

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006792.D
 Acq On : 24 Dec 2018 13:58
 Operator : JC/MD
 Sample : VX1224WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:28 AM

Quant Time: Dec 25 03:27:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	563018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	785877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	404963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	305780	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.50	113	272651	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	1012191	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	374136	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92829	18.023	ug/l	99
3) Chloromethane	1.33	50	106005	19.103	ug/l	97
4) Vinyl Chloride	1.41	62	111864	19.302	ug/l	98
5) Bromomethane	1.64	94	110858	19.322	ug/l	97
6) Chloroethane	1.72	64	75240	18.750	ug/l	99
7) Trichlorofluoromethane	1.93	101	174703	19.335	ug/l	97
8) Diethyl Ether	2.19	74	68990	19.224	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104207	19.642	ug/l	99
10) Methyl Iodide	2.51	142	147426	19.413	ug/l	98
11) Tert butyl alcohol	3.07	59	153522	113.367	ug/l	98
12) 1,1-Dichloroethene	2.38	96	95727	19.030	ug/l	96
13) Acrolein	2.29	56	88411	96.777	ug/l	96
14) Allyl chloride	2.73	41	165351	19.528	ug/l	98
15) Acrylonitrile	3.15	53	322371	107.216	ug/l	100
16) Acetone	2.45	43	281234	100.880	ug/l	99
17) Carbon Disulfide	2.57	76	200842	15.087	ug/l	99
18) Methyl Acetate	2.78	43	185409	22.618	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350208	20.976	ug/l	99
20) Methylene Chloride	2.85	84	116855	20.271	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	104056	18.669	ug/l	98
22) Diisopropyl ether	3.87	45	328069	21.179	ug/l	94
23) Vinyl Acetate	3.82	43	1272576	100.434	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178334	19.285	ug/l	99
25) 2-Butanone	4.70	43	413994	105.573	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120539	16.875	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	123765	20.126	ug/l	98
28) Bromochloromethane	5.02	49	85168	20.765	ug/l	96
29) Tetrahydrofuran	5.15	42	275178	106.544	ug/l	98
30) Chloroform	5.21	83	189908	19.832	ug/l	95
31) Cyclohexane	5.57	56	160050	19.052	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155015	19.171	ug/l	99
36) 1,1-Dichloropropene	5.80	75	140469	19.718	ug/l	99
37) Ethyl Acetate	4.85	43	156071	21.049	ug/l	98
38) Carbon Tetrachloride	5.79	117	128007	18.489	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172652	18.409	ug/l	97
40) Benzene	6.14	78	433535	20.021	ug/l	99
41) Methacrylonitrile	5.06	41	86280	21.918	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148470	20.121	ug/l	99
43) Isopropyl Acetate	6.46	43	233264	20.676	ug/l	98
44) Trichloroethene	7.21	130	125488	19.147	ug/l	98
45) 1,2-Dichloropropane	7.52	63	106646	20.238	ug/l	95
46) Dibromomethane	7.66	93	75225	19.408	ug/l	98
47) Bromodichloromethane	7.90	83	122389	19.019	ug/l	93
48) Methyl methacrylate	7.77	41	124577	21.714	ug/l	97
49) 1,4-Dioxane	7.75	88	64454	417.814	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	805660	112.238	ug/l	99
52) Toluene	8.79	92	284017	20.302	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	124347	18.017	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146280	19.317	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	118171	20.637	ug/l	99
56) Ethyl methacrylate	9.18	69	171809	21.229	ug/l	98
57) 1,3-Dichloropropane	9.37	76	190743	20.704	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	441224	102.561	ug/l	99
59) 2-Hexanone	9.49	43	599577	109.170	ug/l	100
60) Dibromochloromethane	9.59	129	100483	18.323	ug/l	97
61) 1,2-Dibromoethane	9.67	107	125713	20.653	ug/l	100
64) Tetrachloroethene	9.34	164	120728	19.400	ug/l	97
65) Chlorobenzene	10.14	112	331859	19.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	106096	20.453	ug/l	99
67) Ethyl Benzene	10.25	91	543988	20.023	ug/l	98
68) m/p-Xylenes	10.36	106	428743	39.993	ug/l	100
69) o-Xylene	10.70	106	211989	20.025	ug/l	98
70) Styrene	10.71	104	339182	20.252	ug/l	99
71) Bromoform	10.85	173	70652	18.213	ug/l #	98
73) Isopropylbenzene	11.02	105	565463	20.411	ug/l	100
74) N-amyl acetate	10.90	43	217729	21.956	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	181077	21.977	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161607m	21.473	ug/l	
77) Bromobenzene	11.26	156	151743	20.260	ug/l	98
78) n-propylbenzene	11.36	91	625451	20.501	ug/l	99
79) 2-Chlorotoluene	11.42	91	373773	20.217	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	462332	20.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35203	17.262	ug/l #	82
82) 4-Chlorotoluene	11.51	91	424474	20.016	ug/l	99
83) tert-Butylbenzene	11.77	119	463955	20.315	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	472822	19.699	ug/l	100
85) sec-Butylbenzene	11.94	105	567383	20.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	497950	20.230	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	272867	20.214	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	274253	19.819	ug/l	99
89) n-Butylbenzene	12.39	91	419023	20.003	ug/l	99
90) Hexachloroethane	12.60	117	63171	18.612	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	272995	20.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32920	19.310	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188647	20.253	ug/l	99
94) Hexachlorobutadiene	13.78	225	86474	19.696	ug/l	99
95) Naphthalene	13.83	128	598241	20.123	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	191734	19.936	ug/l	98

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

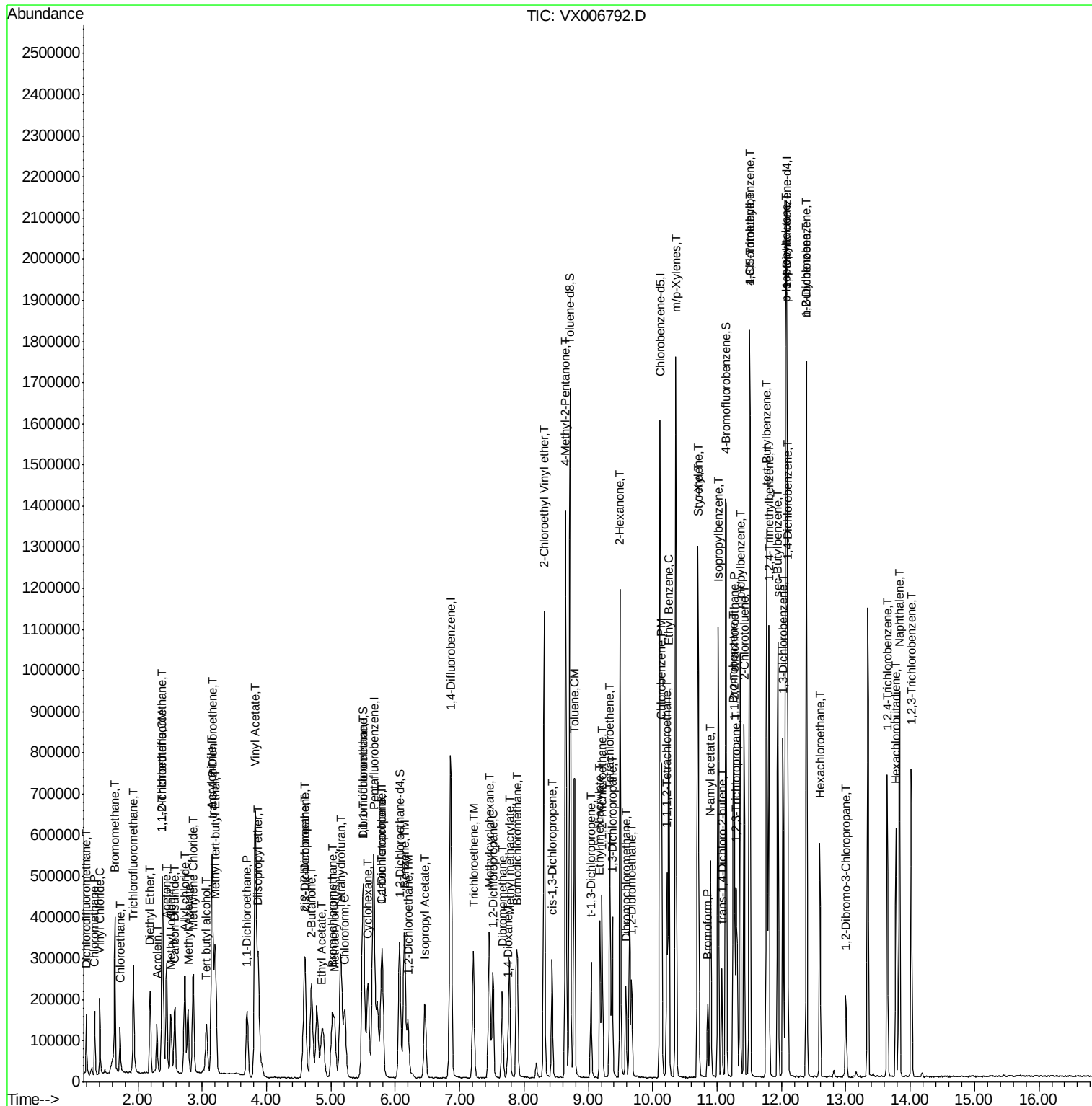
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006792.D
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Operator : JC/MD
Sample : VX1224WBSD01
Misc : 5.0mL/MSVOA X/WATER
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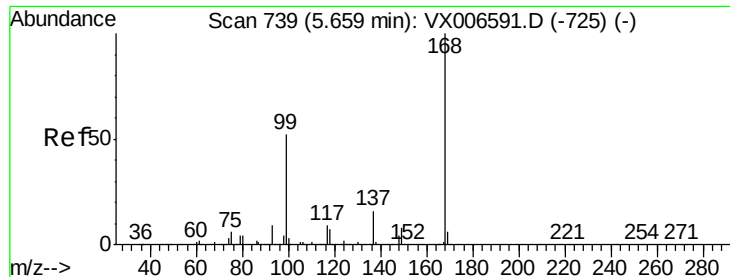
Instrument :
MSVOA_X
Client Sampled :
VX1224WBSD01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion:168 Resp: 563018

Ion Ratio Lower Upper

168 100

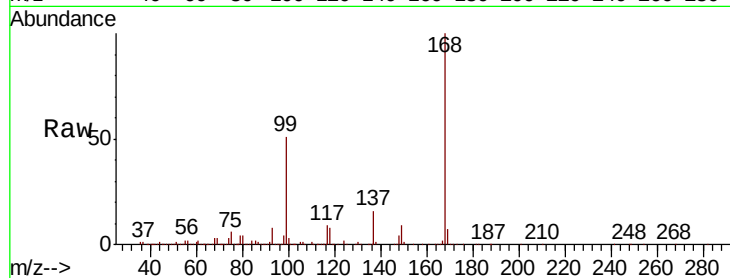
99 50.8 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

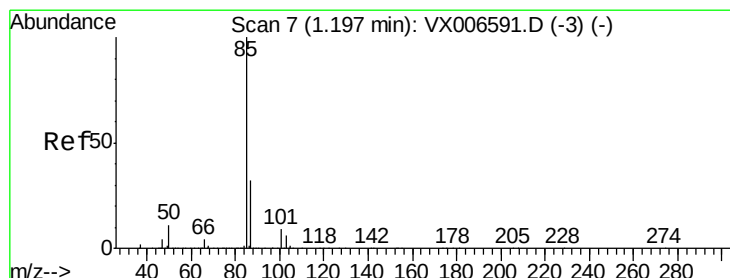
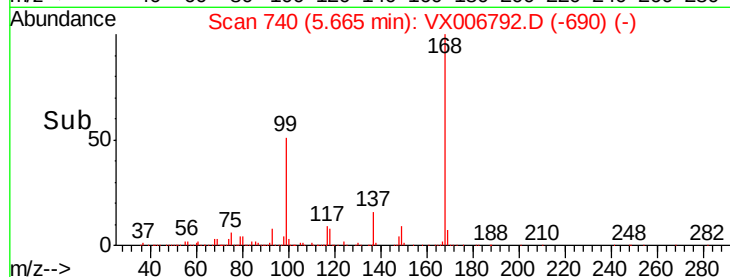
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.023 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006792.D

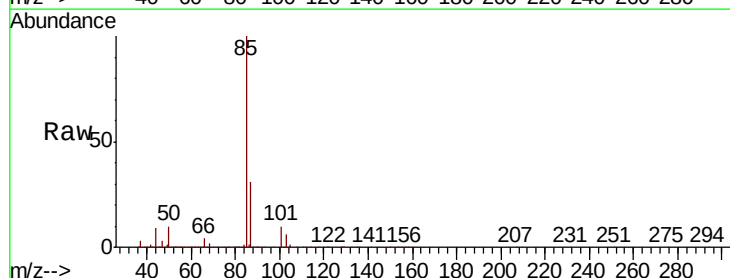
Acq: 24 Dec 2018 13:58

Tgt Ion: 85 Resp: 92829

Ion Ratio Lower Upper

85 100

87 31.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

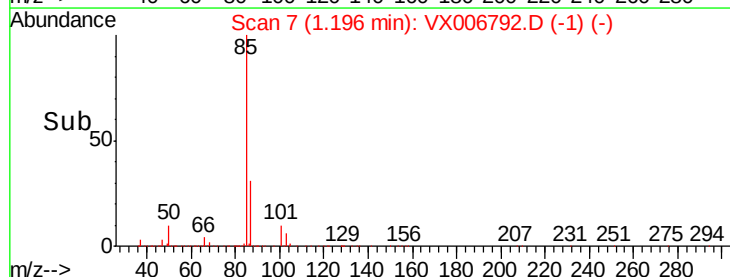
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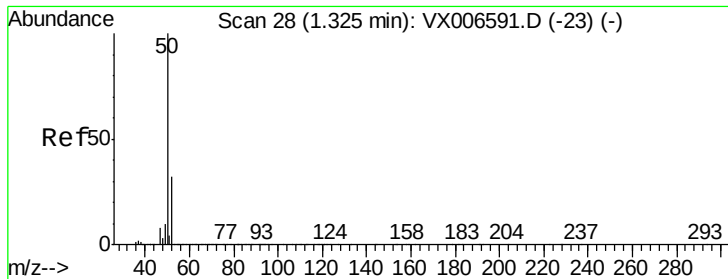
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.103 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 50 Resp: 106005

Ion Ratio Lower Upper

50 100

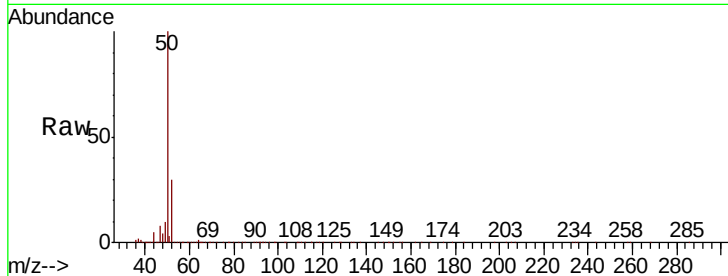
52 30.1 25.4 38.2

Manual Integrations

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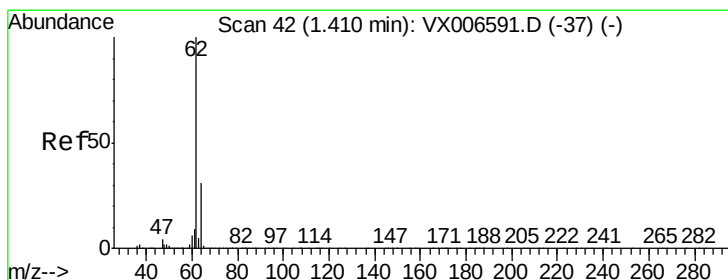
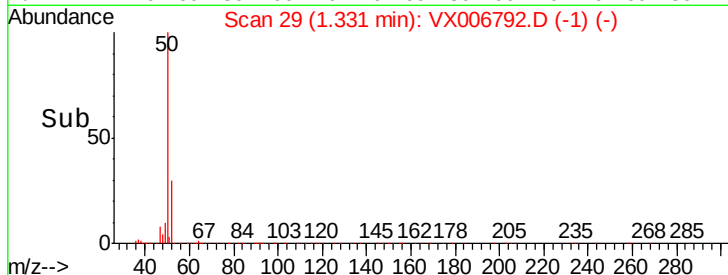
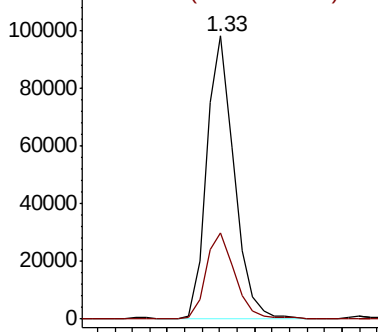
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.302 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006792.D

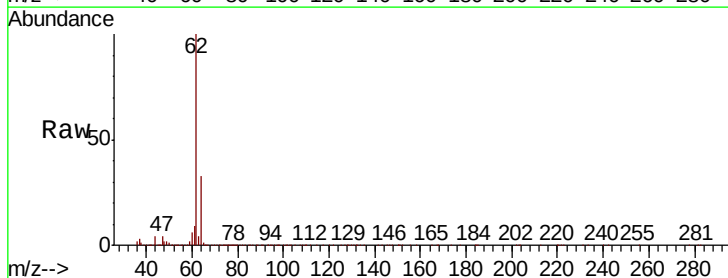
Acq: 24 Dec 2018 13:58

Tgt Ion: 62 Resp: 111864

Ion Ratio Lower Upper

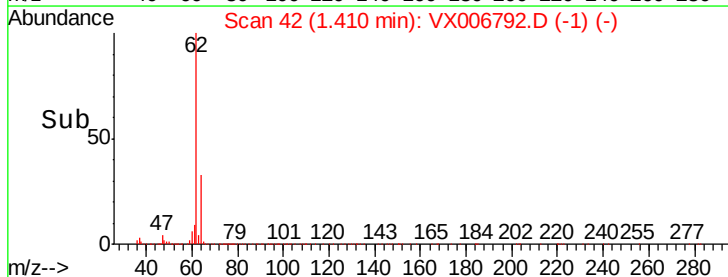
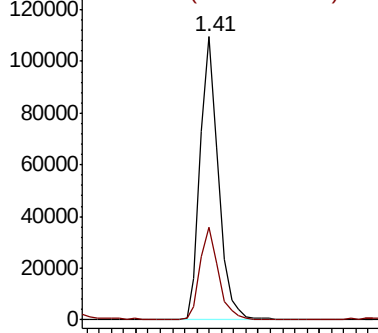
62 100

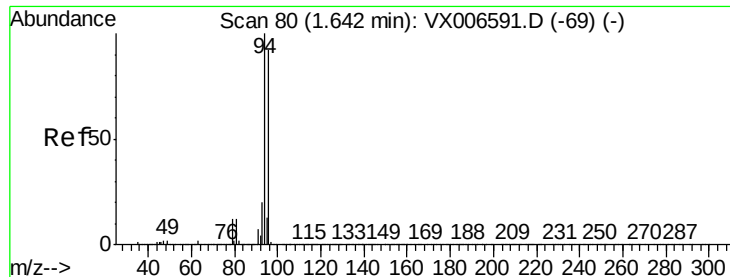
64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.322 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 94 Resp: 110858

Ion Ratio Lower Upper

94 100

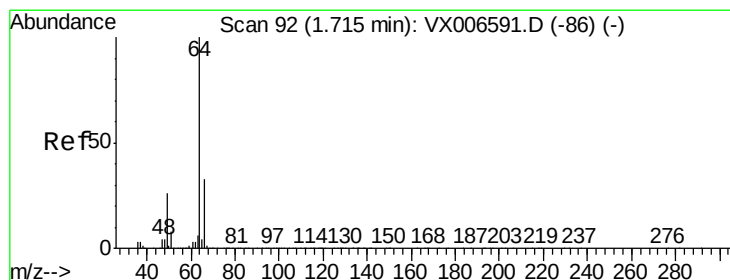
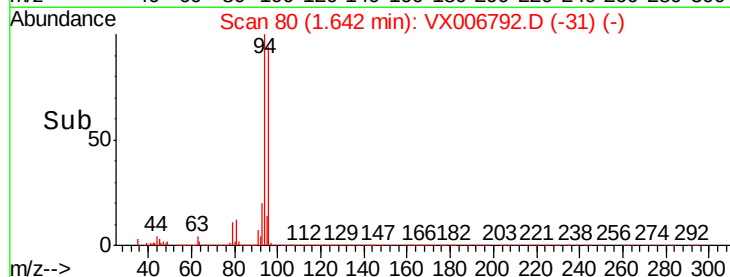
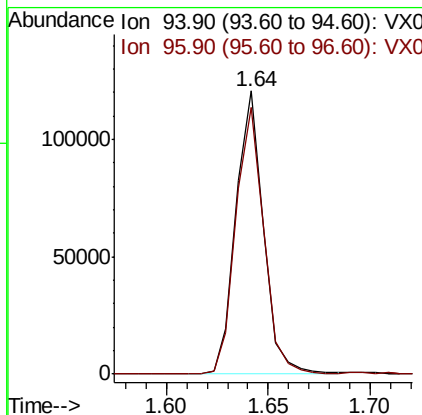
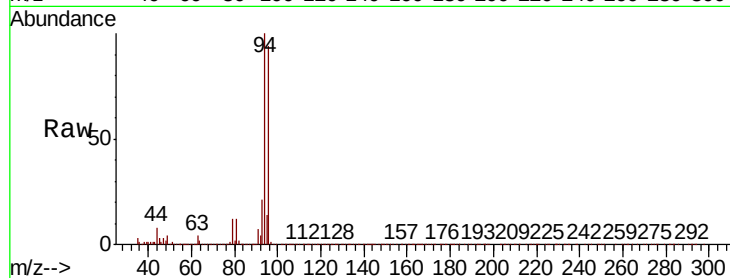
96 94.4 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 18.750 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006792.D

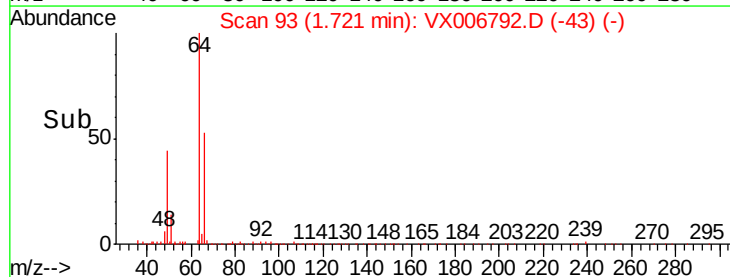
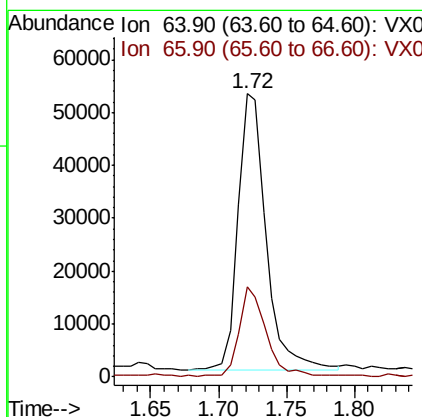
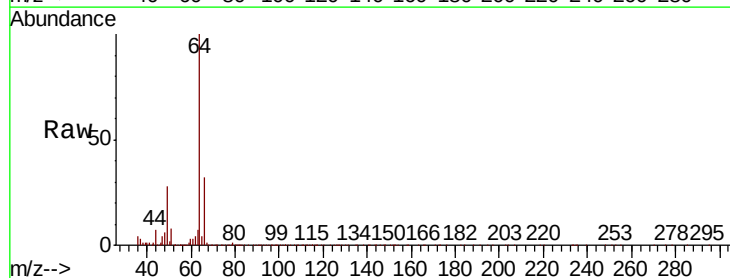
Acq: 24 Dec 2018 13:58

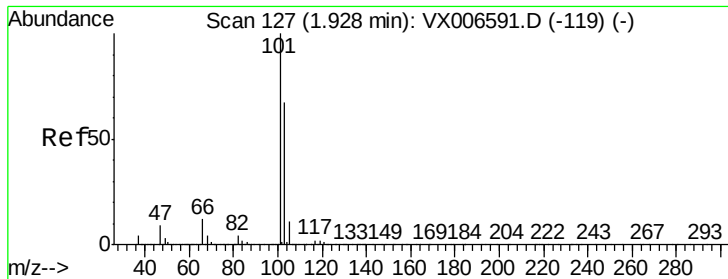
Tgt Ion: 64 Resp: 75240

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6





#7

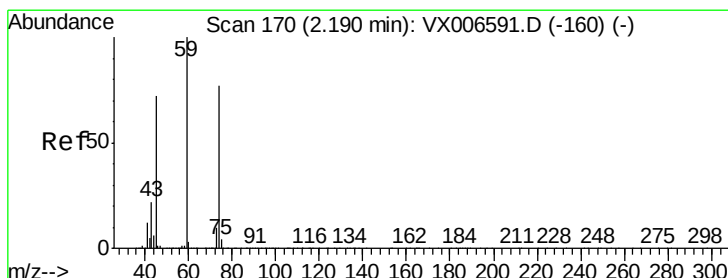
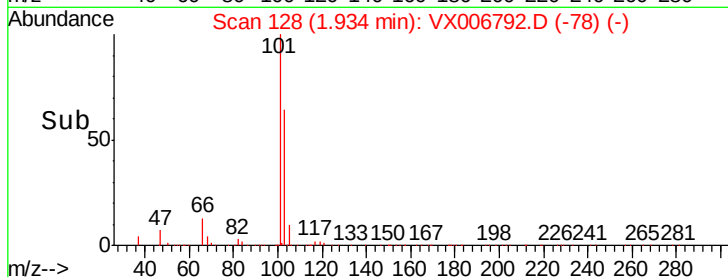
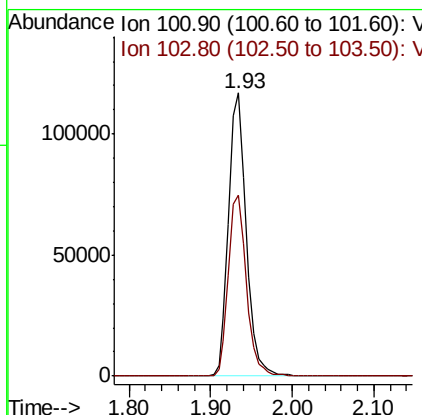
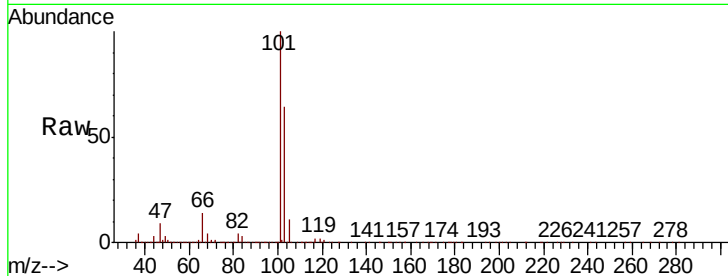
Trichlorofluoromethane
Concen: 19.335 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
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ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.2	79.8

Manual Integrations
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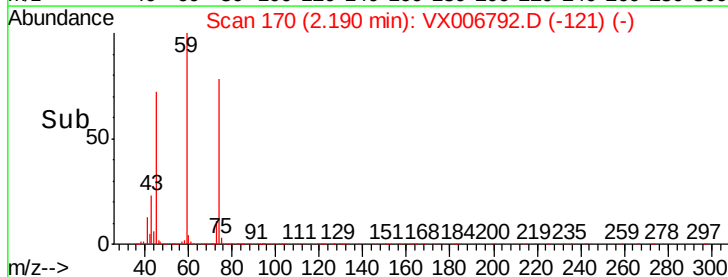
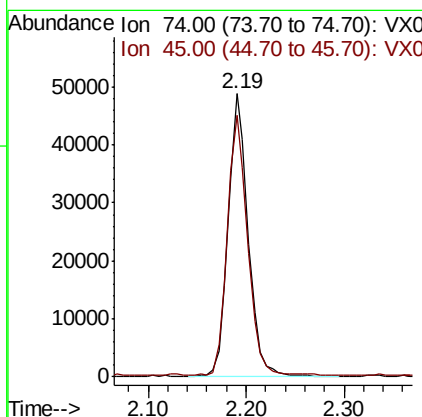
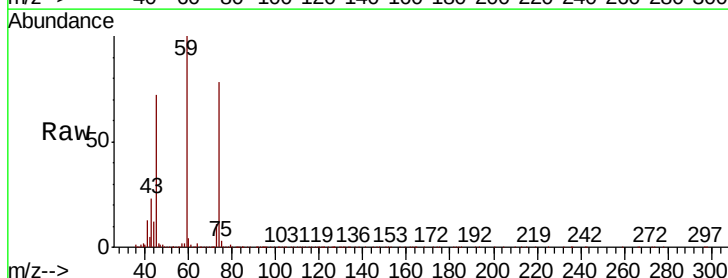
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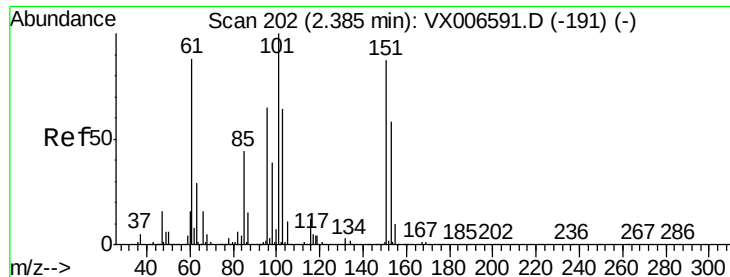


#8

Diethyl Ether
Concen: 19.224 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.642 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

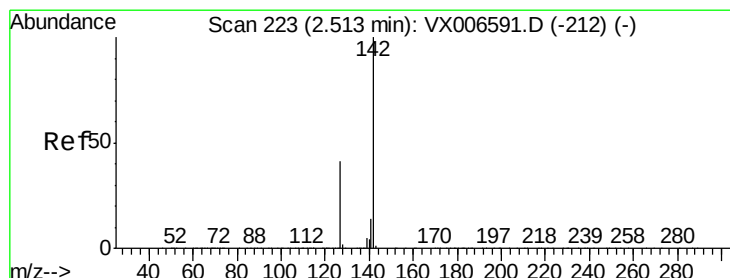
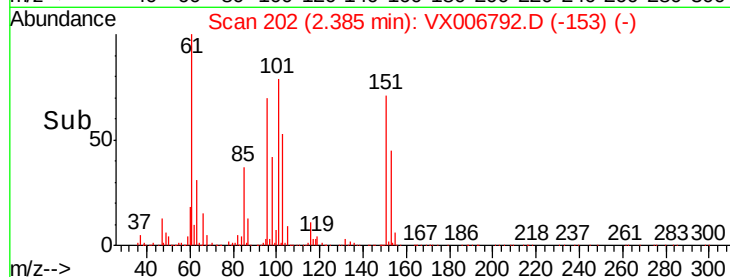
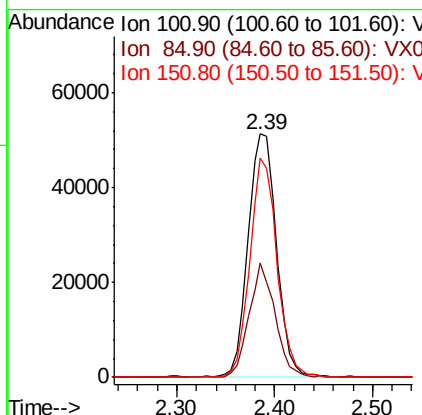
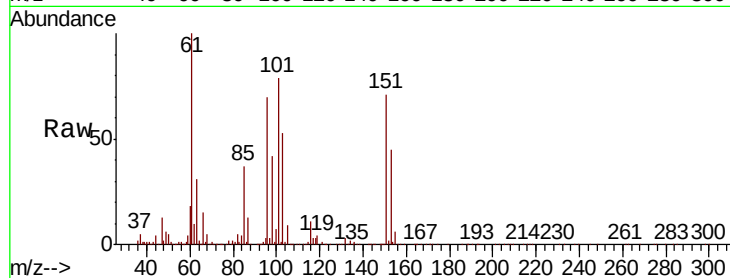
ClientSampleId :

VX1224WBSD01

Tot Ion:	101	Resp:	104207
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.1	52.7
151	86.0	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.413 ug/l

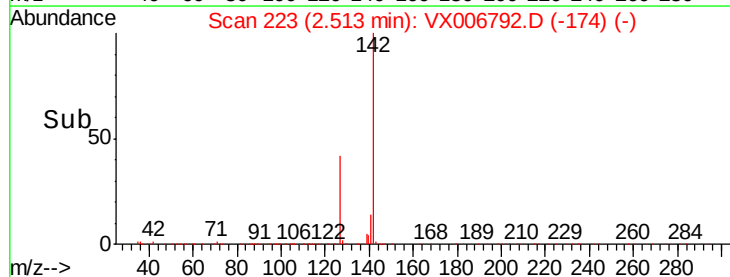
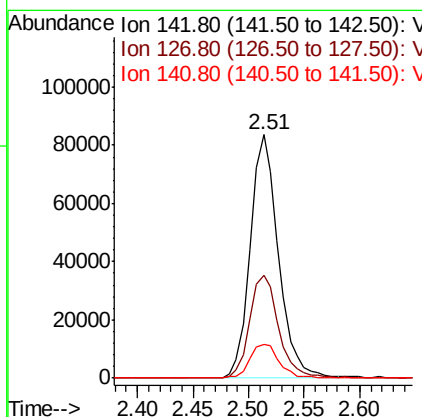
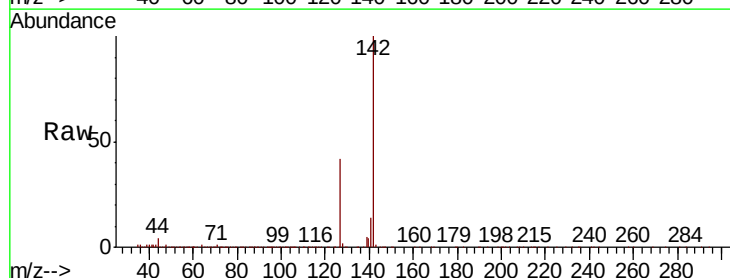
RT: 2.51 min Scan# 223

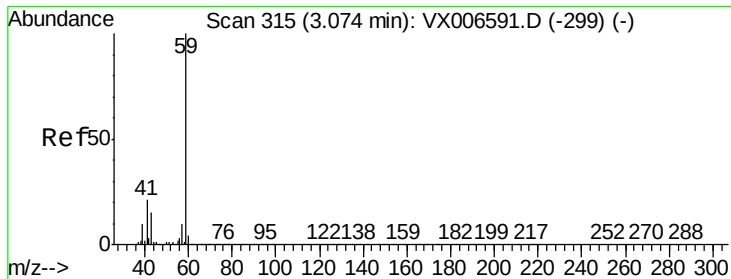
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	142	Resp:	147426
Ion Ratio	Lower	Upper	
142	100		
127	43.6	33.9	50.9
141	14.9	11.4	17.0





#11

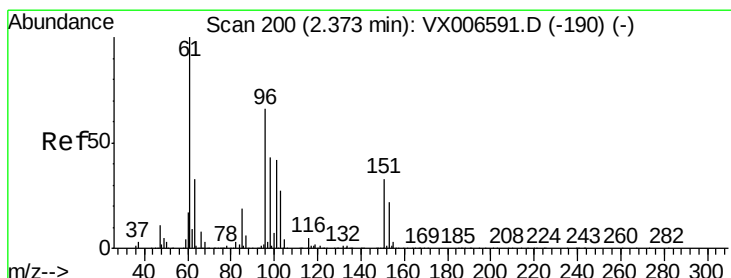
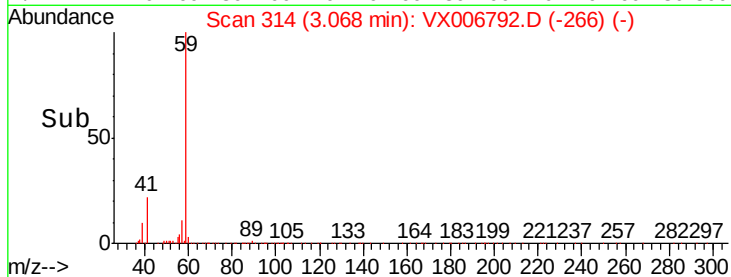
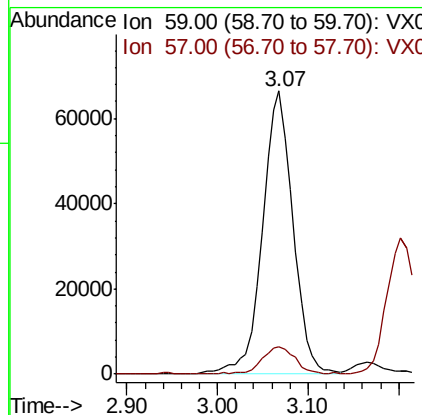
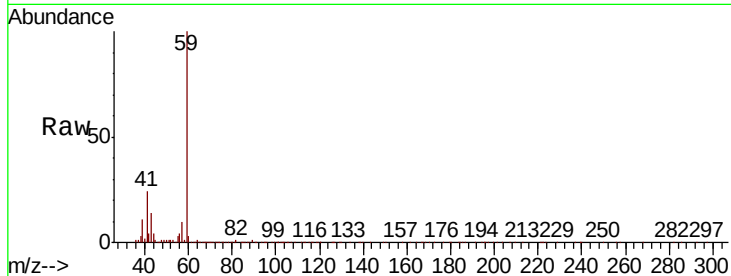
Tert butyl alcohol
 Concen: 113.367 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

Manual Integrations
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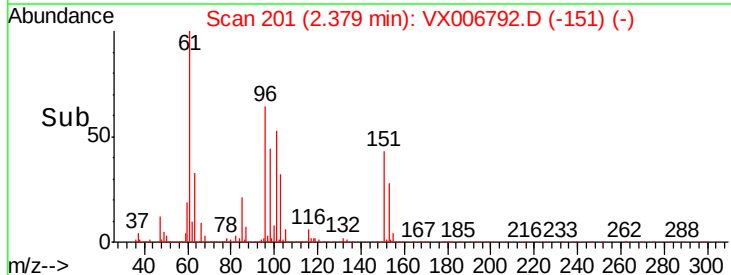
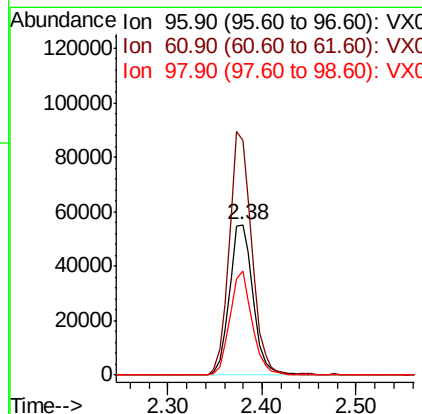
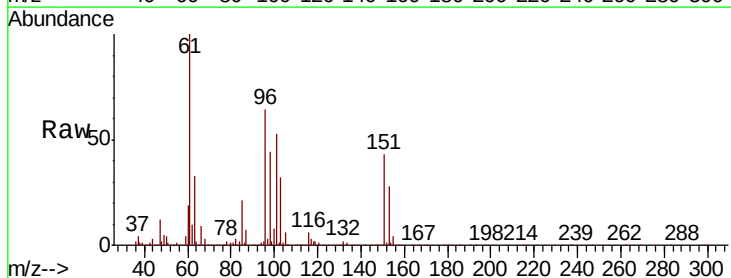
MMDadoda
 12/26/2018 9:57:28 AM

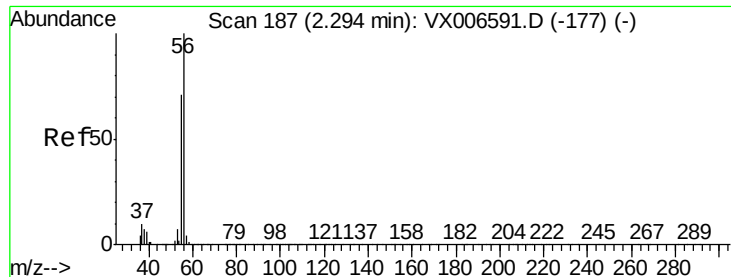


#12

1,1-Dichloroethene
 Concen: 19.030 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	121.4	182.2
98	69.2	51.9	77.9





#13

Acrolein

Concen: 96.777 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 56 Resp: 88411

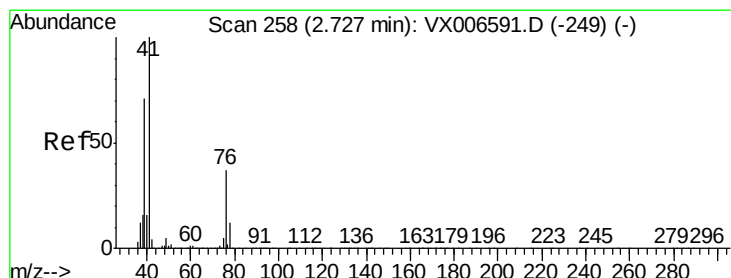
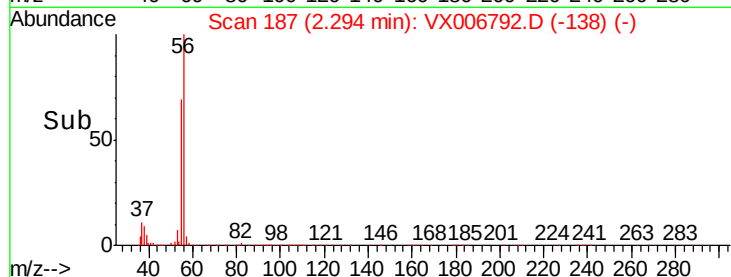
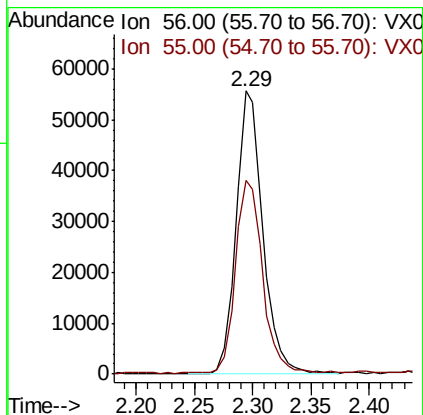
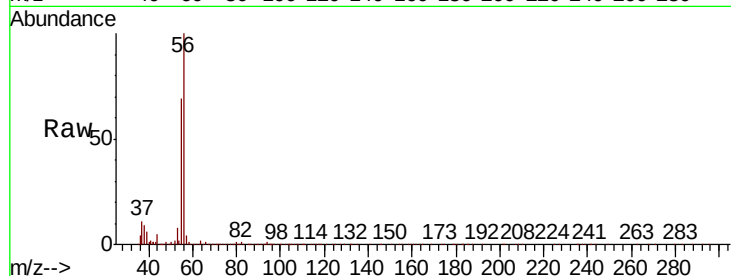
Ion Ratio Lower Upper

56 100

55 69.2 58.2 87.4

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#14

Allyl chloride

Concen: 19.528 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

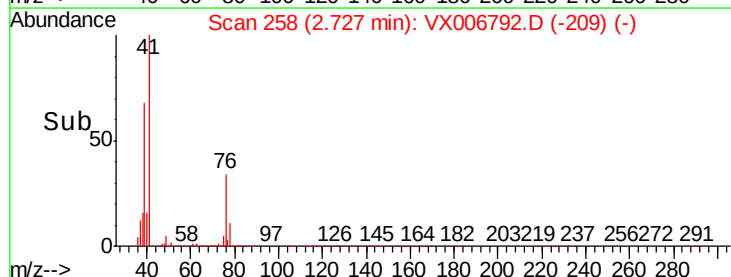
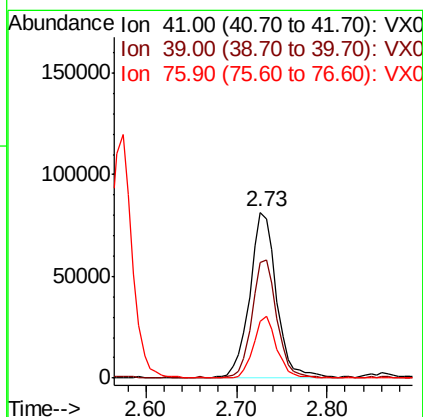
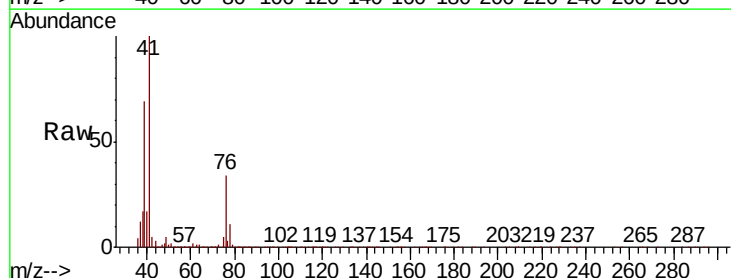
Tgt Ion: 41 Resp: 165351

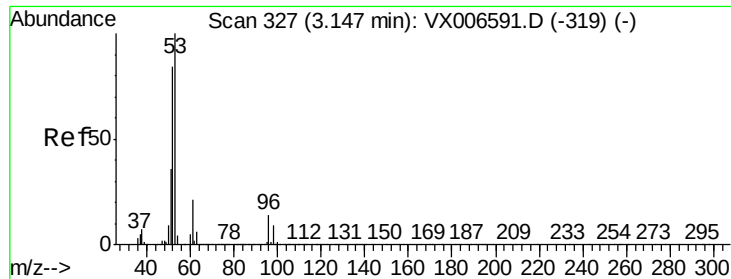
Ion Ratio Lower Upper

41 100

39 65.7 53.6 80.4

76 32.2 27.4 41.2





#15

Acrylonitrile

Concen: 107.216 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

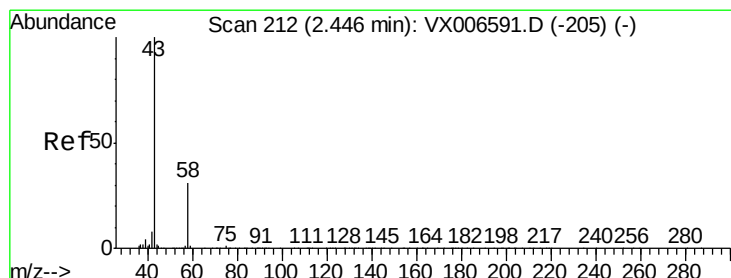
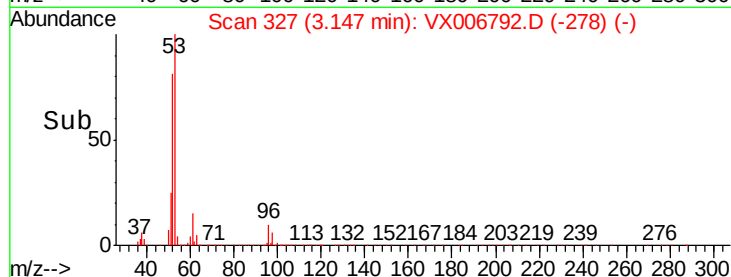
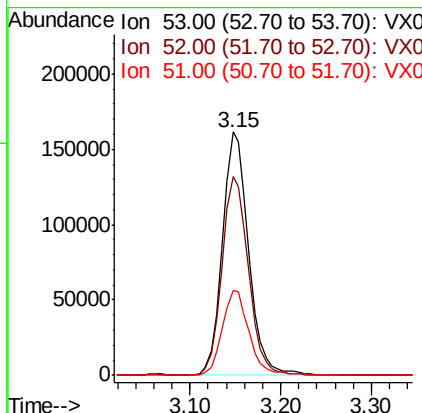
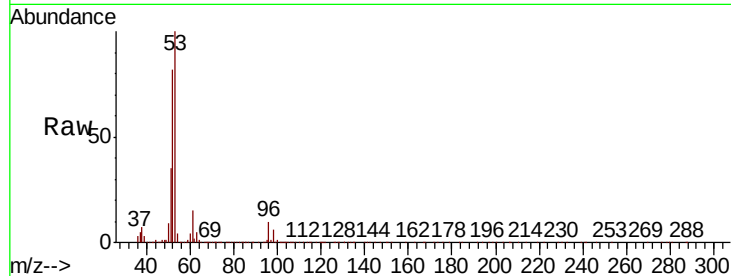
ClientSampleId :

VX1224WBSD01

Tot Ion:	53	Resp:	322371
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 100.880 ug/l

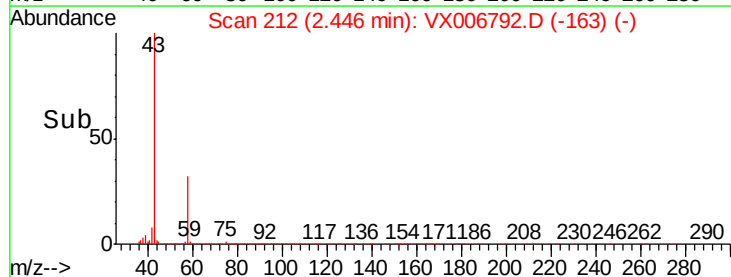
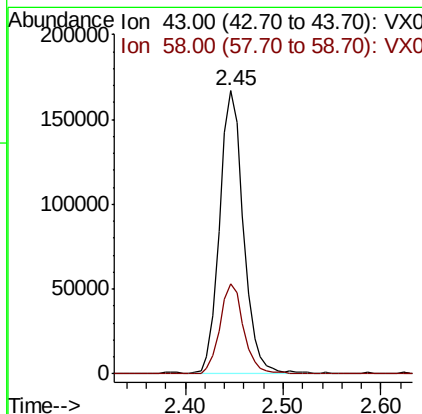
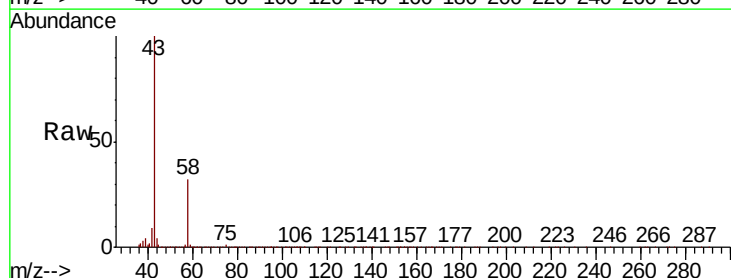
RT: 2.45 min Scan# 212

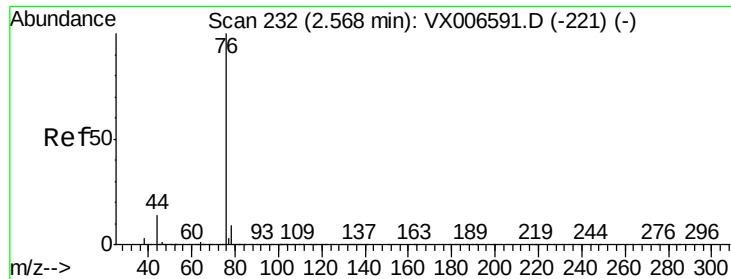
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	43	Resp:	281234
Ion Ratio		Lower	Upper
43	100		
58	31.7	25.0	37.6





#17

Carbon Disulfide

Concen: 15.087 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 76 Resp: 200842

Ion Ratio Lower Upper

76 100

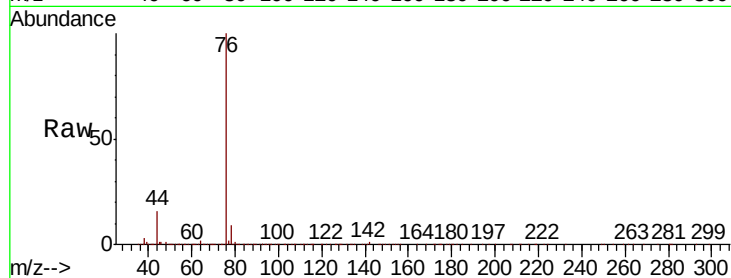
78 9.1 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

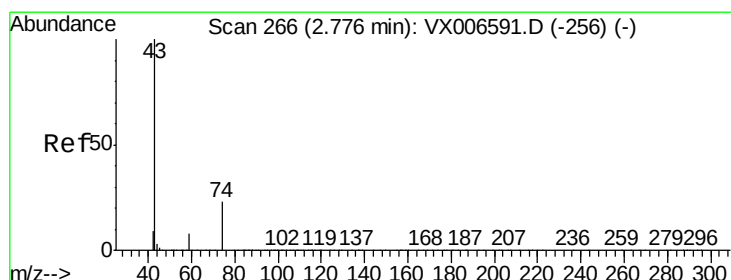
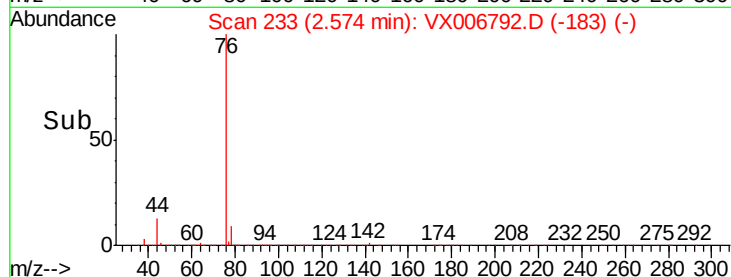
2.57

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 22.618 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006792.D

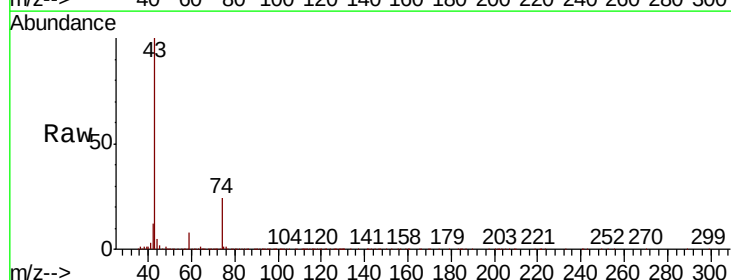
Acq: 24 Dec 2018 13:58

Tgt Ion: 43 Resp: 185409

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

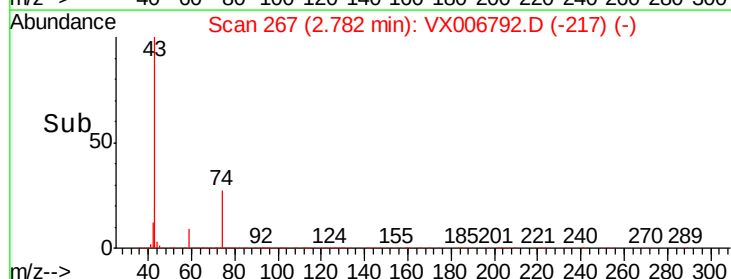
60000

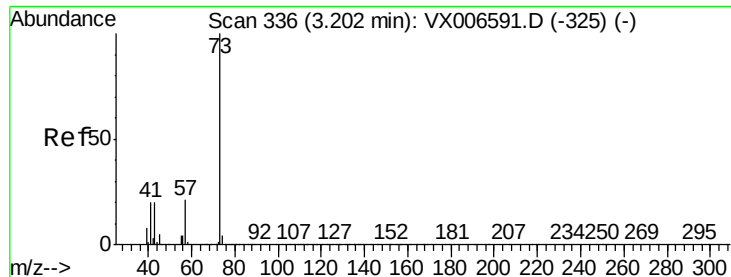
40000

20000

0

Time-->





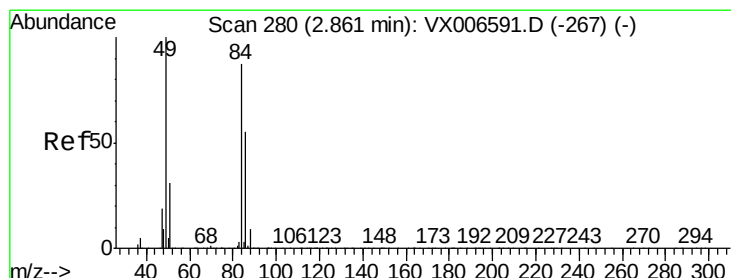
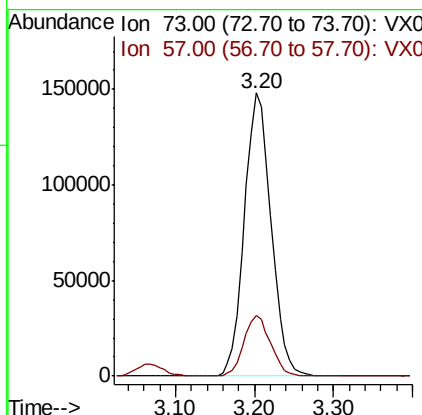
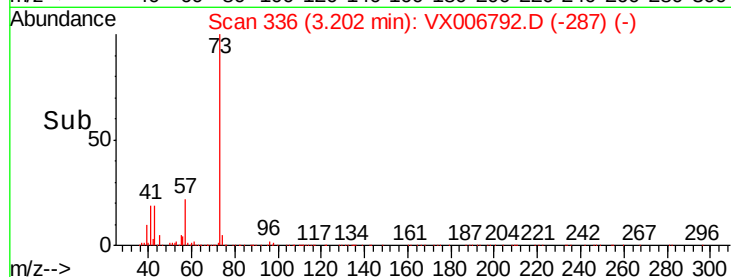
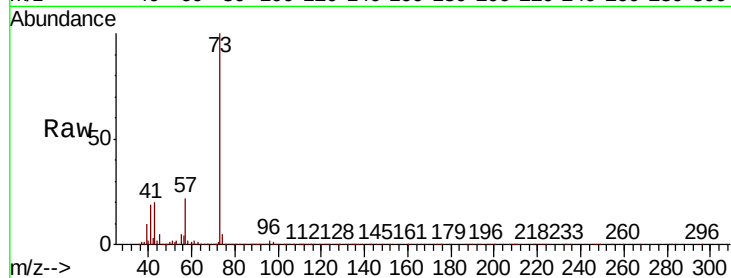
#19
Methyl tert-butyl Ether
Concen: 20.976 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

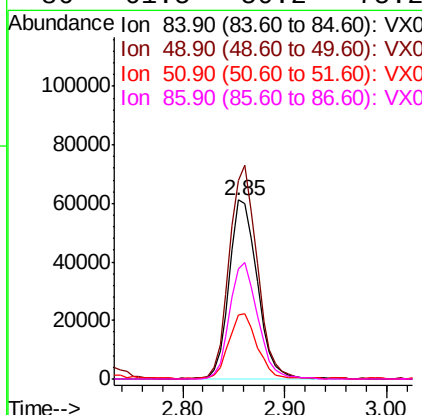
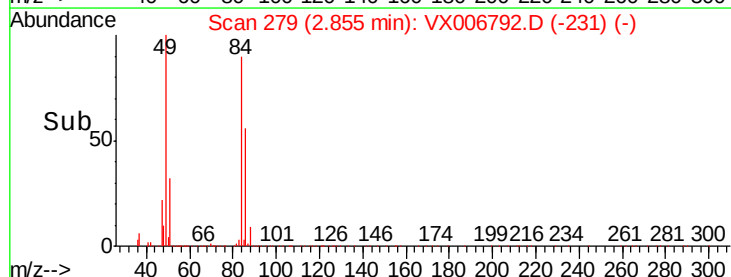
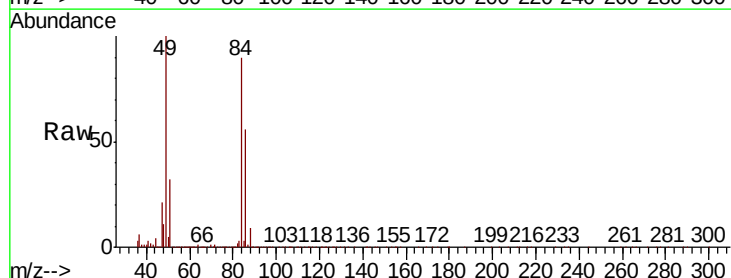
Manual Integrations
APPROVED

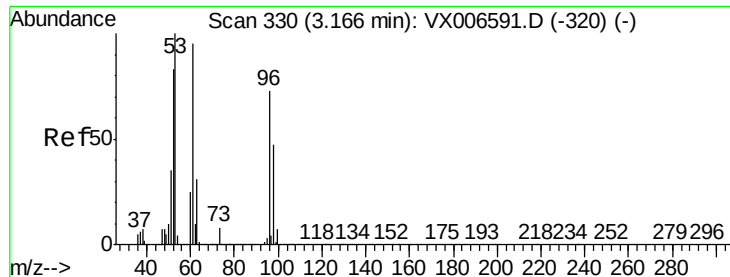
MMDadoda
12/26/2018 9:57:28 AM



#20
Methylene Chloride
Concen: 20.271 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.8	91.8	137.6
51	35.5	28.5	42.7
86	61.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.669 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

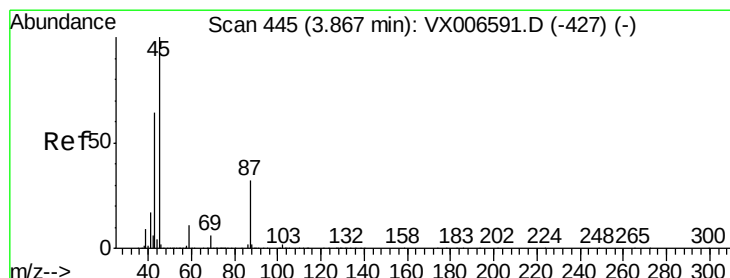
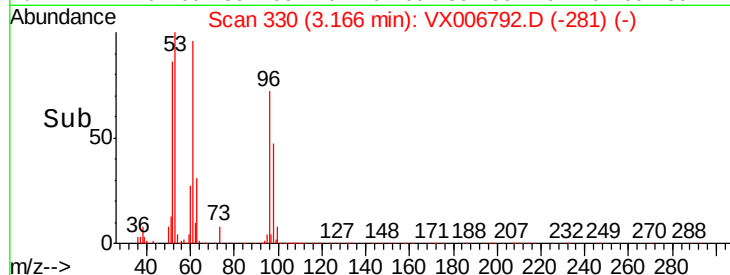
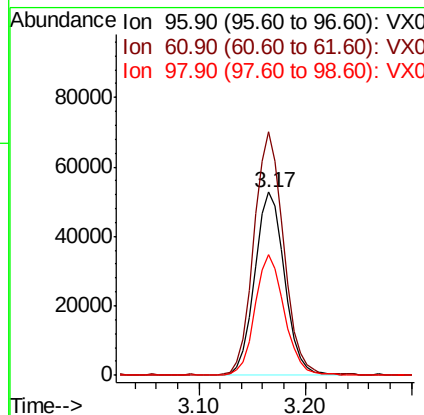
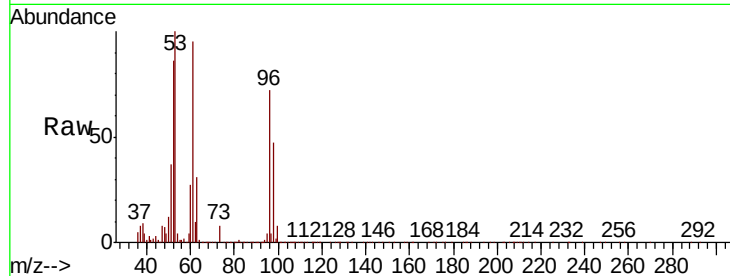
ClientSampleId :

VX1224WBSD01

Tot Ion:	96	Resp:	104056
Ion Ratio	Lower	Upper	
96	100		
61	132.2	103.7	155.5
98	65.6	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.179 ug/l

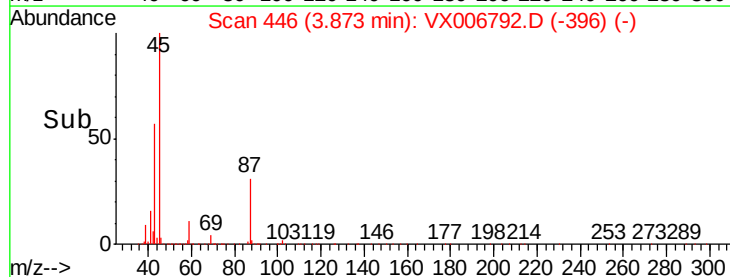
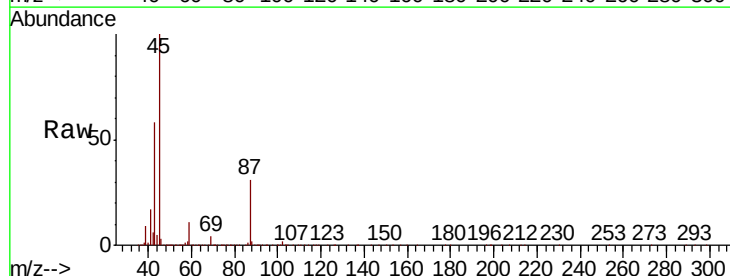
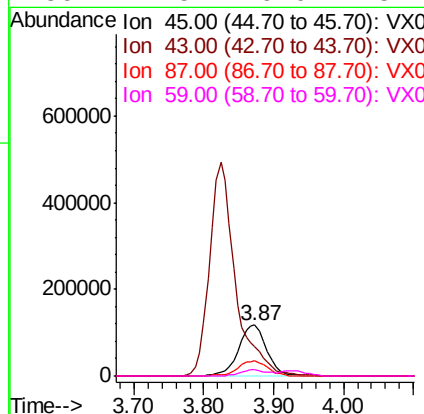
RT: 3.87 min Scan# 446

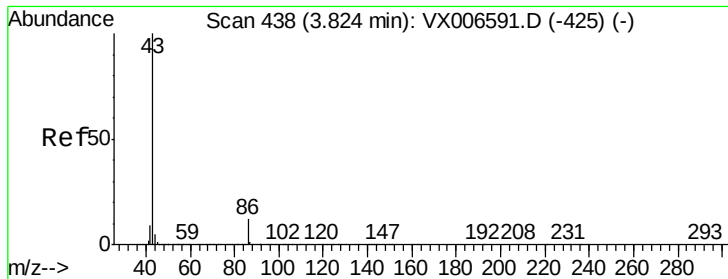
Delta R.T. 0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	45	Resp:	328069
Ion Ratio	Lower	Upper	
45	100		
43	57.0	51.2	76.8
87	31.3	25.8	38.6
59	11.5	9.0	13.4





#23

Vinyl Acetate

Concen: 100.434 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 43 Resp: 1272576

Ion Ratio Lower Upper

43 100

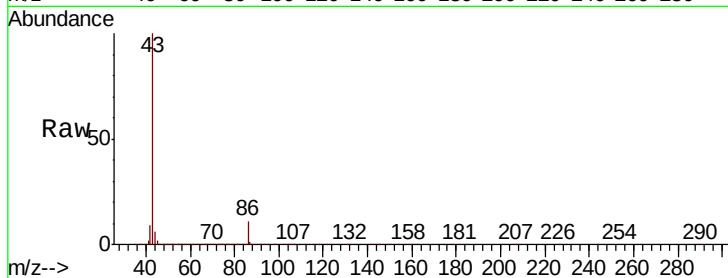
86 11.4 9.2 13.8

Manual Integrations

APPROVED

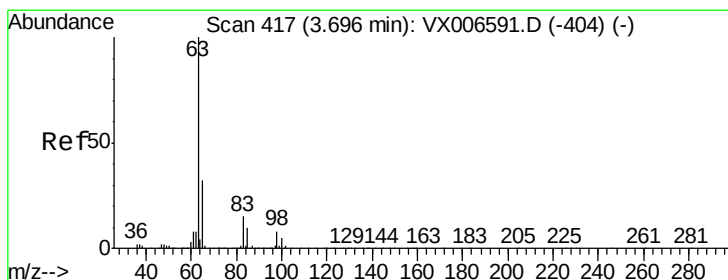
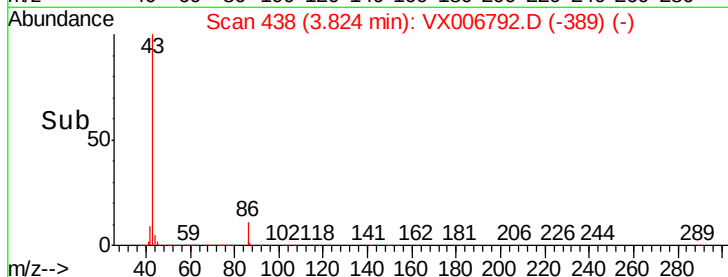
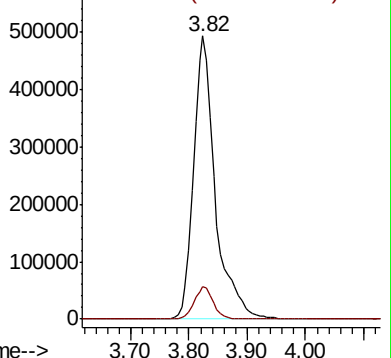
MMDadoda

12/26/2018 9:57:28 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.285 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

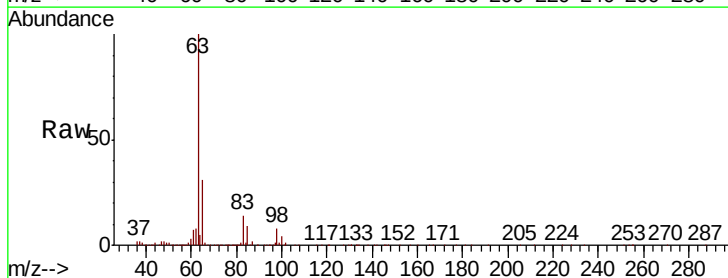
Tgt Ion: 63 Resp: 178334

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

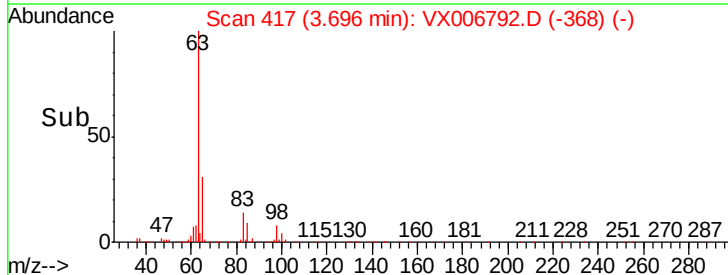
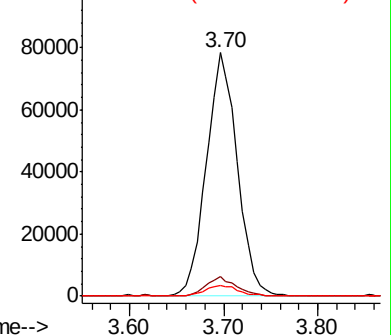
100 4.4 2.4 7.2

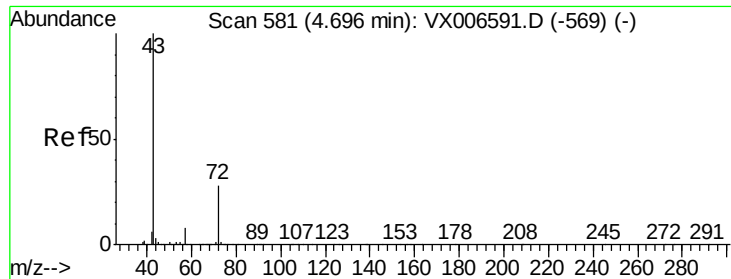


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.573 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 43 Resp: 413994

Ion Ratio Lower Upper

43 100

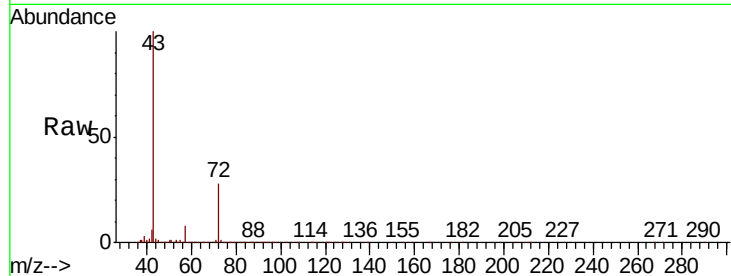
72 28.2 22.4 33.6

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

150000

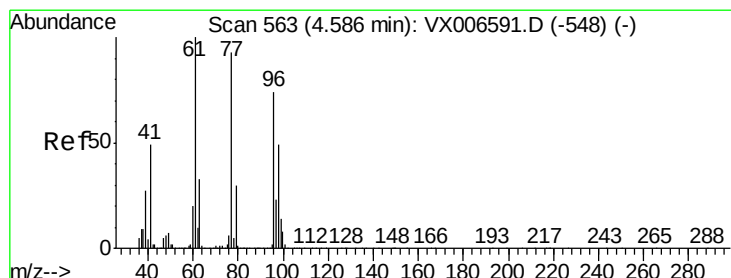
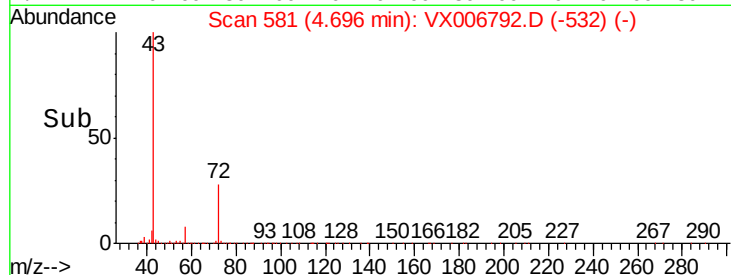
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.875 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006792.D

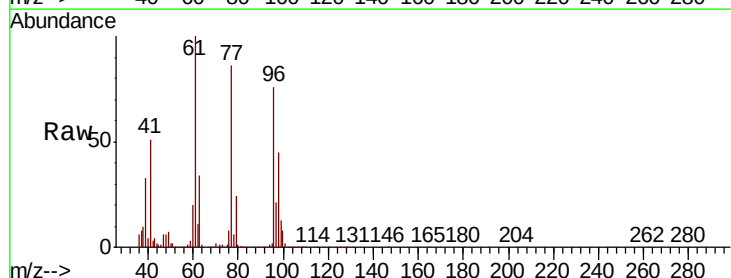
Acq: 24 Dec 2018 13:58

Tgt Ion: 77 Resp: 120539

Ion Ratio Lower Upper

77 100

97 26.3 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

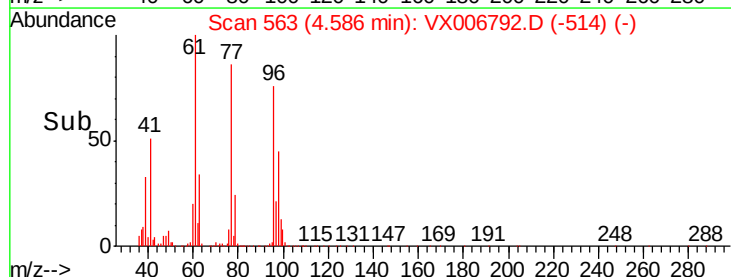
20000

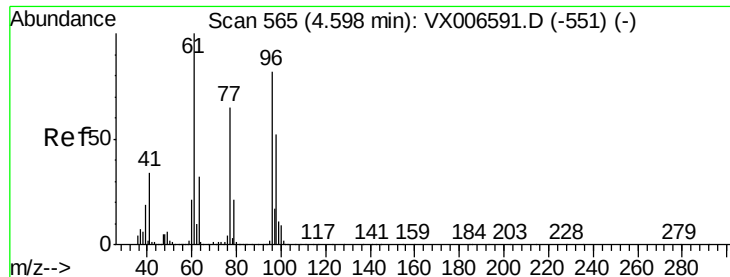
10000

0

4.50 4.60 4.70

Time-->





#27

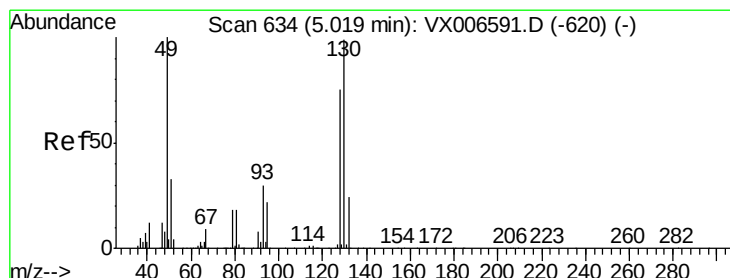
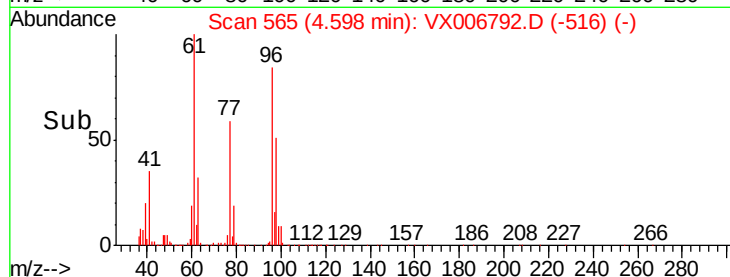
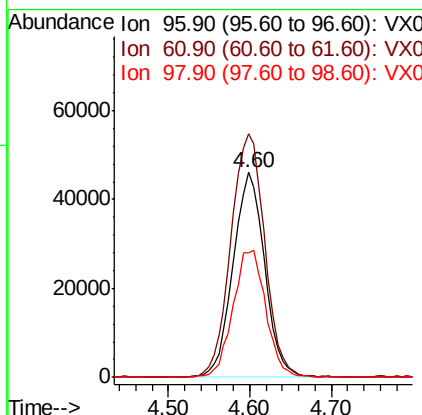
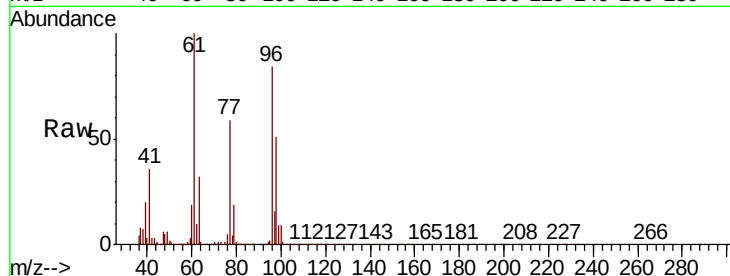
cis-1,2-Dichloroethene
Concen: 20.126 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123765		
61	126.6		0.0	258.6
98	64.5		0.0	132.0

Manual Integrations
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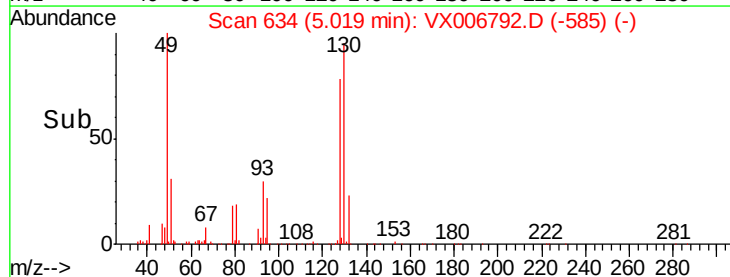
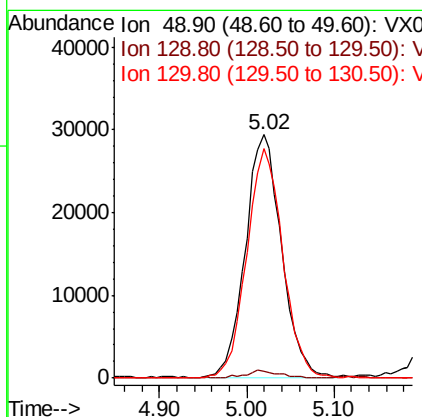
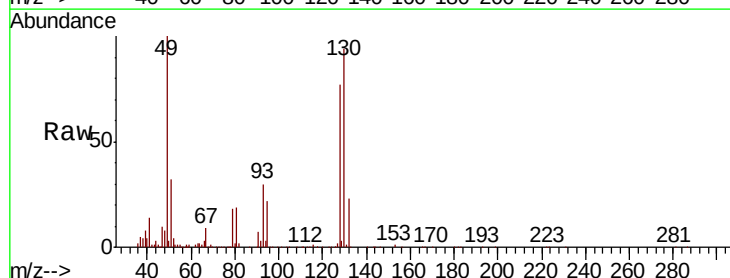
MMDadoda
12/26/2018 9:57:28 AM

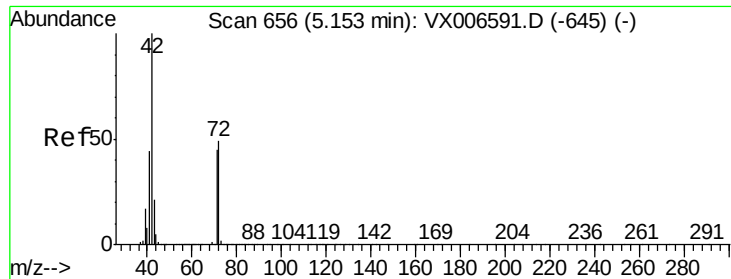


#28

Bromochloromethane
Concen: 20.765 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85168		
129	3.1		0.0	5.4
130	93.4		77.7	116.5





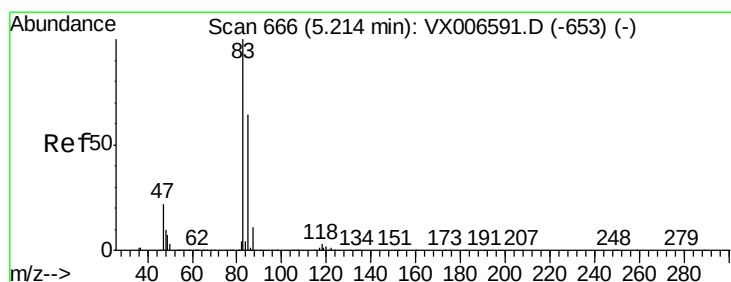
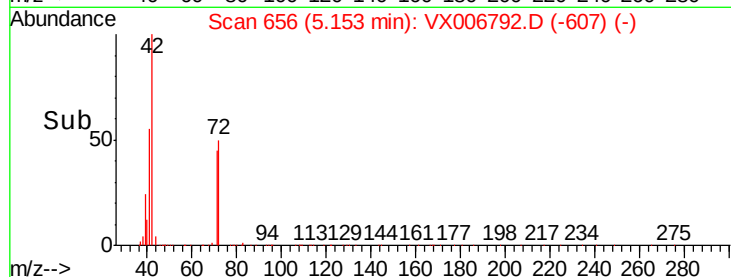
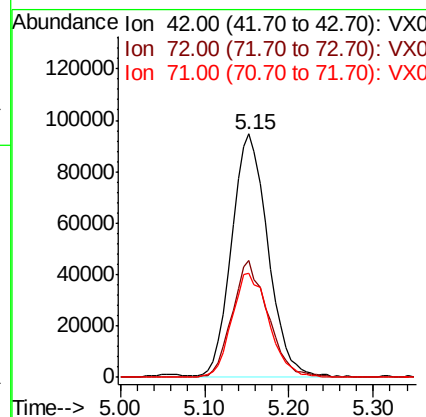
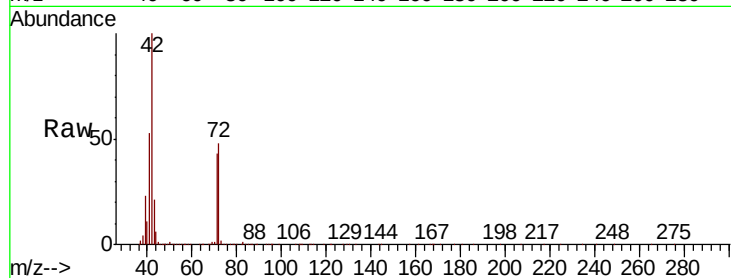
#29
Tetrahydrofuran
Concen: 106.544 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.9	58.3
71	43.9	36.2	54.4

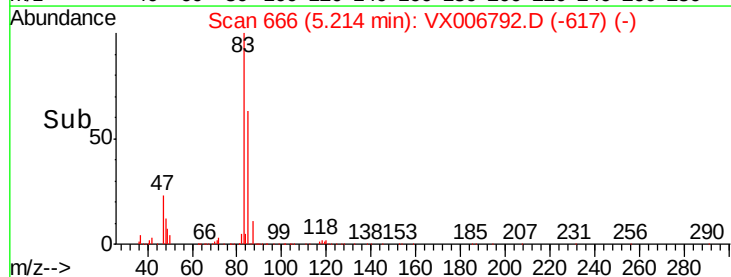
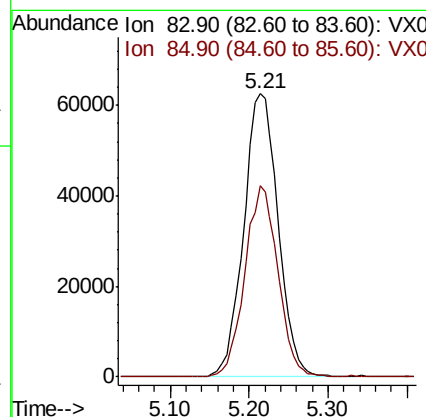
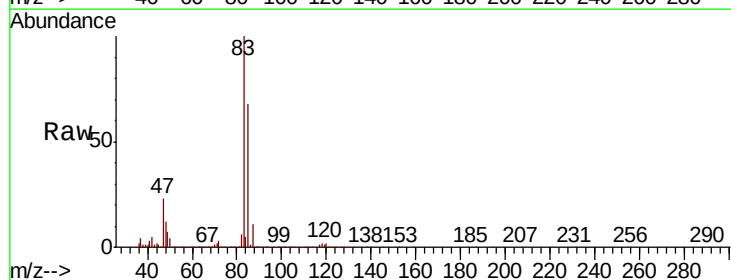
Manual Integrations
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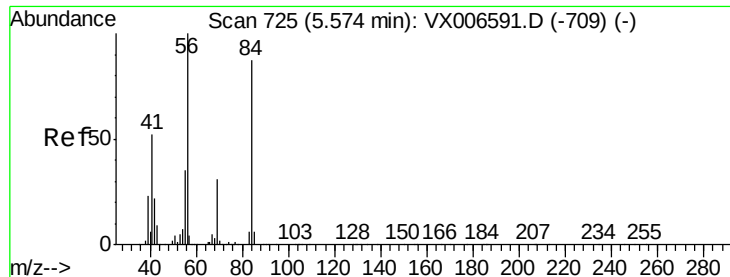
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#30
Chloroform
Concen: 19.832 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.2	76.8





#31

Cyclohexane

Concen: 19.052 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

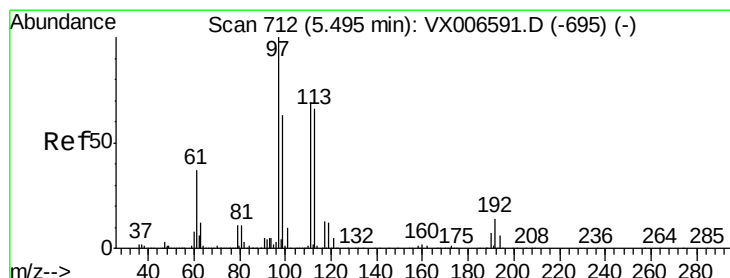
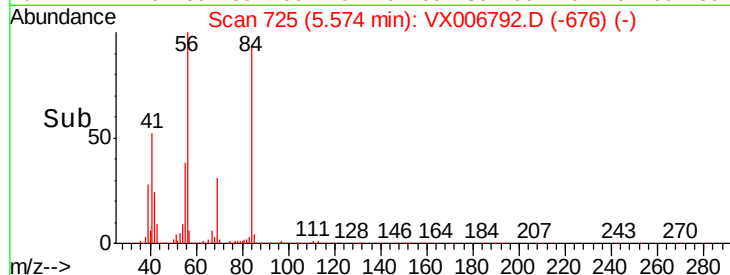
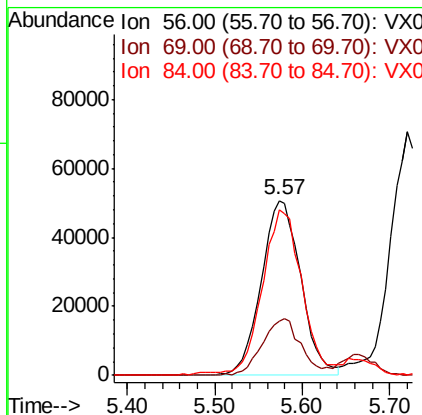
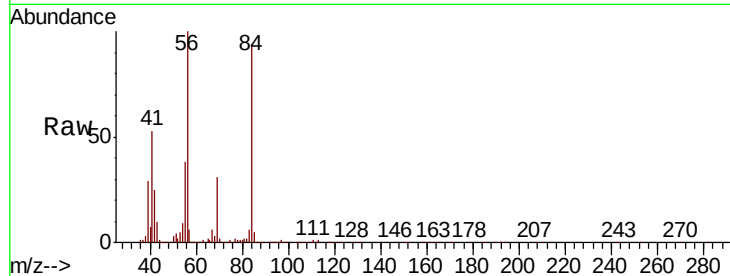
ClientSampleId :

VX1224WBSD01

Tot Ion:	56	Resp:	160050
Ion Ratio	Lower	Upper	
56	100		
69	30.4	24.4	36.6
84	93.9	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 19.171 ug/l

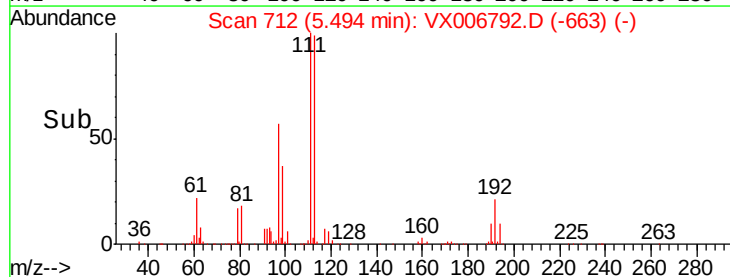
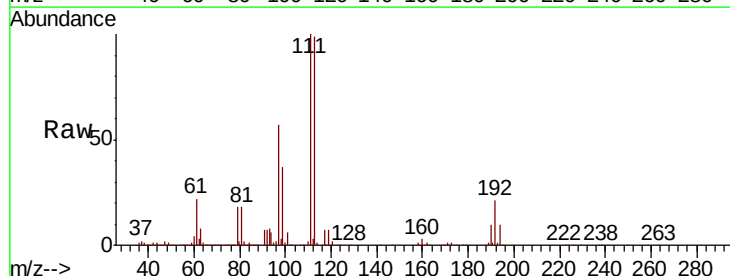
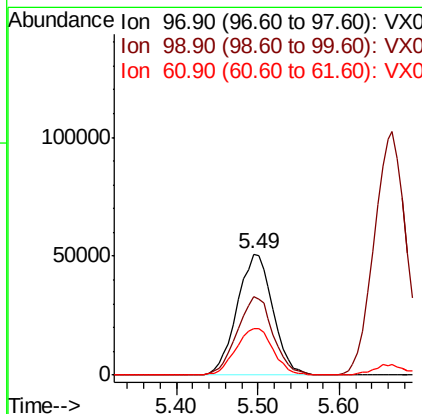
RT: 5.49 min Scan# 712

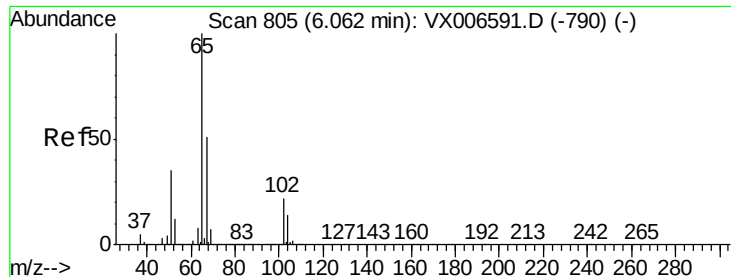
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	97	Resp:	155015
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.7	77.5
61	40.5	31.3	46.9





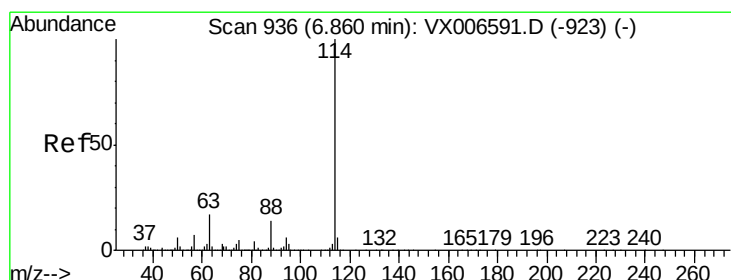
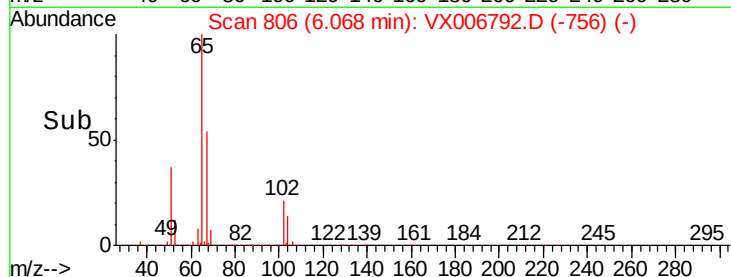
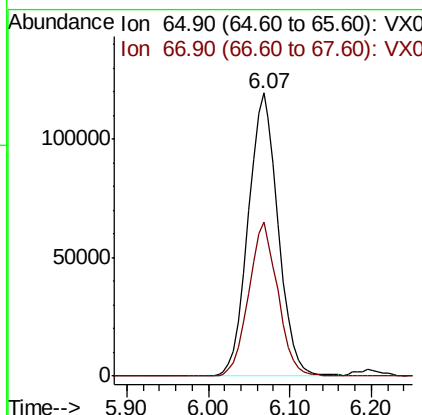
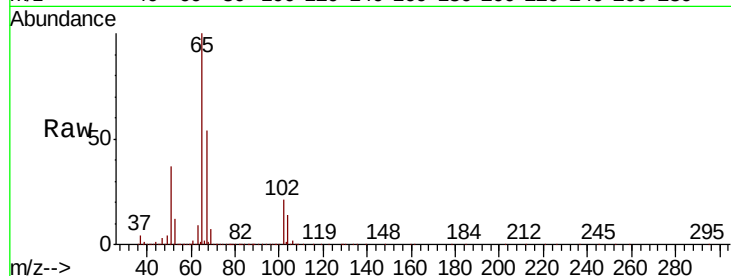
#33
 1,2-Dichloroethane-d4
 Concen: 50.393 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	305780		
67	52.8	0.0	105.0	

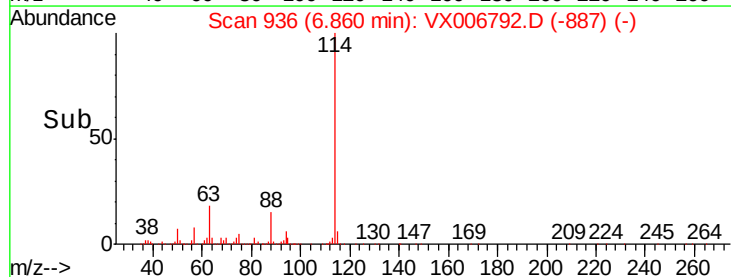
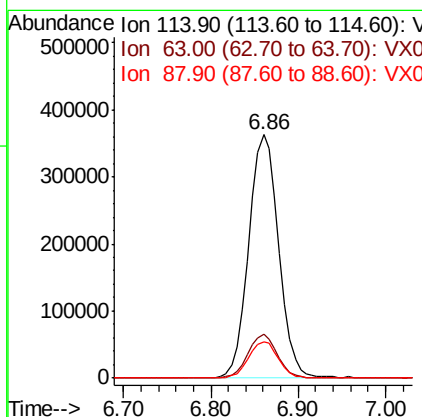
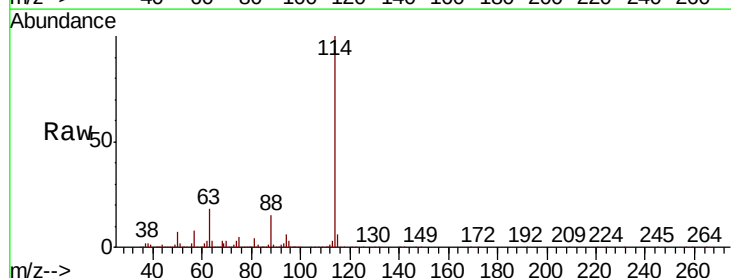
Manual Integrations
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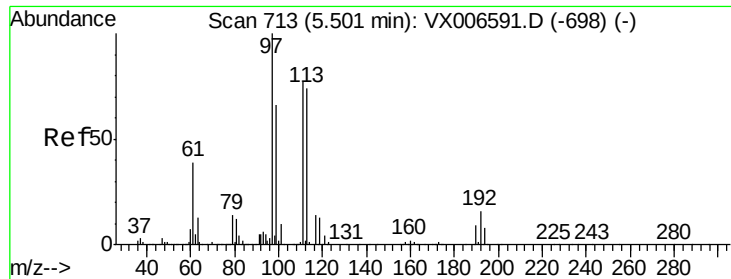
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	860125		
63	18.3	0.0	34.8	
88	14.9	0.0	28.8	





#35

Dibromofluoromethane

Concen: 50.126 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

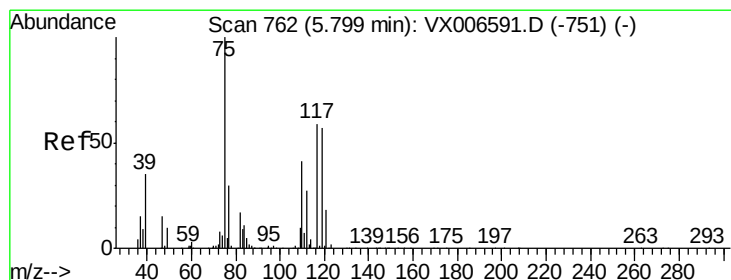
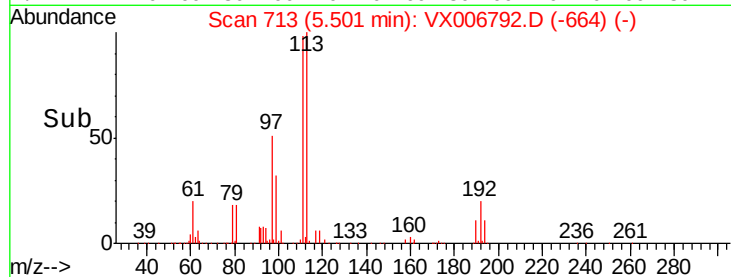
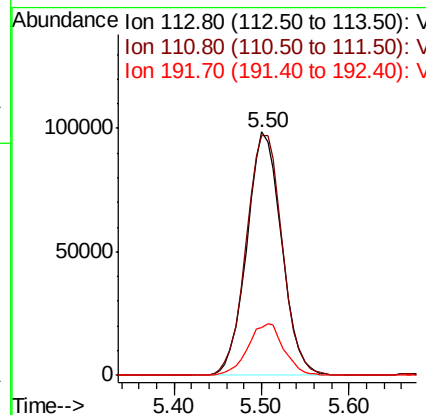
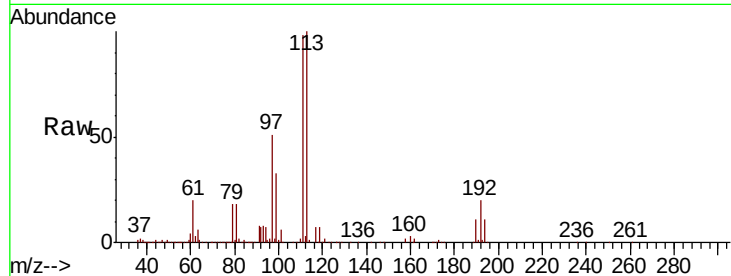
ClientSampleId :

VX1224WBSD01

Tot Ion:	113	Resp:	272651
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.6	122.4
192	21.9	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 19.718 ug/l

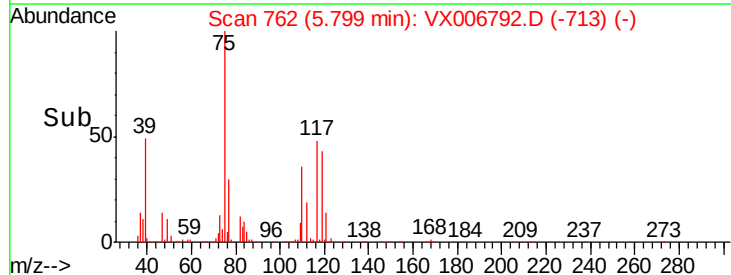
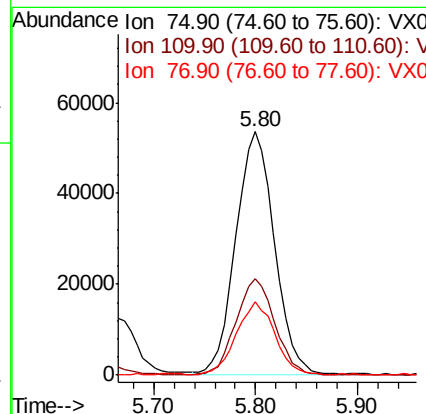
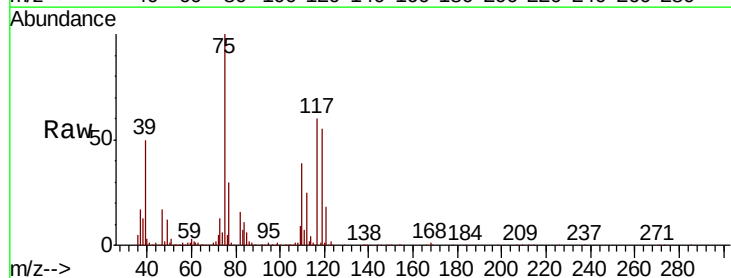
RT: 5.80 min Scan# 762

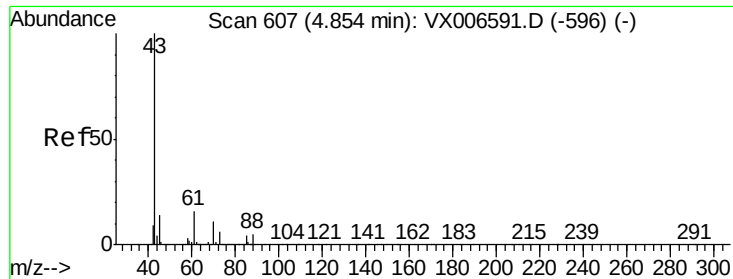
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	75	Resp:	140469
Ion Ratio	Lower	Upper	
75	100		
110	40.5	20.2	60.5
77	29.6	24.8	37.2





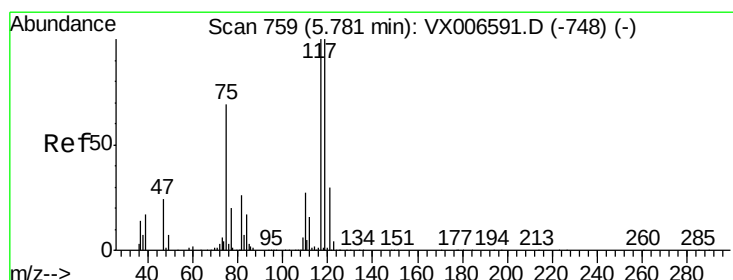
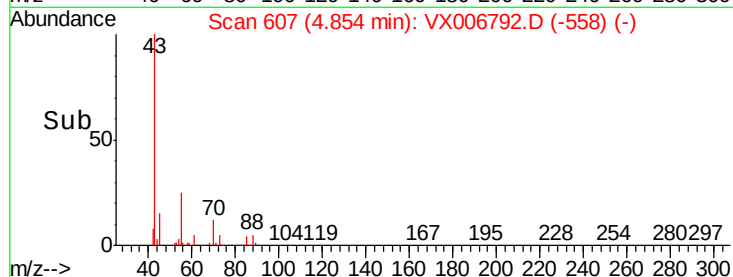
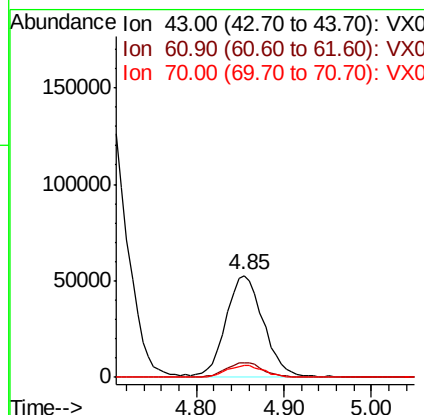
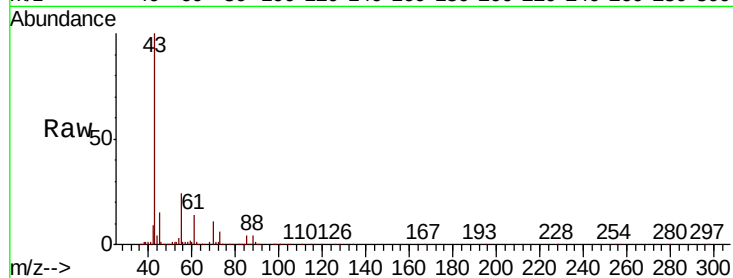
#37
Ethyl Acetate
Concen: 21.049 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion:	43	Resp:	156071
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.9	17.9
70	10.9	9.7	14.5

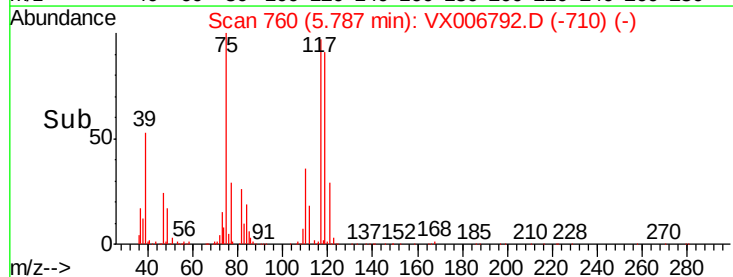
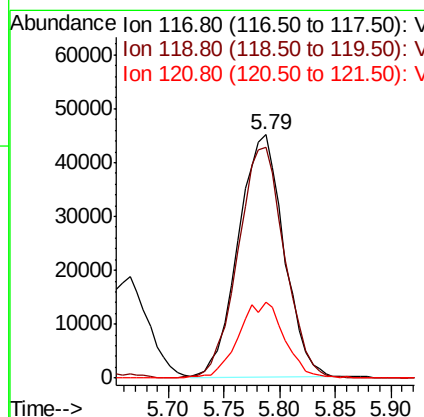
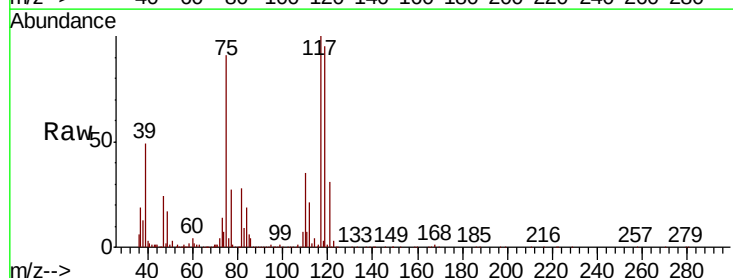
Manual Integrations
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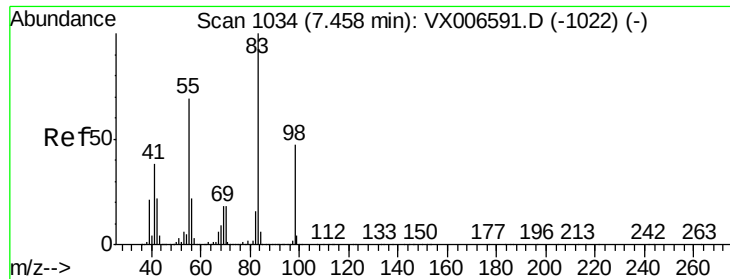
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#38
Carbon Tetrachloride
Concen: 18.489 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion:	117	Resp:	128007
Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.4	119.2
121	30.7	24.0	36.0





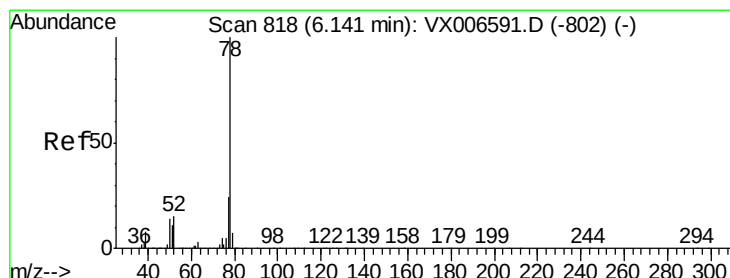
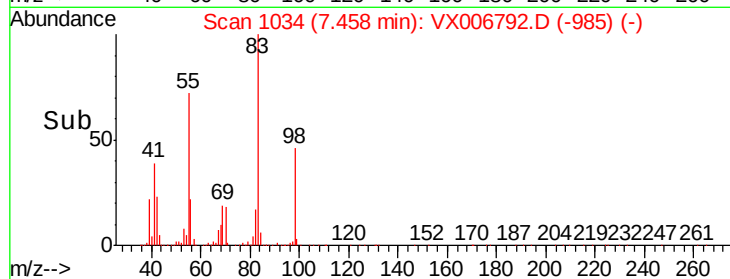
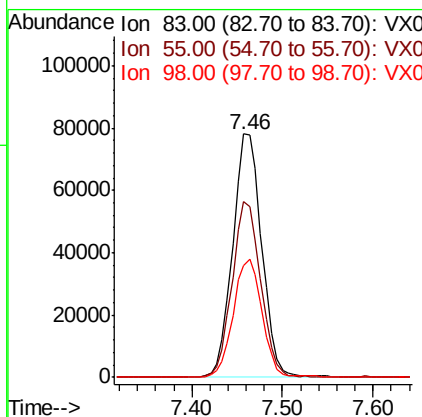
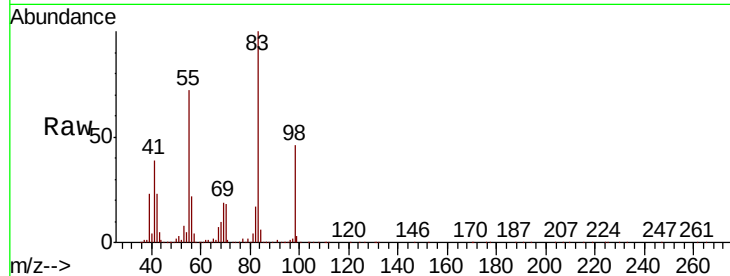
#39
Methylvlcyclohexane
Concen: 18.409 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	54.9	82.3
98	46.0	37.9	56.9

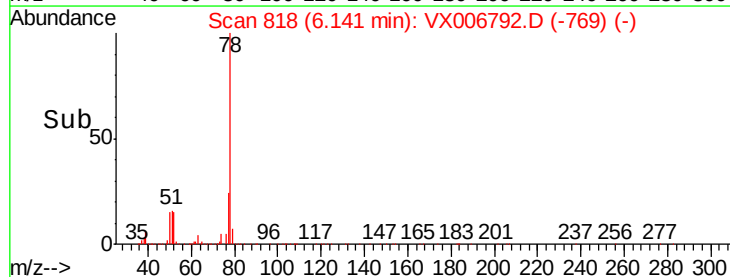
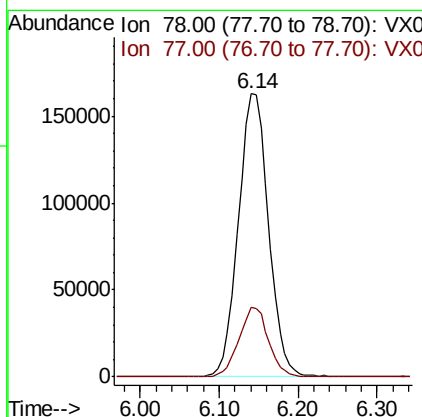
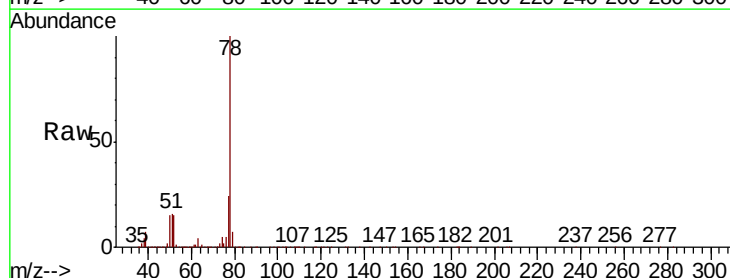
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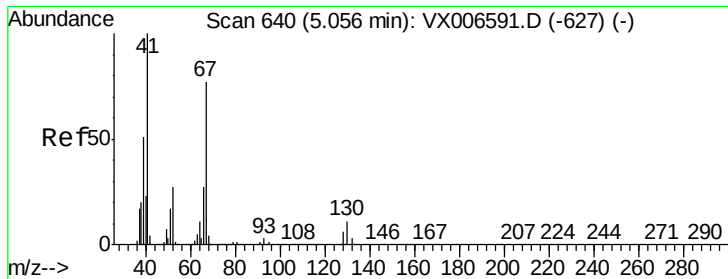
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#40
Benzene
Concen: 20.021 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





#41

Methacrylonitrile

Concen: 21.918 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

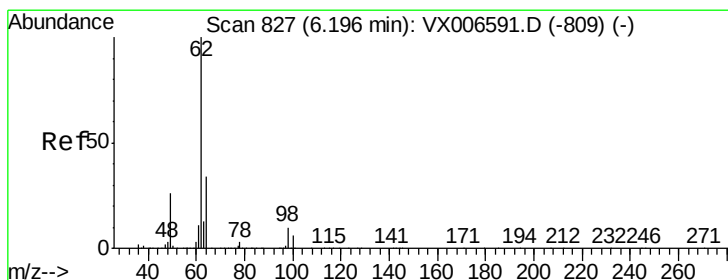
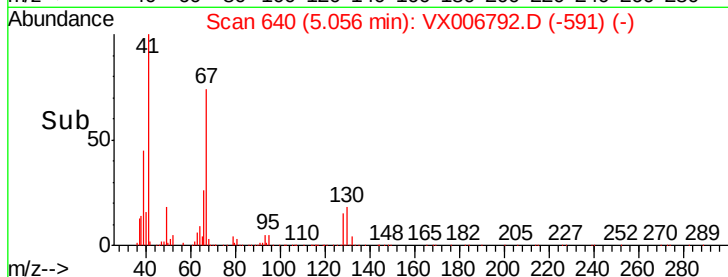
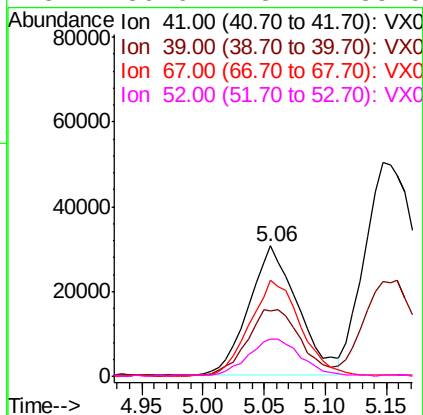
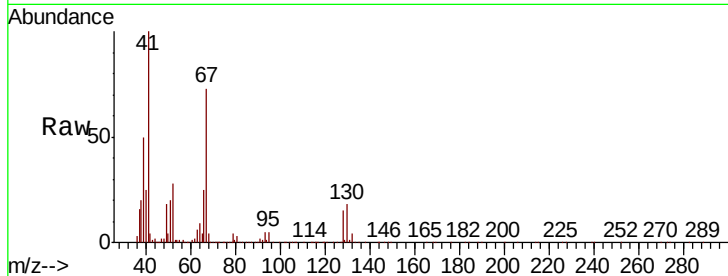
ClientSampleId :

VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.8	64.2
67	76.3	62.1	93.1
52	30.6	23.4	35.0

Manual Integrations
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12/26/2018 9:57:28 AM



#42

1,2-Dichloroethane

Concen: 20.121 ug/l

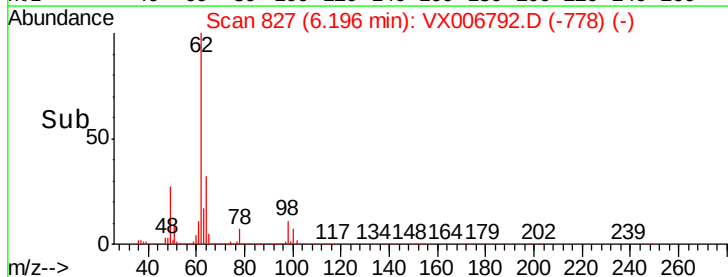
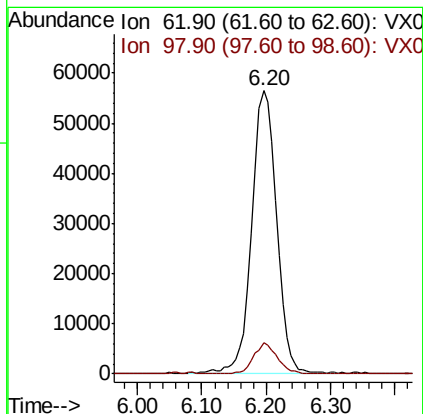
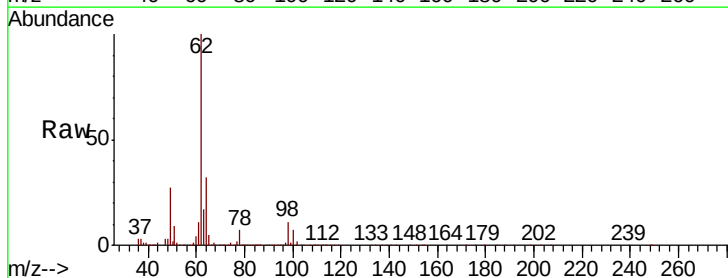
RT: 6.20 min Scan# 827

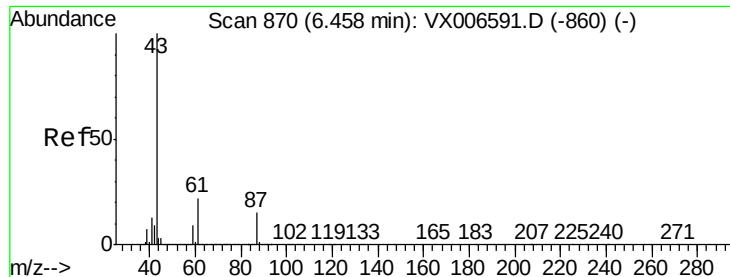
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.676 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

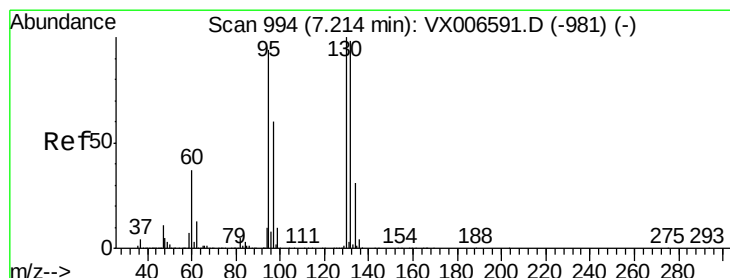
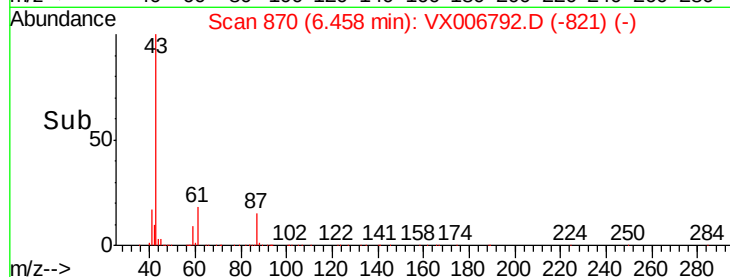
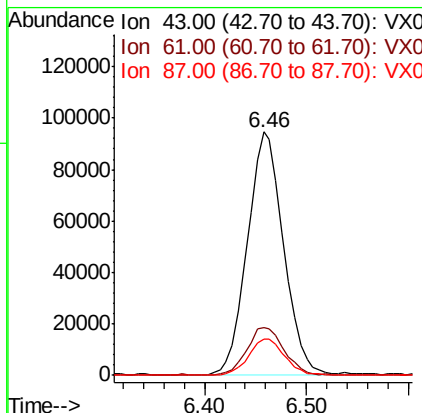
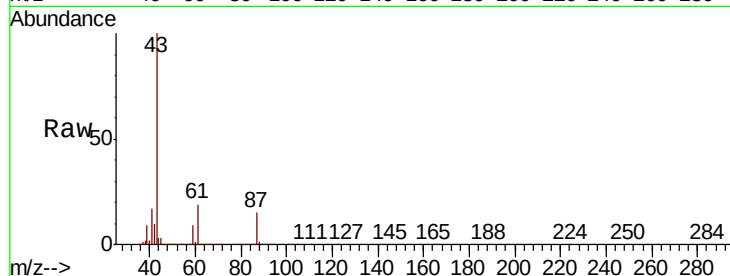
ClientSampleId :

VX1224WBSD01

Tot Ion:	43	Resp:	233264
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.8	25.2
87	15.2	12.4	18.6

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#44

Trichloroethene

Concen: 19.147 ug/l

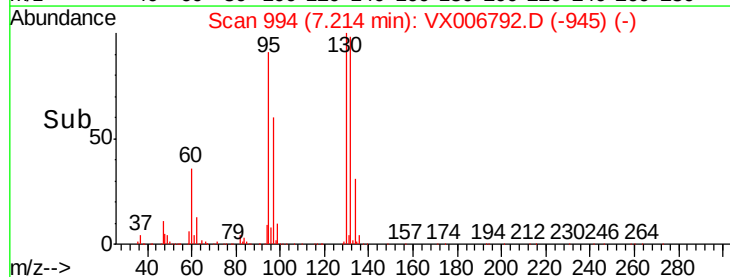
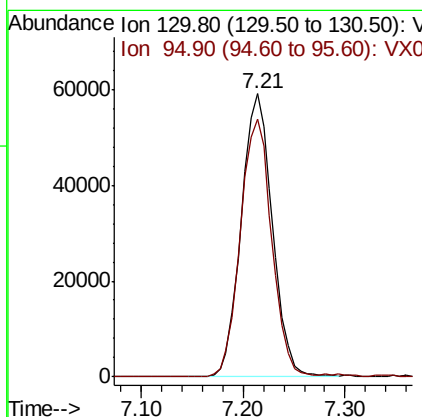
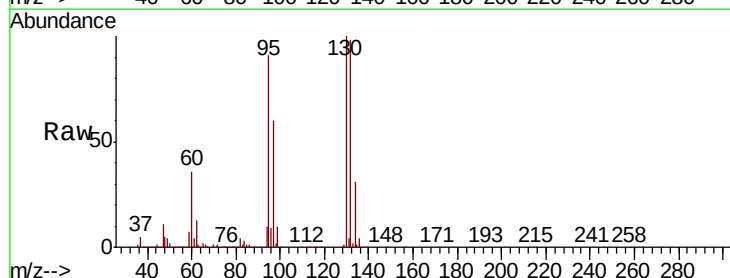
RT: 7.21 min Scan# 994

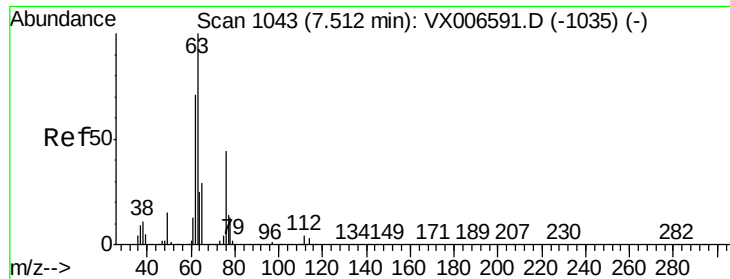
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	130	Resp:	125488
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	187.0





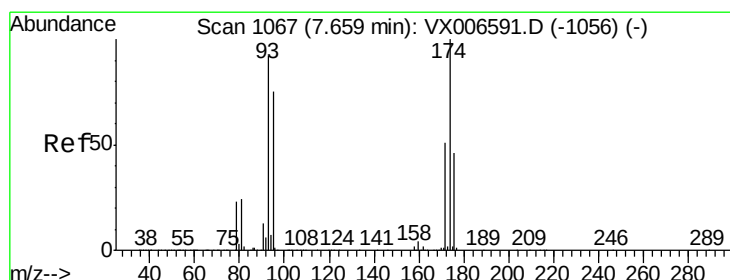
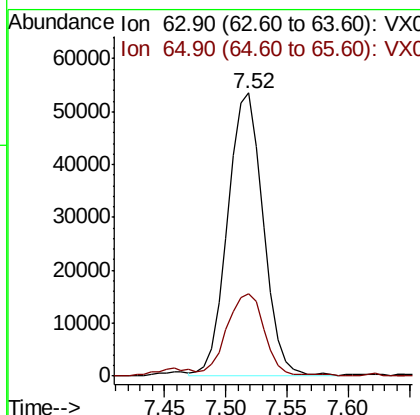
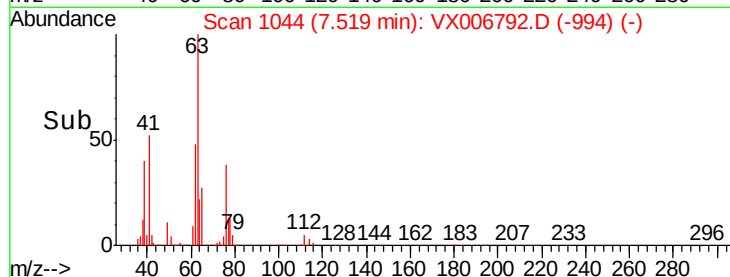
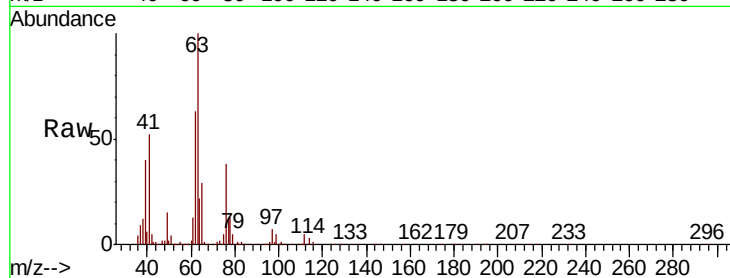
#45
 1,2-Dichloropropane
 Concen: 20.238 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion: 63 Resp: 106646
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.4 38.0

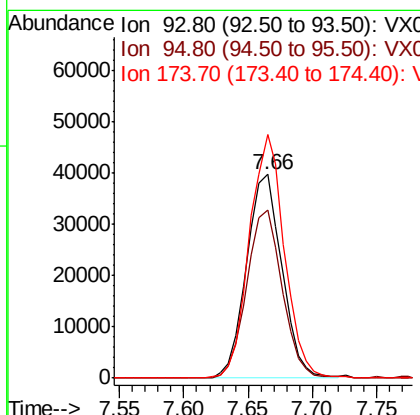
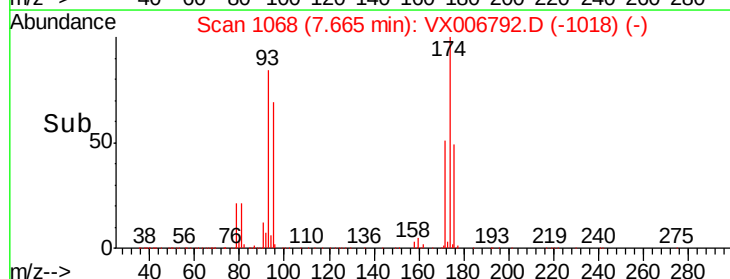
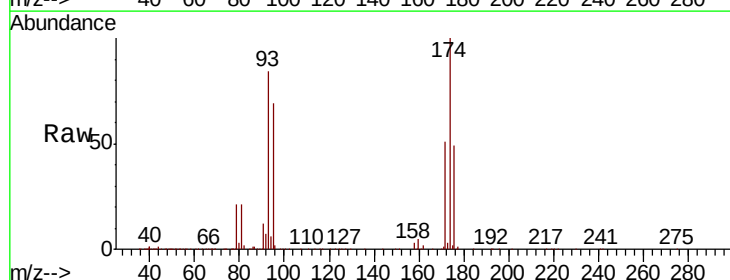
Manual Integrations
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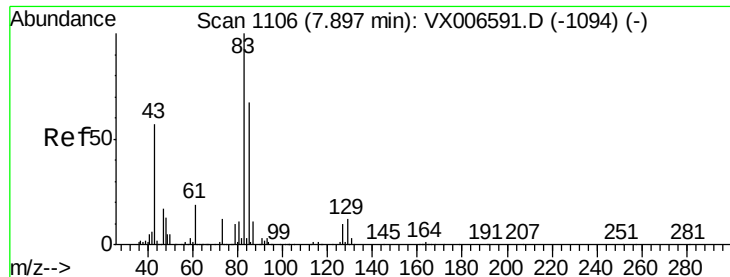
MMDadoda
 12/26/2018 9:57:28 AM



#46
 Dibromomethane
 Concen: 19.408 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion: 93 Resp: 75225
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 117.9 91.0 136.4





#47

Bromodichloromethane

Concen: 19.019 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

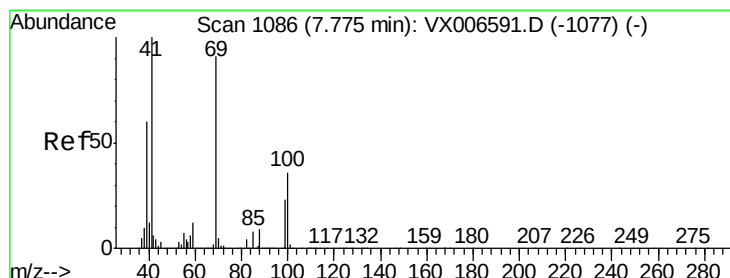
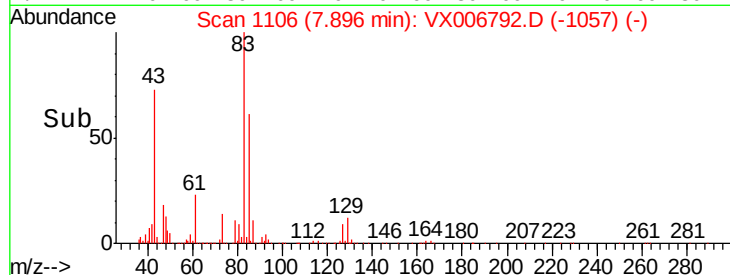
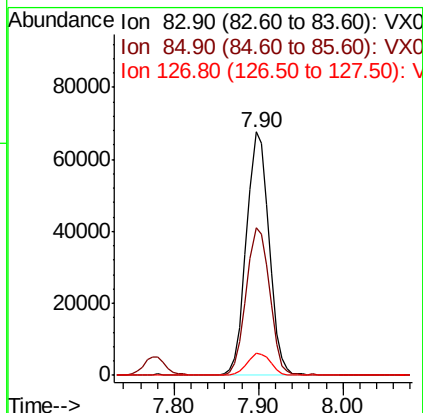
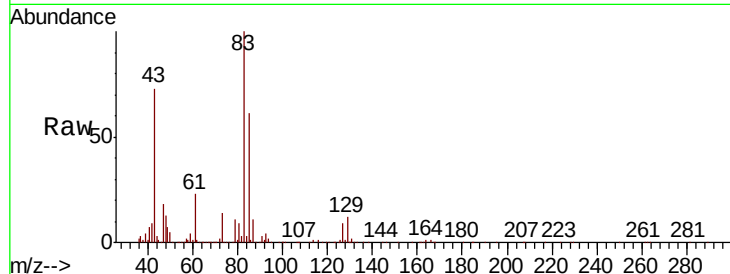
ClientSampleId :

VX1224WBSD01

Tot Ion:	83	Resp:	122389
Ion	Ratio	Lower	Upper
83	100		
85	60.5	53.2	79.8
127	9.2	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.714 ug/l

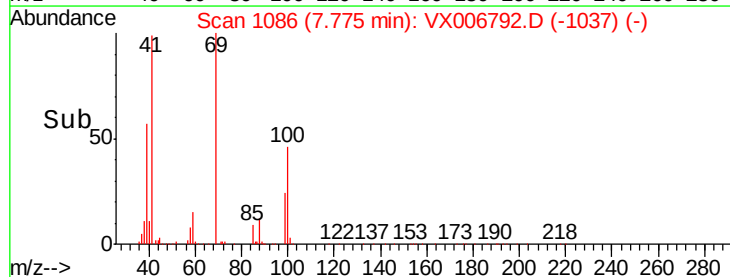
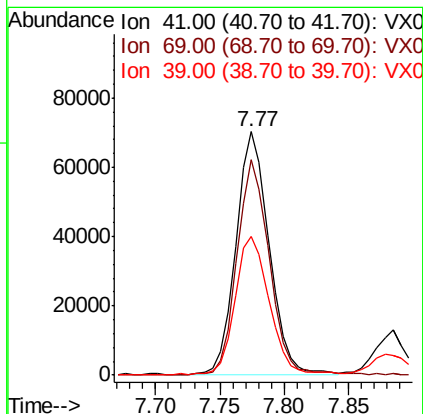
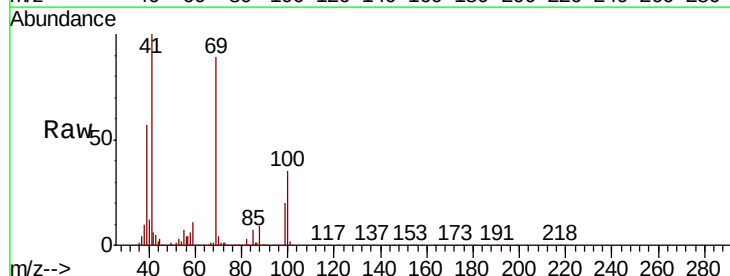
RT: 7.77 min Scan# 1086

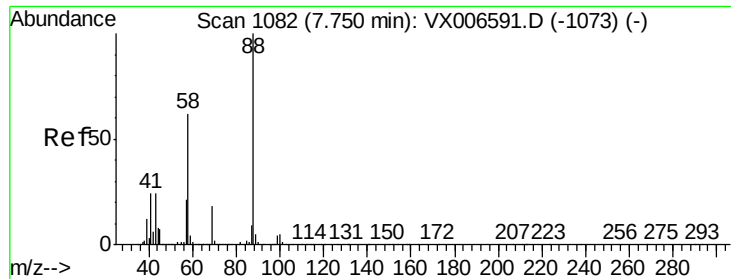
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	41	Resp:	124577
Ion	Ratio	Lower	Upper
41	100		
69	87.2	72.4	108.6
39	58.4	45.8	68.8





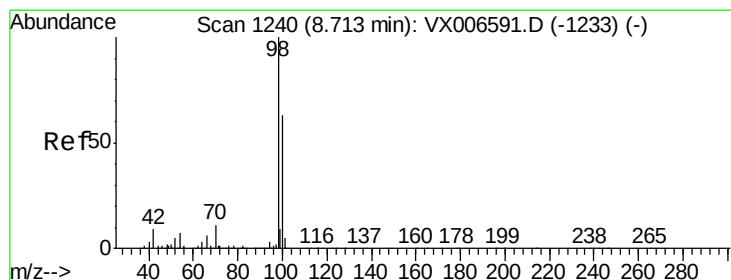
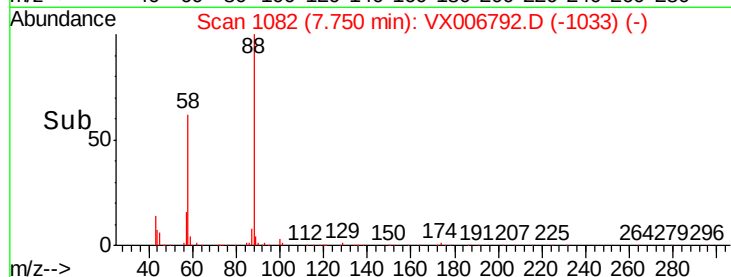
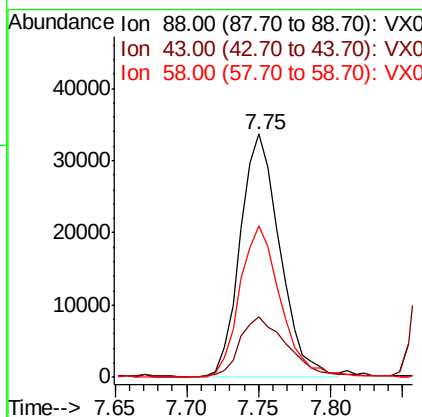
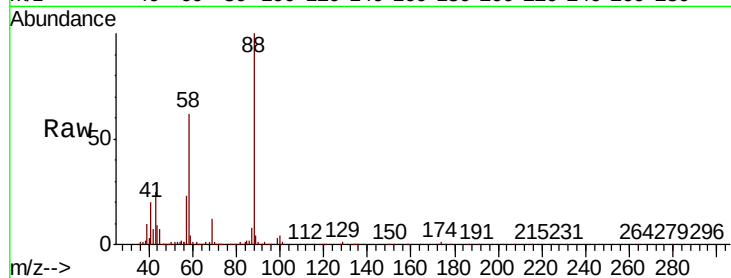
#49
1,4-Dioxane
Concen: 417.814 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.2	33.4
58	64.8	51.0	76.4

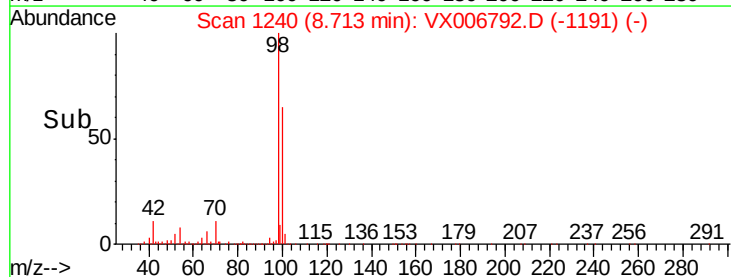
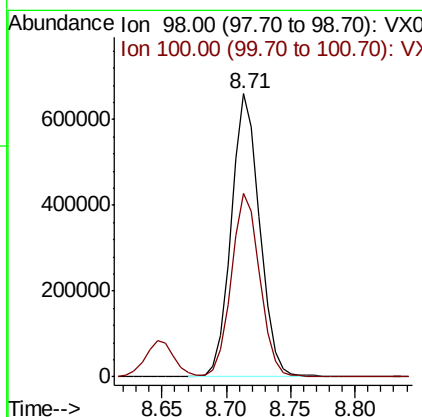
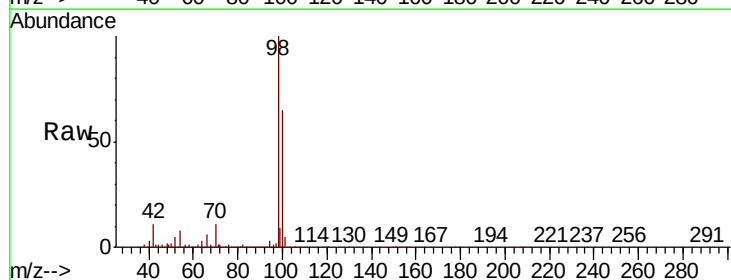
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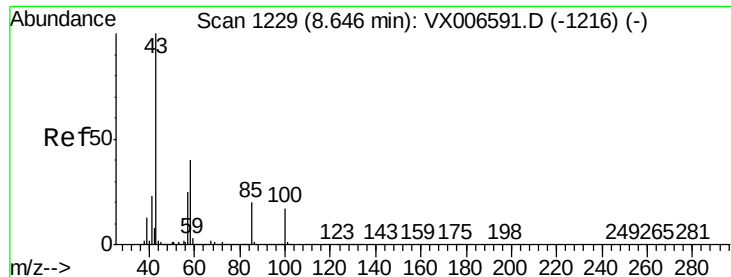
MMDadoda
12/26/2018 9:57:28 AM



#50
Toluene-d8
Concen: 49.360 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 112.238 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 43 Resp: 805660

Ion Ratio Lower Upper

43 100

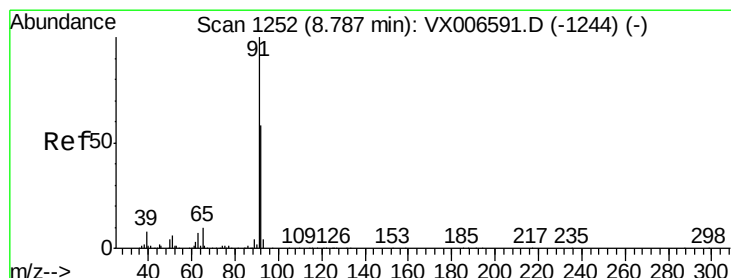
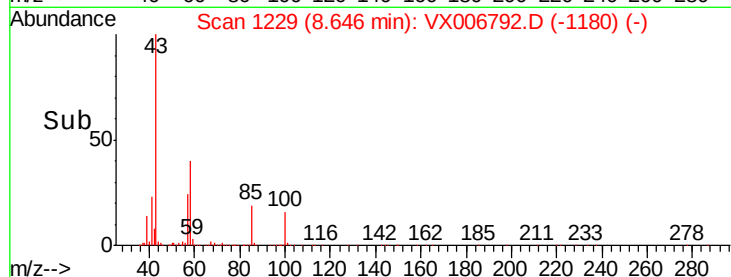
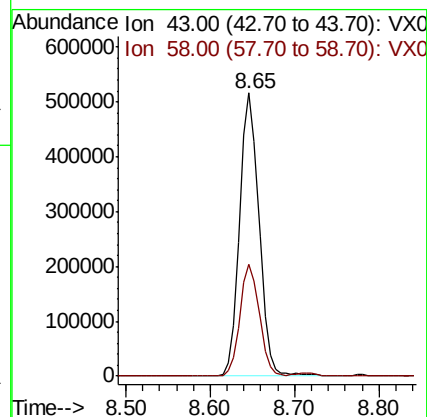
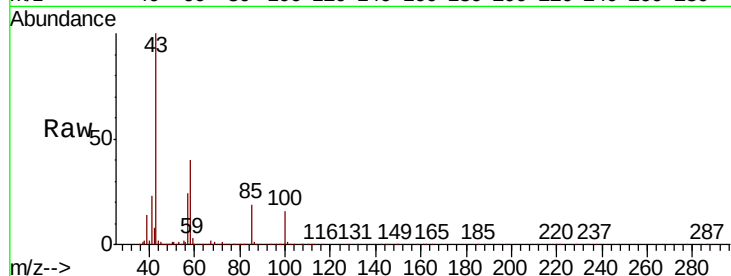
58 38.9 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 20.302 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006792.D

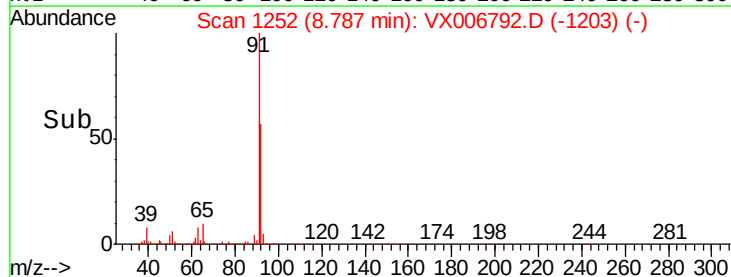
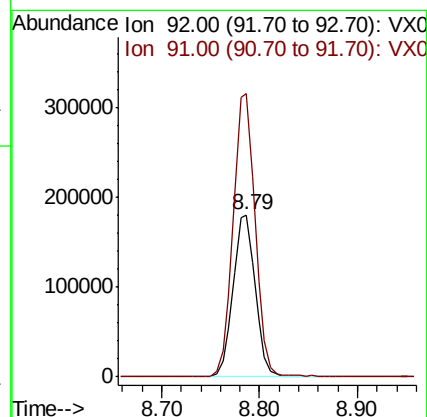
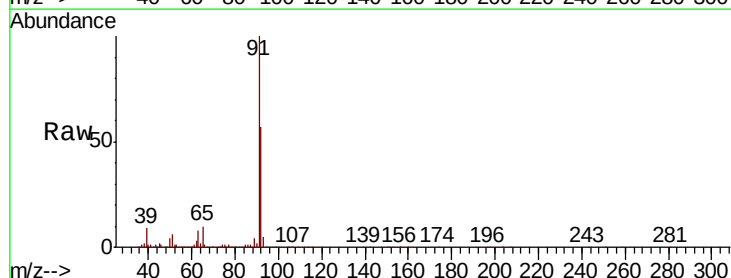
Acq: 24 Dec 2018 13:58

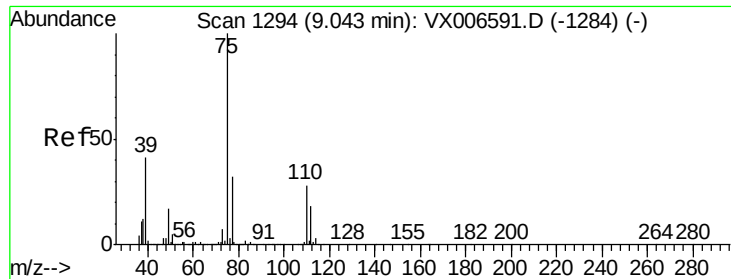
Tgt Ion: 92 Resp: 284017

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.017 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 75 Resp: 124347

Ion Ratio Lower Upper

75 100

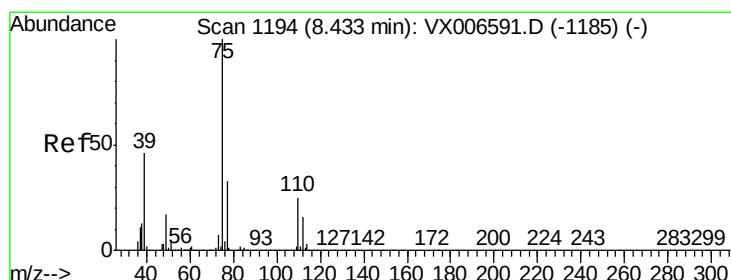
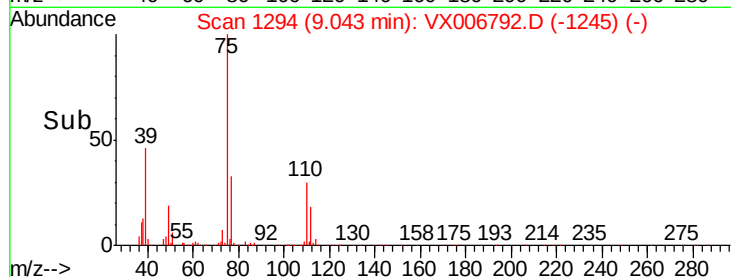
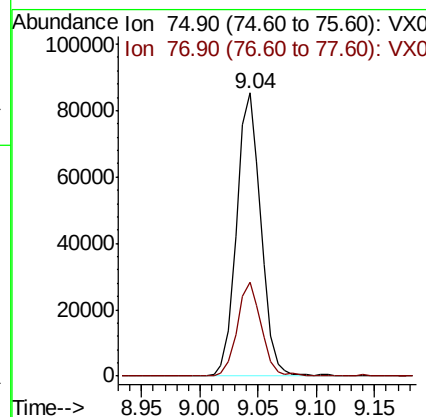
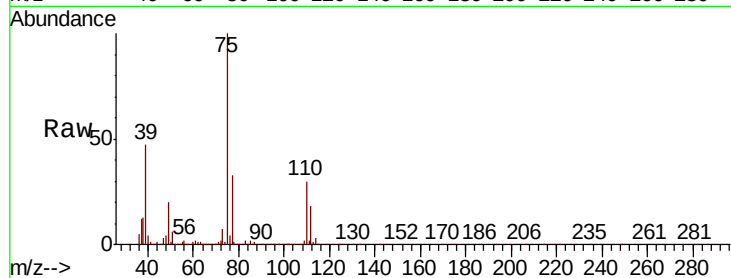
77 33.0 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 19.317 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

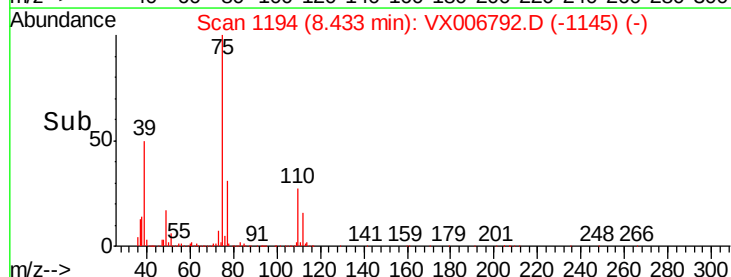
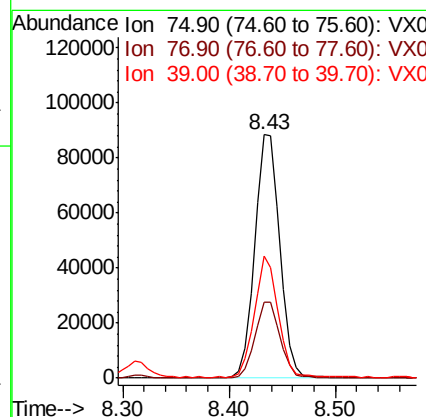
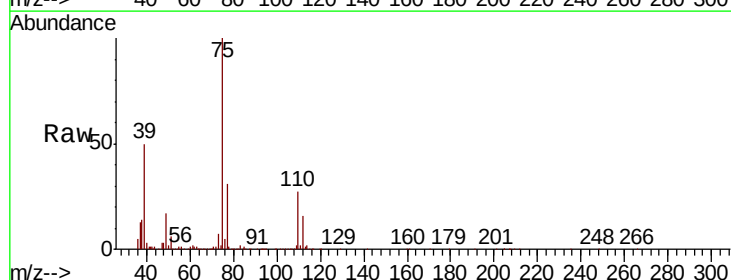
Tgt Ion: 75 Resp: 146280

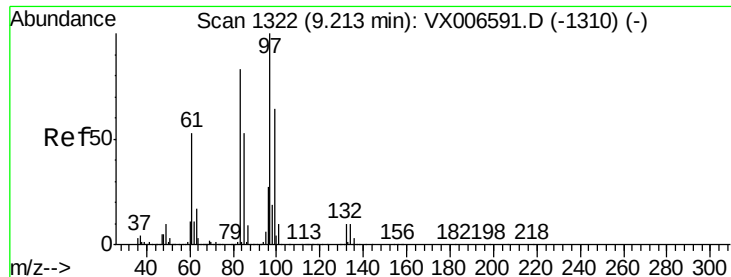
Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 49.8 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.637 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

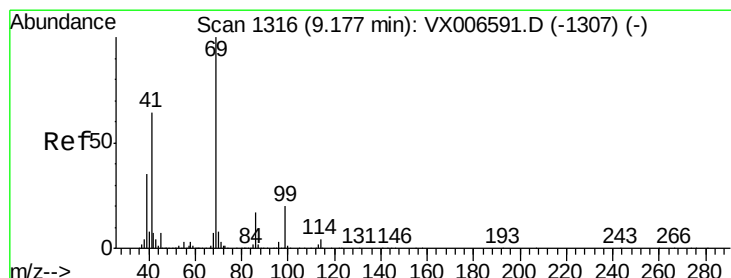
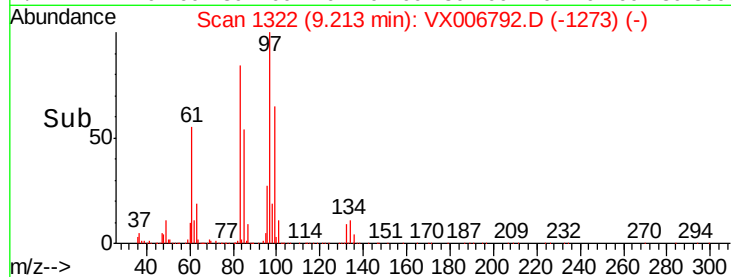
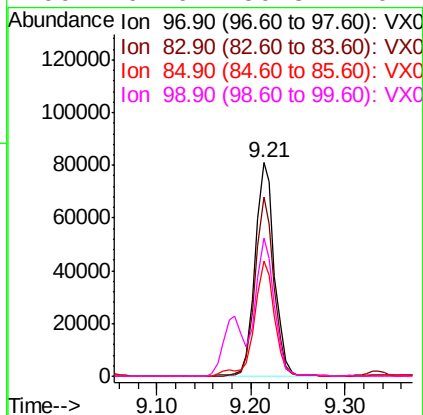
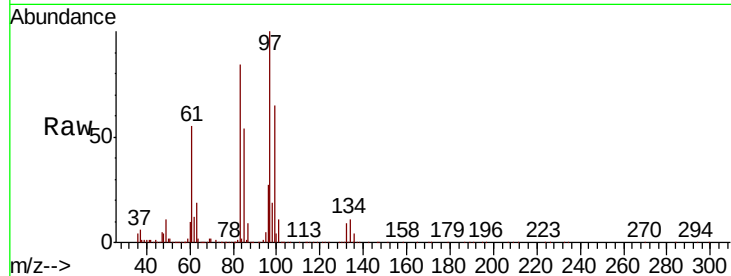
ClientSampleId :

VX1224WBSD01

Tot Ion:	97	Resp:	118171
Ion Ratio	Lower	Upper	
97	100		
83	83.8	66.6	99.8
85	54.1	42.7	64.1
99	64.6	50.8	76.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 21.229 ug/l

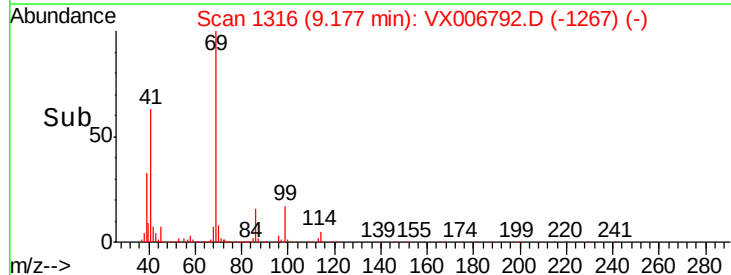
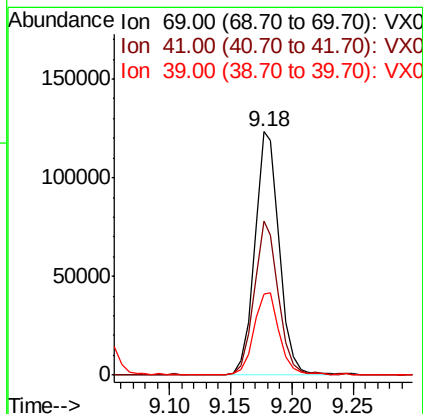
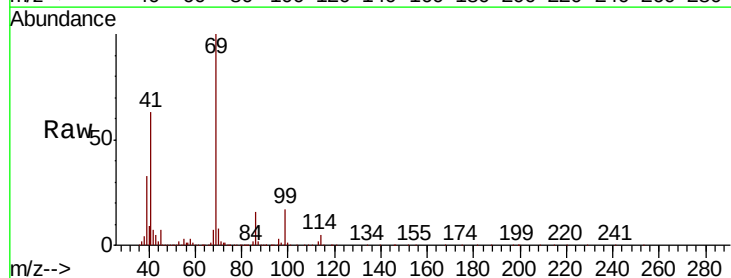
RT: 9.18 min Scan# 1316

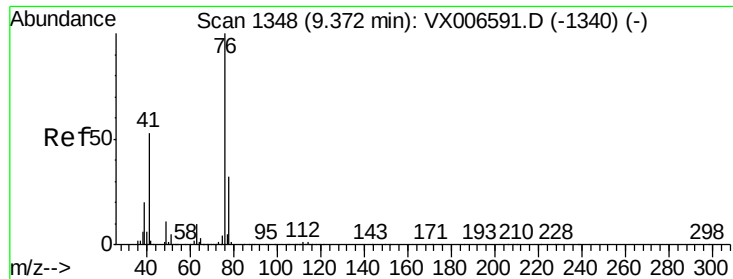
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	69	Resp:	171809
Ion Ratio	Lower	Upper	
69	100		
41	62.5	48.7	73.1
39	34.6	27.0	40.6





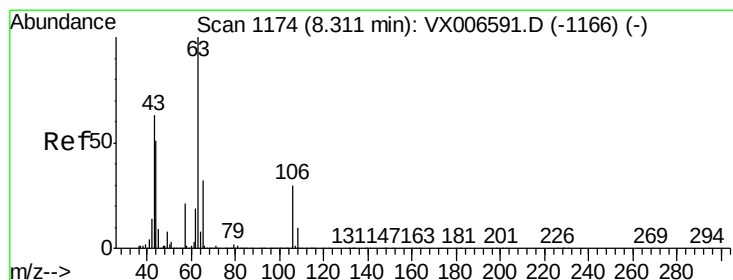
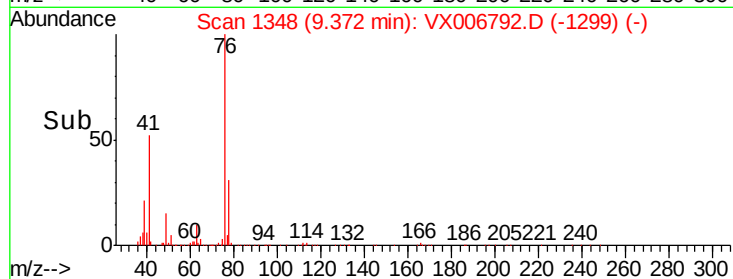
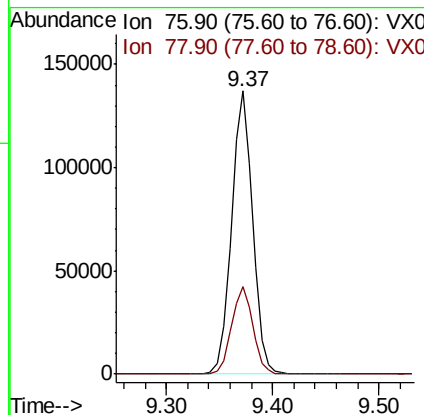
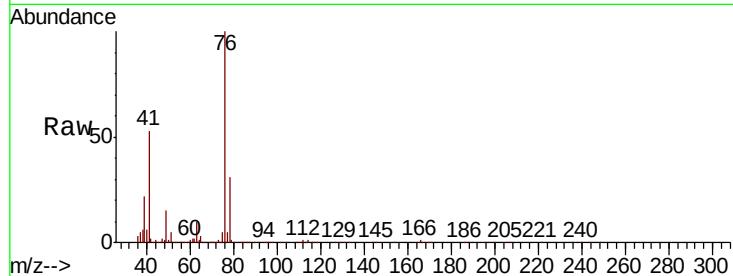
#57
 1,3-Dichloropropane
 Concen: 20.704 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.0	39.0

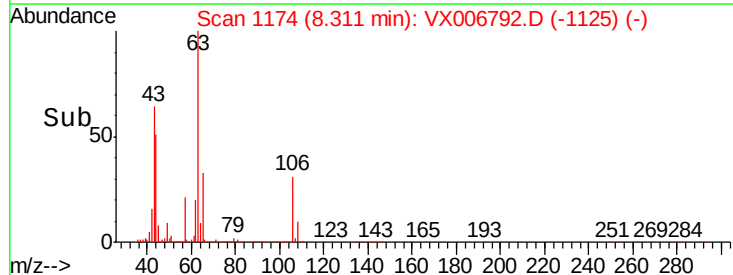
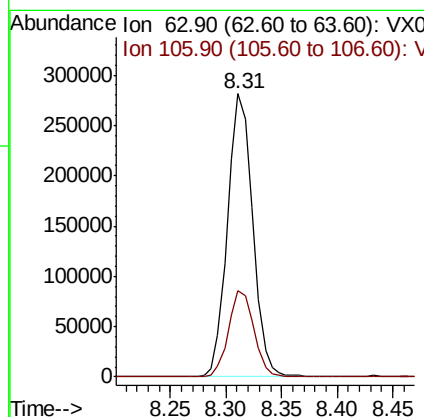
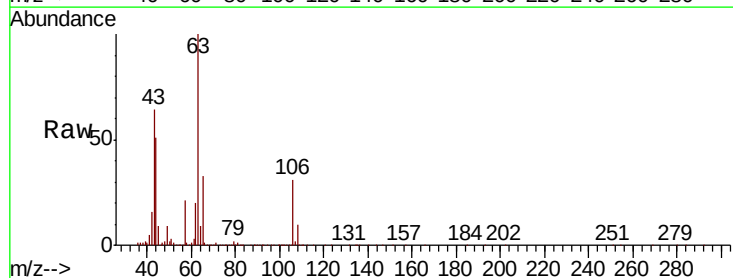
Manual Integrations
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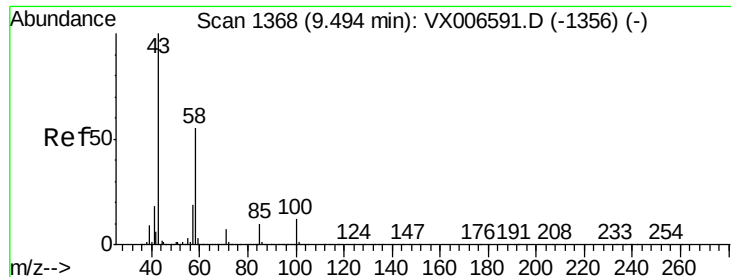
MMDadoda
 12/26/2018 9:57:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.561 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	24.6	36.8





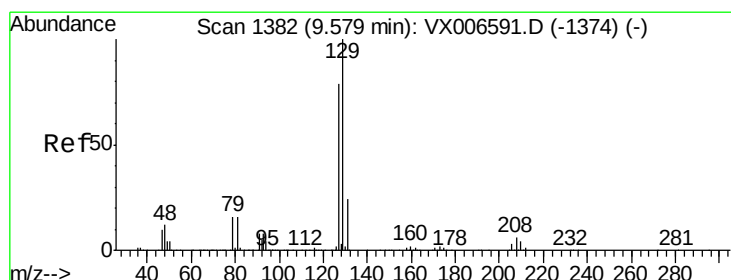
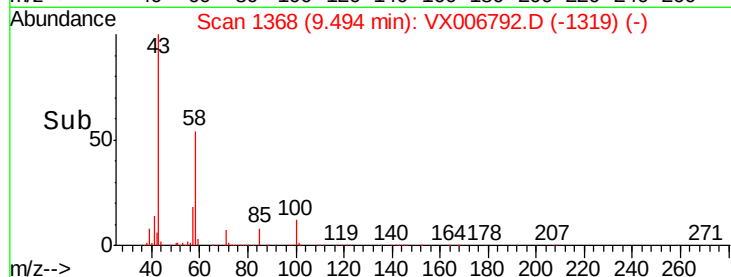
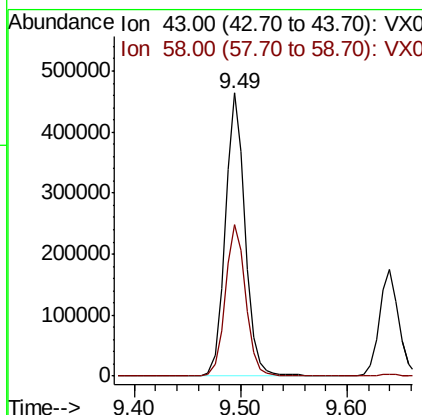
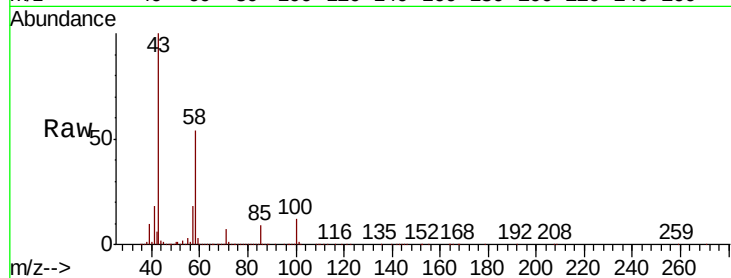
#59
2-Hexanone
Concen: 109.170 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.7	83.1

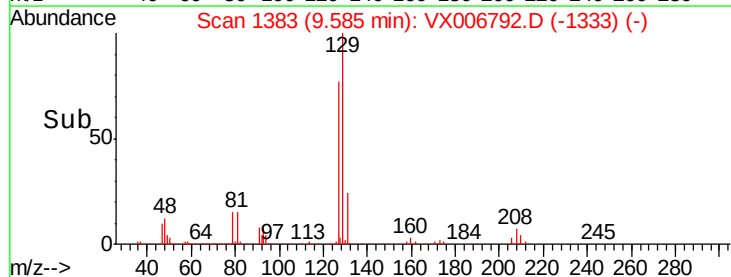
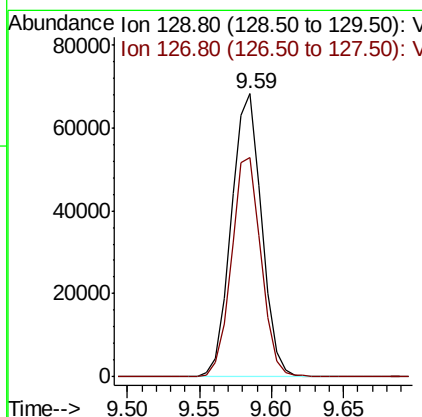
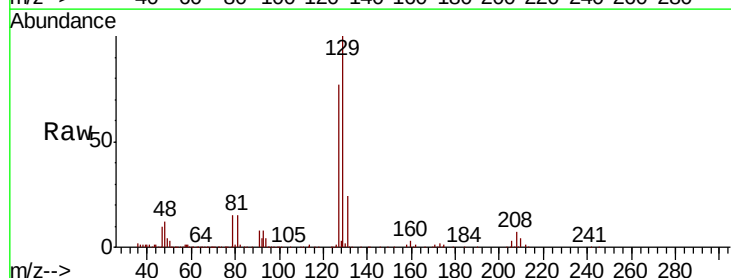
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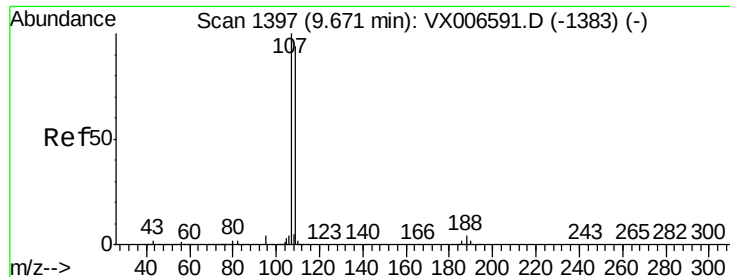
MMDadoda
12/26/2018 9:57:28 AM



#60
Dibromochloromethane
Concen: 18.323 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.7	39.3	117.8





#61

1,2-Dibromoethane

Concen: 20.653 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 107 Resp: 125713

Ion Ratio Lower Upper

107 100

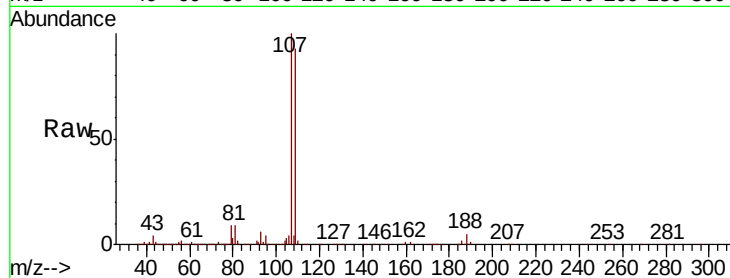
109 94.6 75.8 113.6

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

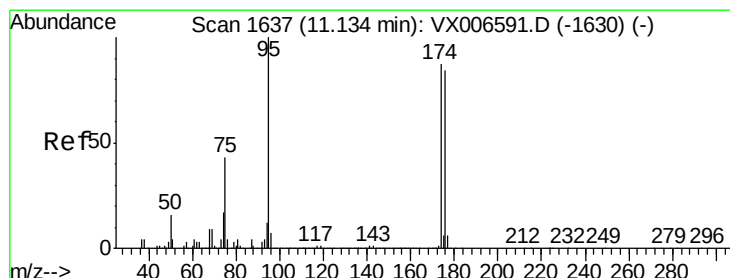
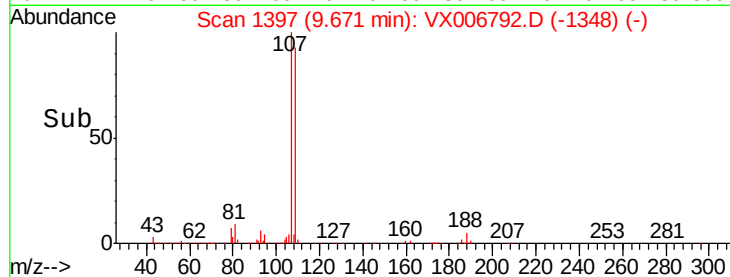
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.817 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

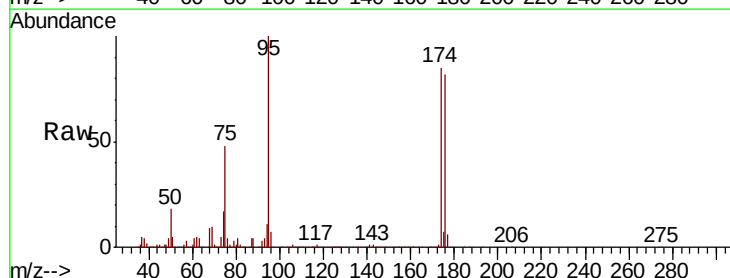
Tgt Ion: 95 Resp: 374136

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

176 89.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

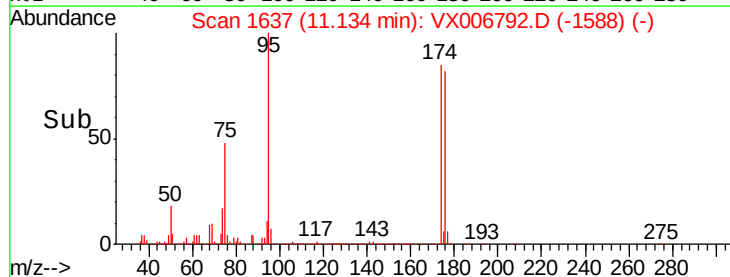
300000

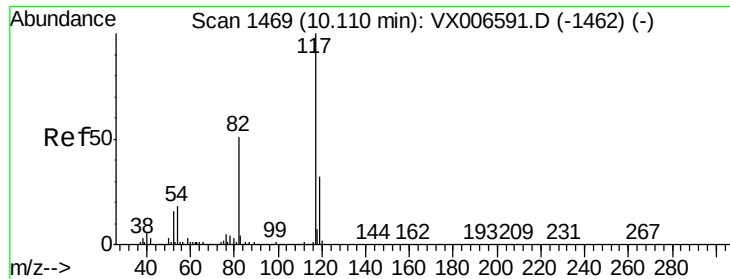
200000

100000

0

Time-->





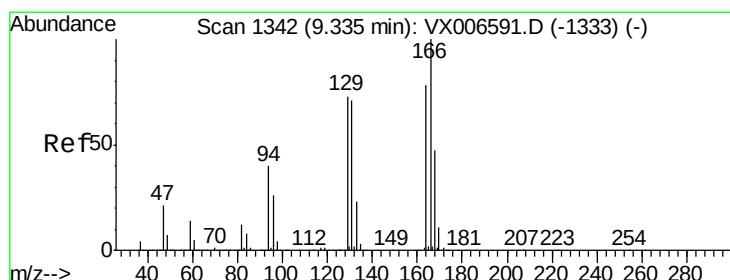
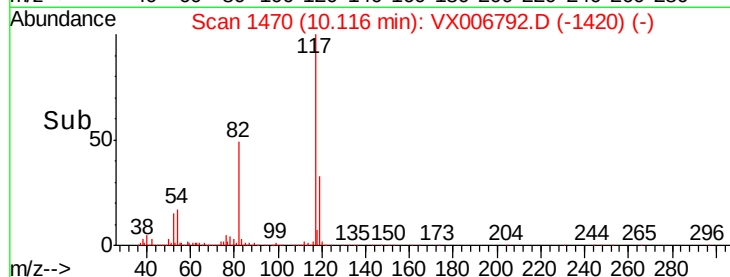
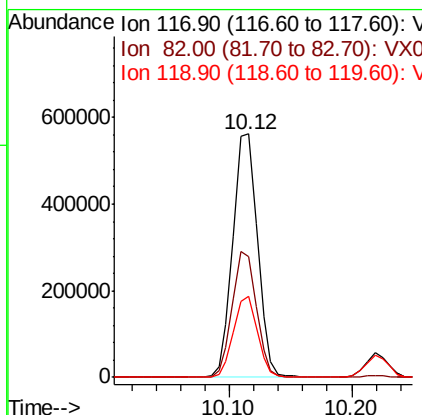
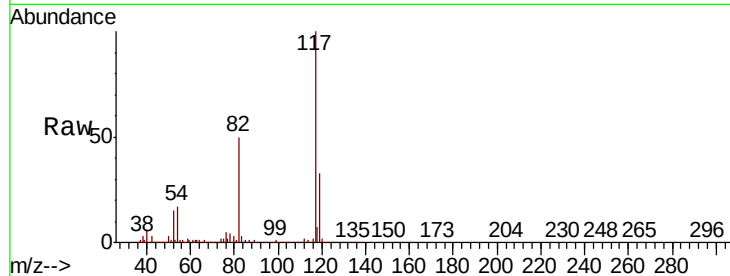
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	785877		
82	49.5		41.0	61.6
119	33.1		25.4	38.0

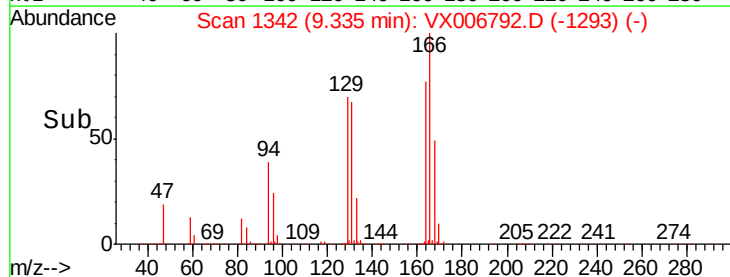
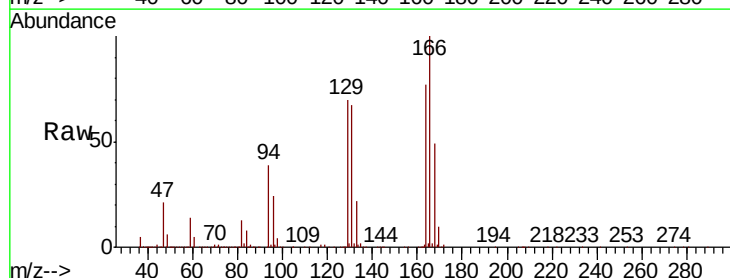
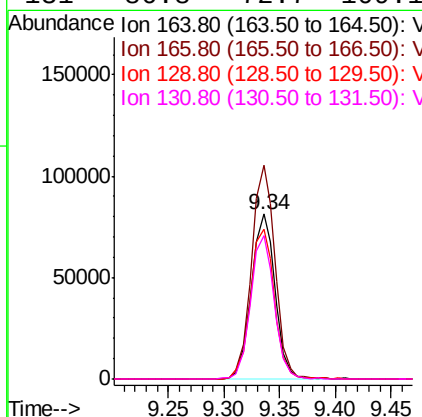
Manual Integrations
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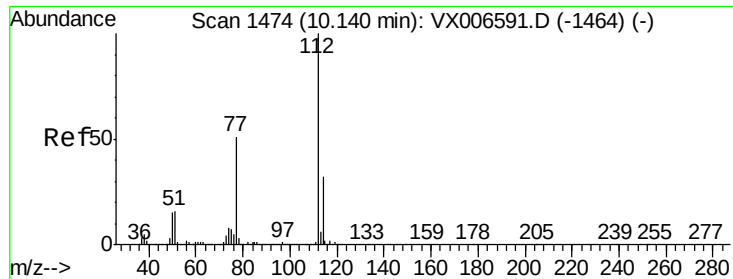
MMDadoda
12/26/2018 9:57:28 AM



#64
Tetrachloroethene
Concen: 19.400 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	120728		
166	129.3		102.5	153.7
129	91.0		75.1	112.7
131	86.8		72.7	109.1





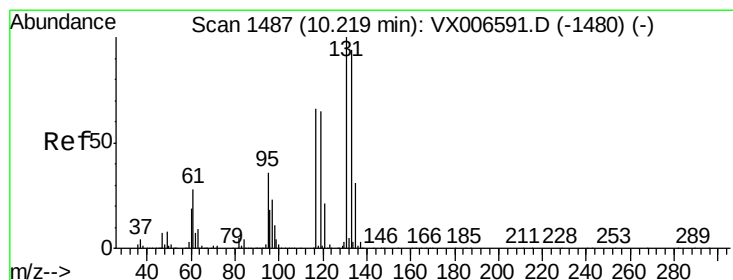
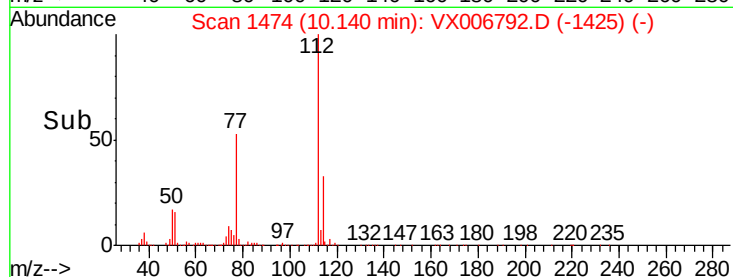
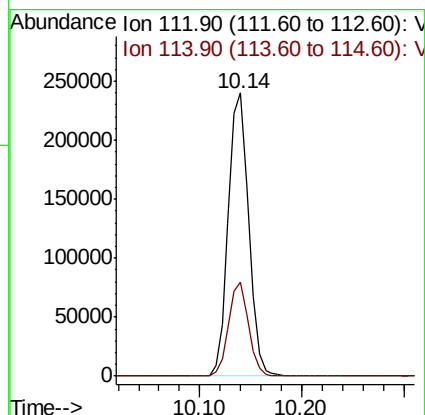
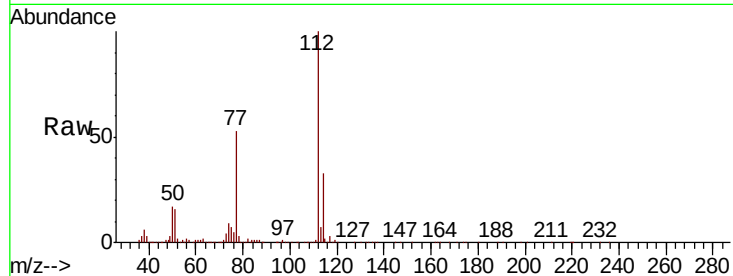
#65
Chlorobenzene
Concen: 19.960 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion:112 Resp: 331859
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

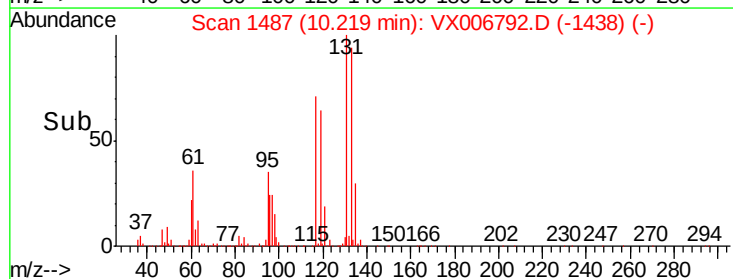
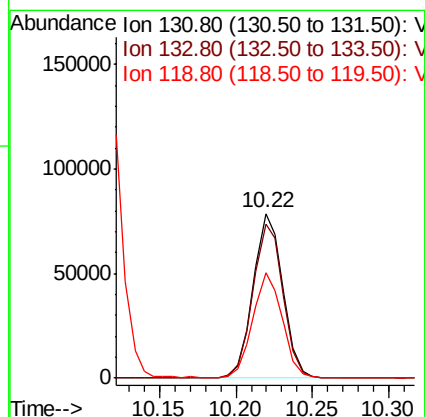
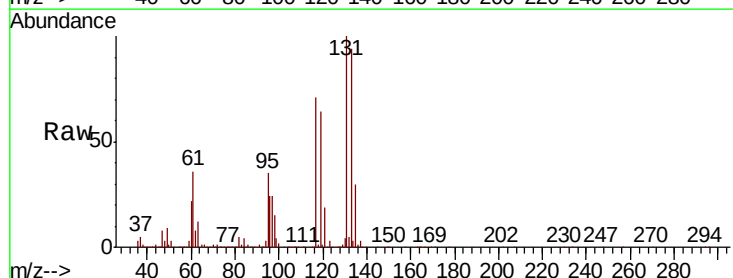
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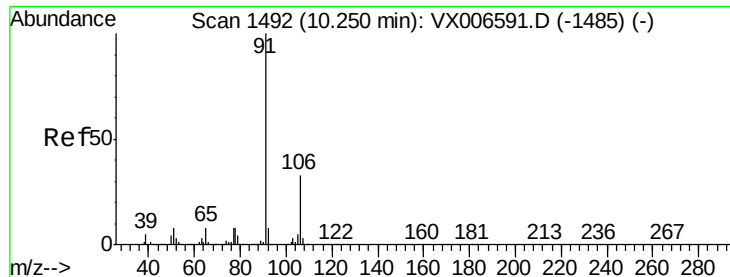
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.453 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion:131 Resp: 106096
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 63.7 32.6 97.8





#67

Ethyl Benzene

Concen: 20.023 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 91 Resp: 543988

Ion Ratio Lower Upper

91 100

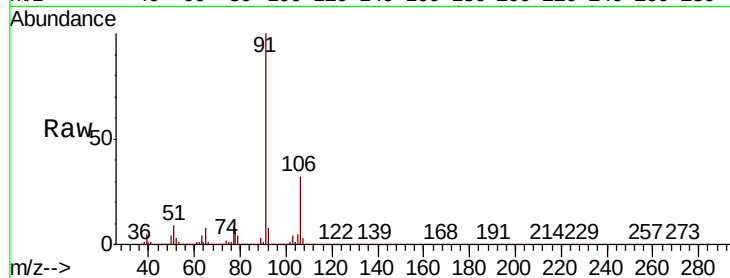
106 31.9 26.4 39.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006591.D (-1485) (-)

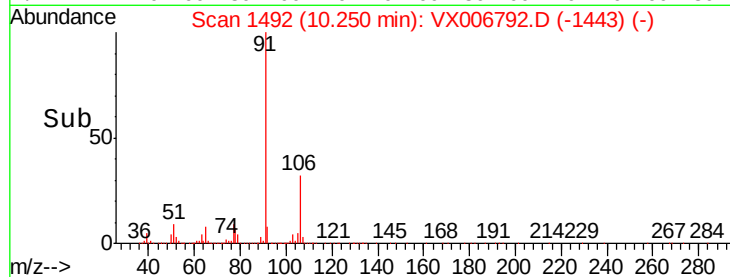
600000

400000

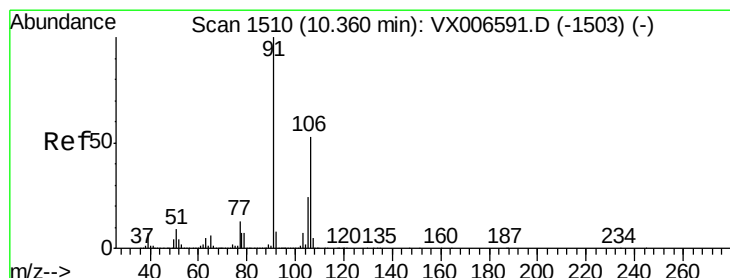
200000

0

10.20 10.25 10.30



Time-->



#68

m/p-Xylenes

Concen: 39.993 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006792.D

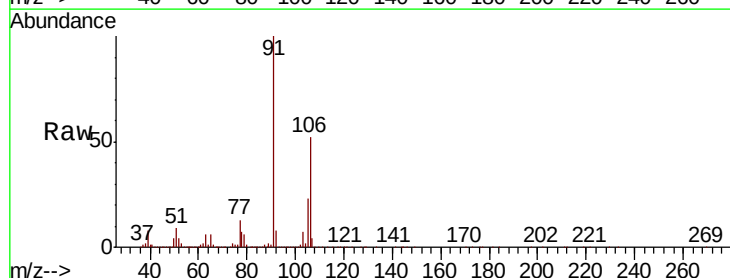
Acq: 24 Dec 2018 13:58

Tgt Ion: 106 Resp: 428743

Ion Ratio Lower Upper

106 100

91 194.3 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX006591.D (-1503) (-)

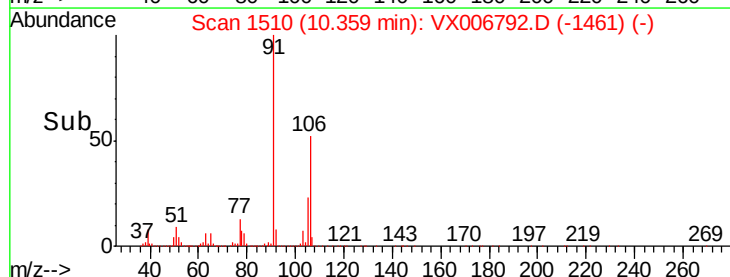
600000

400000

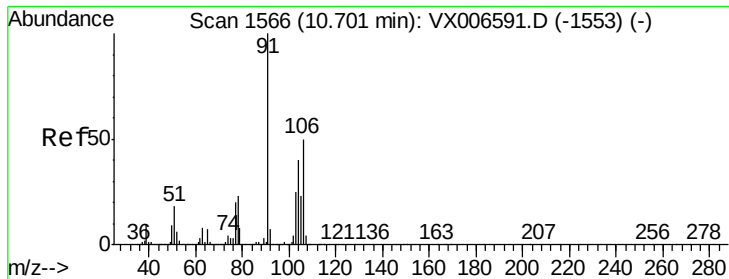
200000

0

10.30 10.36 10.40 10.50



Time-->



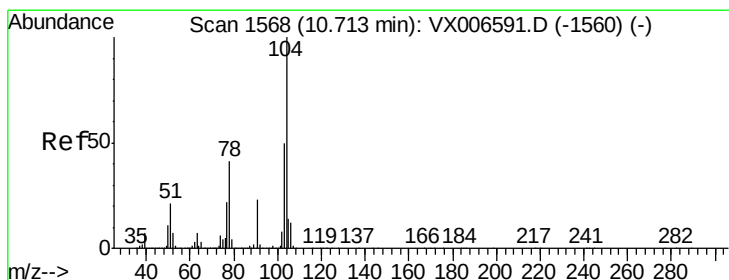
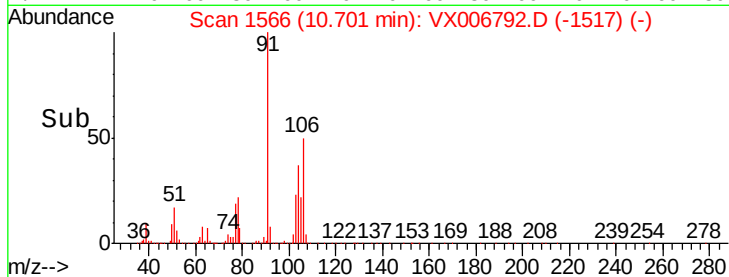
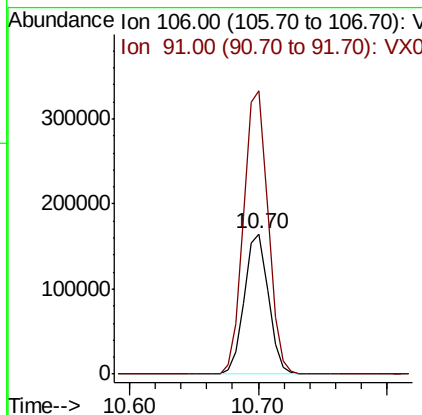
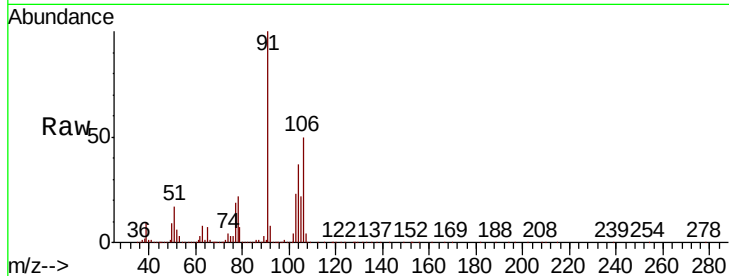
#69
o-Xylene
Concen: 20.025 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		211989		
91	205.4	101.3	303.7		

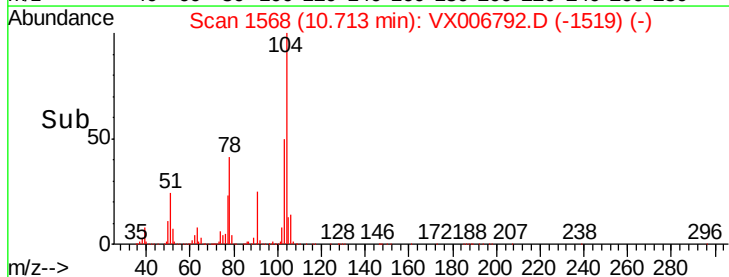
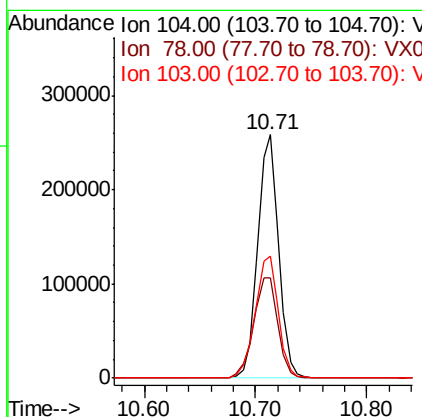
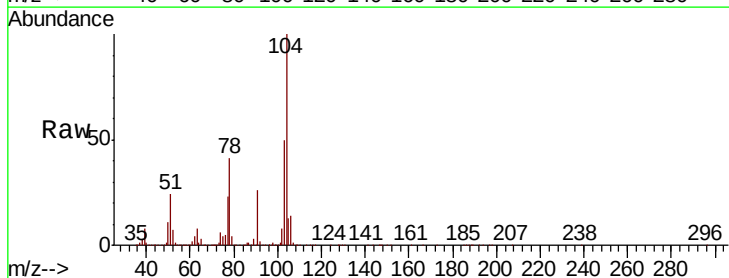
Manual Integrations
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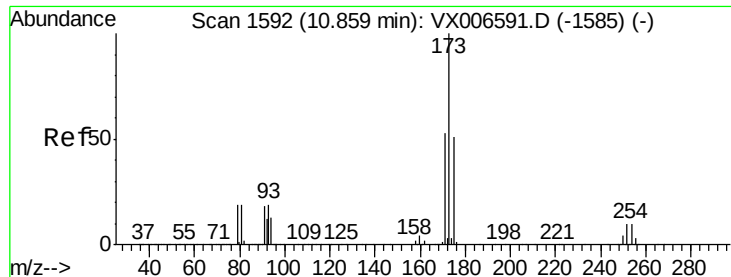
MMDadoda
12/26/2018 9:57:28 AM



#70
Styrene
Concen: 20.252 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		339182		
78	47.6	37.7	56.5		
103	55.8	43.8	65.8		





#71

Bromoform

Concen: 18.213 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion:173 Resp: 70652

Ion Ratio Lower Upper

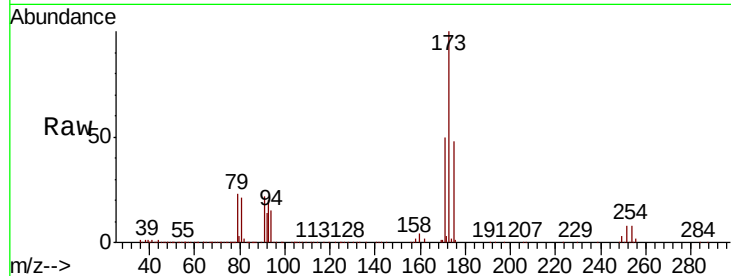
173 100

175 47.7 24.7 74.1

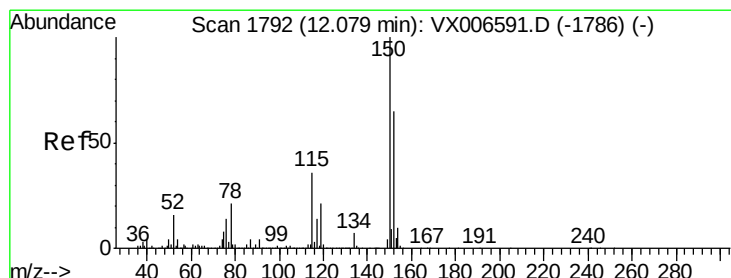
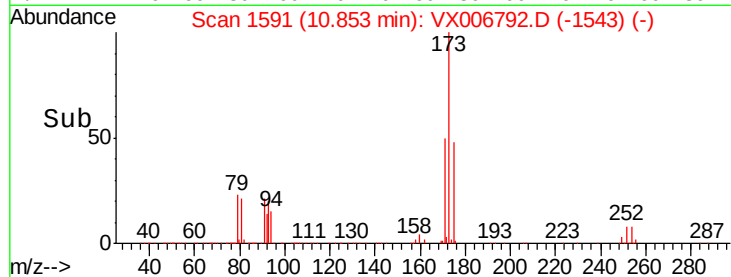
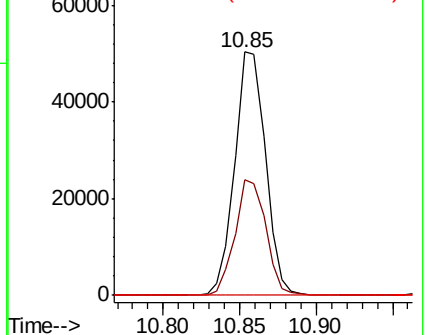
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

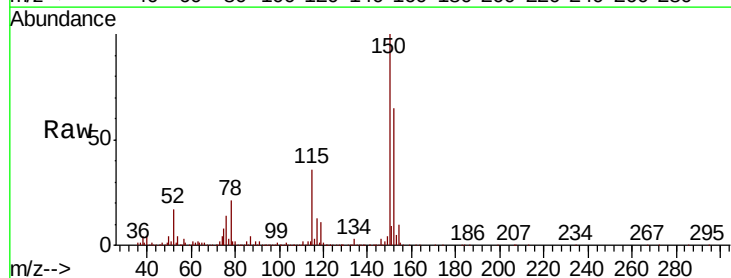
Tgt Ion:152 Resp: 404963

Ion Ratio Lower Upper

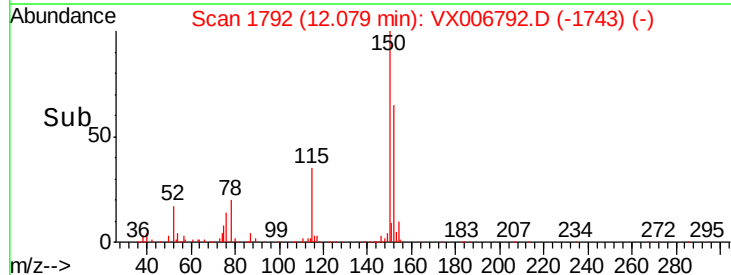
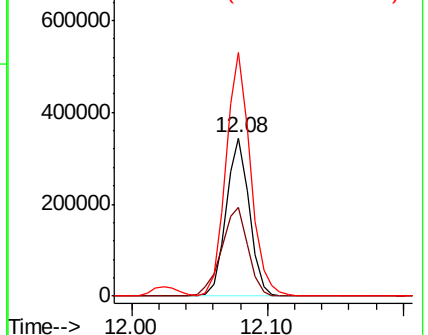
152 100

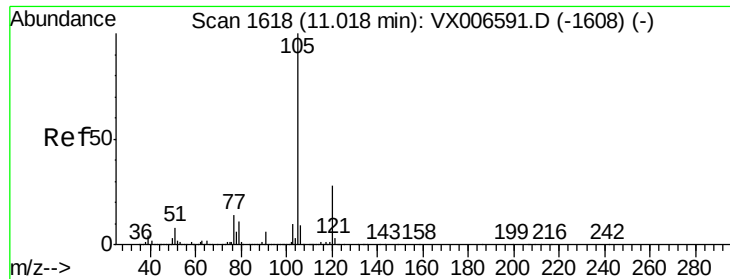
115 63.9 39.1 117.2

150 162.6 0.0 344.8



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: 20.411 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion:105 Resp: 565463

Ion Ratio Lower Upper

105 100

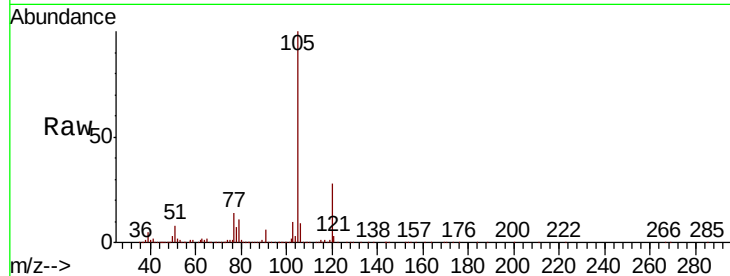
120 28.0 14.1 42.4

Manual Integrations

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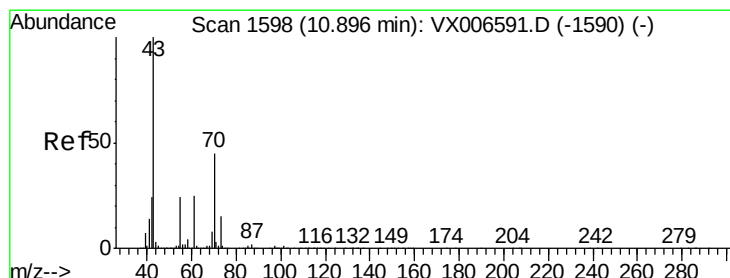
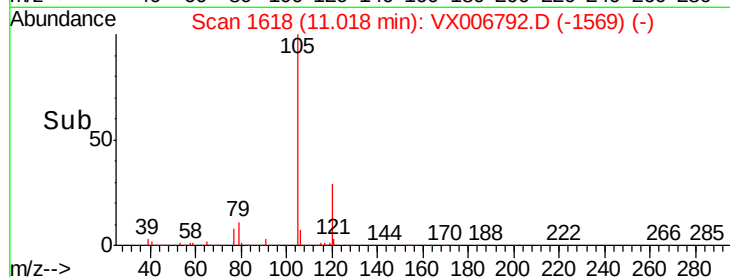
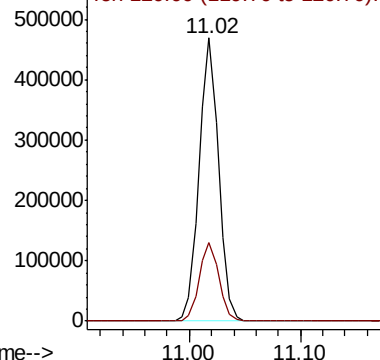
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.956 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion: 43 Resp: 217729

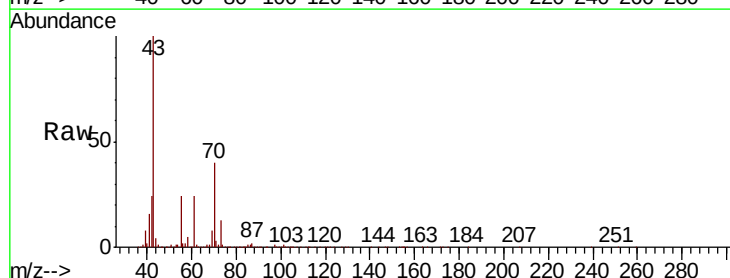
Ion Ratio Lower Upper

43 100

70 42.4 35.8 53.8

55 24.3 19.4 29.0

61 24.0 20.1 30.1

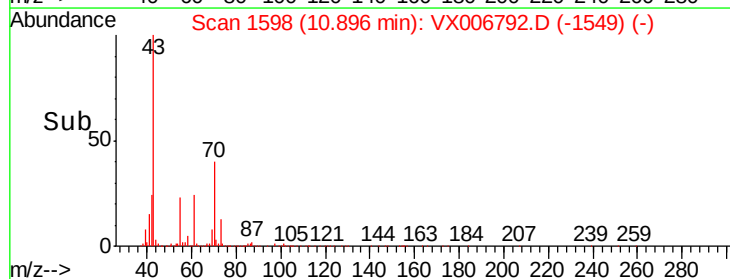
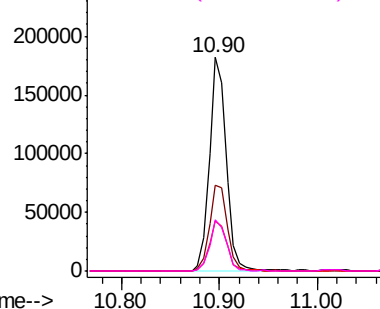


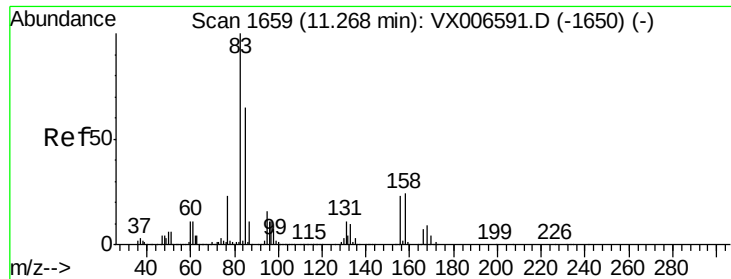
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.977 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 83 Resp: 181077
Ion Ratio Lower Upper

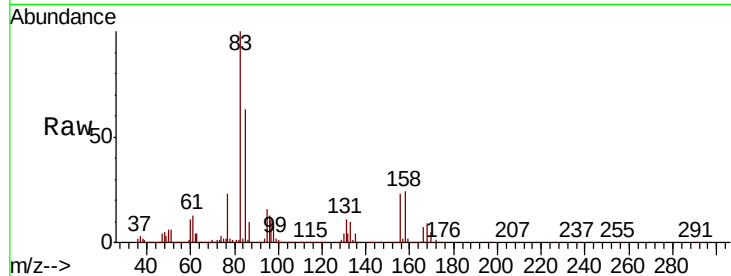
83 100

131 11.0 5.7 17.1

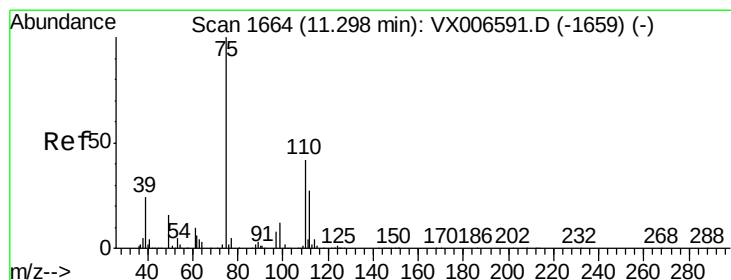
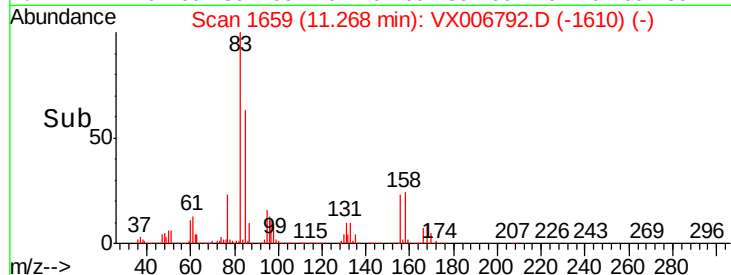
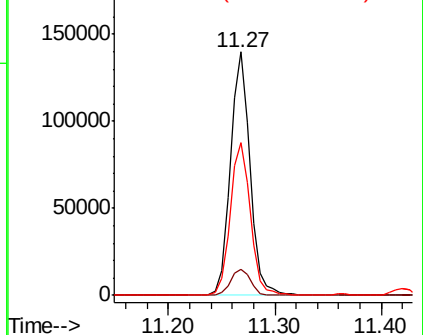
85 64.3 32.2 96.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.473 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

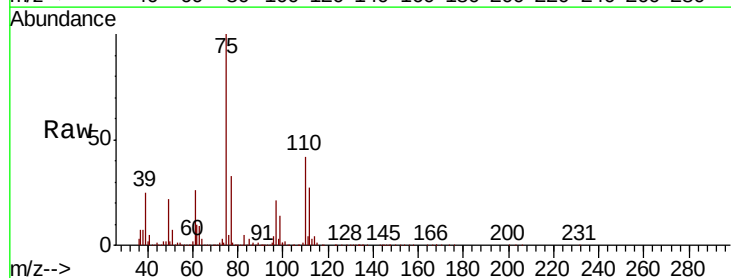
Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

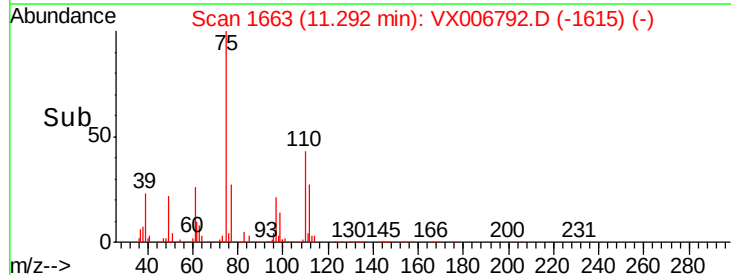
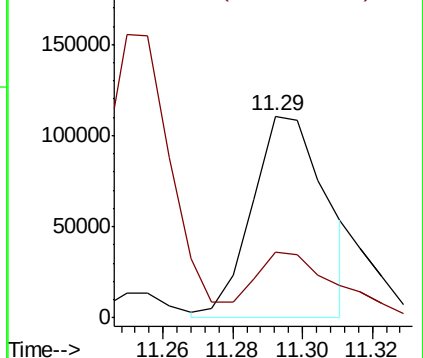
Tgt Ion: 75 Resp: 161607
Ion Ratio Lower Upper

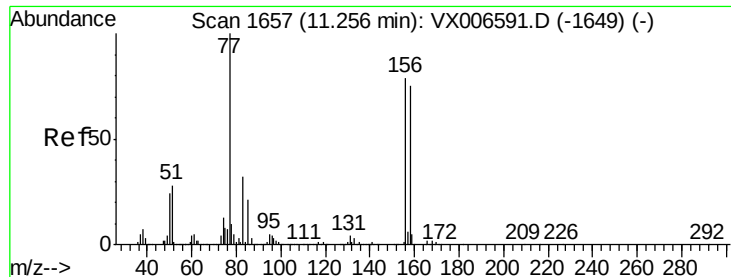
75 100

77 35.8 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.260 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

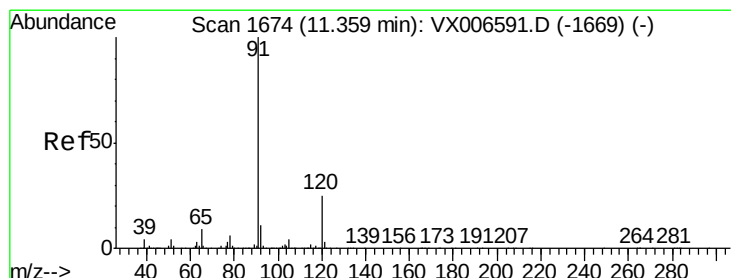
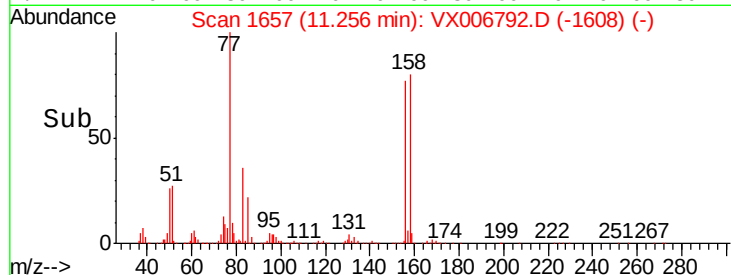
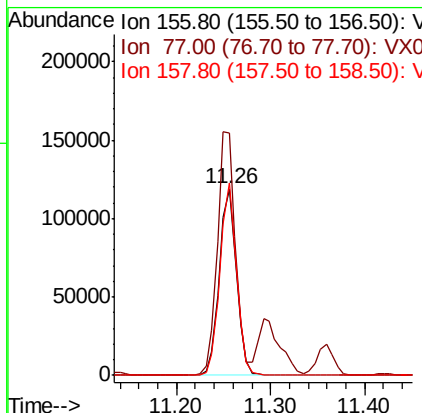
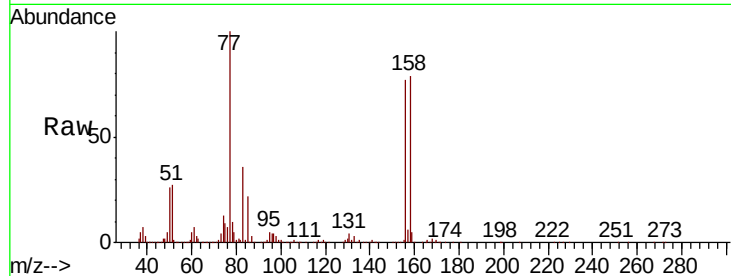
ClientSampleId :

VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.1	68.0	204.0
158	99.3	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.501 ug/l

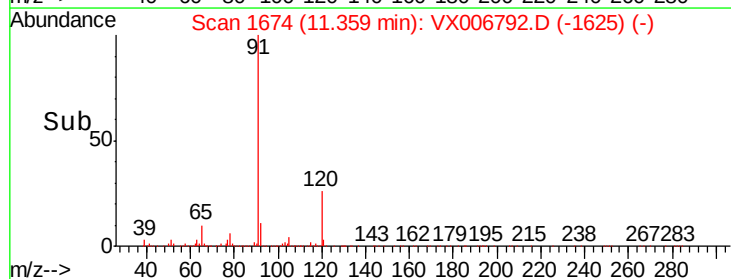
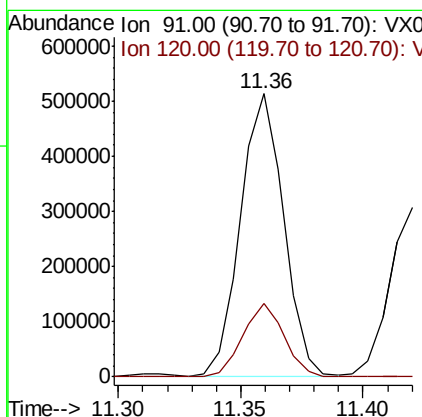
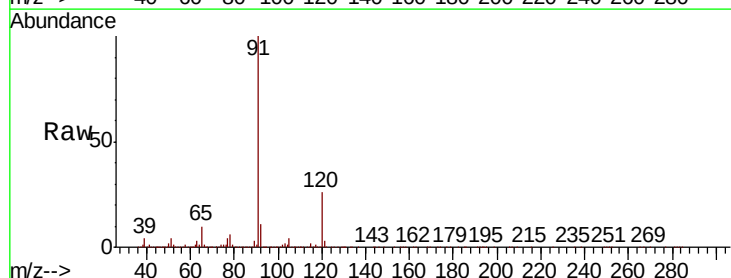
RT: 11.36 min Scan# 1674

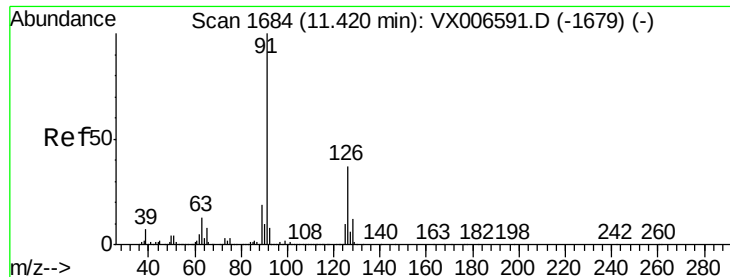
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.217 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion: 91 Resp: 373773

Ion Ratio Lower Upper

91 100

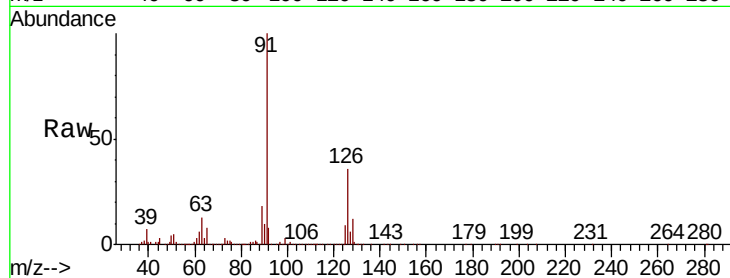
126 37.1 18.6 56.0

Manual Integrations

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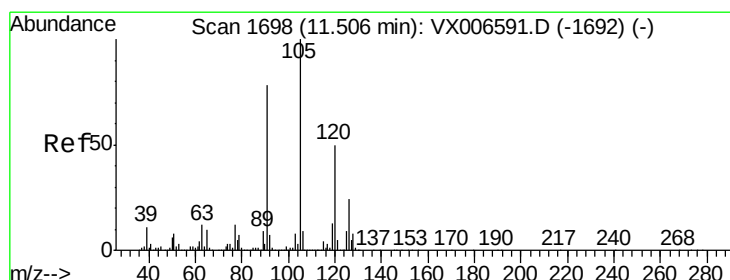
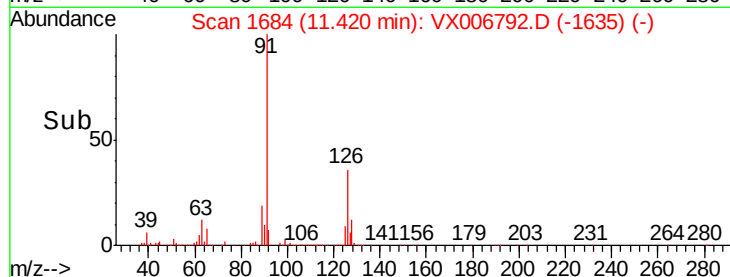
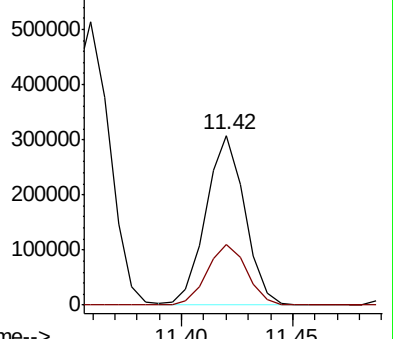
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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.261 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006792.D

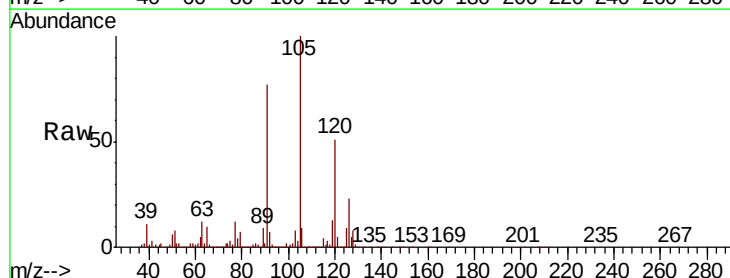
Acq: 24 Dec 2018 13:58

Tgt Ion: 105 Resp: 462332

Ion Ratio Lower Upper

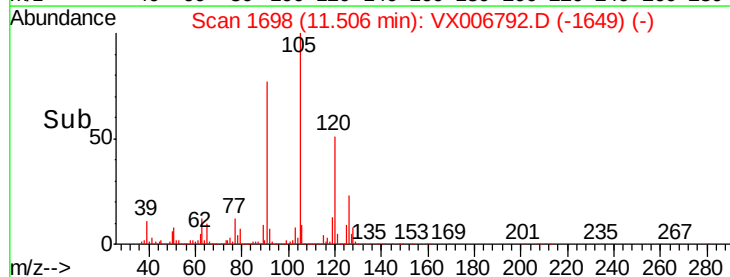
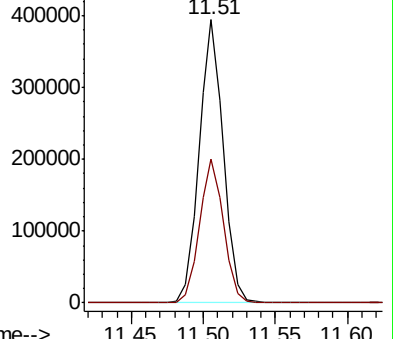
105 100

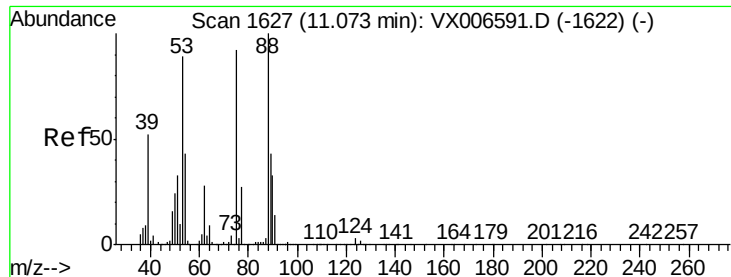
120 50.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)





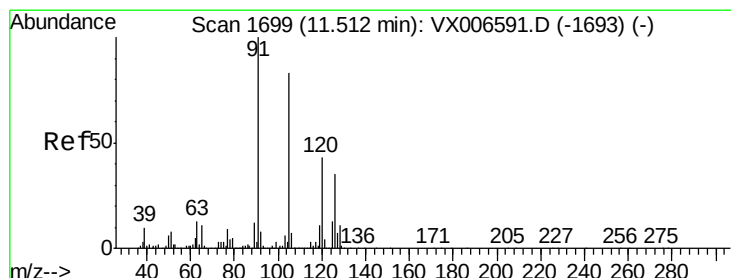
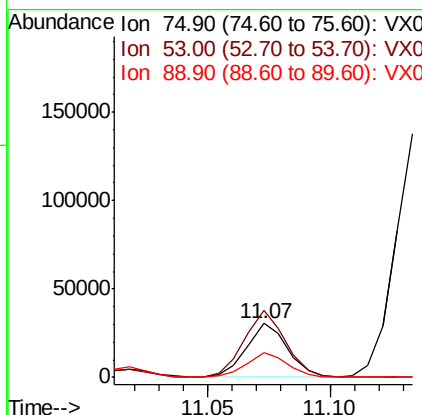
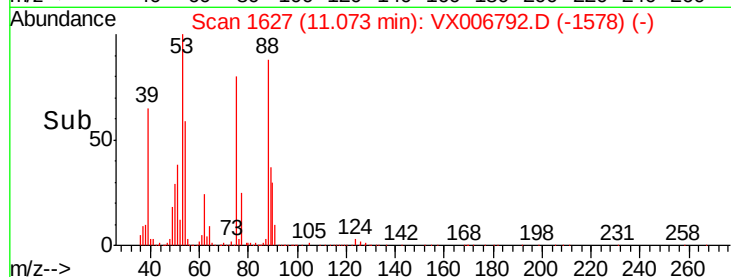
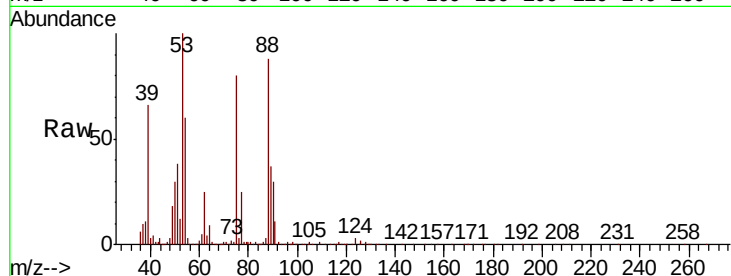
#81
trans-1,4-Dichloro-2-butene
Concen: 17.262 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	125.6	79.7	119.5#
89	47.4	38.0	57.0

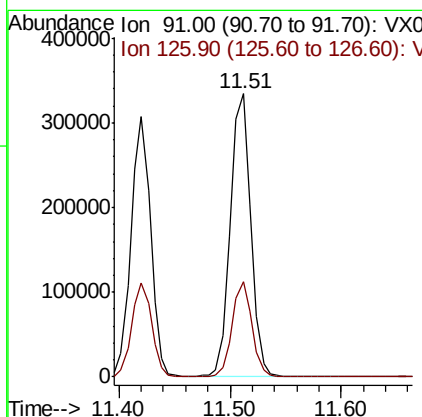
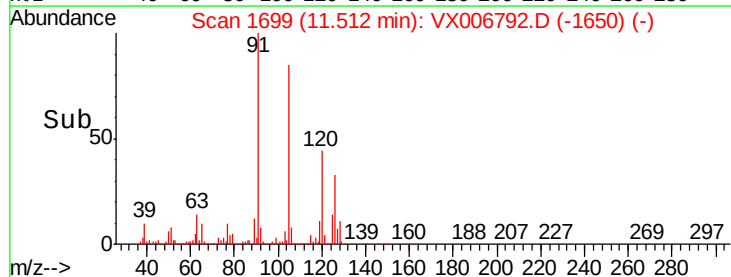
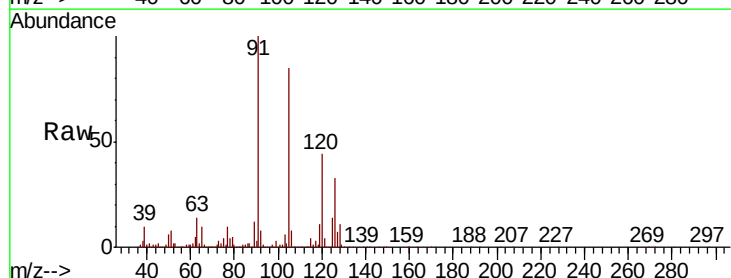
Manual Integrations
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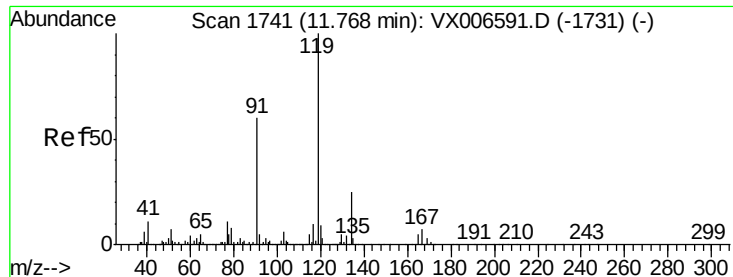
MMDadoda
12/26/2018 9:57:28 AM



#82
4-Chlorotoluene
Concen: 20.016 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.3	48.9





#83

tert-Butylbenzene

Concen: 20.315 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

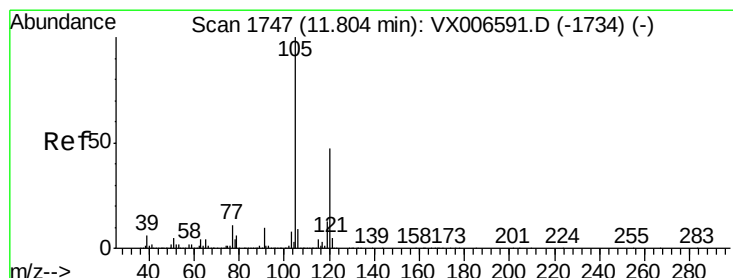
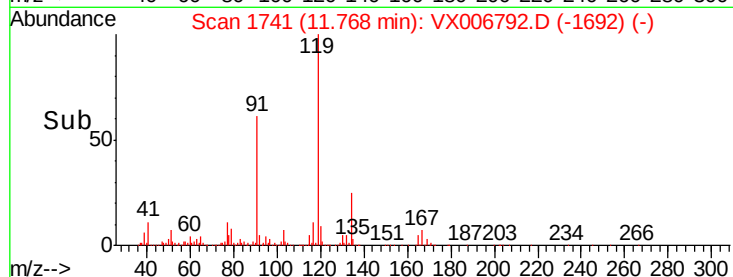
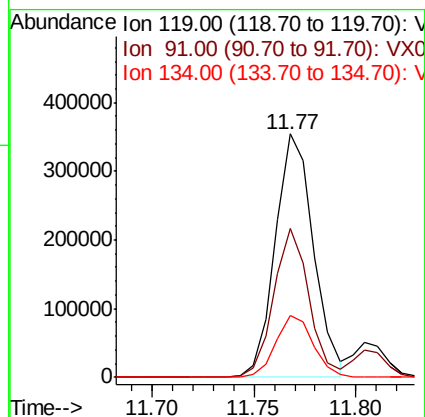
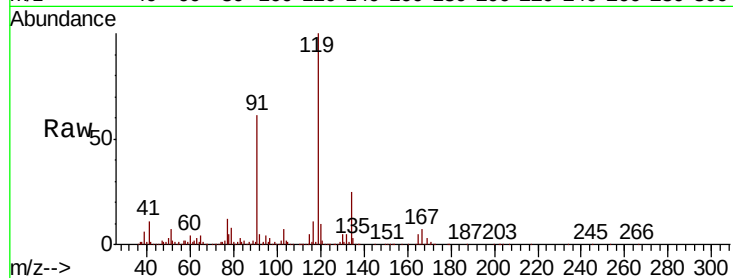
ClientSampleId :

VX1224WBSD01

Tot Ion:	119	Resp:	463955
Ion Ratio	Lower	Upper	
119	100		
91	56.3	27.7	83.1
134	24.9	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.699 ug/l

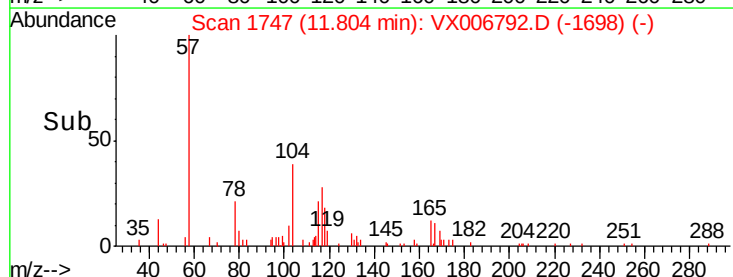
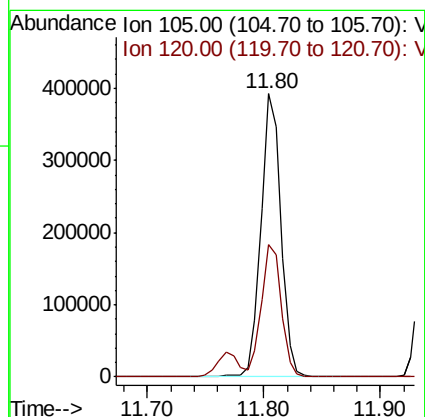
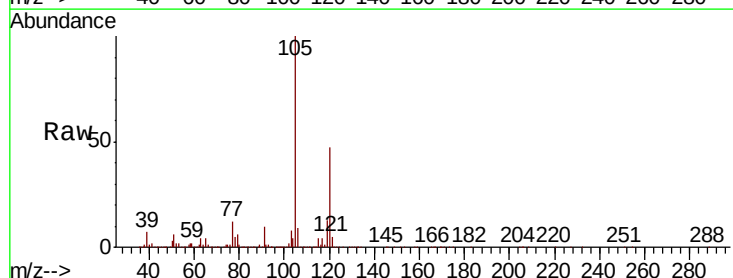
RT: 11.80 min Scan# 1747

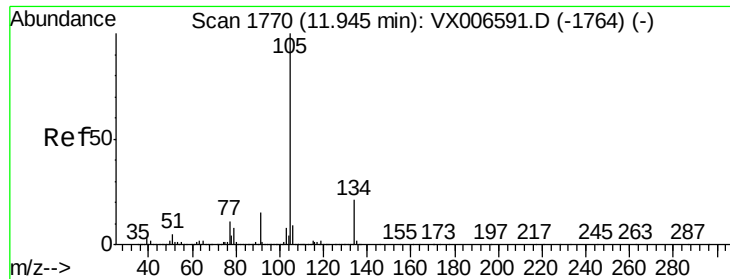
Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Tgt Ion:	105	Resp:	472822
Ion Ratio	Lower	Upper	
105	100		
120	46.6	23.2	69.6





#85

sec-Butylbenzene

Concen: 20.263 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX1224WBSD01

Tot Ion:105 Resp: 567383

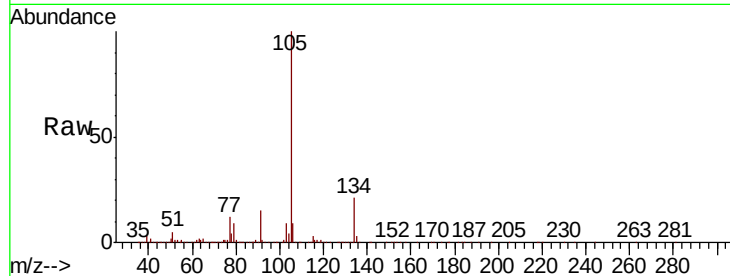
Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9

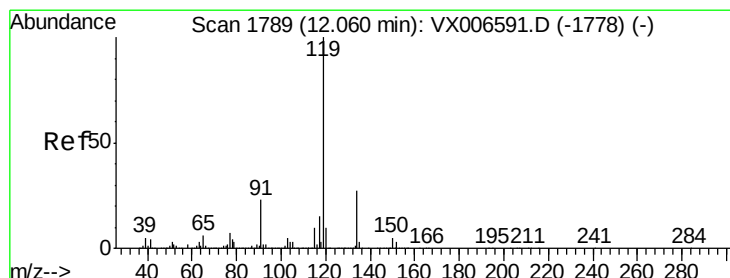
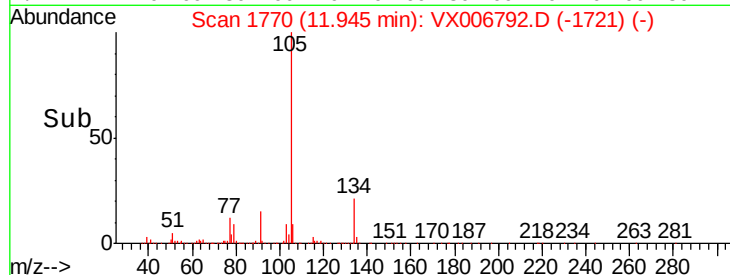
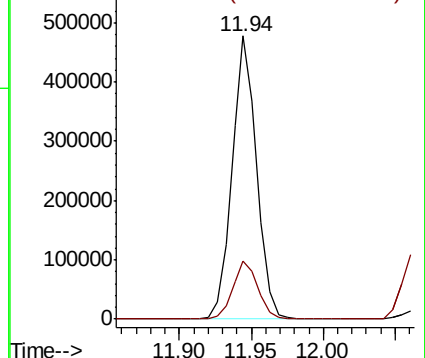
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.230 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006792.D

Acq: 24 Dec 2018 13:58

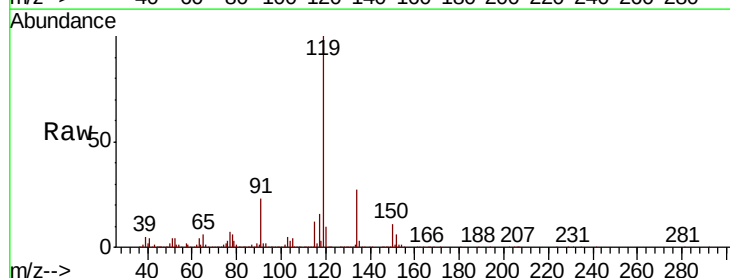
Tgt Ion:119 Resp: 497950

Ion Ratio Lower Upper

119 100

134 27.9 14.0 41.9

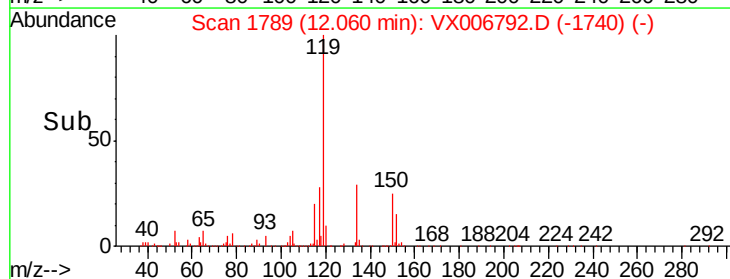
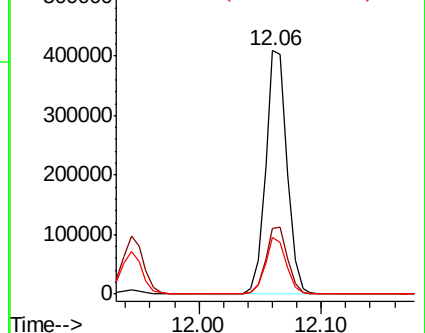
91 22.9 11.3 33.9

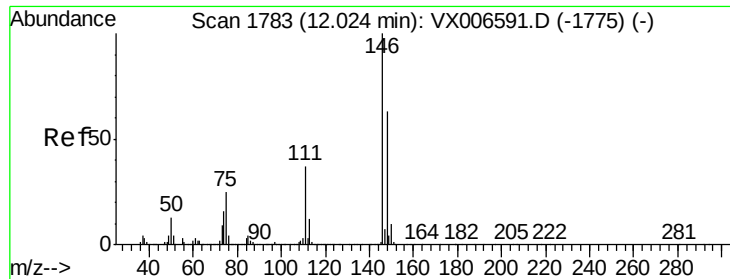


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





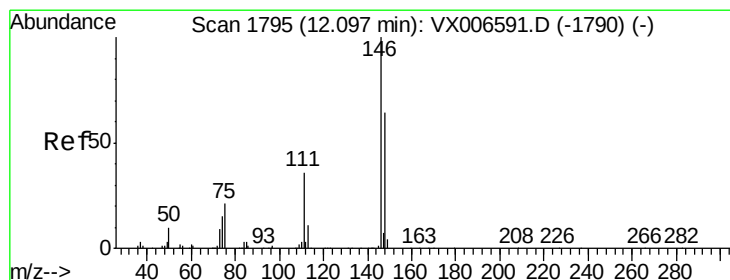
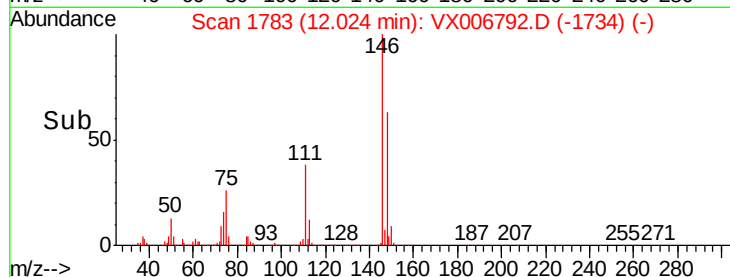
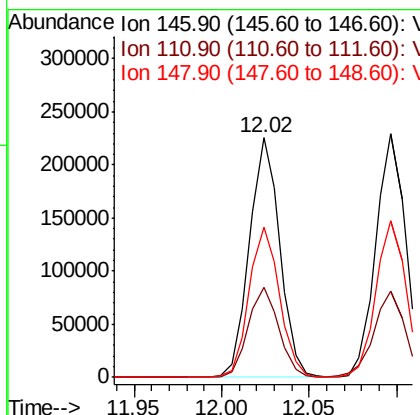
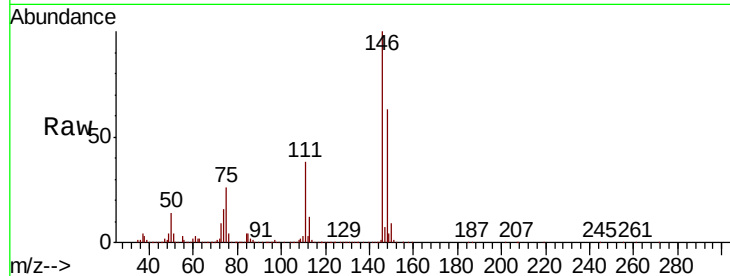
#87
 1,3-Dichlorobenzene
 Concen: 20.214 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	62.8	31.8	95.3

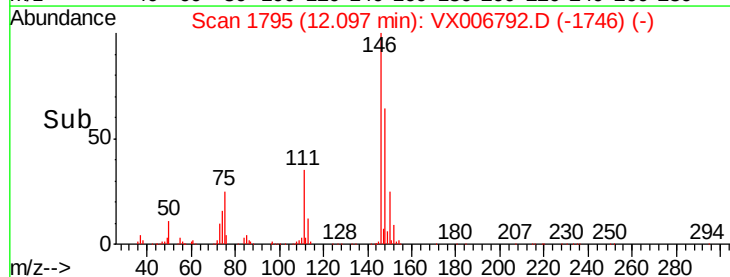
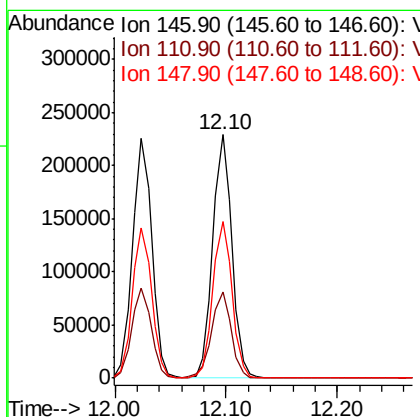
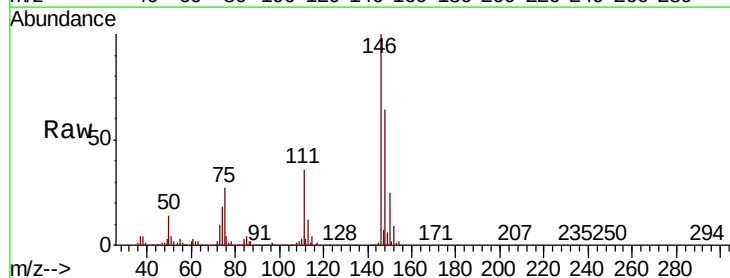
Manual Integrations
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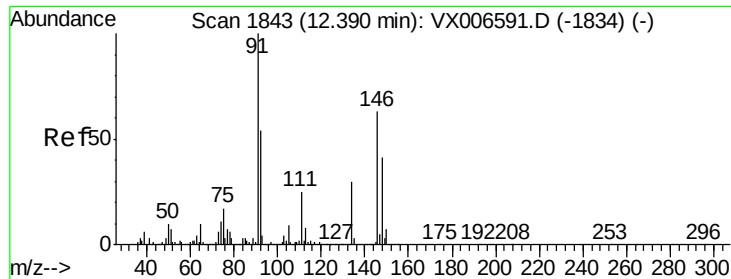
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#88
 1,4-Dichlorobenzene
 Concen: 19.819 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.5	31.9	95.9





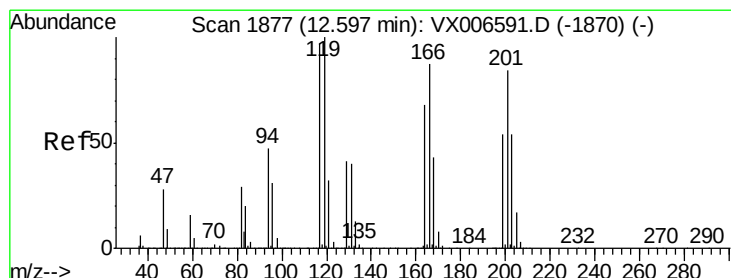
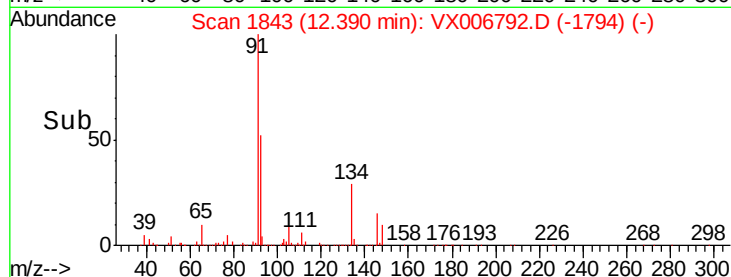
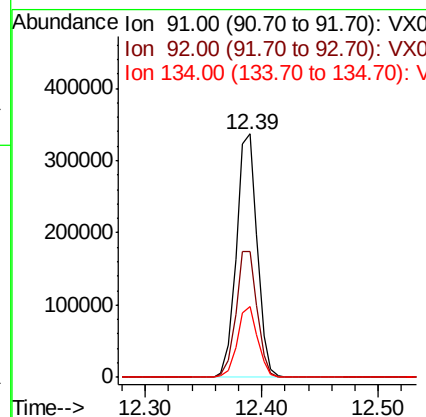
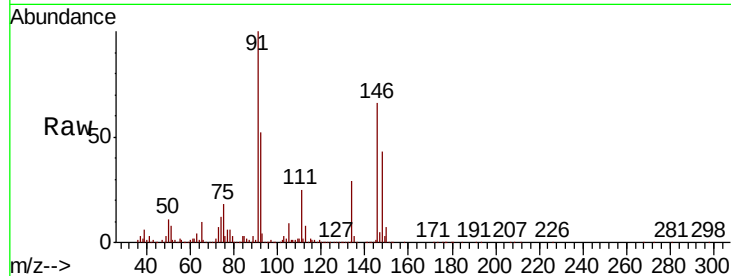
#89
n-Butylbenzene
Concen: 20.003 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	28.4	14.4	43.2

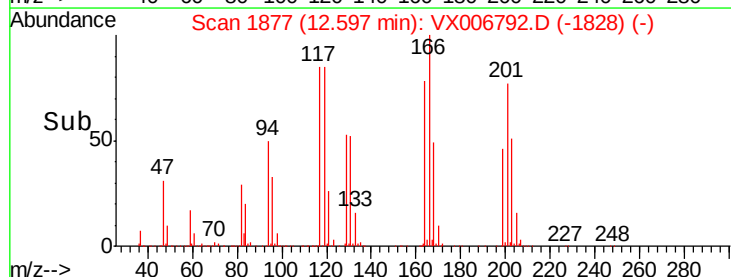
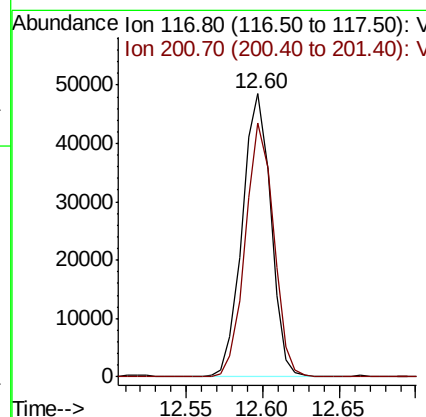
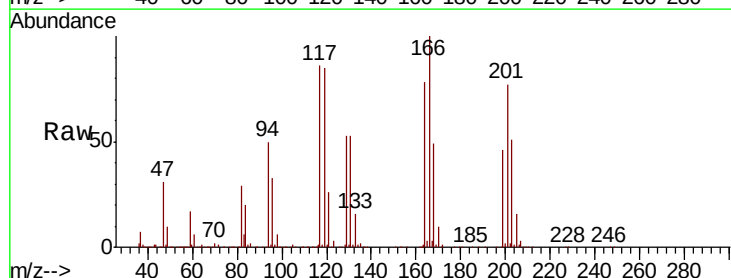
Manual Integrations
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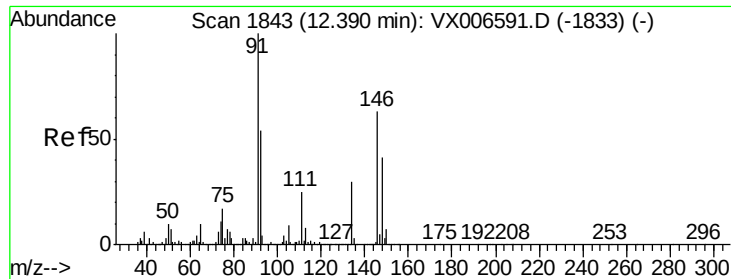
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#90
Hexachloroethane
Concen: 18.612 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	42.9	128.7





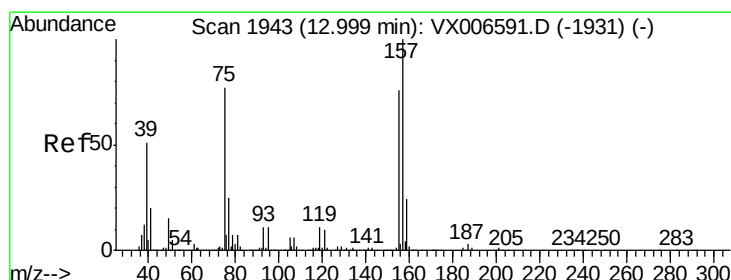
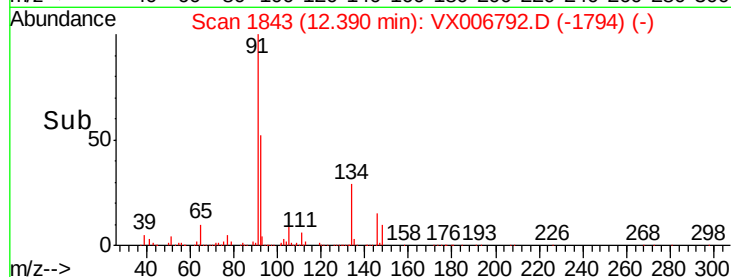
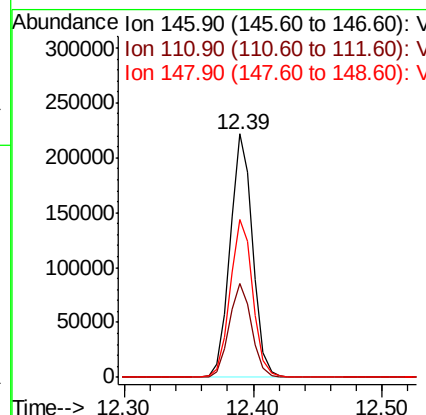
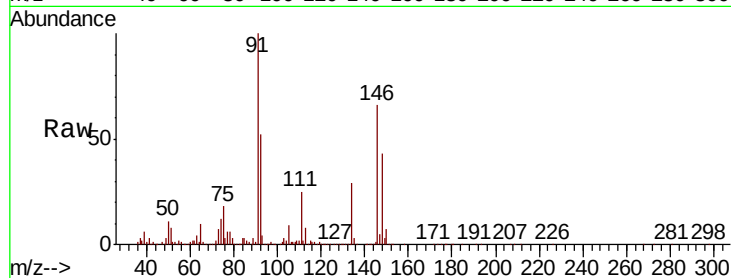
#91
 1,2-Dichlorobenzene
 Concen: 20.217 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	272995		
111	38.7	19.4	58.2	
148	65.3	32.3	96.9	

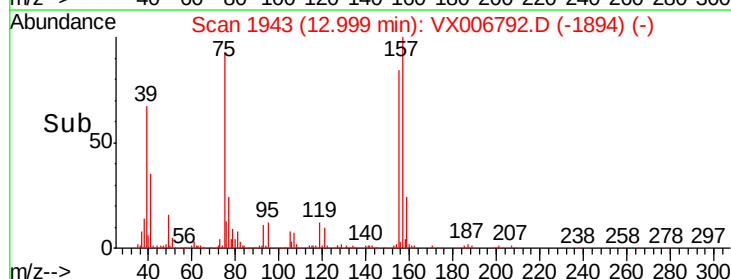
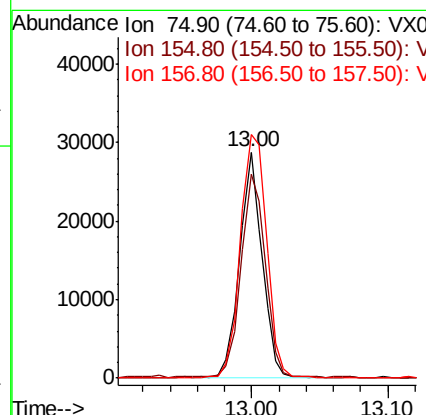
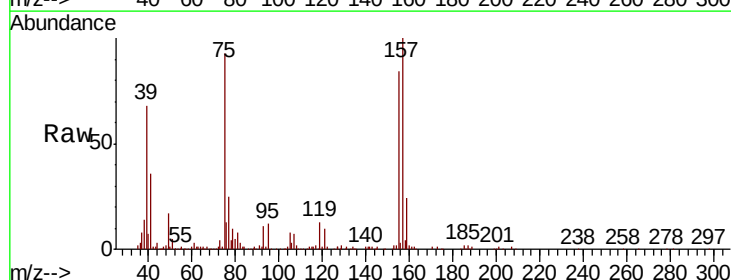
Manual Integrations
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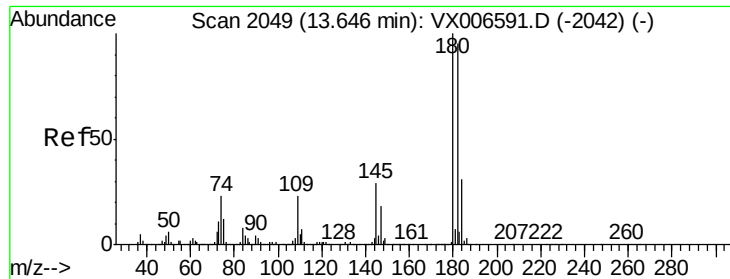
MMDadoda
 12/26/2018 9:57:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.310 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32920		
155	99.9	50.6	151.8	
157	127.4	64.6	193.8	





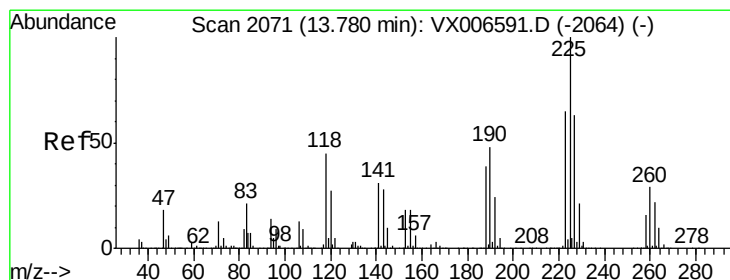
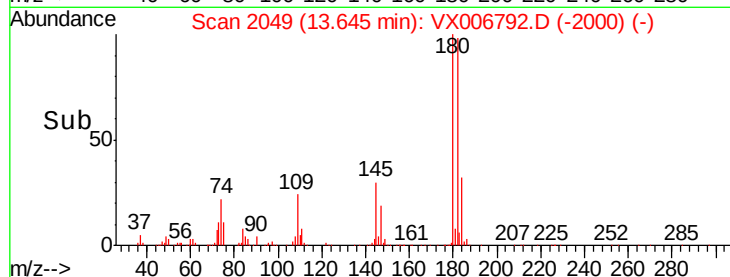
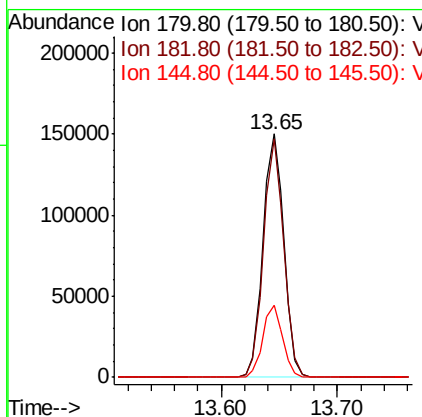
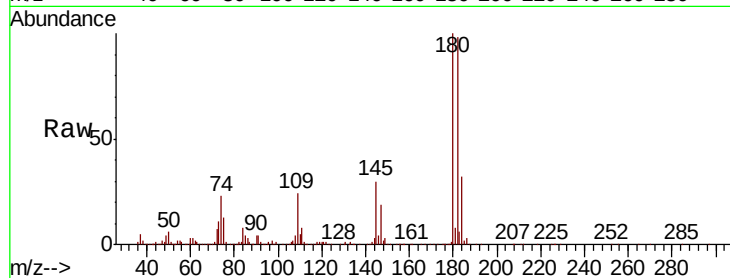
#93
 1,2,4-Trichlorobenzene
 Concen: 20.253 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	188647		
182	95.0	47.3	142.0	
145	28.6	14.8	44.3	

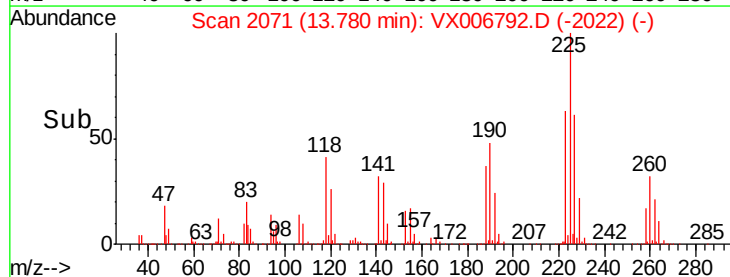
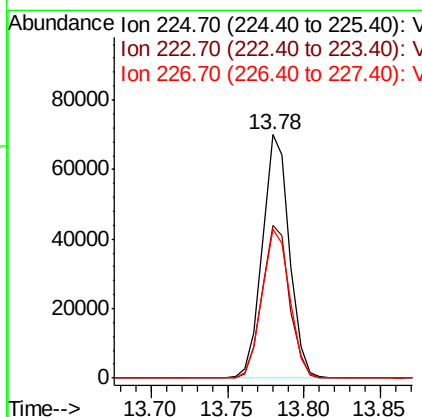
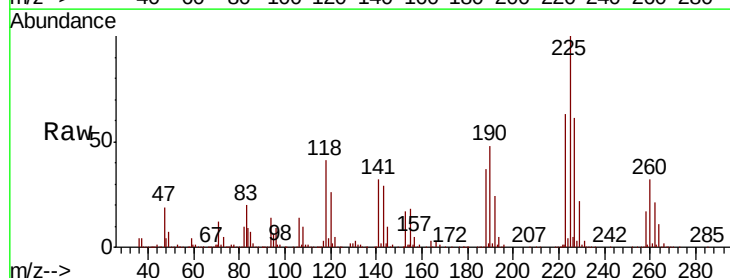
Manual Integrations
 APPROVED

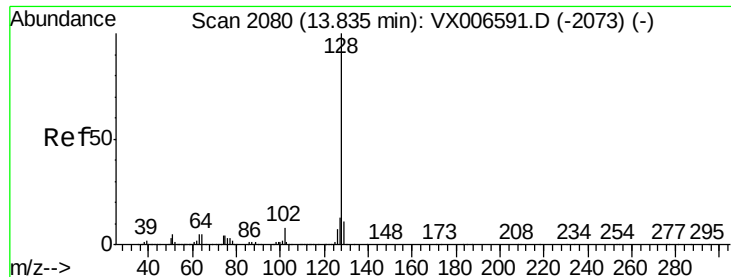
MMDadoda
 12/26/2018 9:57:28 AM



#94
 Hexachlorobutadiene
 Concen: 19.696 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006792.D
 Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86474		
223	63.4	32.1	96.3	
227	63.2	32.3	96.8	





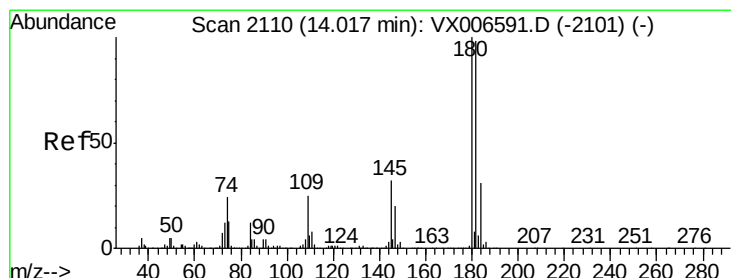
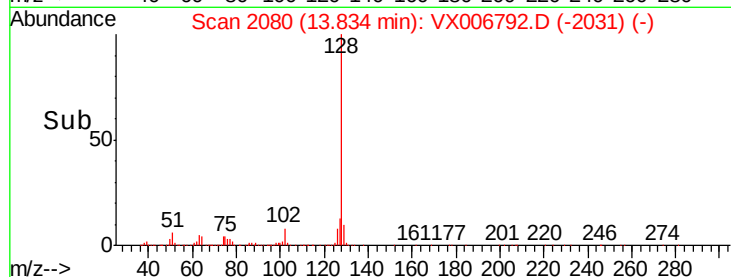
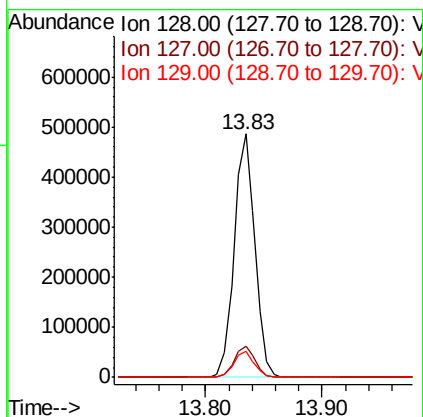
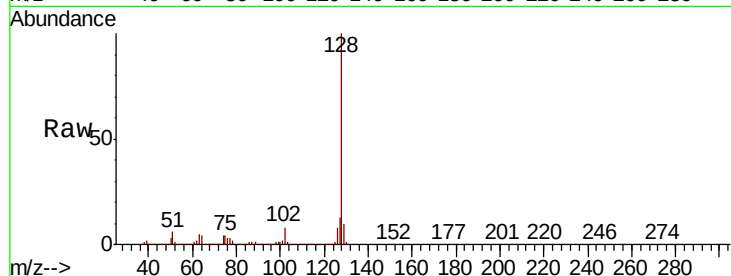
#95
Naphthalene
Concen: 20.123 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX1224WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.936 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006792.D
Acq: 24 Dec 2018 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.5	145.5
145	30.4	16.0	47.9

