

Data File : VX008766.D
Acq On : 09 Apr 2019 13:00
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:07 AM

Quant Time: Apr 09 16:48:08 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	5.66	168	182320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124114	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.49	113	92689	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	360473	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.13	95	127191	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	92986	44.307	ug/l	100
3) Chloromethane	1.32	50	116670	45.199	ug/l	100
4) Vinyl Chloride	1.41	62	124617	43.926	ug/l	99
5) Bromomethane	1.64	94	63974	45.935	ug/l	100
6) Chloroethane	1.71	64	74790	48.160	ug/l	99
7) Trichlorofluoromethane	1.92	101	151848	48.420	ug/l	99
8) Diethyl Ether	2.18	74	70050	47.102	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101749	50.393	ug/l	99
10) Methyl Iodide	2.50	142	94320	51.188	ug/l	99
11) Tert butyl alcohol	3.06	59	149296	239.809	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98429	46.698	ug/l	99
13) Acrolein	2.29	56	85555	277.147	ug/l	100
14) Allyl chloride	2.72	41	234515	48.602	ug/l	99
15) Acrylonitrile	3.14	53	389977	236.454	ug/l	99
16) Acetone	2.45	43	369407	241.183	ug/l	100
17) Carbon Disulfide	2.56	76	275173	45.137	ug/l	100
18) Methyl Acetate	2.78	43	182497	49.129	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	376299	49.991	ug/l	100
20) Methylene Chloride	2.85	84	113349	44.211	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106367	46.654	ug/l	97
22) Diisopropyl ether	3.85	45	453861	48.801	ug/l	97
23) Vinyl Acetate	3.81	43	2018688	249.511	ug/l	100
24) 1,1-Dichloroethane	3.69	63	224812	48.823	ug/l	99
25) 2-Butanone	4.67	43	588683	243.176	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165676	51.085	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	125617	47.922	ug/l	99
28) Bromochloromethane	5.01	49	105627	55.232	ug/l	100
29) Tetrahydrofuran	5.13	42	382897	238.306	ug/l	100
30) Chloroform	5.21	83	201108	48.899	ug/l	98
31) Cyclohexane	5.57	56	217641	47.369	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	165333	49.747	ug/l	100
36) 1,1-Dichloropropene	5.79	75	159460	48.896	ug/l	100
37) Ethyl Acetate	4.83	43	219360	50.392	ug/l	100
38) Carbon Tetrachloride	5.78	117	138359	51.259	ug/l	97

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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	201277	49.961	ug/l	99
40) Benzene	6.14	78	475520	48.944	ug/l	100
41) Methacrylonitrile	5.04	41	125307	50.079	ug/l	99
42) 1,2-Dichloroethane	6.19	62	169993	48.806	ug/l	99
43) Isopropyl Acetate	6.45	43	344243	50.482	ug/l	100
44) Trichloroethene	7.21	130	112725	49.816	ug/l	100
45) 1,2-Dichloropropane	7.51	63	136383	49.181	ug/l	100
46) Dibromomethane	7.66	93	77474	48.171	ug/l	99
47) Bromodichloromethane	7.90	83	156415	51.580	ug/l	98
48) Methyl methacrylate	7.77	41	172884	50.120	ug/l	99
49) 1,4-Dioxane	7.74	88	61830	956.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1092574	248.896	ug/l	100
52) Toluene	8.78	92	281219	49.097	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	180163	53.037	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	201701	51.965	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115351	50.170	ug/l	98
56) Ethyl methacrylate	9.18	69	208963	50.232	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204247	49.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	574460	270.440	ug/l	100
59) 2-Hexanone	9.49	43	847218	248.347	ug/l	100
60) Dibromochloromethane	9.58	129	113345	52.315	ug/l	99
61) 1,2-Dibromoethane	9.67	107	117732	49.187	ug/l	99
64) Tetrachloroethene	9.34	164	99017	51.909	ug/l	98
65) Chlorobenzene	10.13	112	284239	49.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104960	52.424	ug/l	99
67) Ethyl Benzene	10.25	91	534228	50.201	ug/l	98
68) m/p-Xylenes	10.36	106	388302	101.483	ug/l	98
69) o-Xylene	10.69	106	187007	50.432	ug/l	99
70) Styrene	10.71	104	329793	51.596	ug/l	99
71) Bromoform	10.85	173	81642	53.391	ug/l #	99
73) Isopropylbenzene	11.02	105	504846	49.437	ug/l	100
74) N-amyl acetate	10.90	43	293564	48.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	182383	46.960	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	156546m	46.246	ug/l	
77) Bromobenzene	11.26	156	118409	48.233	ug/l	100
78) n-propylbenzene	11.36	91	595597	50.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	346675	48.179	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	433126	50.528	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64200	52.279	ug/l	99
82) 4-Chlorotoluene	11.51	91	402397	48.312	ug/l	98
83) tert-Butylbenzene	11.77	119	405925	49.221	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	434623	50.073	ug/l	100
85) sec-Butylbenzene	11.94	105	495031	50.534	ug/l	99
86) p-Isopropyltoluene	12.06	119	452228	51.435	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216025	49.153	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	215831	48.497	ug/l	99
89) n-Butylbenzene	12.38	91	432961	52.509	ug/l	100
90) Hexachloroethane	12.60	117	75167	51.545	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	212737	48.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41979	49.135	ug/l	99

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

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Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Time: Apr 09 16:48:08 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	156129	51.460	ug/l	99
94) Hexachlorobutadiene	13.78	225	77802	53.470	ug/l	99
95) Naphthalene	13.83	128	516767	50.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	155872	51.420	ug/l	99

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

Data File : VX008766.D

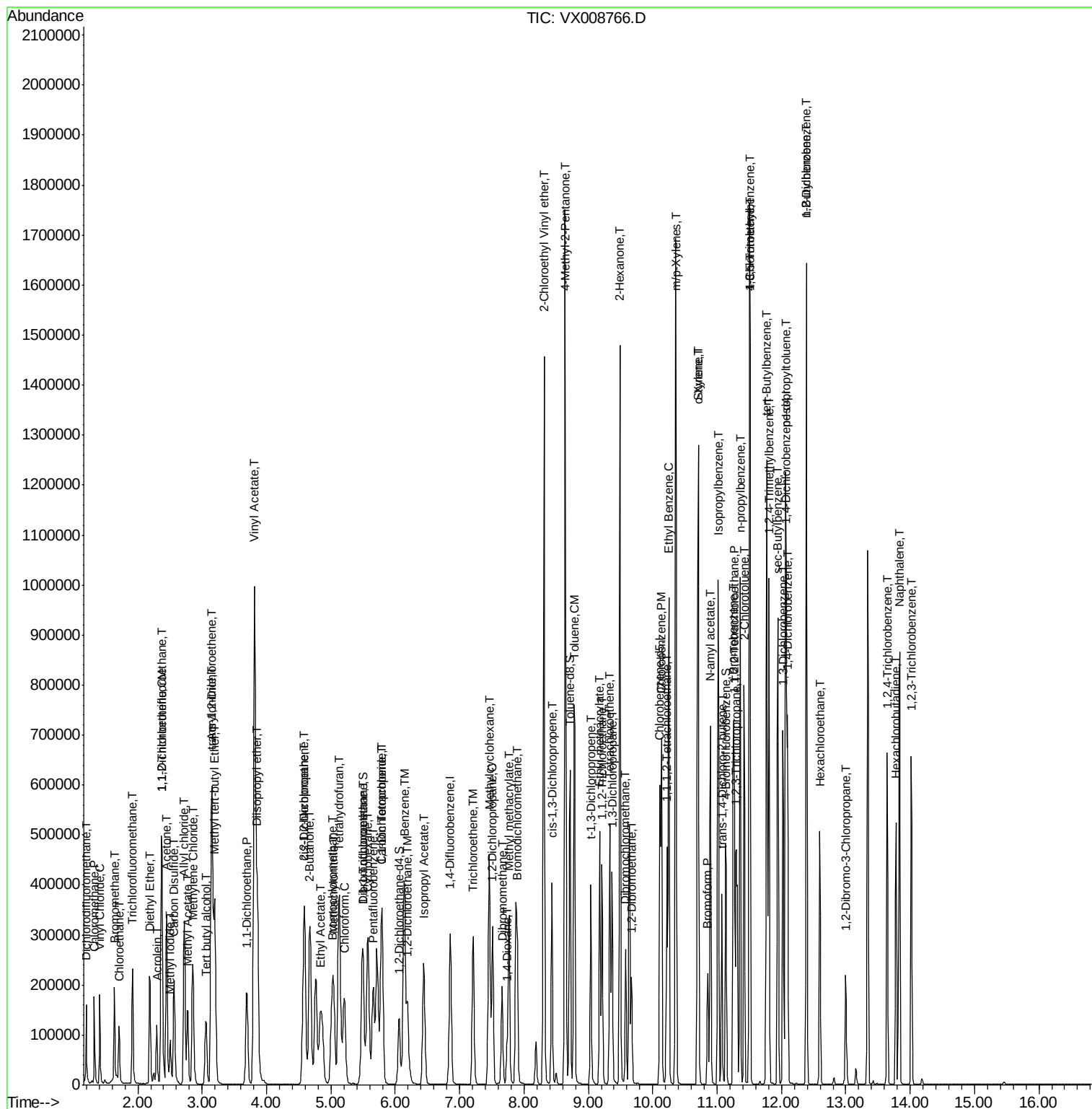
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Acq On       : 09 Apr 2019   13:00
Operator    : JC/SP
Sample      : VSTDCCC050
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial    : 8      Sample Multiplier: 1
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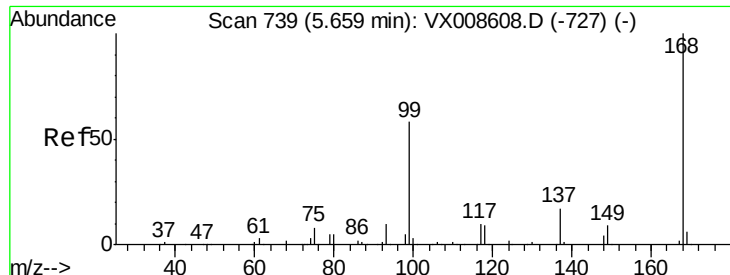
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

MMDadoda
4/10/2019 10:05:07 AM

Quant Time: Apr 09 16:48:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 182320

Ion Ratio Lower Upper

168 100

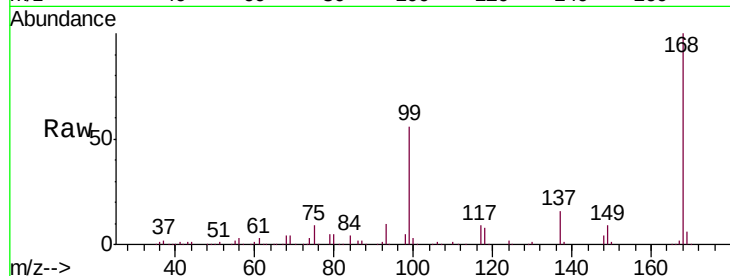
99 56.0 46.7 70.1

Manual Integrations

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4/10/2019 10:05:07 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

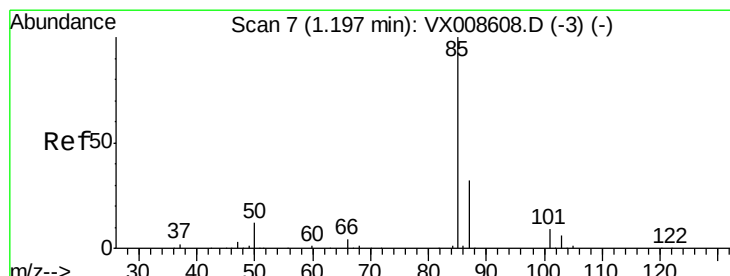
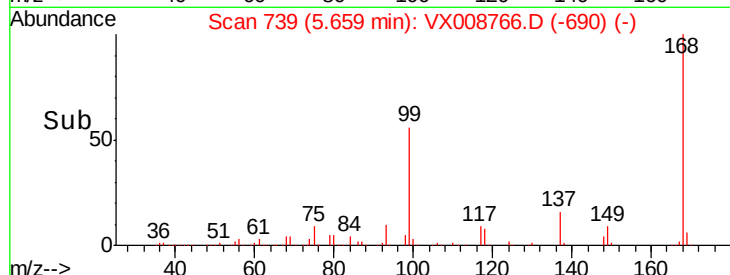
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.307 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008766.D

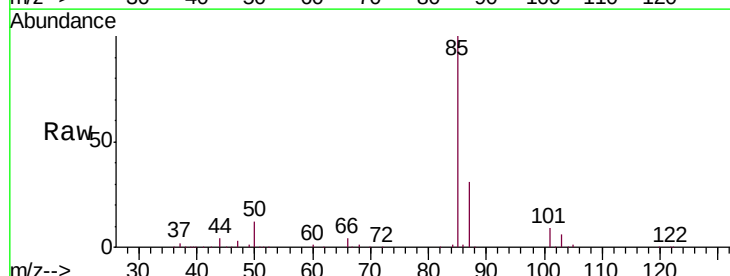
Acq: 09 Apr 2019 13:00

Tgt Ion: 85 Resp: 92986

Ion Ratio Lower Upper

85 100

87 31.5 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

100000

80000

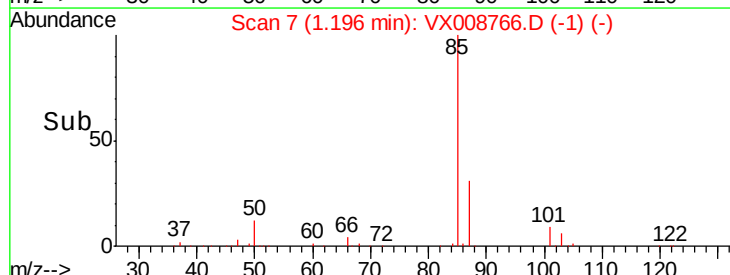
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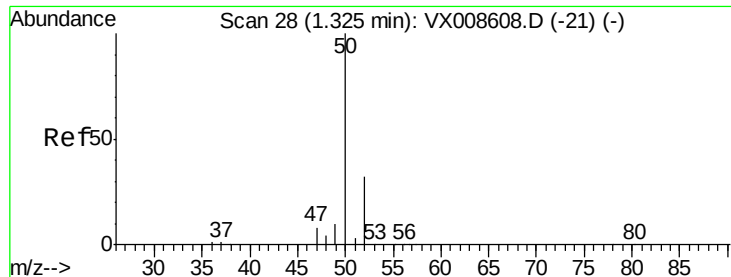
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.199 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 116670

Ion Ratio Lower Upper

50 100

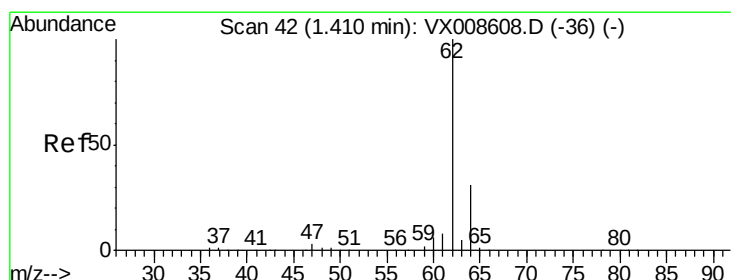
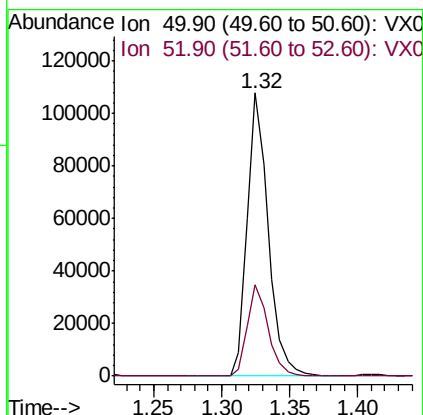
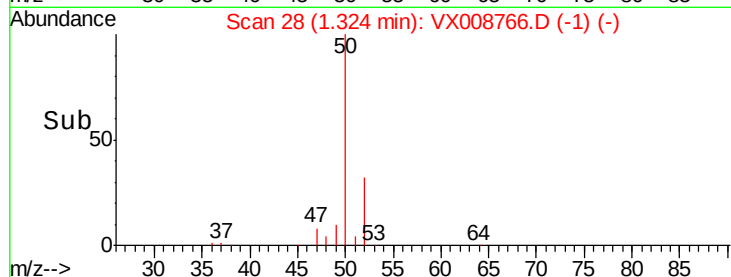
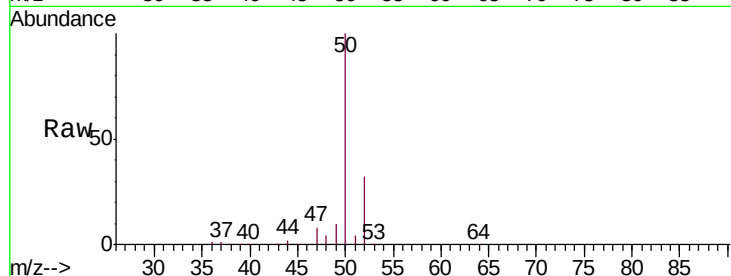
52 32.1 25.8 38.8

Manual Integrations

APPROVED

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4/10/2019 10:05:07 AM



#4

Vinyl Chloride

Concen: 43.926 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008766.D

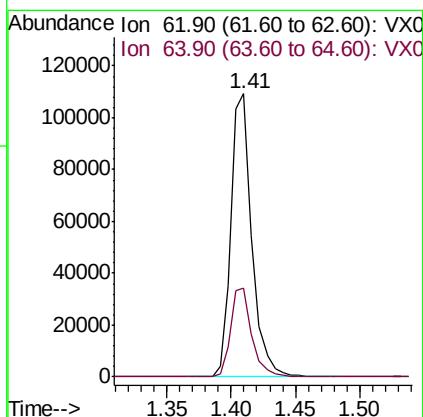
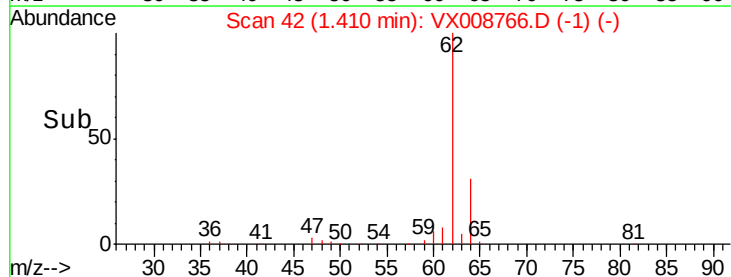
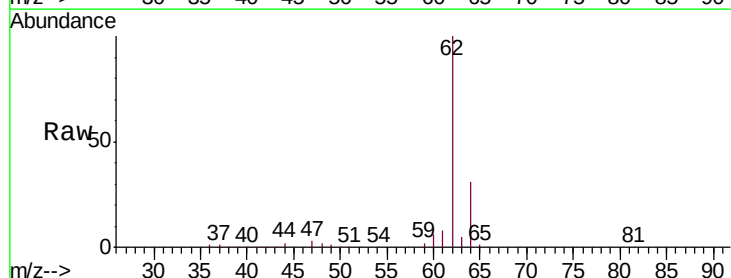
Acq: 09 Apr 2019 13:00

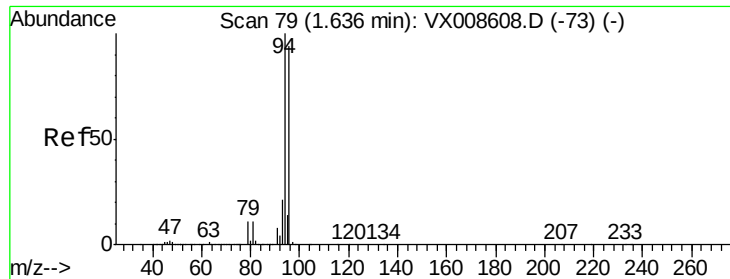
Tgt Ion: 62 Resp: 124617

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 45.935 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 63974

Ion Ratio Lower Upper

94 100

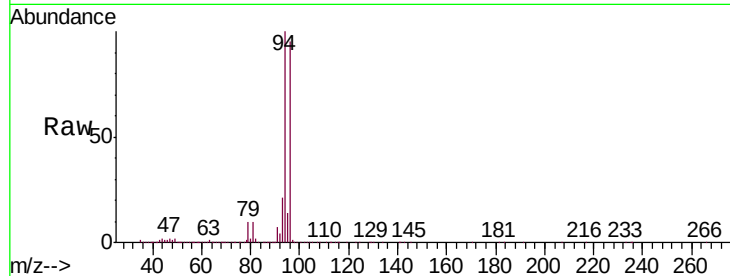
96 94.5 75.2 112.8

Manual Integrations

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4/10/2019 10:05:07 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

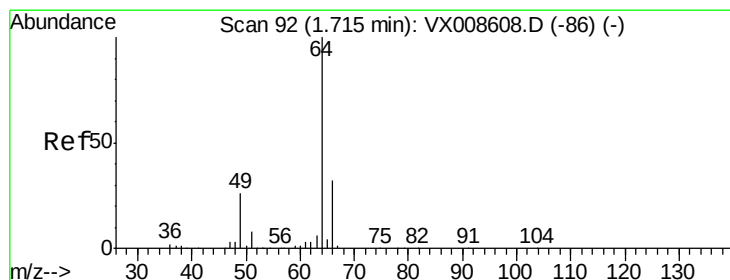
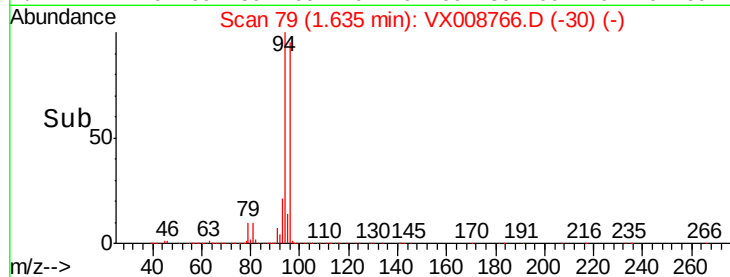
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 48.160 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008766.D

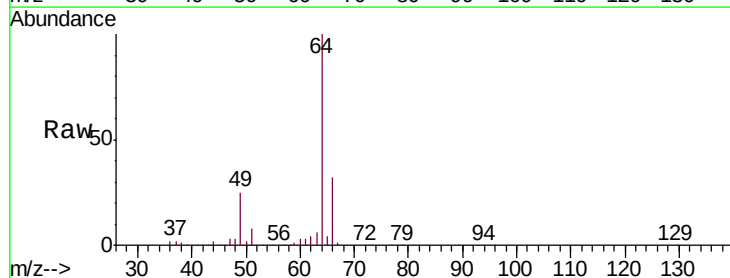
Acq: 09 Apr 2019 13:00

Tgt Ion: 64 Resp: 74790

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

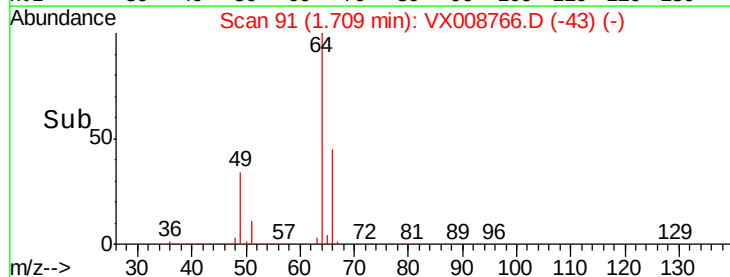
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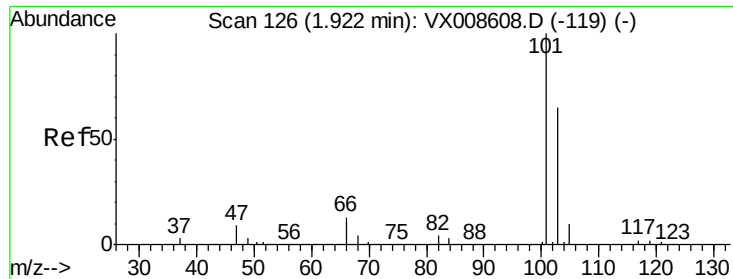
40000

20000

0

Time-->





#7

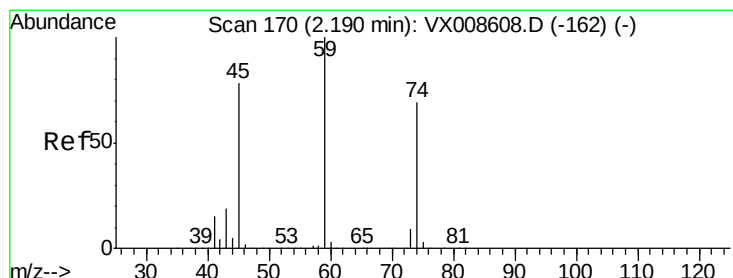
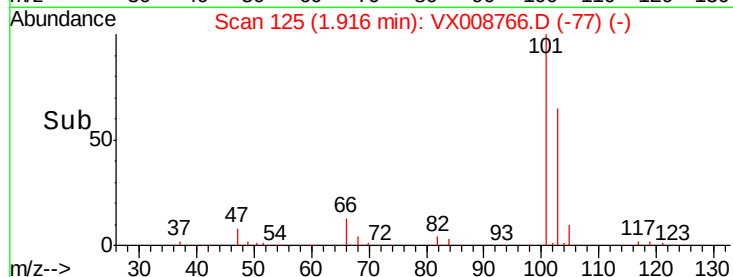
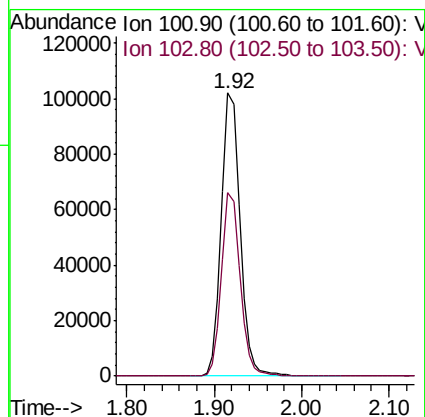
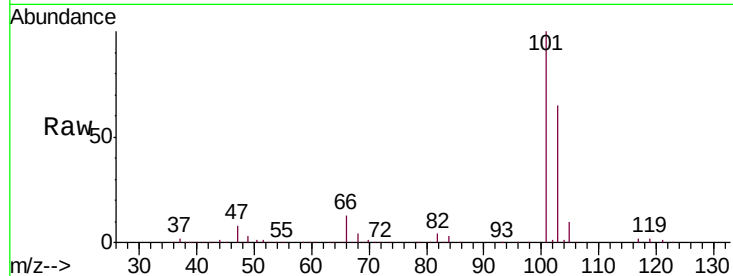
Trichlorofluoromethane
Concen: 48.420 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 151848
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

Manual Integrations
APPROVED

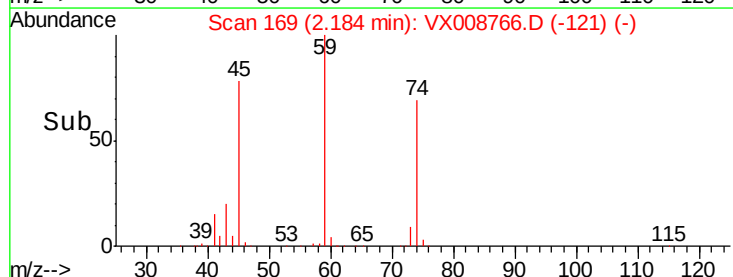
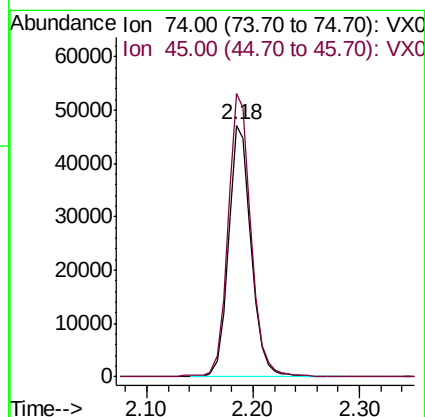
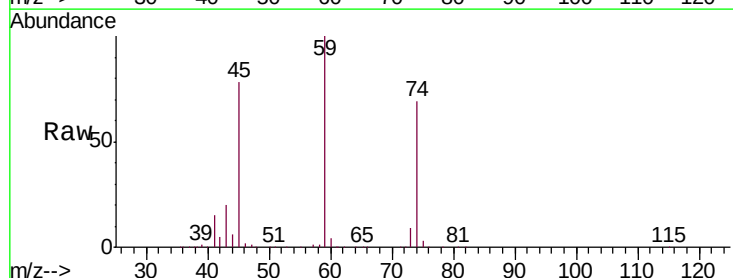
MMDadoda
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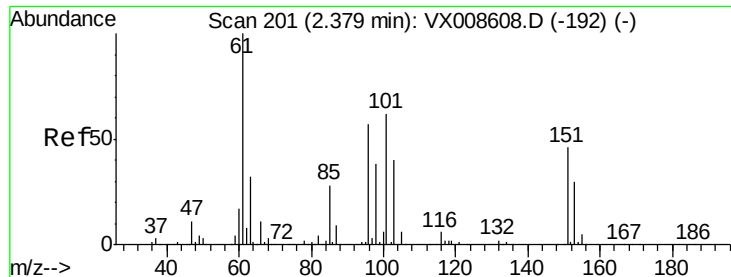


#8

Diethyl Ether
Concen: 47.102 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 74 Resp: 70050
Ion Ratio Lower Upper
74 100
45 113.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.393 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

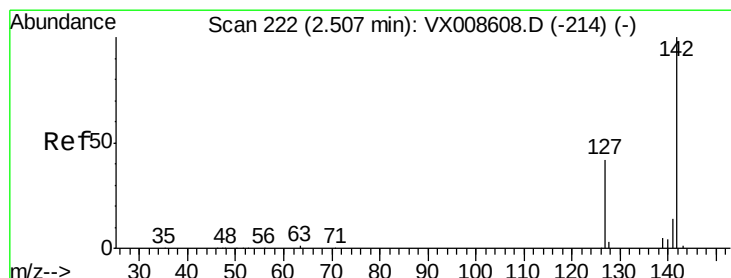
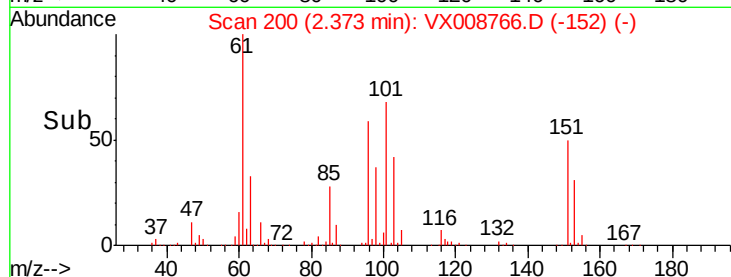
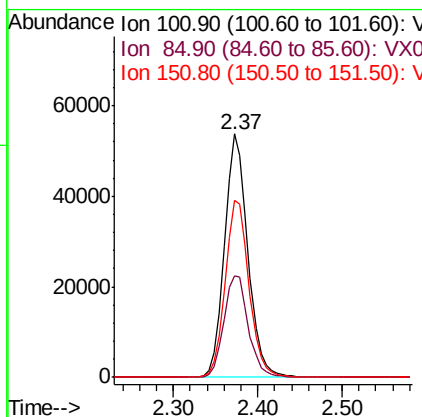
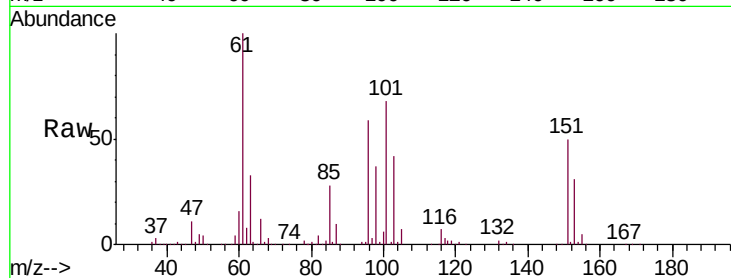
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	101749
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	74.5	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 51.188 ug/l

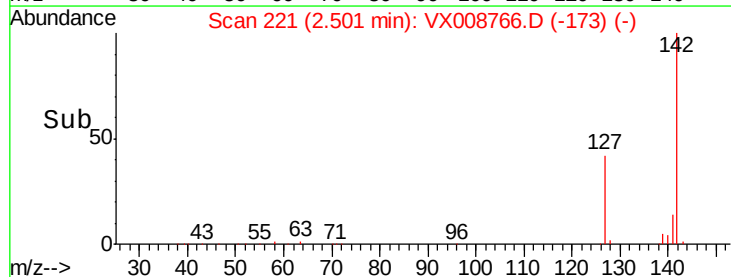
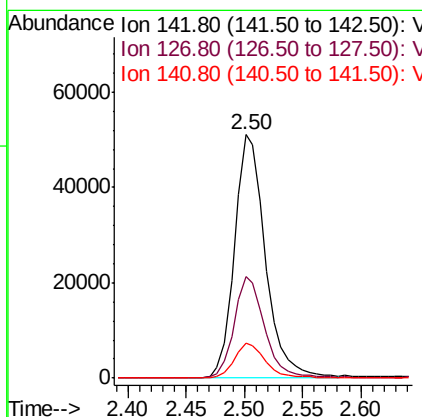
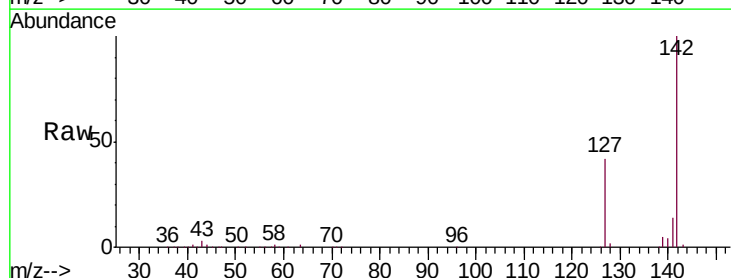
RT: 2.50 min Scan# 221

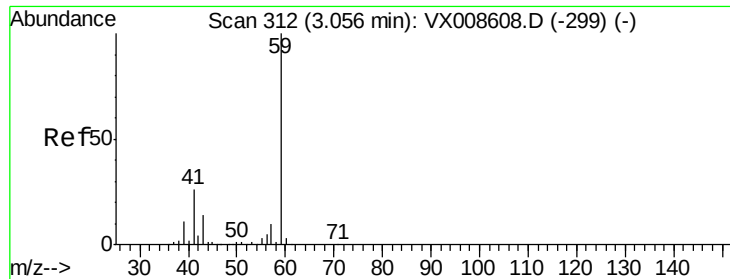
Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	142	Resp:	94320
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.0	49.6
141	14.4	11.4	17.2





#11

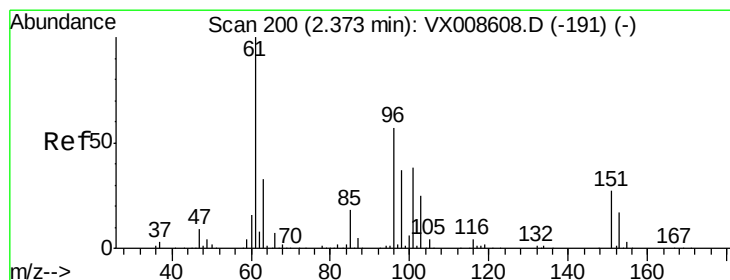
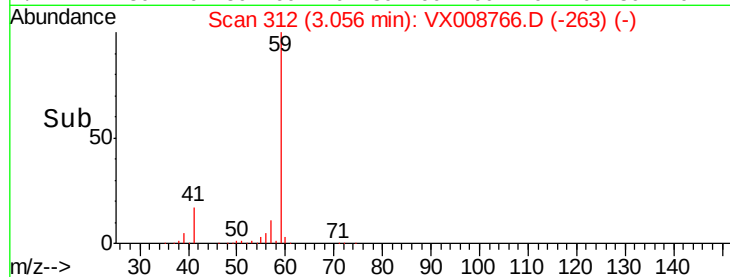
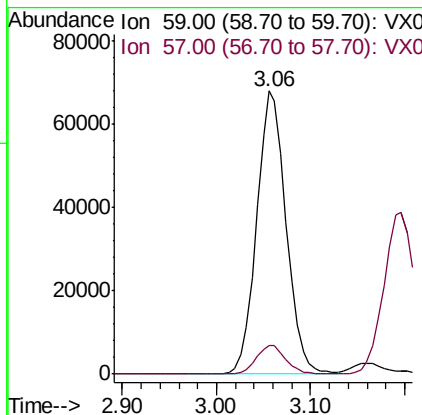
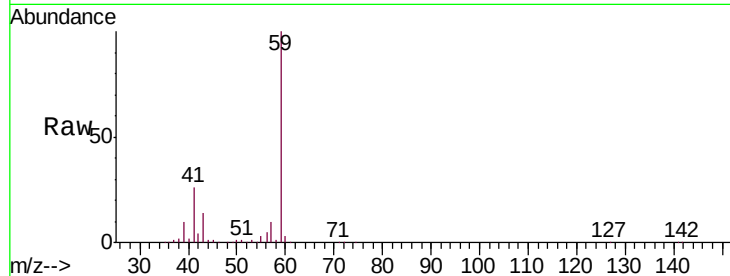
Tert butyl alcohol
 Concen: 239.809 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

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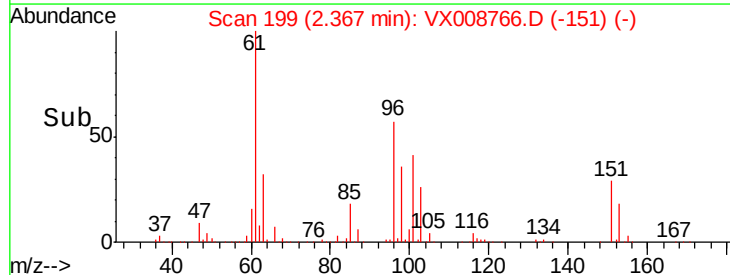
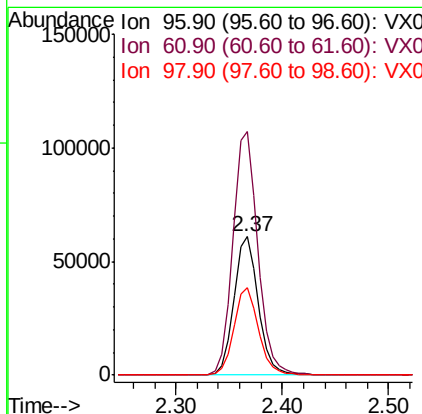
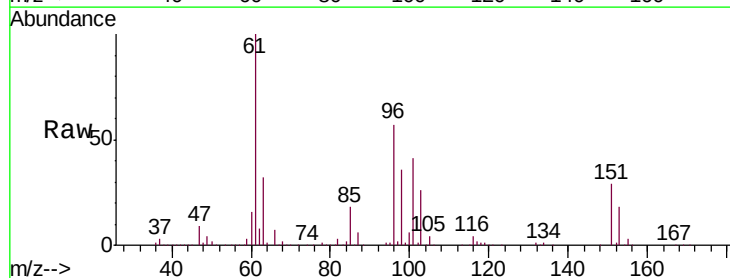
MMDadoda
 4/10/2019 10:05:07 AM

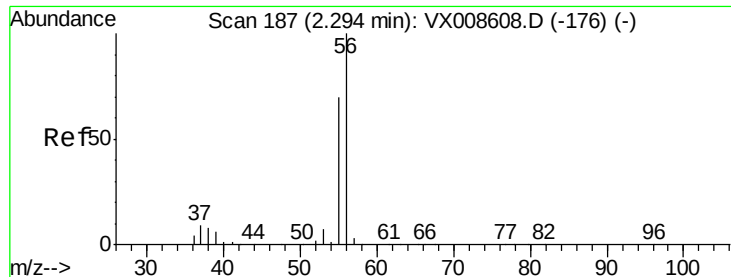


#12

1,1-Dichloroethene
 Concen: 46.698 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.3	140.9	211.3
98	63.2	52.1	78.1





#13

Acrolein

Concen: 277.147 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 85555

Ion Ratio Lower Upper

56 100

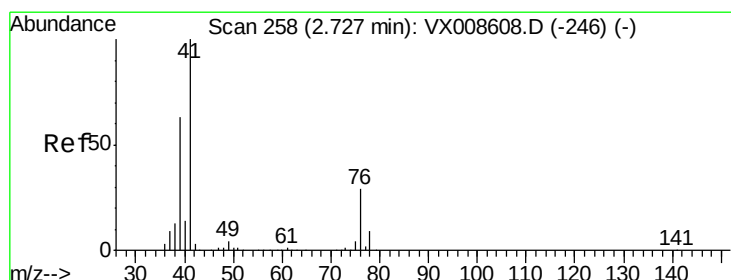
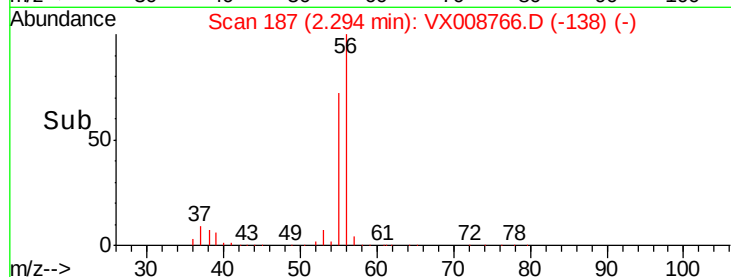
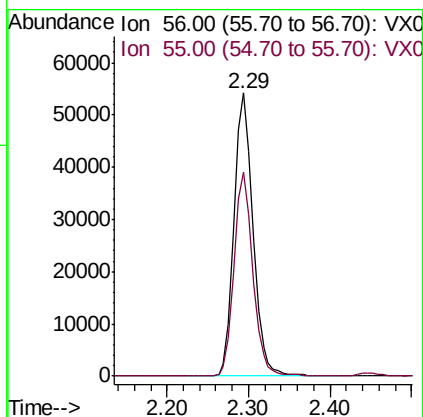
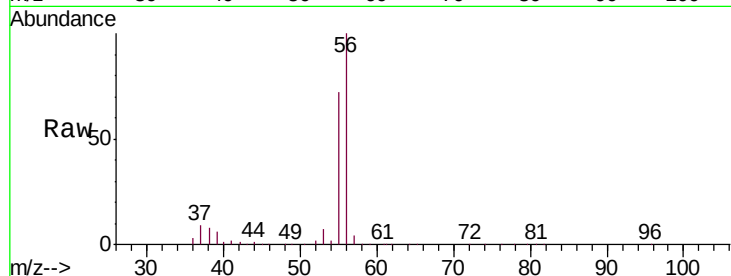
55 72.2 58.0 87.0

Manual Integrations

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#14

Allyl chloride

Concen: 48.602 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

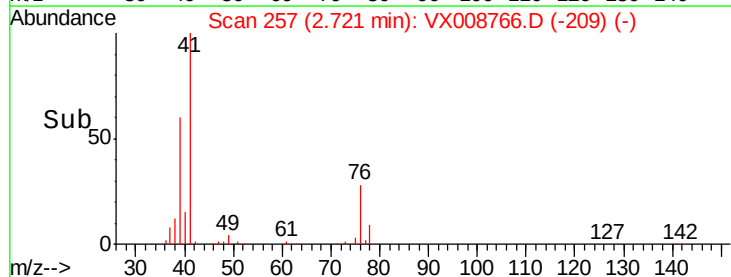
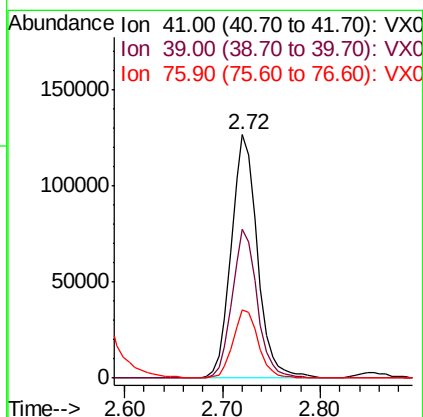
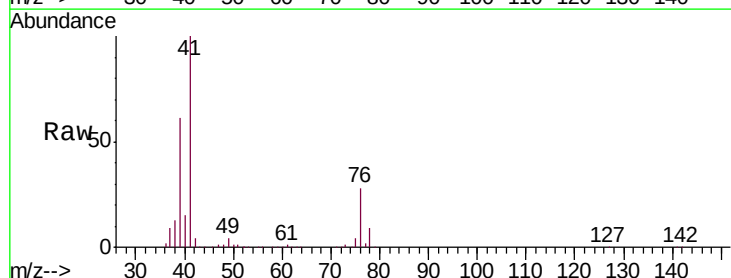
Tgt Ion: 41 Resp: 234515

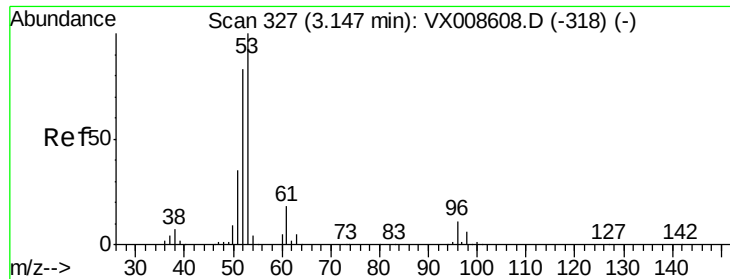
Ion Ratio Lower Upper

41 100

39 58.7 48.0 72.0

76 27.2 22.0 33.0





#15

Acrylonitrile

Concen: 236.454 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

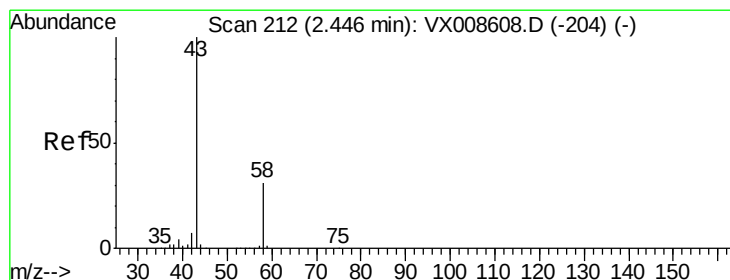
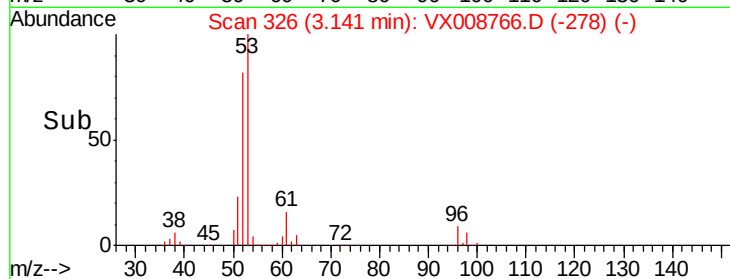
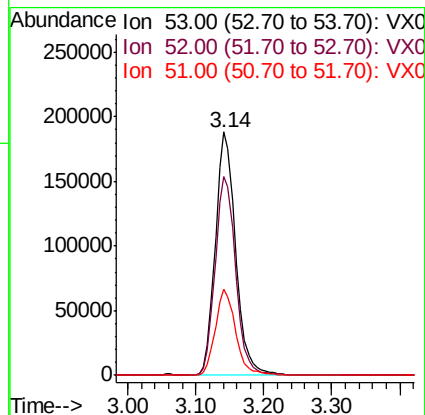
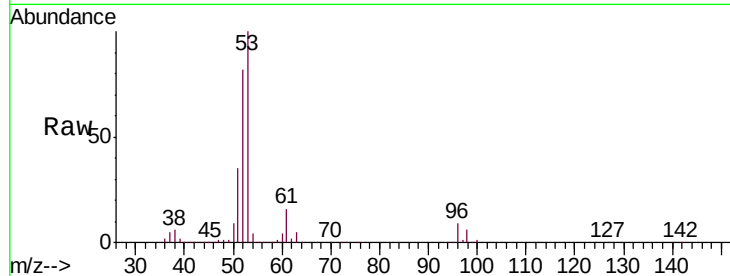
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	389977
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.5	99.7
51	35.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 241.183 ug/l

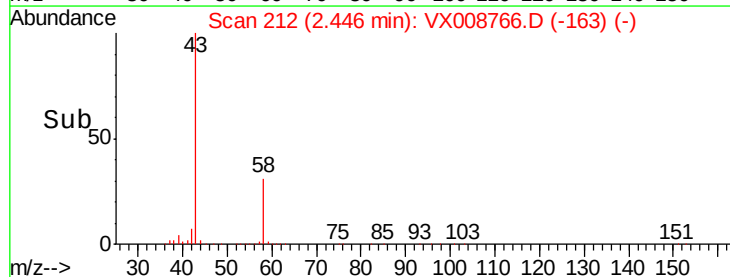
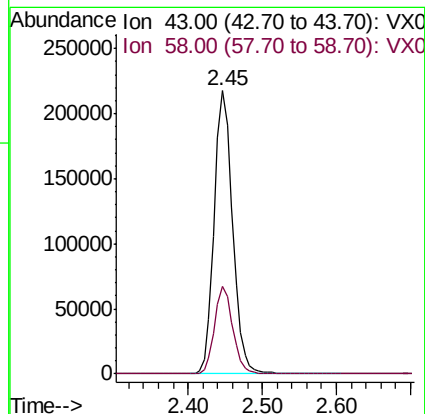
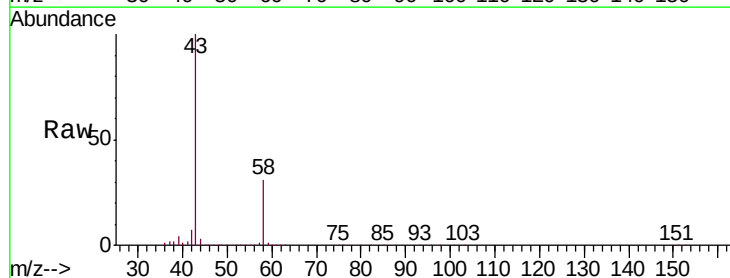
RT: 2.45 min Scan# 212

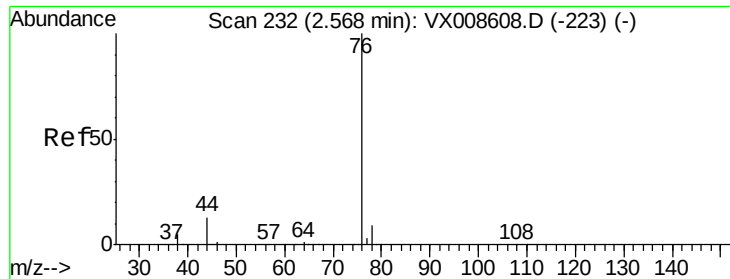
Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	43	Resp:	369407
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2





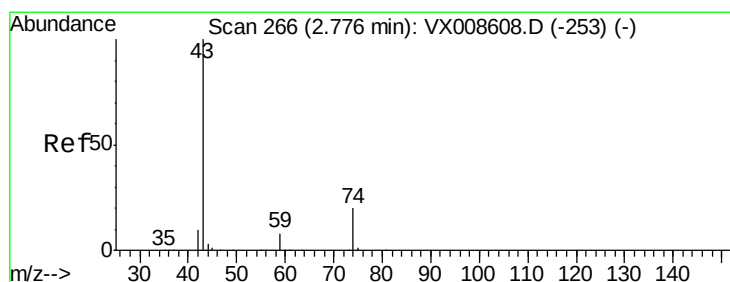
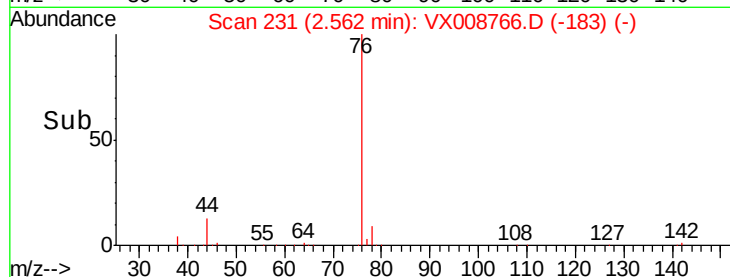
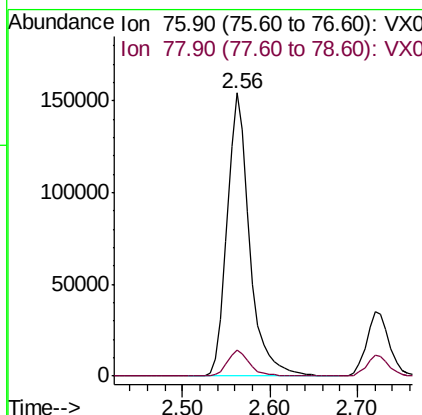
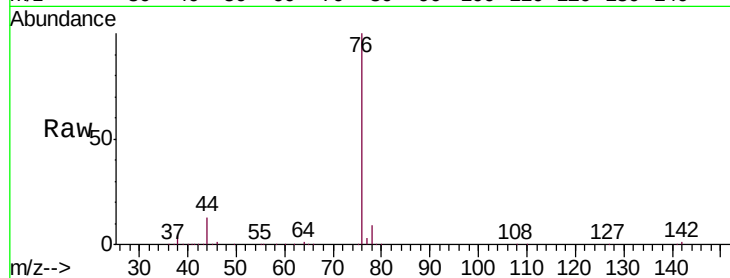
#17
Carbon Disulfide
Concen: 45.137 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 275173
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

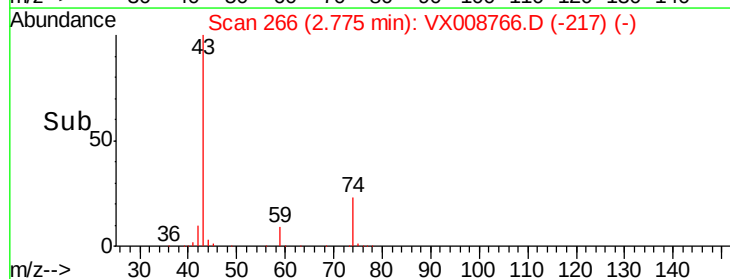
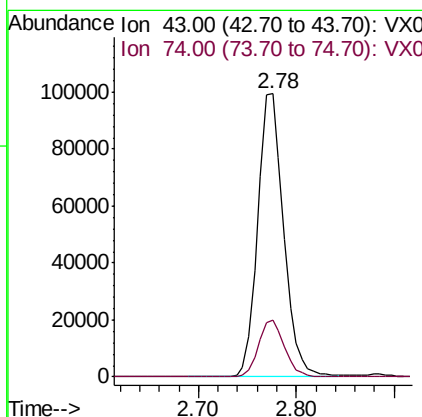
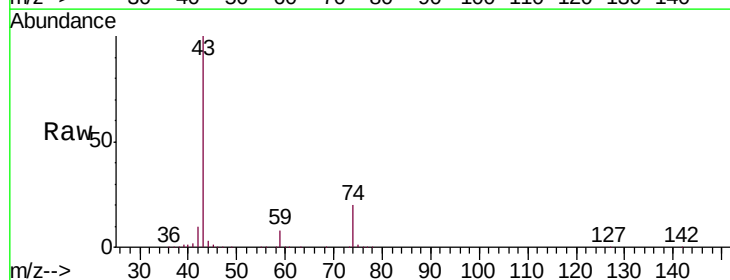
Manual Integrations
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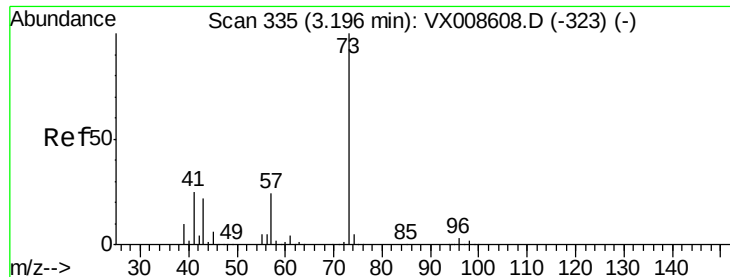
MMDadoda
4/10/2019 10:05:07 AM



#18
Methyl Acetate
Concen: 49.129 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 43 Resp: 182497
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7





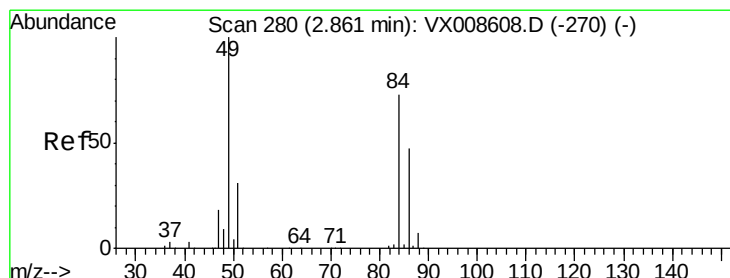
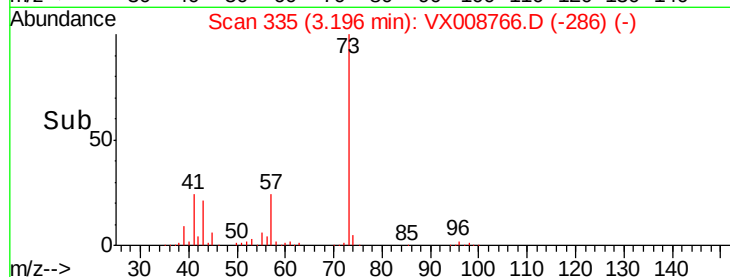
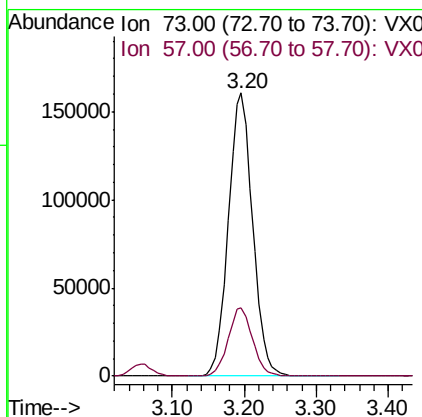
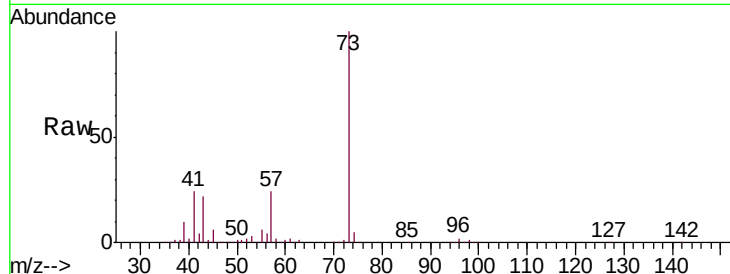
#19
Methyl tert-butyl Ether
Concen: 49.991 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 376299
Ion Ratio Lower Upper
73 100
57 24.2 19.5 29.3

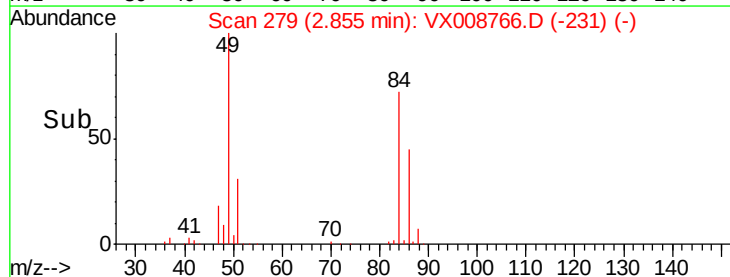
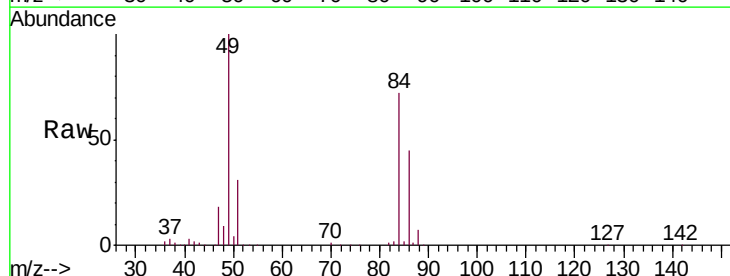
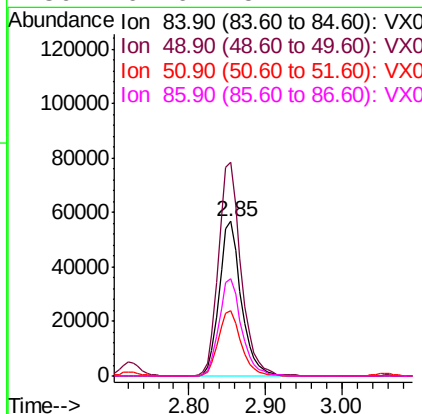
Manual Integrations
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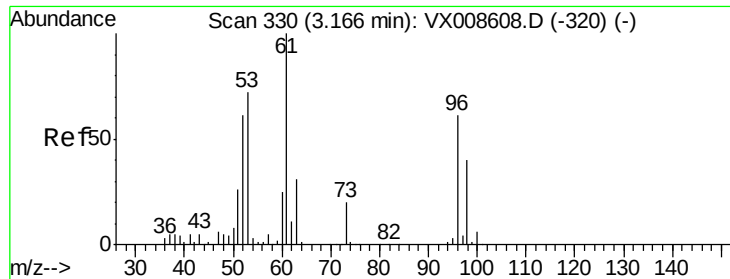
MMDadoda
4/10/2019 10:05:07 AM



#20
Methylene Chloride
Concen: 44.211 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 84 Resp: 113349
Ion Ratio Lower Upper
84 100
49 138.0 109.7 164.5
51 42.1 33.6 50.4
86 62.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.654 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

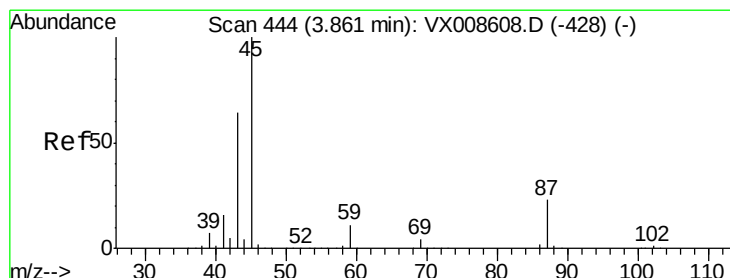
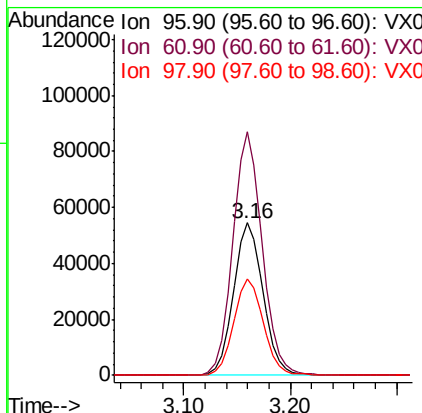
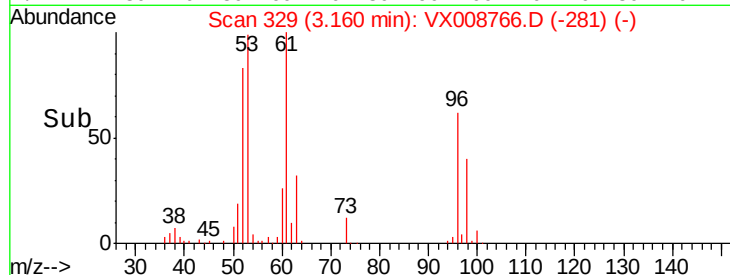
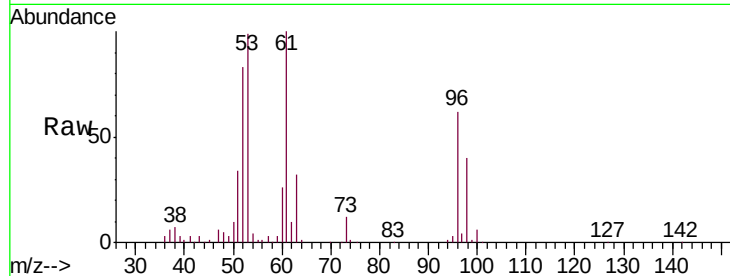
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	106367
Ion	Ratio	Lower	Upper
96	100		
61	160.0	132.1	198.1
98	63.5	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.801 ug/l

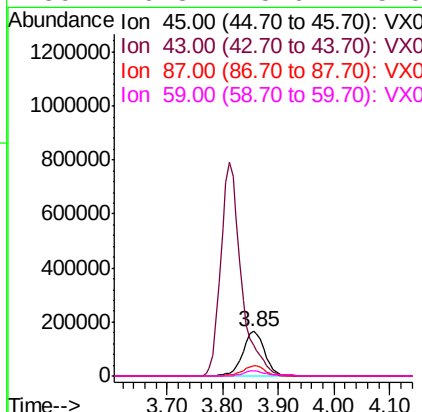
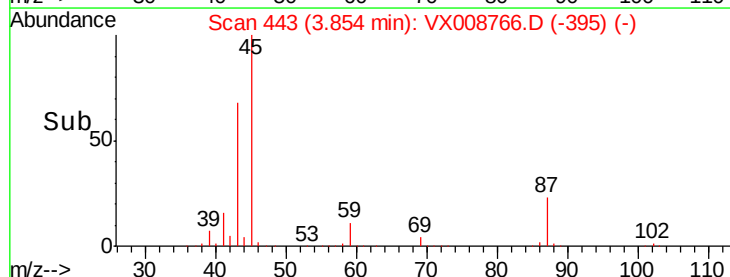
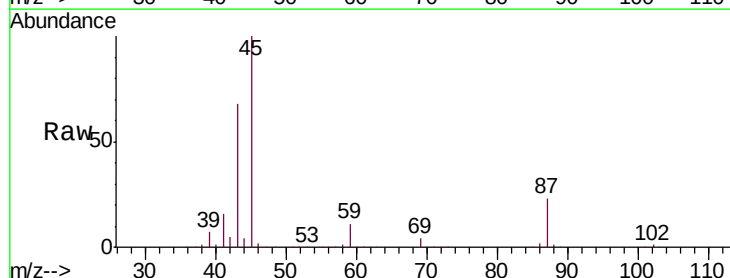
RT: 3.85 min Scan# 443

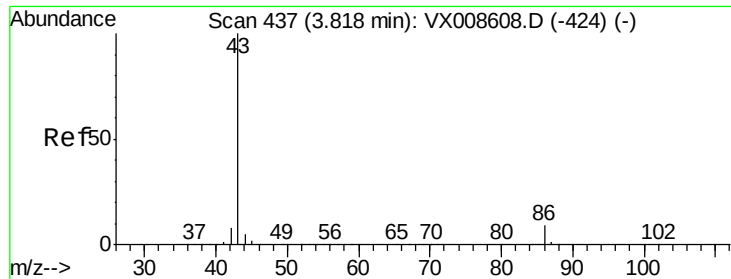
Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	45	Resp:	453861
Ion	Ratio	Lower	Upper
45	100		
43	68.0	51.3	76.9
87	22.9	18.1	27.1
59	10.8	8.6	13.0





#23

Vinyl Acetate

Concen: 249.511 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2018688

Ion Ratio Lower Upper

43 100

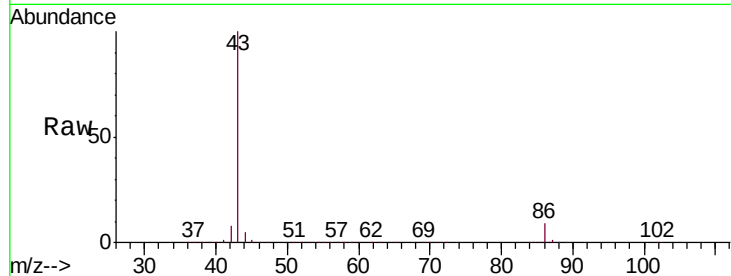
86 8.7 7.0 10.6

Manual Integrations

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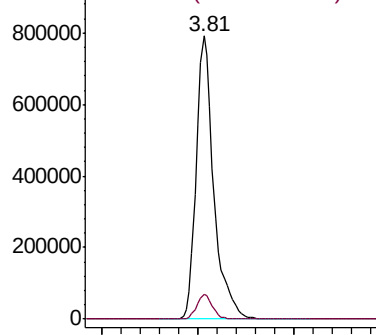
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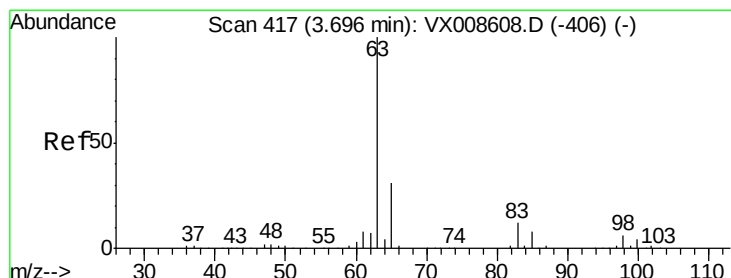
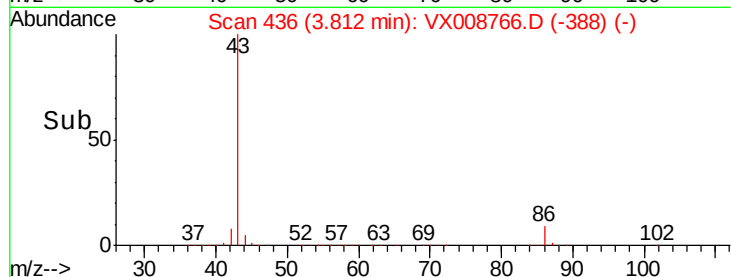


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.823 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

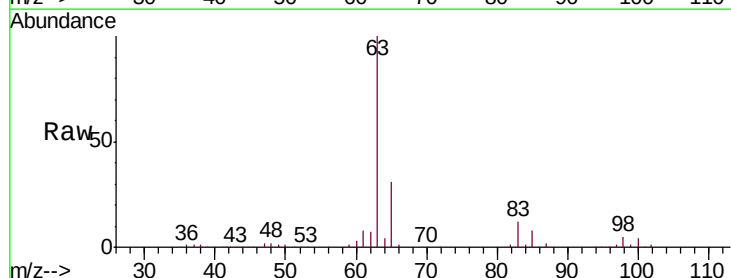
Tgt Ion: 63 Resp: 224812

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

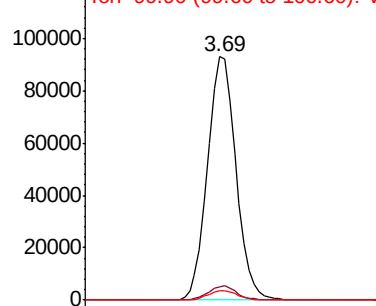
100 4.0 1.8 5.5



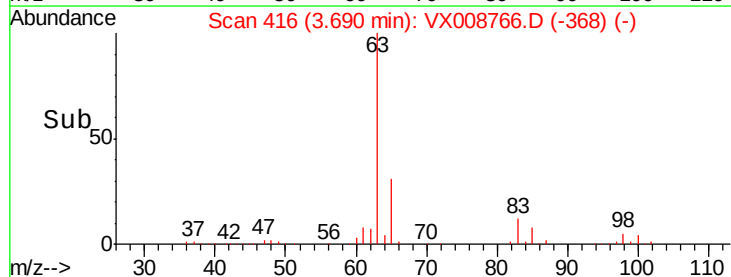
Abundance Ion 62.90 (62.60 to 63.60): VX0

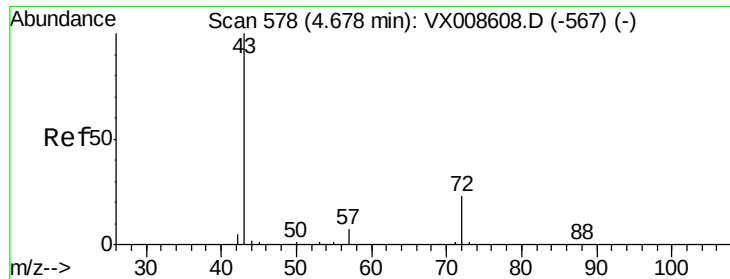
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 243.176 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 588683

Ion Ratio Lower Upper

43 100

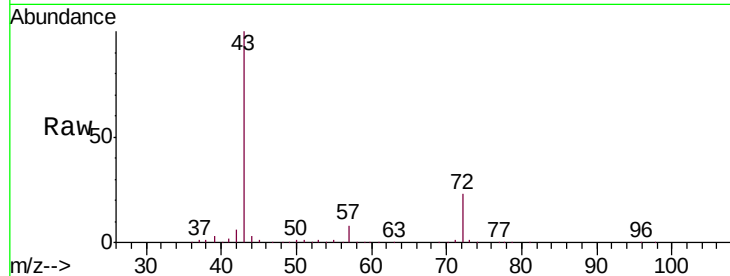
72 23.3 18.2 27.4

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

4.67

200000

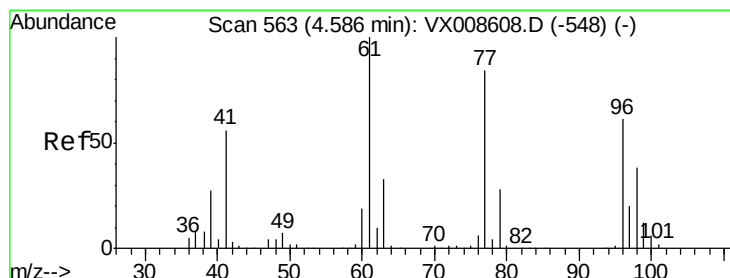
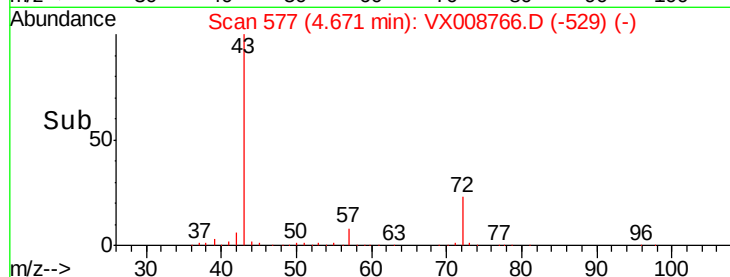
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.085 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008766.D

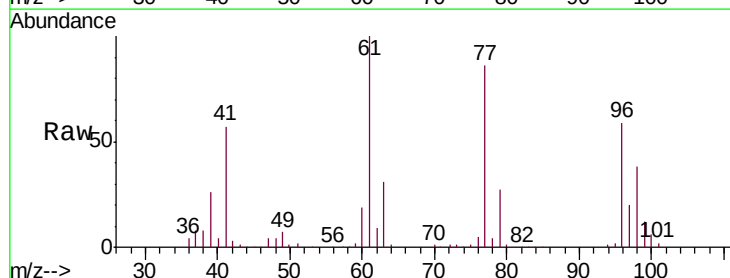
Acq: 09 Apr 2019 13:00

Tgt Ion: 77 Resp: 165676

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

50000

40000

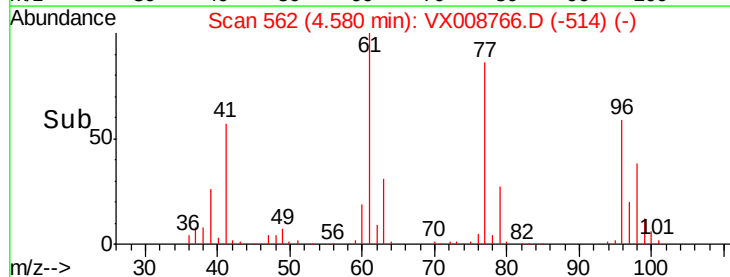
30000

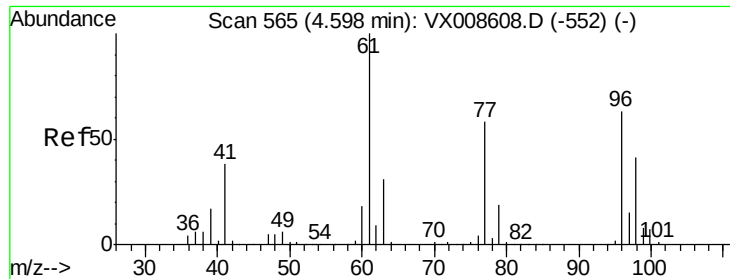
20000

10000

0

Time-->





#27

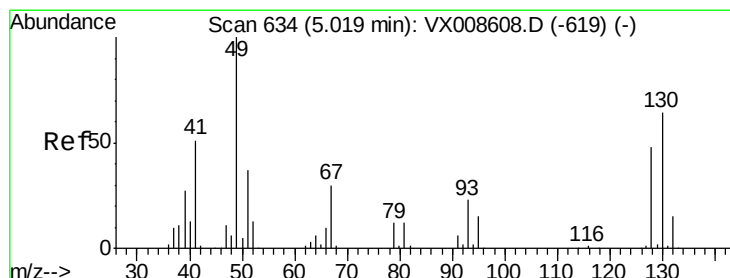
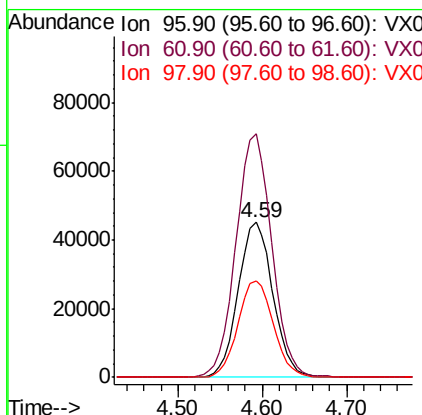
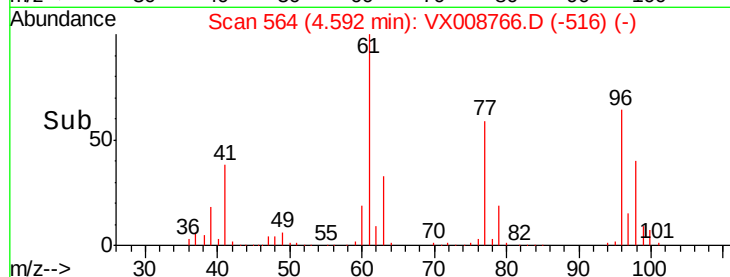
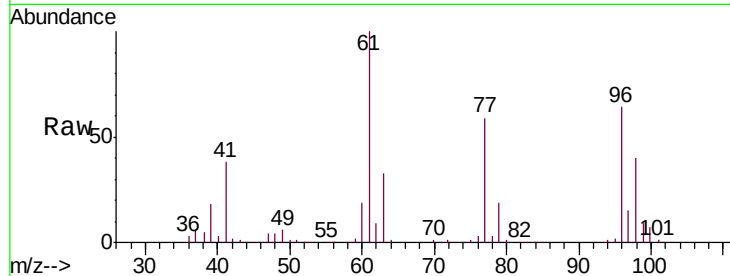
cis-1,2-Dichloroethene
Concen: 47.922 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	125617		
61	162.0	0.0	327.6	
98	63.8	0.0	128.6	

Manual Integrations
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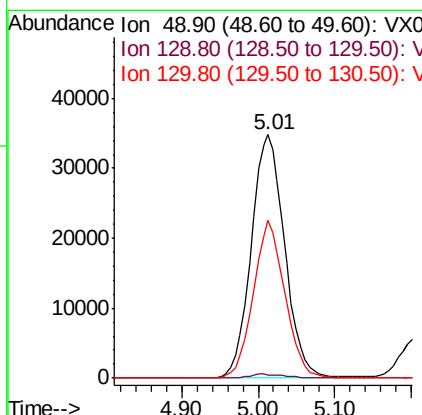
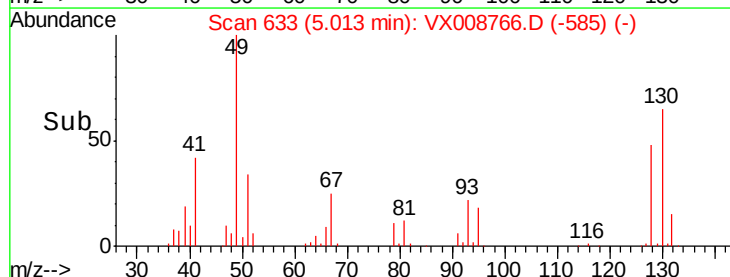
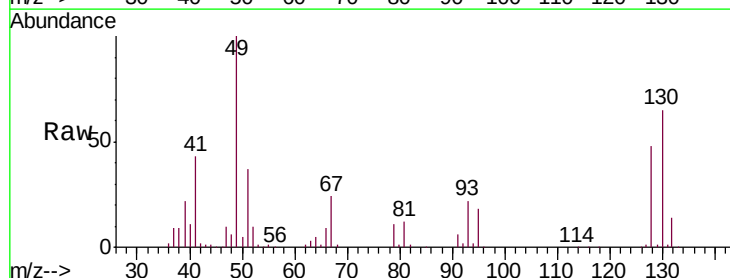
MMDadoda
4/10/2019 10:05:07 AM

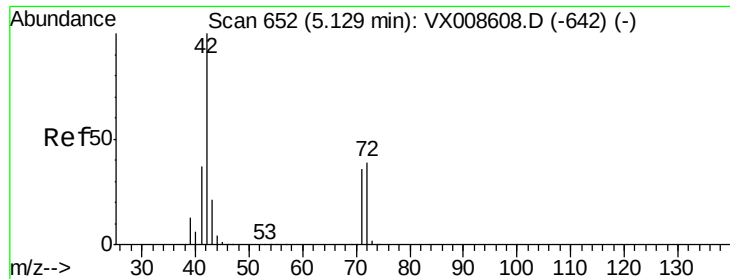


#28

Bromochloromethane
Concen: 55.232 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105627		
129	1.7	0.0	3.6	
130	61.3	49.3	73.9	





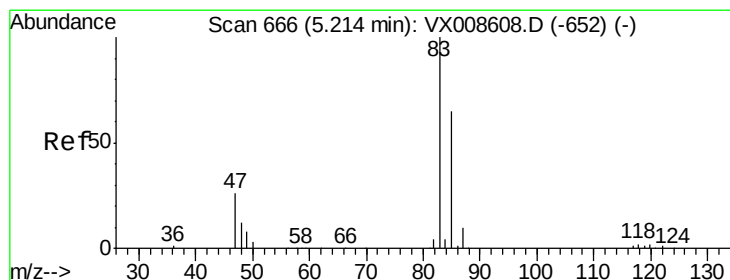
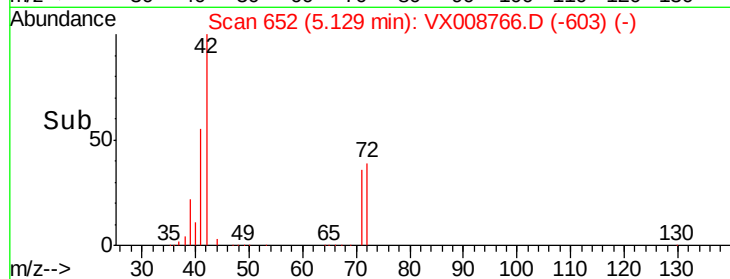
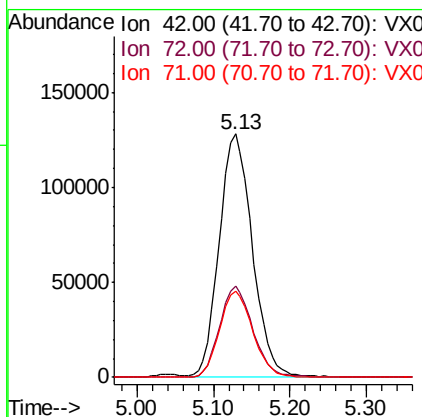
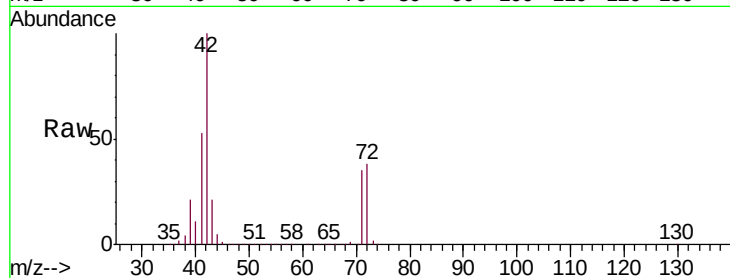
#29
Tetrahydrofuran
Concen: 238.306 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.0	30.5	45.7
71	35.6	28.6	43.0

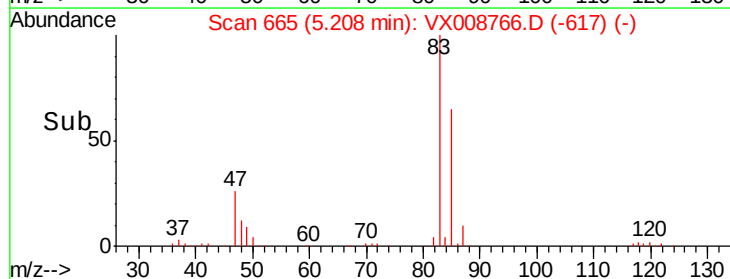
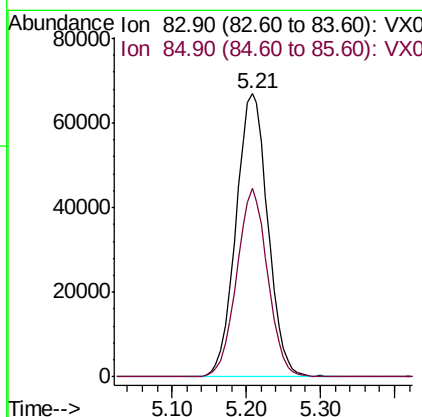
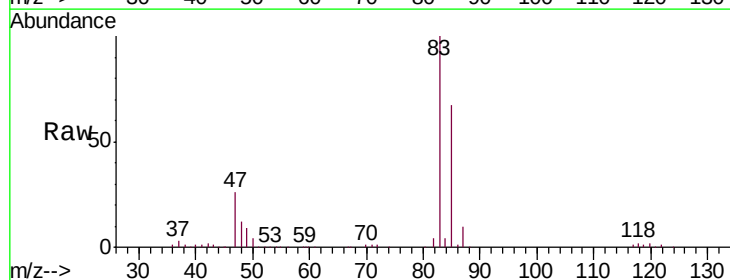
Manual Integrations
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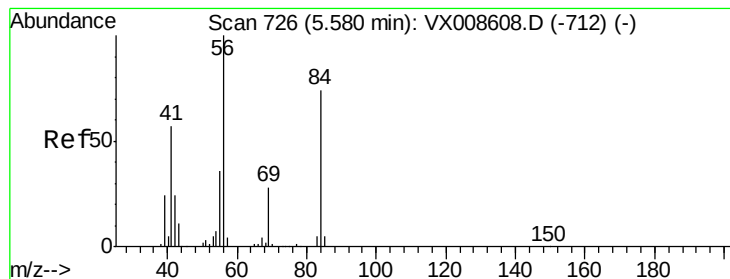
MMDadoda
4/10/2019 10:05:07 AM



#30
Chloroform
Concen: 48.899 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.1	78.1





#31

Cyclohexane

Concen: 47.369 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

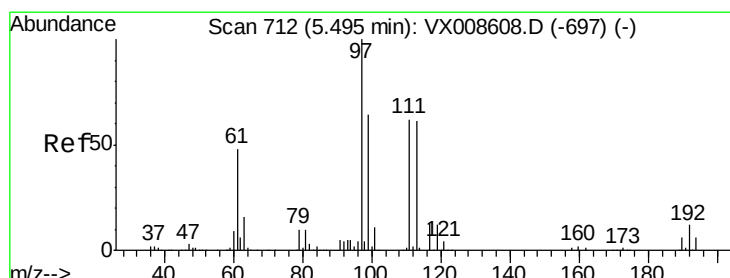
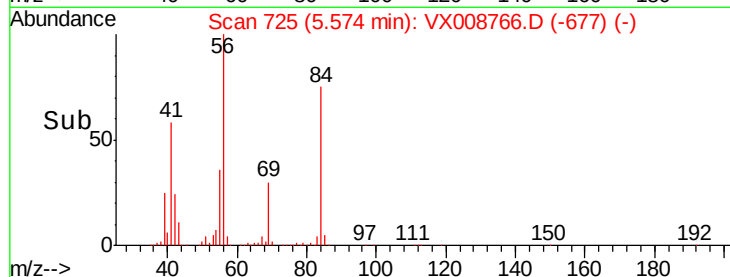
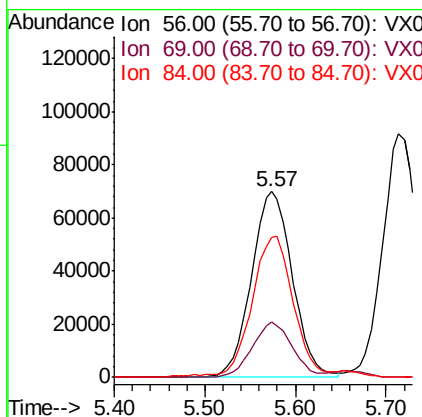
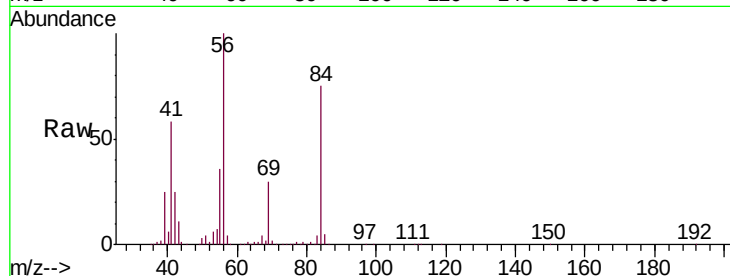
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	217641
Ion	Ratio	Lower	Upper
56	100		
69	29.7	22.6	33.8
84	74.4	59.3	88.9

Manual Integrations
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4/10/2019 10:05:07 AM



#32

1,1,1-Trichloroethane

Concen: 49.747 ug/l

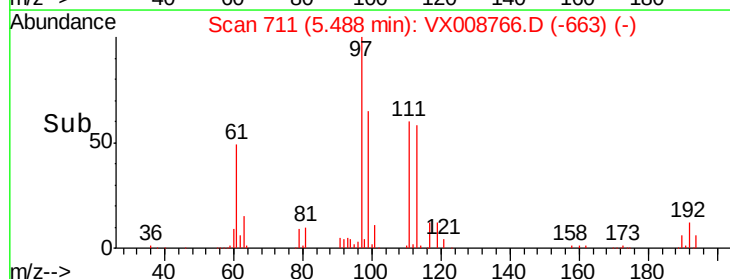
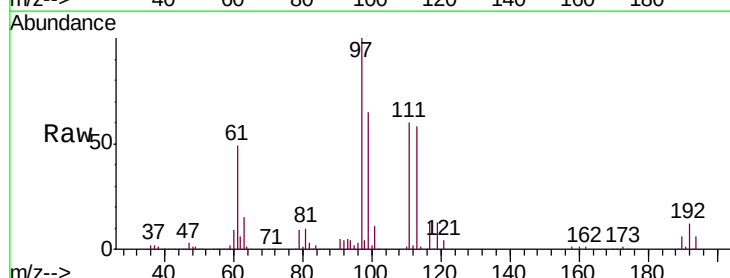
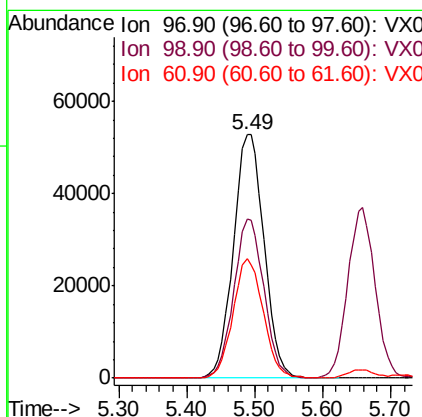
RT: 5.49 min Scan# 711

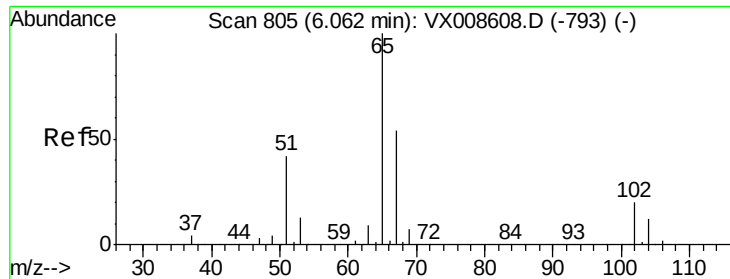
Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	97	Resp:	165333
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	48.4	38.9	58.3





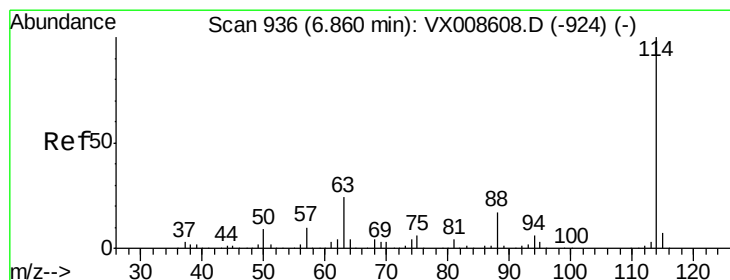
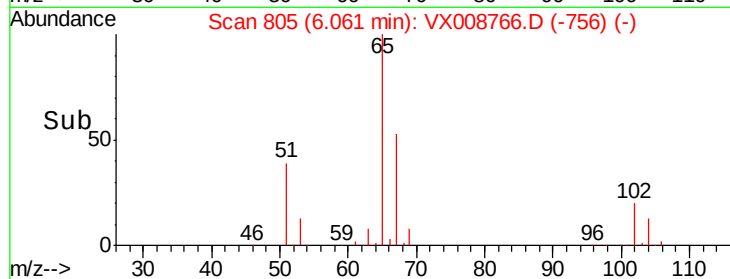
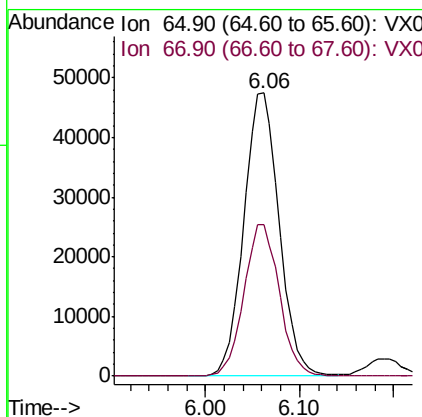
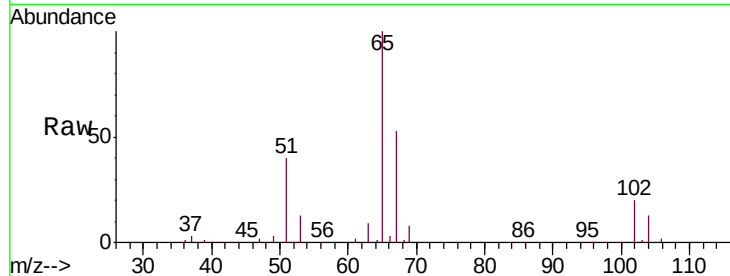
#33
 1,2-Dichloroethane-d4
 Concen: 46.673 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.2

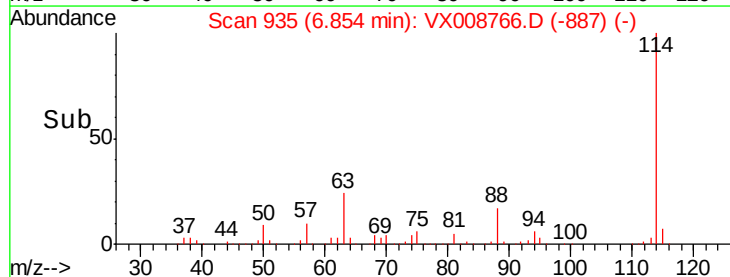
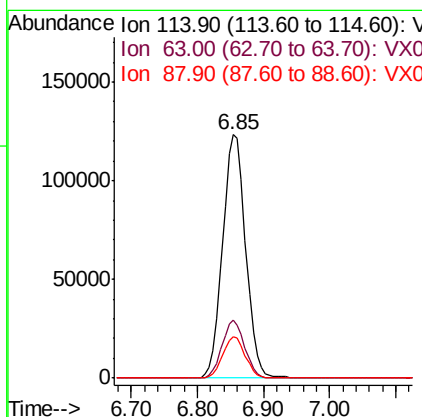
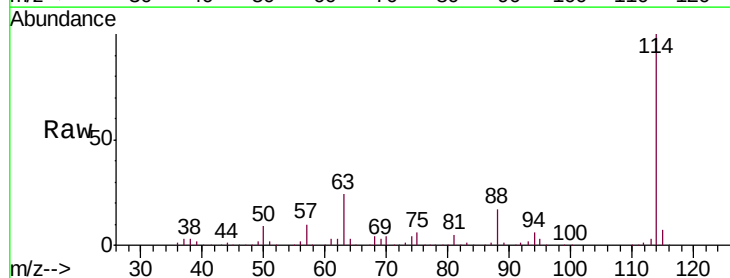
Manual Integrations
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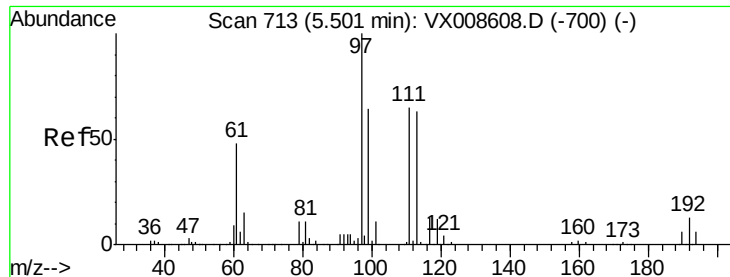
MMDadoda
 4/10/2019 10:05:07 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	47.2
88	16.9	0.0	34.0





#35

Dibromofluoromethane

Concen: 48.592 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

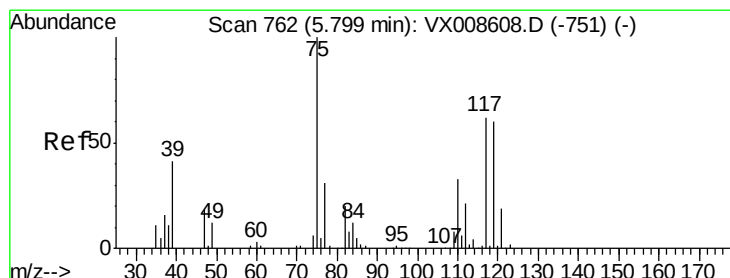
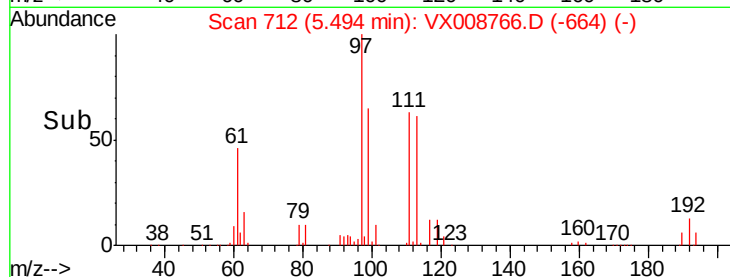
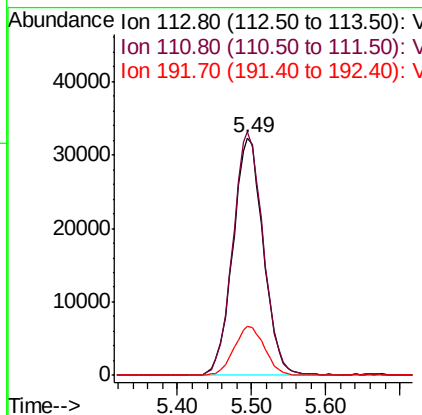
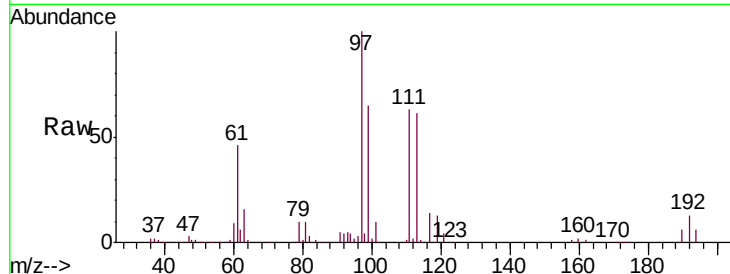
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	92689
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.2
192	20.7	16.1	24.1

Manual Integrations
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MMDadoda
4/10/2019 10:05:07 AM



#36

1,1-Dichloropropene

Concen: 48.896 ug/l

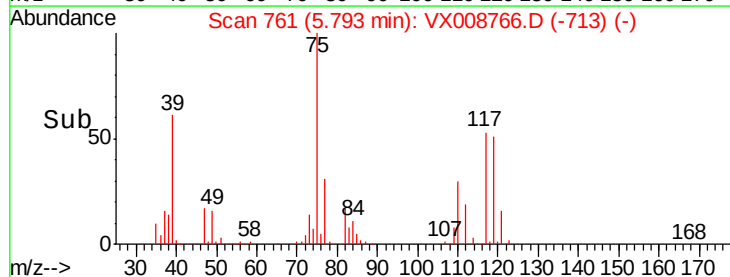
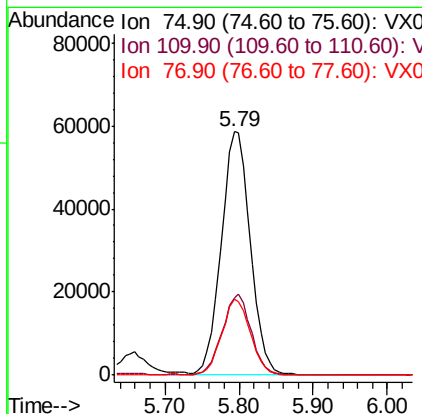
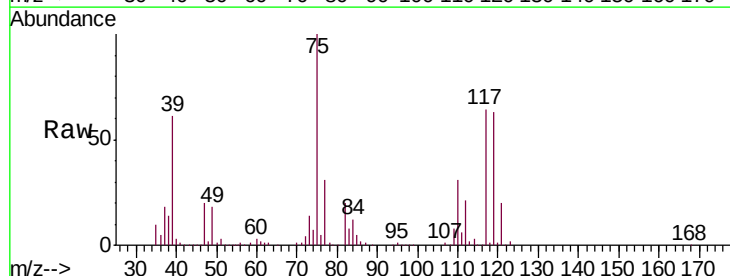
RT: 5.79 min Scan# 761

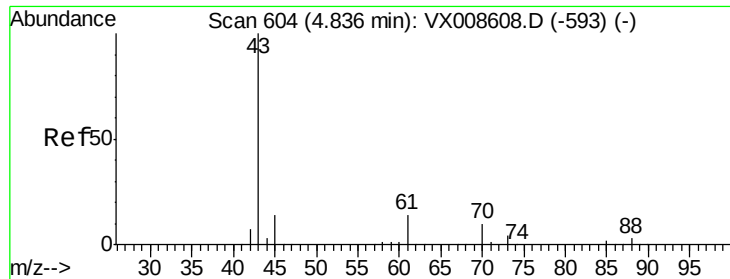
Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	75	Resp:	159460
Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.4	49.2
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 50.392 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

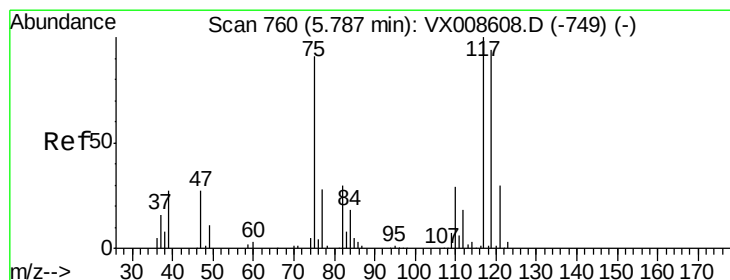
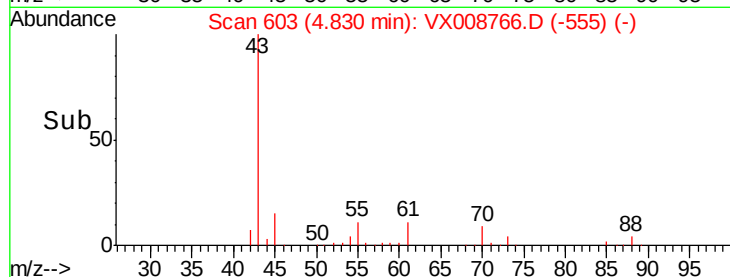
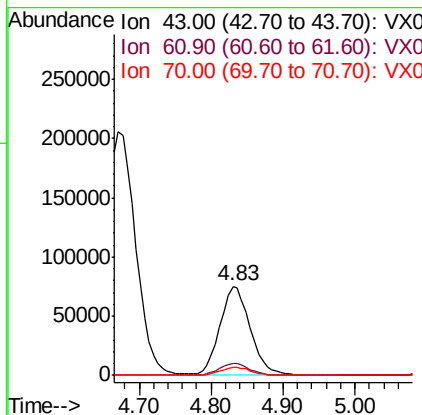
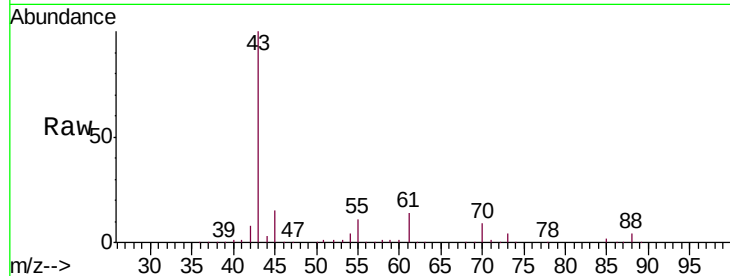
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	219360
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.3	15.5
70	9.5	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.259 ug/l

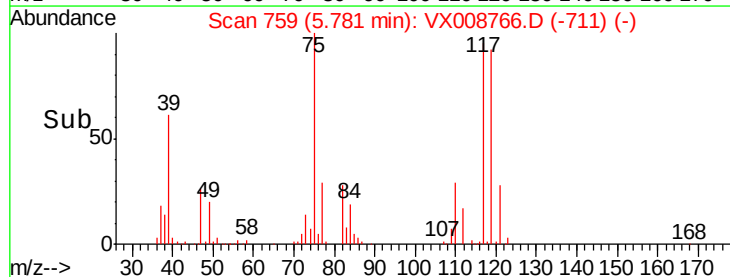
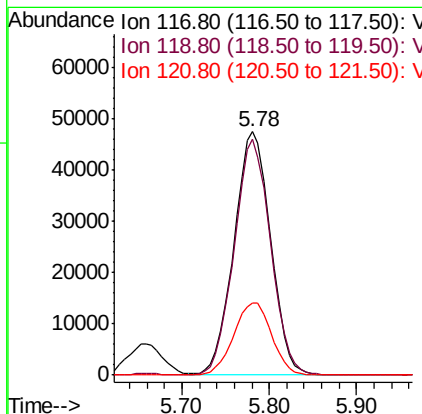
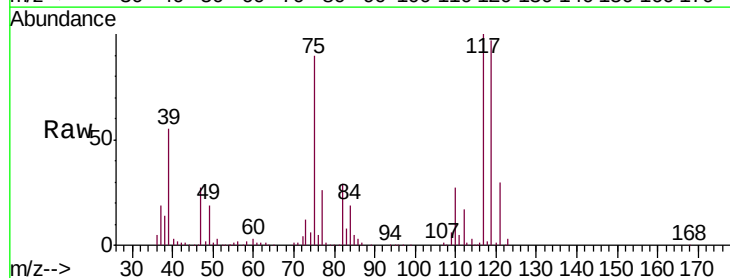
RT: 5.78 min Scan# 759

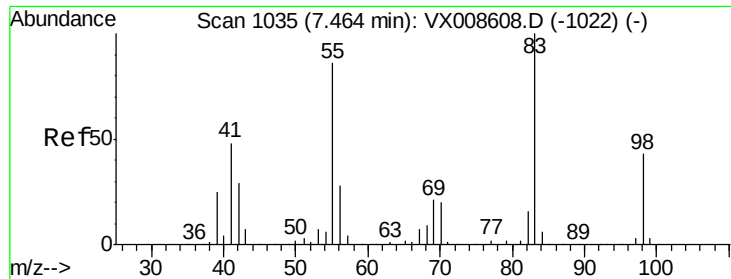
Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	117	Resp:	138359
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.0	112.6
121	29.9	24.3	36.5





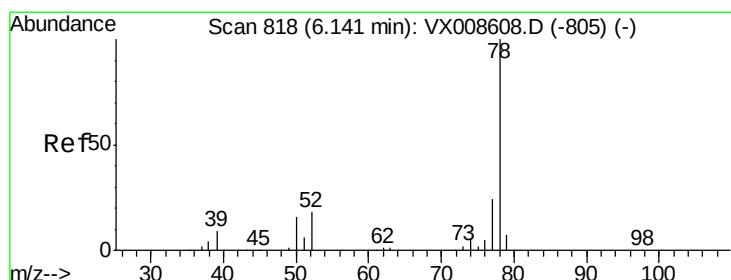
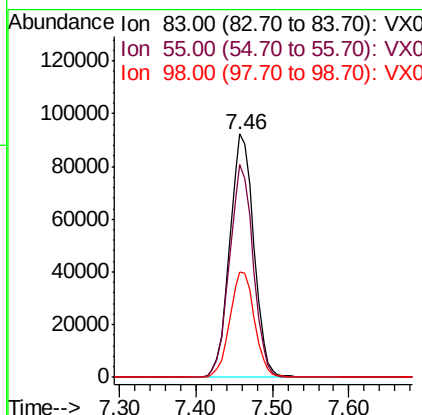
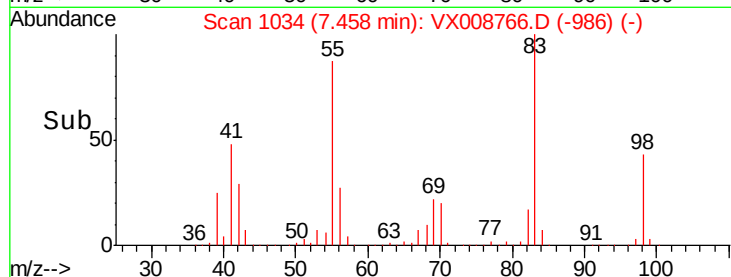
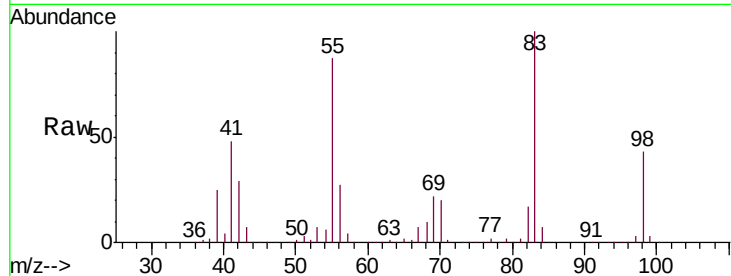
#39
Methylcyclohexane
Concen: 49.961 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.4	69.0	103.6
98	43.1	34.4	51.6

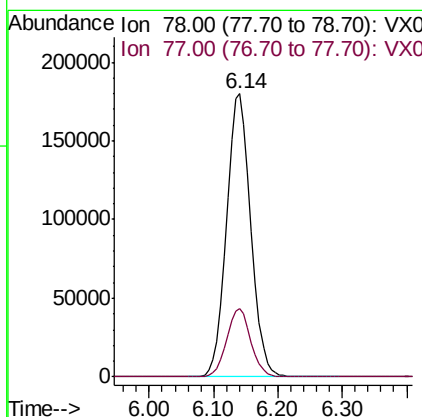
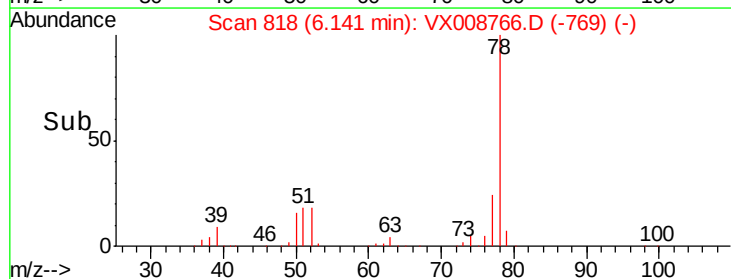
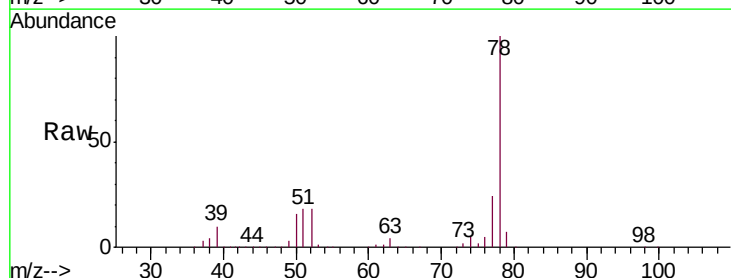
Manual Integrations
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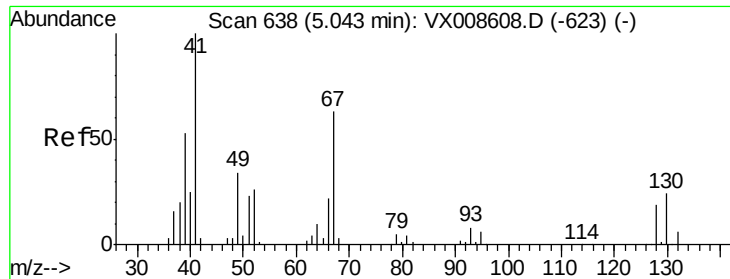
MMDadoda
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#40
Benzene
Concen: 48.944 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





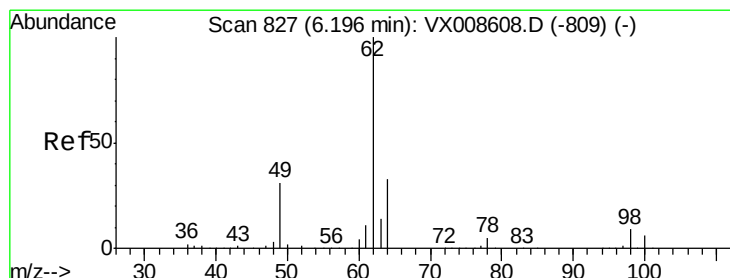
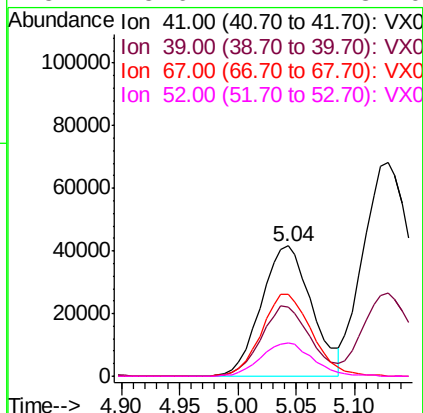
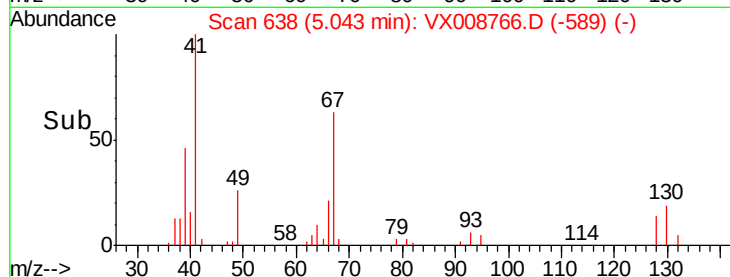
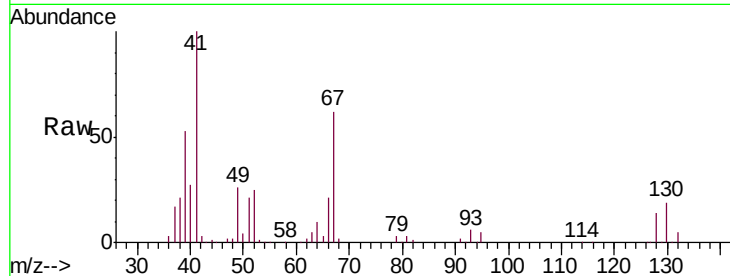
#41
Methacrylonitrile
Concen: 50.079 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	42.1	63.1	
67	63.1	51.0	76.6	
52	25.6	21.4	32.0	

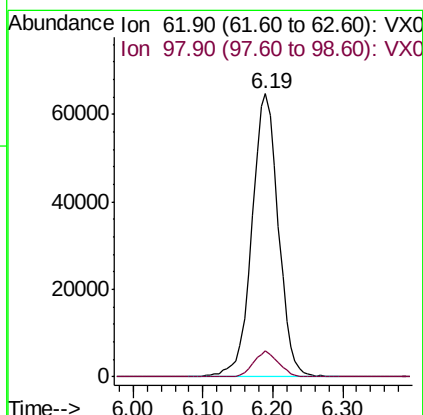
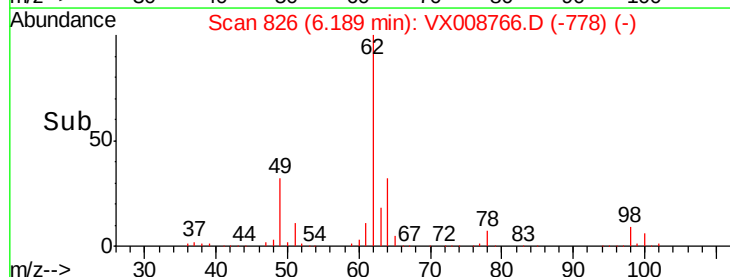
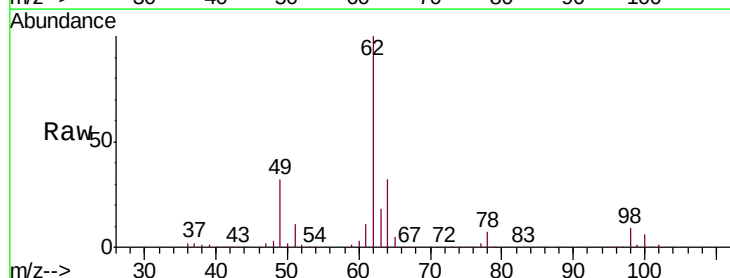
Manual Integrations
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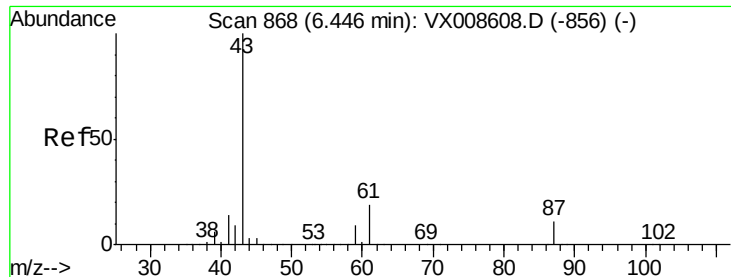
MMDadoda
4/10/2019 10:05:07 AM



#42
1,2-Dichloroethane
Concen: 48.806 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.0	





#43

Isopropyl Acetate

Concen: 50.482 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

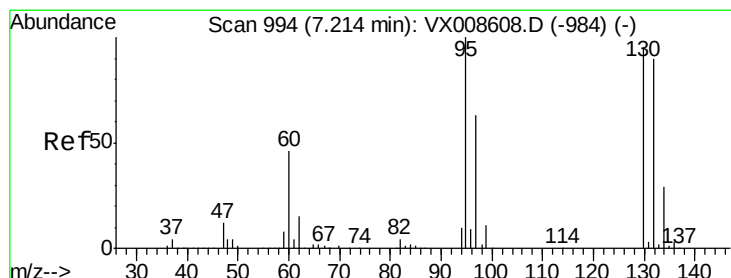
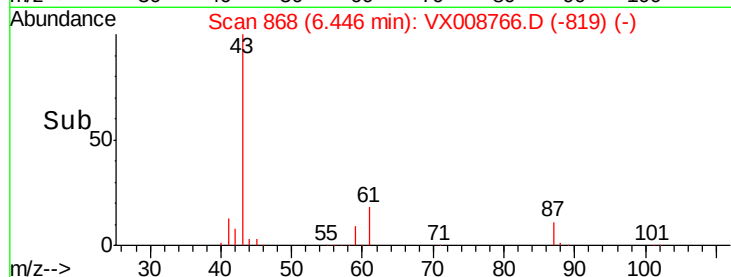
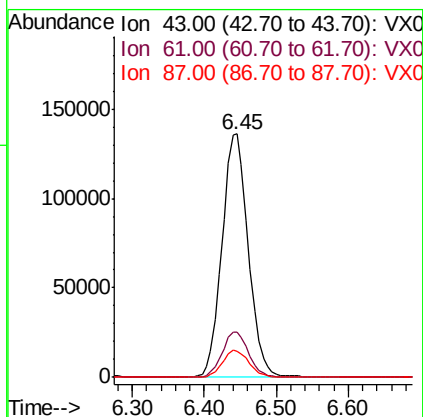
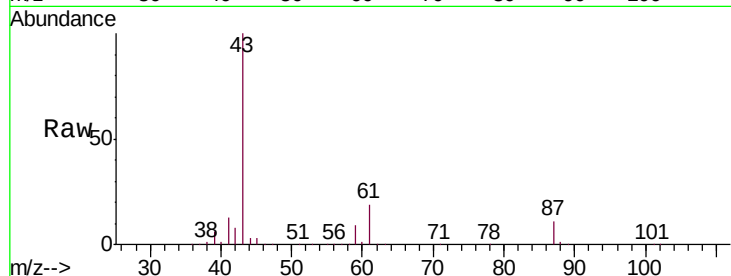
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	344243
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.816 ug/l

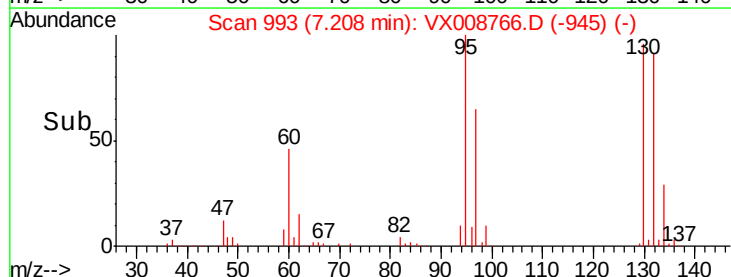
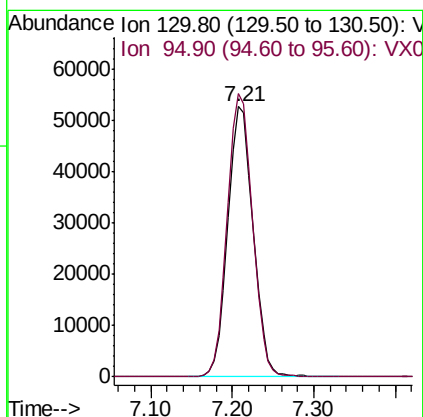
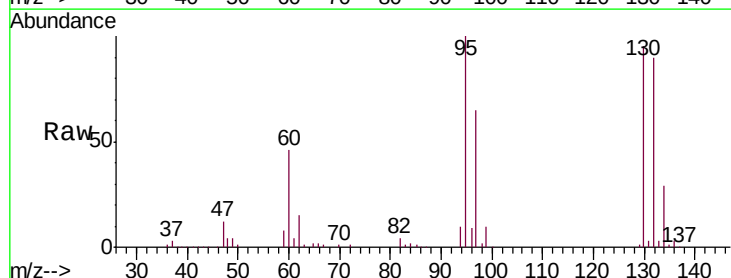
RT: 7.21 min Scan# 993

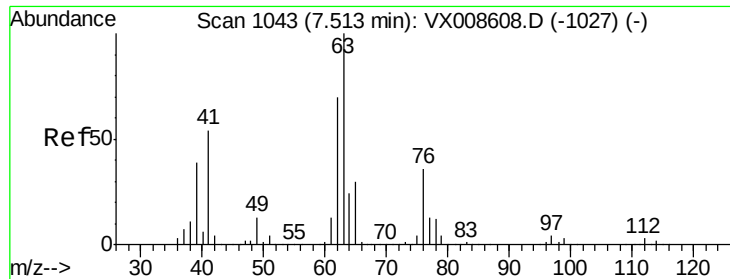
Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	130	Resp:	112725
Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	209.8





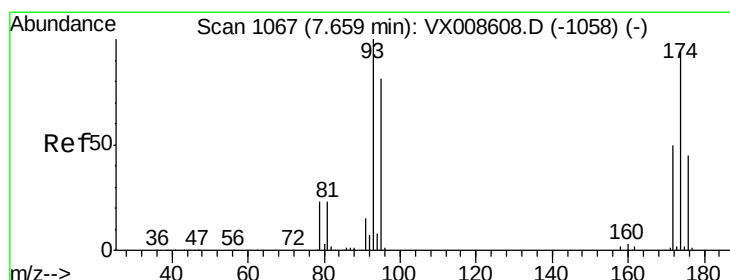
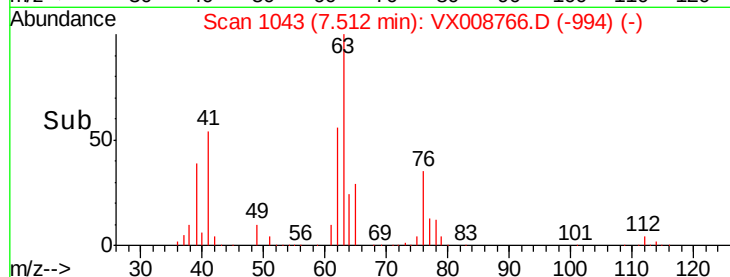
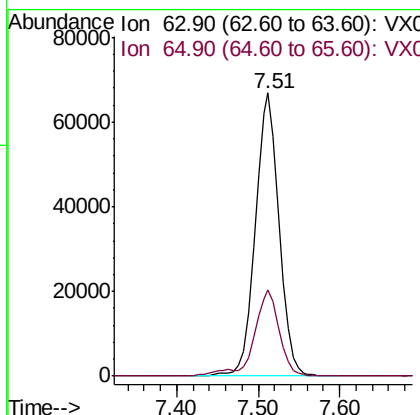
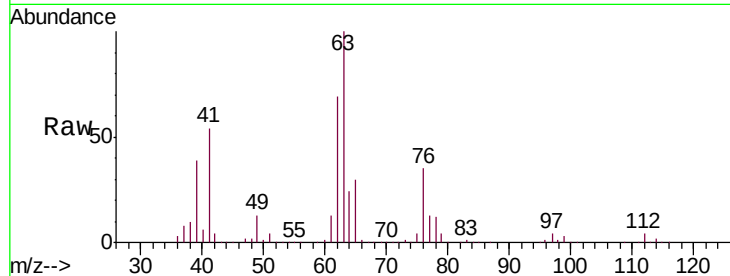
#45
 1,2-Dichloropropane
 Concen: 49.181 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 136383
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.4

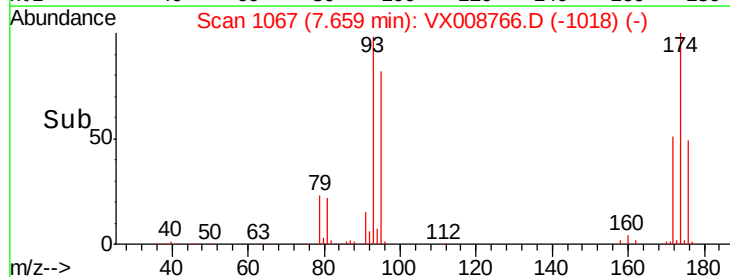
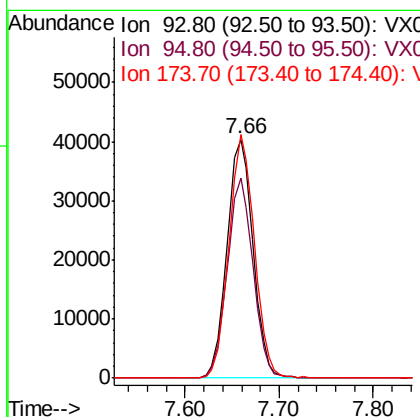
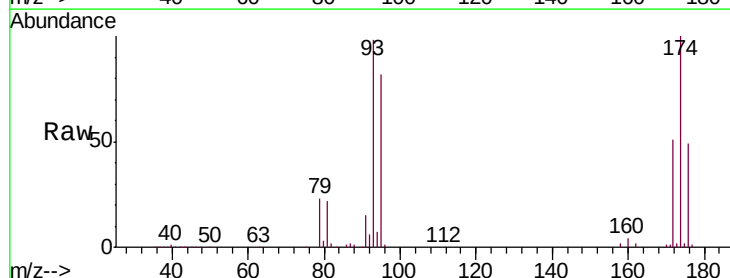
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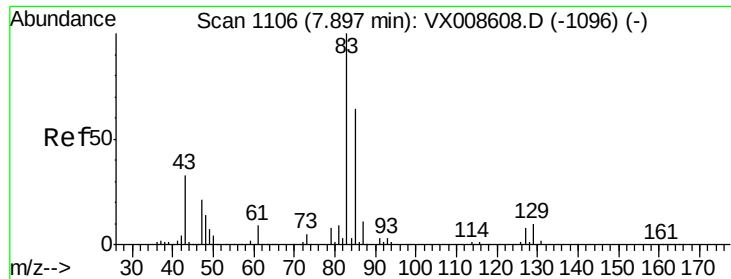
MMDadoda
 4/10/2019 10:05:07 AM



#46
 Dibromomethane
 Concen: 48.171 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 93 Resp: 77474
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 99.8 77.7 116.5





#47

Bromodichloromethane

Concen: 51.580 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

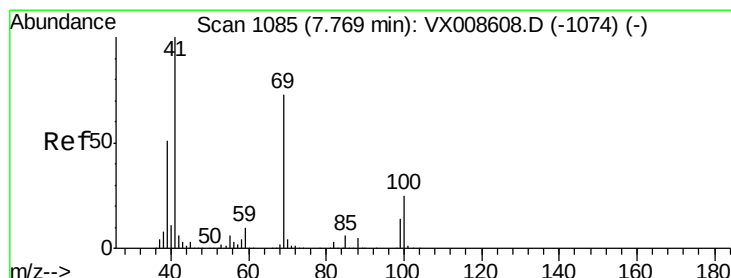
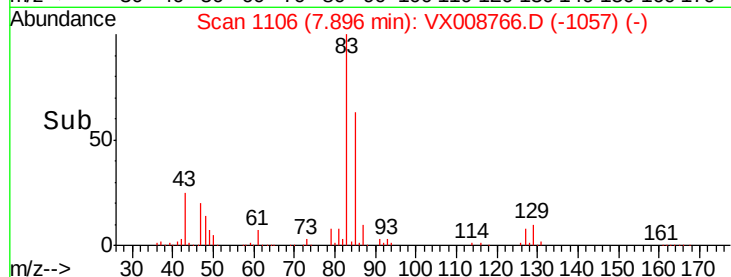
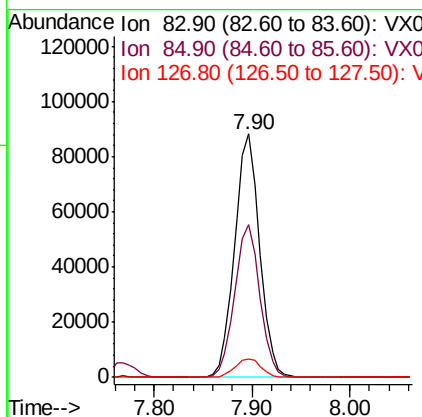
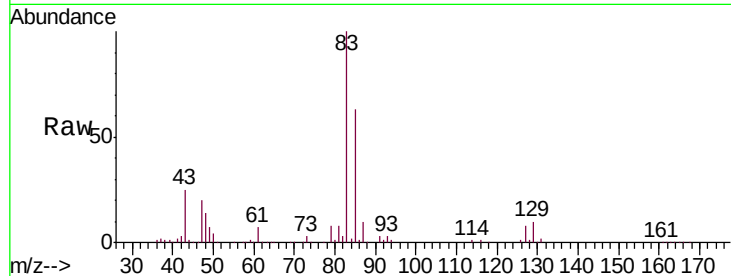
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	156415
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.2	76.8
127	7.7	6.6	10.0

Manual Integrations
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MMDadoda
4/10/2019 10:05:07 AM



#48

Methyl methacrylate

Concen: 50.120 ug/l

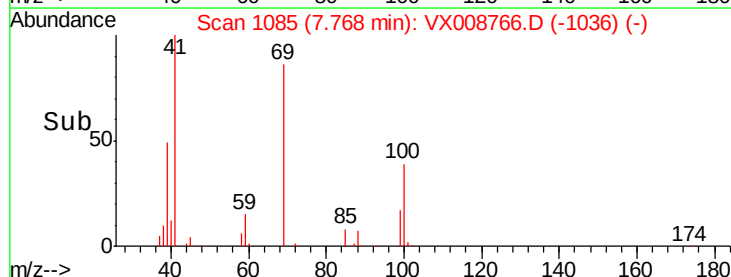
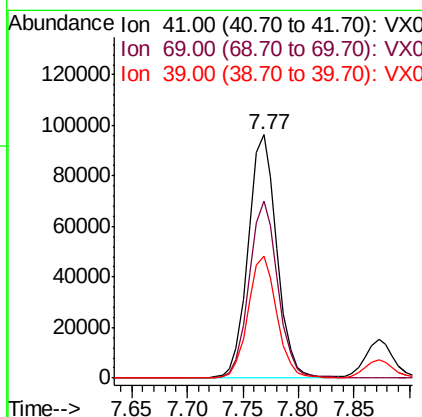
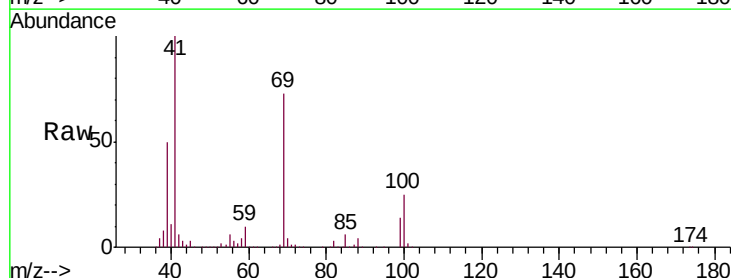
RT: 7.77 min Scan# 1085

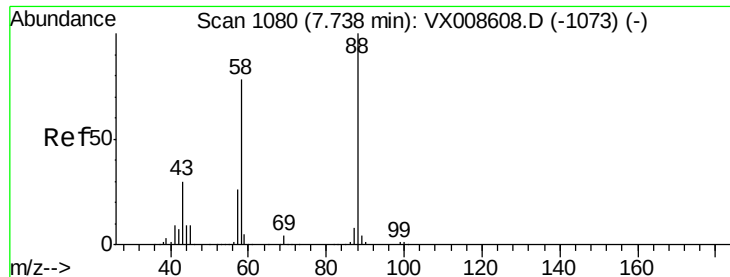
Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	41	Resp:	172884
Ion	Ratio	Lower	Upper
41	100		
69	73.1	59.0	88.4
39	50.0	41.0	61.4





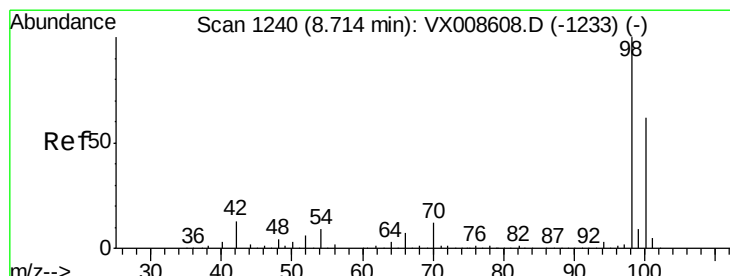
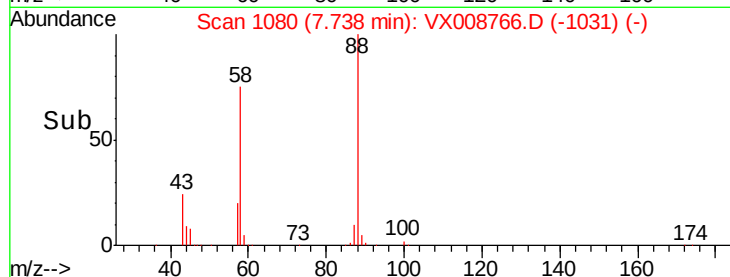
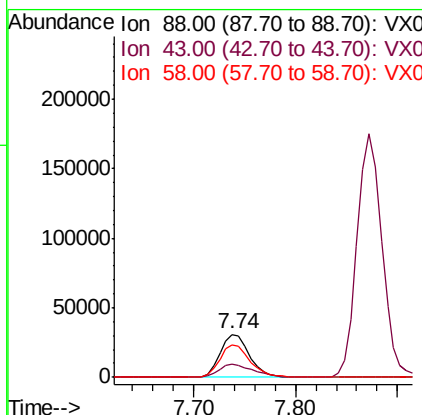
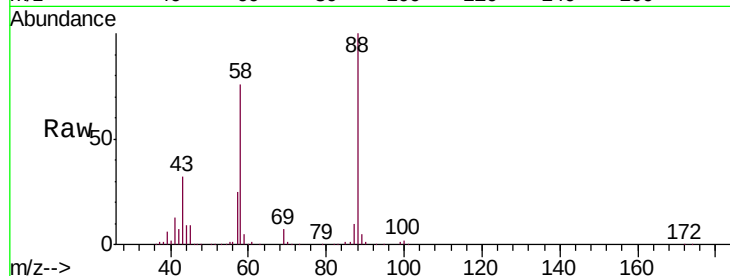
#49
1,4-Dioxane
Concen: 956.862 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.6	43.0
58	78.8	62.2	93.2

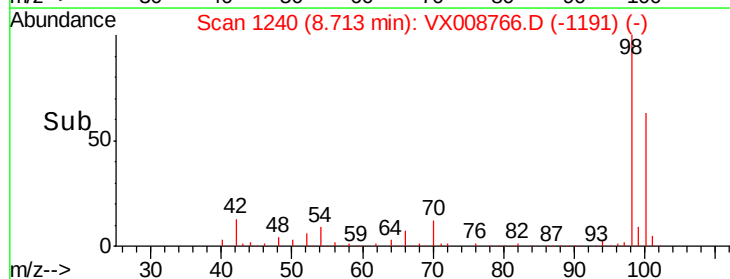
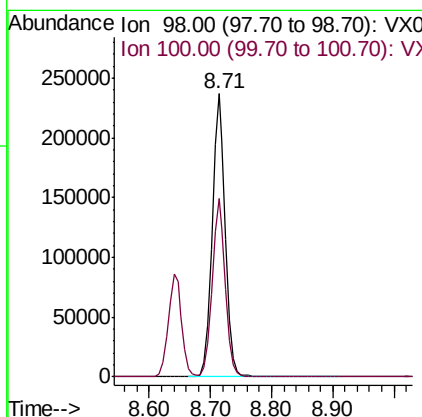
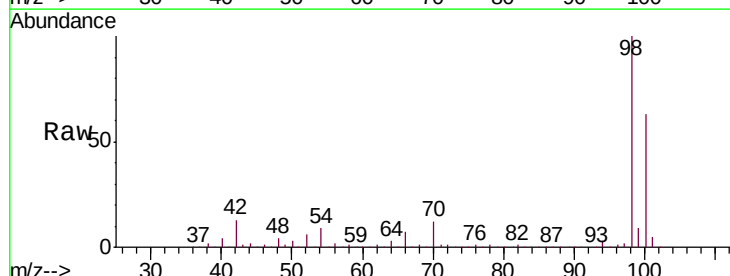
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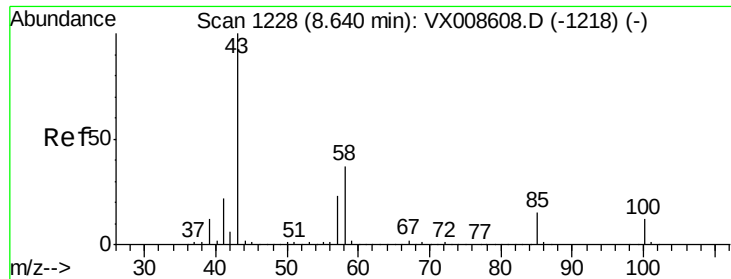
MMDadoda
4/10/2019 10:05:07 AM



#50
Toluene-d8
Concen: 47.461 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 248.896 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1092574

Ion Ratio Lower Upper

43 100

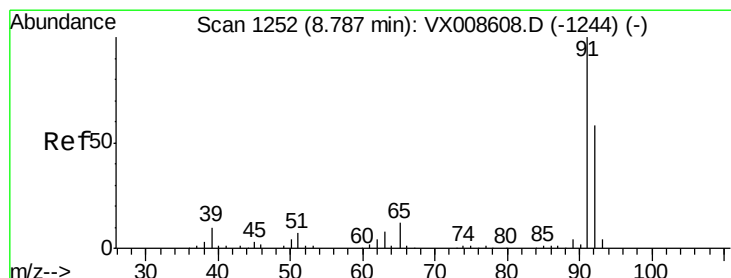
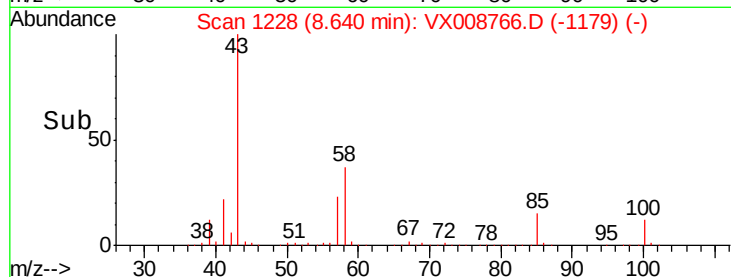
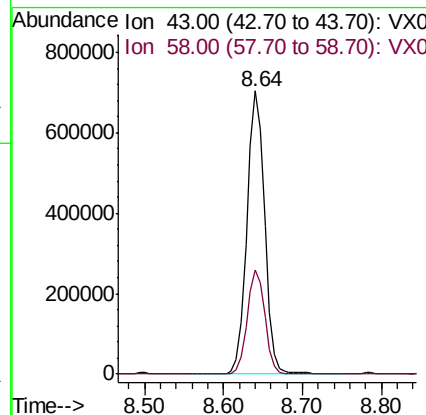
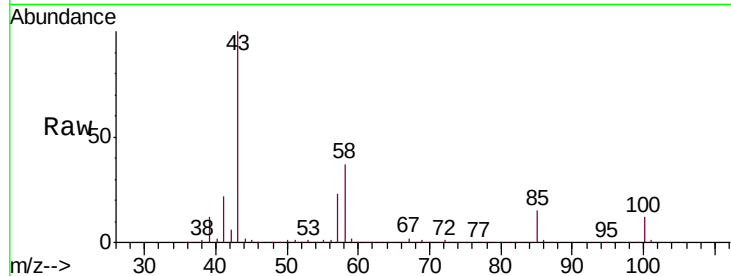
58 36.7 29.5 44.3

Manual Integrations

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4/10/2019 10:05:07 AM



#52

Toluene

Concen: 49.097 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008766.D

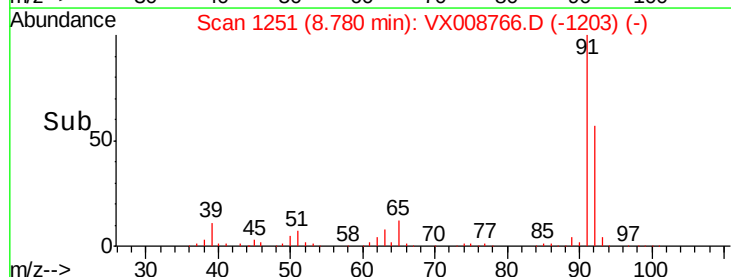
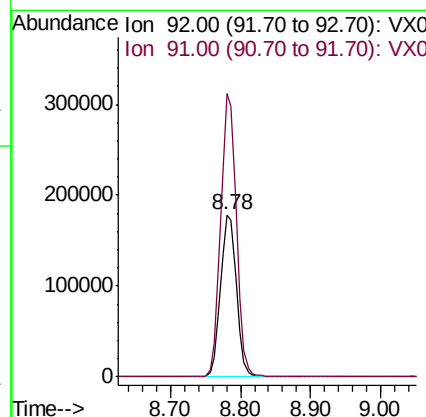
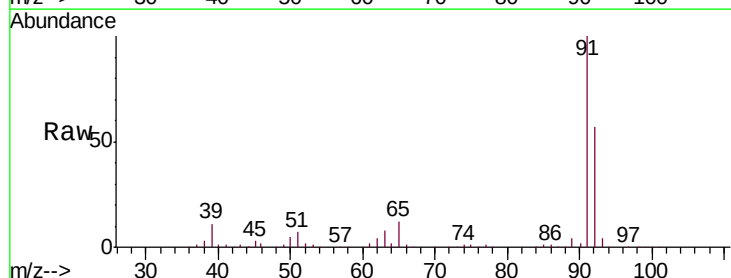
Acq: 09 Apr 2019 13:00

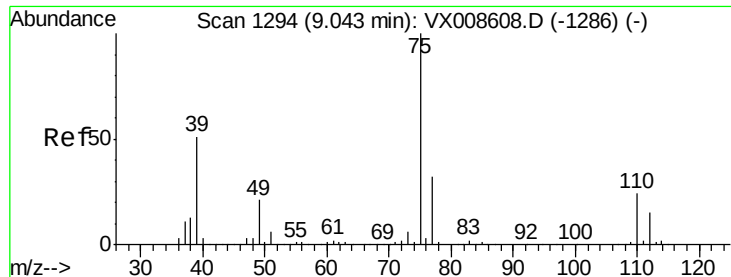
Tgt Ion: 92 Resp: 281219

Ion Ratio Lower Upper

92 100

91 173.4 138.5 207.7





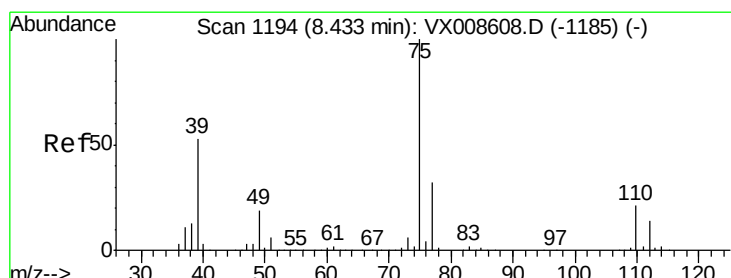
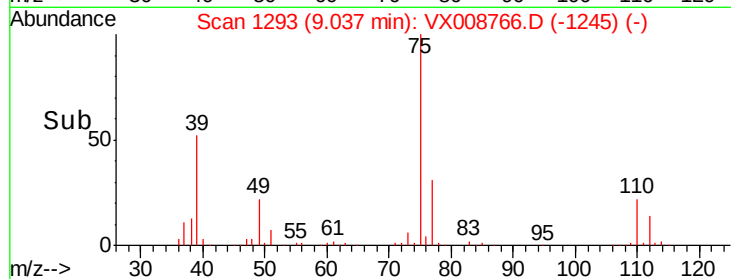
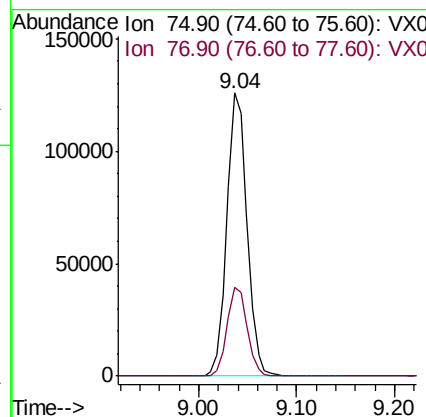
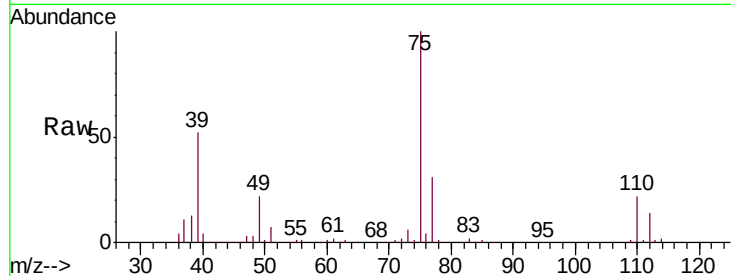
#53
 t-1,3-Dichloropropene
 Concen: 53.037 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 180163
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8

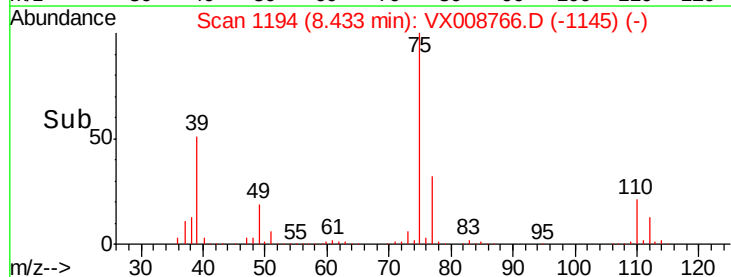
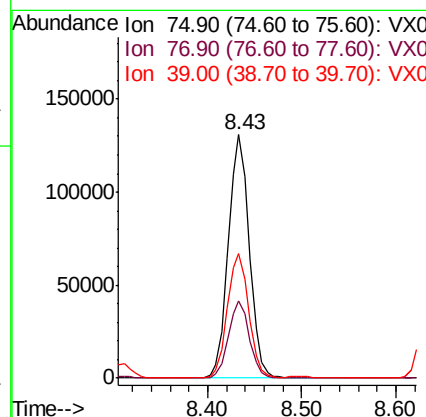
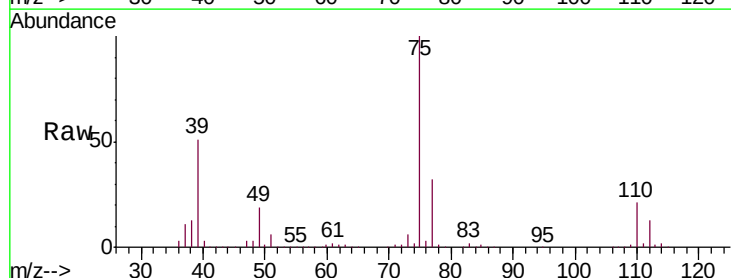
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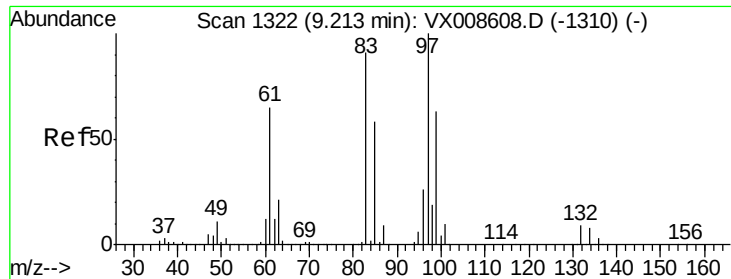
MMDadoda
 4/10/2019 10:05:07 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.965 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 75 Resp: 201701
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 51.4 42.6 63.8





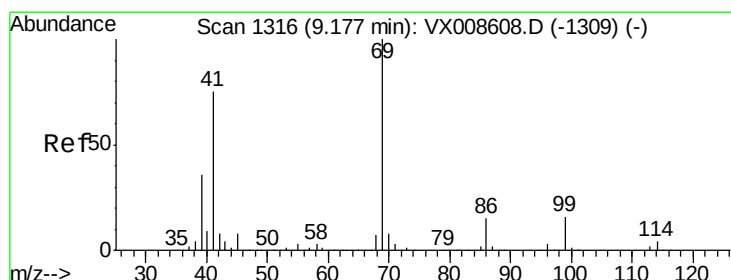
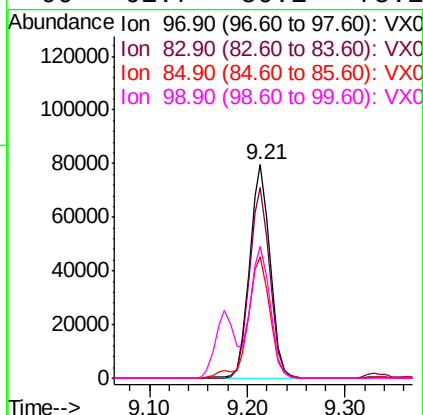
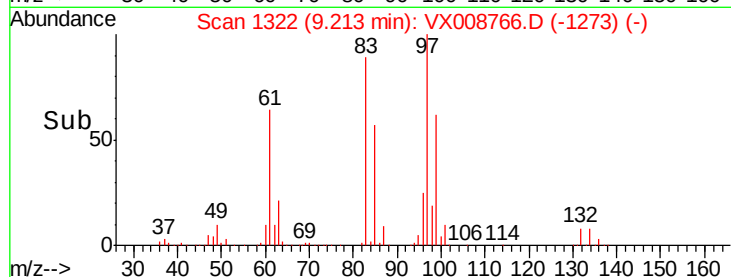
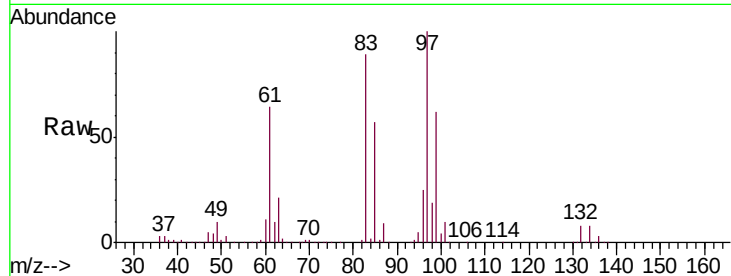
#55
 1,1,2-Trichloroethane
 Concen: 50.170 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		115351		
83	89.2	73.2	109.8		
85	57.1	46.6	69.8		
99	61.7	50.1	75.1		

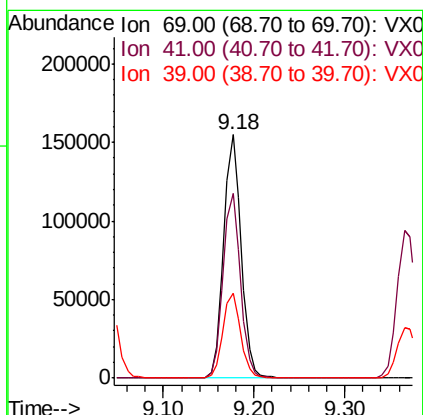
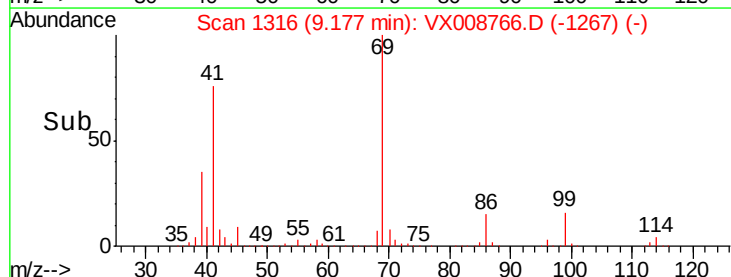
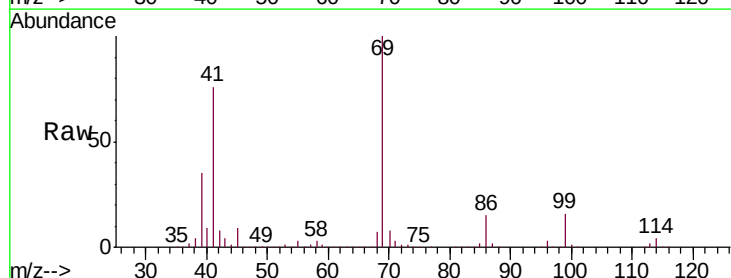
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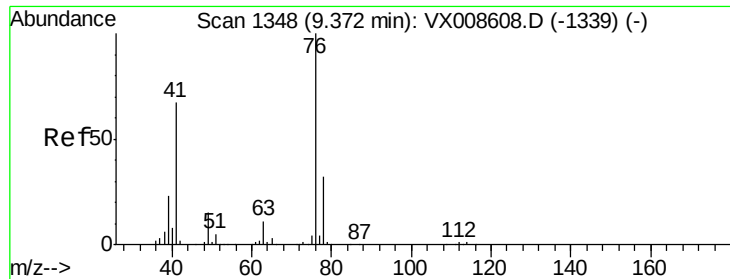
MMDadoda
 4/10/2019 10:05:07 AM



#56
 Ethyl methacrylate
 Concen: 50.232 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		208963		
41	75.6	60.1	90.1		
39	35.5	28.9	43.3		





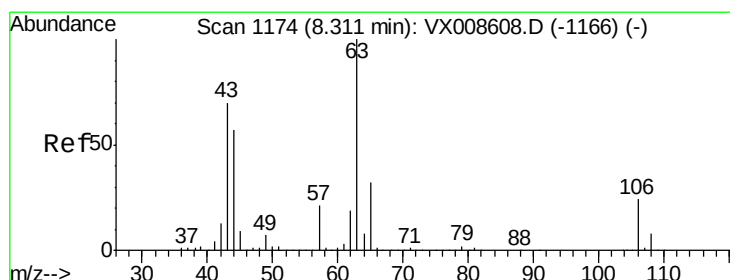
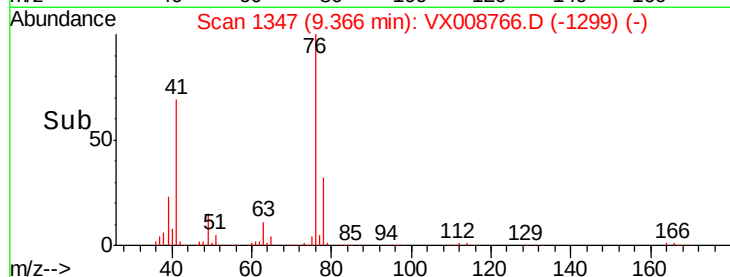
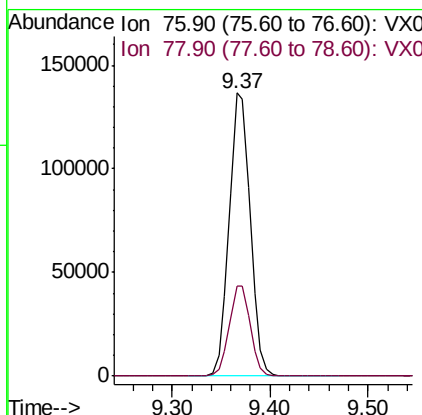
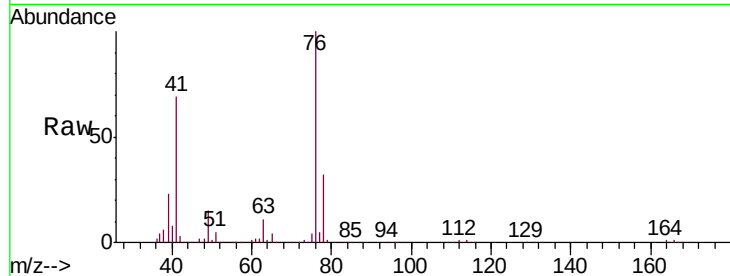
#57
 1,3-Dichloropropane
 Concen: 49.472 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tgt Ion: 76 Resp: 204247
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

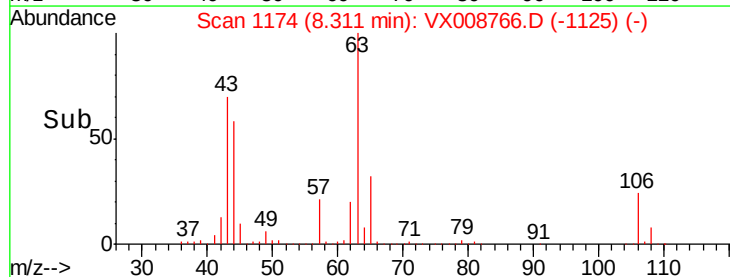
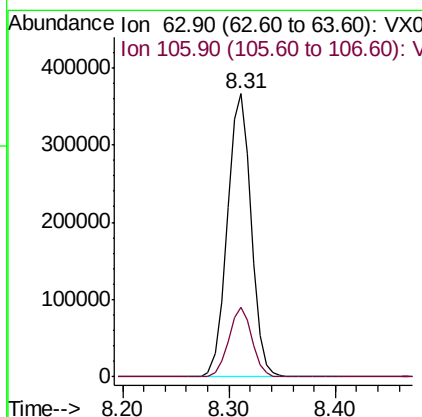
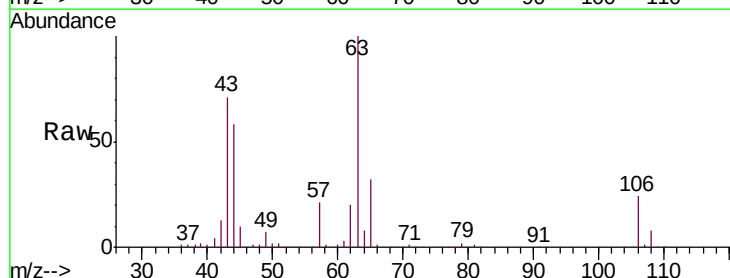
Manual Integrations
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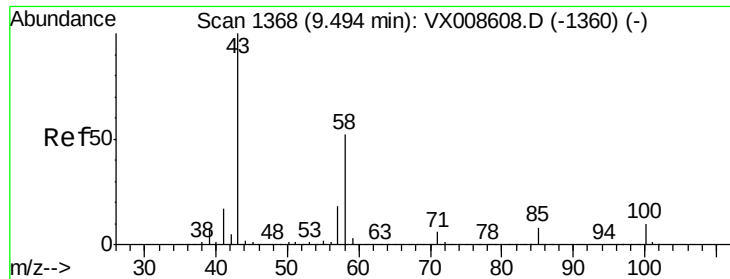
MMDadoda
 4/10/2019 10:05:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.440 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 63 Resp: 574460
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6





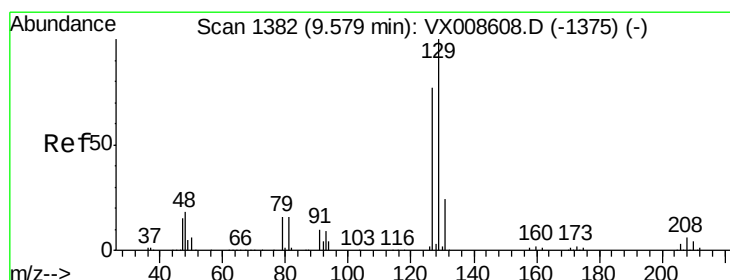
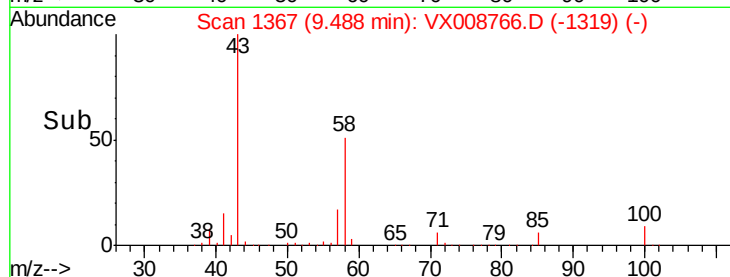
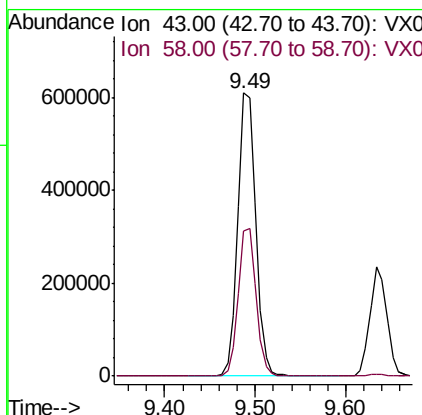
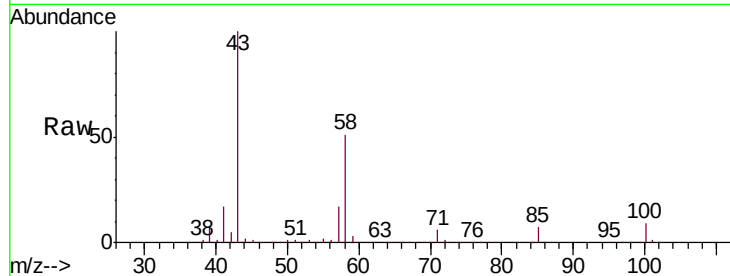
#59
2-Hexanone
Concen: 248.347 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 847218
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7

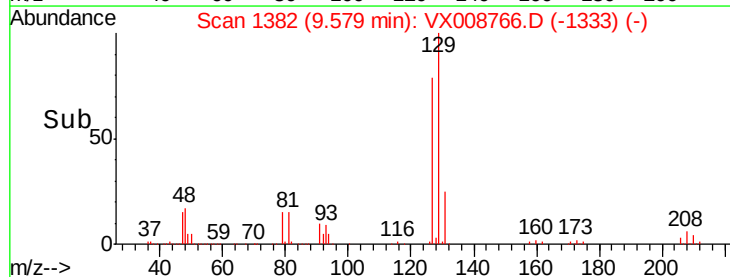
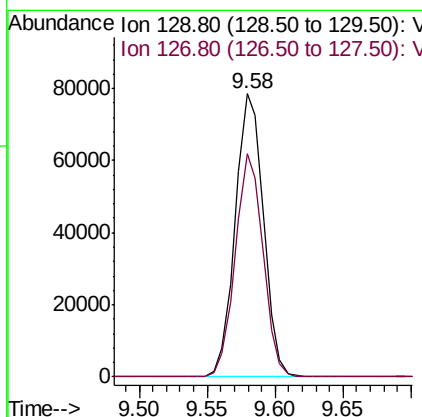
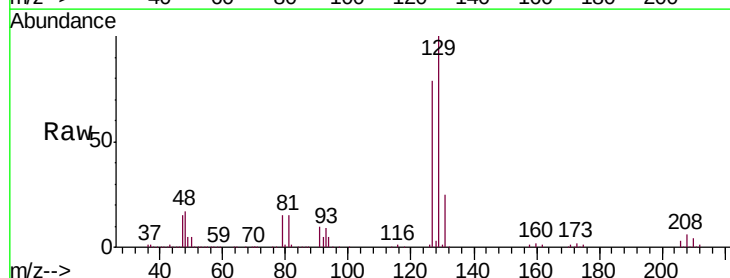
Manual Integrations
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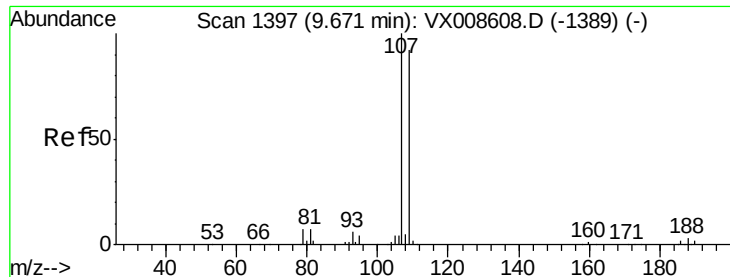
MMDadoda
4/10/2019 10:05:07 AM



#60
Dibromochloromethane
Concen: 52.315 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 129 Resp: 113345
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





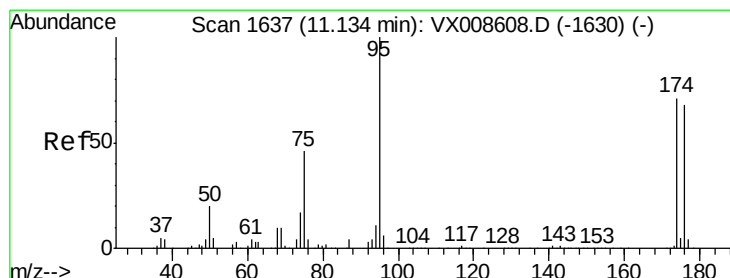
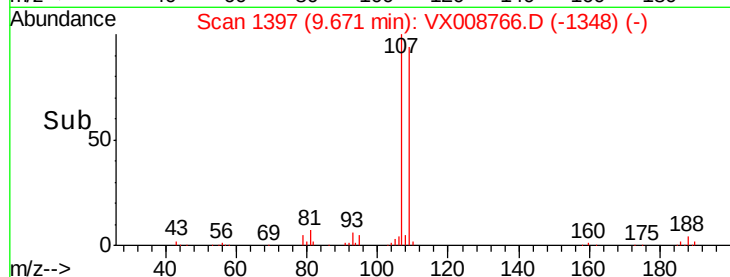
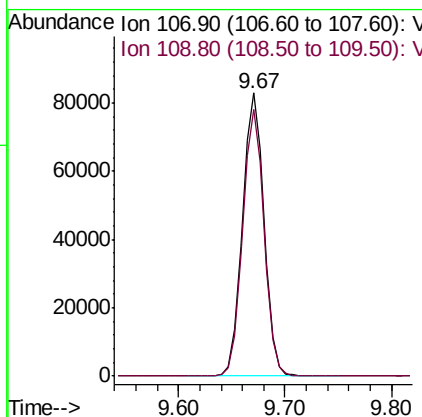
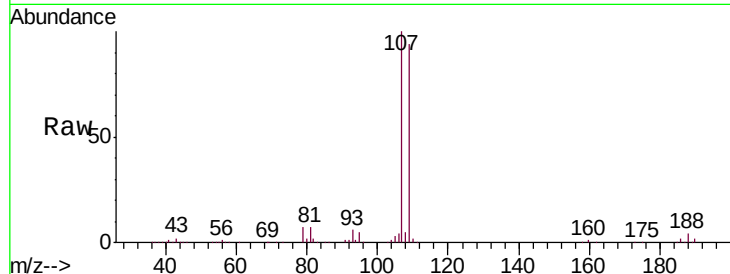
#61
 1,2-Dibromoethane
 Concen: 49.187 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 117732
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.1 111.1

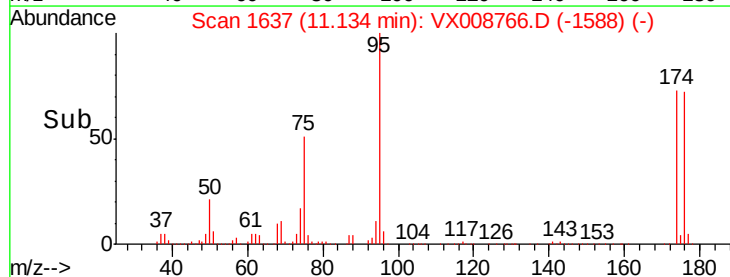
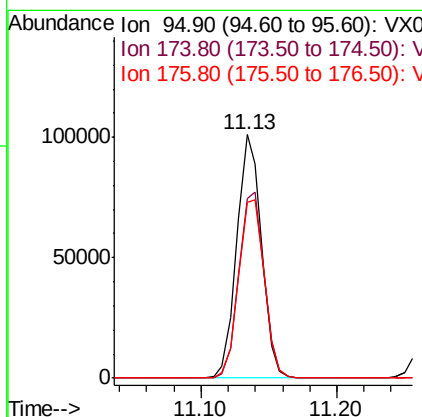
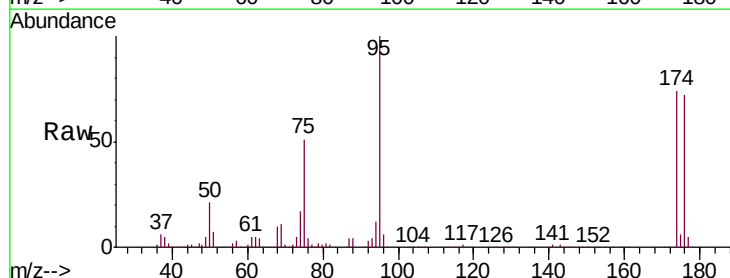
Manual Integrations
 APPROVED

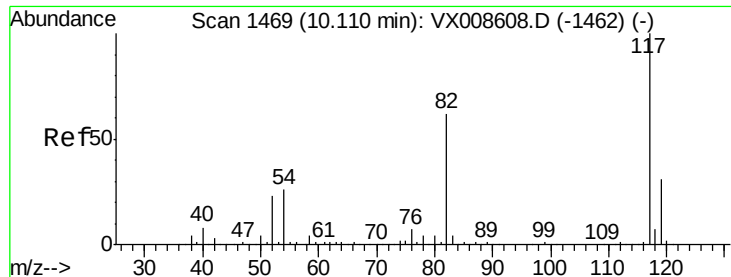
MMDadoda
 4/10/2019 10:05:07 AM



#62
 4-Bromofluorobenzene
 Concen: 47.224 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion: 95 Resp: 127191
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 151.8
 176 76.8 0.0 145.8





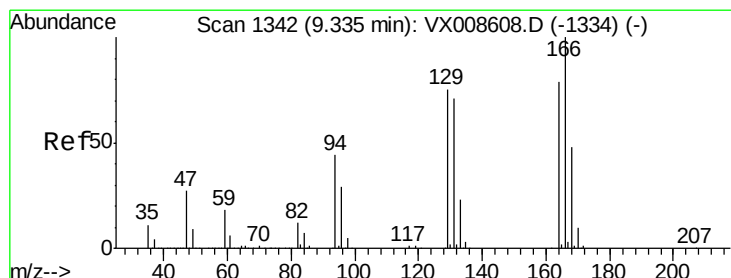
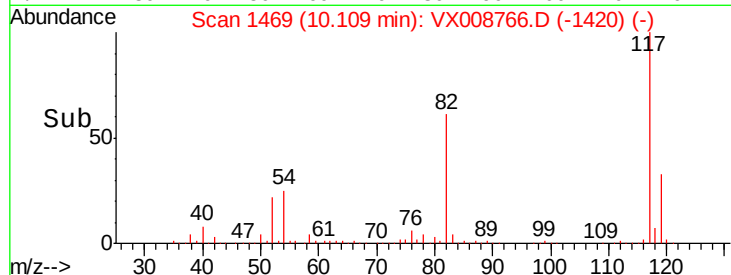
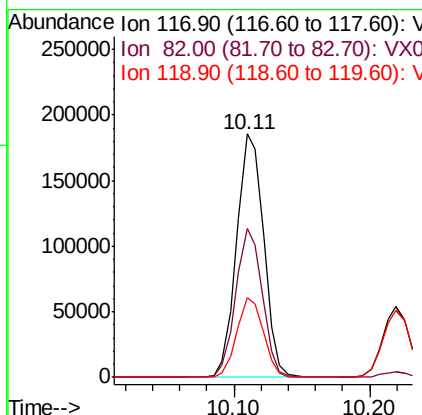
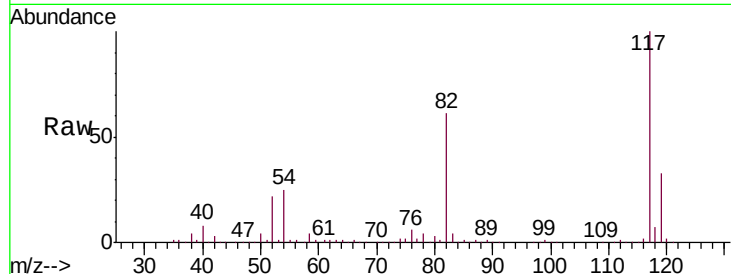
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	257458		
82	61.3	49.6	74.4	
119	32.6	25.0	37.4	

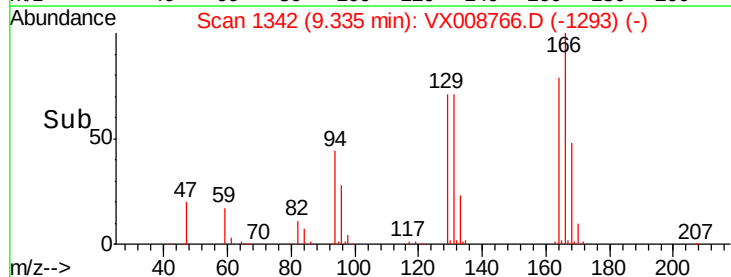
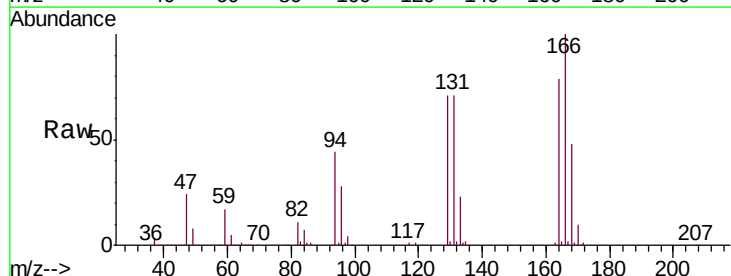
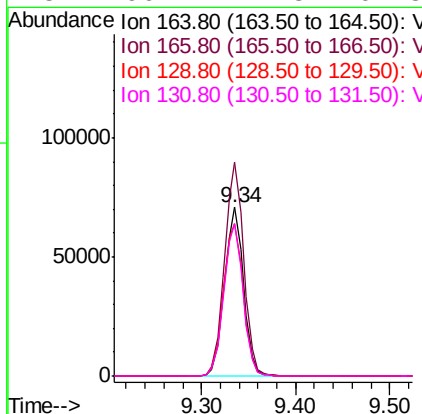
Manual Integrations
APPROVED

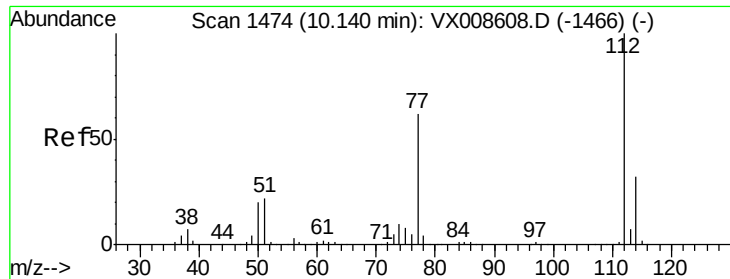
MMDadoda
4/10/2019 10:05:07 AM



#64
Tetrachloroethene
Concen: 51.909 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99017		
166	126.5	101.0	151.6	
129	89.9	75.8	113.8	
131	90.1	71.8	107.8	





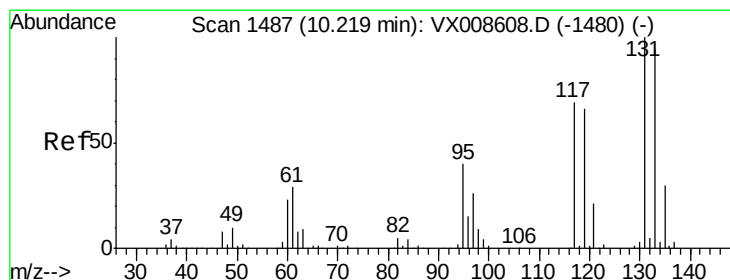
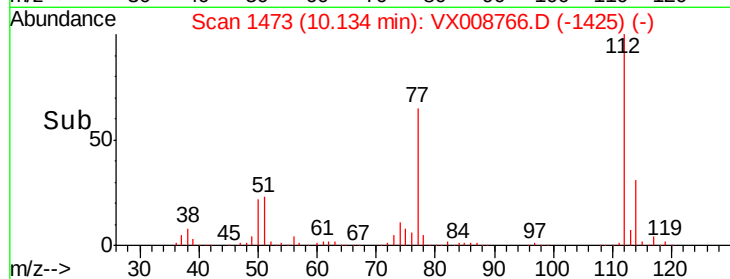
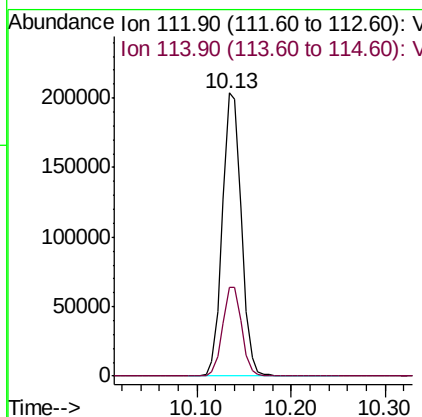
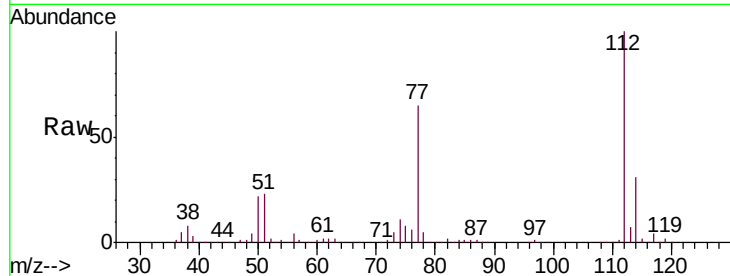
#65
Chlorobenzene
Concen: 49.805 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 284239
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

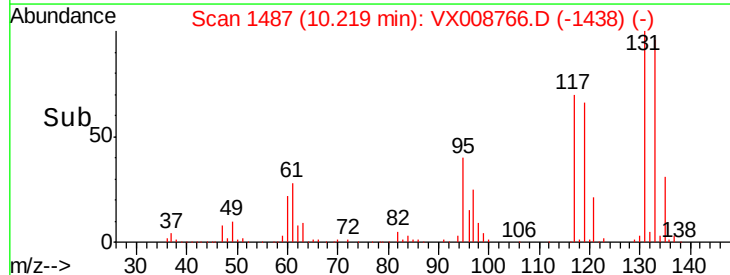
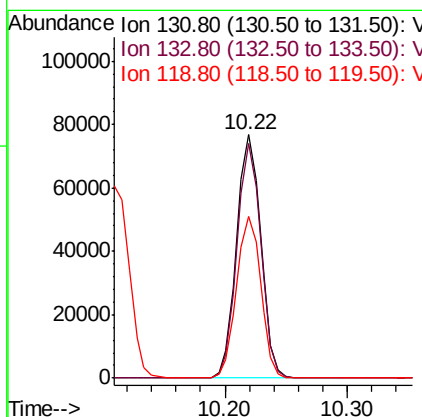
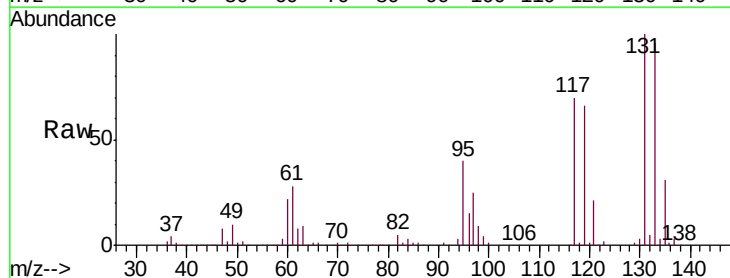
Manual Integrations
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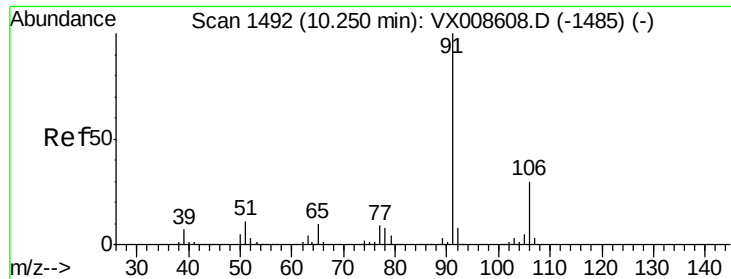
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.424 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion:131 Resp: 104960
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.2
119 66.8 33.7 101.0





#67

Ethyl Benzene

Concen: 50.201 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 534228

Ion Ratio Lower Upper

91 100

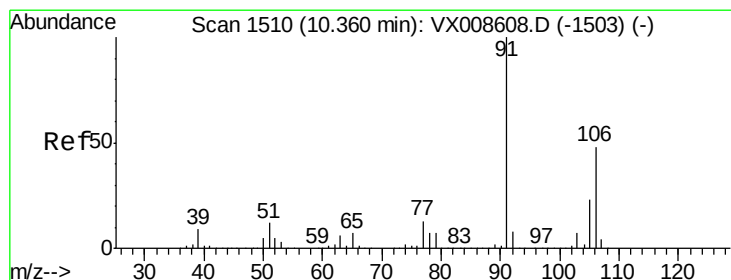
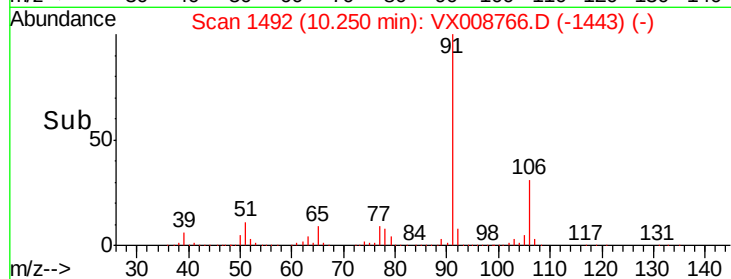
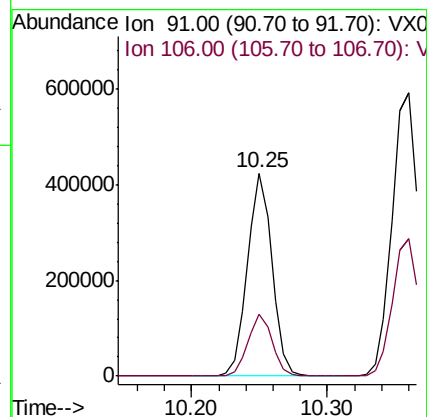
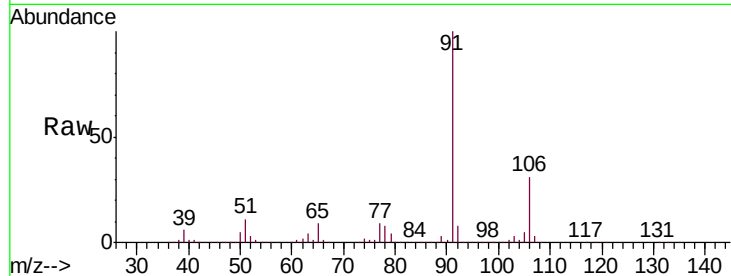
106 30.5 23.7 35.5

Manual Integrations

APPROVED

MMDadoda

4/10/2019 10:05:07 AM



#68

m/p-Xylenes

Concen: 101.483 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008766.D

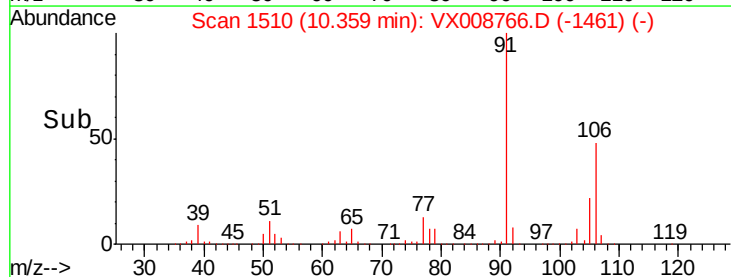
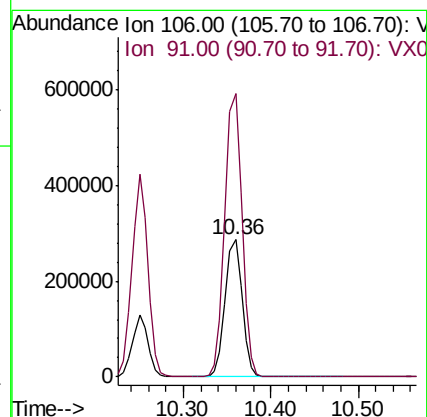
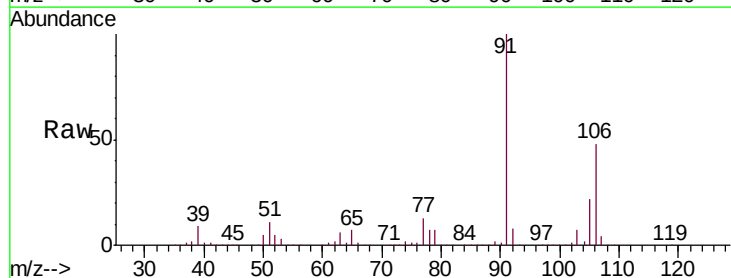
Acq: 09 Apr 2019 13:00

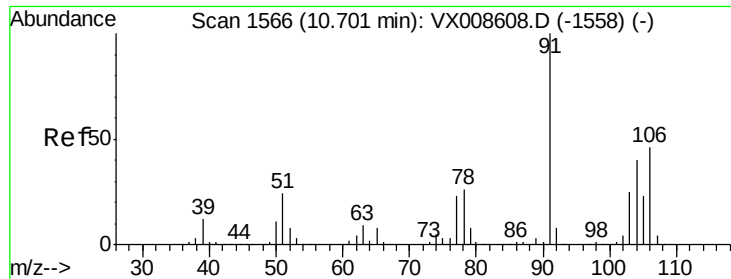
Tgt Ion: 106 Resp: 388302

Ion Ratio Lower Upper

106 100

91 208.1 168.5 252.7





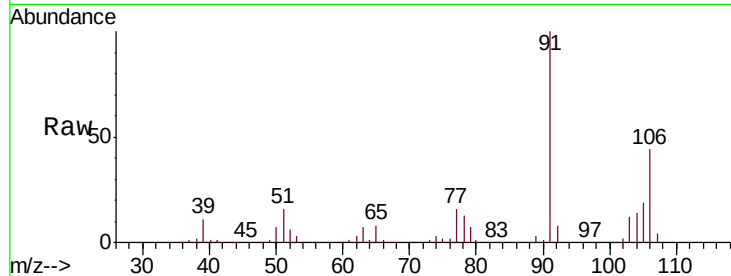
#69
o-Xylene
Concen: 50.432 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

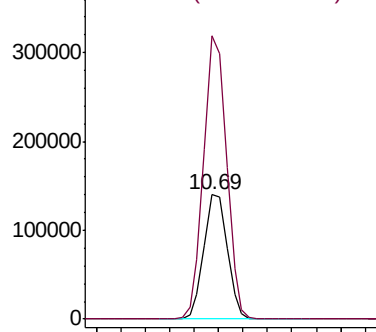
Tgt Ion:106 Resp: 187007
Ion Ratio Lower Upper
106 100
91 221.2 111.5 334.4

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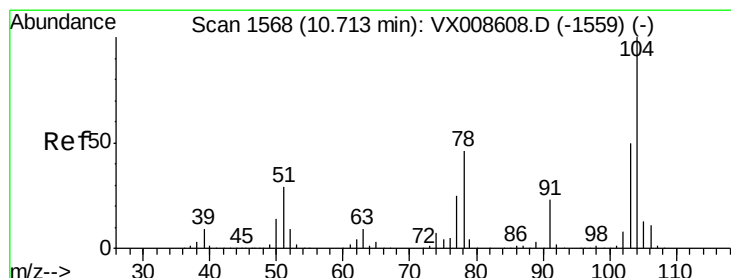
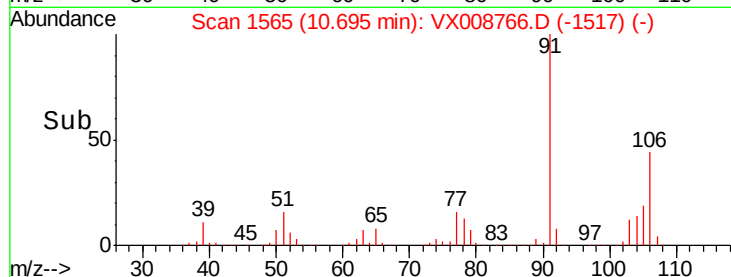
MMDadoda
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

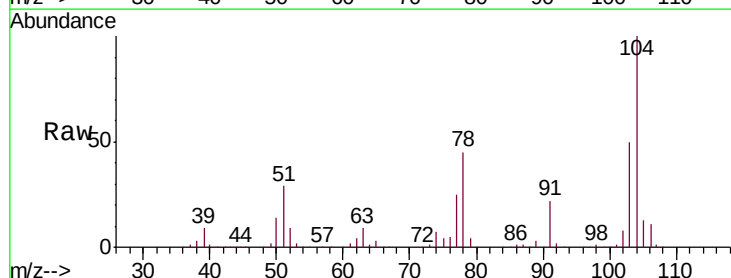


Time--> 10.60 10.70 10.80

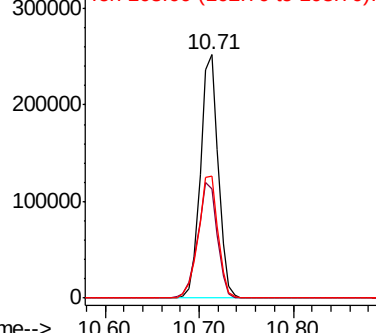


#70
Styrene
Concen: 51.596 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

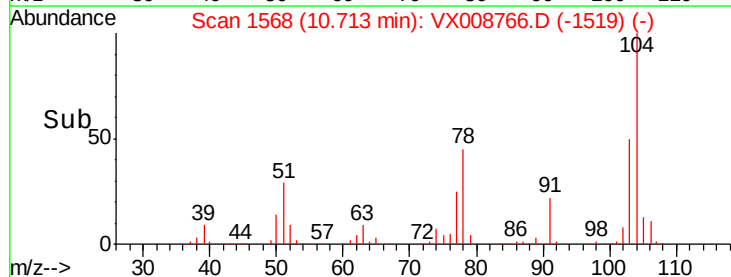
Tgt Ion:104 Resp: 329793
Ion Ratio Lower Upper
104 100
78 52.5 42.3 63.5
103 55.0 44.4 66.6

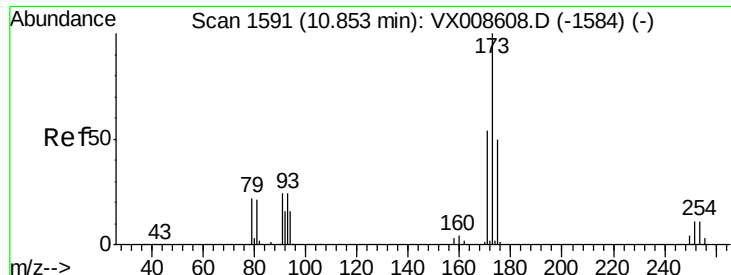


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 53.391 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 81642

Ion Ratio Lower Upper

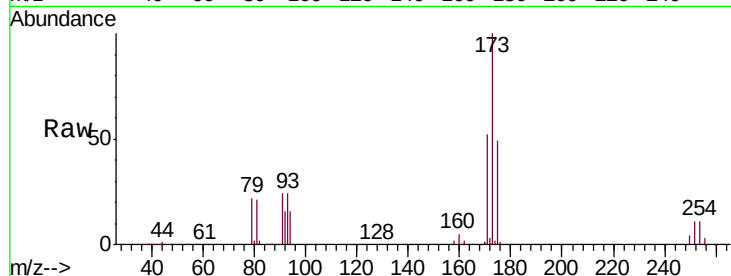
173 100

175 48.8 24.9 74.6

254 0.2 0.1 0.1#

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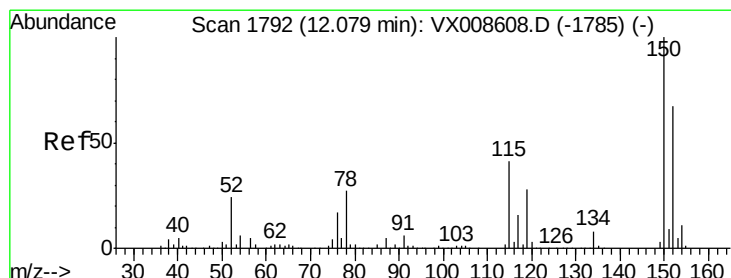
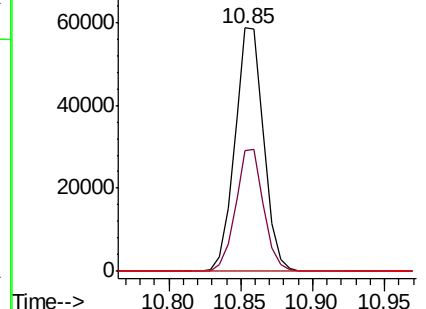
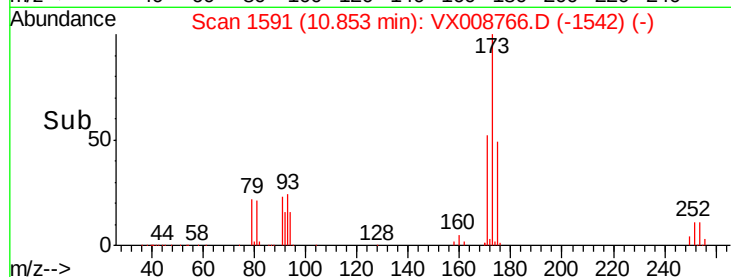
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4/10/2019 10:05:07 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

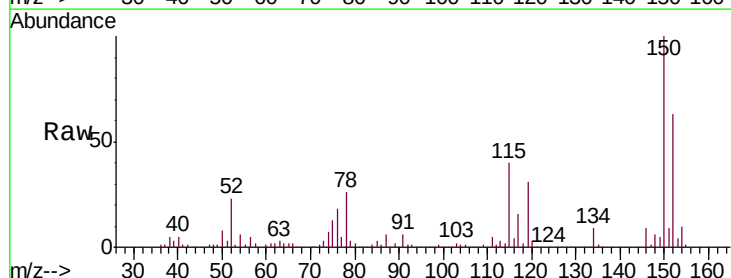
Tgt Ion:152 Resp: 123224

Ion Ratio Lower Upper

152 100

115 86.5 43.5 130.5

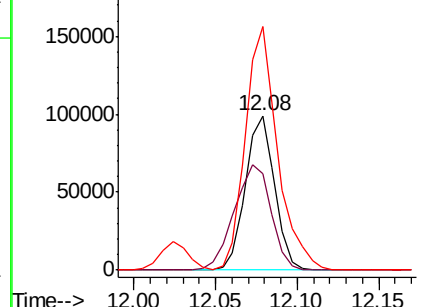
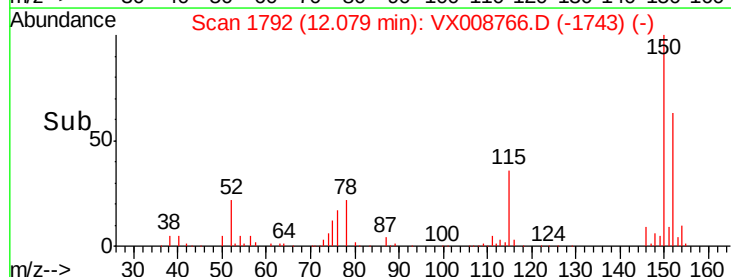
150 173.8 0.0 348.8

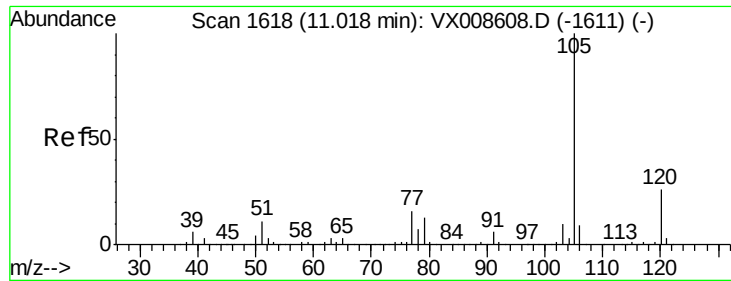


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





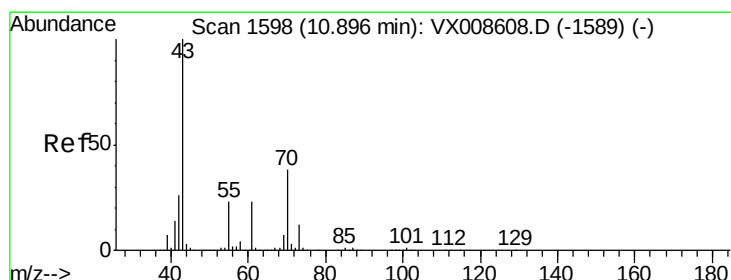
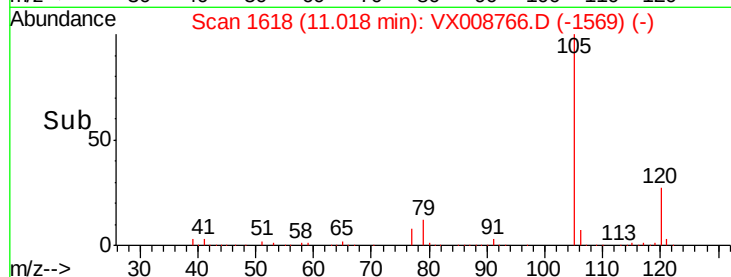
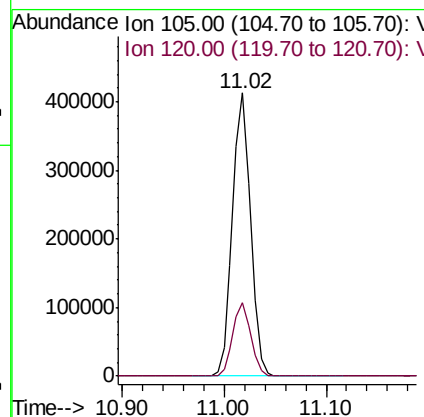
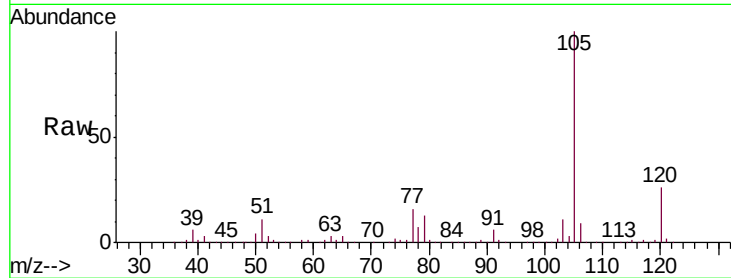
#73
Isopropylbenzene
Concen: 49.437 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 504846
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

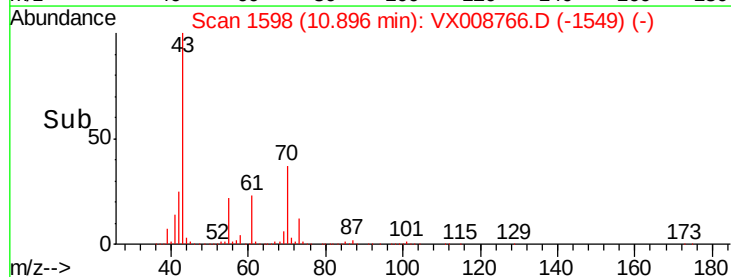
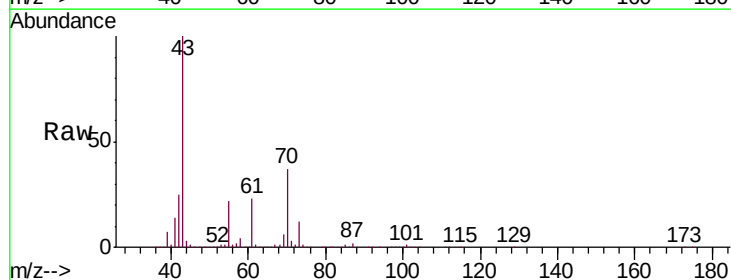
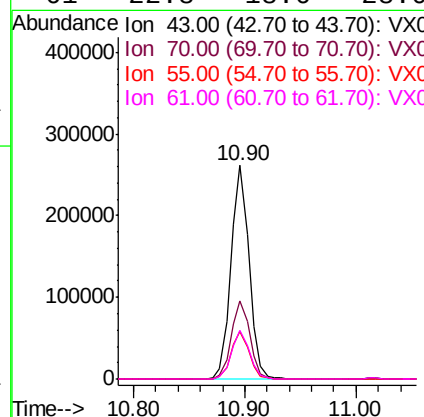
Manual Integrations
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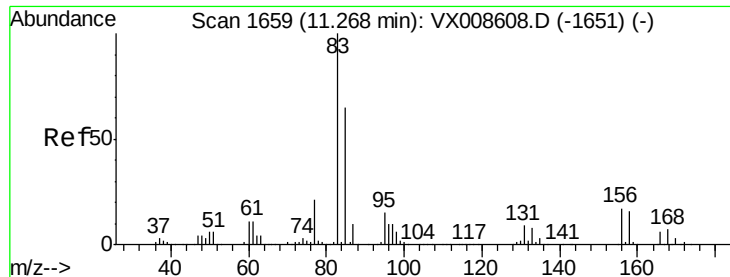
MMDadoda
4/10/2019 10:05:07 AM



#74
N-ethyl acetate
Concen: 48.861 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion: 43 Resp: 293564
Ion Ratio Lower Upper
43 100
70 37.2 30.2 45.4
55 22.4 18.2 27.4
61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.960 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

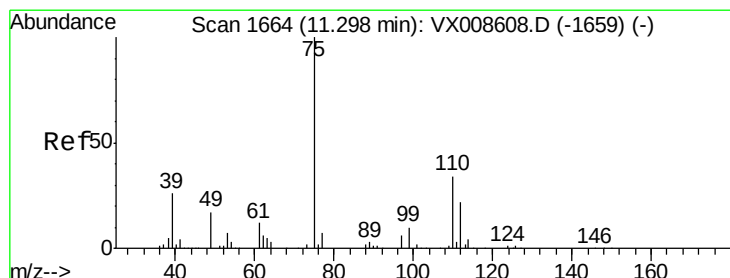
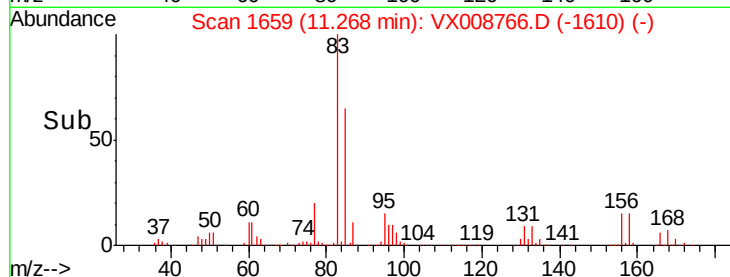
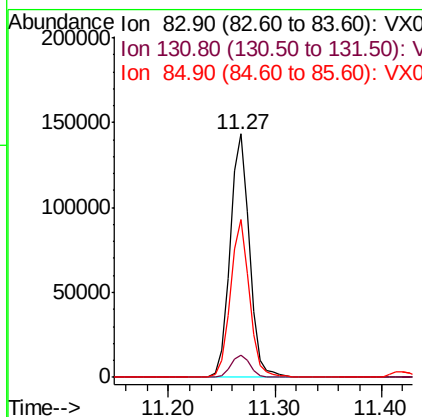
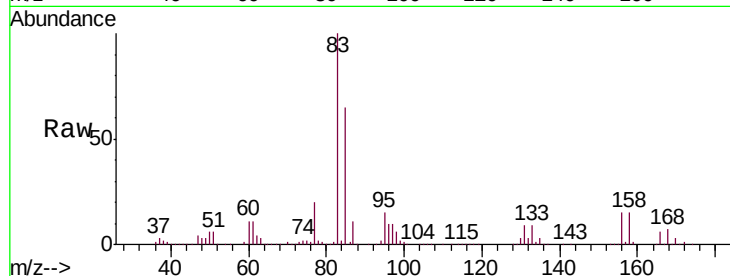
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	182383
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.5	13.7
85	63.8	32.0	96.2

Manual Integrations
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4/10/2019 10:05:07 AM



#76

1,2,3-Trichloropropane

Concen: 46.246 ug/l m

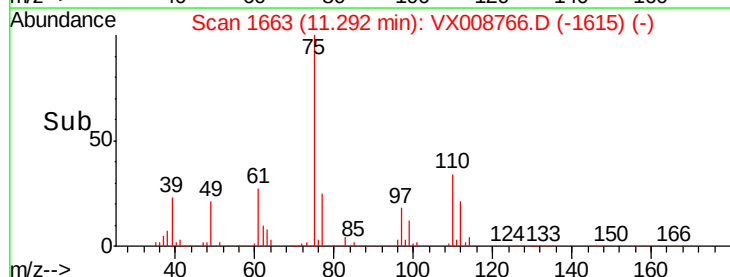
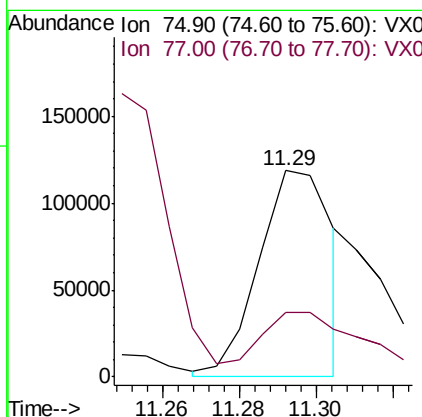
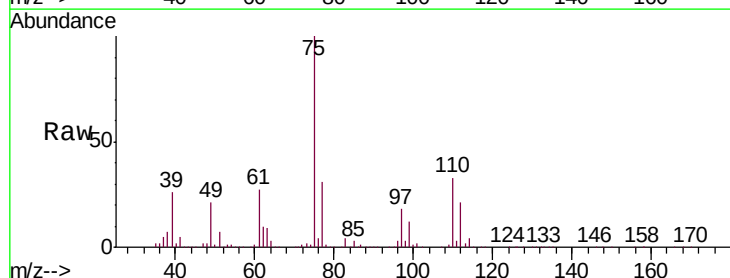
RT: 11.29 min Scan# 1663

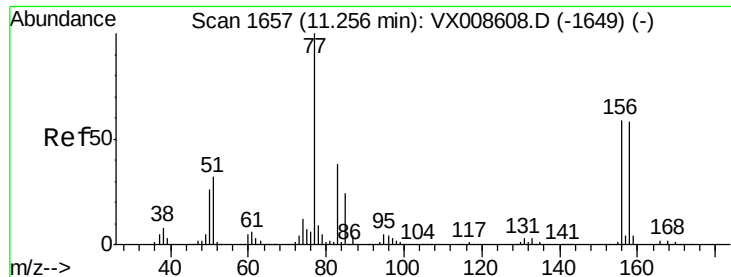
Delta R.T. -0.01 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	75	Resp:	156546
Ion Ratio	Lower	Upper	
75	100		
77	44.4	22.3	66.8





#77

Bromobenzene

Concen: 48.233 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

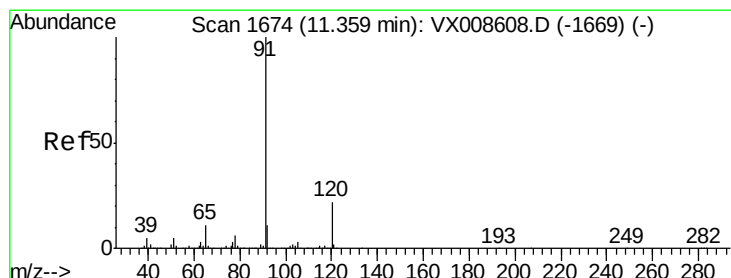
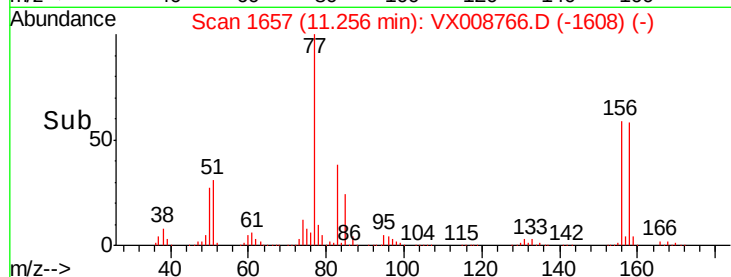
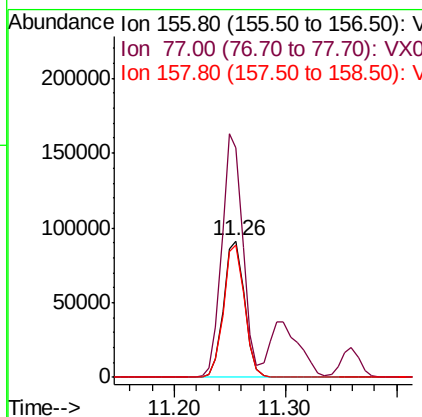
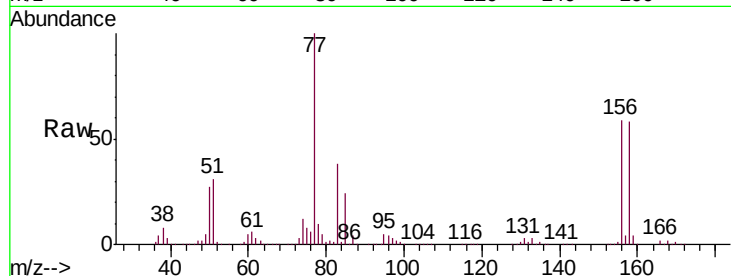
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	118409
Ion Ratio	Lower	Upper	
156	100		
77	178.8	89.8	269.6
158	97.2	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 50.090 ug/l

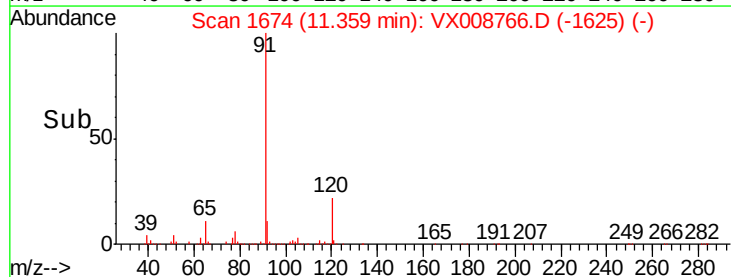
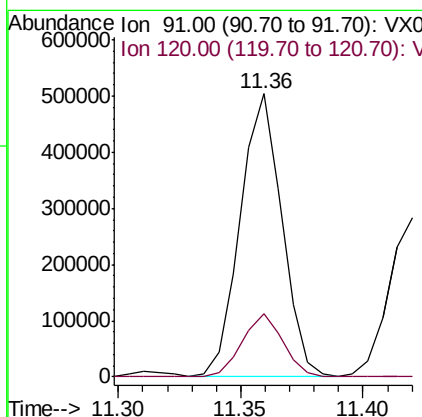
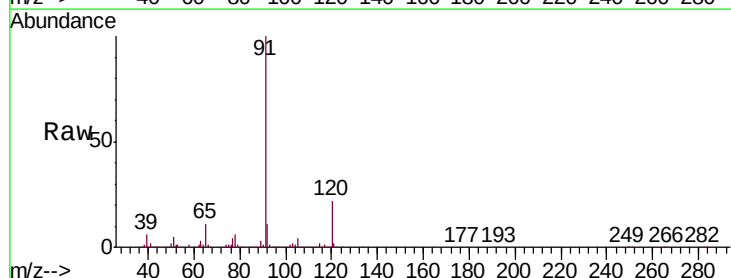
RT: 11.36 min Scan# 1674

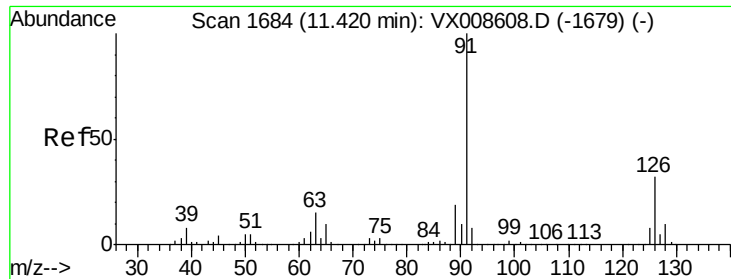
Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	91	Resp:	595597
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.7





#79

2-Chlorotoluene

Concen: 48.179 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 346675

Ion Ratio Lower Upper

91 100

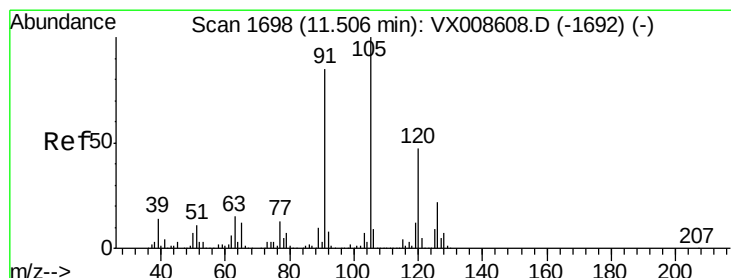
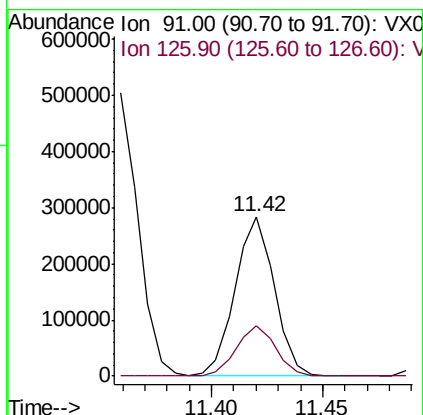
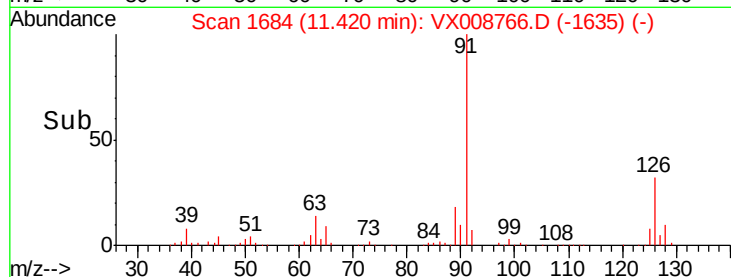
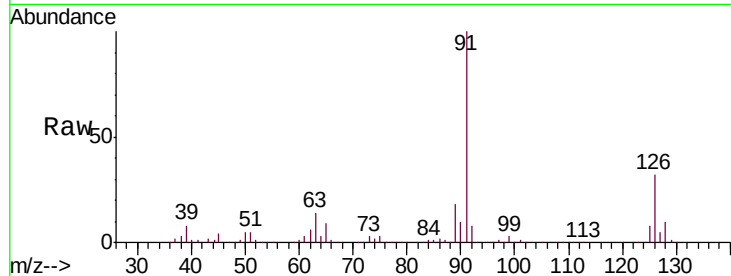
126 32.0 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.528 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008766.D

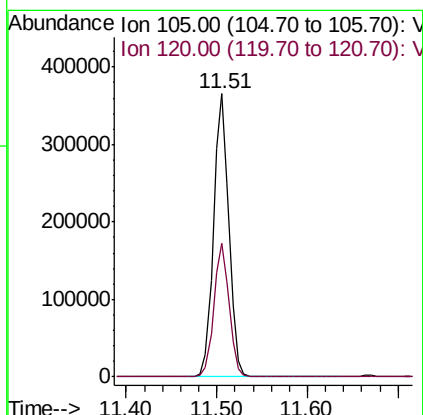
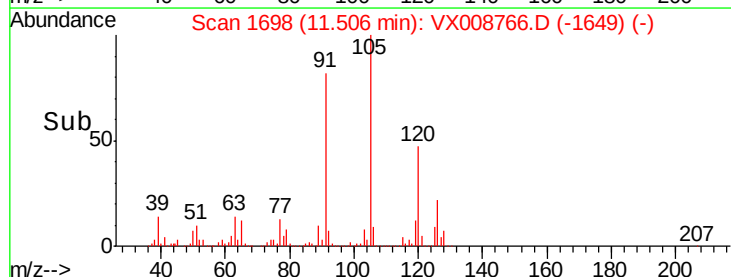
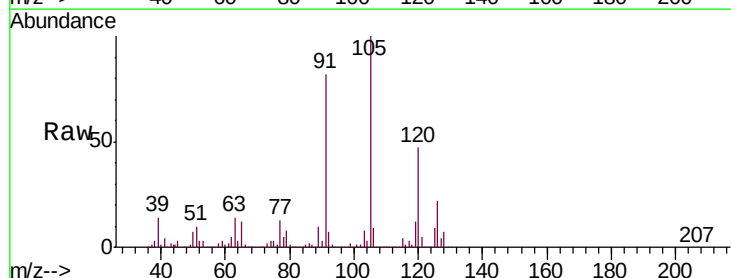
Acq: 09 Apr 2019 13:00

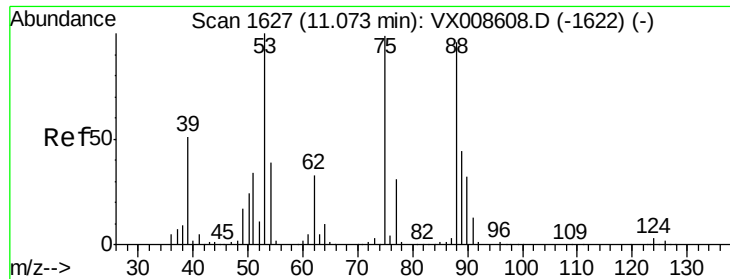
Tgt Ion: 105 Resp: 433126

Ion Ratio Lower Upper

105 100

120 47.2 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.279 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

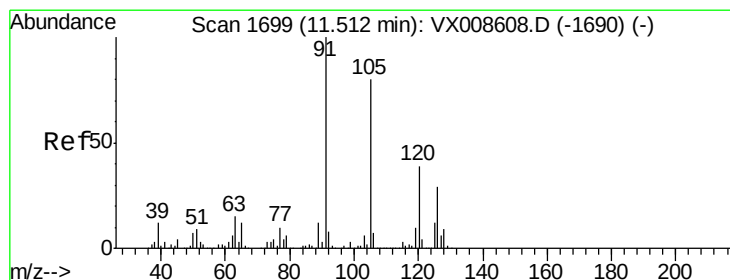
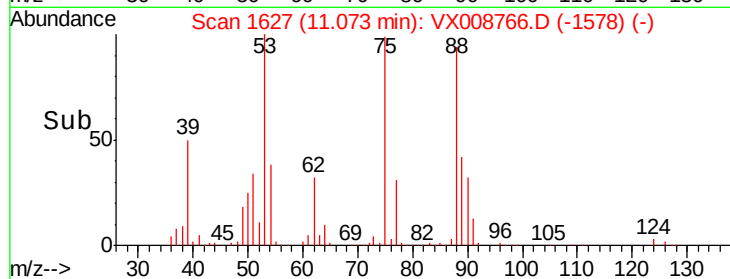
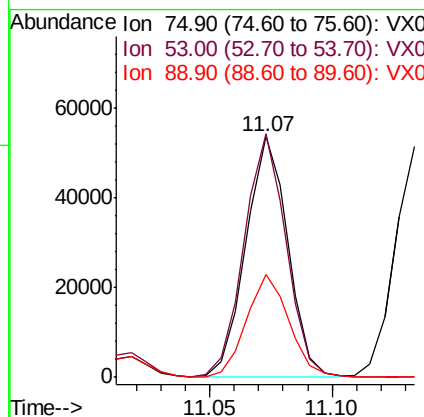
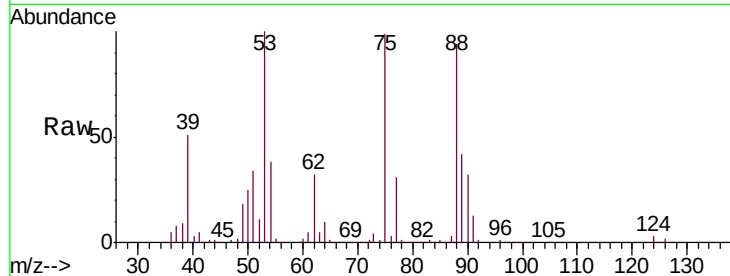
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	64200
Ion Ratio	Lower	Upper	
75	100		
53	101.2	81.3	121.9
89	43.9	35.6	53.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.312 ug/l

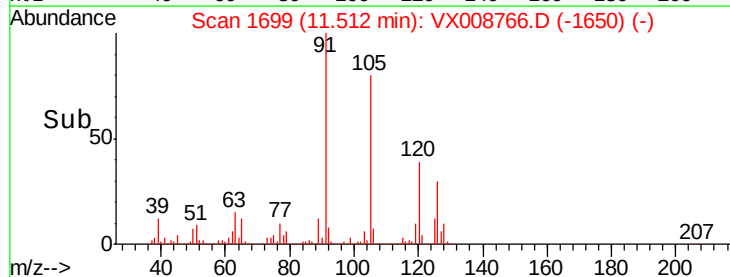
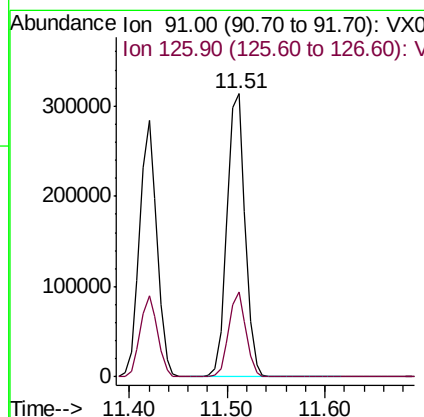
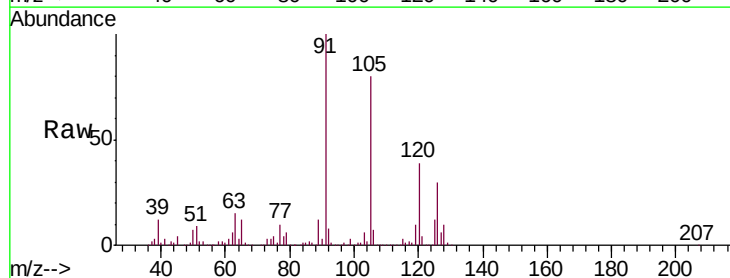
RT: 11.51 min Scan# 1699

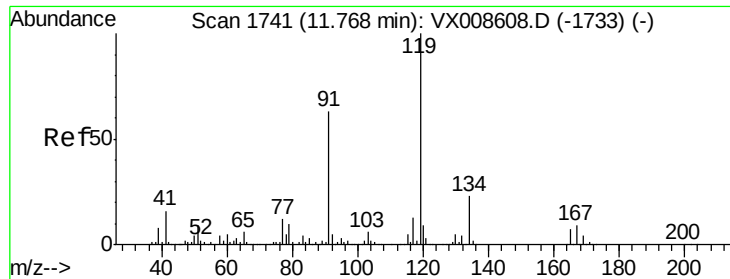
Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	91	Resp:	402397
Ion Ratio	Lower	Upper	
91	100		
126	28.6	13.9	41.6





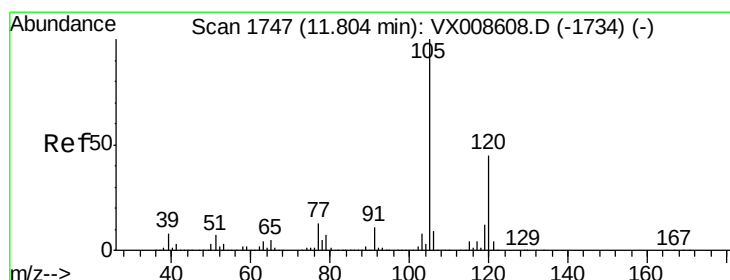
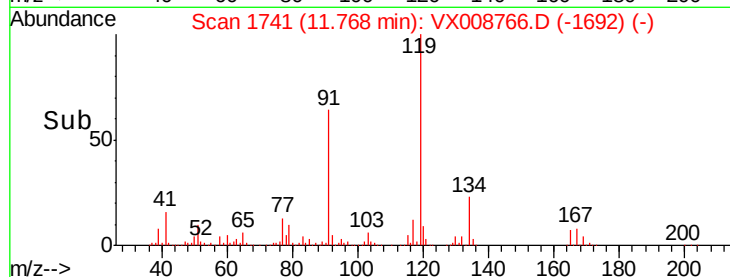
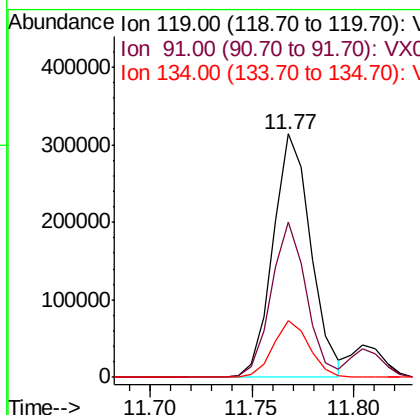
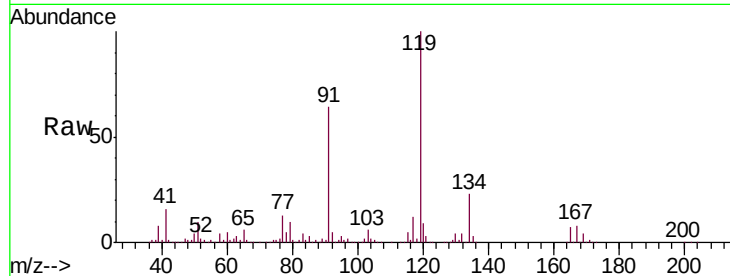
#83
 tert-Butylbenzene
 Concen: 49.221 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	405925		
91	59.7	30.0	90.1	
134	22.3	11.1	33.3	

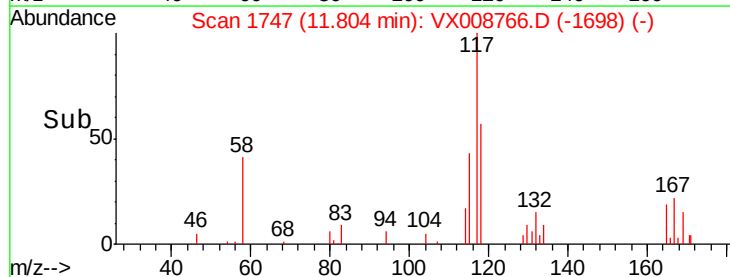
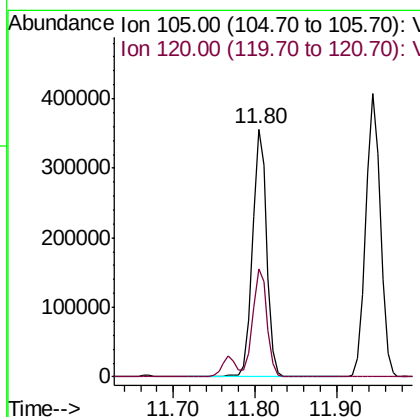
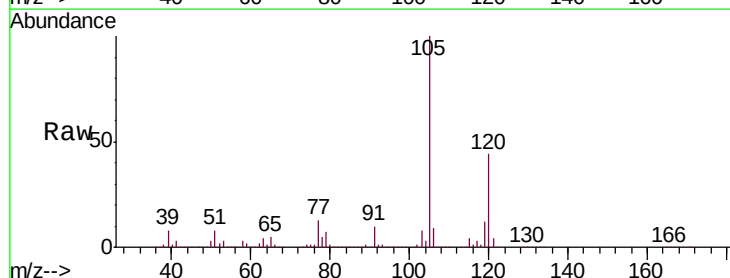
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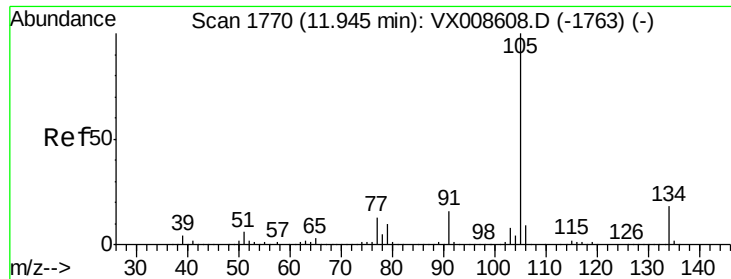
MMDadoda
 4/10/2019 10:05:07 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.073 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	434623		
120	43.4	21.8	65.3	





#85

sec-Butylbenzene

Concen: 50.534 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 495031

Ion Ratio Lower Upper

105 100

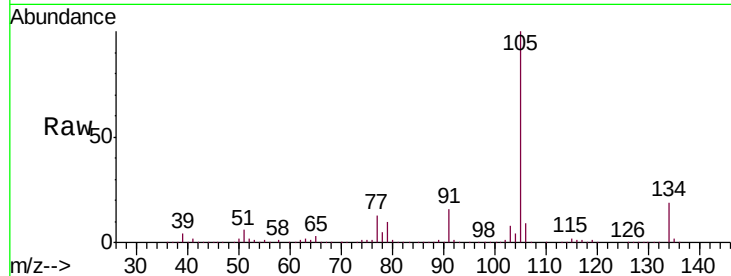
134 19.1 9.4 28.2

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

11.94

400000

300000

200000

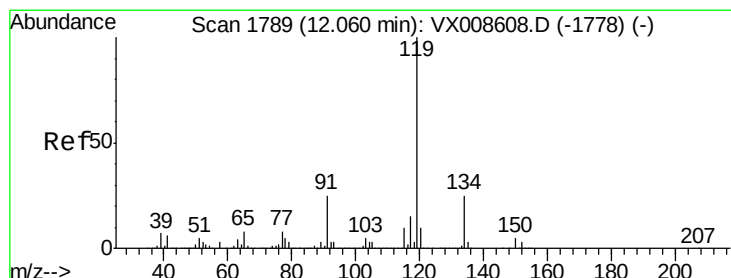
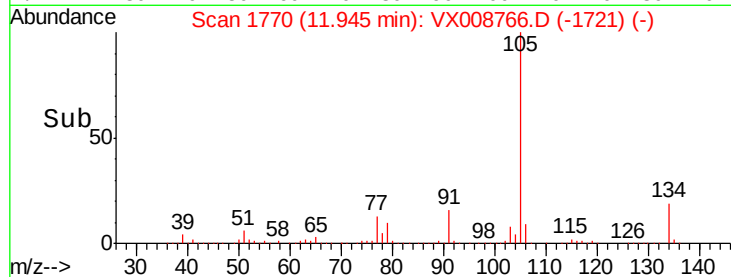
100000

0

Time-->

11.90

12.00



#86

p-Isopropyltoluene

Concen: 51.435 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

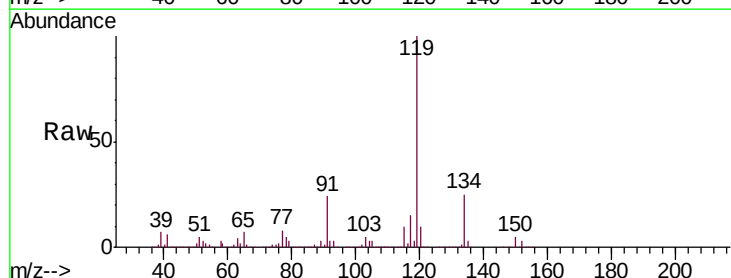
Tgt Ion:119 Resp: 452228

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 23.8 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

500000

400000

300000

200000

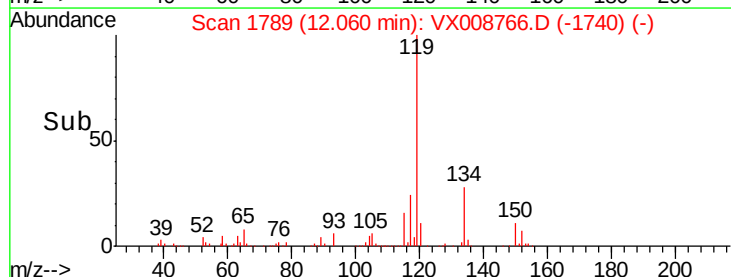
100000

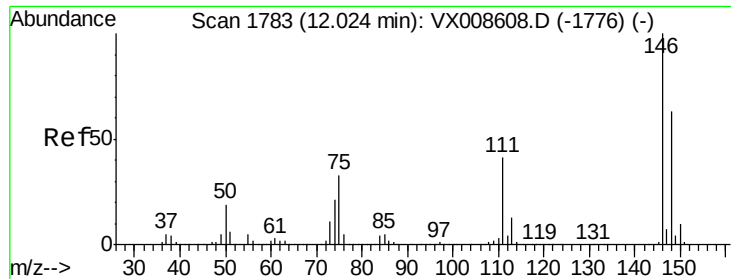
0

Time-->

12.00

12.10





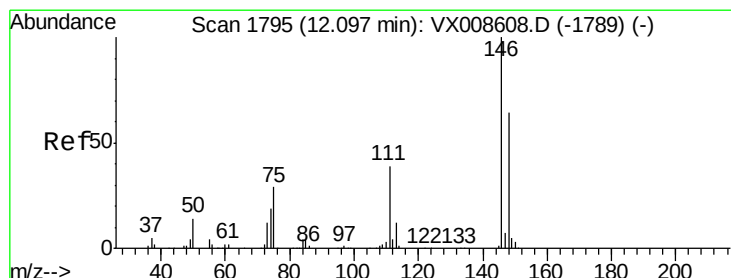
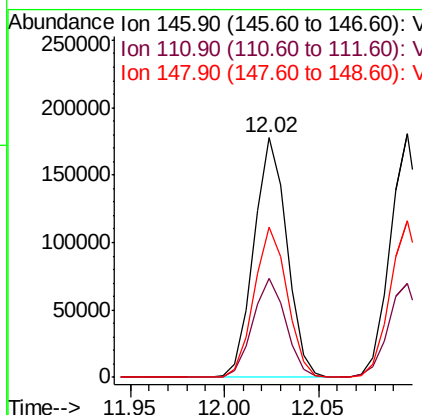
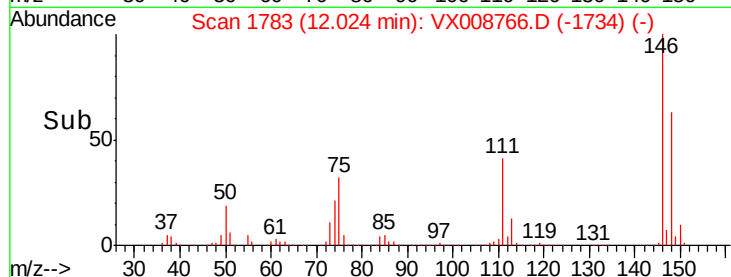
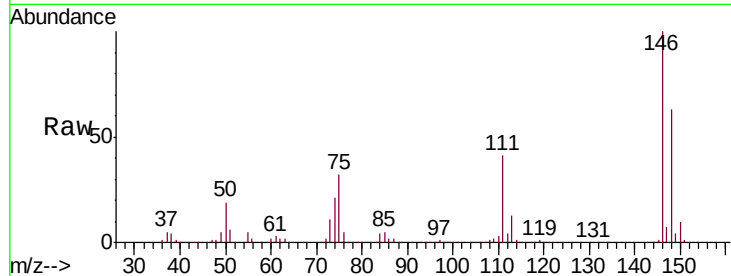
#87
 1,3-Dichlorobenzene
 Concen: 49.153 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	216025		
111	41.1	20.5	61.5	
148	62.9	31.6	94.7	

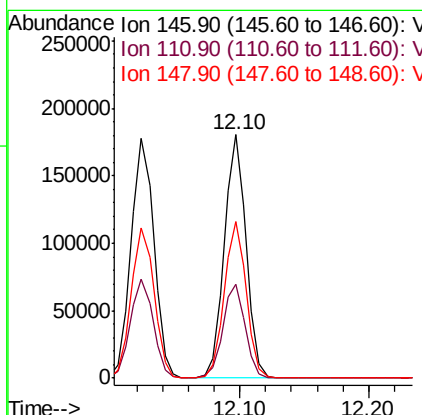
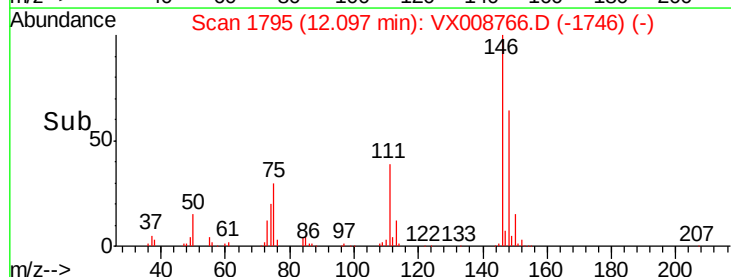
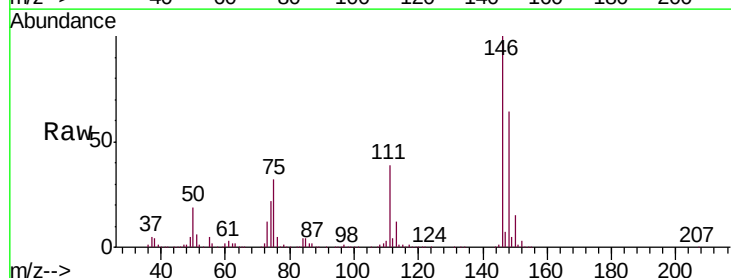
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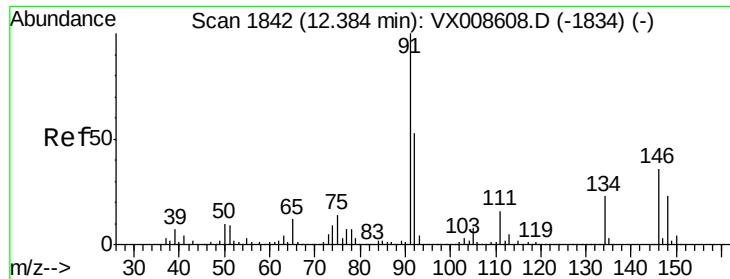
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#88
 1,4-Dichlorobenzene
 Concen: 48.497 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215831		
111	39.5	20.2	60.6	
148	64.8	32.0	96.0	





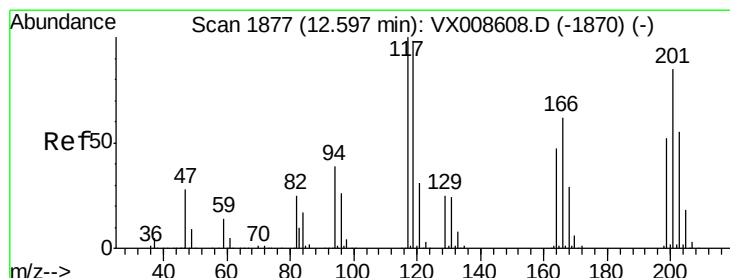
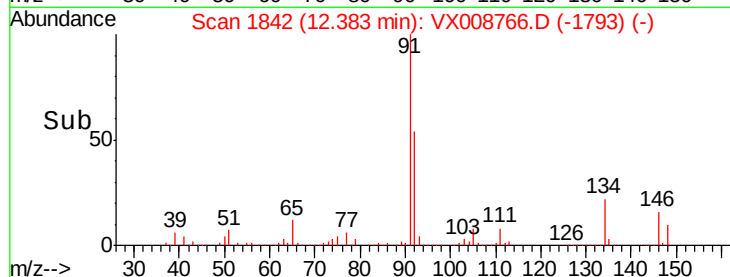
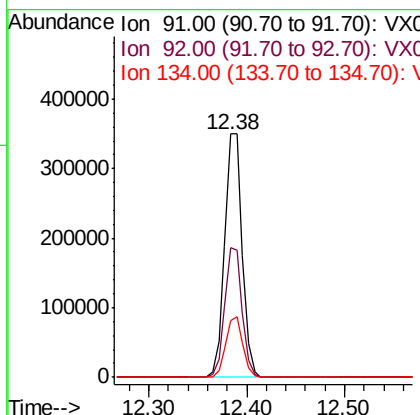
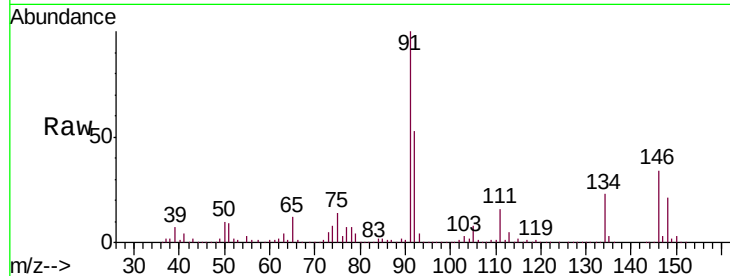
#89
n-Butylbenzene
Concen: 52.509 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	24.1	12.0	36.0

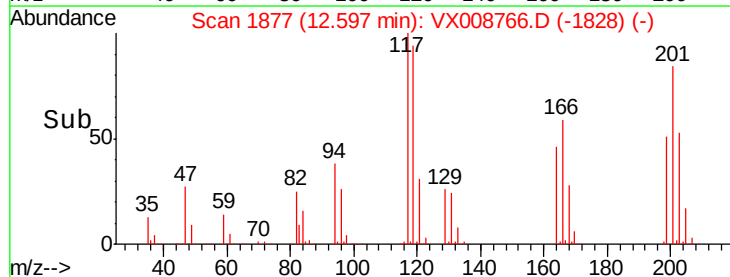
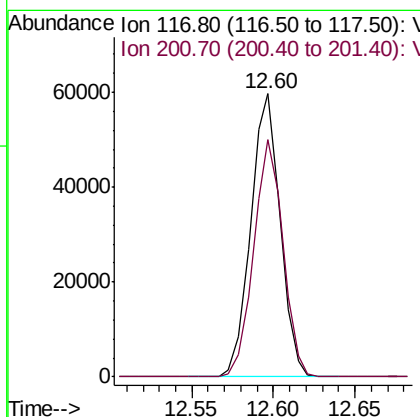
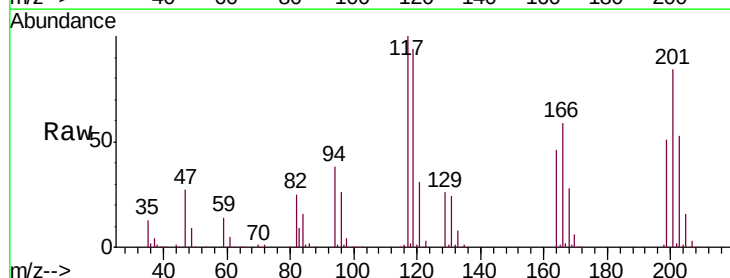
Manual Integrations
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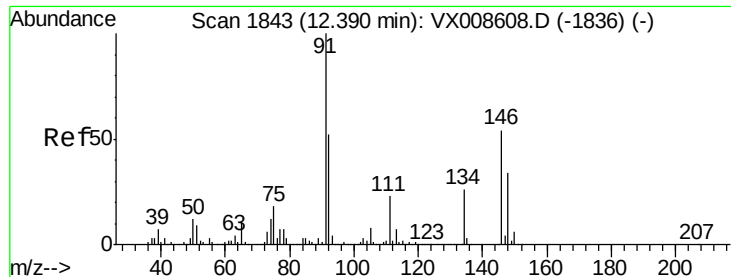
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#90
Hexachloroethane
Concen: 51.545 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 48.752 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Instrument :

MSVOA_X

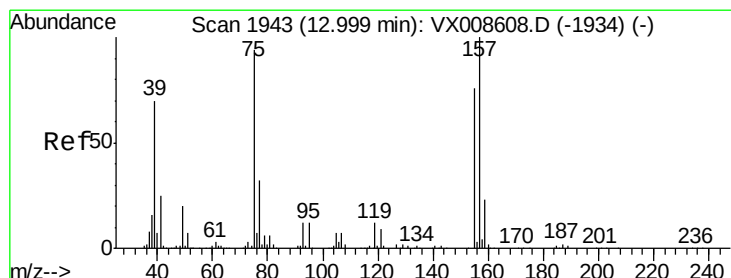
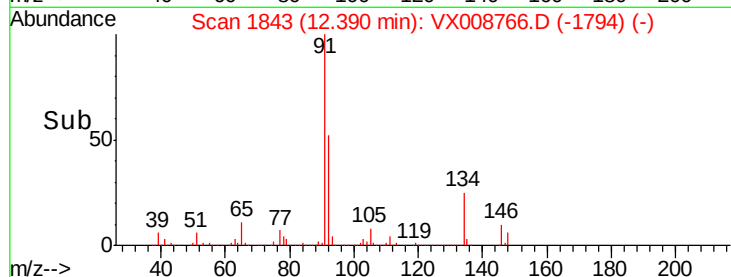
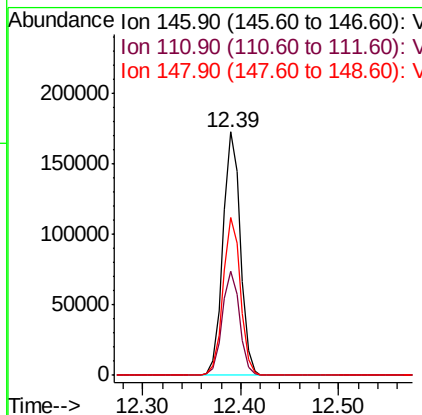
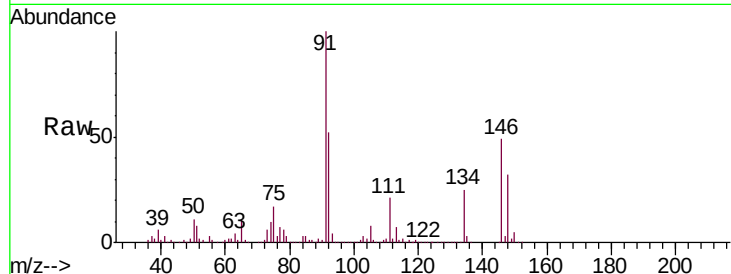
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	212737
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.3	63.9
148	64.3	31.7	95.1

Manual Integrations
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4/10/2019 10:05:07 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.135 ug/l

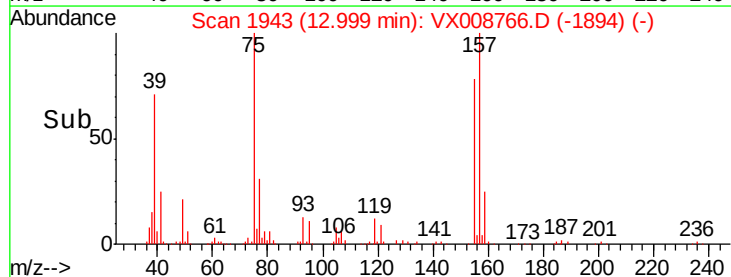
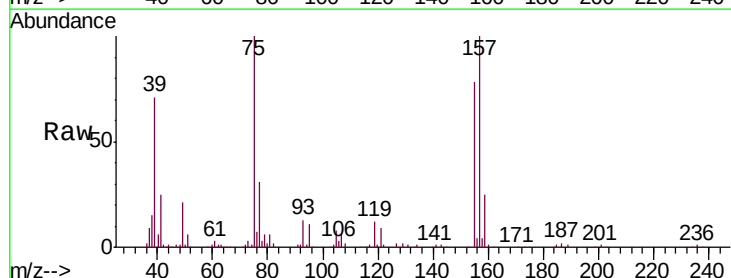
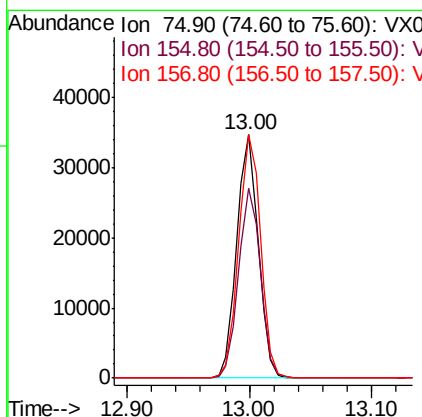
RT: 13.00 min Scan# 1943

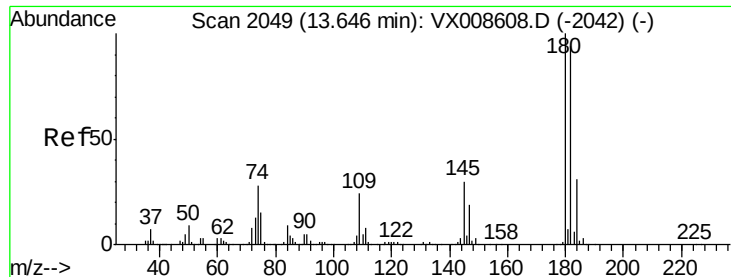
Delta R.T. -0.00 min

Lab File: VX008766.D

Acq: 09 Apr 2019 13:00

Tgt Ion:	75	Resp:	41979
Ion Ratio	Lower	Upper	
75	100		
155	79.3	39.9	119.6
157	101.8	51.5	154.7





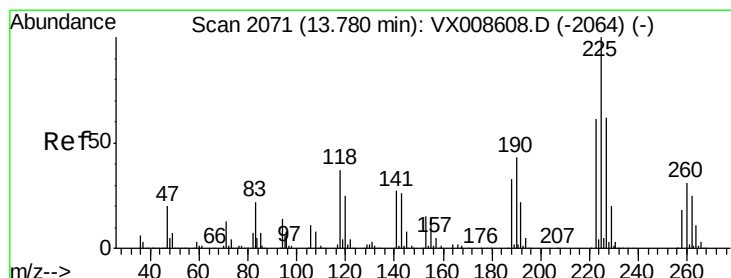
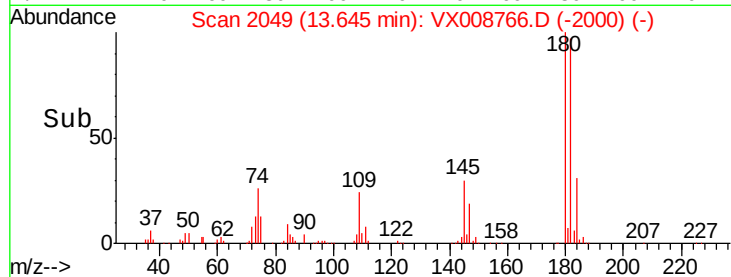
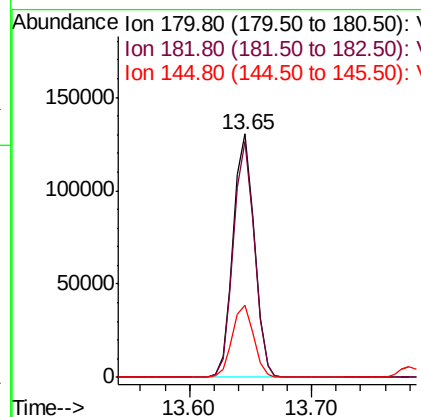
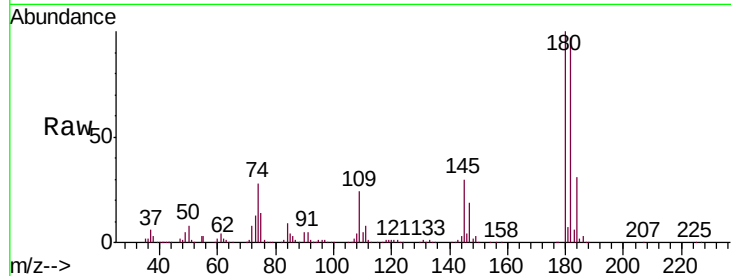
#93
 1,2,4-Trichlorobenzene
 Concen: 51.460 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156129		
182	95.8	47.2	141.6	
145	29.8	15.3	45.9	

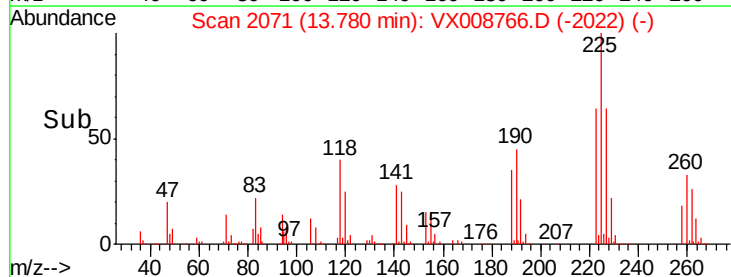
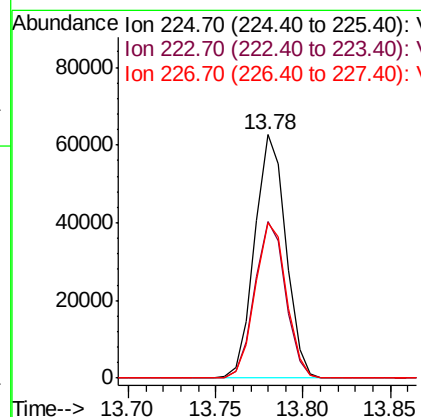
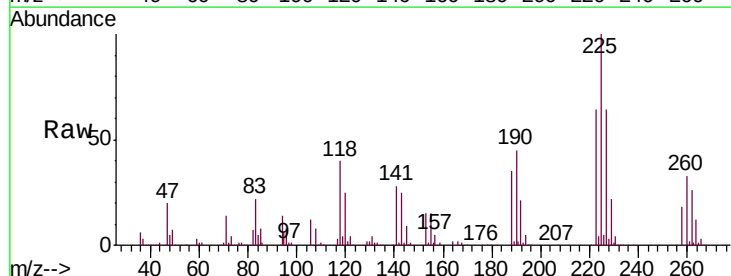
Manual Integrations
 APPROVED

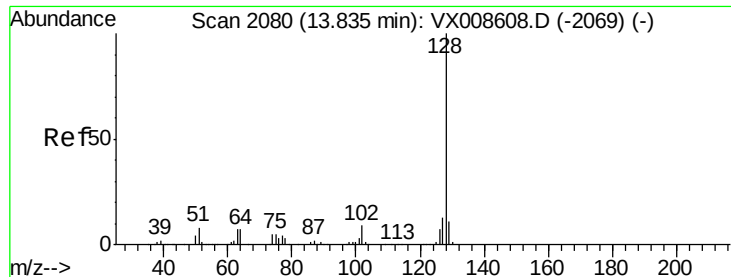
MMDadoda
 4/10/2019 10:05:07 AM



#94
 Hexachlorobutadiene
 Concen: 53.470 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008766.D
 Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77802		
223	63.5	31.2	93.6	
227	63.8	31.9	95.5	





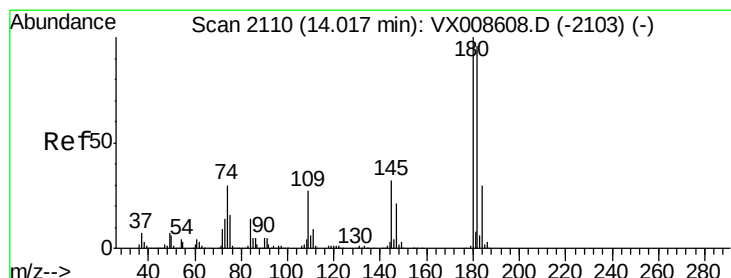
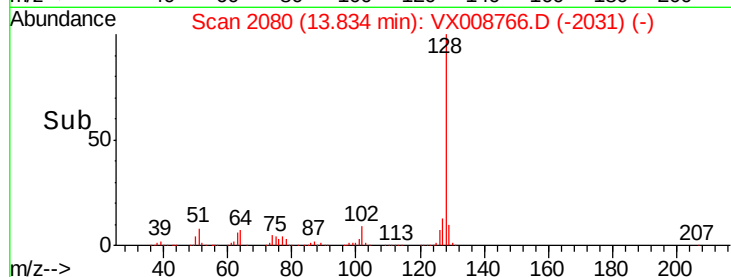
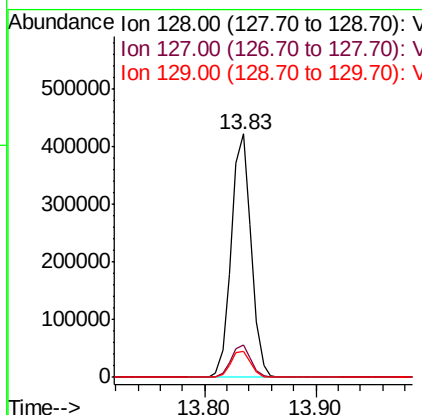
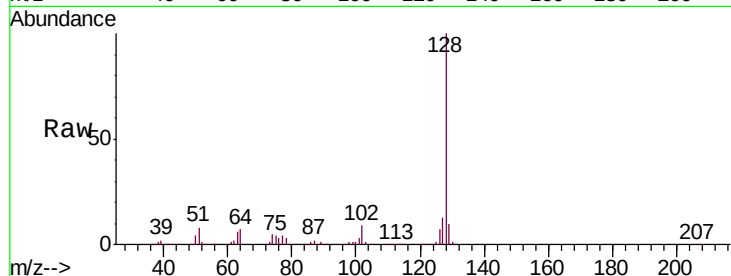
#95
Naphthalene
Concen: 50.962 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.420 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008766.D
Acq: 09 Apr 2019 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	31.1	16.3	48.8

