

Data File : VX008793.D
Acq On : 09 Apr 2019 23:58
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Quant Time: Apr 10 06:50:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123612	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.50	113	91586	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.71	98	368113	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	134340	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79090	39.950	ug/l	98
3) Chloromethane	1.32	50	111135	45.659	ug/l	99
4) Vinyl Chloride	1.41	62	111306	41.591	ug/l	99
5) Bromomethane	1.64	94	57029	43.513	ug/l	95
6) Chloroethane	1.72	64	67789	46.148	ug/l	100
7) Trichlorofluoromethane	1.93	101	130155	43.996	ug/l	100
8) Diethyl Ether	2.19	74	62332	44.431	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83509	43.844	ug/l	99
10) Methyl Iodide	2.51	142	89979	51.721	ug/l	100
11) Tert butyl alcohol	3.04	59	129746	220.928	ug/l	100
12) 1,1-Dichloroethene	2.37	96	88029	44.273	ug/l	99
13) Acrolein	2.29	56	67079	230.351	ug/l	98
14) Allyl chloride	2.73	41	202277	44.439	ug/l	99
15) Acrylonitrile	3.14	53	351012	225.615	ug/l	100
16) Acetone	2.44	43	292997	202.789	ug/l	100
17) Carbon Disulfide	2.57	76	246247	42.781	ug/l	100
18) Methyl Acetate	2.78	43	167427	47.780	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	333209	46.926	ug/l	98
20) Methylene Chloride	2.85	84	104435	43.182	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	93246	43.356	ug/l	94
22) Diisopropyl ether	3.85	45	404555	46.113	ug/l	92
23) Vinyl Acetate	3.82	43	1776580	232.780	ug/l	99
24) 1,1-Dichloroethane	3.70	63	197162	45.391	ug/l	99
25) 2-Butanone	4.67	43	512344	224.357	ug/l	97
26) 2,2-Dichloropropane	4.59	77	116505	38.082	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110994	44.888	ug/l	97
28) Bromochloromethane	5.01	49	101326	56.221	ug/l	99
29) Tetrahydrofuran	5.13	42	342676	226.087	ug/l	99
30) Chloroform	5.21	83	179088	46.161	ug/l	98
31) Cyclohexane	5.58	56	187269	43.207	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	145410	46.381	ug/l	100
36) 1,1-Dichloropropene	5.80	75	137324	42.794	ug/l	99
37) Ethyl Acetate	4.84	43	194718	45.460	ug/l	100
38) Carbon Tetrachloride	5.79	117	120935	45.534	ug/l	100

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Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164972	41.616	ug/l	99
40) Benzene	6.15	78	425812	44.542	ug/l	99
41) Methacrylonitrile	5.04	41	113046	45.915	ug/l	98
42) 1,2-Dichloroethane	6.20	62	150909	44.032	ug/l	100
43) Isopropyl Acetate	6.45	43	310962	46.345	ug/l	99
44) Trichloroethene	7.21	130	99743	44.797	ug/l	99
45) 1,2-Dichloropropane	7.51	63	122165	44.772	ug/l	98
46) Dibromomethane	7.66	93	68833	43.495	ug/l	98
47) Bromodichloromethane	7.90	83	138413	46.387	ug/l	99
48) Methyl methacrylate	7.77	41	157124	46.293	ug/l	99
49) 1,4-Dioxane	7.74	88	52048	818.597	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1000590	231.654	ug/l	100
52) Toluene	8.79	92	254877	45.223	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157532	47.130	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	173894	45.531	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103951	45.948	ug/l	99
56) Ethyl methacrylate	9.18	69	193070	47.167	ug/l	99
57) 1,3-Dichloropropane	9.37	76	185400	45.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	517397	247.544	ug/l	100
59) 2-Hexanone	9.49	43	762606	227.185	ug/l	100
60) Dibromochloromethane	9.58	129	102459	48.061	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107144	45.493	ug/l	99
64) Tetrachloroethene	9.34	164	87962	45.257	ug/l	99
65) Chlorobenzene	10.14	112	260515	44.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94150	46.151	ug/l	99
67) Ethyl Benzene	10.25	91	483184	44.561	ug/l	99
68) m/p-Xylenes	10.36	106	347920	89.240	ug/l	100
69) o-Xylene	10.69	106	169361	44.825	ug/l	98
70) Styrene	10.71	104	299414	45.973	ug/l	100
71) Bromoform	10.85	173	74992	48.132	ug/l #	98
73) Isopropylbenzene	11.02	105	451410	43.994	ug/l	100
74) N-amyl acetate	10.90	43	272174	45.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	168415	43.158	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	144402m	42.455	ug/l	
77) Bromobenzene	11.26	156	109792	44.510	ug/l	99
78) n-propylbenzene	11.36	91	526387	44.059	ug/l	99
79) 2-Chlorotoluene	11.42	91	309633	42.826	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378934	43.995	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54400	44.088	ug/l	98
82) 4-Chlorotoluene	11.51	91	361254	43.166	ug/l	99
83) tert-Butylbenzene	11.77	119	359949	43.439	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	381585	43.753	ug/l	99
85) sec-Butylbenzene	11.94	105	435016	44.197	ug/l	99
86) p-Isopropyltoluene	12.06	119	392668	44.448	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194024	43.937	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193158	43.196	ug/l	99
89) n-Butylbenzene	12.38	91	371239	44.809	ug/l	99
90) Hexachloroethane	12.60	117	67388	45.991	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	191548	43.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36304	42.291	ug/l	99

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Quantitation Report (QT Reviewed)

Data File : VX008793.D
Acq On : 09 Apr 2019 23:58
Operator : JC/SP
Sample : VSTDCCC050
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ClientSampleId :
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Manual Integrations
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Quant Time: Apr 10 06:50:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

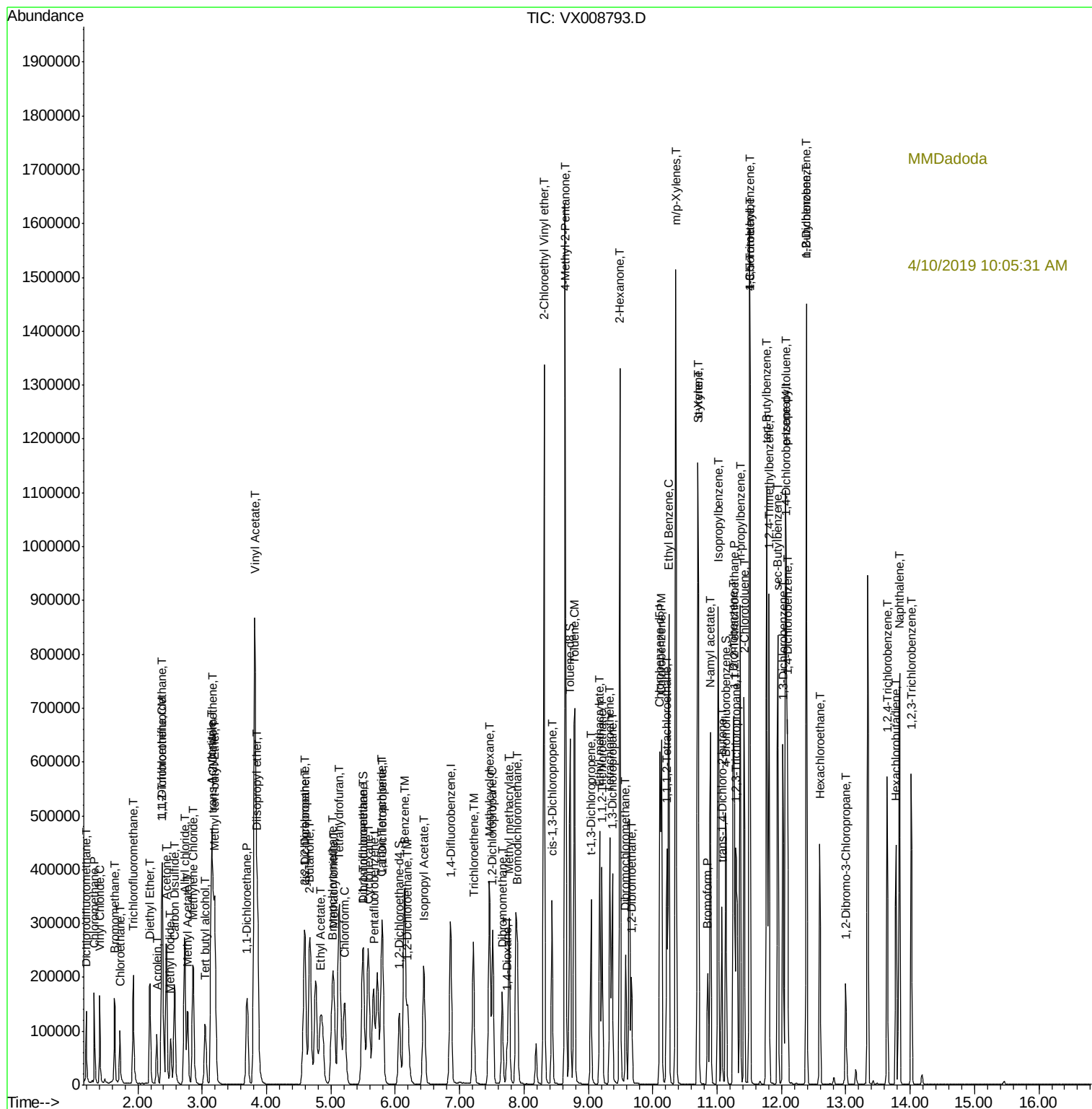
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137972	45.259	ug/l	99
94) Hexachlorobutadiene	13.78	225	66715	45.632	ug/l	99
95) Naphthalene	13.83	128	450074	44.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135826	44.594	ug/l	99

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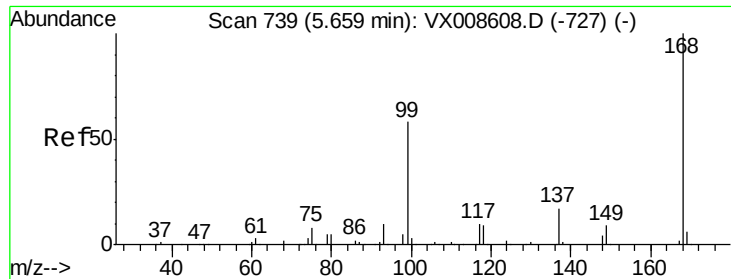
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Manual Integrations



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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion:168 Resp: 171987

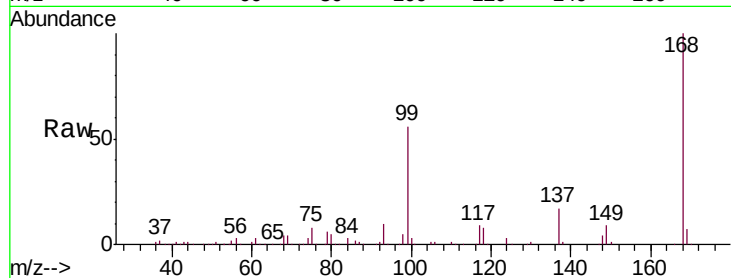
Ion Ratio Lower Upper

168 100

99 56.1 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

40000

20000

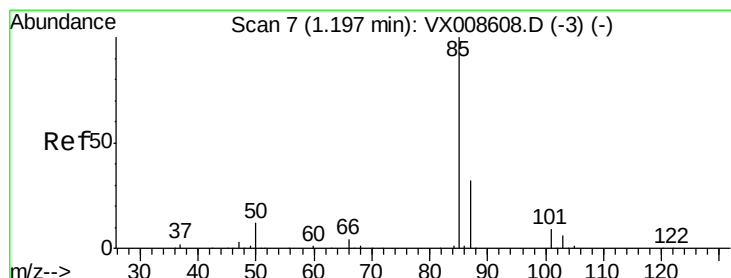
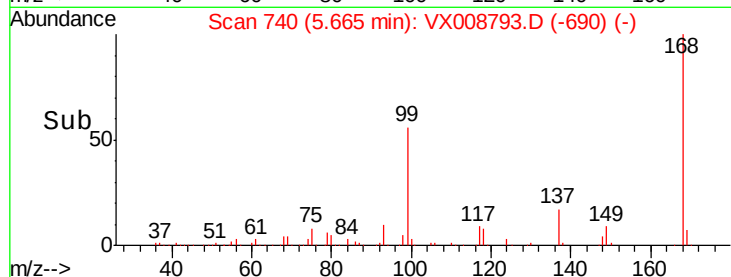
0

5.50 5.60 5.70 5.80 5.90

Time-->

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#2

Dichlorodifluoromethane

Concen: 39.950 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008793.D

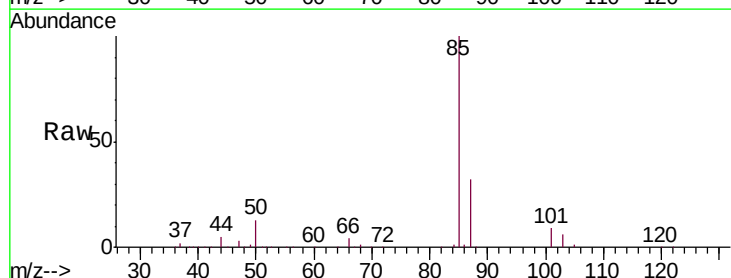
Acq: 09 Apr 2019 23:58

Tgt Ion: 85 Resp: 79090

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

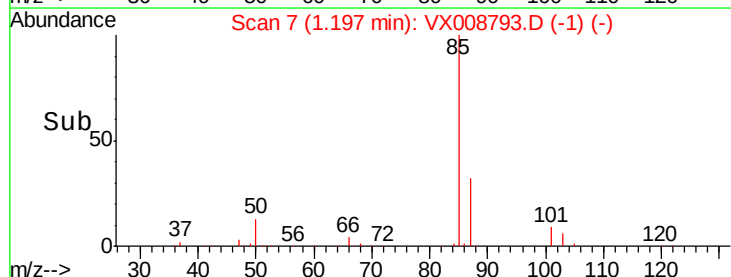
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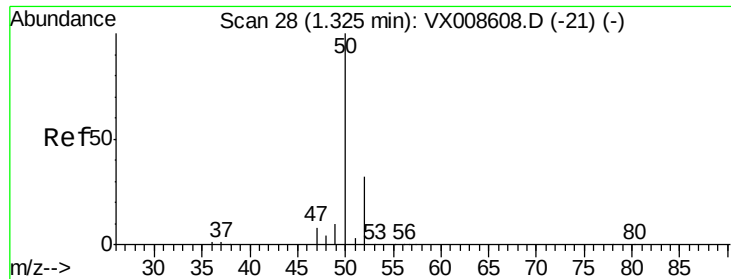
20000

0

1.15 1.20 1.25 1.30

Time-->



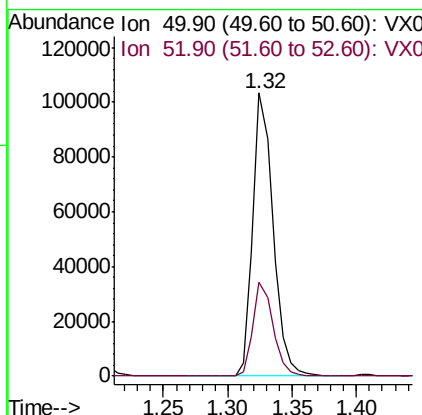
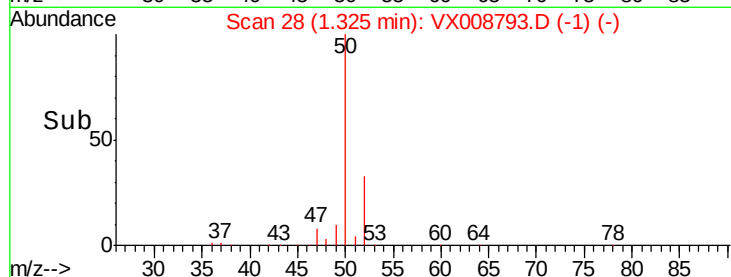
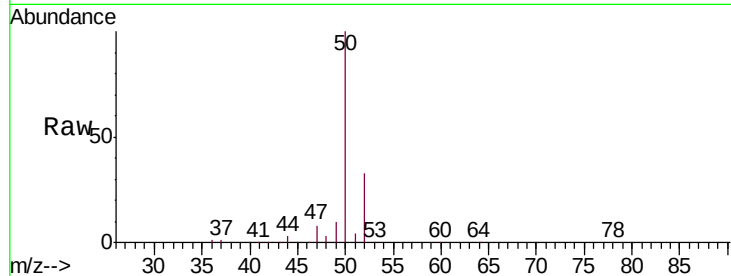


#3
Chloromethane
Concen: 45.659 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

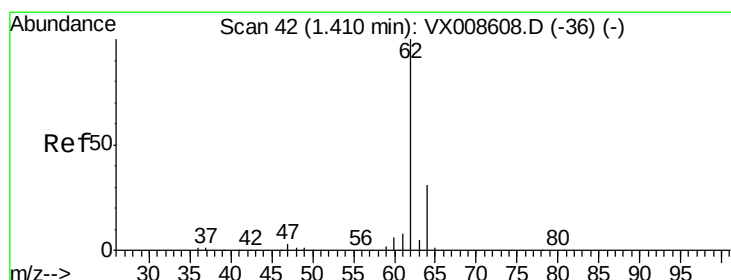
Tgt Ion: 50 Resp: 111135
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.8

Manual Integrations
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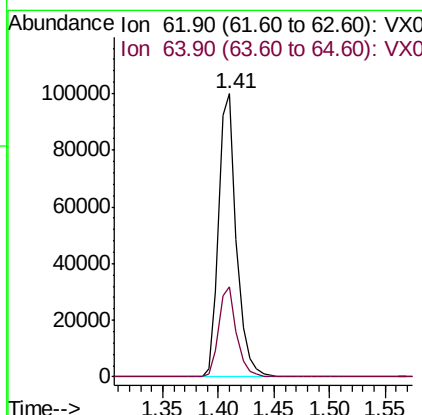
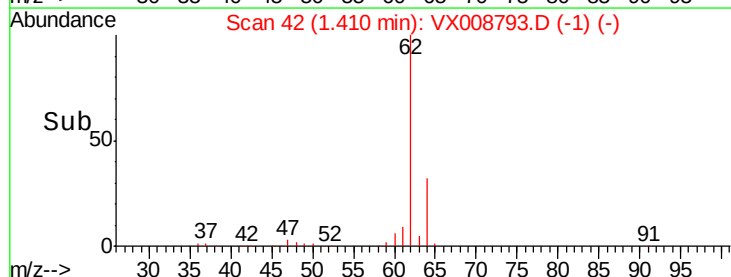
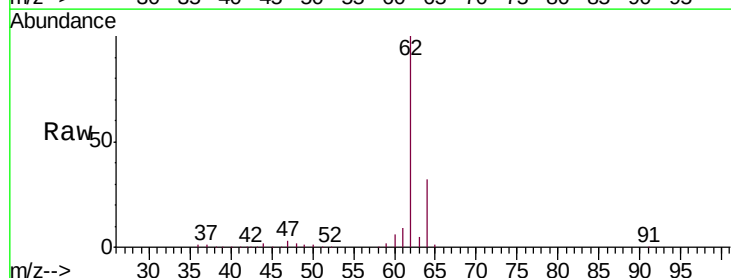
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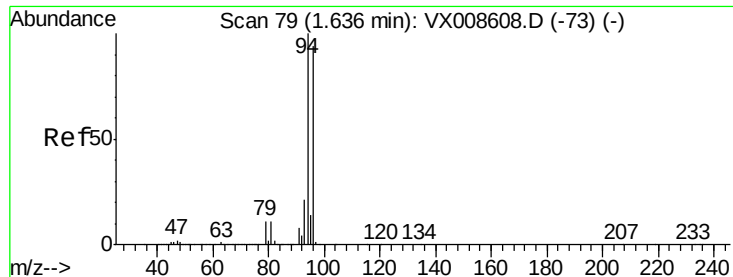
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#4
Vinyl Chloride
Concen: 41.591 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 62 Resp: 111306
Ion Ratio Lower Upper
62 100
64 31.7 24.7 37.1





#5

Bromomethane

Concen: 43.513 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

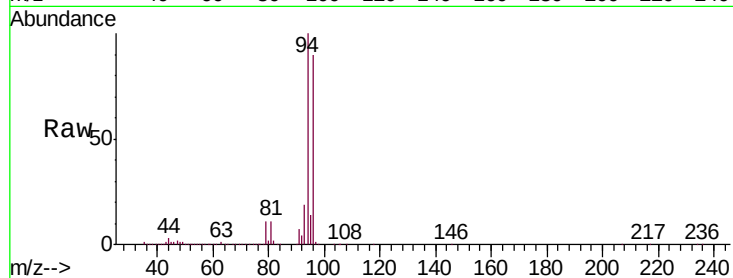
Tgt Ion: 94 Resp: 57029

Ion Ratio Lower Upper

94 100

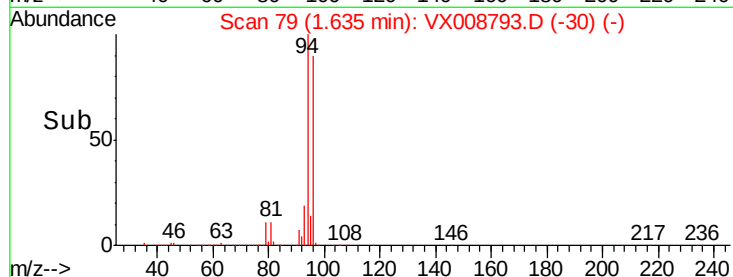
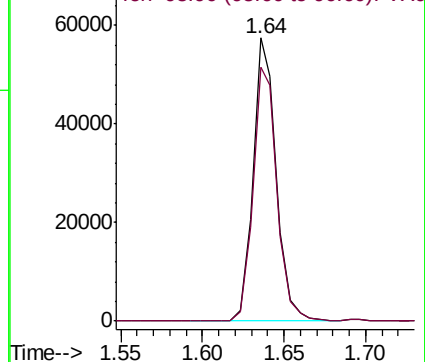
96 89.6 75.2 112.8

Manual Integrations
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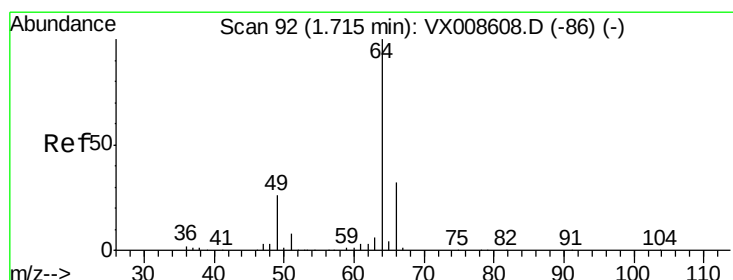
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



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#6

Chloroethane

Concen: 46.148 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008793.D

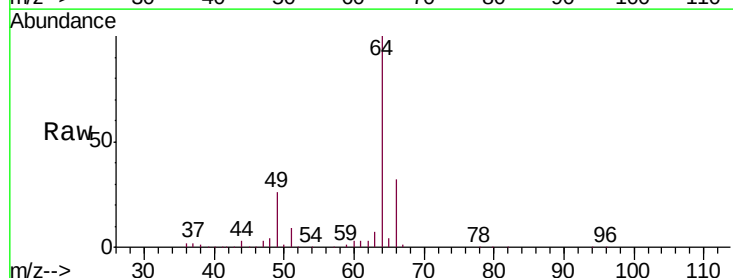
Acq: 09 Apr 2019 23:58

Tgt Ion: 64 Resp: 67789

Ion Ratio Lower Upper

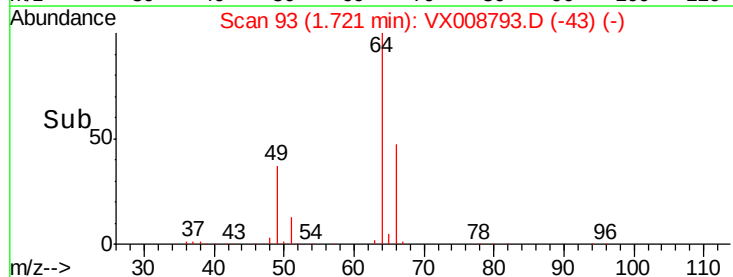
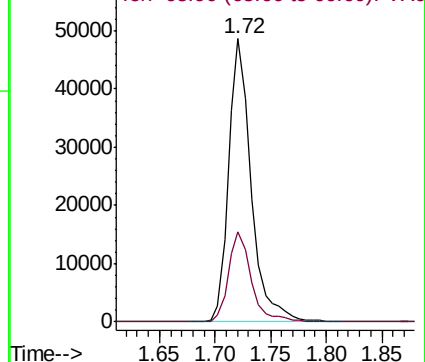
64 100

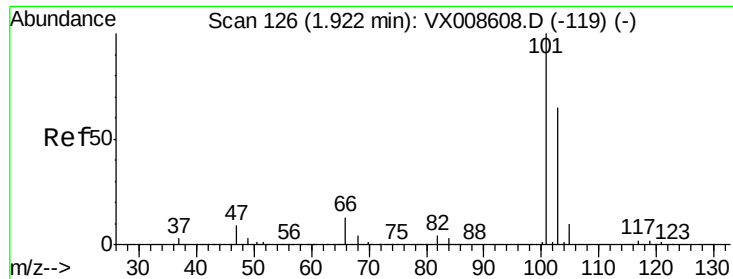
66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





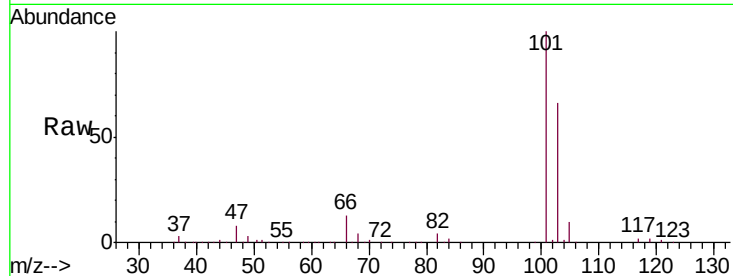
#7

Trichlorofluoromethane
Concen: 43.996 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

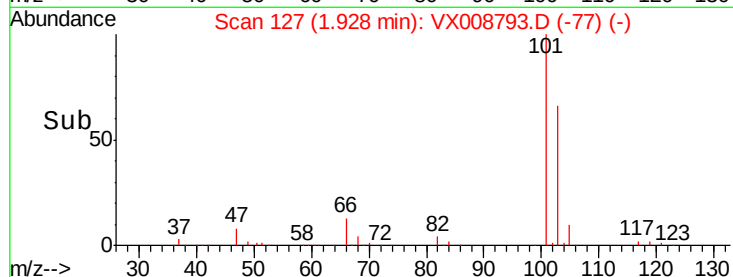
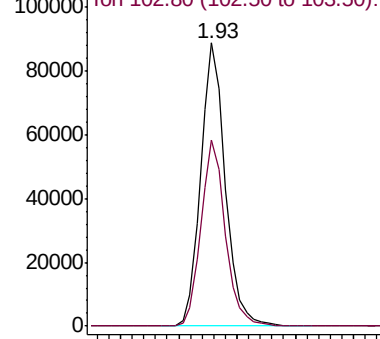
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 130155
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5

Manual Integrations
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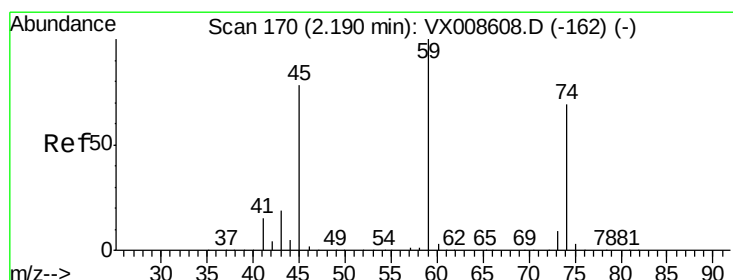


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



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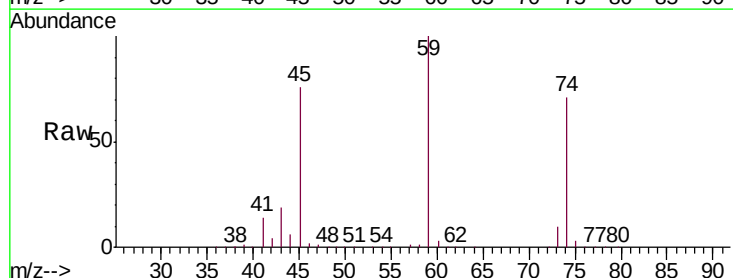
4/10/2019 10:05:31 AM



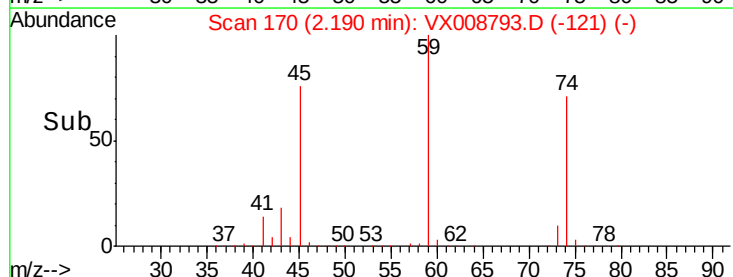
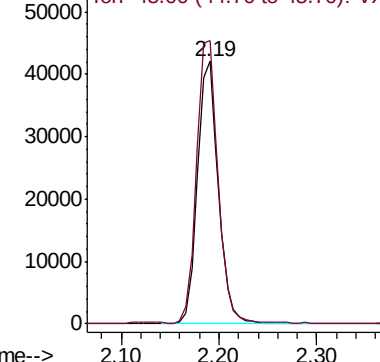
#8

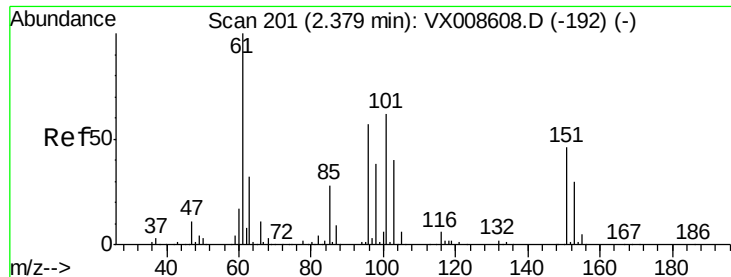
Diethyl Ether
Concen: 44.431 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 74 Resp: 62332
Ion Ratio Lower Upper
74 100
45 110.3 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.844 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

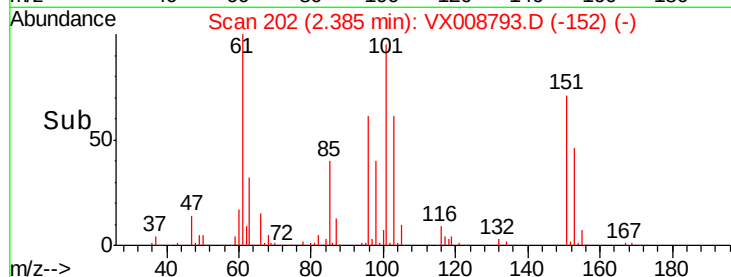
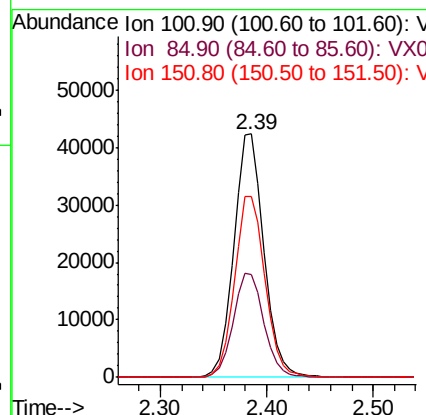
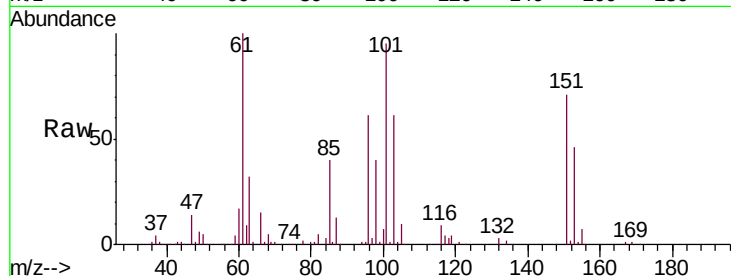
MSVOA_X

ClientSampleId :

VSTDCCC050EC

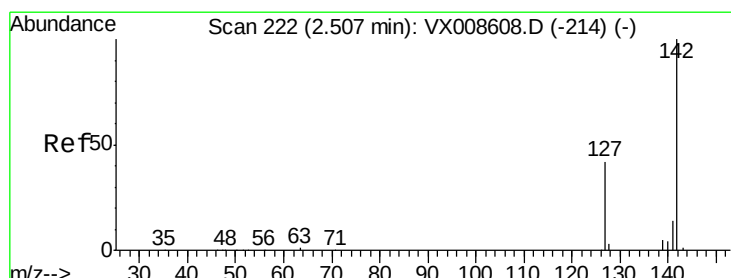
Tgt Ion:	101	Resp:	83509
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	75.8	59.9	89.9

Manual Integrations
APPROVED



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#10

Methyl Iodide

Concen: 51.721 ug/l

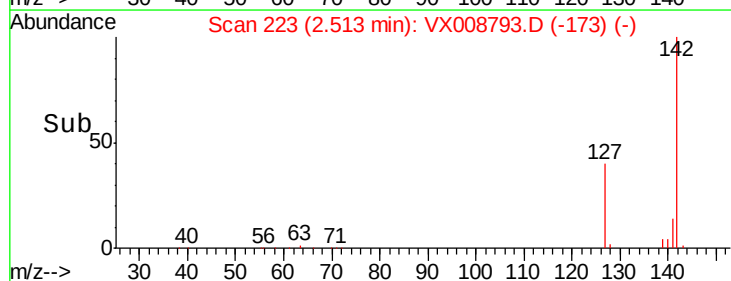
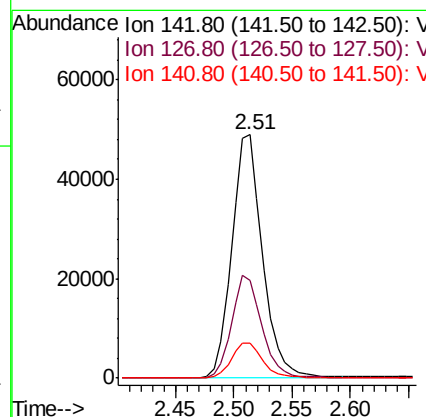
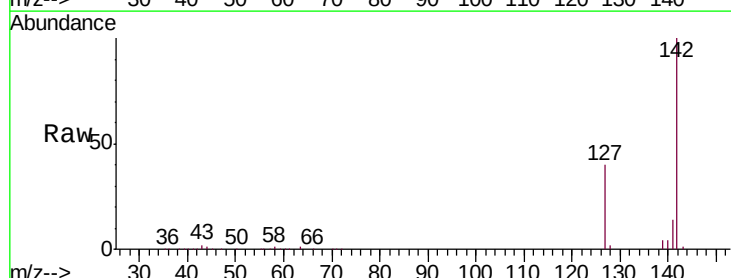
RT: 2.51 min Scan# 223

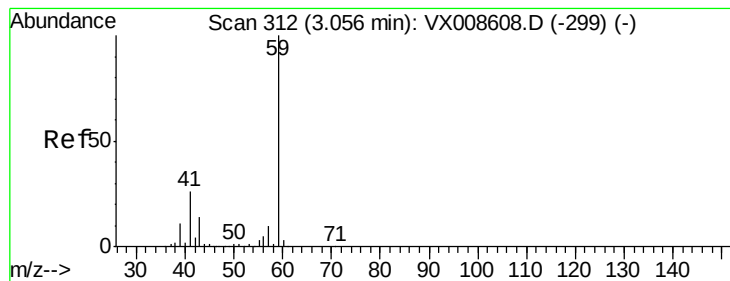
Delta R.T. 0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Tgt Ion:	142	Resp:	89979
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.0	49.6
141	14.6	11.4	17.2





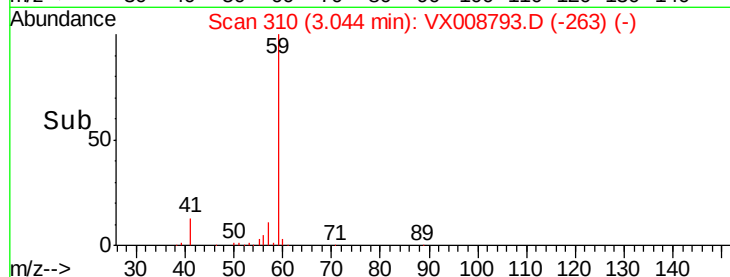
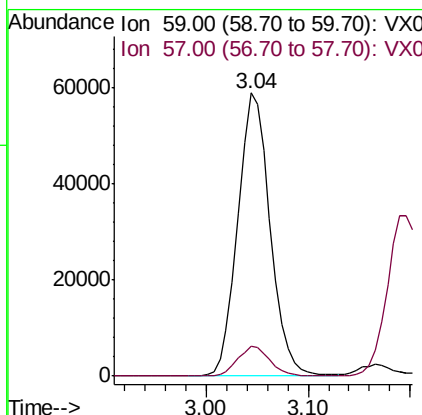
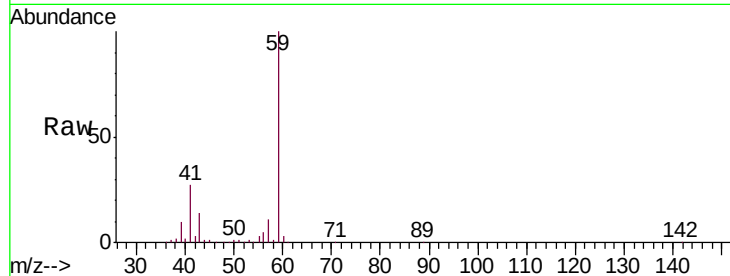
#11

Tert butyl alcohol
Concen: 220.928 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

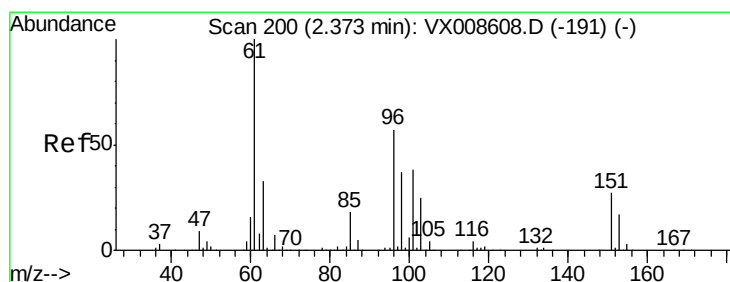
Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Manual Integrations
APPROVED



MMDadoda

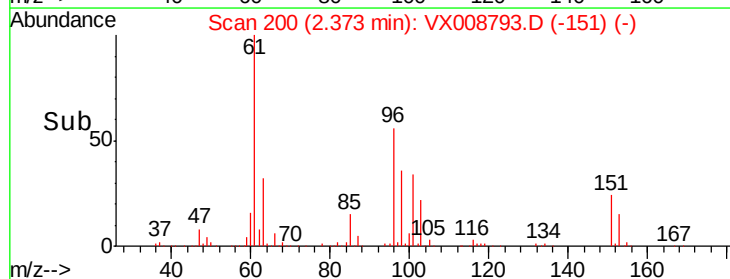
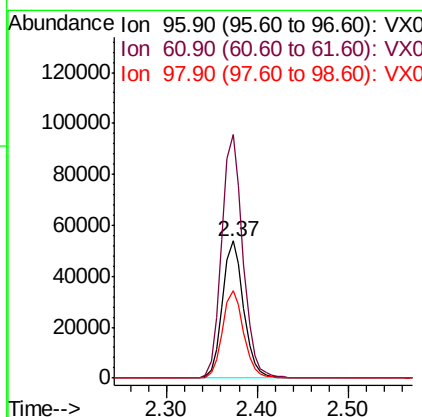
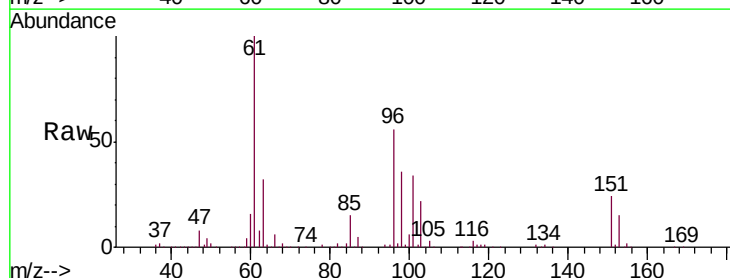
4/10/2019 10:05:31 AM

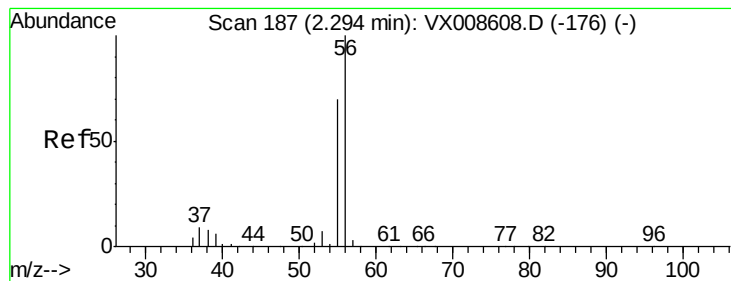


#12

1,1-Dichloroethene
Concen: 44.273 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.8	140.9	211.3
98	64.0	52.1	78.1





#13

Acrolein

Concen: 230.351 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

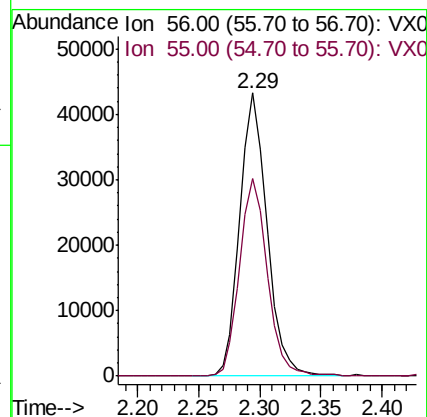
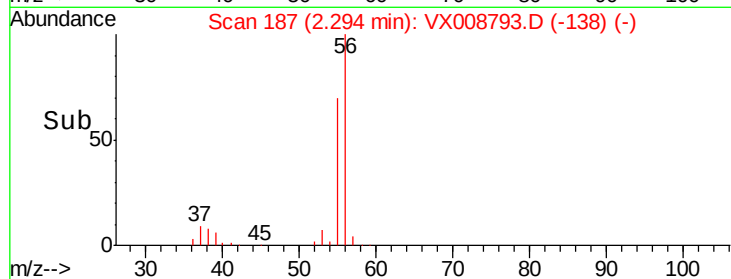
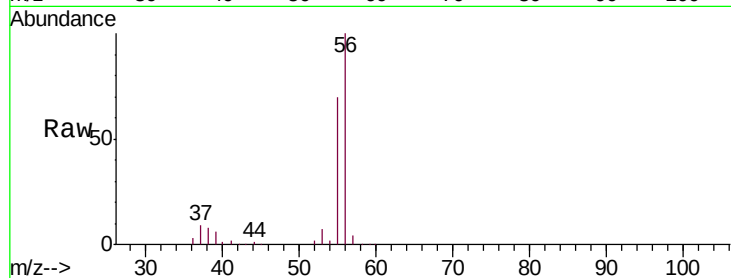
Tgt Ion: 56 Resp: 67079

Ion Ratio Lower Upper

56 100

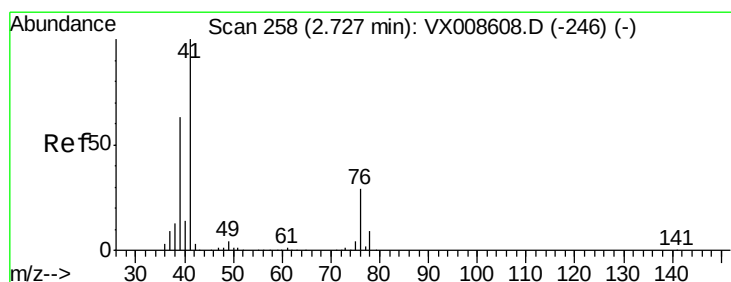
55 71.0 58.0 87.0

Manual Integrations
APPROVED



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#14

Allyl chloride

Concen: 44.439 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

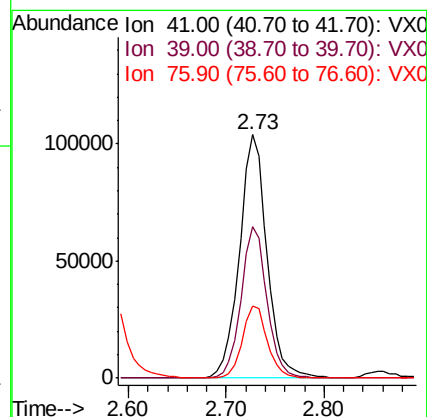
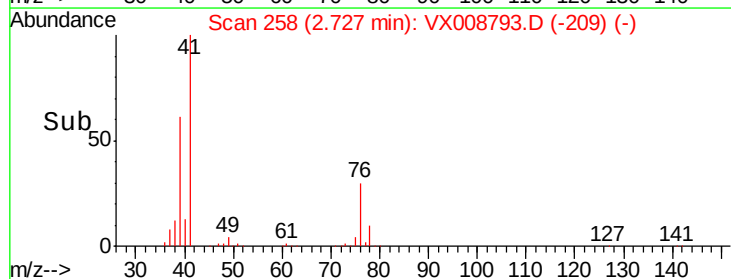
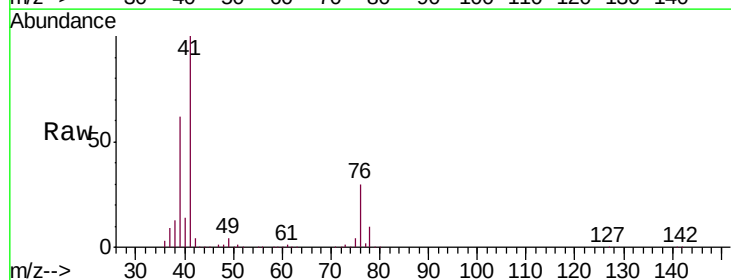
Tgt Ion: 41 Resp: 202277

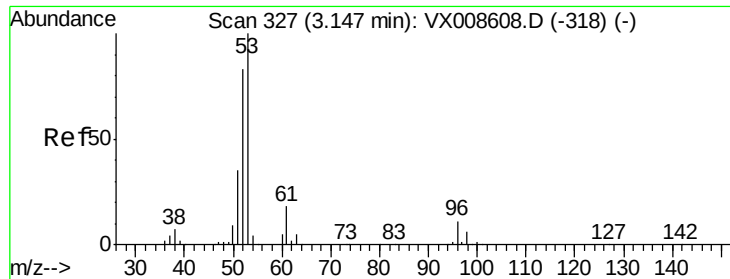
Ion Ratio Lower Upper

41 100

39 58.9 48.0 72.0

76 27.3 22.0 33.0



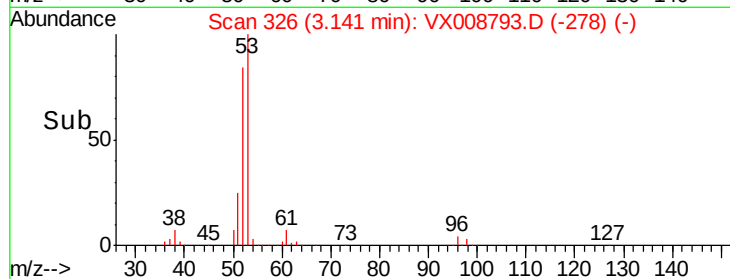
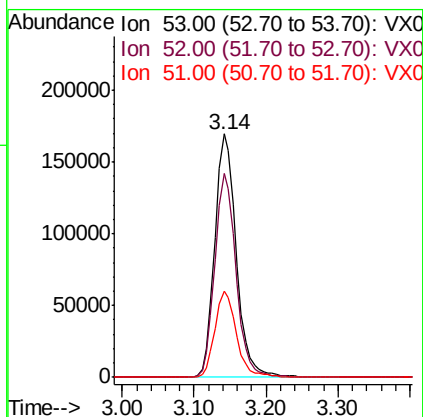
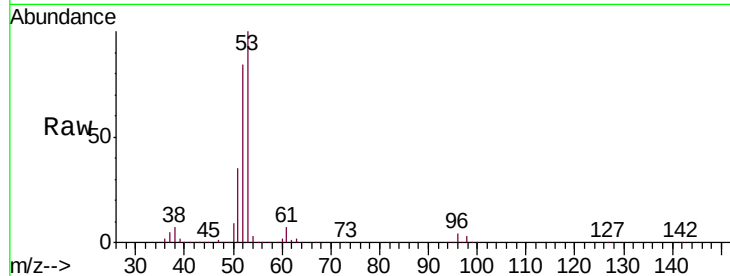


#15
 Acrylonitrile
 Concen: 225.615 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

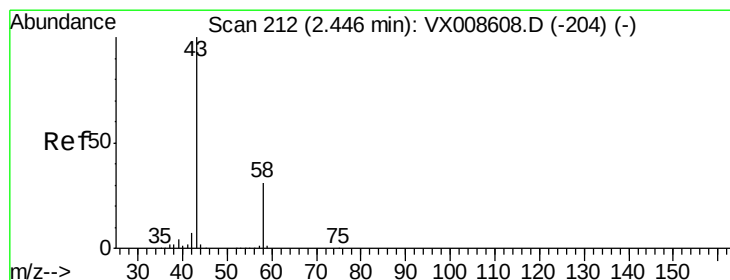
Tgt Ion:	53	Resp:	351012
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	35.6	28.6	42.8

Manual Integrations
 APPROVED



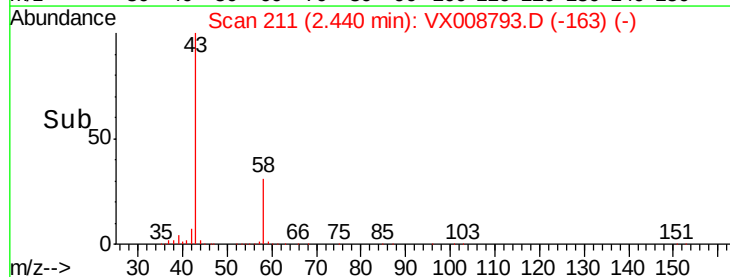
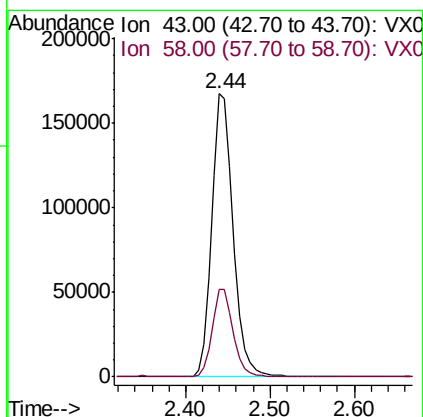
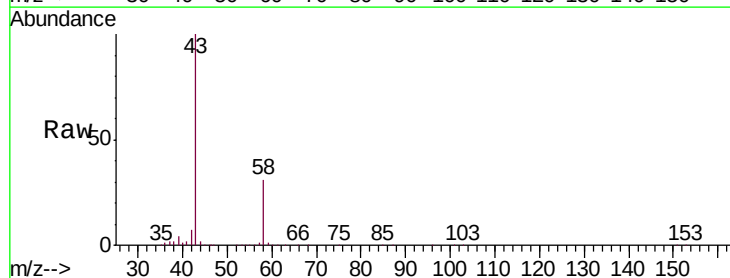
MMDadoda

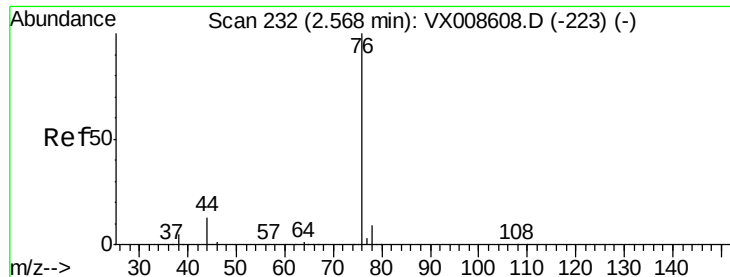
4/10/2019 10:05:31 AM



#16
 Acetone
 Concen: 202.789 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion:	43	Resp:	292997
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2



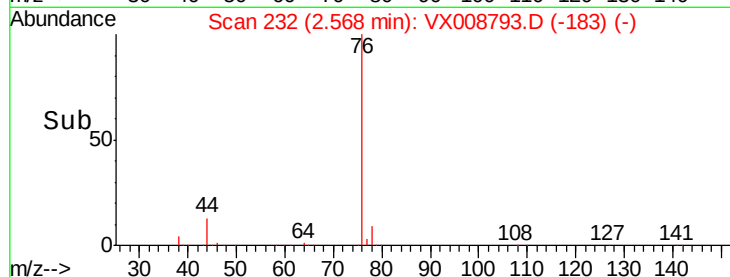
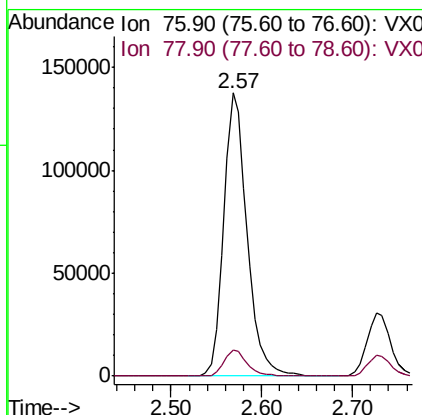
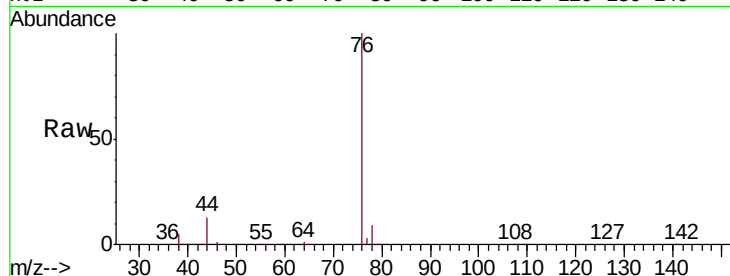


#17
Carbon Disulfide
Concen: 42.781 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

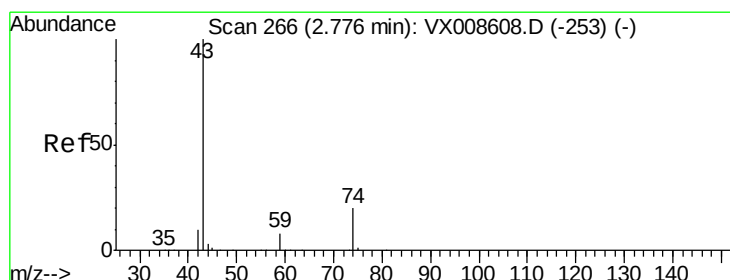
Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

Manual Integrations
APPROVED



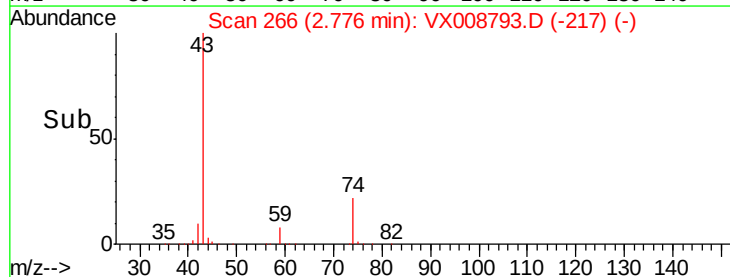
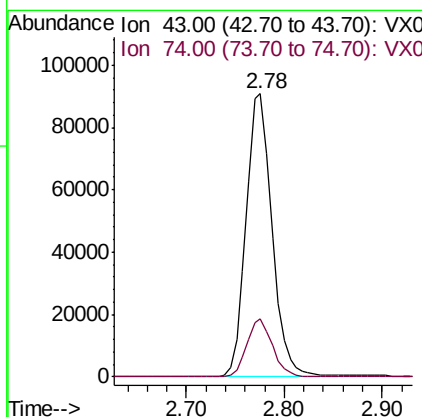
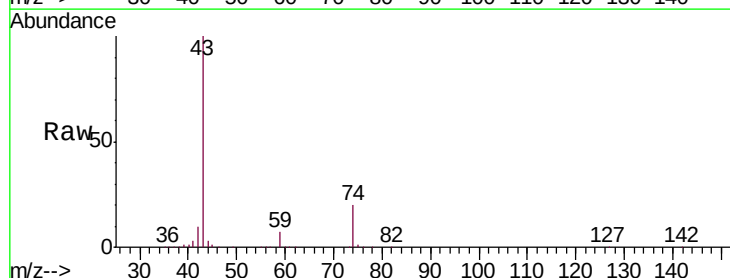
MMDadoda

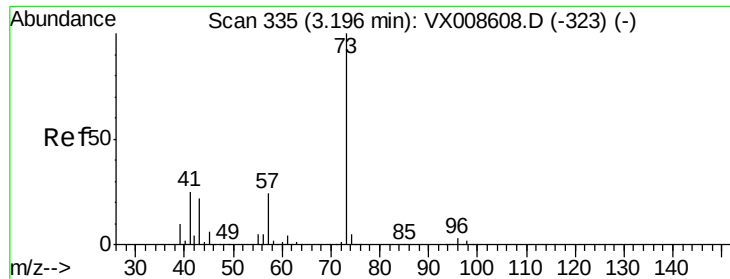
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#18
Methyl Acetate
Concen: 47.780 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.5	24.7



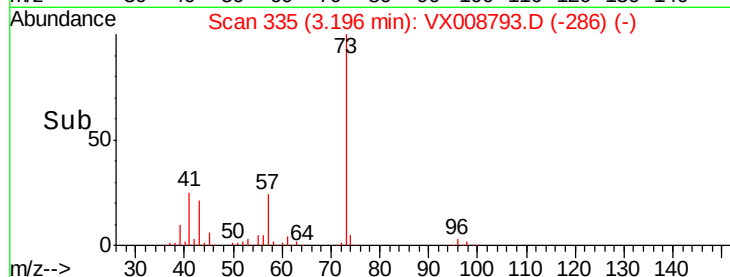
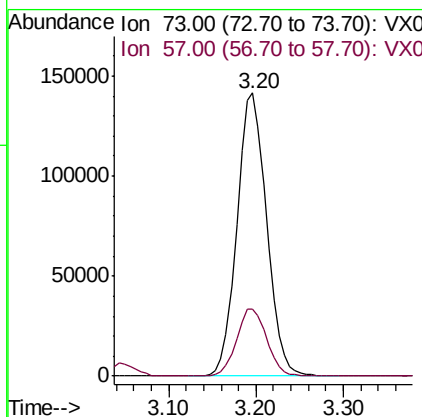
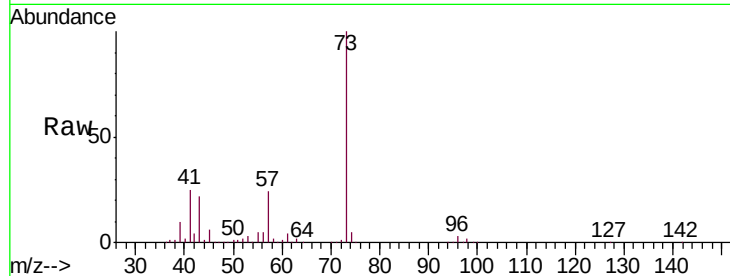


#19
Methyl tert-butyl Ether
Concen: 46.926 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

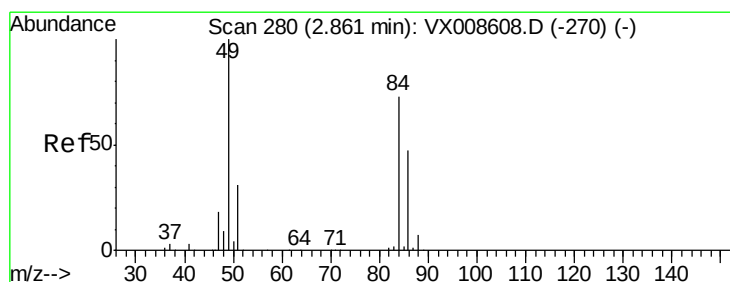
Tgt Ion: 73 Resp: 333209
Ion Ratio Lower Upper
73 100
57 23.6 19.5 29.3

Manual Integrations
APPROVED



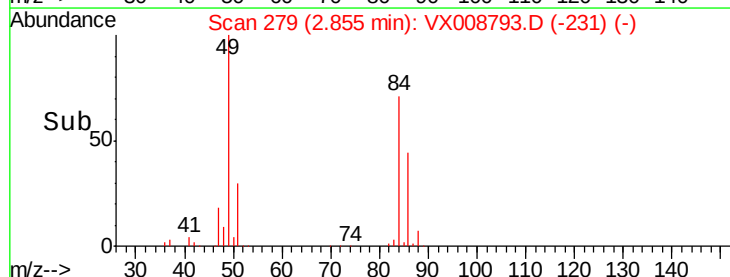
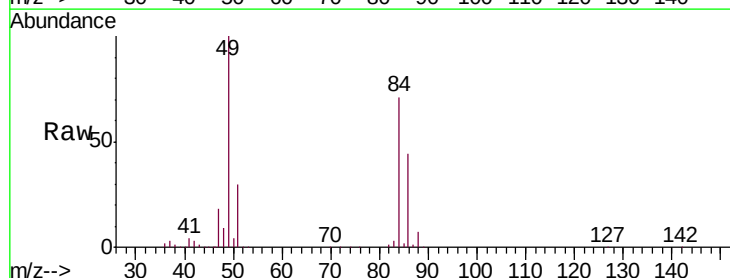
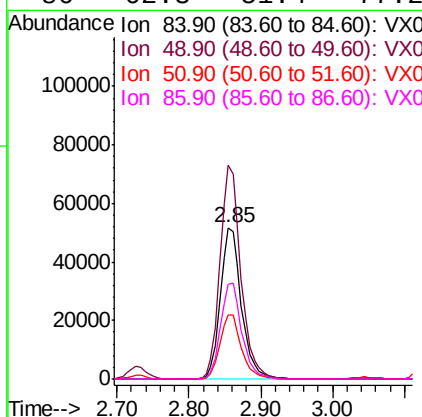
MMDadoda

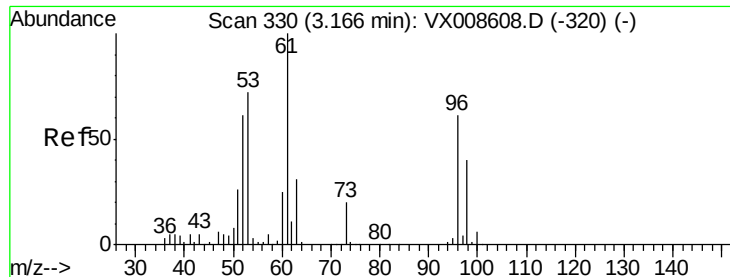
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#20
Methylene Chloride
Concen: 43.182 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 84 Resp: 104435
Ion Ratio Lower Upper
84 100
49 141.0 109.7 164.5
51 42.3 33.6 50.4
86 62.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 43.356 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

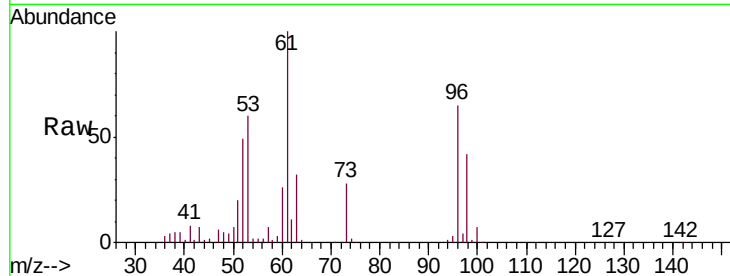
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	93246
Ion	Ratio	Lower	Upper
96	100		
61	154.4	132.1	198.1
98	64.2	52.2	78.2

Manual Integrations
APPROVED

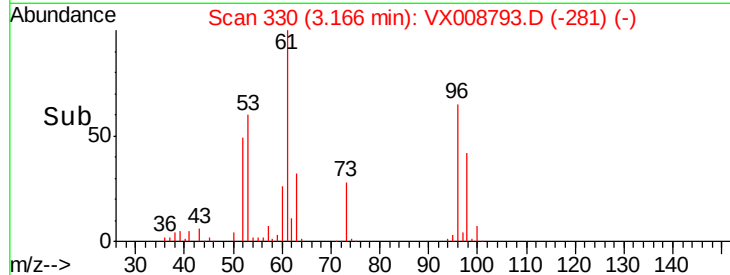
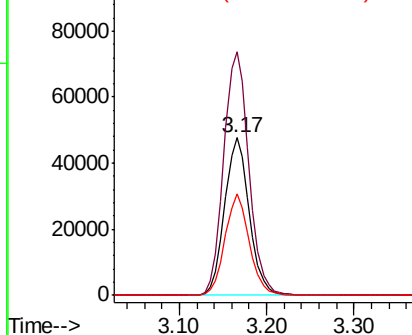


Abundance

Ion 95.90 (95.60 to 96.60): VX0

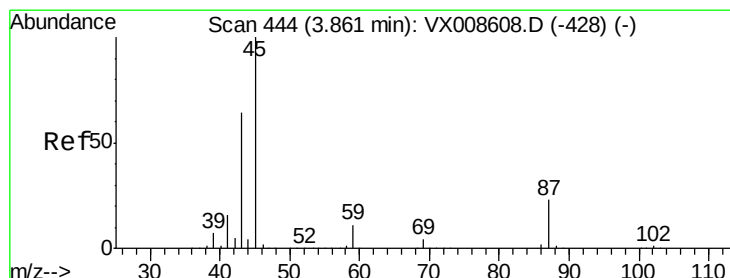
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



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#22

Diisopropyl ether

Concen: 46.113 ug/l

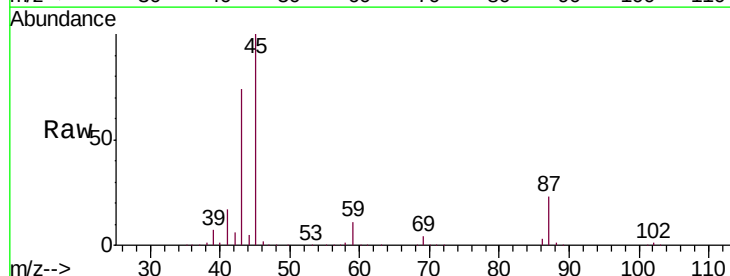
RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Tgt Ion:	45	Resp:	404555
Ion	Ratio	Lower	Upper
45	100		
43	73.8	51.3	76.9
87	22.6	18.1	27.1
59	10.9	8.6	13.0



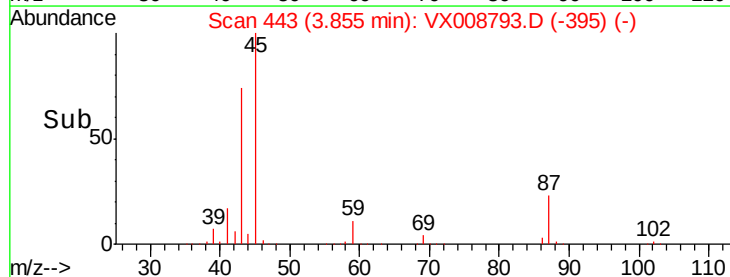
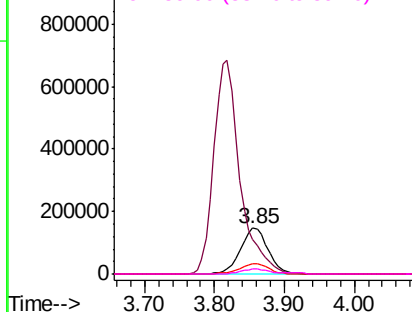
Abundance

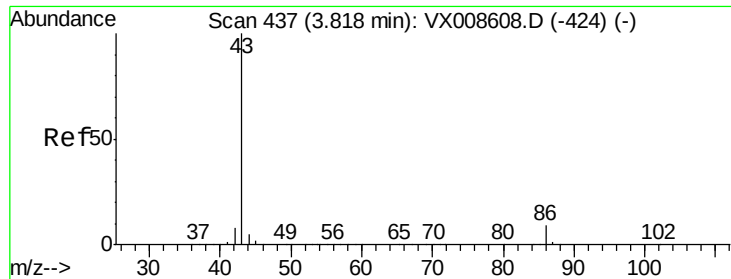
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 232.780 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

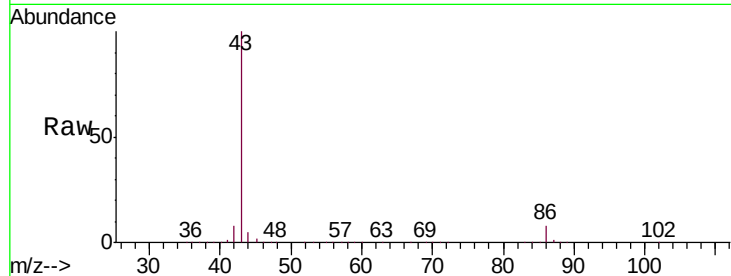
Tgt Ion: 43 Resp: 1776580

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

0

3.82

3.60

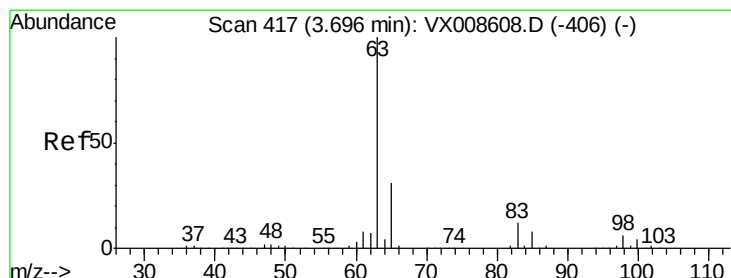
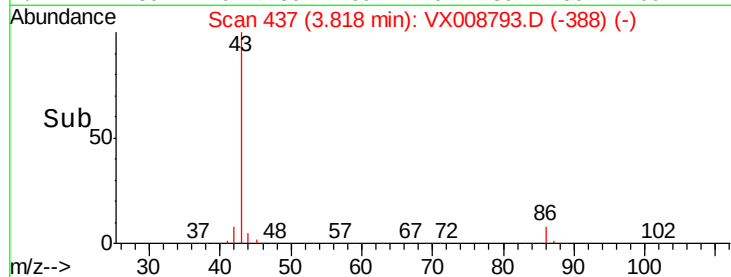
3.80

4.00

Time-->

MMDadoda

4/10/2019 10:05:31 AM



#24

1,1-Dichloroethane

Concen: 45.391 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

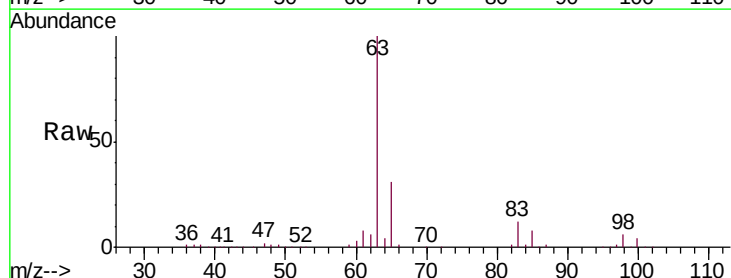
Tgt Ion: 63 Resp: 197162

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

40000

20000

0

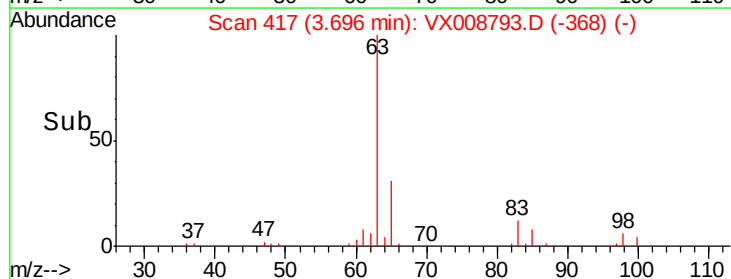
3.70

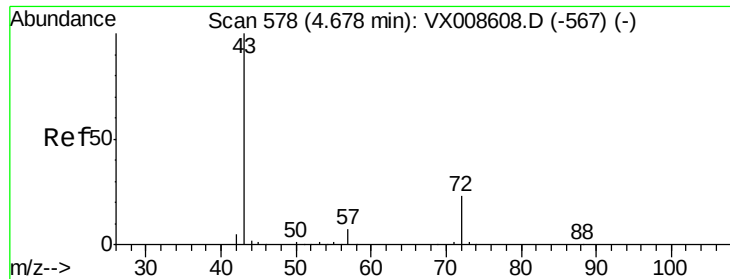
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 224.357 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 512344

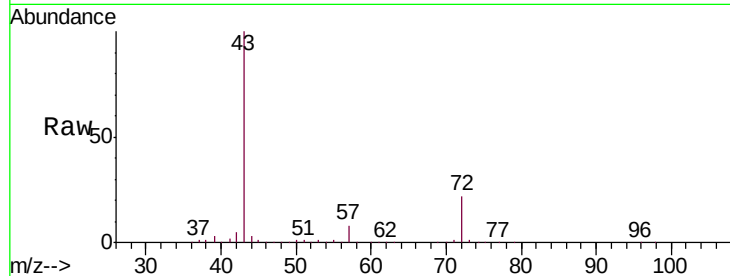
Ion Ratio Lower Upper

43 100

72 21.5 18.2 27.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

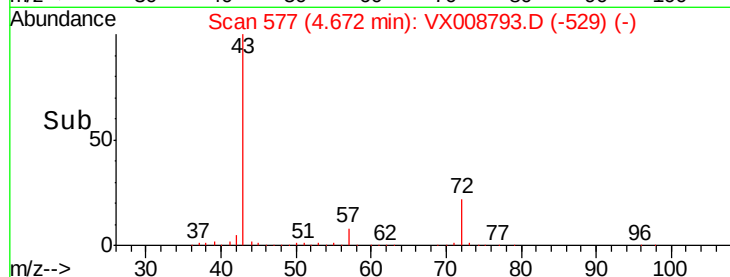
100000

50000

0

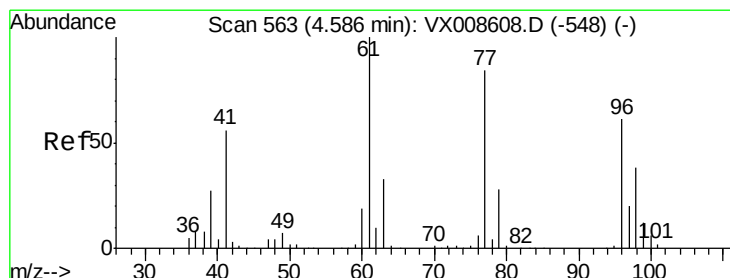
4.60 4.70 4.80

Time-->



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#26

2,2-Dichloropropane

Concen: 38.082 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008793.D

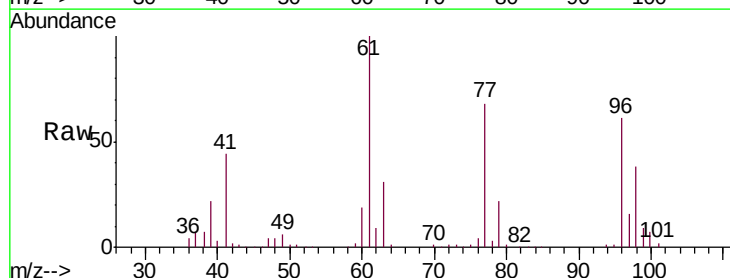
Acq: 09 Apr 2019 23:58

Tgt Ion: 77 Resp: 116505

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

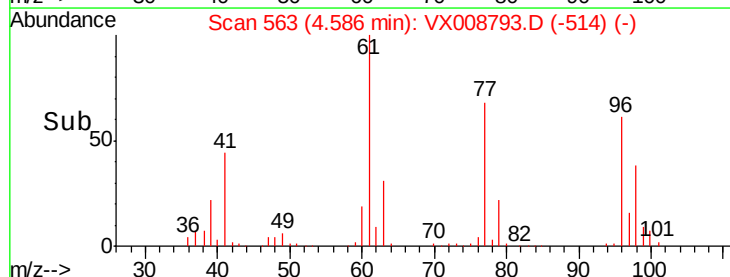
20000

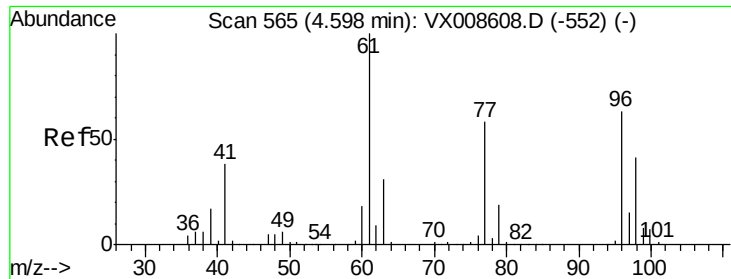
10000

0

4.40 4.50 4.60 4.70

Time-->





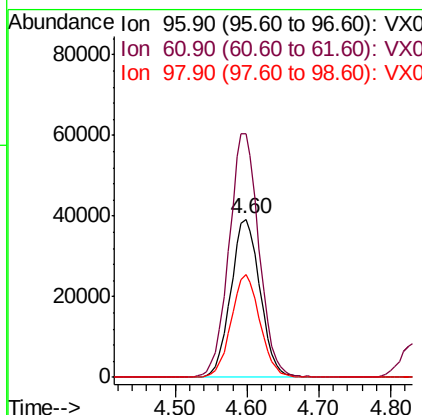
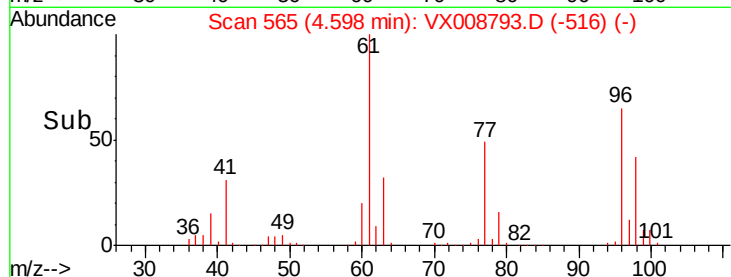
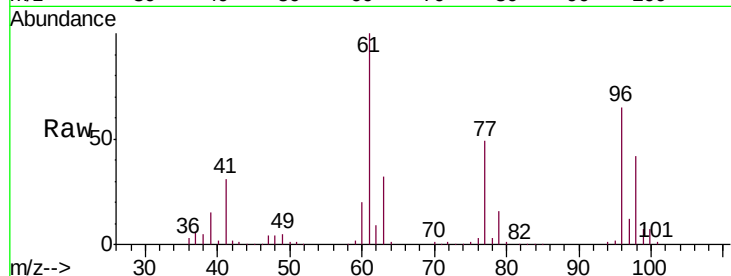
#27

cis-1,2-Dichloroethene
Concen: 44.888 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

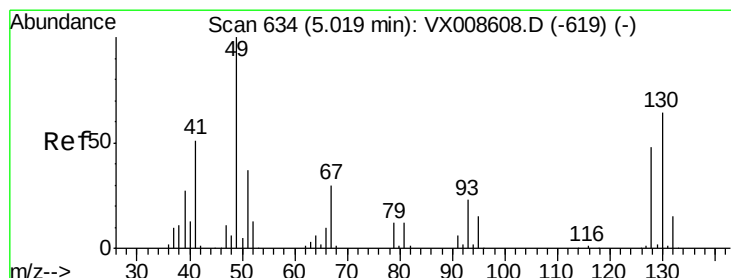
Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	327.6
98	63.7	0.0	128.6

Manual Integrations
APPROVED



MMDadoda

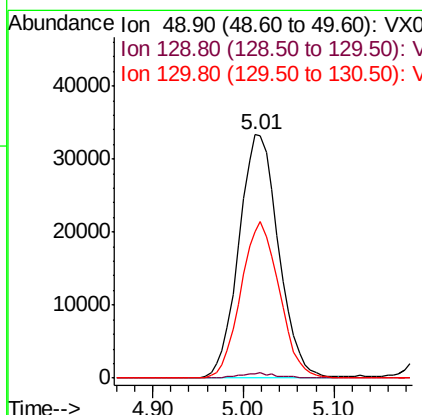
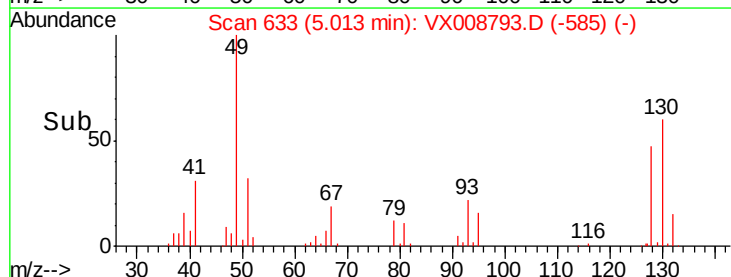
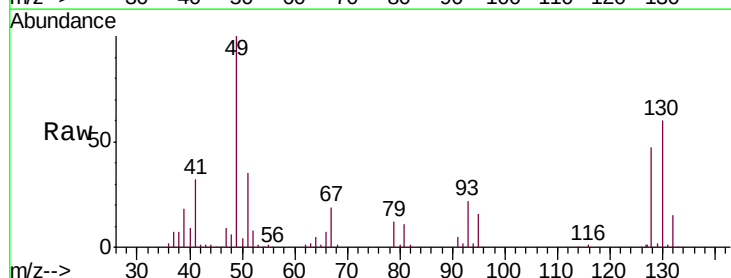
4/10/2019 10:05:31 AM

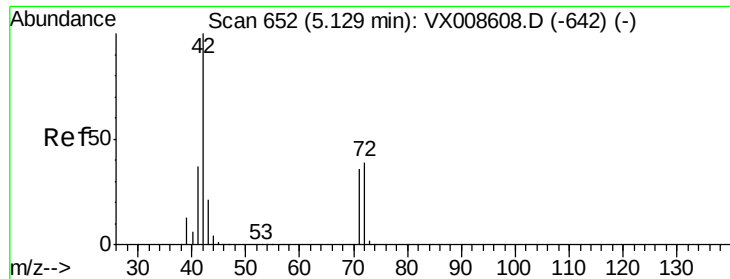


#28

Bromochloromethane
Concen: 56.221 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	62.1	49.3	73.9



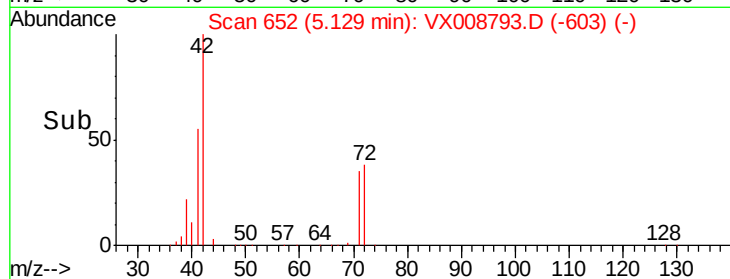
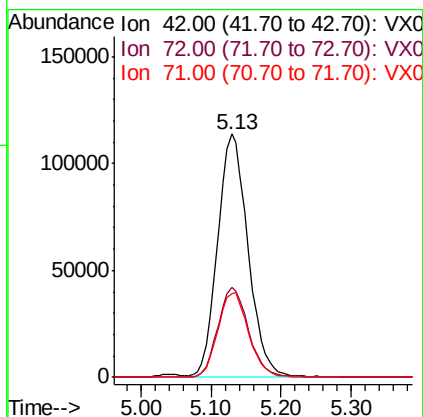
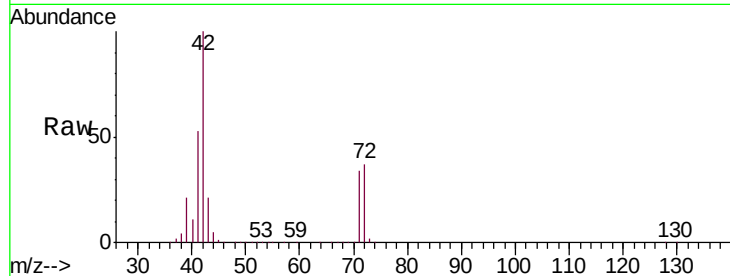


#29
Tetrahydrofuran
Concen: 226.087 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

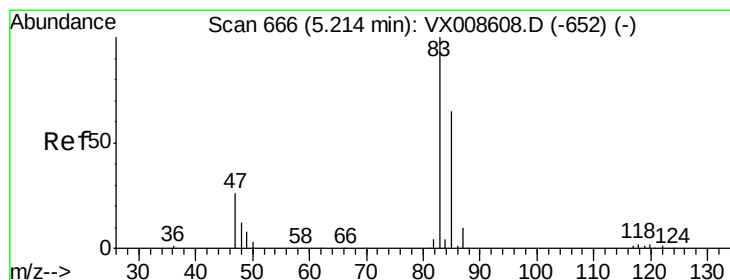
Tgt Ion:	42	Resp:	342676
Ion	Ratio	Lower	Upper
42	100		
72	37.5	30.5	45.7
71	35.3	28.6	43.0

Manual Integrations
APPROVED



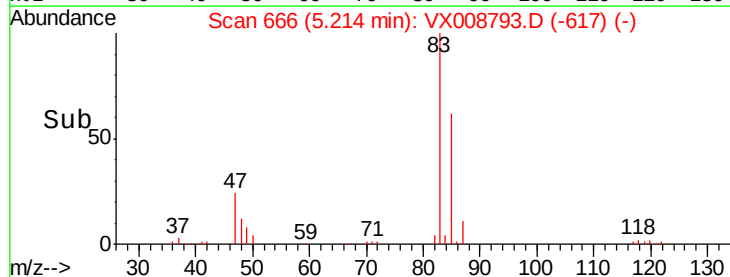
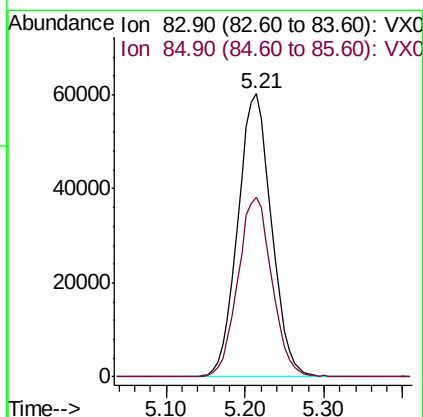
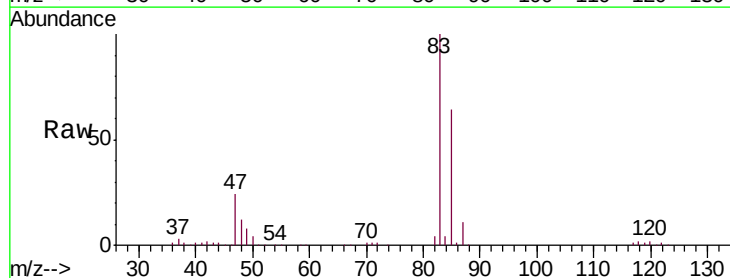
MMDadoda

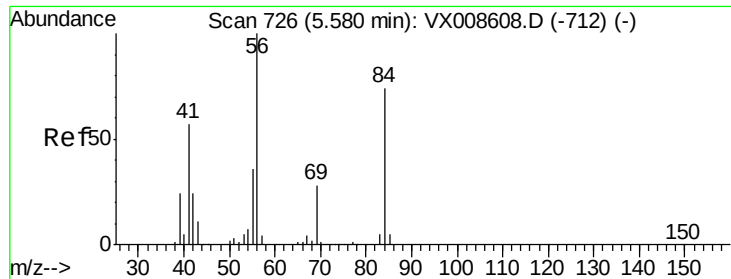
4/10/2019 10:05:31 AM



#30
Chloroform
Concen: 46.161 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion:	83	Resp:	179088
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.1	78.1



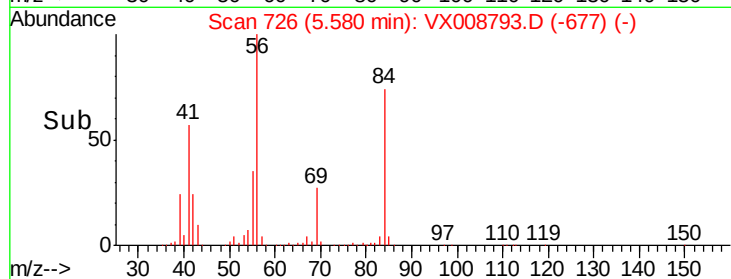
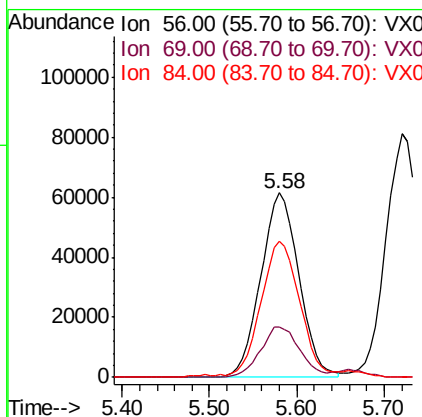
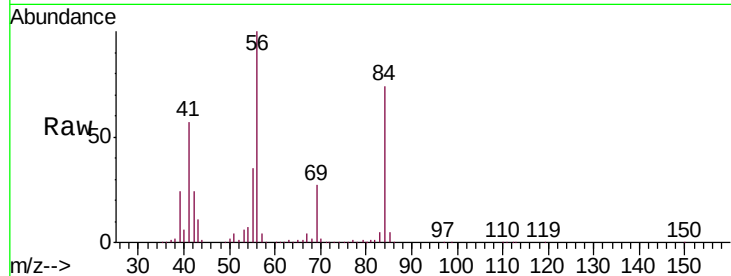


#31
Cyclohexane
Concen: 43.207 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

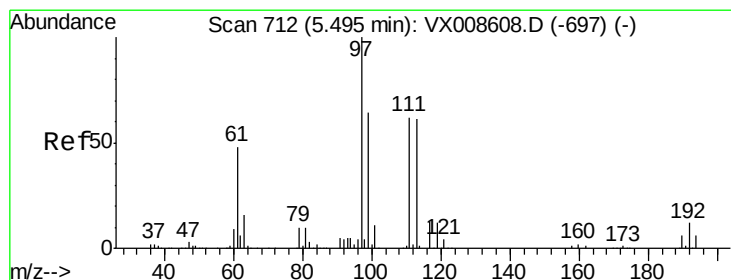
Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.5	22.6	33.8
84	73.2	59.3	88.9

Manual Integrations
APPROVED



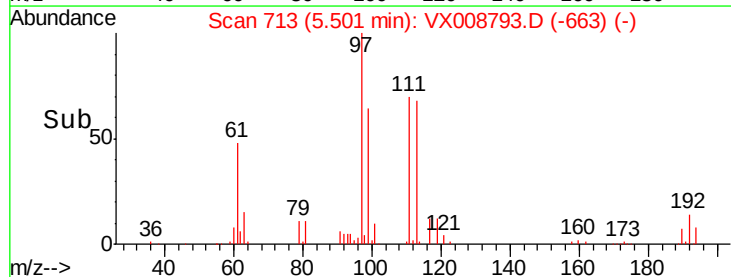
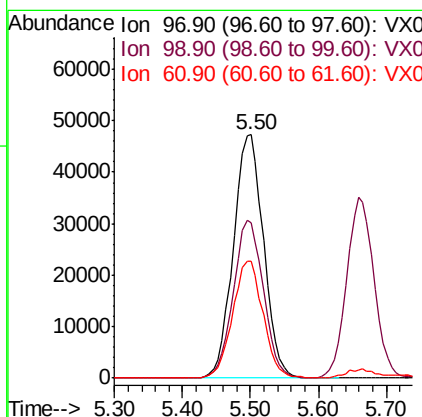
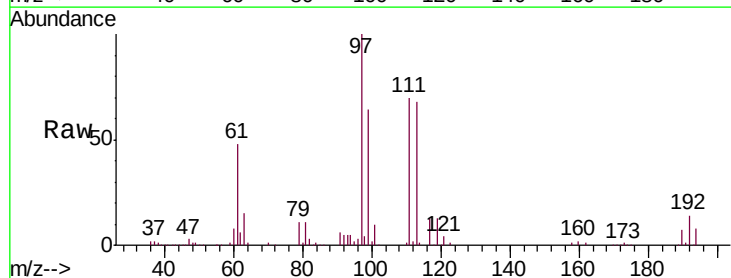
MMDadoda

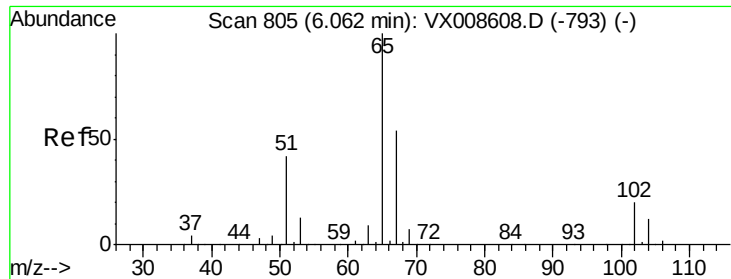
4/10/2019 10:05:31 AM



#32
1,1,1-Trichloroethane
Concen: 46.381 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	48.7	38.9	58.3



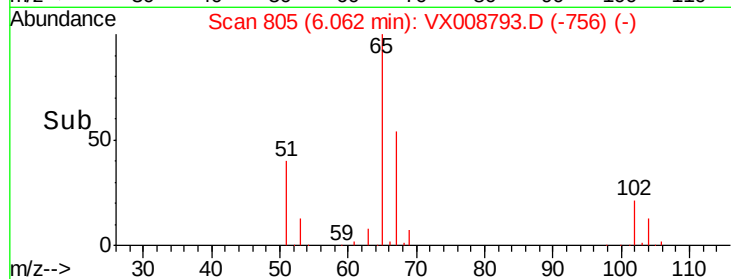
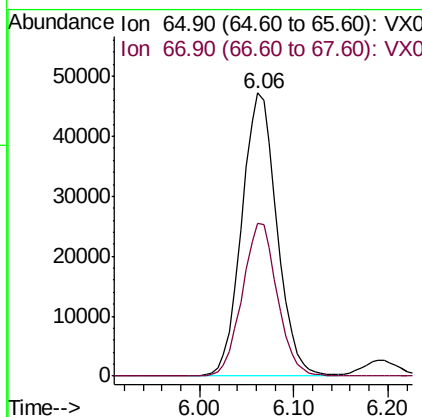
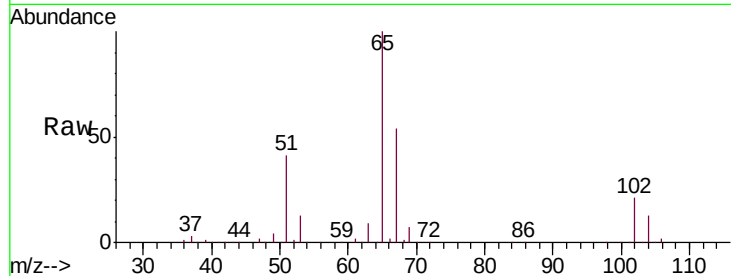


#33
 1,2-Dichloroethane-d4
 Concen: 49.277 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

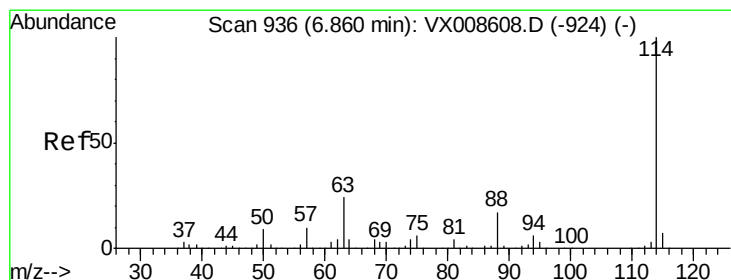
Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

Manual Integrations
 APPROVED



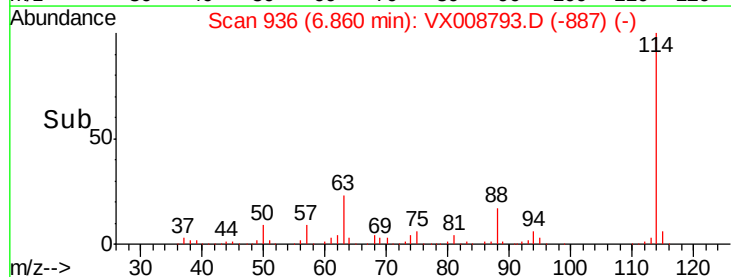
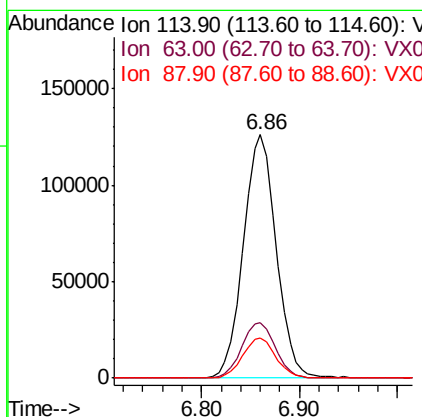
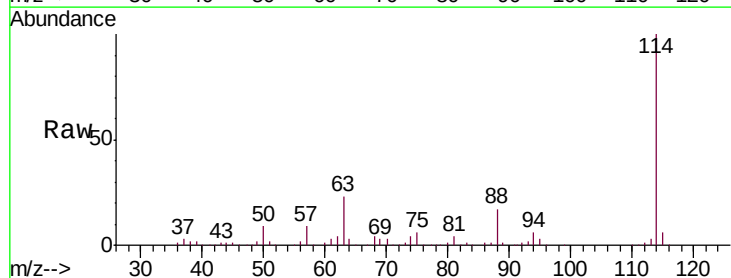
MMDadoda

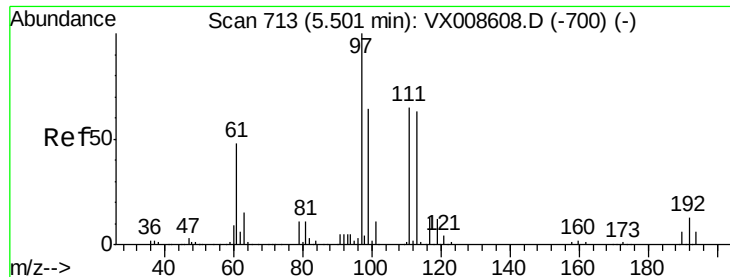
4/10/2019 10:05:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	47.2
88	16.6	0.0	34.0





#35

Dibromofluoromethane

Concen: 48.795 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

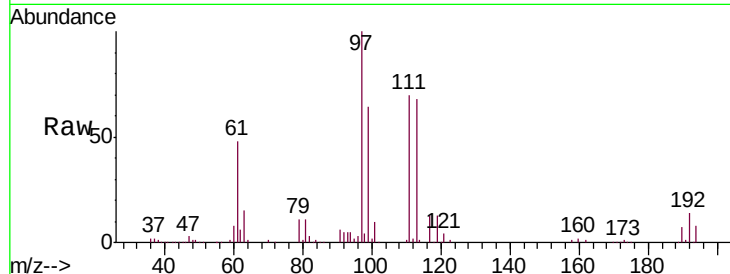
MSVOA_X

ClientSampleId :

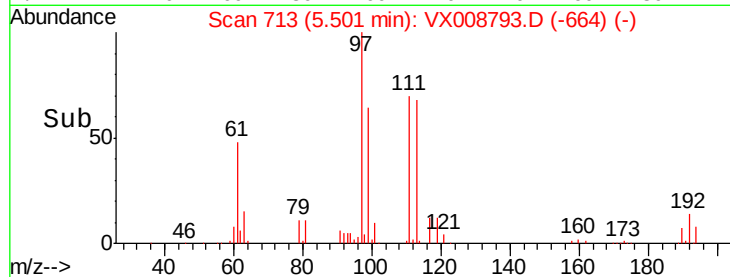
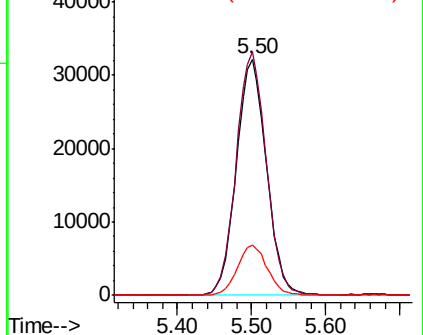
VSTDCCC050EC

Tgt Ion:	113	Resp:	91586
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.4	125.2
192	20.9	16.1	24.1

Manual Integrations
APPROVED

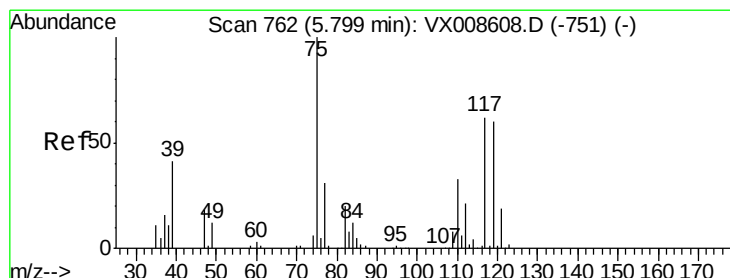


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



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#36

1,1-Dichloropropene

Concen: 42.794 ug/l

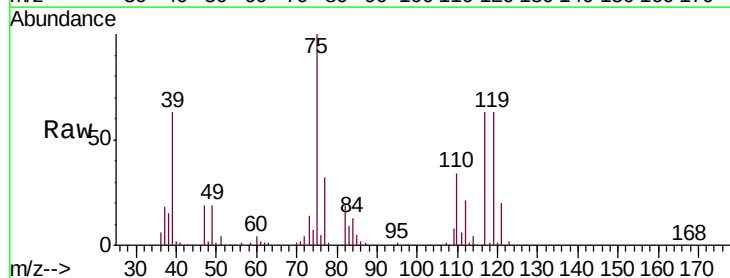
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

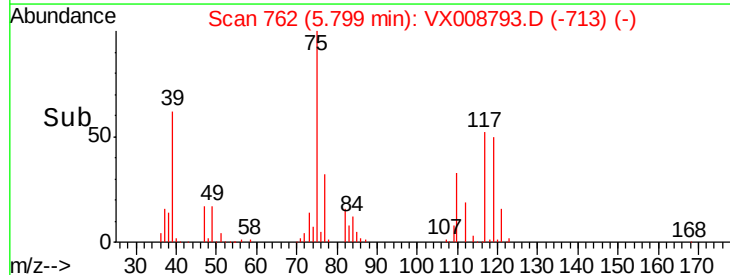
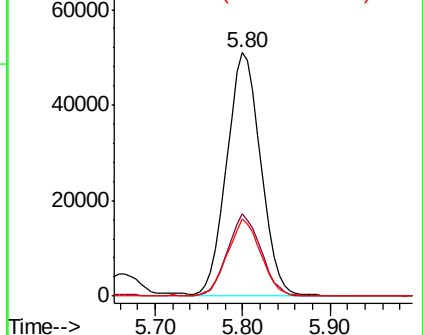
Lab File: VX008793.D

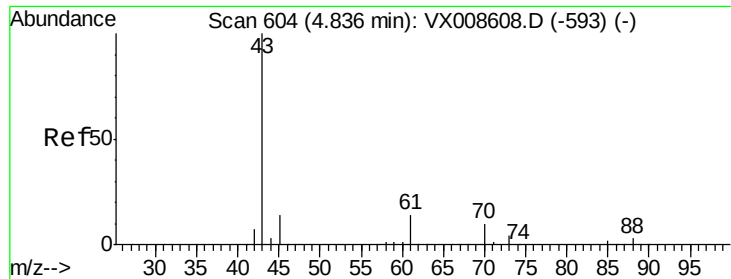
Acq: 09 Apr 2019 23:58

Tgt Ion:	75	Resp:	137324
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.4	49.2
77	31.3	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0



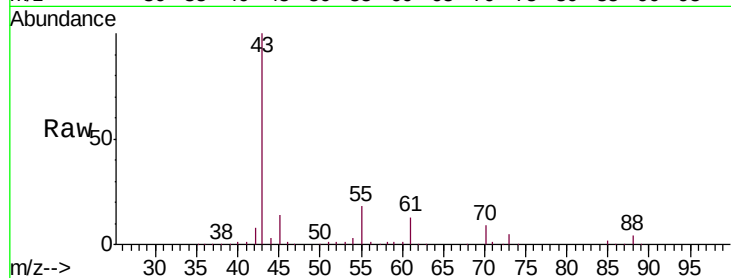


#37
Ethyl Acetate
Concen: 45.460 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.3	15.5
70	9.7	7.6	11.4

Manual Integrations
APPROVED

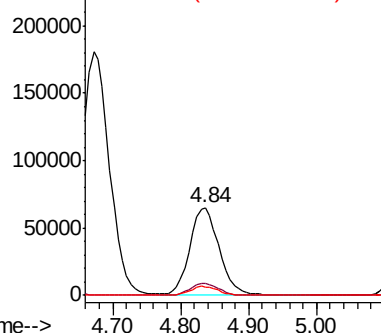


Abundance

Ion 43.00 (42.70 to 43.70): VX0

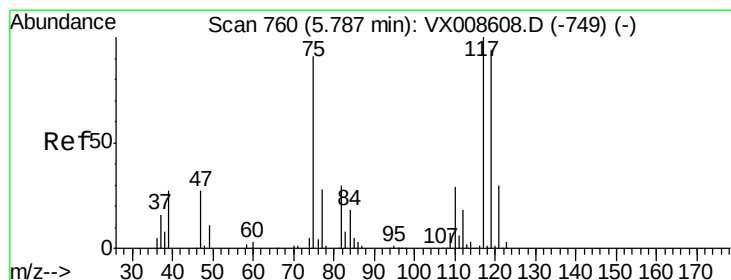
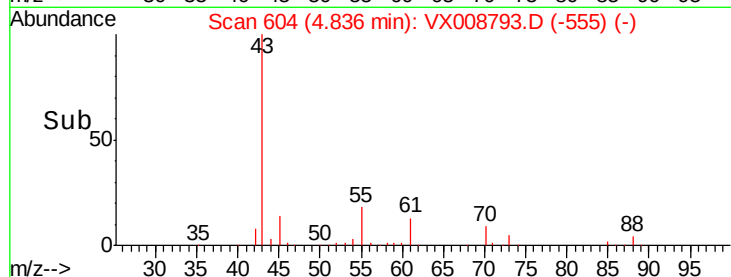
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



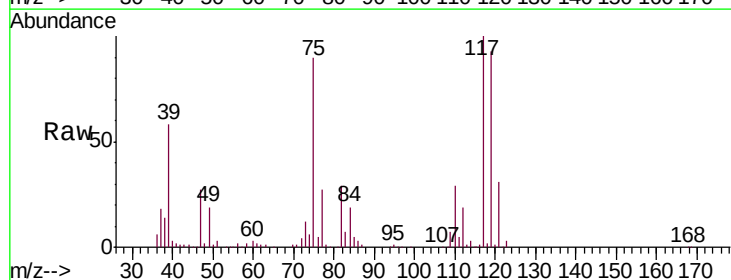
MMDadoda

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#38
Carbon Tetrachloride
Concen: 45.534 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.0	112.6
121	30.6	24.3	36.5

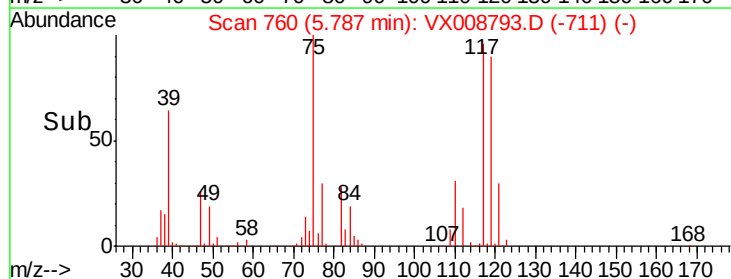
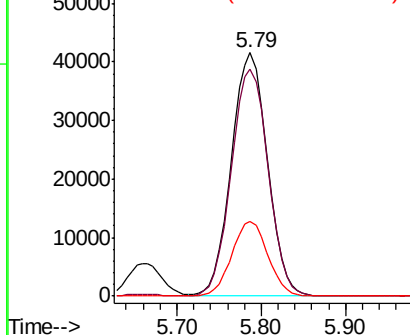


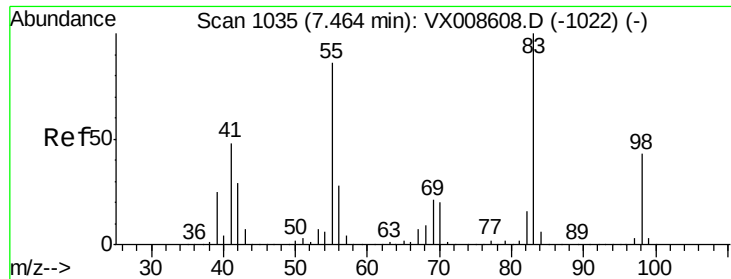
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



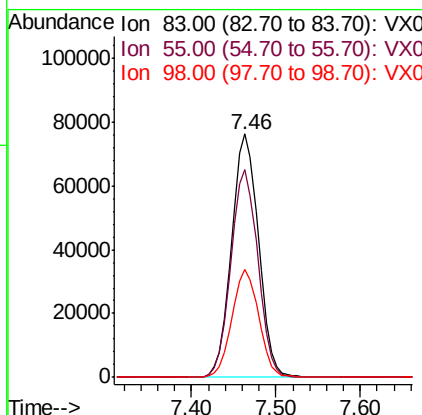
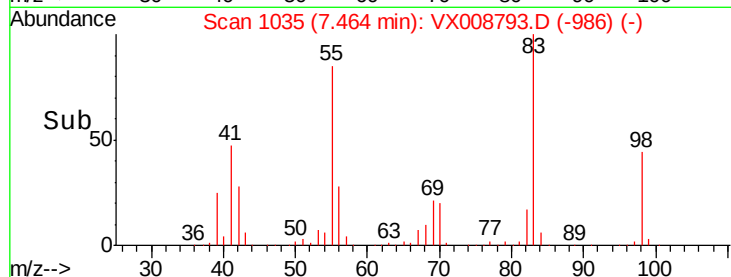
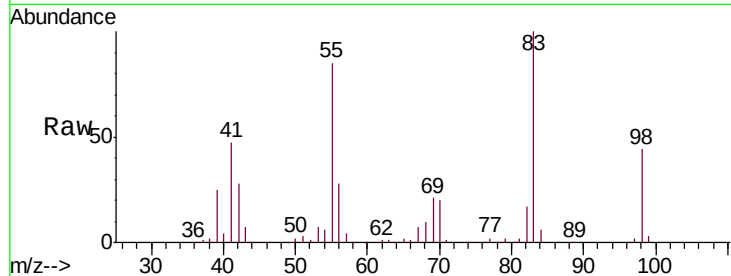


#39
Methylcyclohexane
Concen: 41.616 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

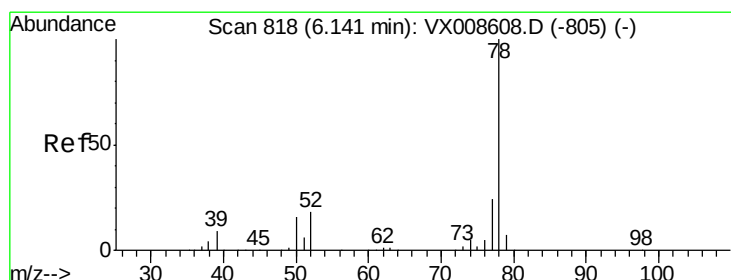
Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.4	69.0	103.6
98	44.2	34.4	51.6

Manual Integrations
APPROVED



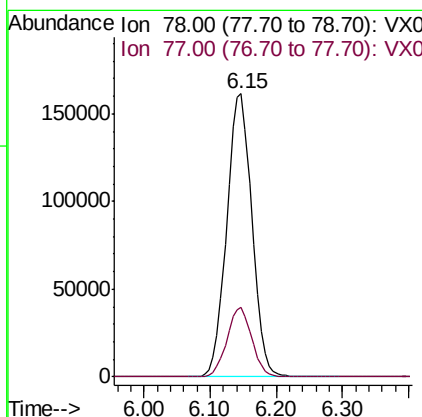
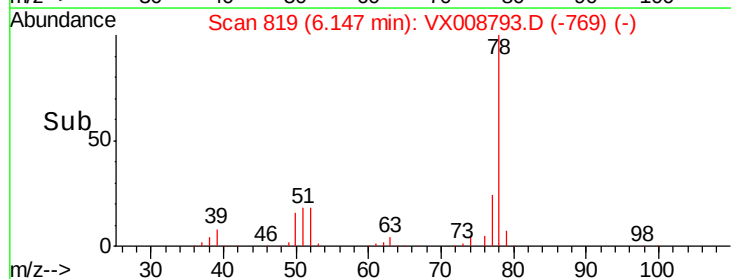
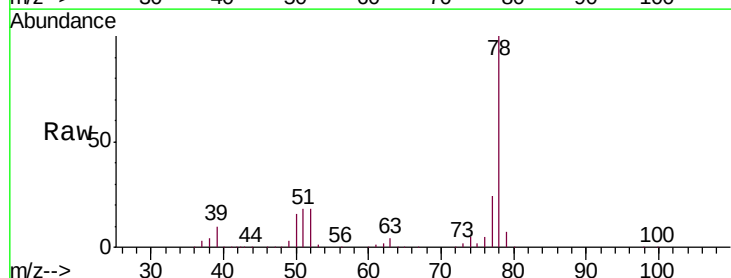
MMDadoda

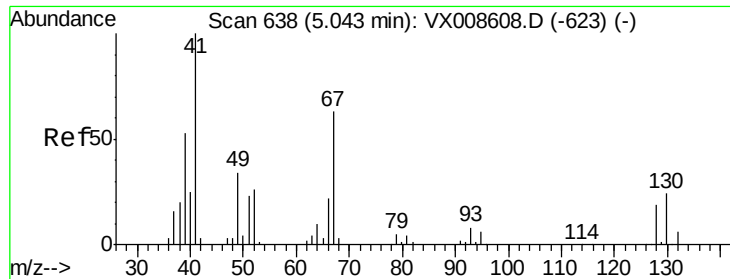
4/10/2019 10:05:31 AM



#40
Benzene
Concen: 44.542 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7



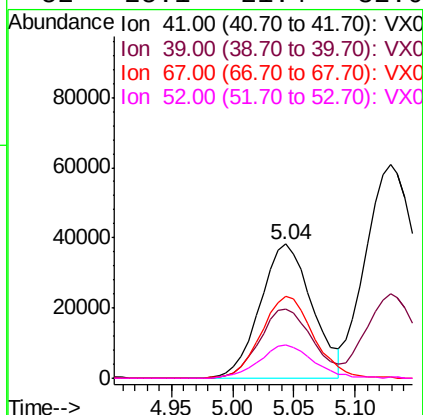
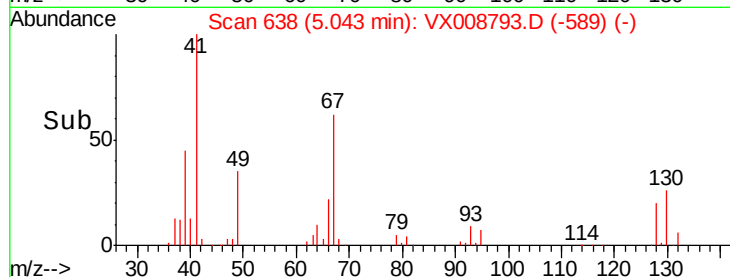
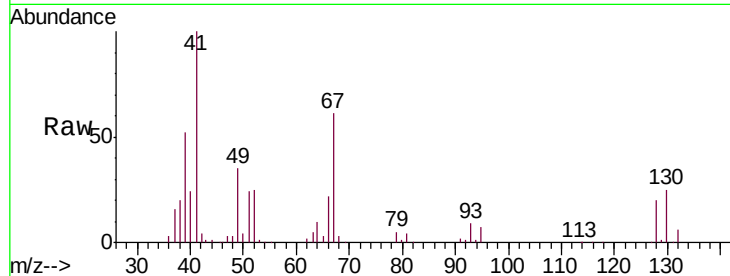


#41
Methacrylonitrile
Concen: 45.915 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

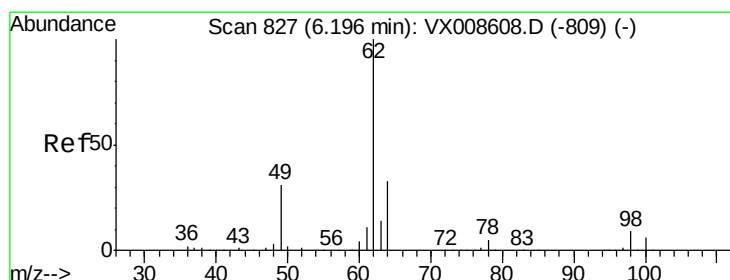
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	42.1	63.1	
67	61.9	51.0	76.6	
52	25.1	21.4	32.0	

Manual Integrations
APPROVED



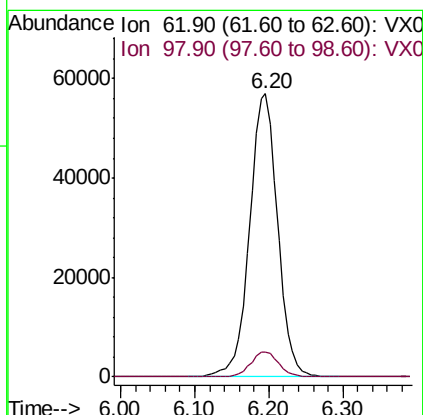
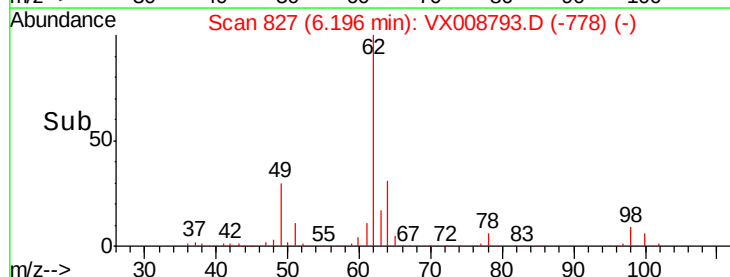
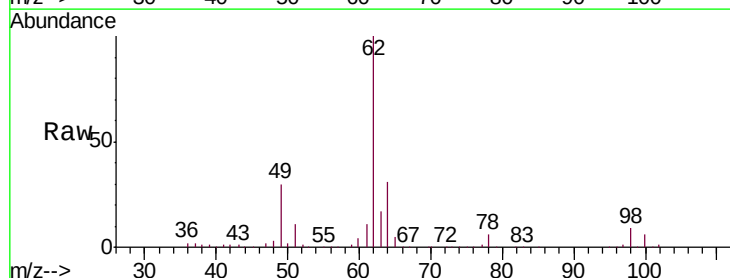
MMDadoda

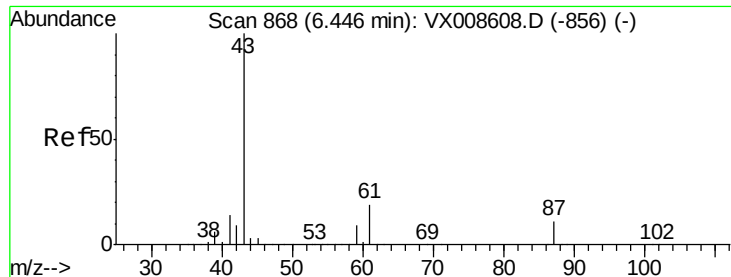
4/10/2019 10:05:31 AM



#42
1,2-Dichloroethane
Concen: 44.032 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.0	





#43

Isopropyl Acetate

Concen: 46.345 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

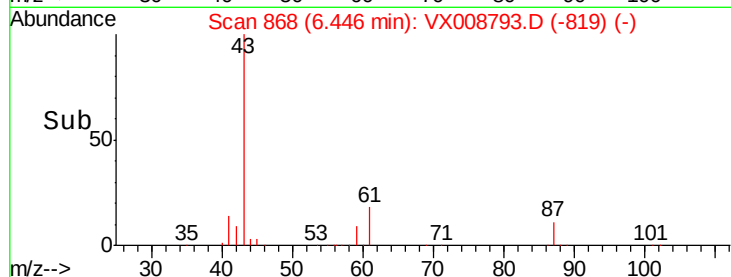
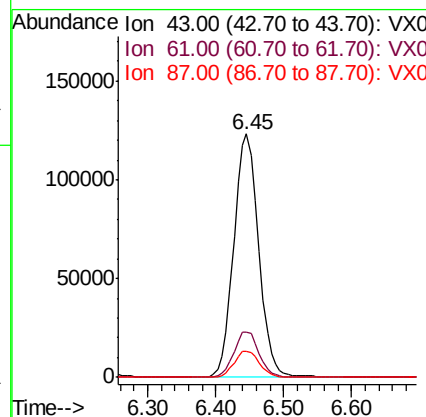
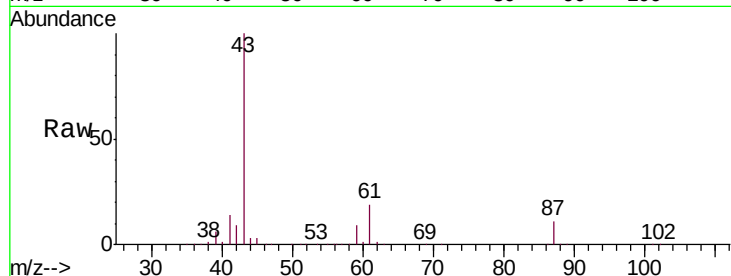
MSVOA_X

ClientSampleId :

VSTDCCC050EC

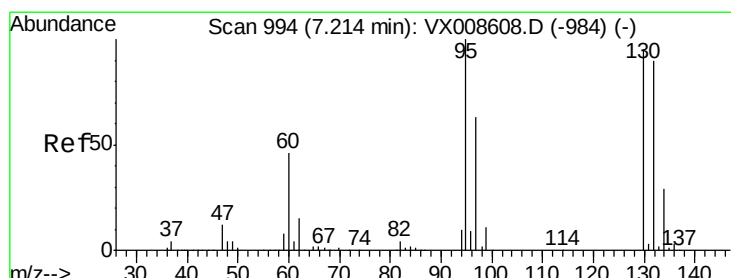
Tgt Ion:	43	Resp:	310962
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.3	22.9
87	11.1	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 44.797 ug/l

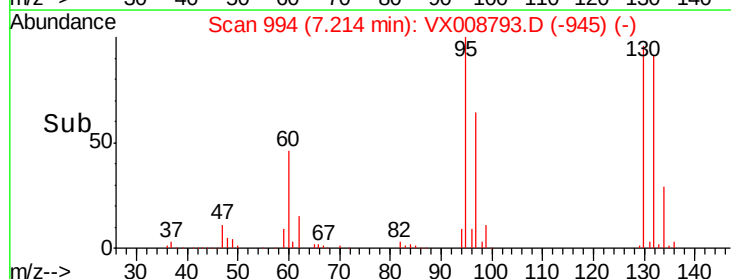
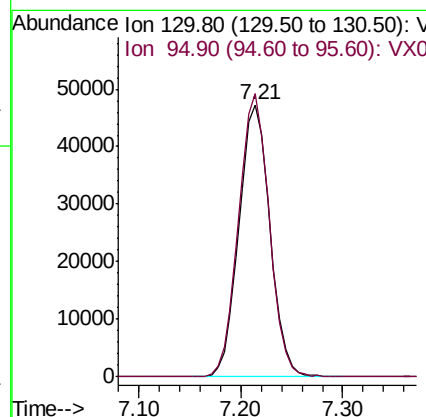
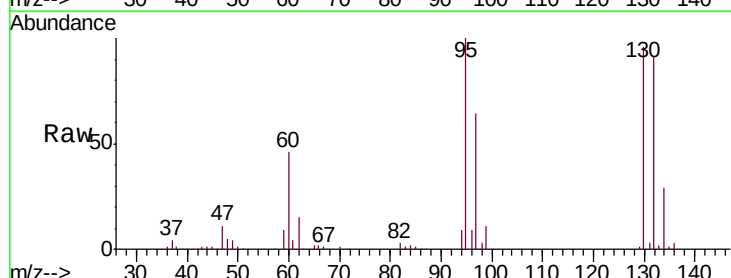
RT: 7.21 min Scan# 994

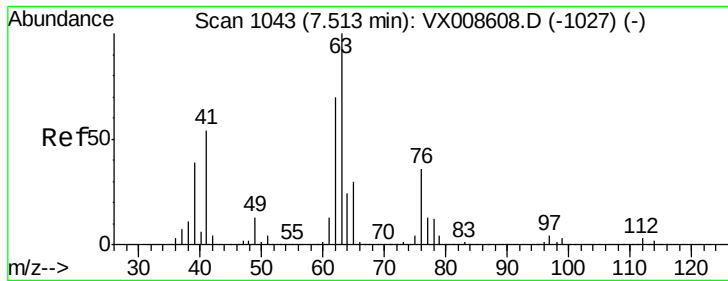
Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Tgt Ion:	130	Resp:	99743
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	209.8



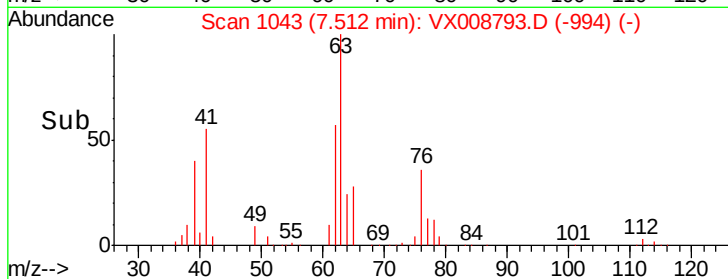
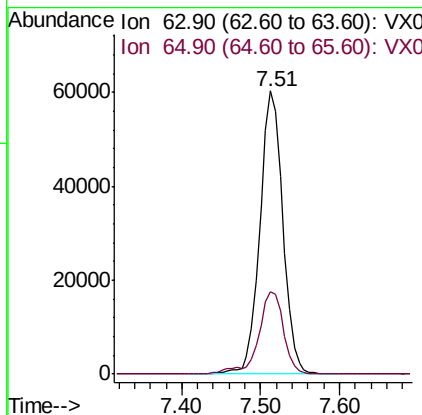
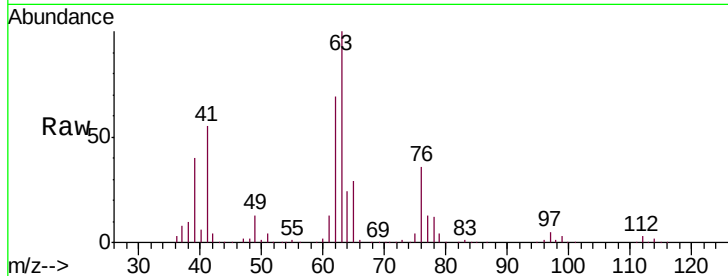


#45
 1,2-Dichloropropane
 Concen: 44.772 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

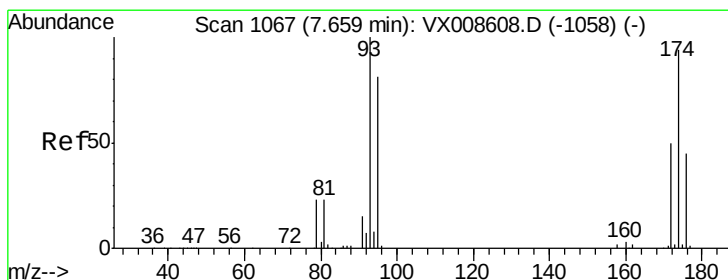
Tgt Ion: 63 Resp: 122165
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.2 36.4

Manual Integrations
 APPROVED



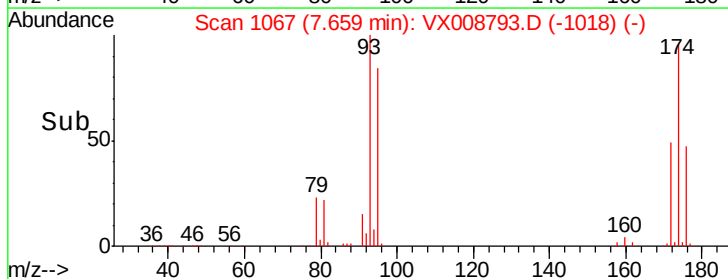
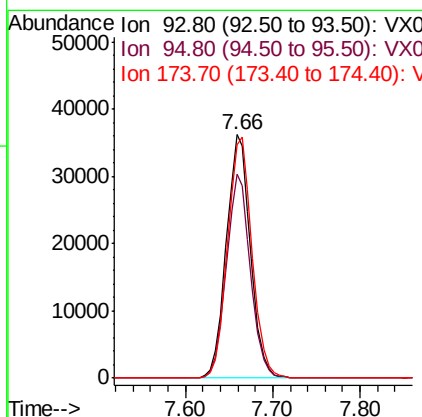
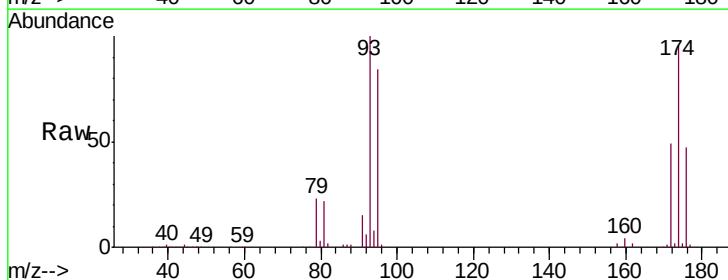
MMDadoda

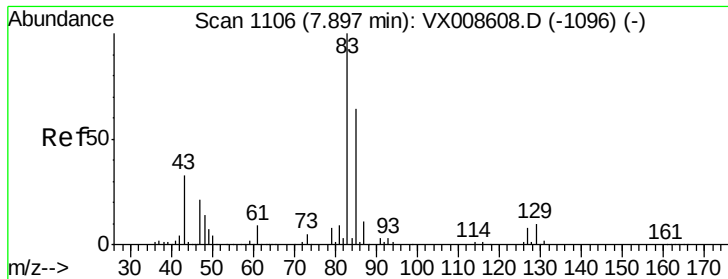
4/10/2019 10:05:31 AM



#46
 Dibromomethane
 Concen: 43.495 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 93 Resp: 68833
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 99.8
 174 101.1 77.7 116.5



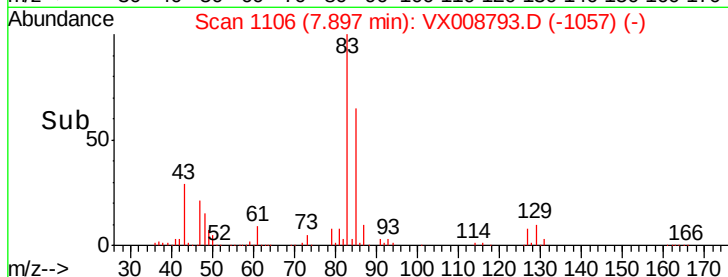
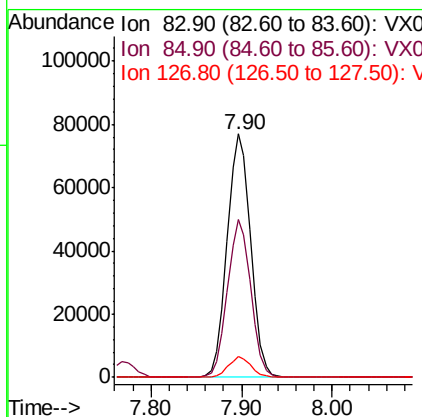
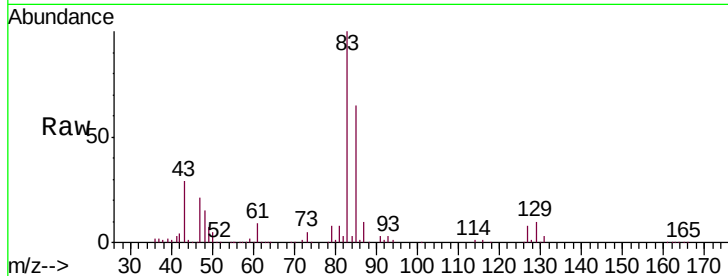


#47
Bromodichloromethane
Concen: 46.387 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

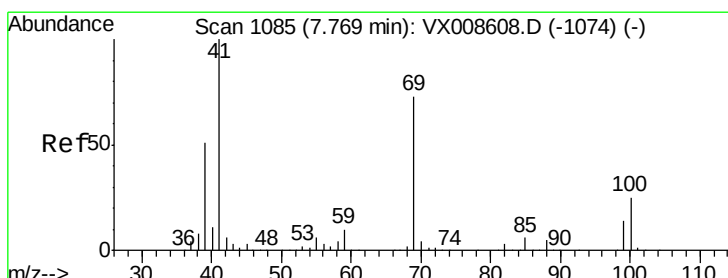
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.2	76.8
127	8.4	6.6	10.0

Manual Integrations
APPROVED



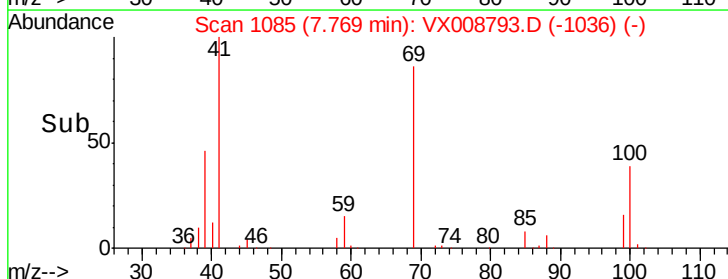
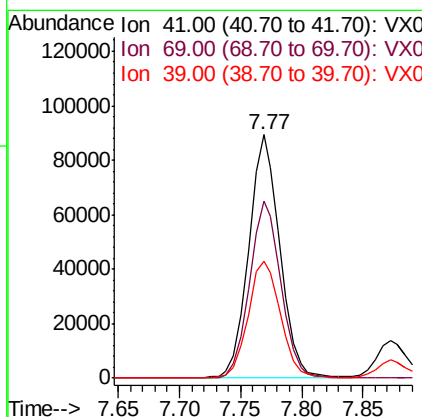
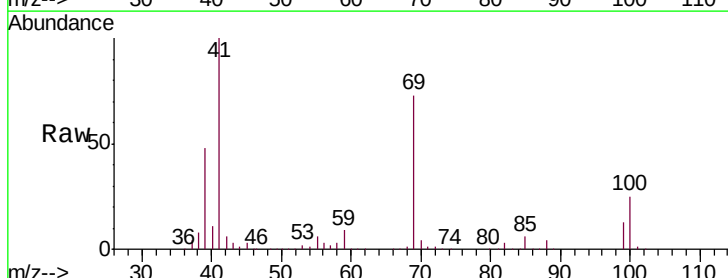
MMDadoda

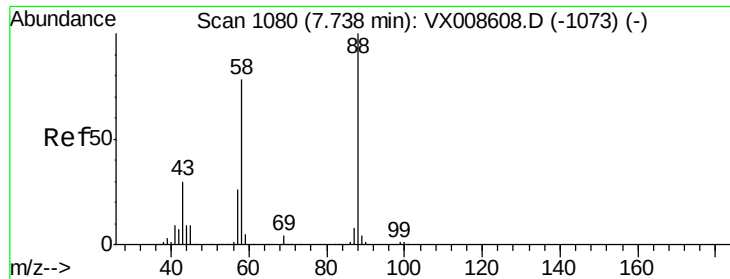
4/10/2019 10:05:31 AM



#48
Methyl methacrylate
Concen: 46.293 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.3	59.0	88.4
39	50.1	41.0	61.4



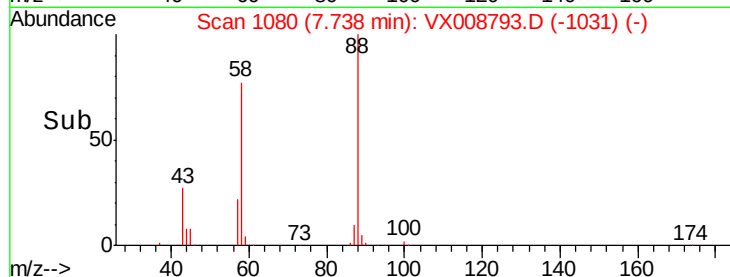
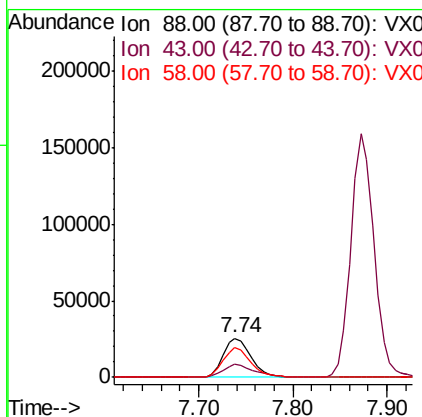
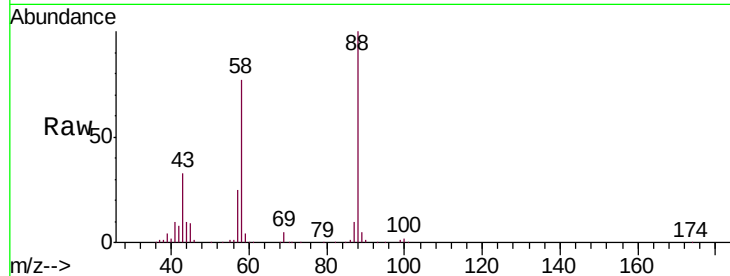


#49
1,4-Dioxane
Concen: 818.597 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

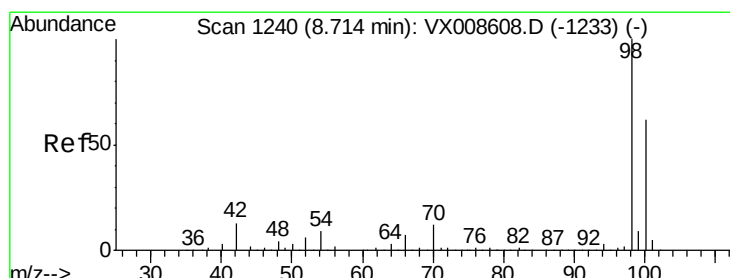
Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.9	28.6	43.0
58	78.1	62.2	93.2

Manual Integrations
APPROVED



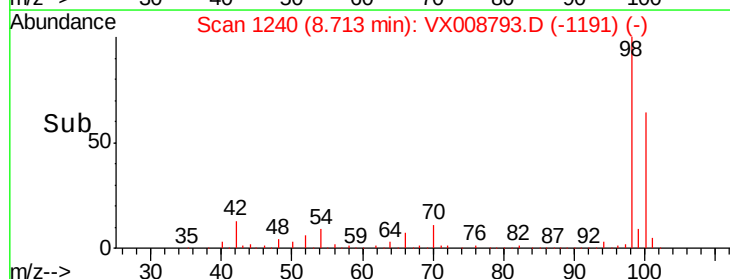
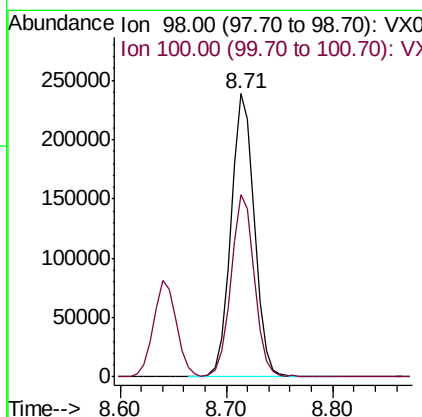
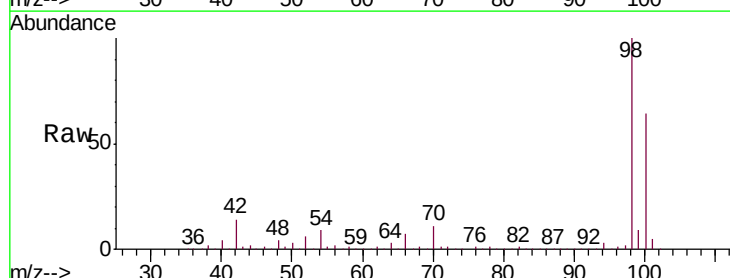
MMDadoda

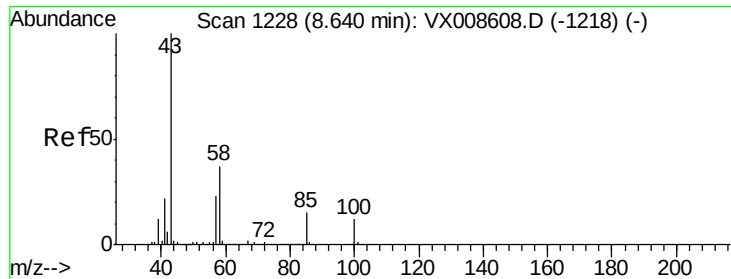
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#50
Toluene-d8
Concen: 49.256 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 231.654 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1000590

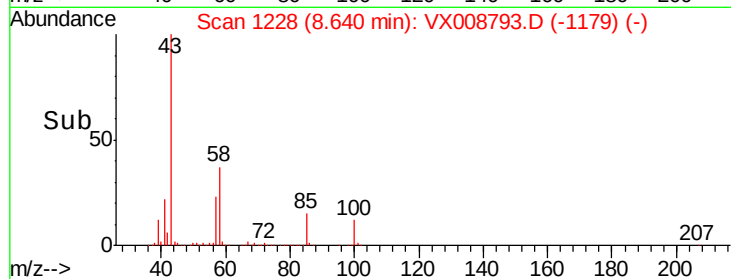
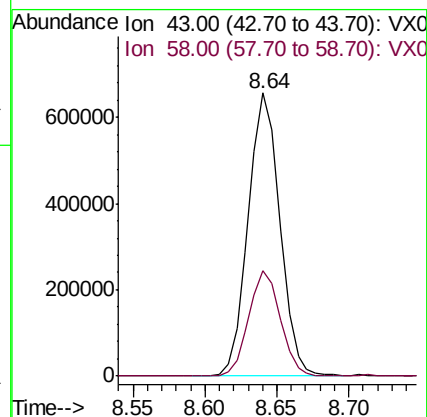
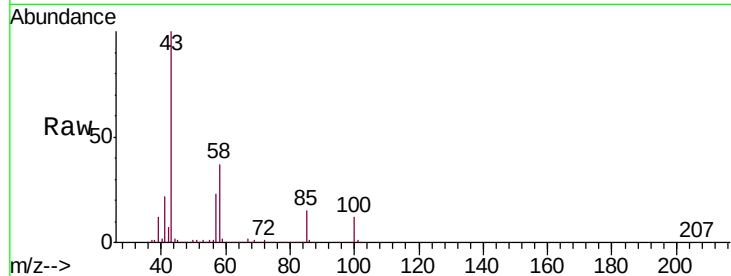
Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3

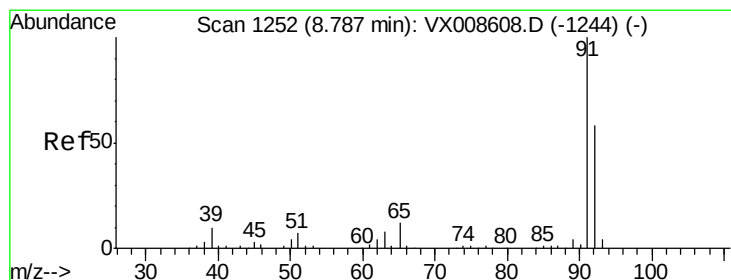
Manual Integrations

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#52

Toluene

Concen: 45.223 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008793.D

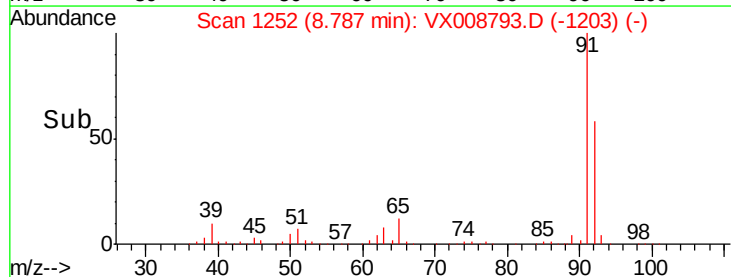
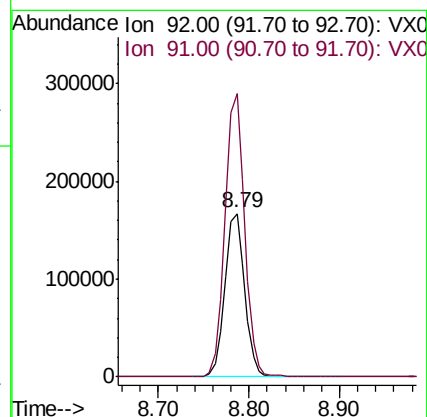
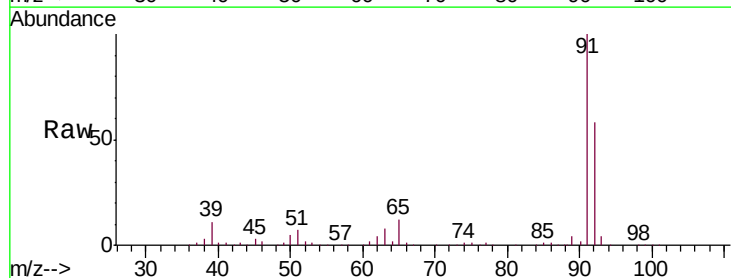
Acq: 09 Apr 2019 23:58

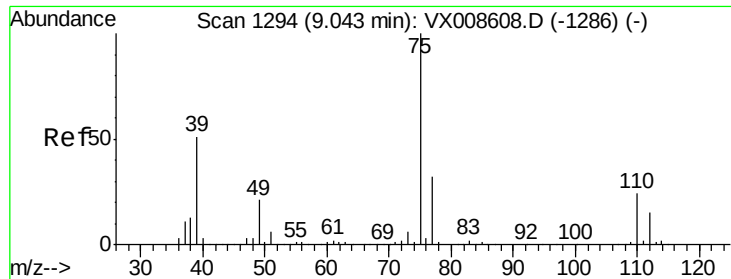
Tgt Ion: 92 Resp: 254877

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7



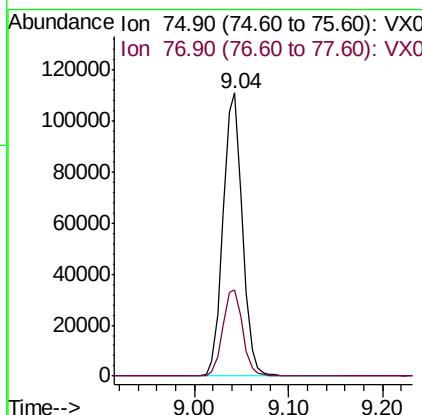
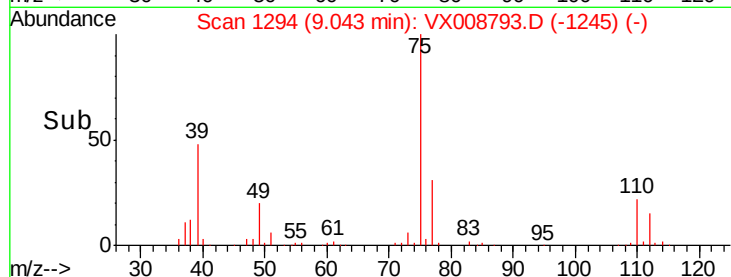
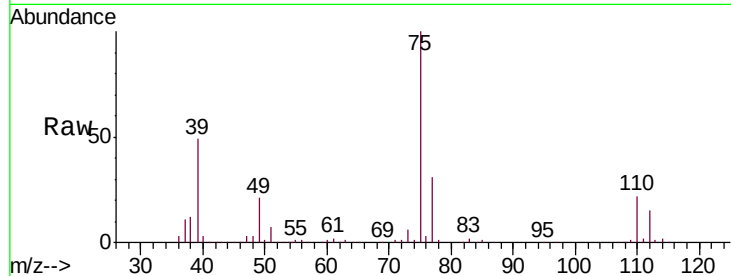


#53
t-1,3-Dichloropropene
Concen: 47.130 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

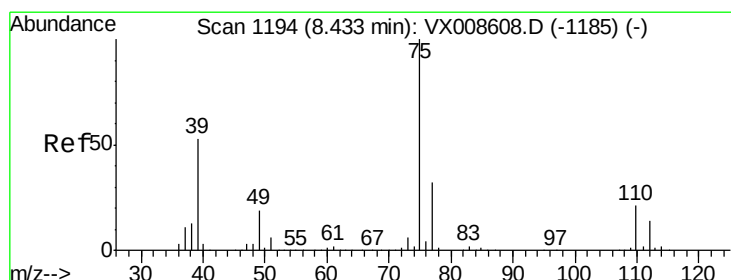
Tgt Ion: 75 Resp: 157532
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8

Manual Integrations
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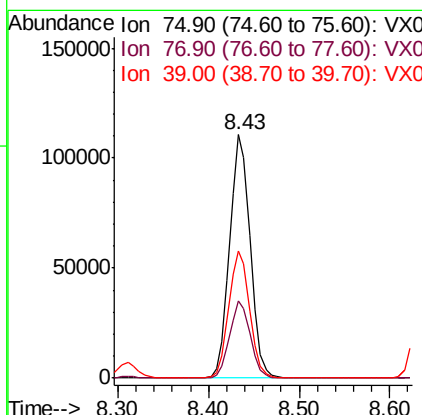
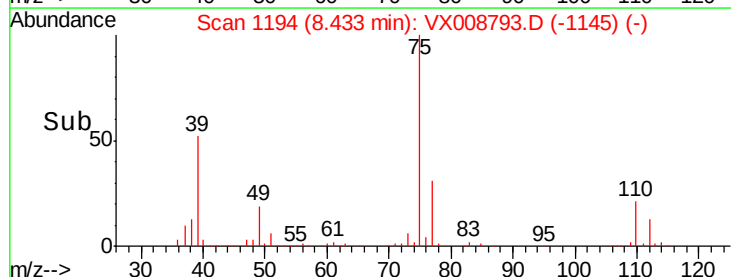
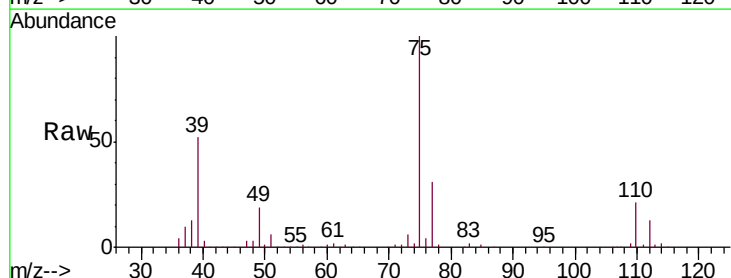
MMDadoda

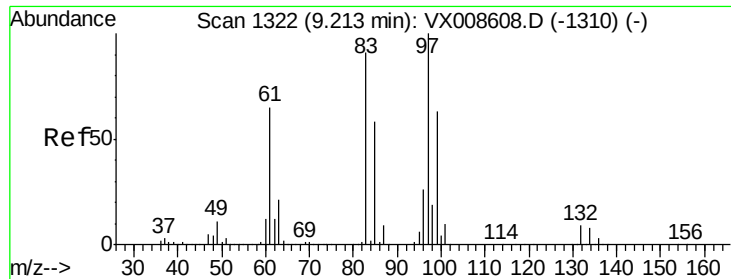
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#54
cis-1,3-Dichloropropene
Concen: 45.531 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 75 Resp: 173894
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 52.2 42.6 63.8



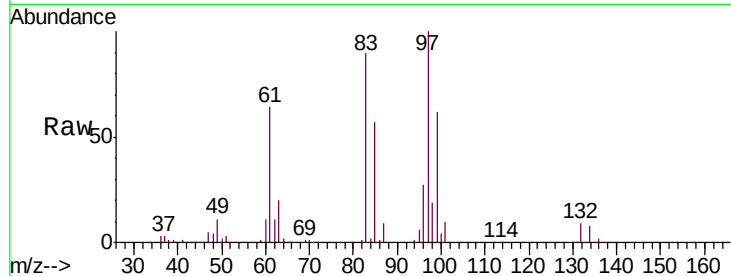


#55
 1,1,2-Trichloroethane
 Concen: 45.948 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

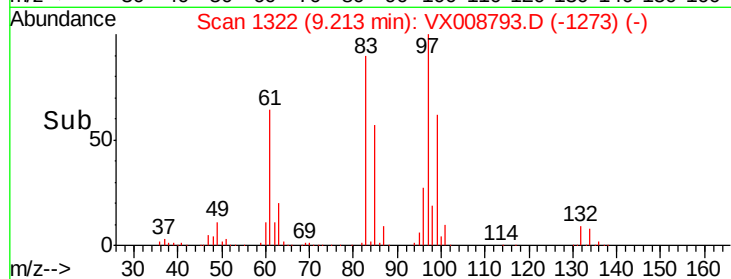
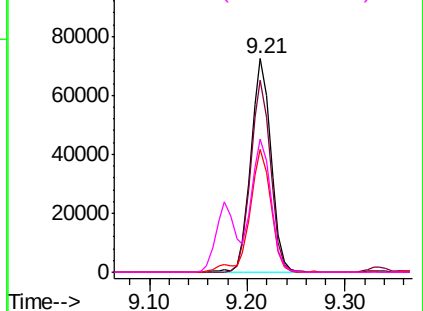
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	103951		
83	89.9	73.2	109.8	
85	57.3	46.6	69.8	
99	62.4	50.1	75.1	

Manual Integrations
 APPROVED

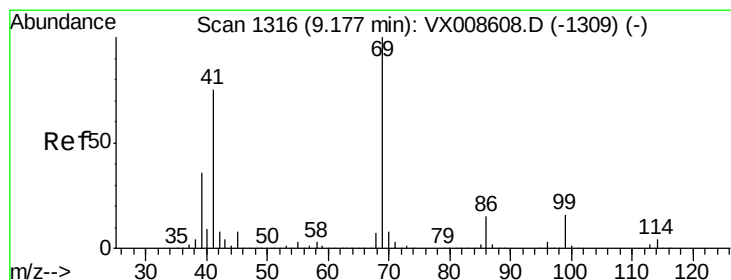


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



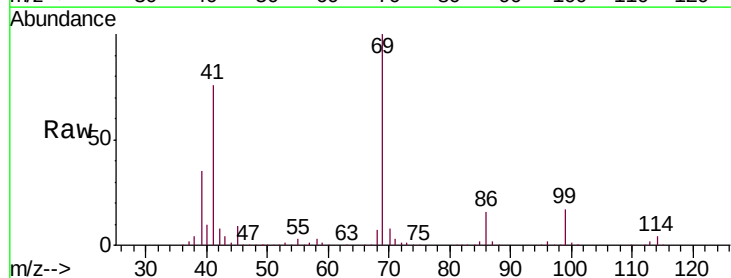
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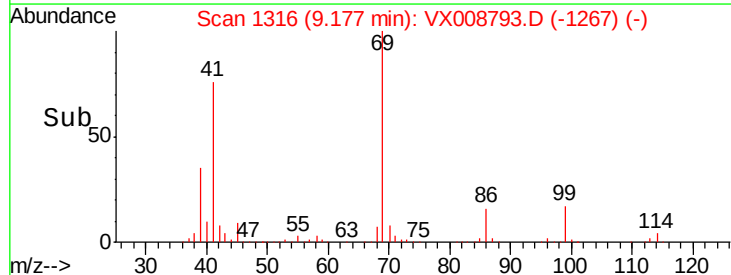
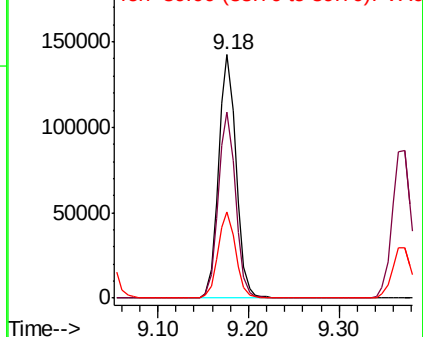


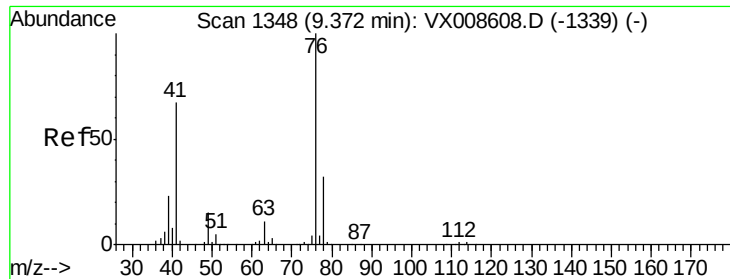
#56
 Ethyl methacrylate
 Concen: 47.167 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	193070		
41	75.8	60.1	90.1	
39	35.5	28.9	43.3	



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



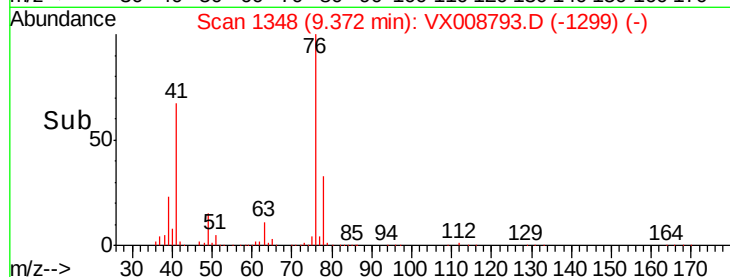
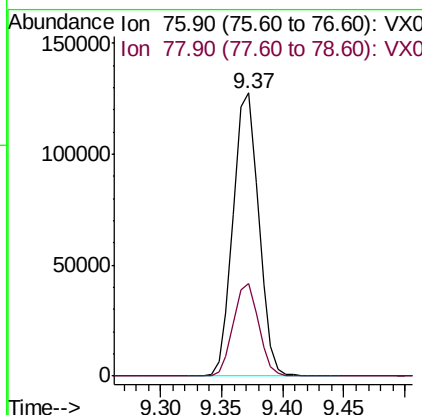
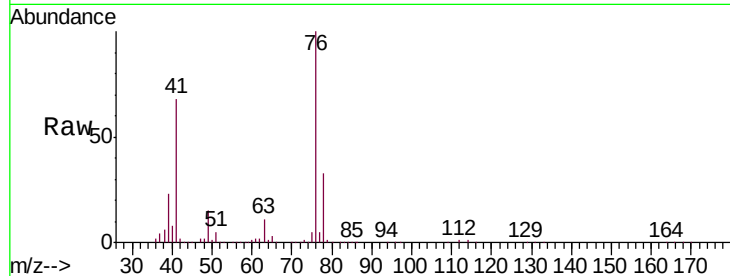


#57
 1,3-Dichloropropane
 Concen: 45.638 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

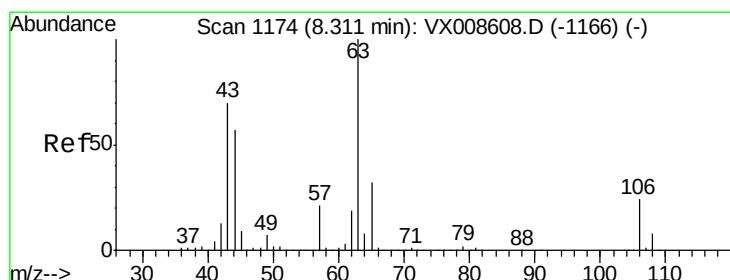
Tgt Ion: 76 Resp: 185400
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

Manual Integrations
 APPROVED



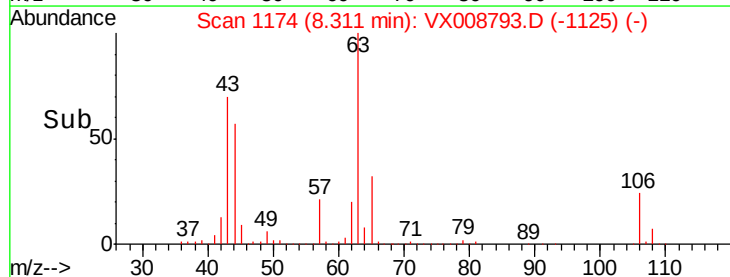
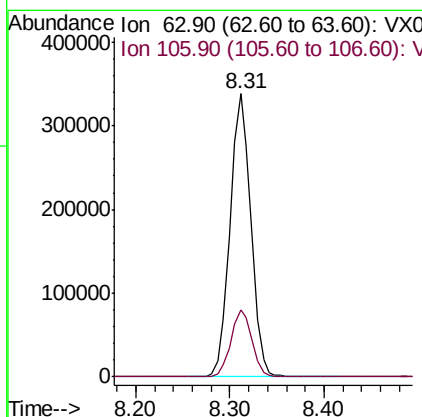
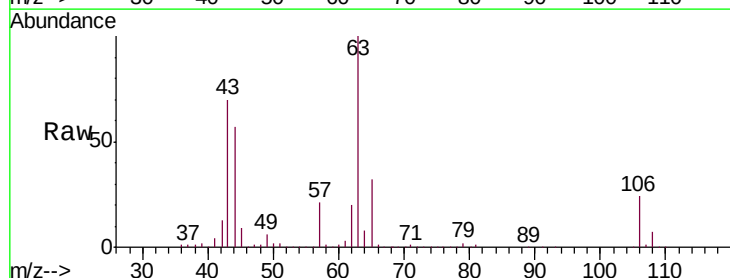
MMDadoda

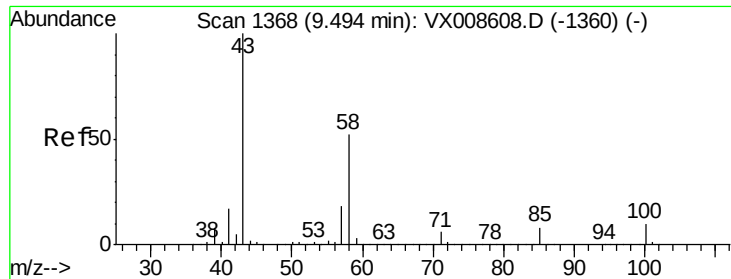
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.544 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion: 63 Resp: 517397
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6



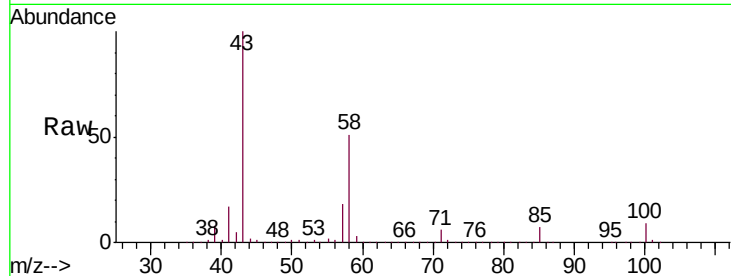


#59
2-Hexanone
Concen: 227.185 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

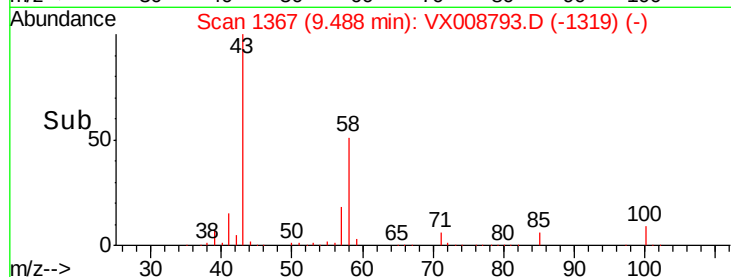
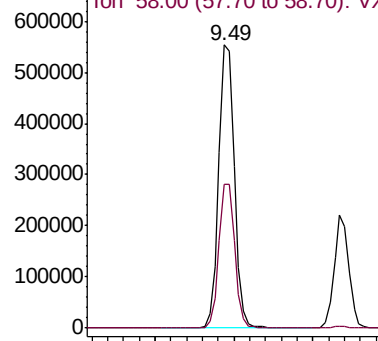
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 762606
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7

Manual Integrations
APPROVED

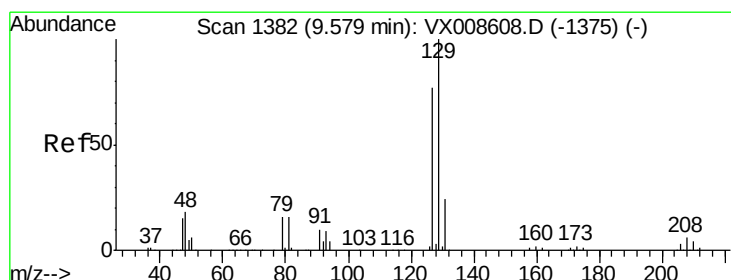


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



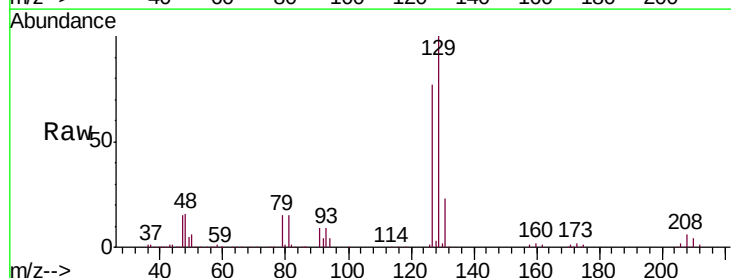
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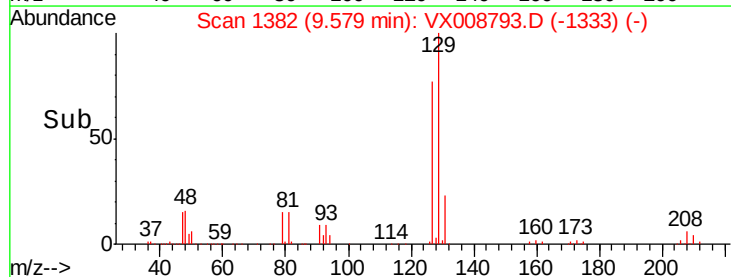
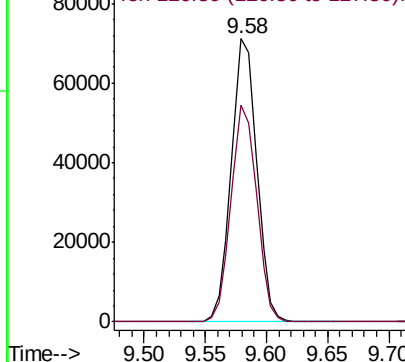


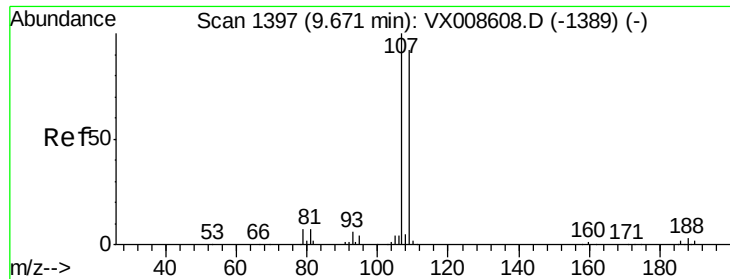
#60
Dibromochloromethane
Concen: 48.061 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 129 Resp: 102459
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



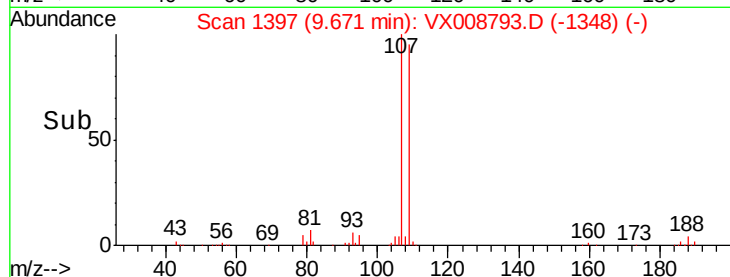
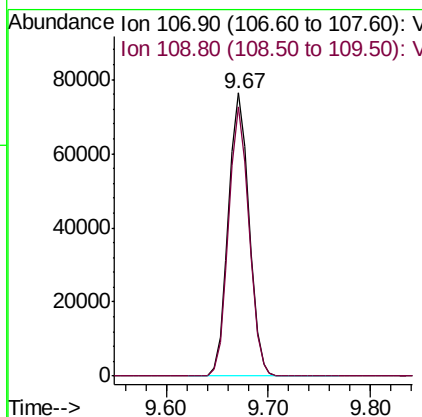
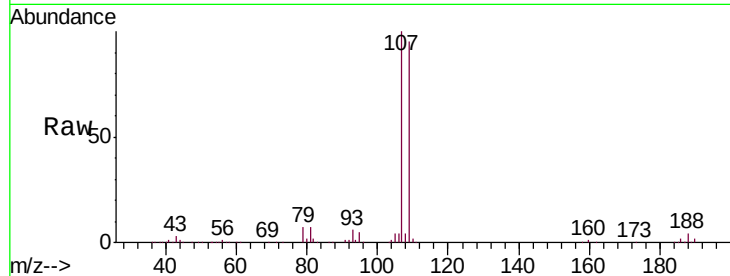


#61
1,2-Dibromoethane
Concen: 45.493 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

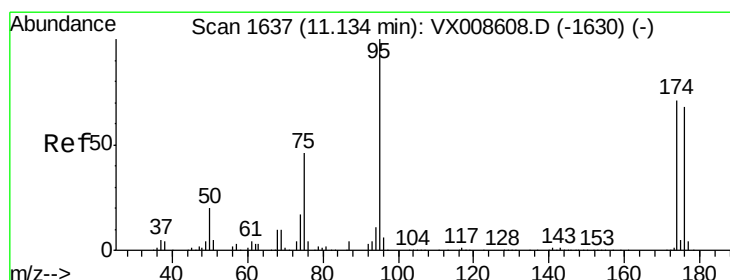
Tgt Ion: 107 Resp: 107144
Ion Ratio Lower Upper
107 100
109 93.8 74.1 111.1

Manual Integrations
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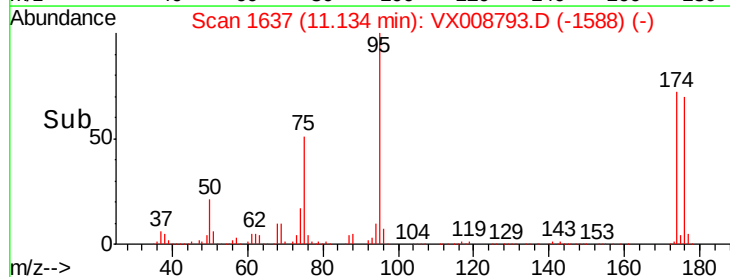
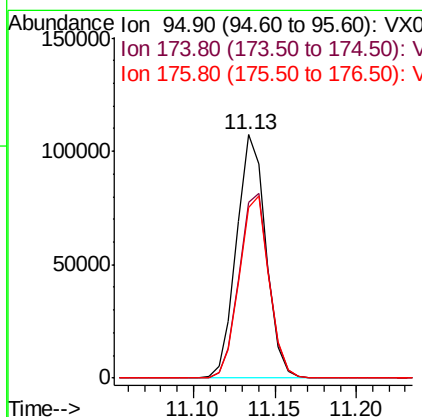
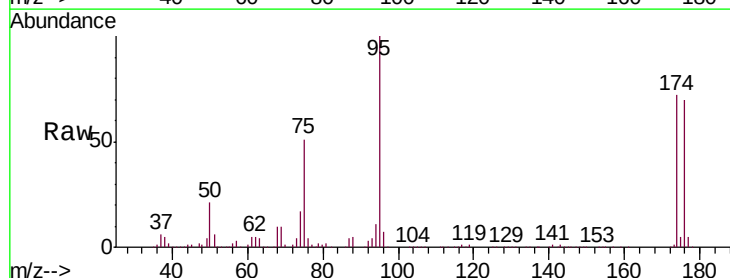
MMDadoda

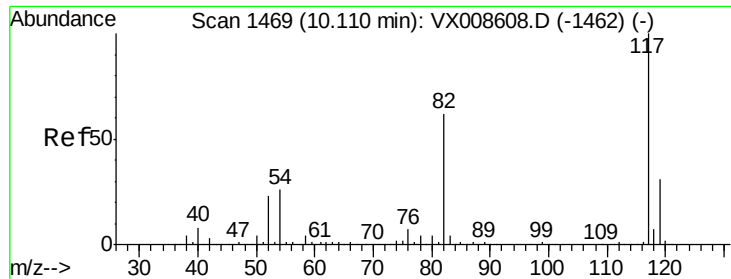
4/10/2019 10:05:31 AM



#62
4-Bromofluorobenzene
Concen: 50.690 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 95 Resp: 134340
Ion Ratio Lower Upper
95 100
174 77.9 0.0 151.8
176 76.3 0.0 145.8



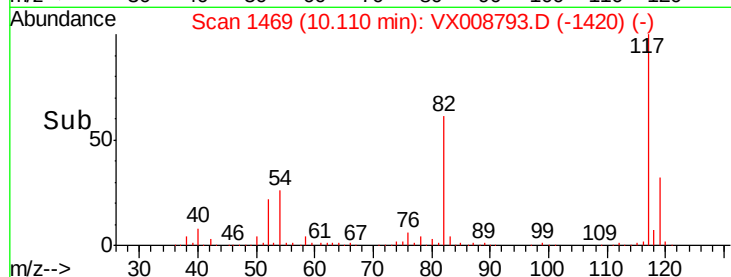
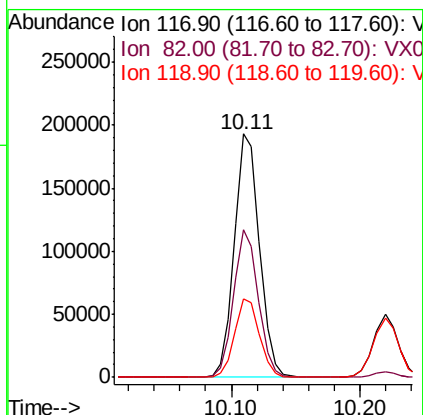
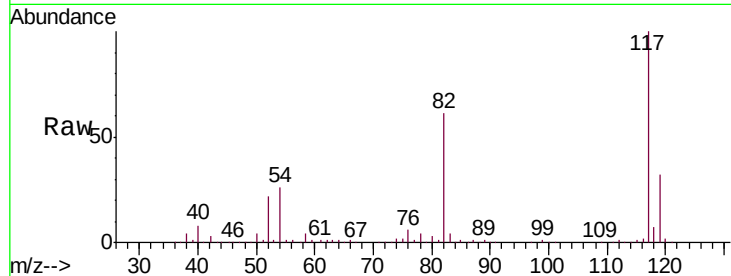


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

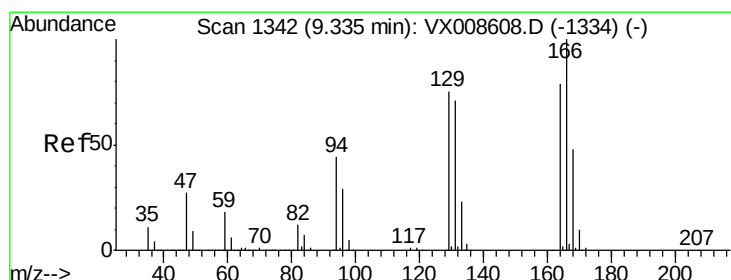
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	262330		
82	60.6	49.6	74.4	
119	32.3	25.0	37.4	

Manual Integrations
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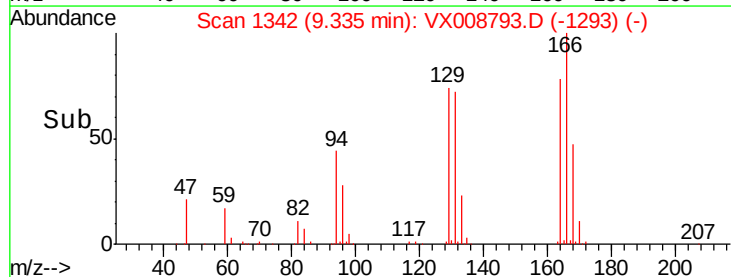
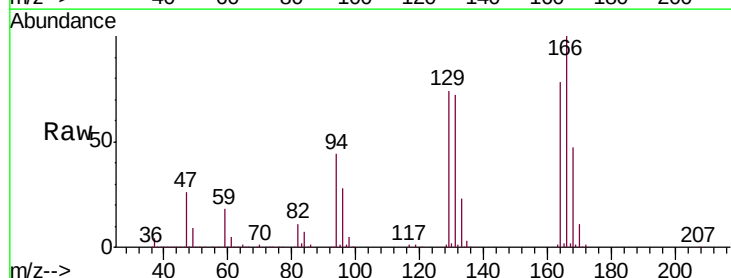
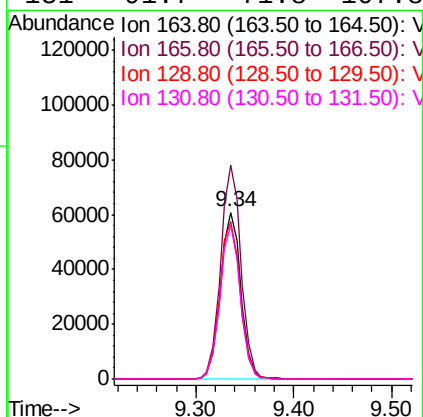
MMDadoda

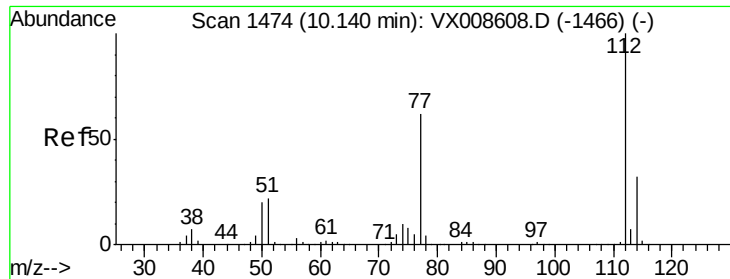
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#64
Tetrachloroethene
Concen: 45.257 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87962		
166	128.0	101.0	151.6	
129	94.5	75.8	113.8	
131	91.7	71.8	107.8	





#65

Chlorobenzene

Concen: 44.800 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 260515

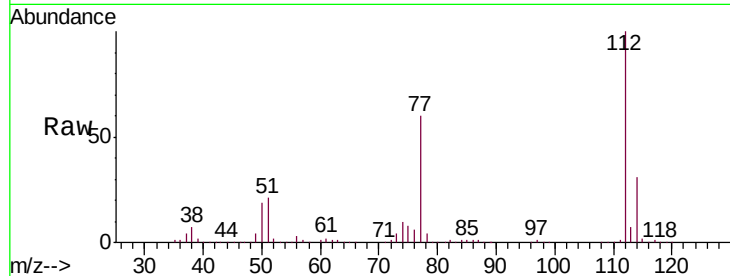
Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.8

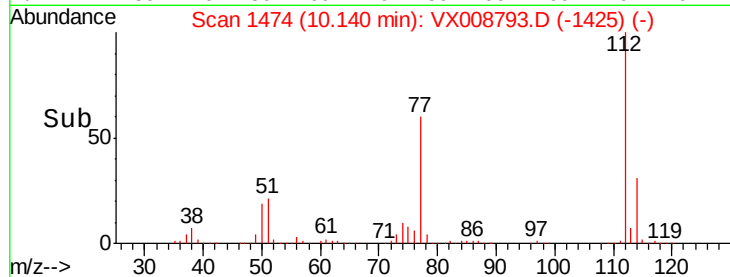
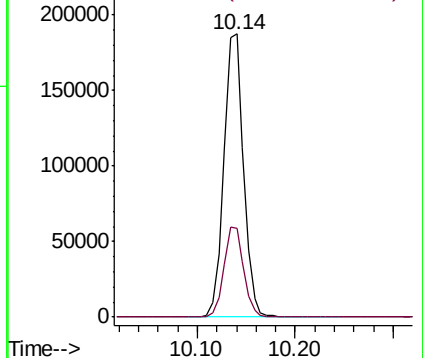
Manual Integrations

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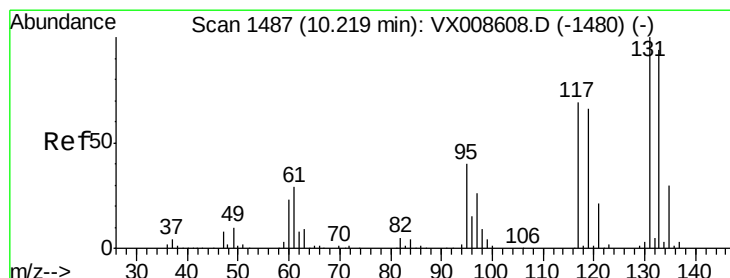
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



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#66

1,1,1,2-Tetrachloroethane

Concen: 46.151 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

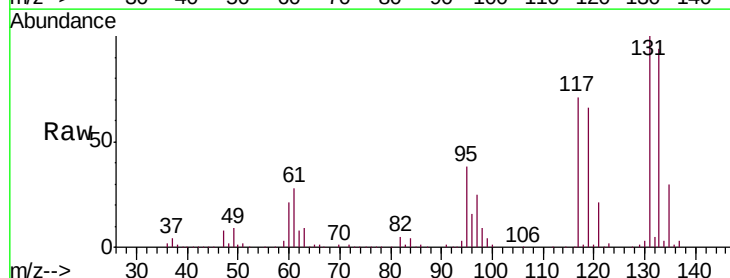
Tgt Ion:131 Resp: 94150

Ion Ratio Lower Upper

131 100

133 95.6 47.0 141.2

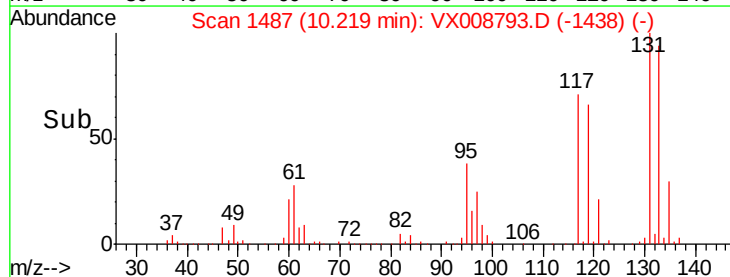
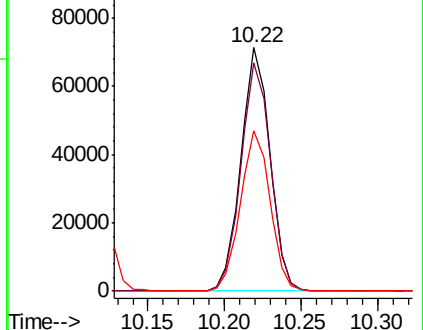
119 67.3 33.7 101.0

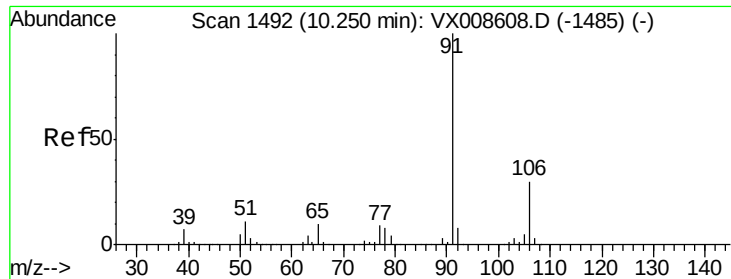


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



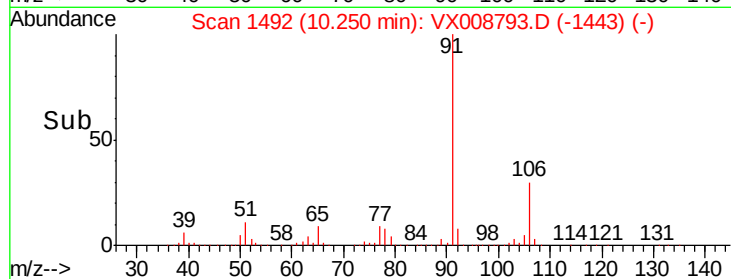
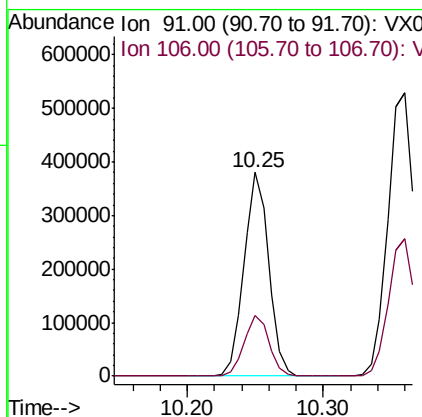
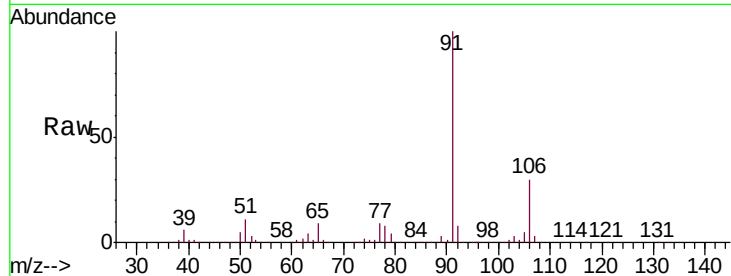


#67
Ethyl Benzene
Concen: 44.561 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

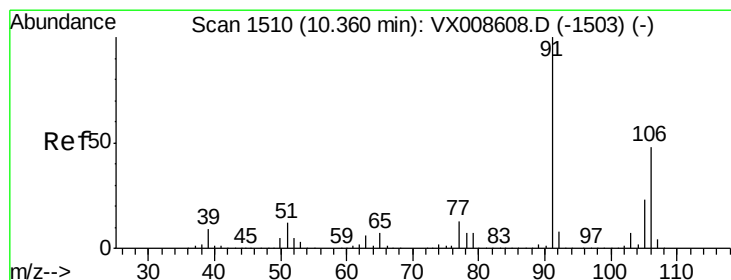
Tgt Ion: 91 Resp: 483184
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5

Manual Integrations
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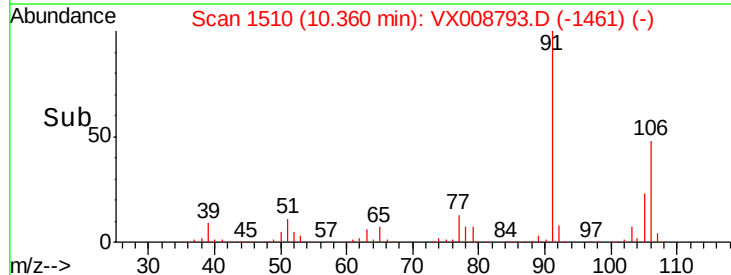
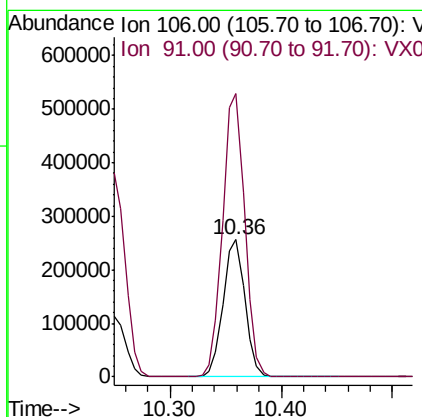
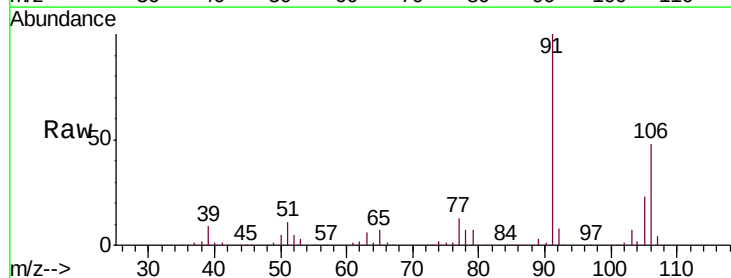
MMDadoda

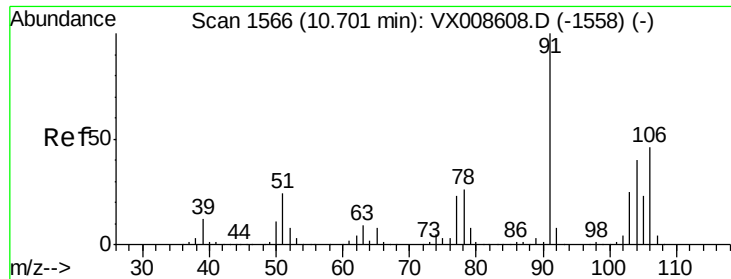
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#68
m/p-Xylenes
Concen: 89.240 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 106 Resp: 347920
Ion Ratio Lower Upper
106 100
91 209.9 168.5 252.7



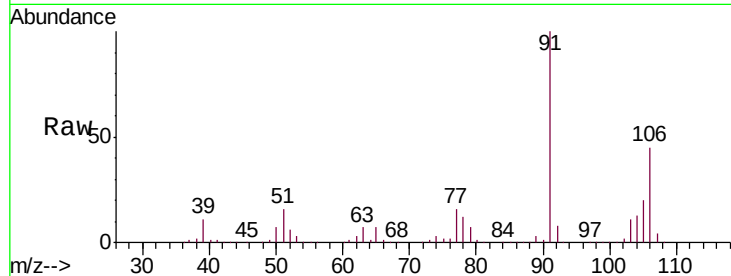


#69
o-Xylene
Concen: 44.825 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

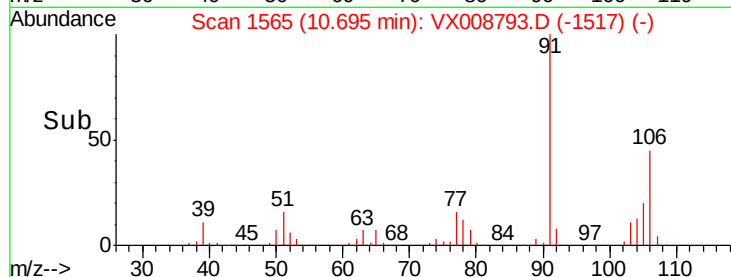
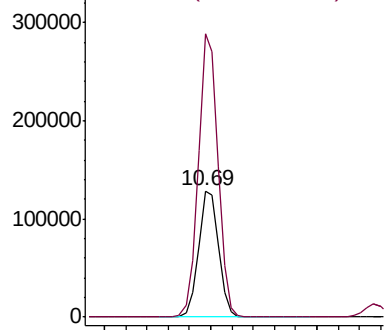
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion:106 Resp: 169361
Ion Ratio Lower Upper
106 100
91 220.3 111.5 334.4

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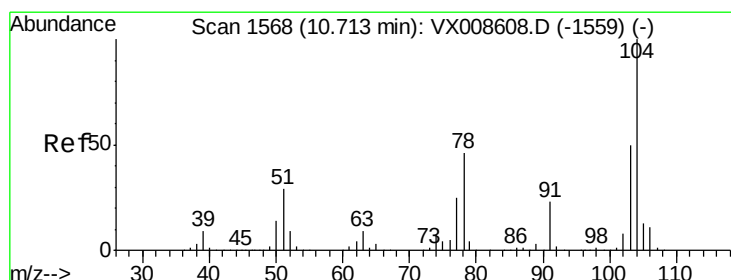


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



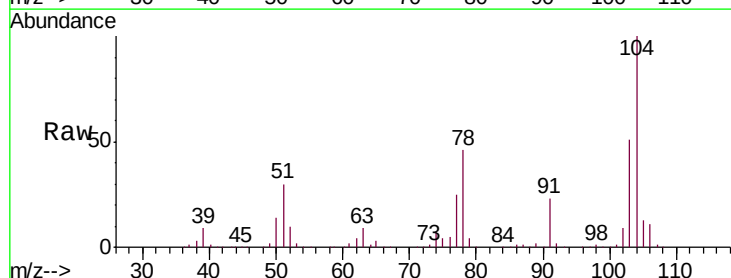
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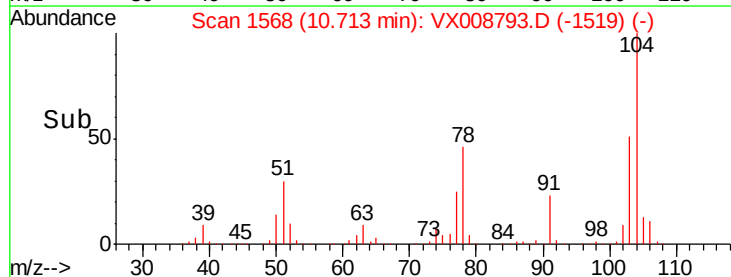
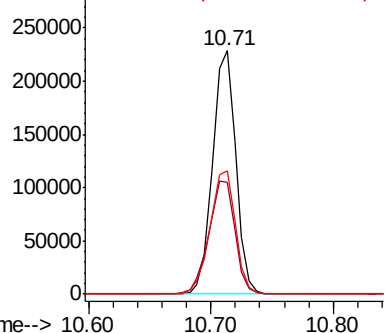


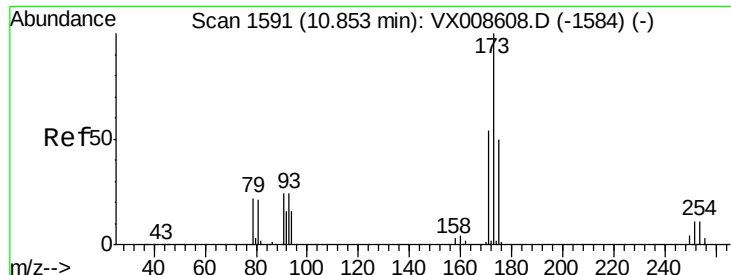
#70
Styrene
Concen: 45.973 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion:104 Resp: 299414
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.5 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



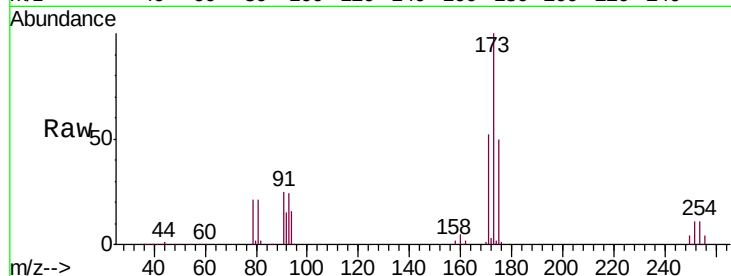


#71
Bromoform
Concen: 48.132 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

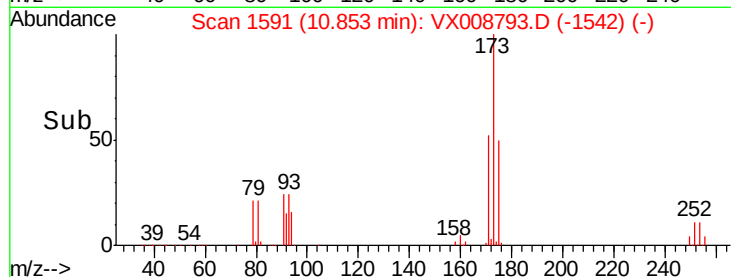
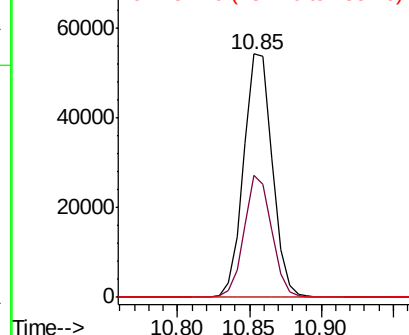
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.2	0.1	0.1#

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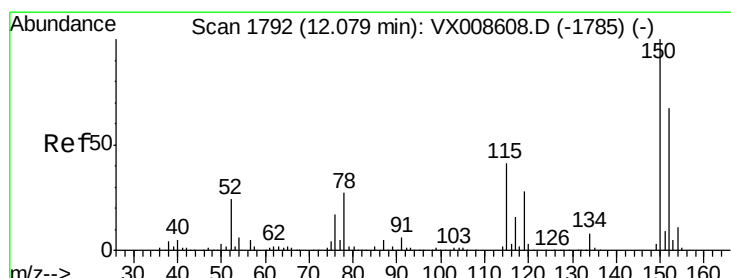


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



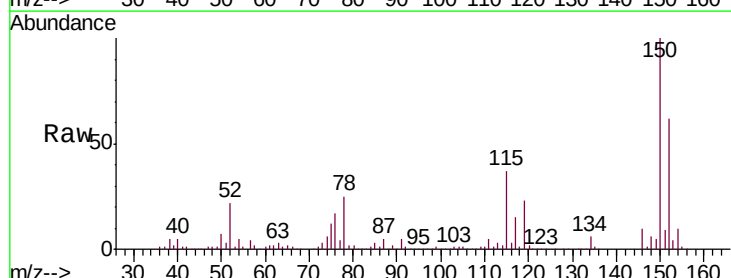
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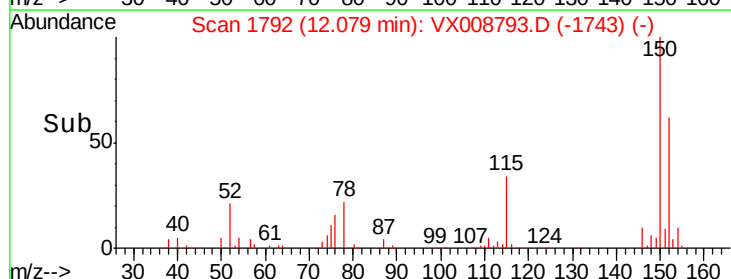
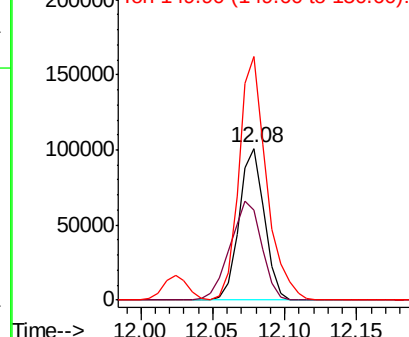


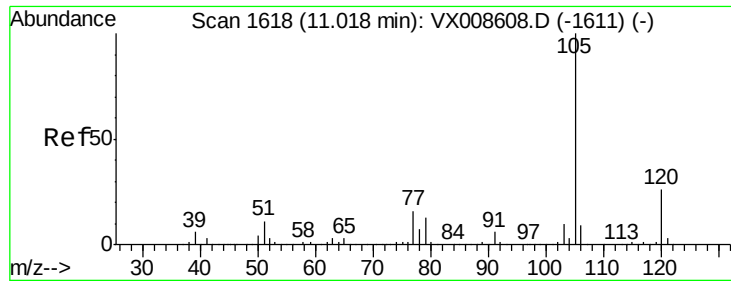
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.1	43.5	130.5
150	174.2	0.0	348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



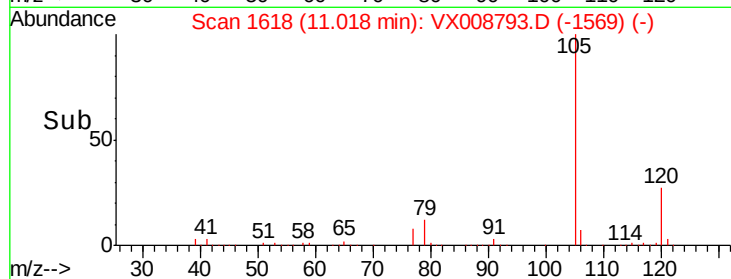
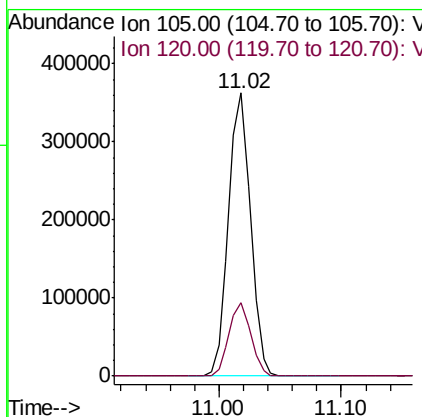
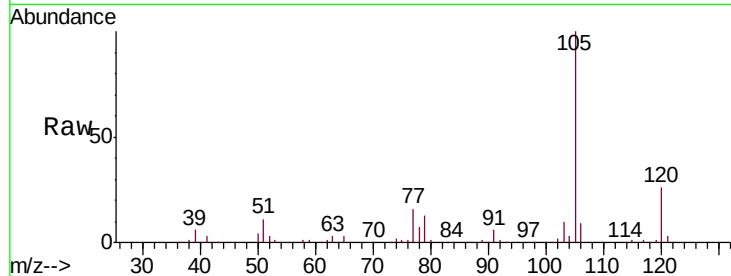


#73
Isopropylbenzene
Concen: 43.994 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

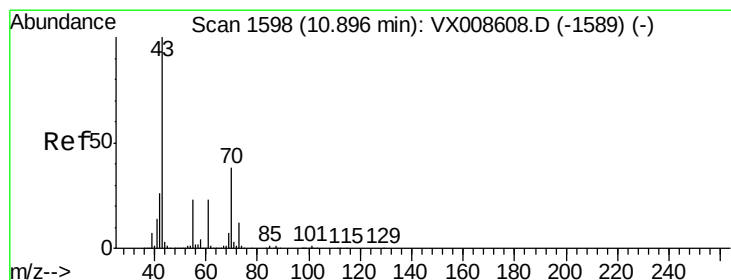
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.6

Manual Integrations
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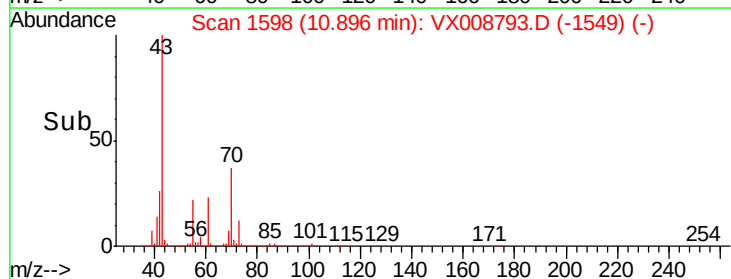
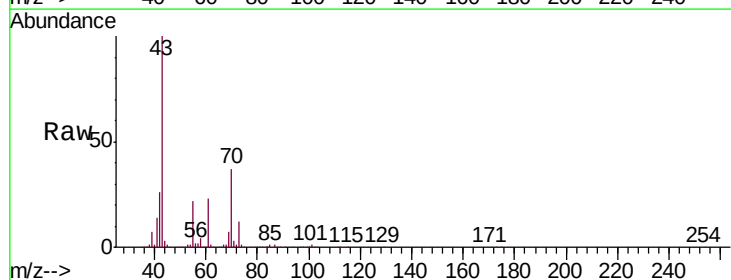
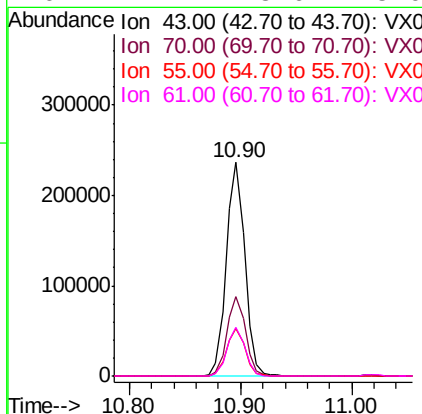
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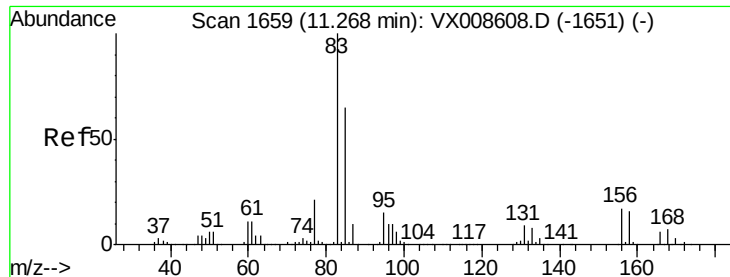
4/10/2019 10:05:31 AM



#74
N-ethyl acetate
Concen: 45.086 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.3	30.2	45.4
55	22.5	18.2	27.4
61	22.4	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.158 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

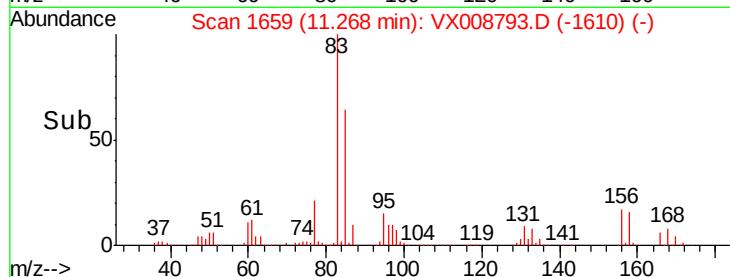
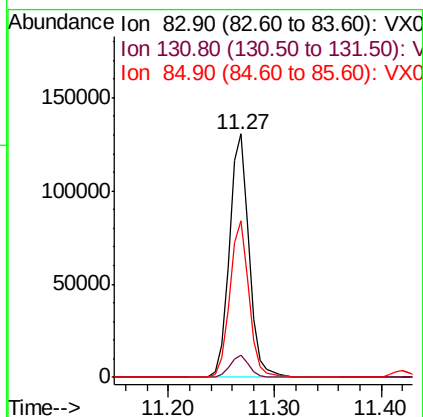
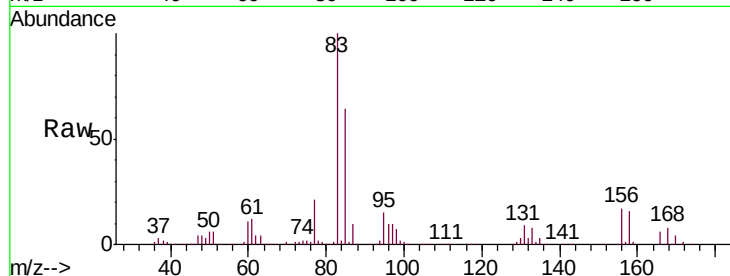
MSVOA_X

ClientSampled :

VSTDCCC050EC

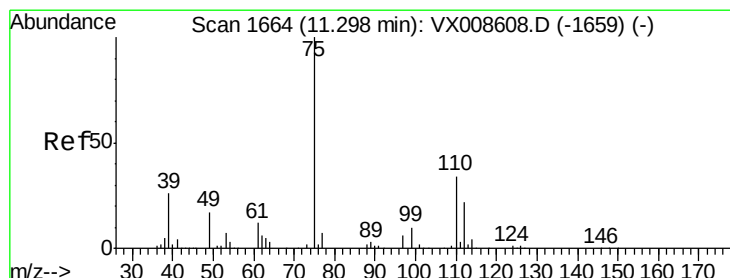
Tgt Ion:	83	Resp:	168415
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.7
85	63.2	32.0	96.2

Manual Integrations
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MMDadoda

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#76

1,2,3-Trichloropropane

Concen: 42.455 ug/l m

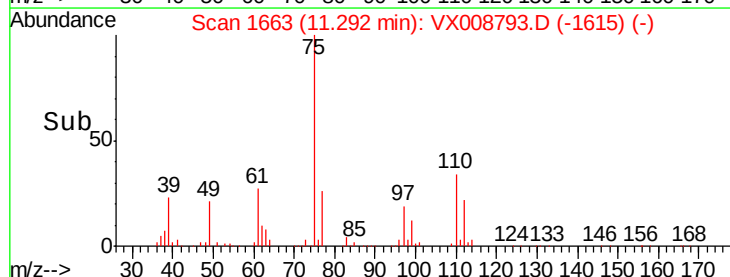
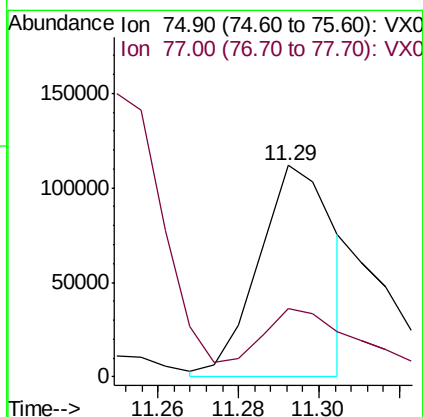
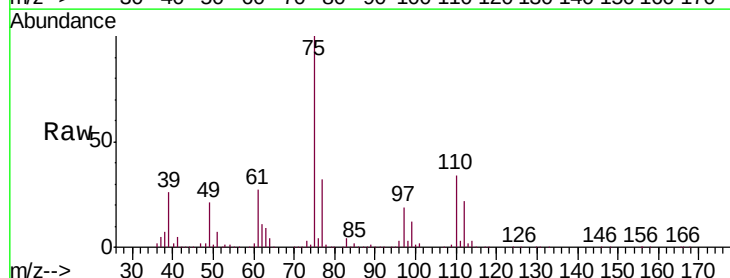
RT: 11.29 min Scan# 1663

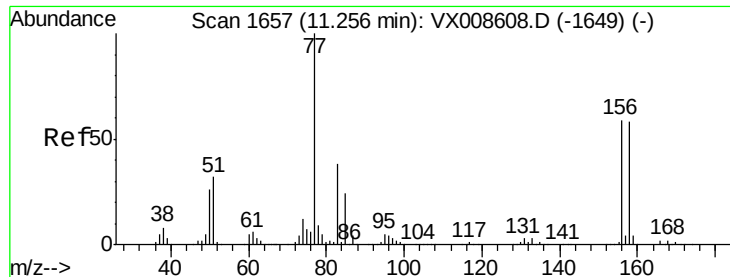
Delta R.T. -0.01 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Tgt Ion:	75	Resp:	144402
Ion Ratio	Lower	Upper	
75	100		
77	43.3	22.3	66.8





#77

Bromobenzene

Concen: 44.510 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

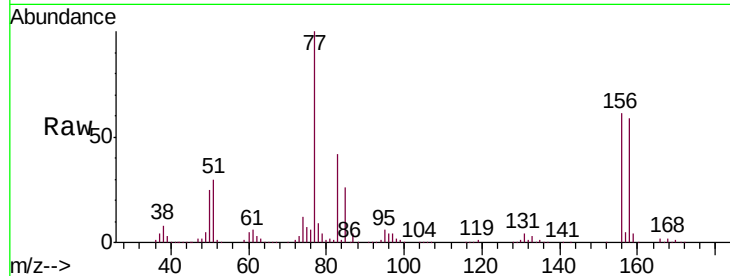
MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion:	156	Resp:	109792
Ion Ratio	Lower	Upper	
156	100		
77	177.7	89.8	269.6
158	97.8	48.6	145.9

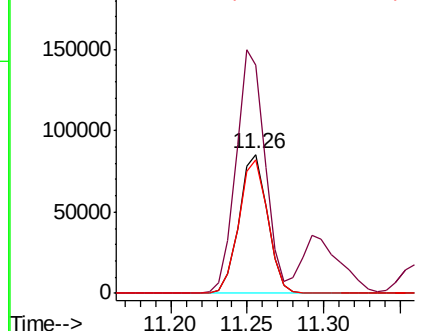
Manual Integrations
APPROVED



Abundance Ion 155.80 (155.50 to 156.50): V

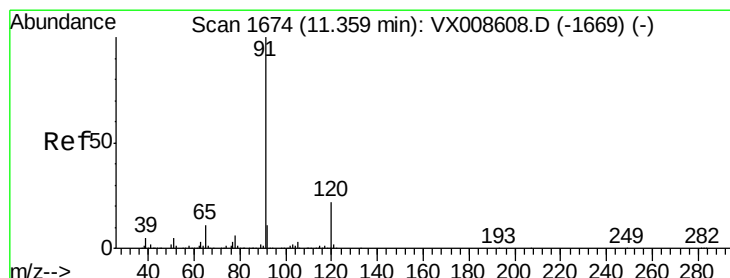
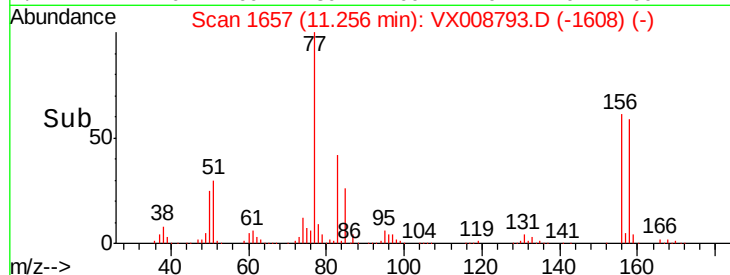
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



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#78

n-propylbenzene

Concen: 44.059 ug/l

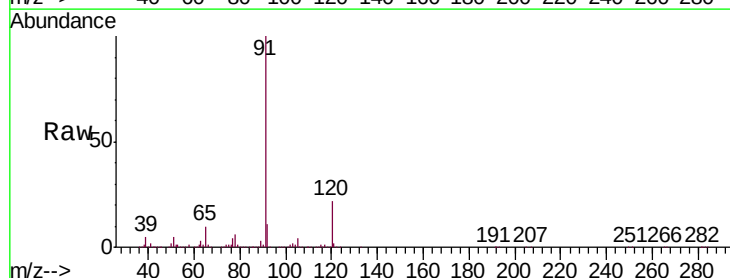
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008793.D

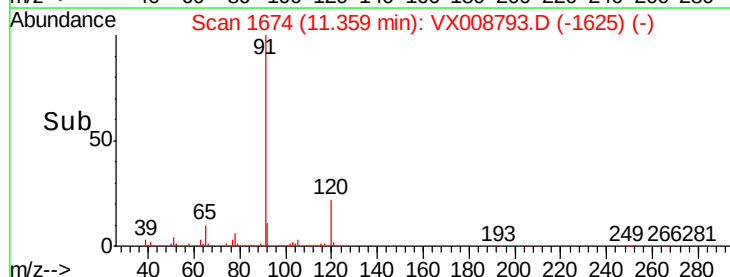
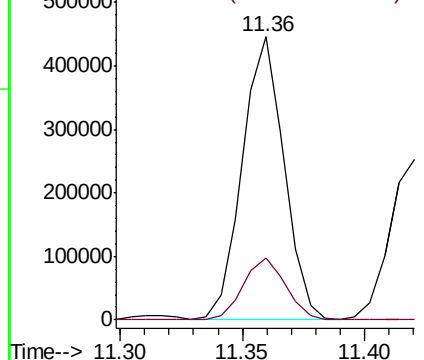
Acq: 09 Apr 2019 23:58

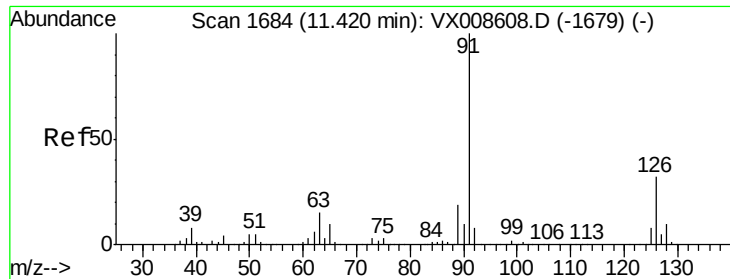
Tgt Ion:	91	Resp:	526387
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.826 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

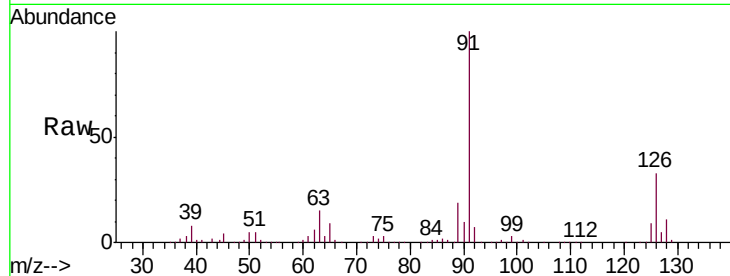
Tgt Ion: 91 Resp: 309633

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.3

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

500000

400000

300000

200000

100000

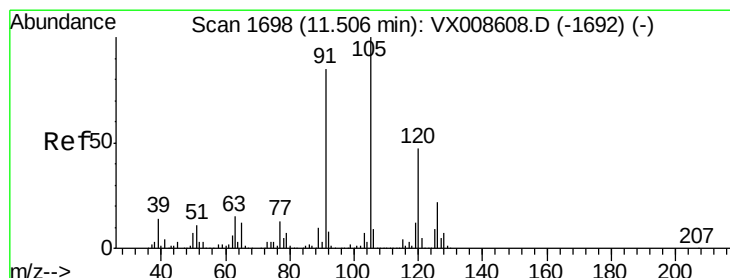
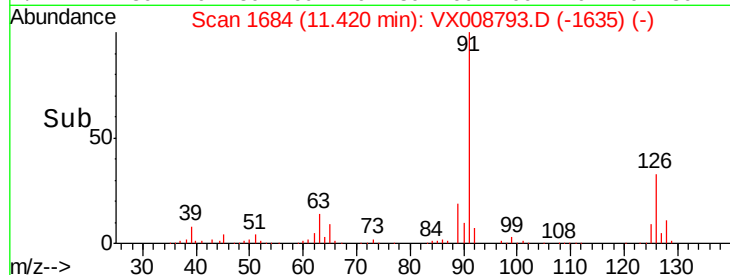
0

11.40 11.45

Time-->

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#80

1,3,5-Trimethylbenzene

Concen: 43.995 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008793.D

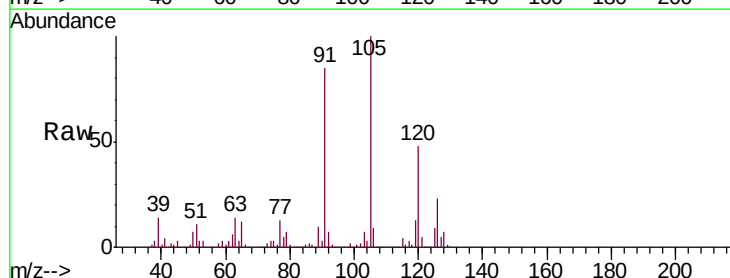
Acq: 09 Apr 2019 23:58

Tgt Ion: 105 Resp: 378934

Ion Ratio Lower Upper

105 100

120 47.8 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

300000

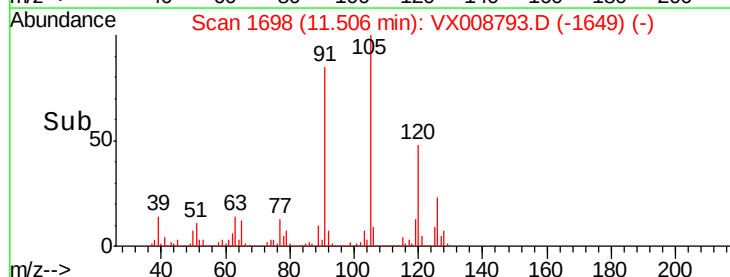
200000

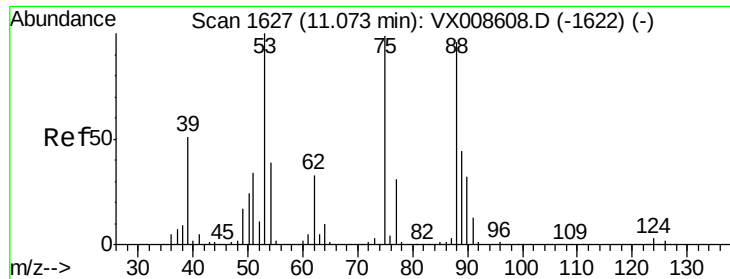
100000

0

11.50 11.60

Time-->



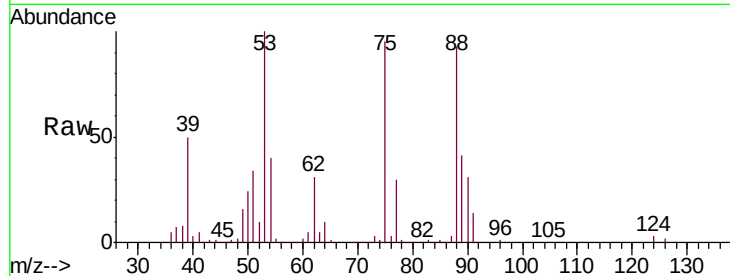


#81
trans-1,4-Dichloro-2-butene
Concen: 44.088 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

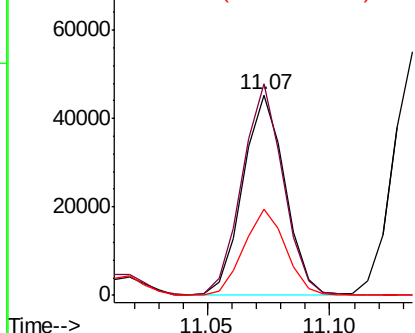
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion: 75 Resp: 54400
Ion Ratio Lower Upper
75 100
53 103.5 81.3 121.9
89 42.9 35.6 53.4

Manual Integrations
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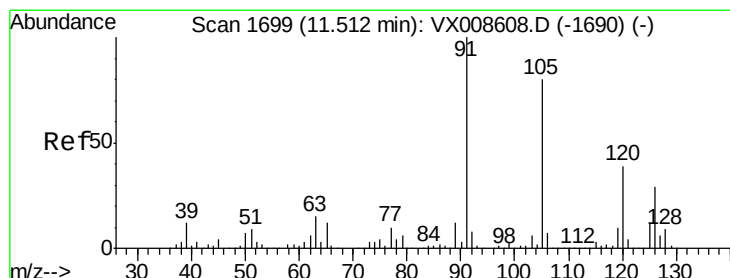
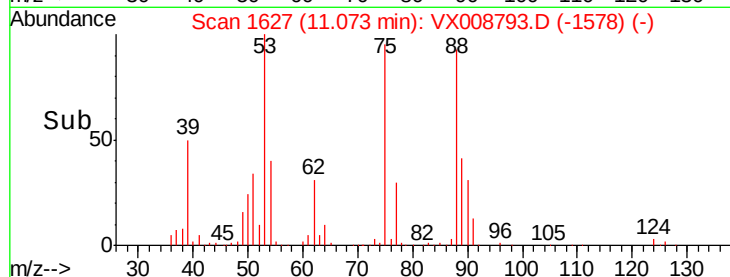


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



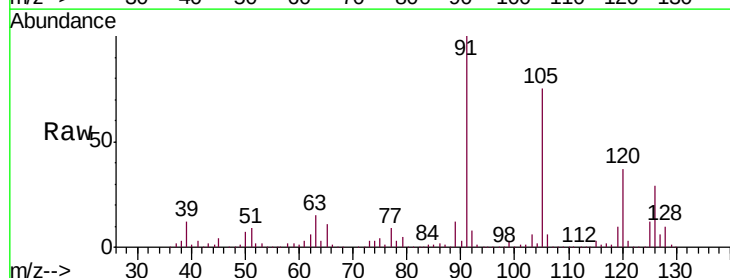
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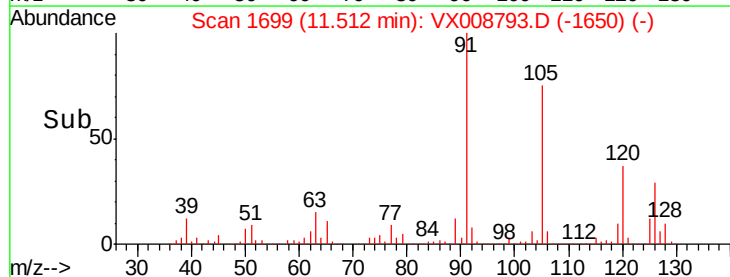
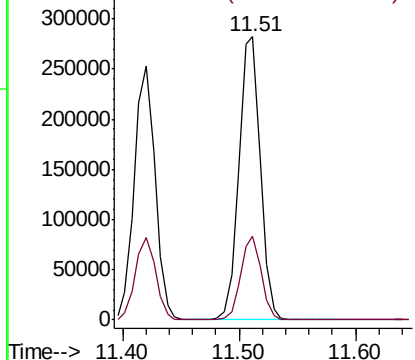


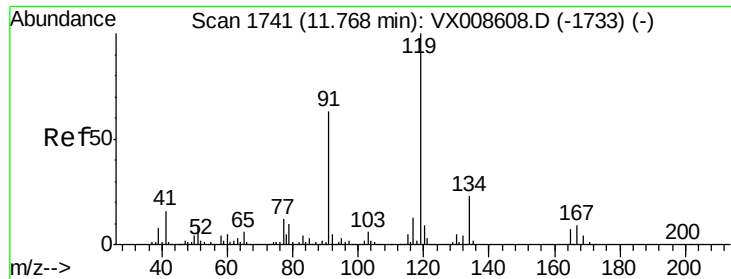
#82
4-Chlorotoluene
Concen: 43.166 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 91 Resp: 361254
Ion Ratio Lower Upper
91 100
126 28.3 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V



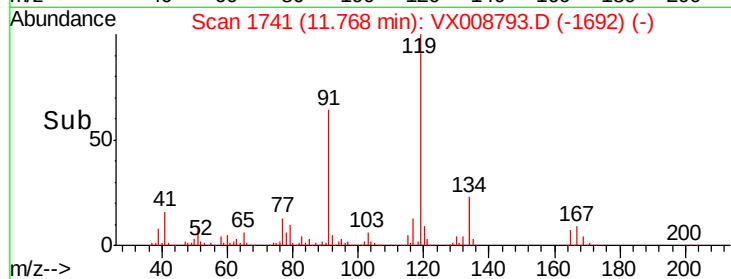
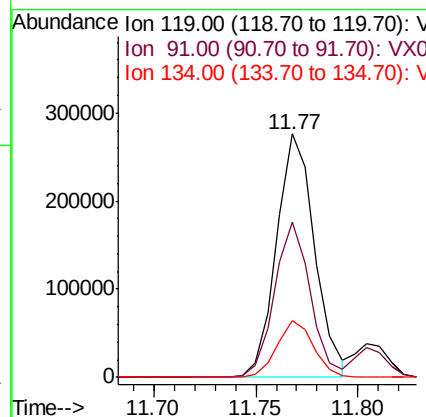
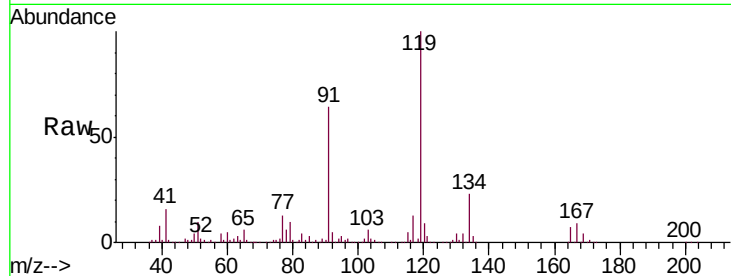


#83
 tert-Butylbenzene
 Concen: 43.439 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

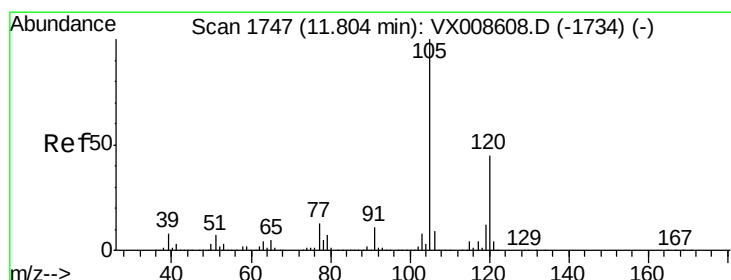
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	359949		
91	60.0	30.0	90.1	
134	22.3	11.1	33.3	

Manual Integrations
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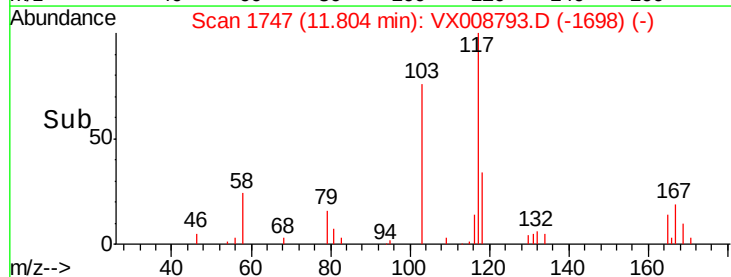
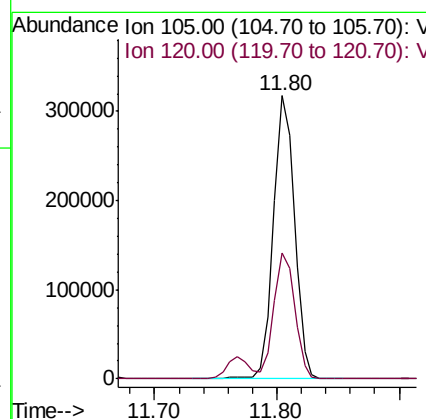
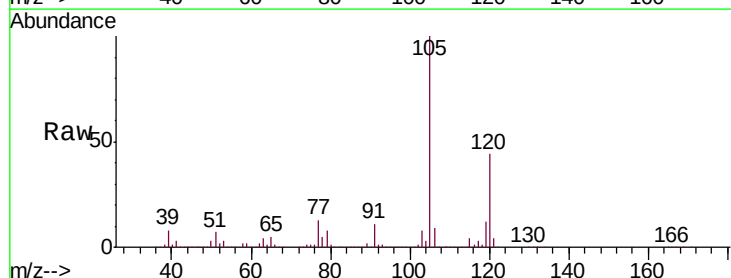
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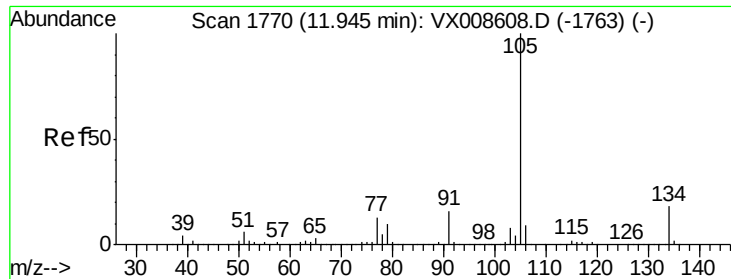
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#84
 1,2,4-Trimethylbenzene
 Concen: 43.753 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	381585		
120	44.0	21.8	65.3	





#85

sec-Butylbenzene

Concen: 44.197 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

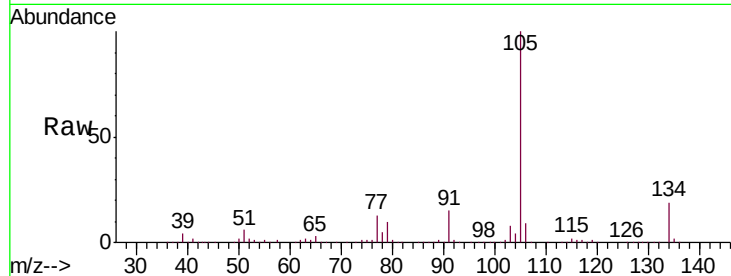
Tgt Ion:105 Resp: 435016

Ion Ratio Lower Upper

105 100

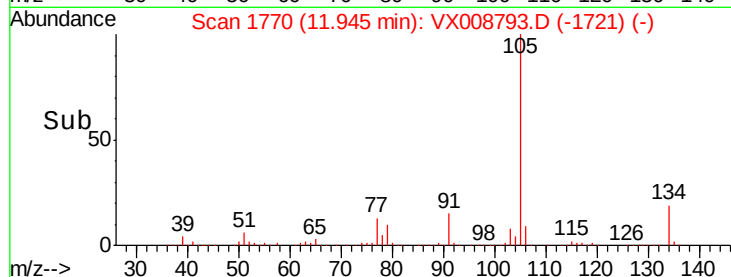
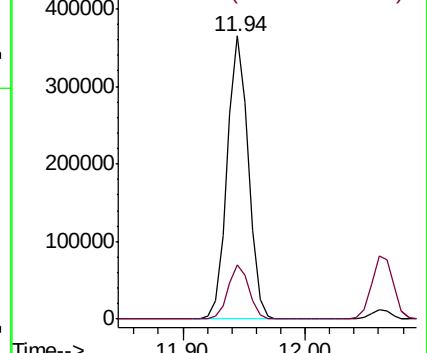
134 19.2 9.4 28.2

Manual Integrations
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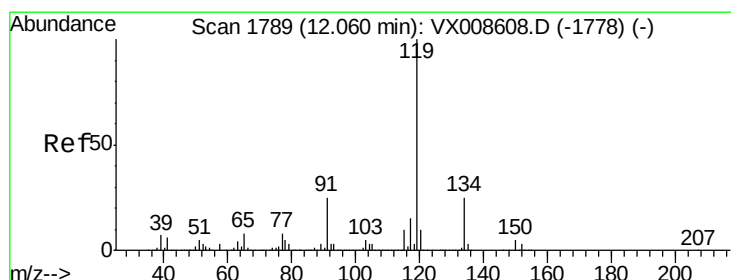
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



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#86

p-Isopropyltoluene

Concen: 44.448 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008793.D

Acq: 09 Apr 2019 23:58

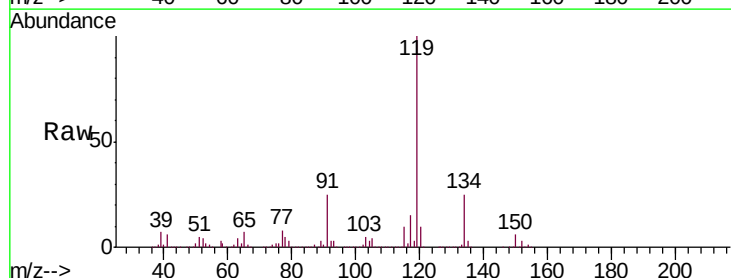
Tgt Ion:119 Resp: 392668

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

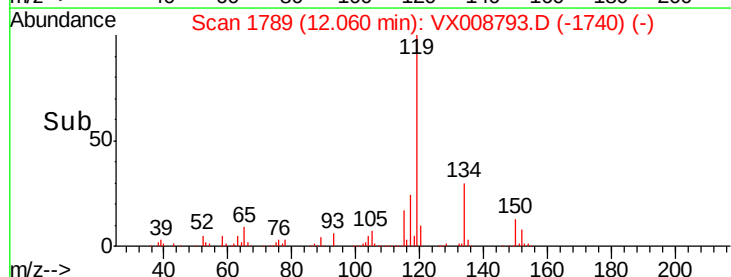
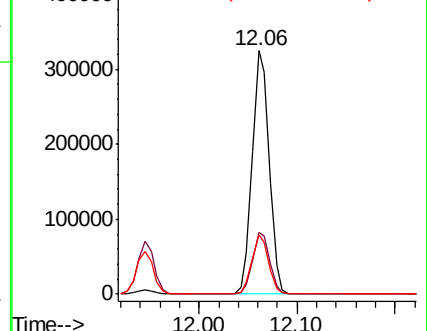
91 24.0 12.2 36.6

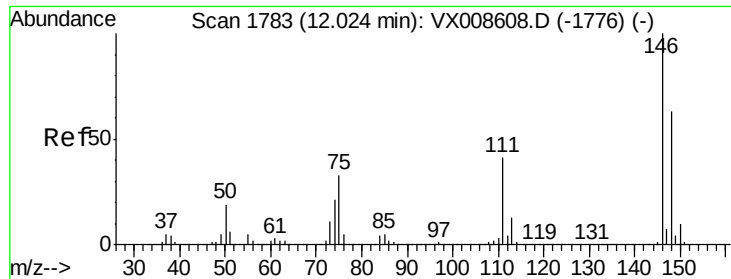


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



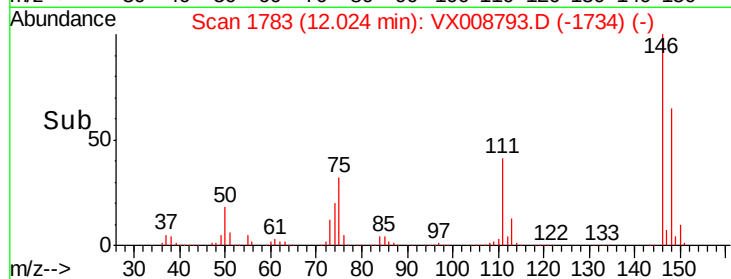
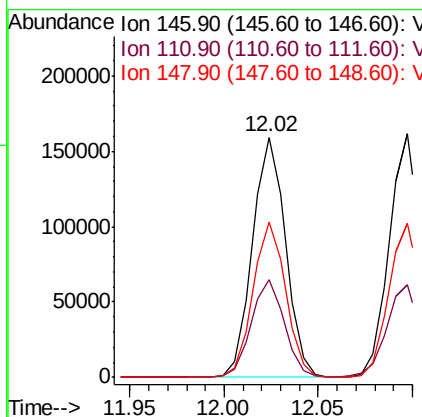
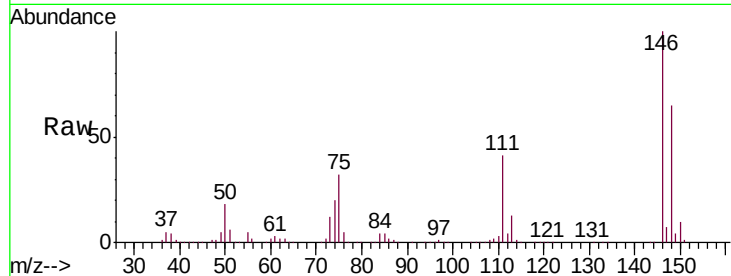


#87
 1,3-Dichlorobenzene
 Concen: 43.937 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

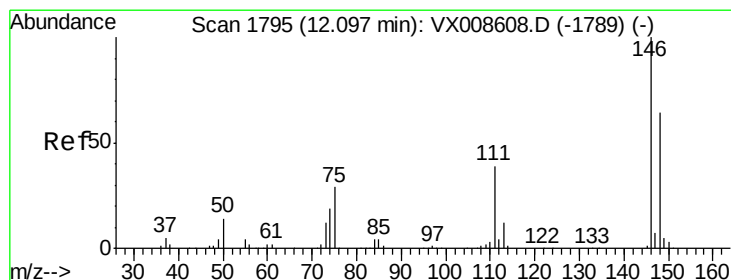
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	63.9	31.6	94.7

Manual Integrations
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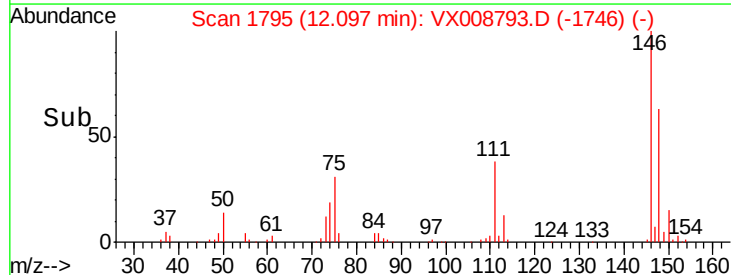
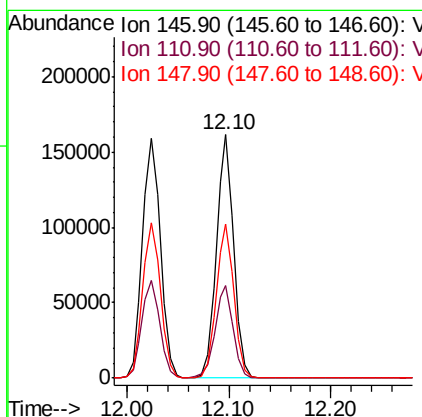
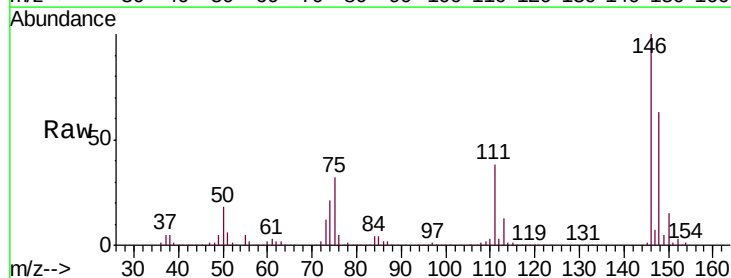
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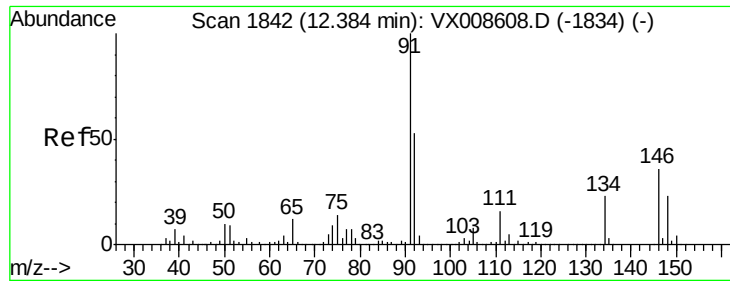
4/10/2019 10:05:31 AM



#88
 1,4-Dichlorobenzene
 Concen: 43.196 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.2	60.6
148	64.8	32.0	96.0



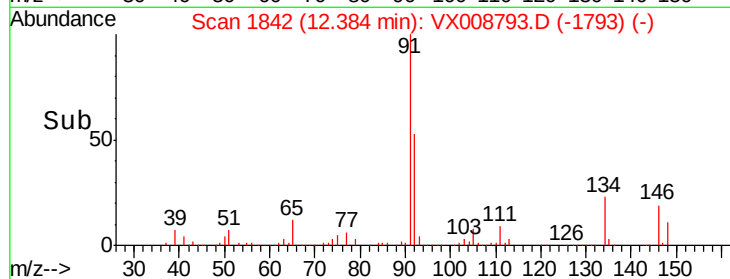
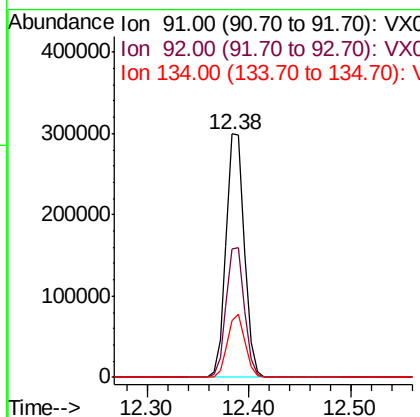
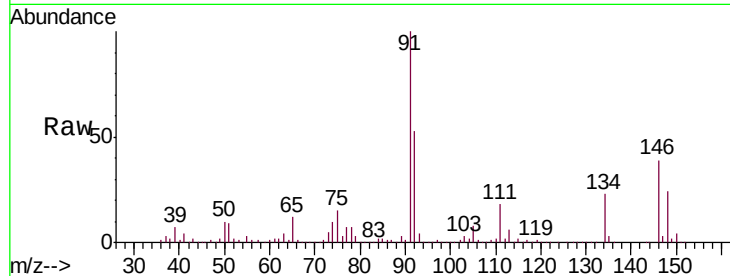


#89
n-Butylbenzene
Concen: 44.809 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

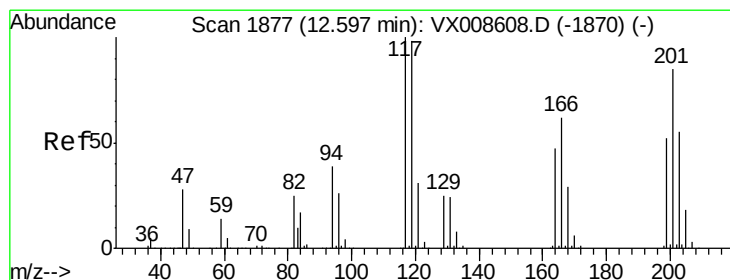
Tgt Ion: 91 Resp: 371239
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.2
134 24.7 12.0 36.0

Manual Integrations
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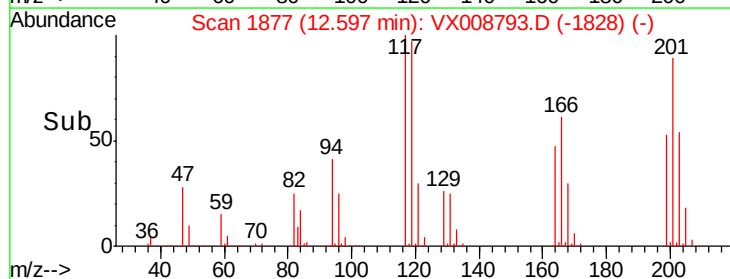
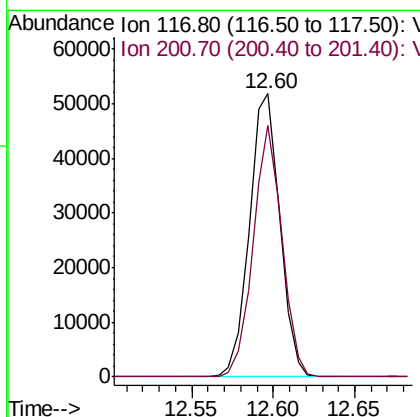
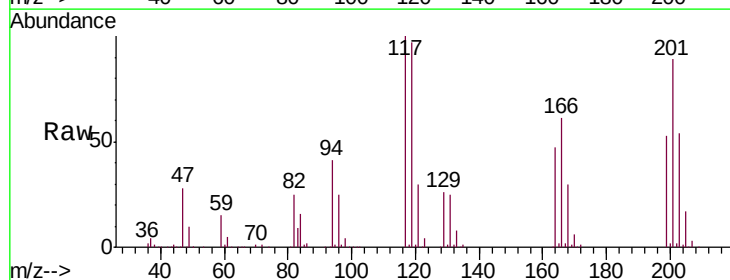
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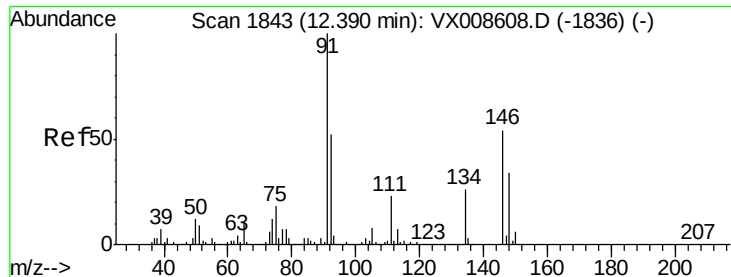
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#90
Hexachloroethane
Concen: 45.991 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion: 117 Resp: 67388
Ion Ratio Lower Upper
117 100
201 83.7 40.6 122.0



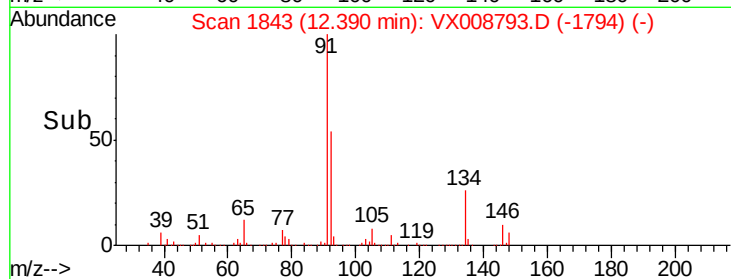
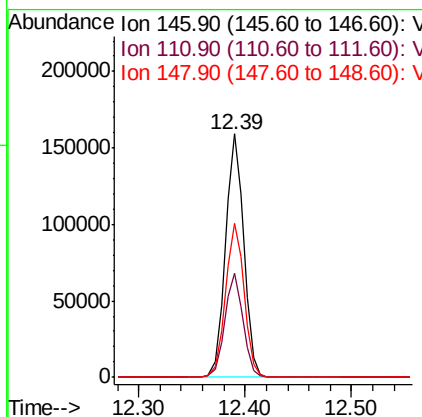
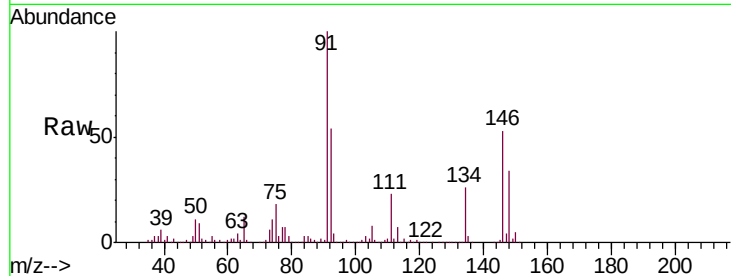


#91
 1,2-Dichlorobenzene
 Concen: 43.688 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

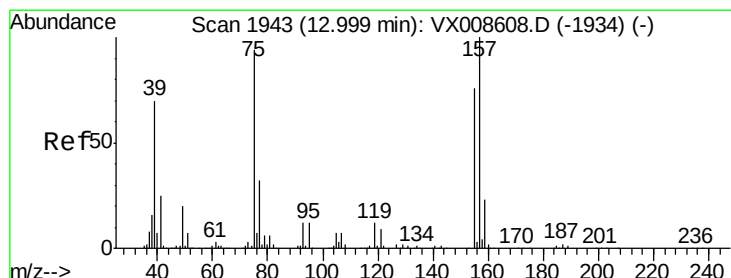
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.9
148	64.1	31.7	95.1

Manual Integrations
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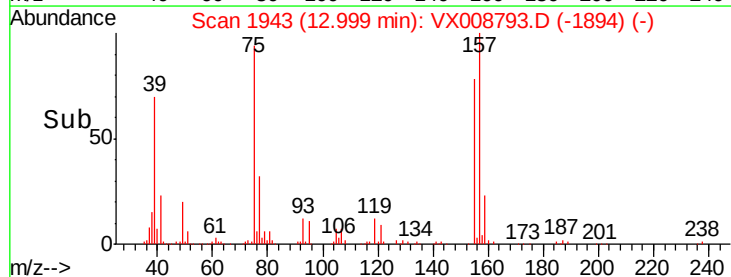
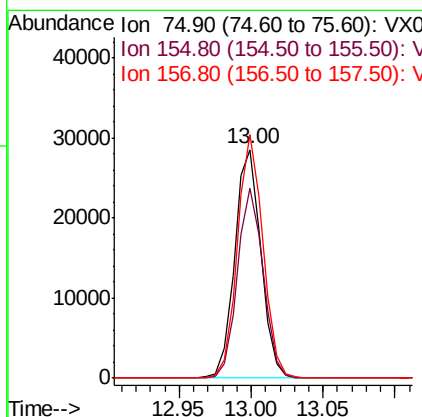
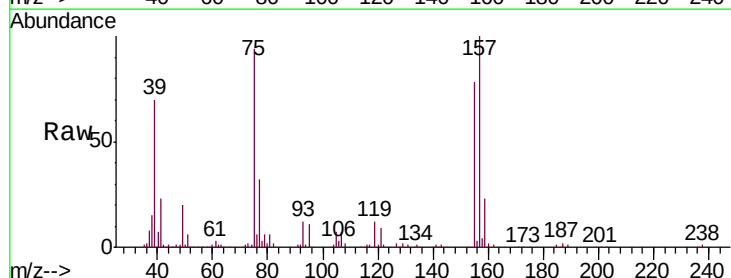
MMDadoda

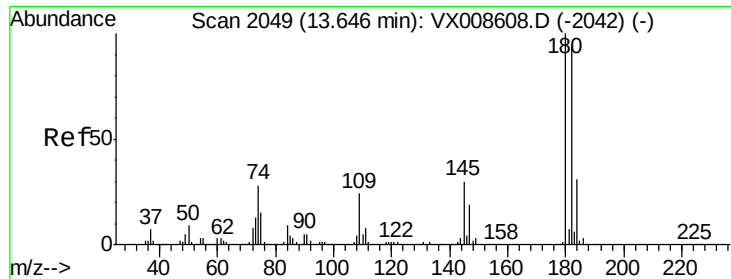
4/10/2019 10:05:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.291 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	39.9	119.6
157	103.0	51.5	154.7



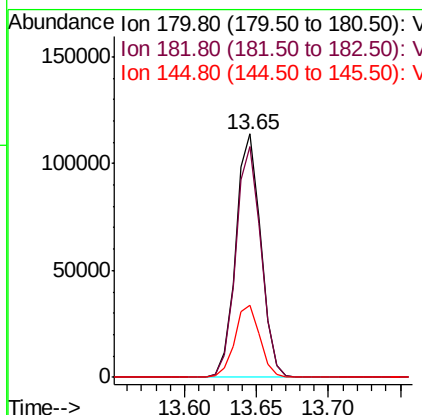
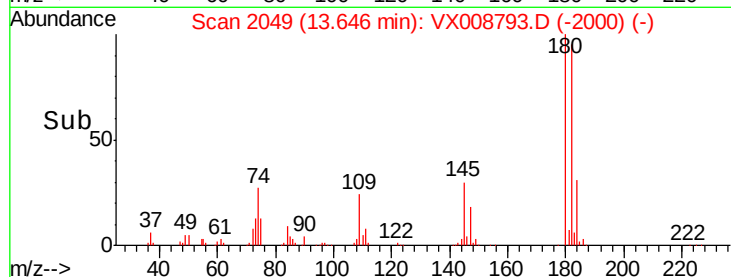
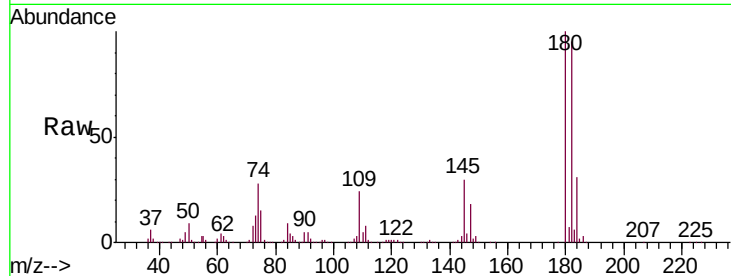


#93
 1,2,4-Trichlorobenzene
 Concen: 45.259 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

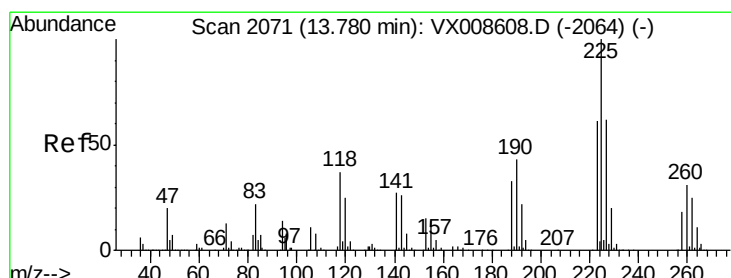
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	29.8	15.3	45.9

Manual Integrations
 APPROVED



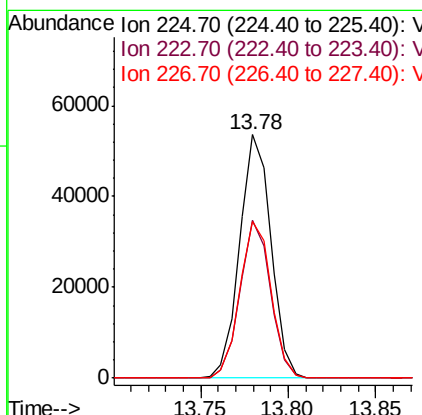
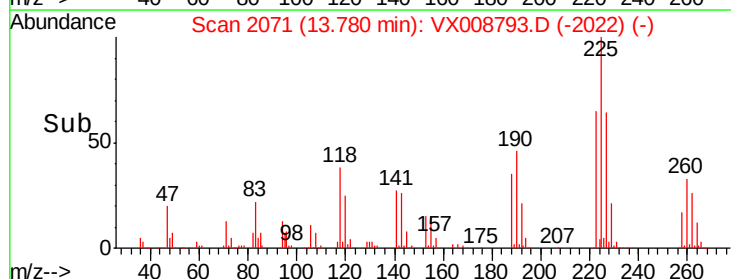
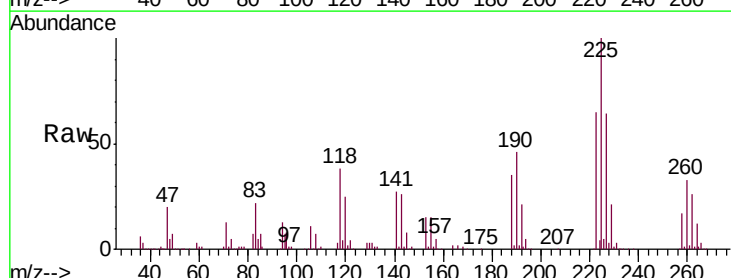
MMDadoda

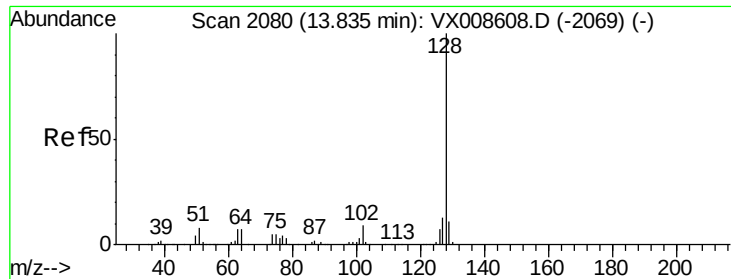
4/10/2019 10:05:31 AM



#94
 Hexachlorobutadiene
 Concen: 45.632 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008793.D
 Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	64.1	31.9	95.5



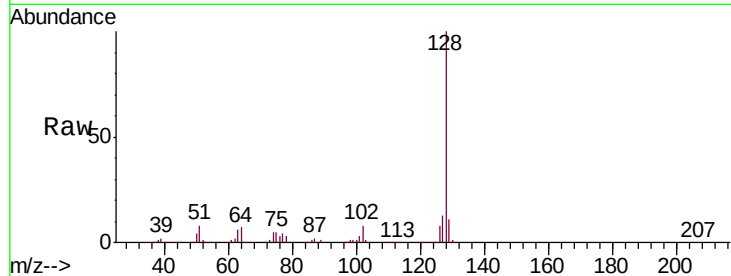


#95
Naphthalene
Concen: 44.174 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

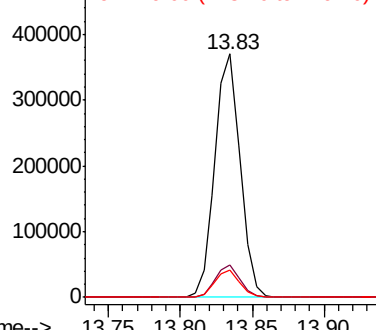


Abundance

Ion 128.00 (127.70 to 128.70): V

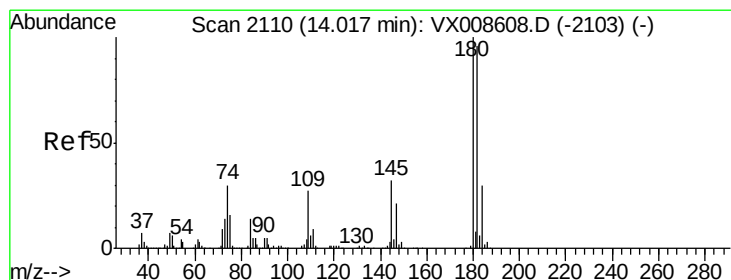
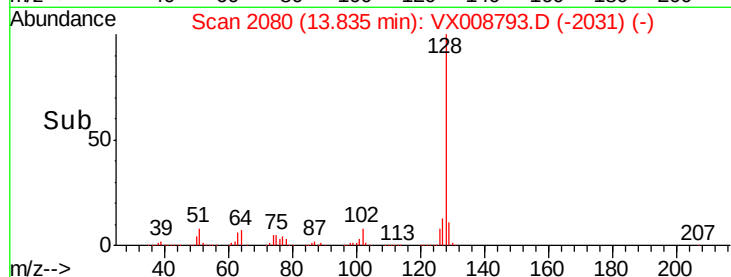
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



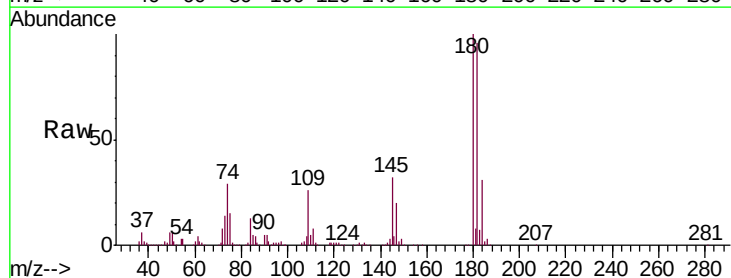
MMDadoda

4/10/2019 10:05:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.594 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008793.D
Acq: 09 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.3
145	31.7	16.3	48.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

