

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006168.D
 Acq On : 26 Nov 2018 12:05
 Operator : JC/MD
 Sample : VX1126WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:16 AM

Quant Time: Nov 27 02:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183338	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	145724	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.71	98	555319	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	201464	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44566	19.880	ug/l	99
3) Chloromethane	1.32	50	49524	17.488	ug/l	100
4) Vinyl Chloride	1.40	62	55379	19.225	ug/l	95
5) Bromomethane	1.64	94	28649	15.686	ug/l	95
6) Chloroethane	1.72	64	31542	26.787	ug/l	97
7) Trichlorofluoromethane	1.93	101	77309	20.516	ug/l	100
8) Diethyl Ether	2.19	74	30711	19.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45142	20.202	ug/l	99
10) Methyl Iodide	2.51	142	23427	8.362	ug/l	98
11) Tert butyl alcohol	3.06	59	78726	105.868	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43009	19.744	ug/l	97
13) Acrolein	2.29	56	42549	95.621	ug/l	96
14) Allyl chloride	2.73	41	91016	20.423	ug/l	99
15) Acrylonitrile	3.15	53	165793	100.940	ug/l	99
16) Acetone	2.45	43	181034	116.707	ug/l	100
17) Carbon Disulfide	2.57	76	126919	21.578	ug/l	98
18) Methyl Acetate	2.78	43	86469	21.737	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	153913	20.442	ug/l	98
20) Methylene Chloride	2.85	84	49279	20.786	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	46900	20.578	ug/l	92
22) Diisopropyl ether	3.87	45	203937	21.376	ug/l	94
23) Vinyl Acetate	3.82	43	872969	110.293	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90572	20.151	ug/l	100
25) 2-Butanone	4.70	43	309602	107.530	ug/l	100
26) 2,2-Dichloropropane	4.58	77	86148	23.255	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62521	19.627	ug/l	95
28) Bromochloromethane	5.02	49	51923	19.821	ug/l	98
29) Tetrahydrofuran	5.15	42	188527	104.964	ug/l	99
30) Chloroform	5.21	83	108549	19.929	ug/l	99
31) Cyclohexane	5.57	56	91907	19.576	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	92499	21.032	ug/l	99
36) 1,1-Dichloropropene	5.79	75	78036	19.512	ug/l	98
37) Ethyl Acetate	4.85	43	104045	20.221	ug/l	98
38) Carbon Tetrachloride	5.79	117	79340	21.106	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87072	19.110	ug/l	98
40) Benzene	6.14	78	237431	20.151	ug/l	99
41) Methacrylonitrile	5.06	41	57592	20.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90401	20.522	ug/l	98
43) Isopropyl Acetate	6.46	43	154451	20.785	ug/l	99
44) Trichloroethene	7.21	130	63743	19.465	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63946	20.507	ug/l	98
46) Dibromomethane	7.66	93	42551	19.926	ug/l	98
47) Bromodichloromethane	7.90	83	80557	20.396	ug/l	99
48) Methyl methacrylate	7.77	41	80339	21.318	ug/l	99
49) 1,4-Dioxane	7.75	88	35911	401.647	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	554707	104.129	ug/l	99
52) Toluene	8.79	92	149004	20.445	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	84514	20.505	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	96785	21.242	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63283	20.050	ug/l	98
56) Ethyl methacrylate	9.18	69	88050	19.753	ug/l	97
57) 1,3-Dichloropropane	9.37	76	104812	20.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	265958	101.069	ug/l	100
59) 2-Hexanone	9.49	43	449507	106.325	ug/l	99
60) Dibromochloromethane	9.58	129	64838	20.953	ug/l	100
61) 1,2-Dibromoethane	9.67	107	66193	20.357	ug/l	100
64) Tetrachloroethene	9.34	164	66643	19.605	ug/l	98
65) Chlorobenzene	10.14	112	169243	19.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	61549	21.159	ug/l	99
67) Ethyl Benzene	10.25	91	284688	20.521	ug/l	100
68) m/p-Xylenes	10.36	106	221243	40.954	ug/l	99
69) o-Xylene	10.70	106	102829	19.927	ug/l	98
70) Styrene	10.71	104	173993	20.680	ug/l	99
71) Bromoform	10.86	173	52803	20.279	ug/l	99
73) Isopropylbenzene	11.02	105	289710	21.744	ug/l	100
74) N-amyl acetate	10.90	43	128125	20.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	102974	20.508	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98828m	21.799	ug/l	
77) Bromobenzene	11.26	156	77260	20.700	ug/l	100
78) n-propylbenzene	11.36	91	333273	21.479	ug/l	100
79) 2-Chlorotoluene	11.42	91	200318	21.340	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	240084	21.372	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28041	20.920	ug/l	99
82) 4-Chlorotoluene	11.51	91	233250	21.292	ug/l	99
83) tert-Butylbenzene	11.77	119	235085	21.437	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	250941	21.900	ug/l	99
85) sec-Butylbenzene	11.94	105	290712	21.673	ug/l	99
86) p-Isopropyltoluene	12.07	119	255282	21.345	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	139677	20.296	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143629	20.133	ug/l	99
89) n-Butylbenzene	12.39	91	222451	20.544	ug/l	99
90) Hexachloroethane	12.60	117	42740	22.395	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	141009	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24631	21.141	ug/l	98

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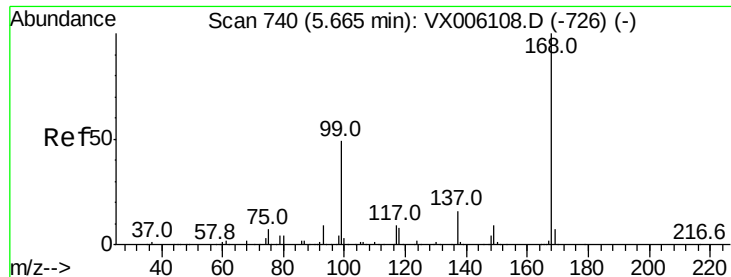
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101276	20.433	ug/l	99
94) Hexachlorobutadiene	13.79	225	50034	20.713	ug/l	98
95) Naphthalene	13.83	128	309250	21.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104213	20.624	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion:168 Resp: 301676

Ion Ratio Lower Upper

168 100

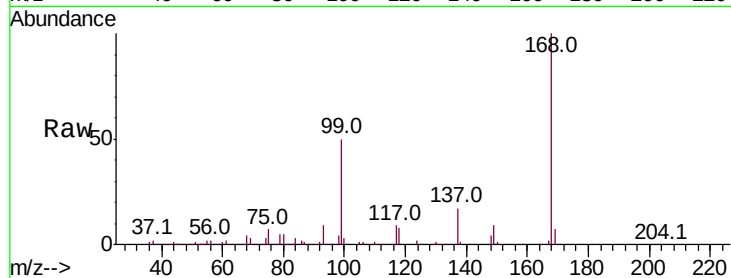
99 50.3 39.2 58.8

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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

120000

100000

80000

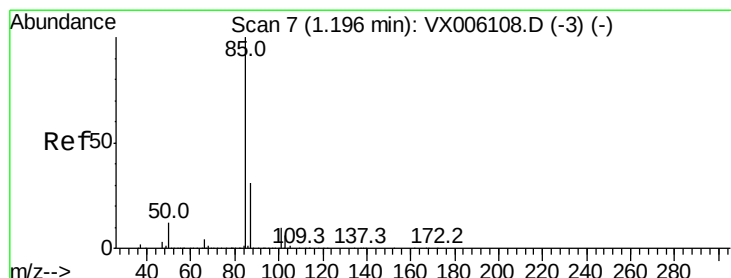
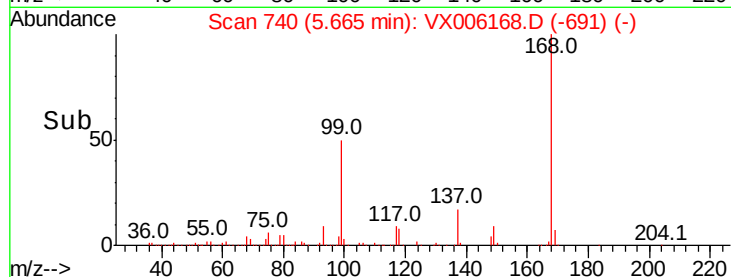
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.880 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006168.D

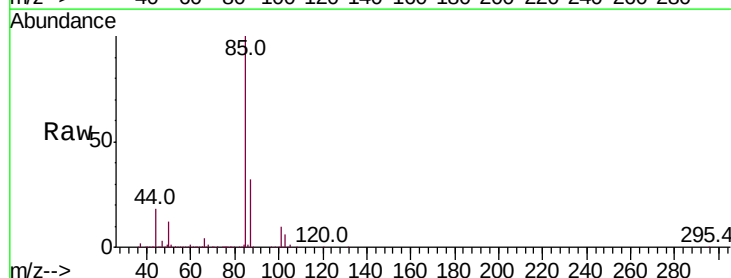
Acq: 26 Nov 2018 12:05

Tgt Ion: 85 Resp: 44566

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

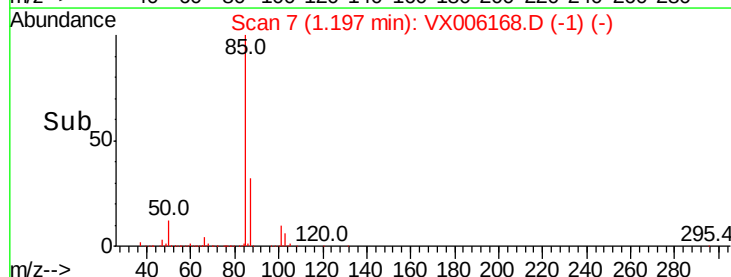
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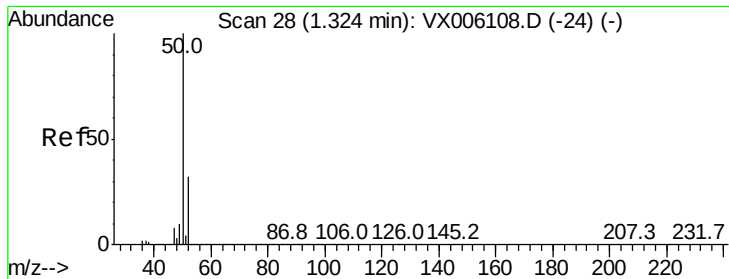
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.488 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 50 Resp: 49524

Ion Ratio Lower Upper

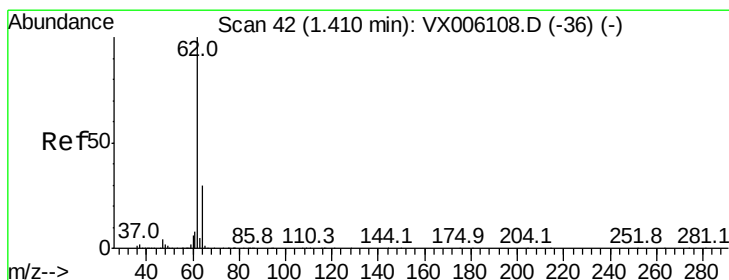
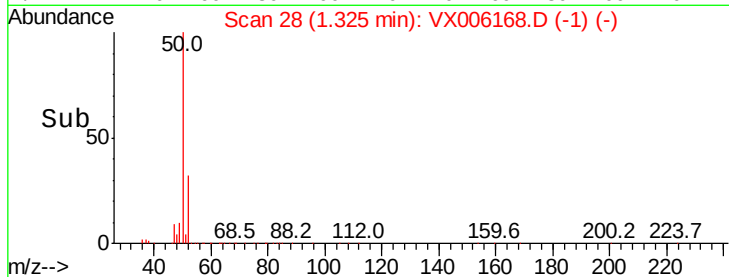
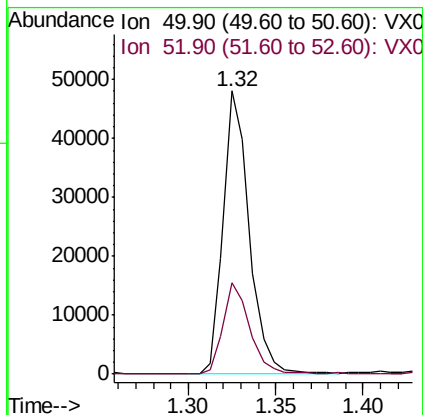
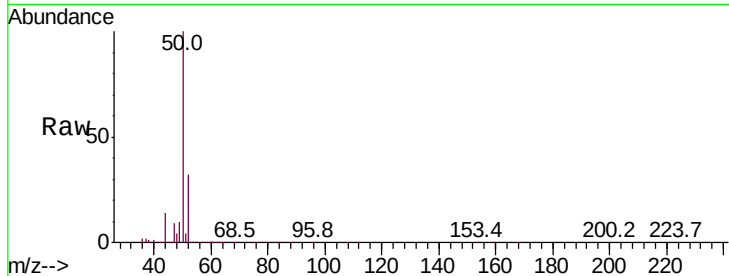
50 100

52 32.0 25.6 38.4

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#4

Vinyl Chloride

Concen: 19.225 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX006168.D

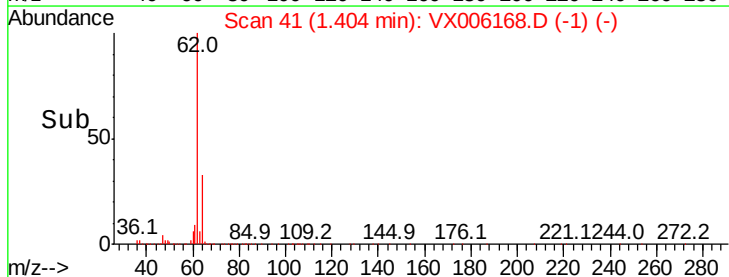
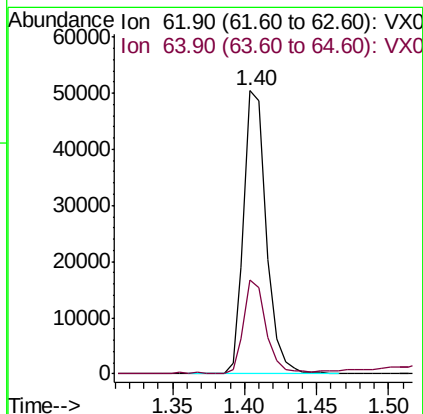
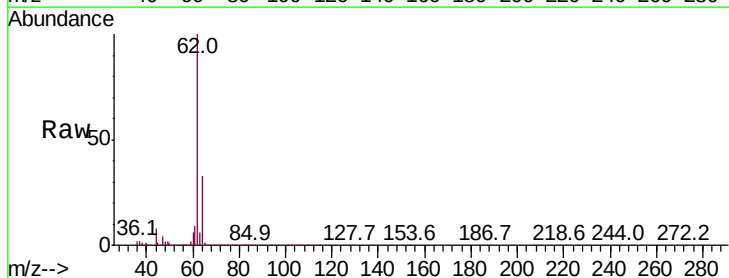
Acq: 26 Nov 2018 12:05

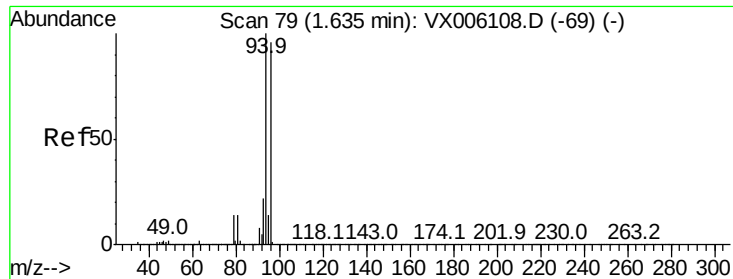
Tgt Ion: 62 Resp: 55379

Ion Ratio Lower Upper

62 100

64 32.9 24.2 36.4





#5

Bromomethane

Concen: 15.686 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 94 Resp: 28649

Ion Ratio Lower Upper

94 100

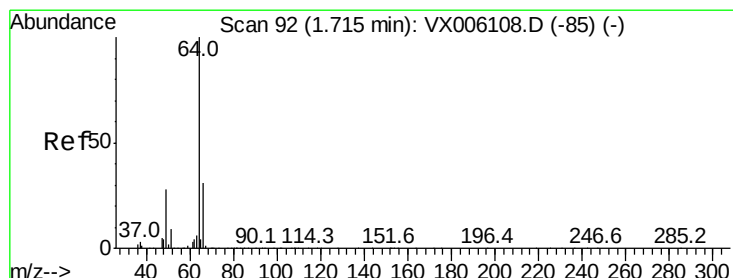
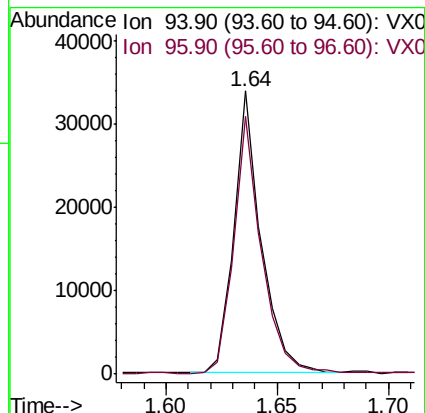
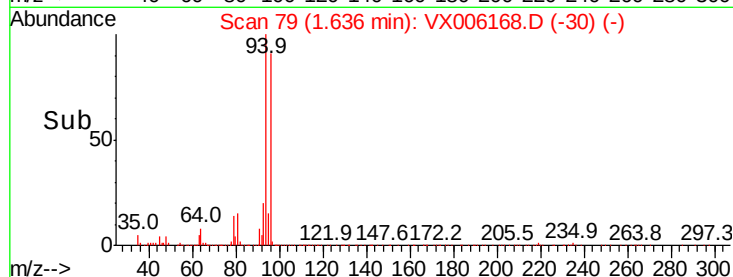
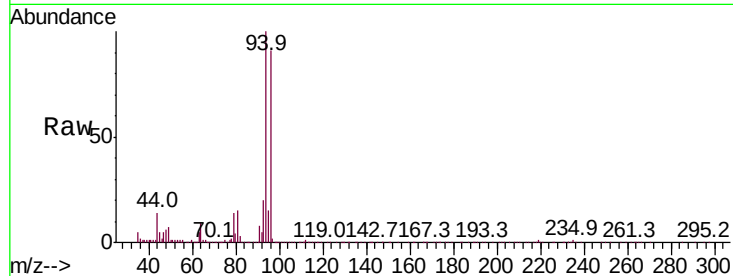
96 91.0 76.7 115.1

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#6

Chloroethane

Concen: 26.787 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006168.D

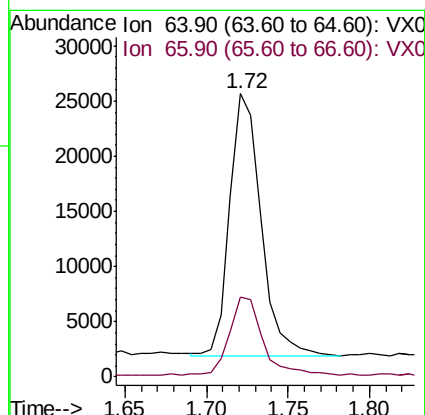
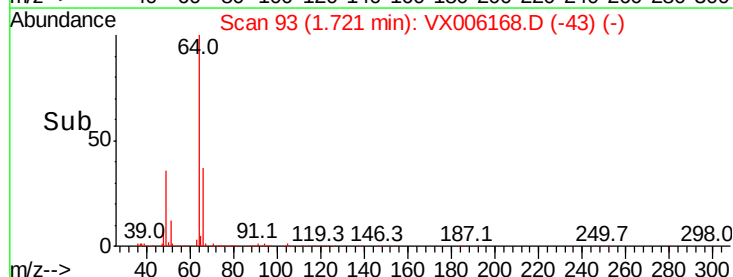
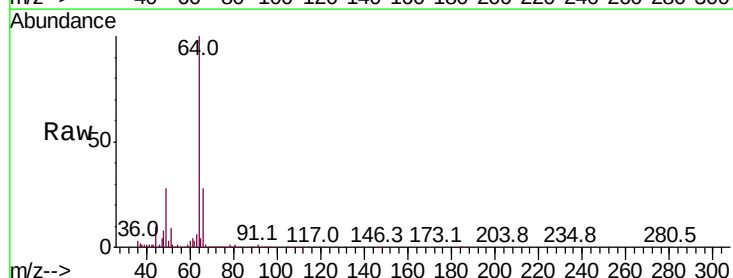
Acq: 26 Nov 2018 12:05

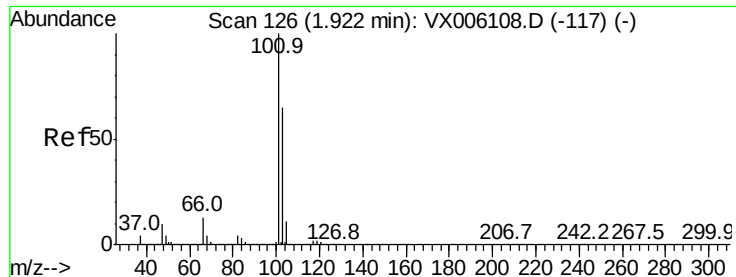
Tgt Ion: 64 Resp: 31542

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7





#7

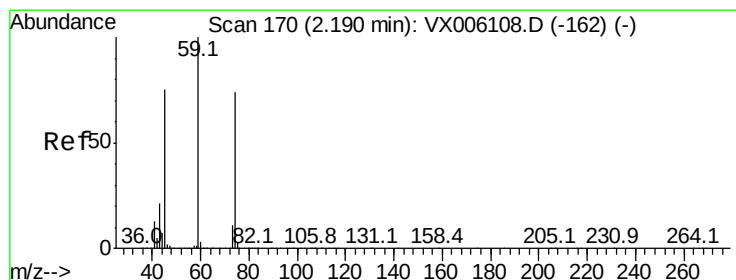
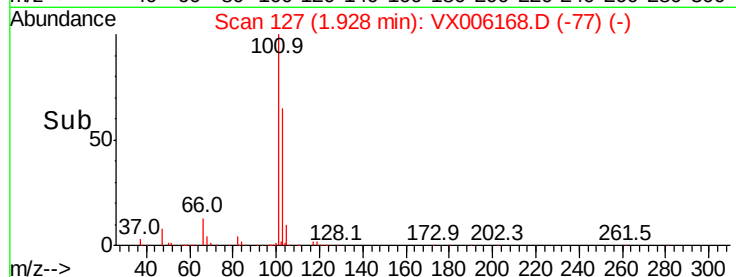
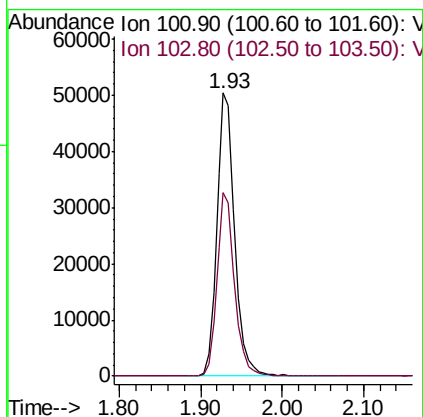
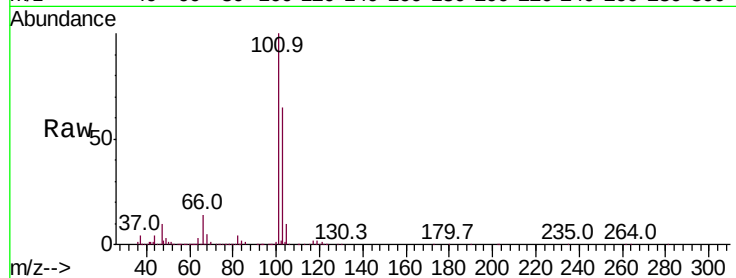
Trichlorofluoromethane
Concen: 20.516 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

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ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.1	78.1

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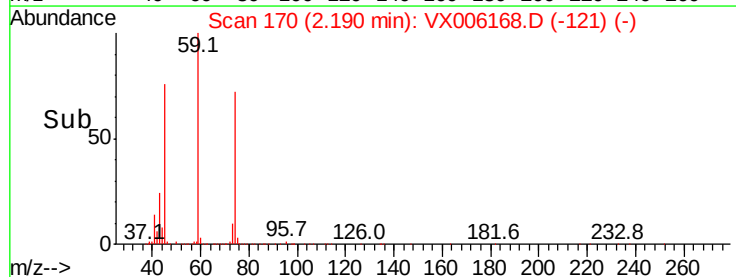
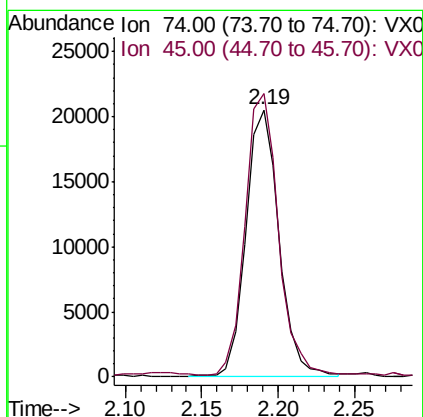
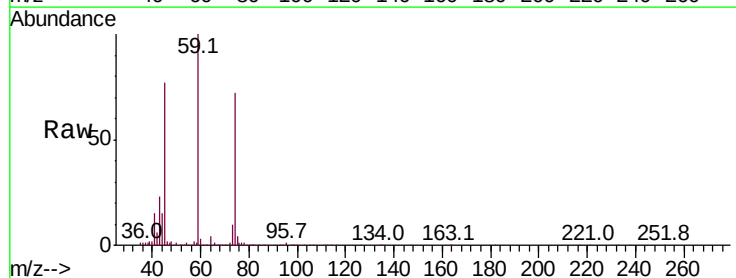
MMDadoda
11/27/2018 11:43:16 AM

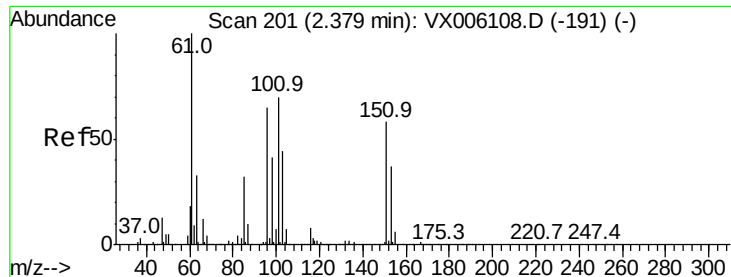


#8

Diethyl Ether
Concen: 19.280 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.1	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.202 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

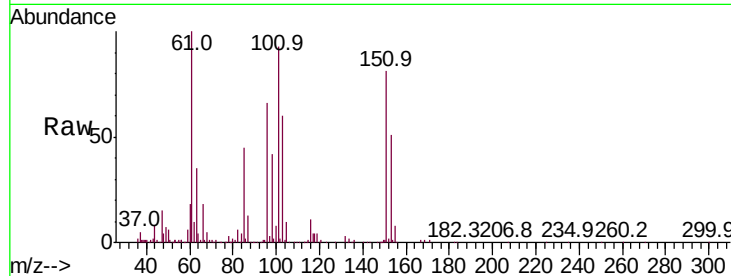
ClientSampleId :

VX1126WBS01

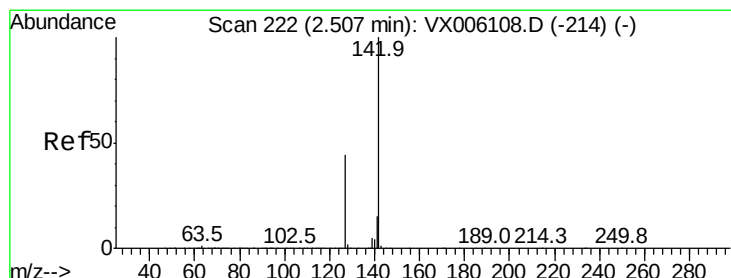
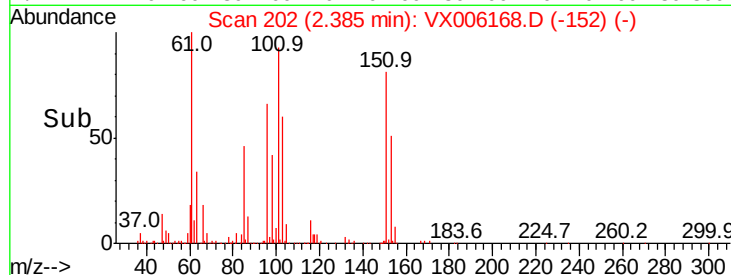
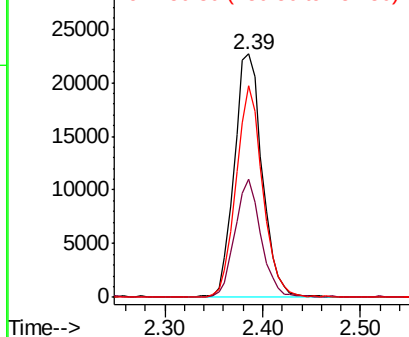
Tot Ion:	101	Resp:	45142
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.0	54.0
151	82.8	65.8	98.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.362 ug/l

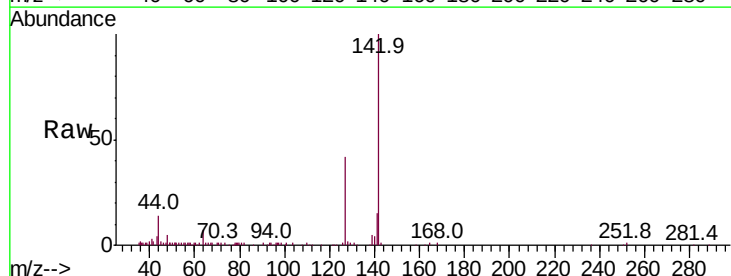
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

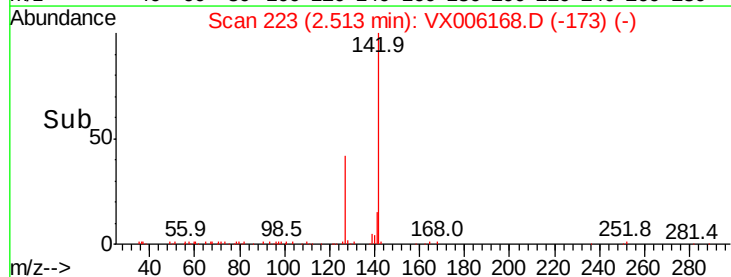
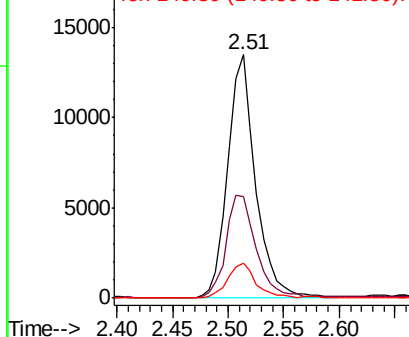
Lab File: VX006168.D

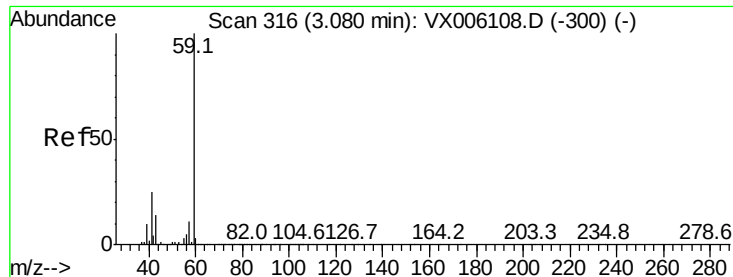
Acq: 26 Nov 2018 12:05

Tgt Ion:	142	Resp:	23427
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.0	54.0
141	14.6	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

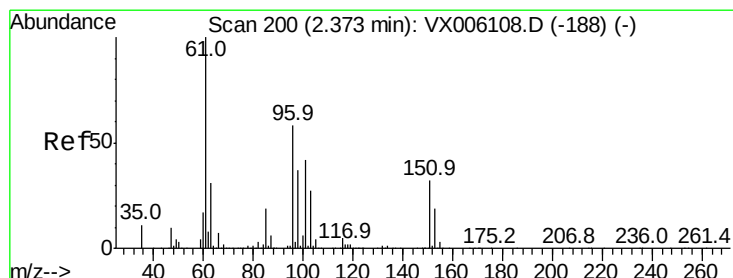
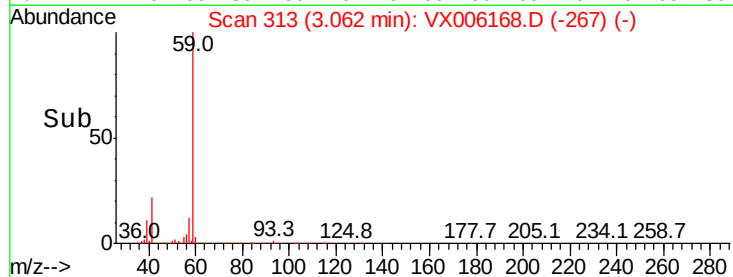
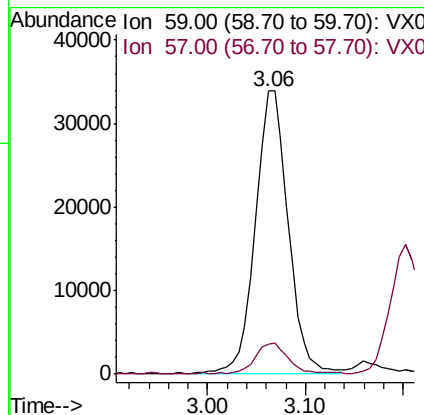
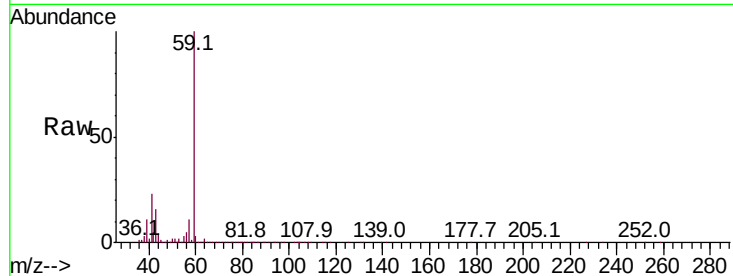
Tert butyl alcohol
Concen: 105.868 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.7	13.1

Manual Integrations
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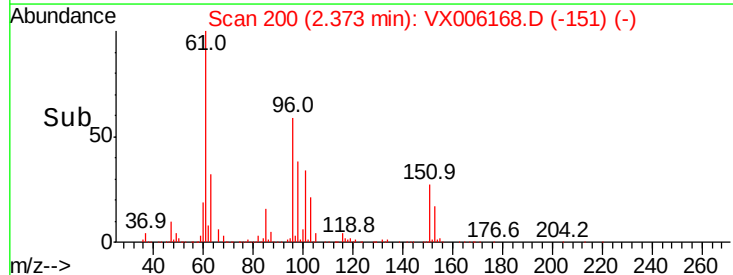
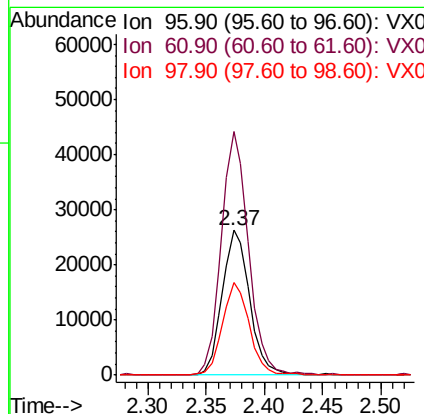
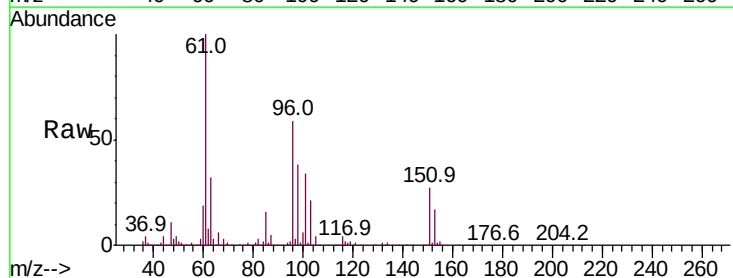
MMDadoda
11/27/2018 11:43:16 AM

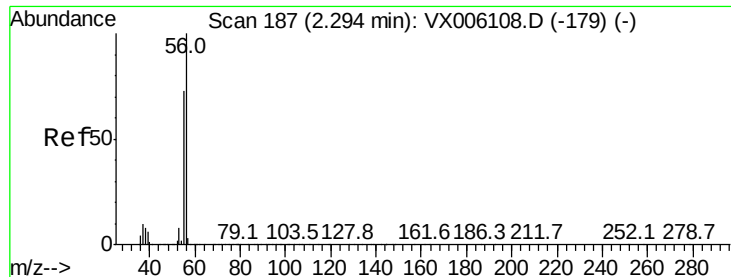


#12

1,1-Dichloroethene
Concen: 19.744 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	138.2	207.4
98	63.4	51.3	76.9





#13

Acrolein

Concen: 95.621 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 56 Resp: 42549

Ion Ratio Lower Upper

56 100

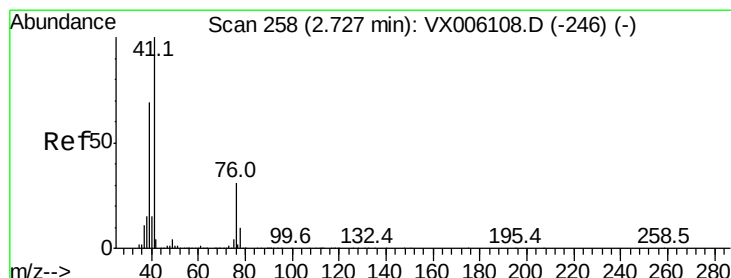
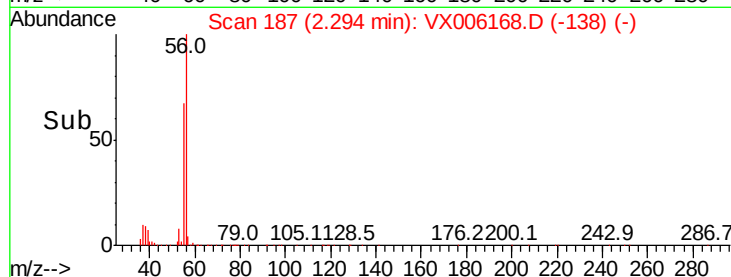
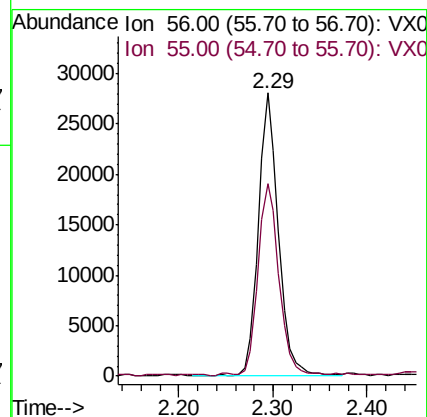
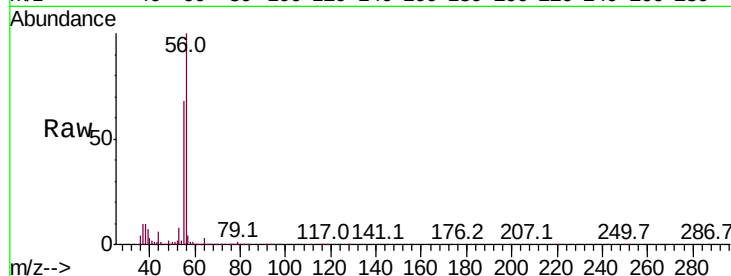
55 69.3 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.423 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

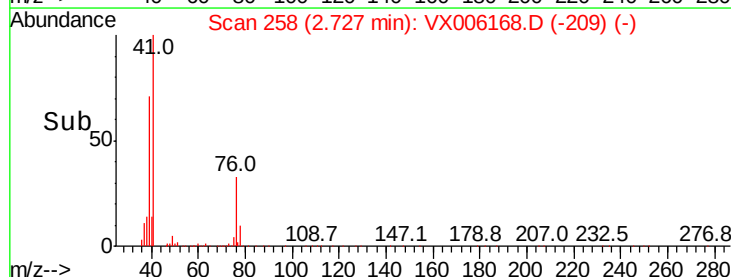
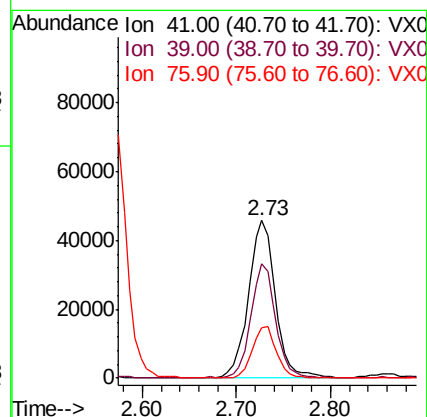
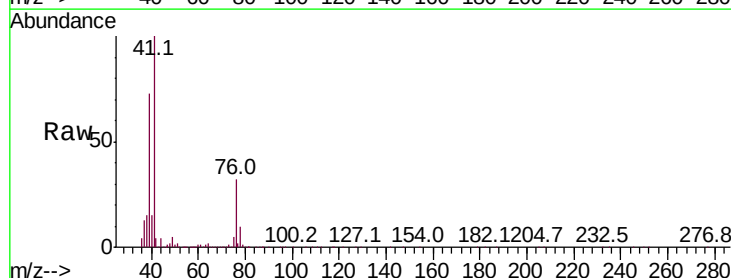
Tgt Ion: 41 Resp: 91016

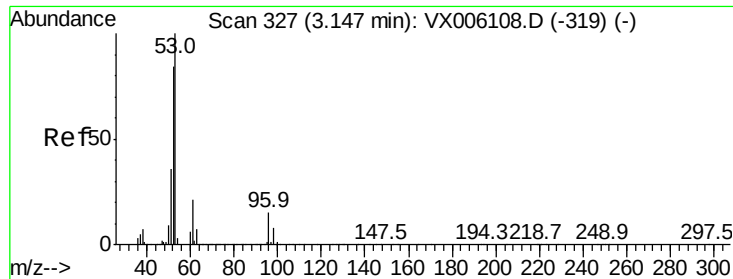
Ion Ratio Lower Upper

41 100

39 66.3 52.5 78.7

76 29.6 23.4 35.2





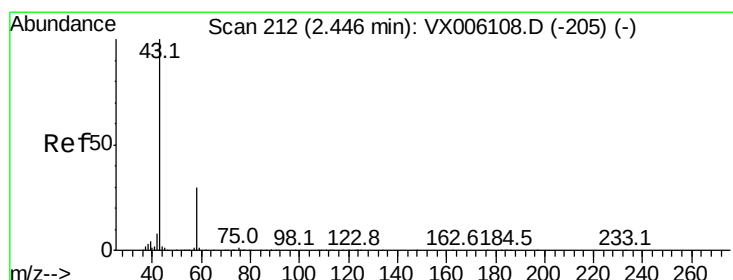
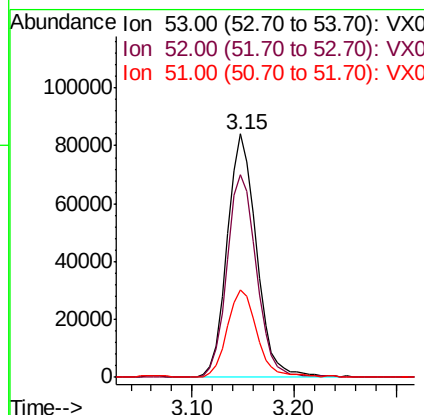
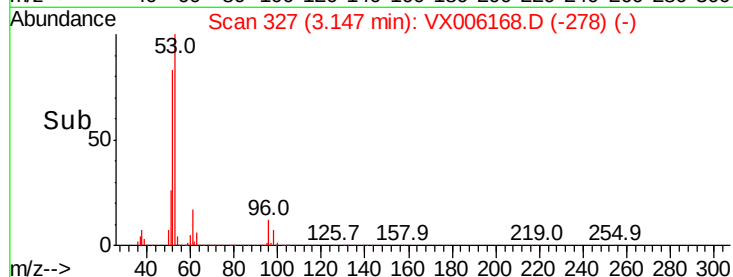
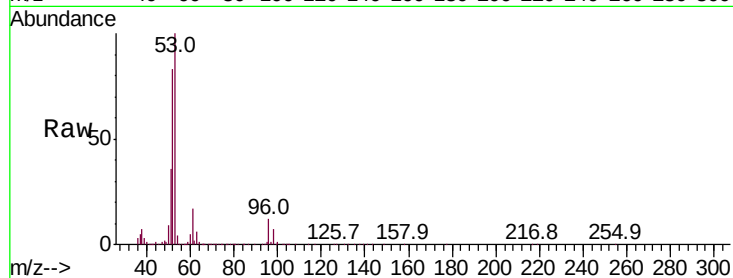
#15
Acrylonitrile
Concen: 100.940 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.4	99.6
51	36.6	29.4	44.0

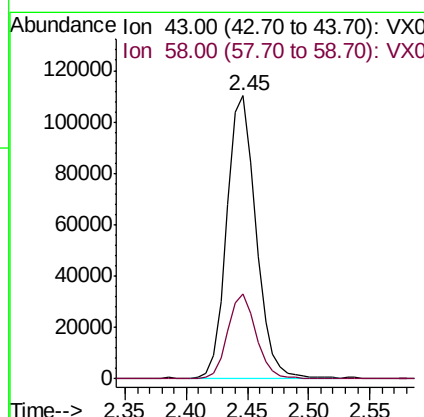
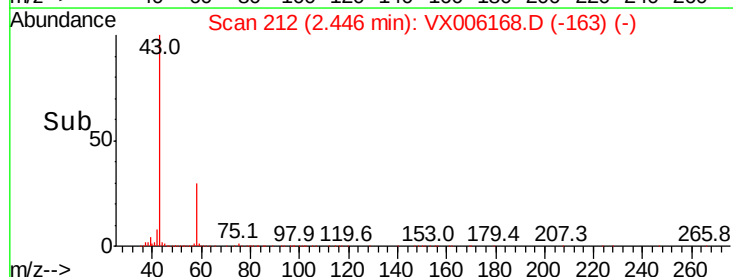
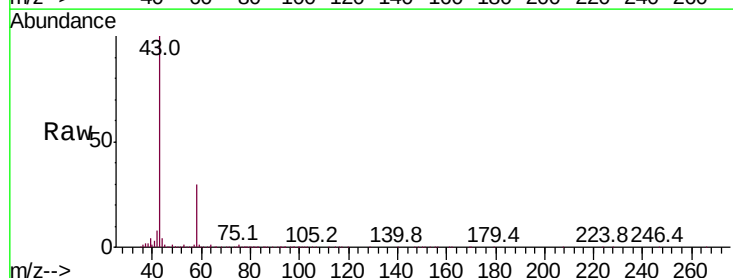
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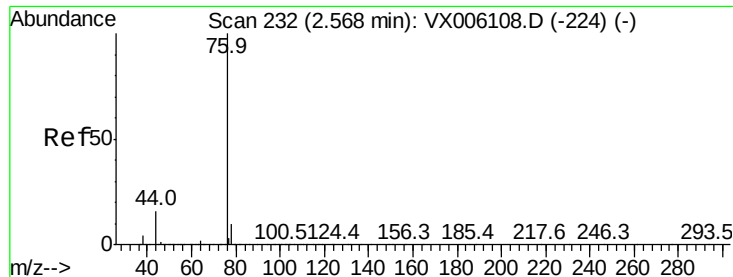
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#16
Acetone
Concen: 116.707 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.8





#17

Carbon Disulfide

Concen: 21.578 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 76 Resp: 126919

Ion Ratio Lower Upper

76 100

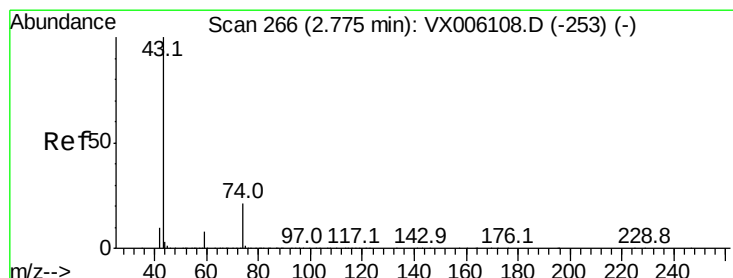
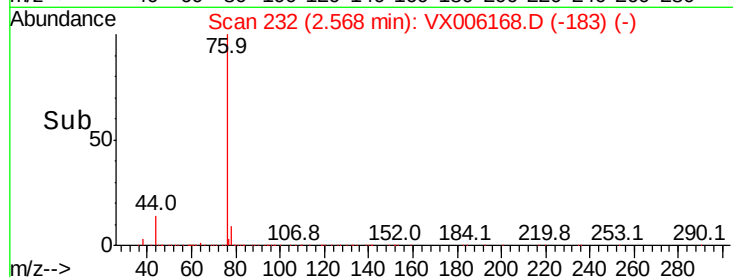
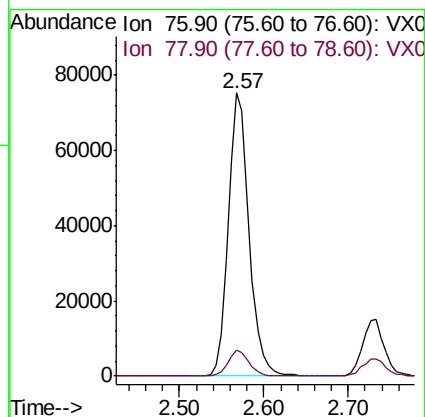
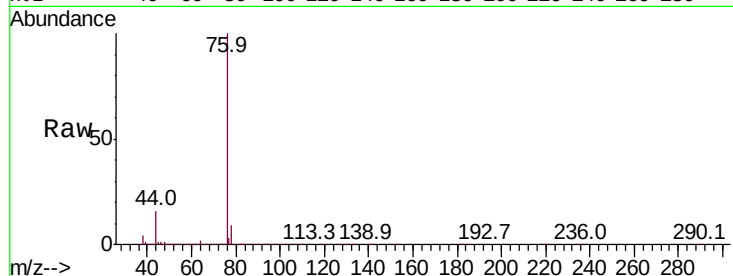
78 9.0 7.7 11.5

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#18

Methyl Acetate

Concen: 21.737 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006168.D

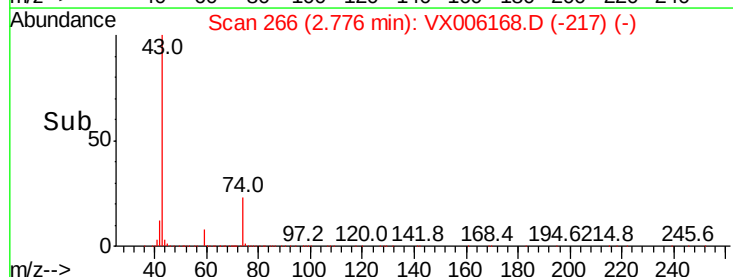
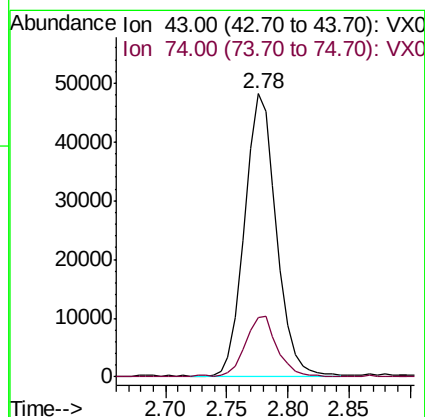
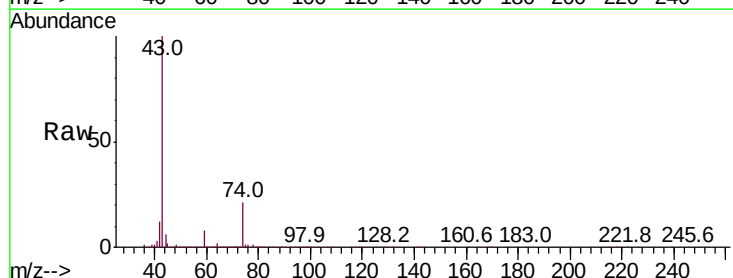
Acq: 26 Nov 2018 12:05

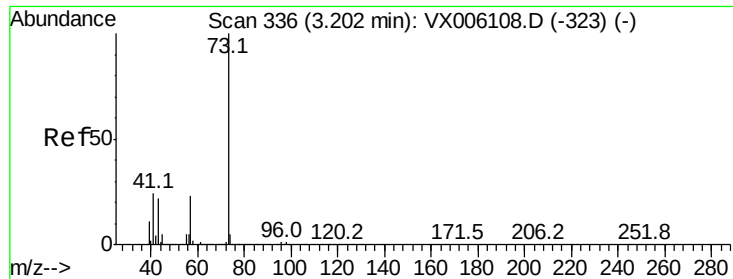
Tgt Ion: 43 Resp: 86469

Ion Ratio Lower Upper

43 100

74 22.1 17.3 25.9





#19

Methyl tert-butyl Ether

Concen: 20.442 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

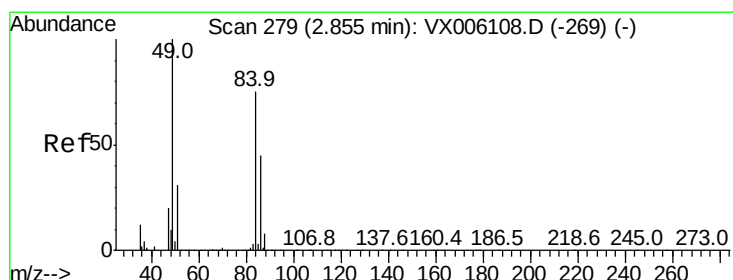
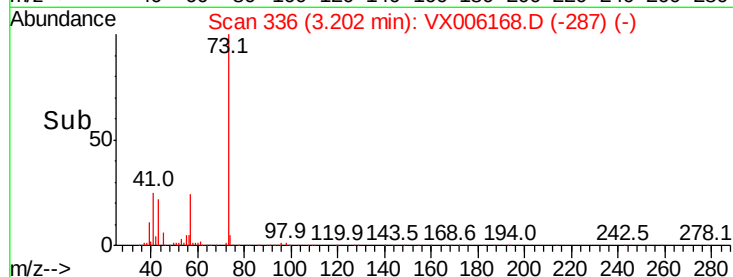
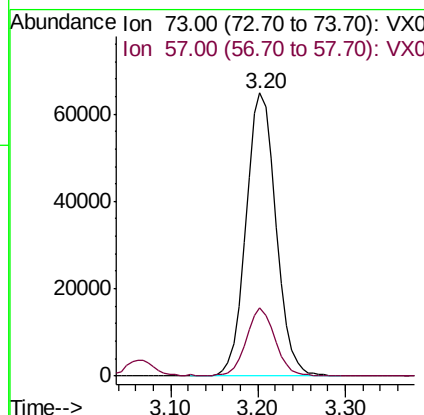
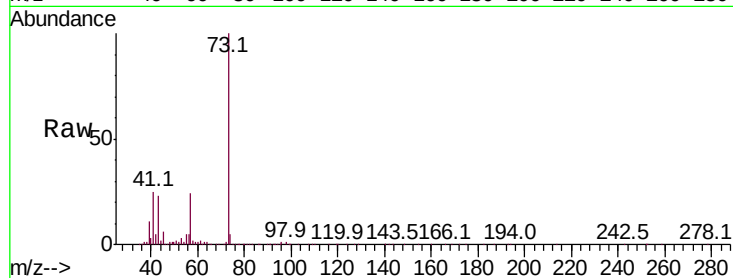
Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion: 73 Resp: 153913

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.2	27.4

Manual Integrations
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#20

Methylene Chloride

Concen: 20.786 ug/l

RT: 2.85 min Scan# 279

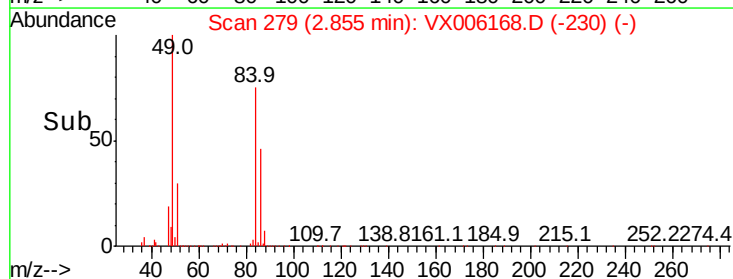
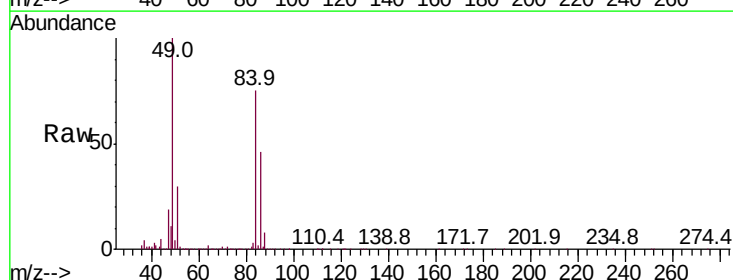
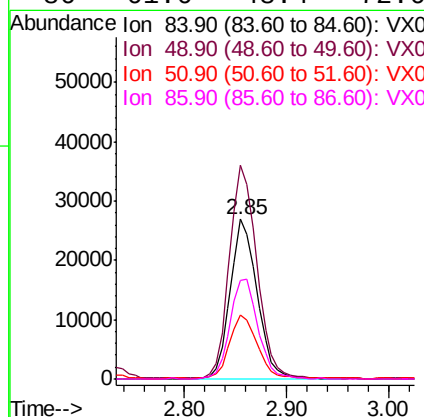
Delta R.T. 0.00 min

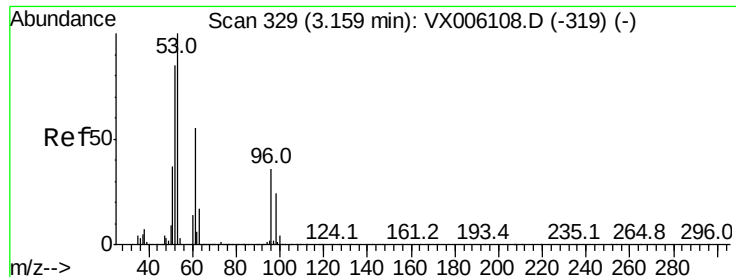
Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion: 84 Resp: 49279

Ion	Ratio	Lower	Upper
84	100		
49	133.5	106.6	159.8
51	39.7	32.6	49.0
86	61.6	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 20.578 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

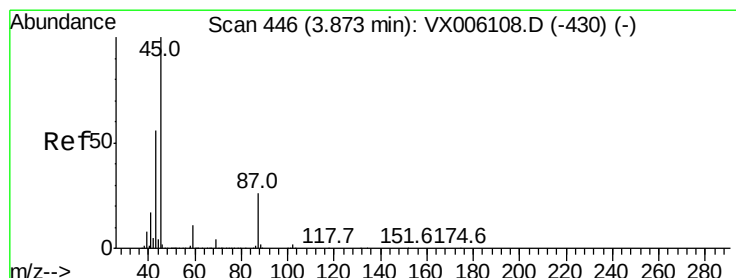
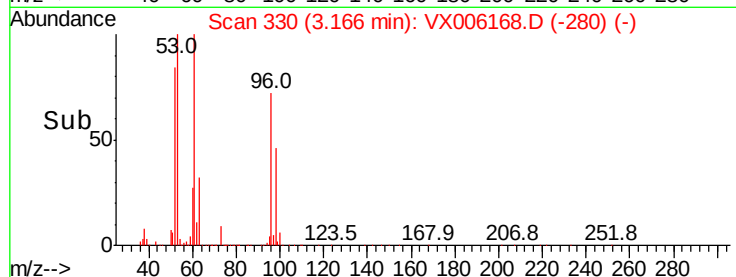
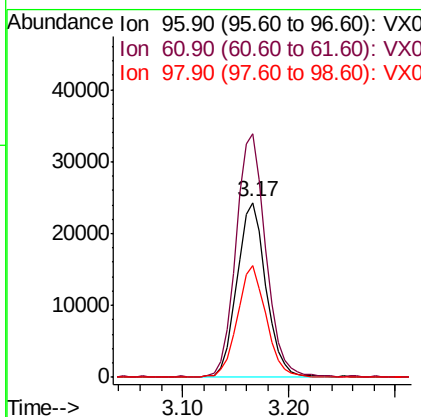
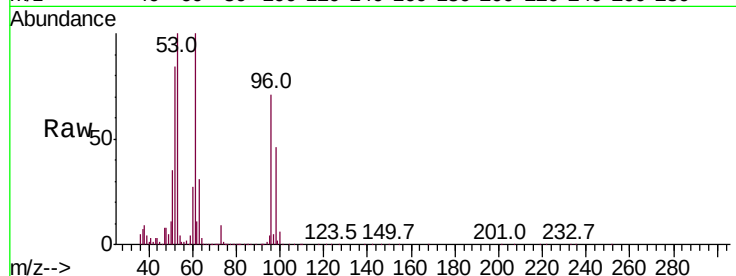
ClientSampleId :

VX1126WBS01

Tot Ion:	96	Resp:	46900
Ion	Ratio	Lower	Upper
96	100		
61	138.8	122.0	183.0
98	63.8	52.7	79.1

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#22

Diisopropyl ether

Concen: 21.376 ug/l

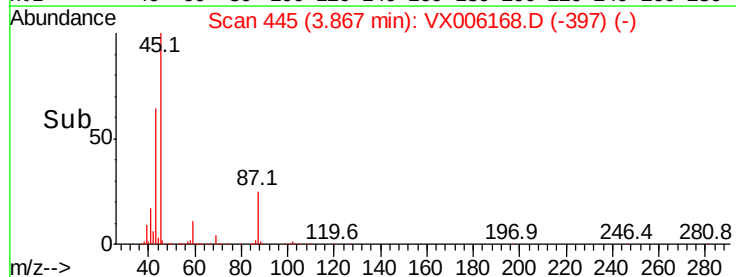
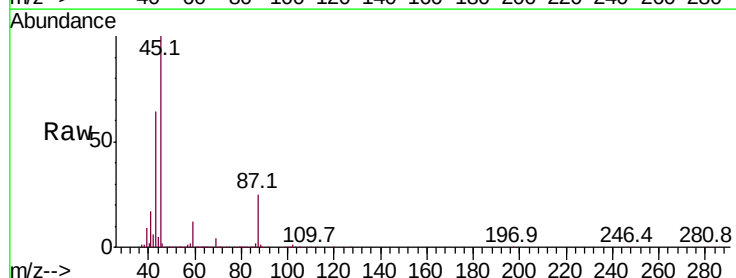
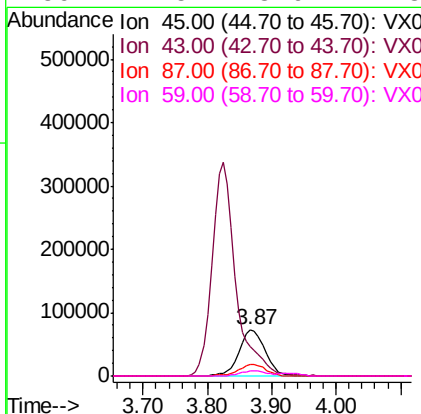
RT: 3.87 min Scan# 445

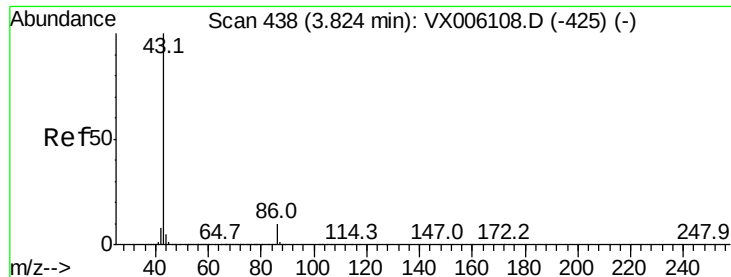
Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion:	45	Resp:	203937
Ion	Ratio	Lower	Upper
45	100		
43	63.5	45.8	68.8
87	24.9	21.0	31.4
59	11.5	8.6	12.8





#23

Vinyl Acetate

Concen: 110.293 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 43 Resp: 872969

Ion Ratio Lower Upper

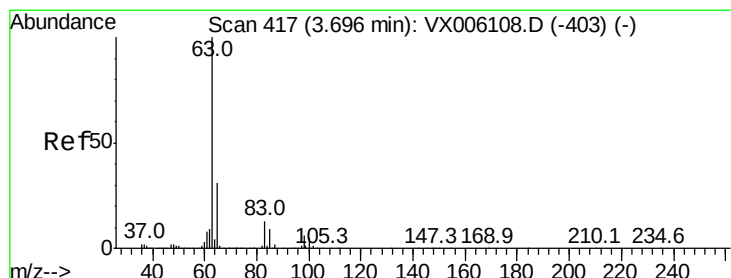
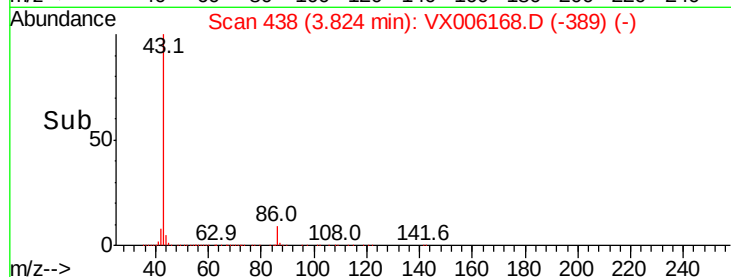
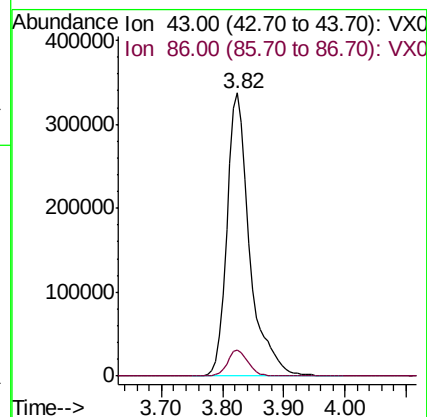
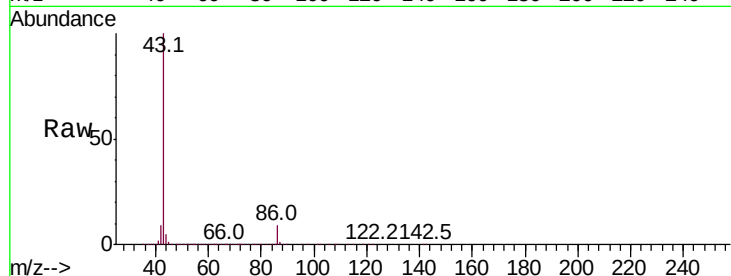
43 100

86 9.2 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 20.151 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

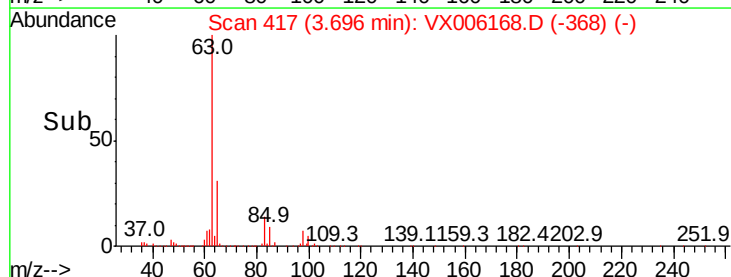
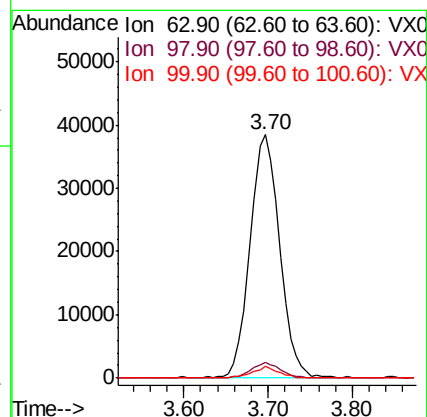
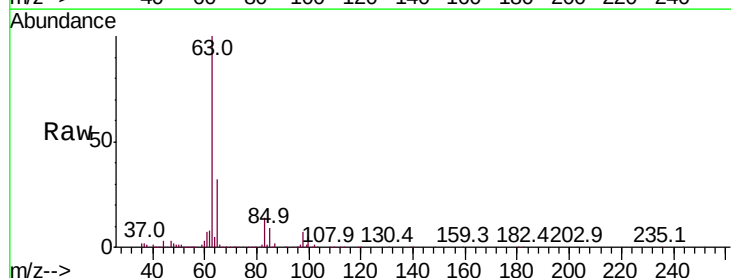
Tgt Ion: 63 Resp: 90572

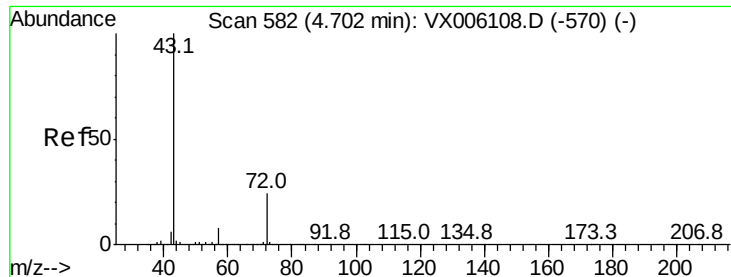
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 107.530 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 43 Resp: 309602

Ion Ratio Lower Upper

43 100

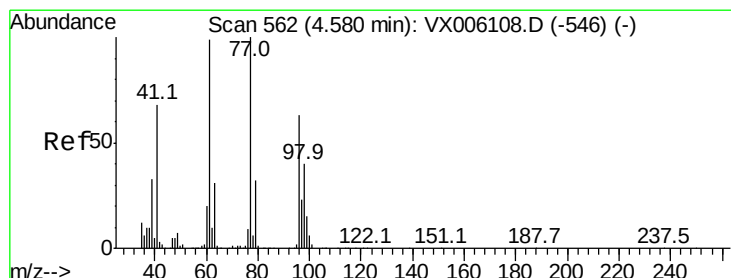
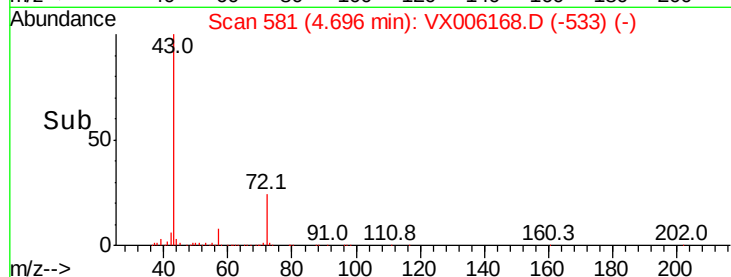
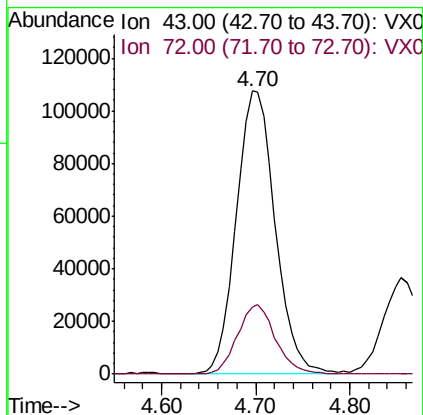
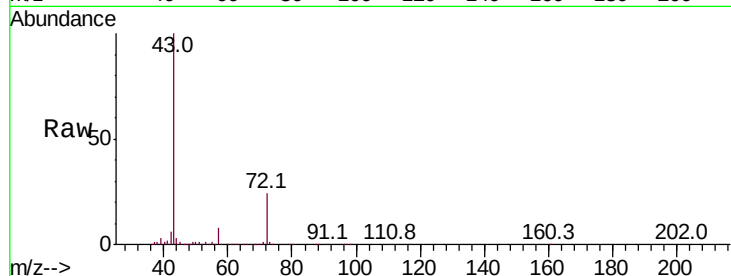
72 23.8 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.255 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006168.D

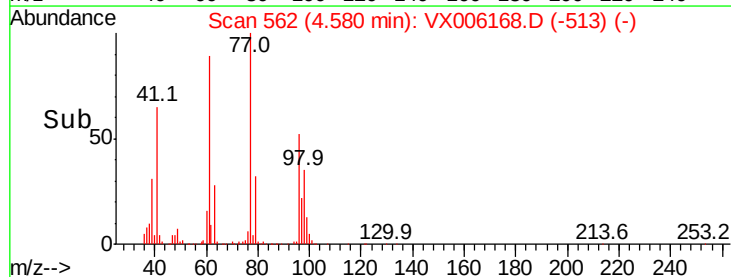
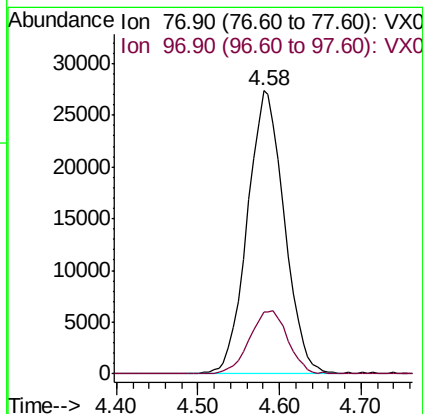
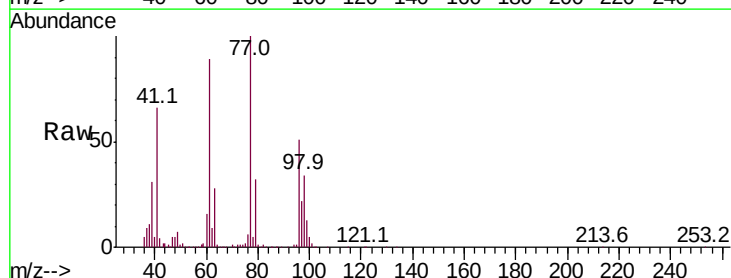
Acq: 26 Nov 2018 12:05

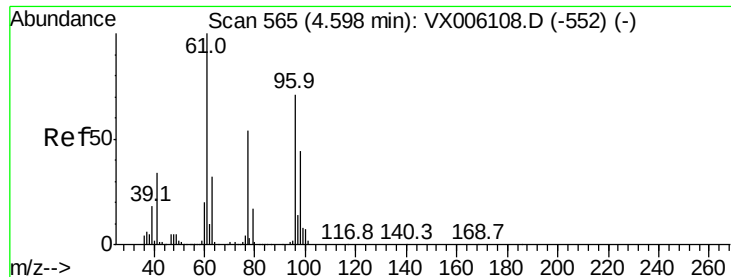
Tgt Ion: 77 Resp: 86148

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5





#27

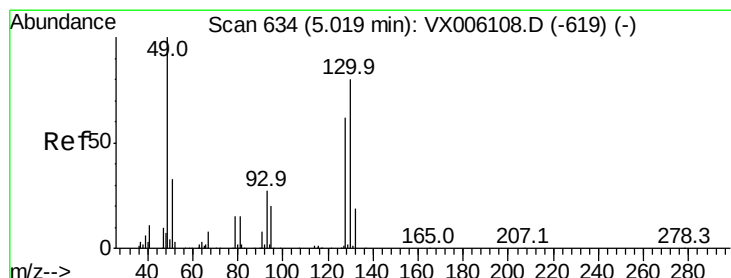
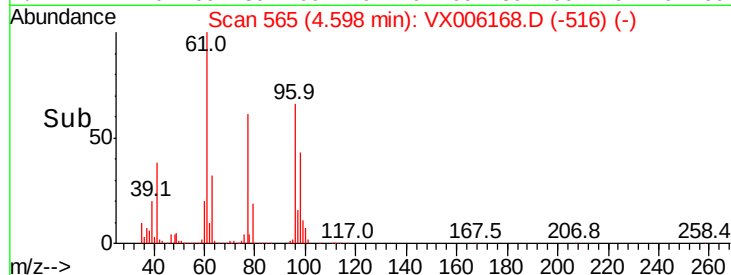
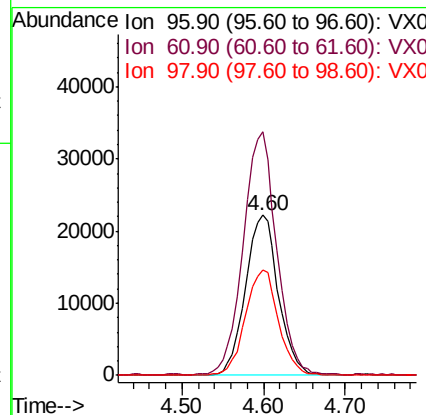
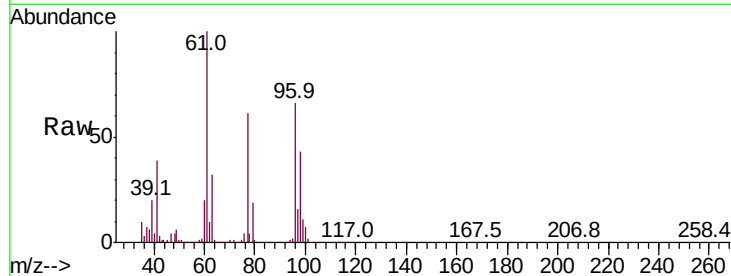
cis-1,2-Dichloroethene
Concen: 19.627 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	291.6
98	65.9	0.0	128.2

Manual Integrations
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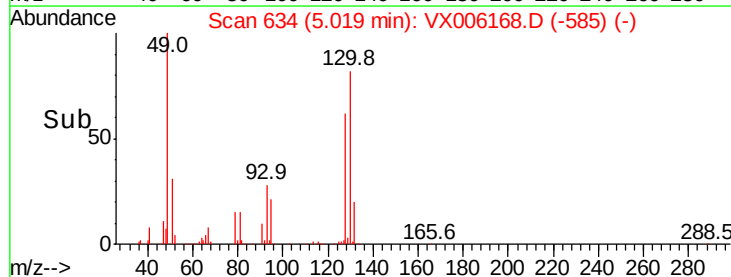
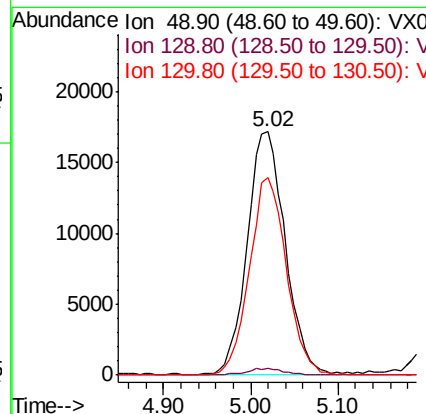
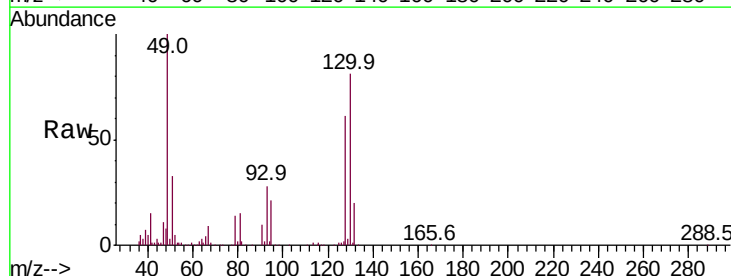
MMDadoda
11/27/2018 11:43:16 AM

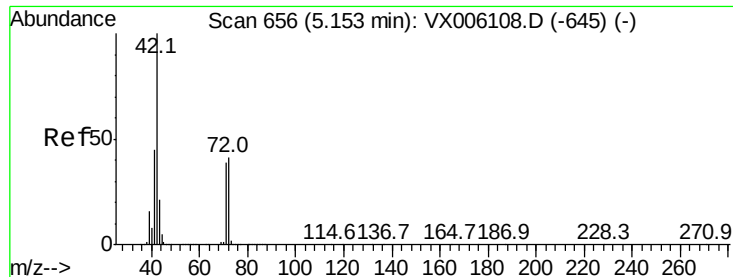


#28

Bromochloromethane
Concen: 19.821 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.0	61.6	92.4





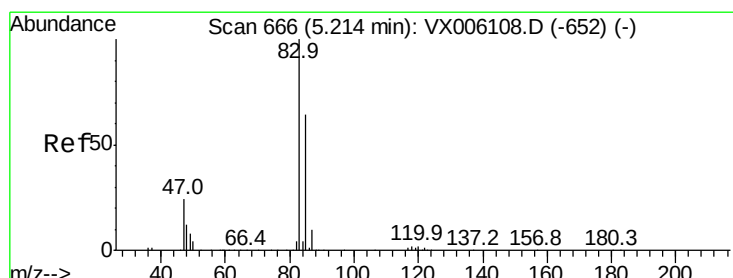
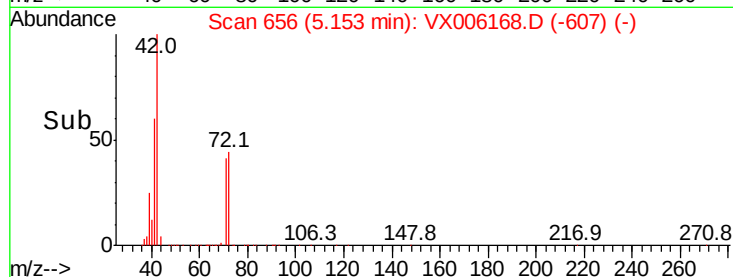
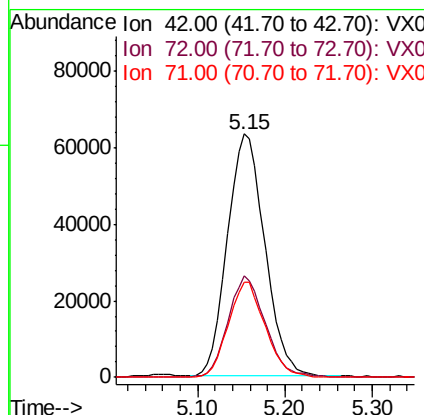
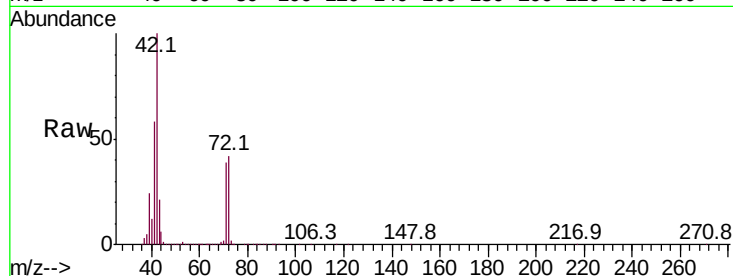
#29
Tetrahydrofuran
Concen: 104.964 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.0	49.6
71	39.0	31.0	46.4

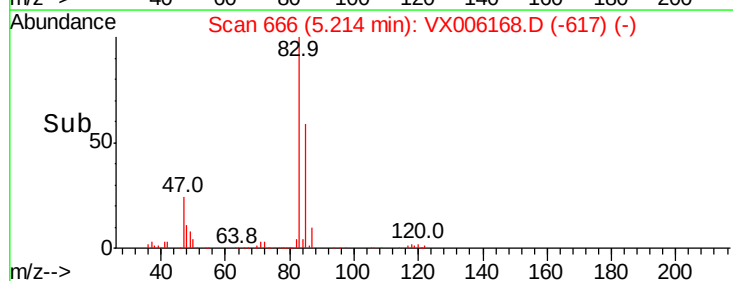
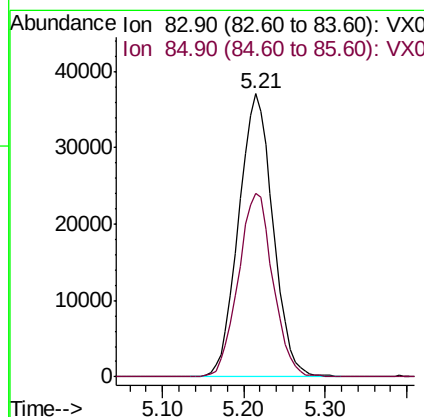
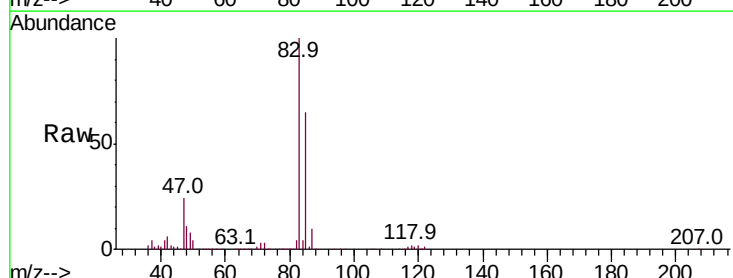
Manual Integrations
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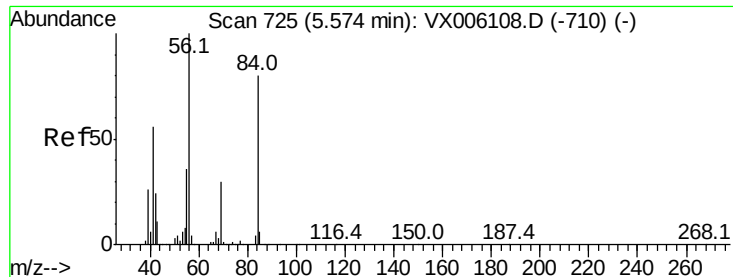
MMDadoda
11/27/2018 11:43:16 AM



#30
Chloroform
Concen: 19.929 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.4





#31

Cyclohexane

Concen: 19.576 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

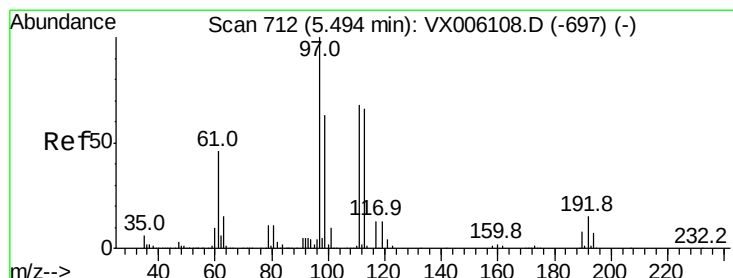
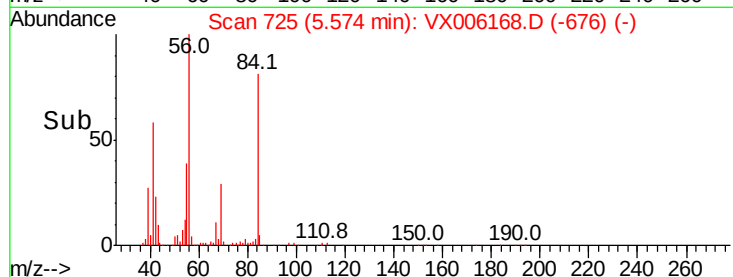
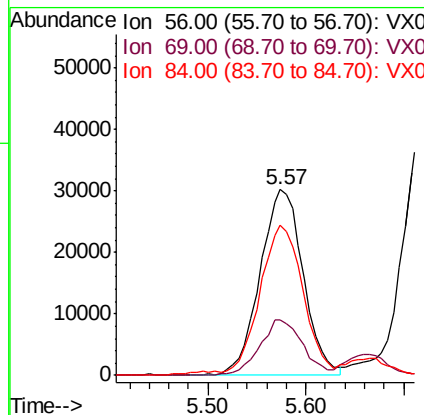
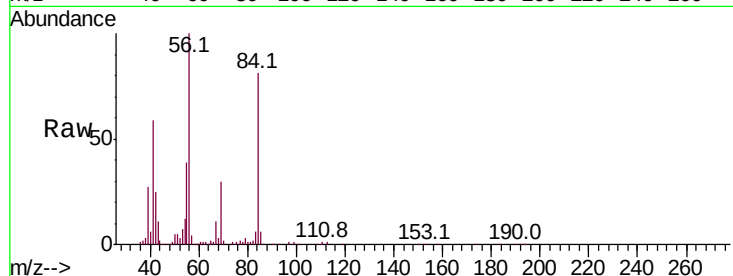
ClientSampleId :

VX1126WBS01

Tot Ion:	56	Resp:	91907
Ion Ratio	Lower	Upper	
56	100		
69	28.8	23.9	35.9
84	79.8	63.6	95.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.032 ug/l

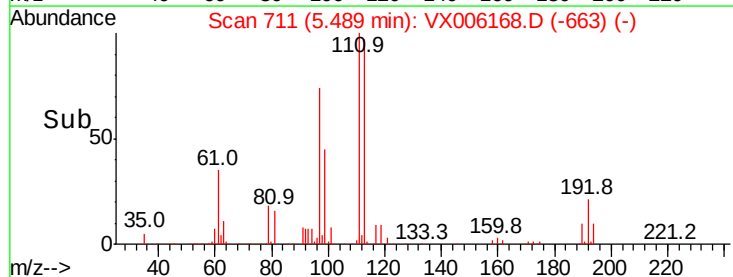
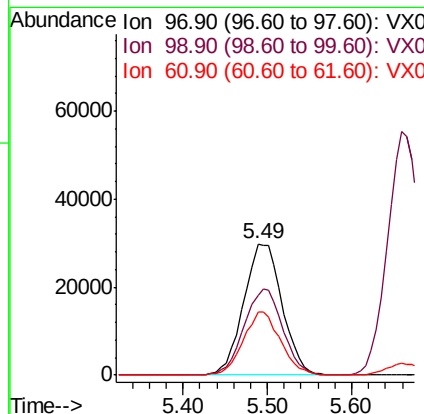
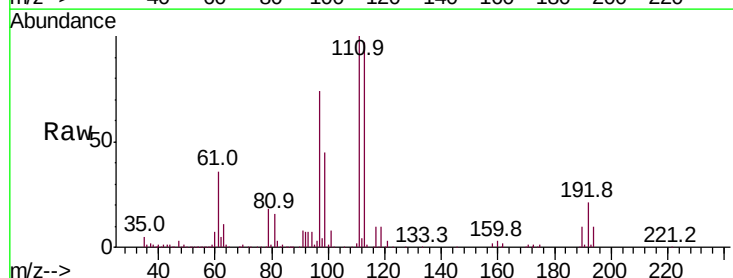
RT: 5.49 min Scan# 711

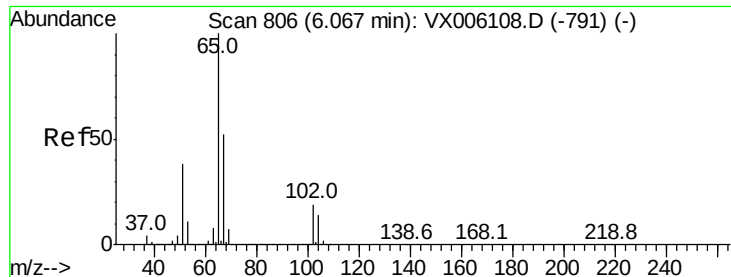
Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion:	97	Resp:	92499
Ion Ratio	Lower	Upper	
97	100		
99	65.7	51.6	77.4
61	46.1	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 52.447 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

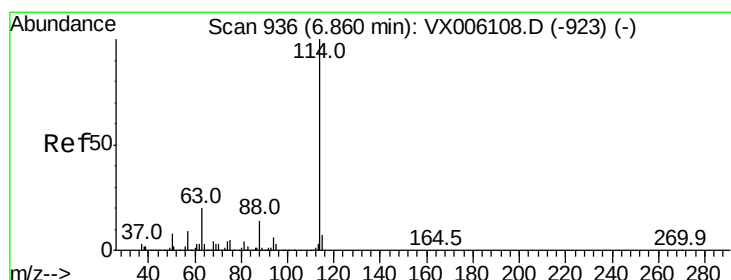
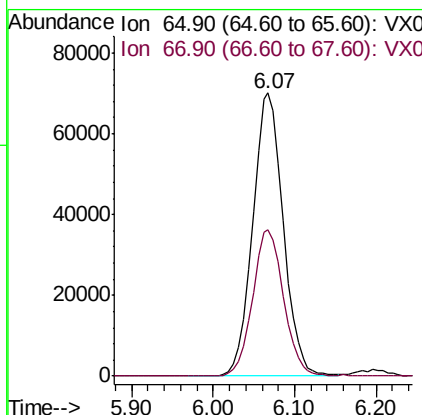
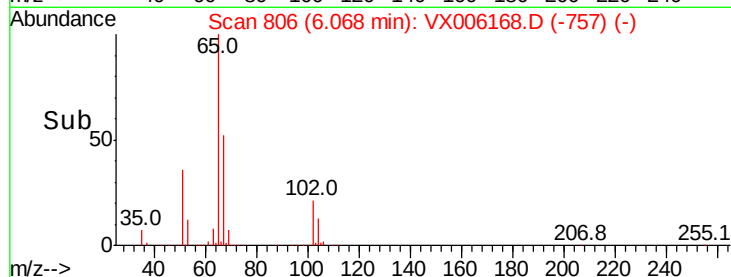
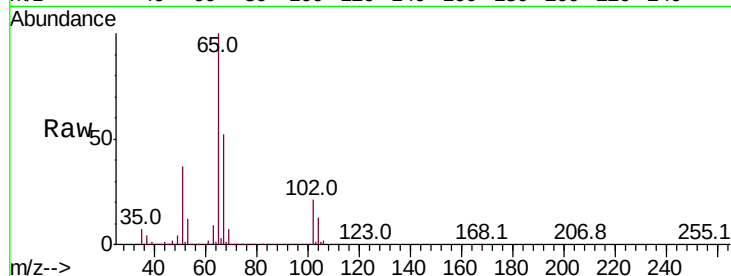
Instrument :
MSVOA_X

ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

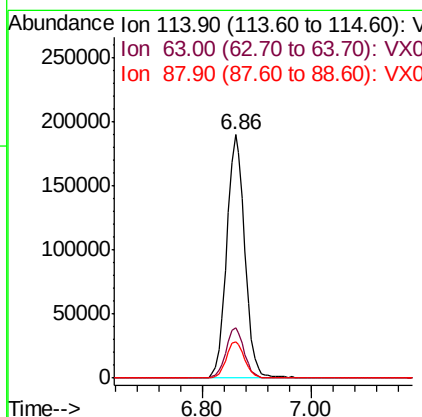
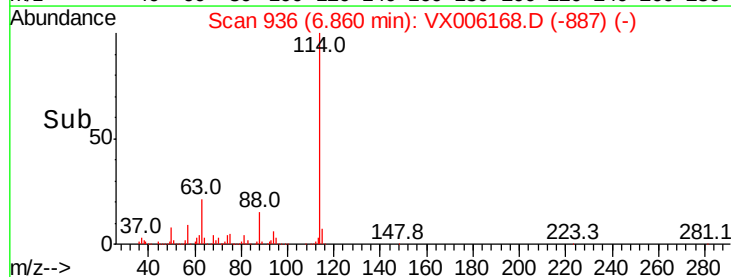
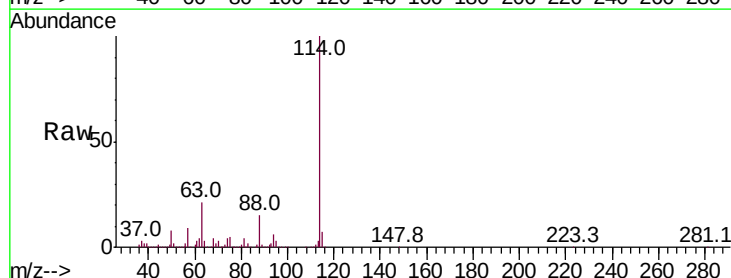
RT: 6.86 min Scan# 936

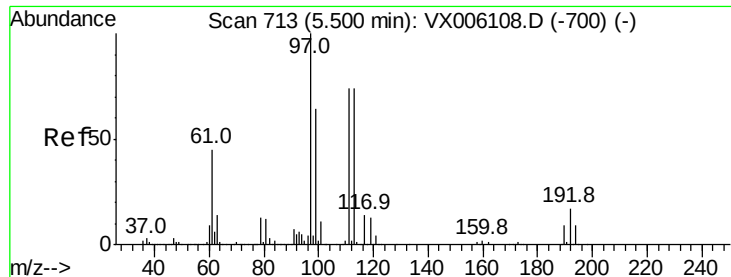
Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	15.1	0.0	28.6





#35

Dibromofluoromethane

Concen: 51.640 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

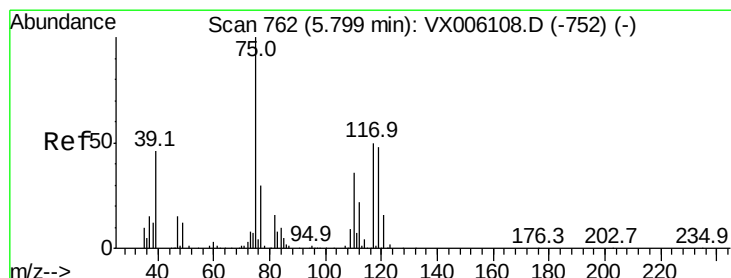
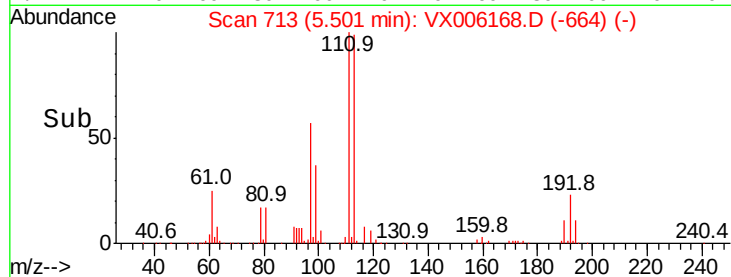
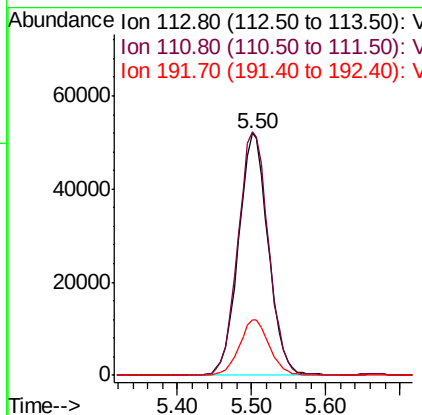
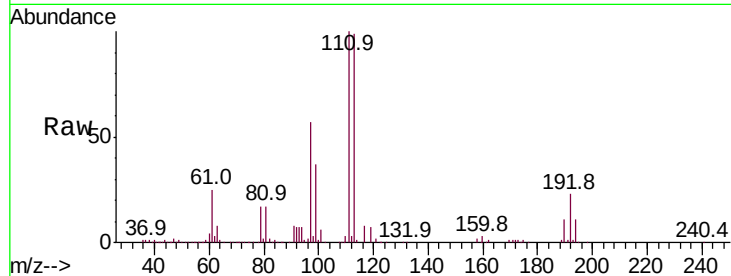
ClientSampleId :

VX1126WBS01

Tot Ion:	113	Resp:	145724
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.5	122.3
192	22.9	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.512 ug/l

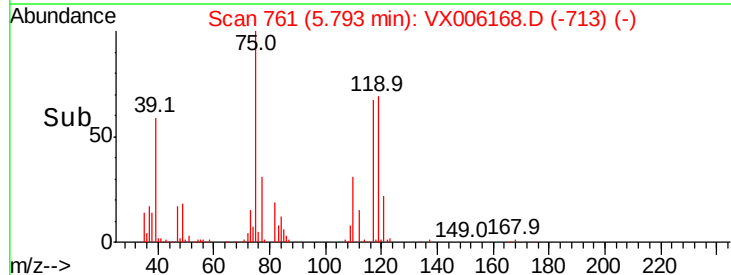
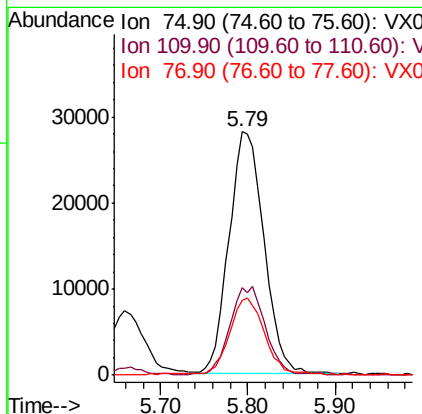
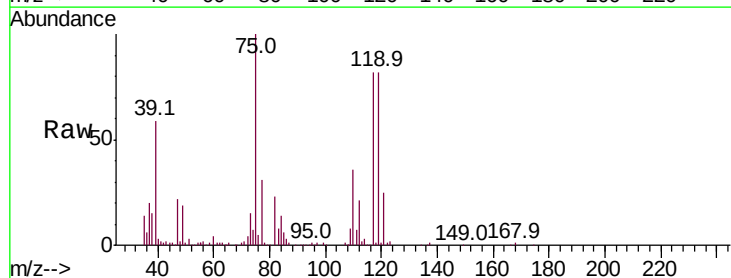
RT: 5.79 min Scan# 761

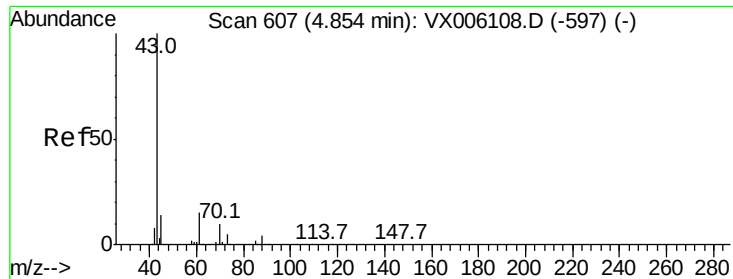
Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion:	75	Resp:	78036
Ion Ratio	Lower	Upper	
75	100		
110	37.5	17.8	53.3
77	31.0	24.5	36.7





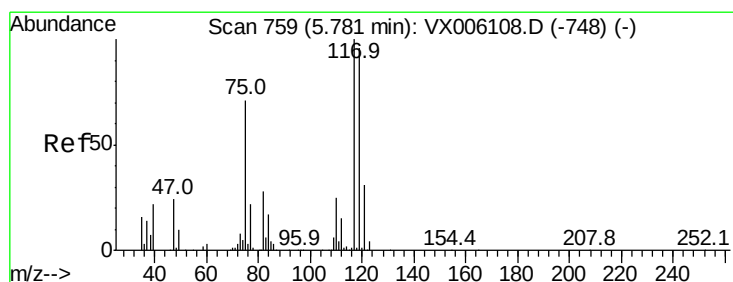
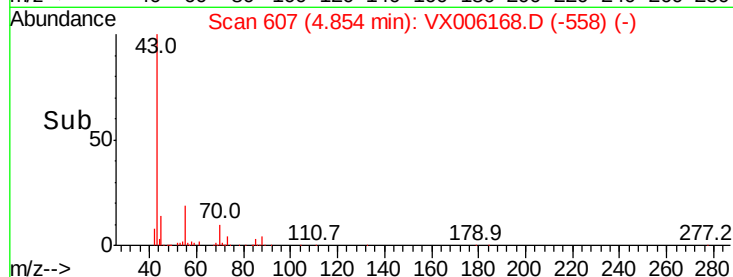
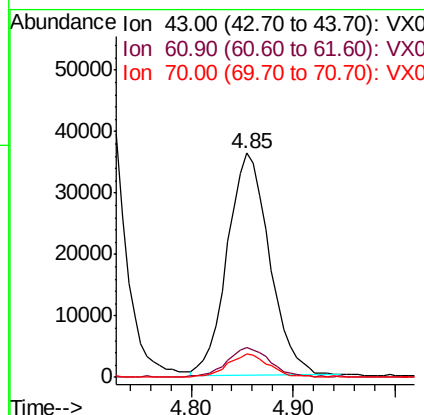
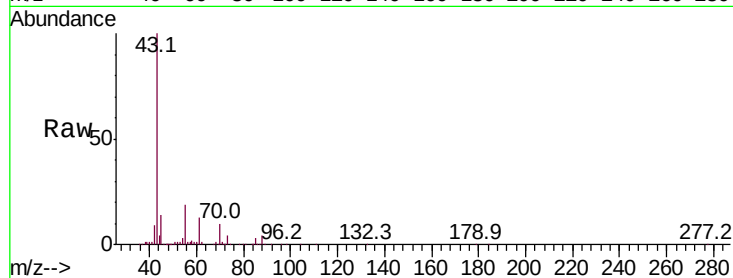
#37
Ethyl Acetate
Concen: 20.221 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.5	15.7
70	10.6	7.9	11.9

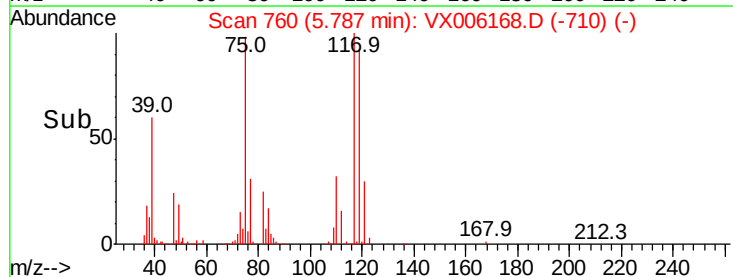
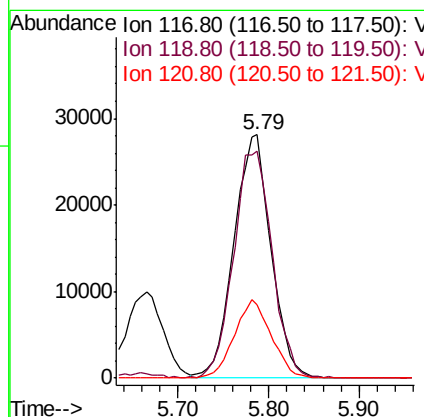
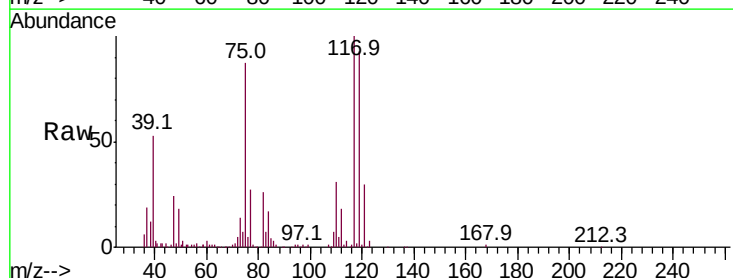
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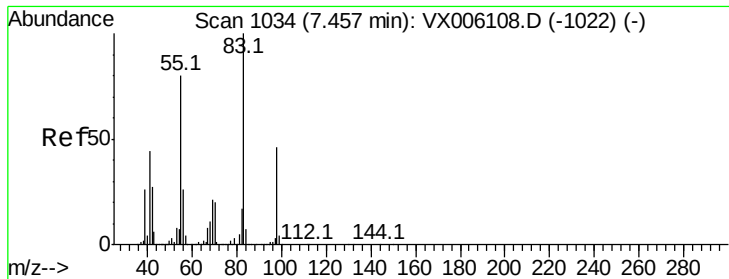
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.106 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
121	30.4	24.7	37.1





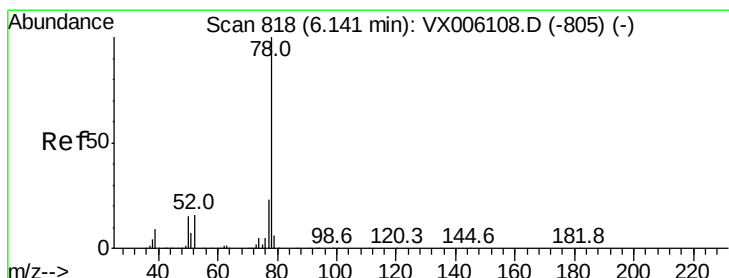
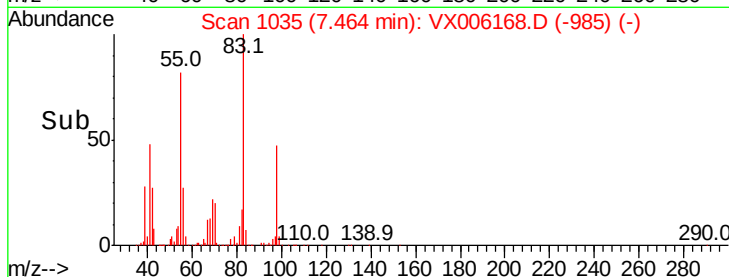
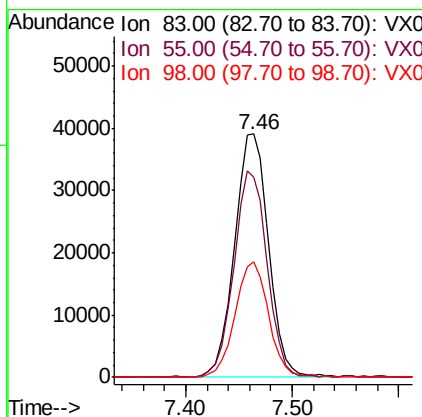
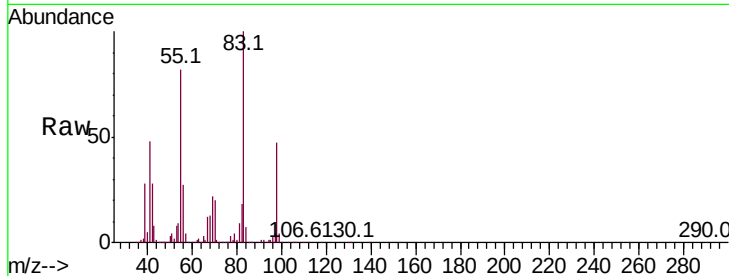
#39
Methylvlcyclohexane
Concen: 19.110 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	63.9	95.9
98	47.3	36.8	55.2

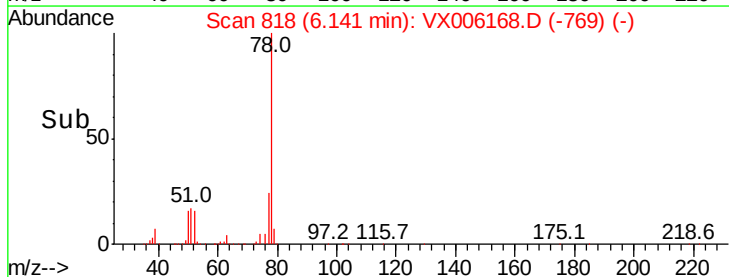
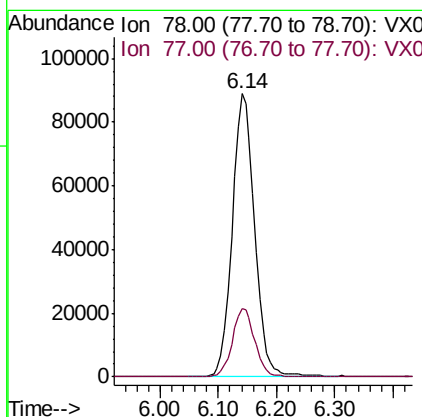
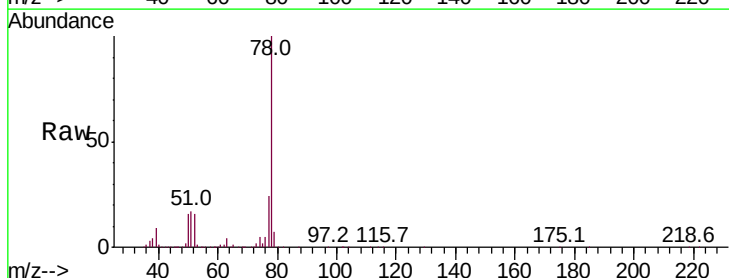
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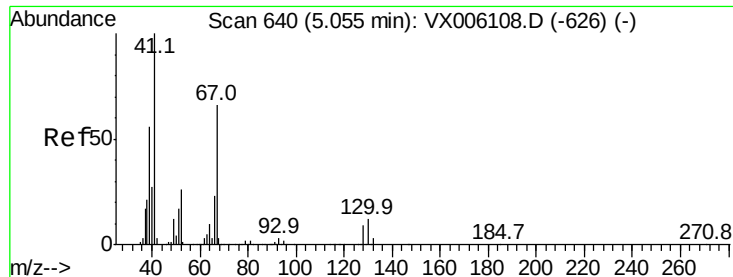
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#40
Benzene
Concen: 20.151 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





#41

Methacrylonitrile

Concen: 20.311 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 41 Resp: 57592

Ion Ratio Lower Upper

41 100

39 54.1 44.1 66.1

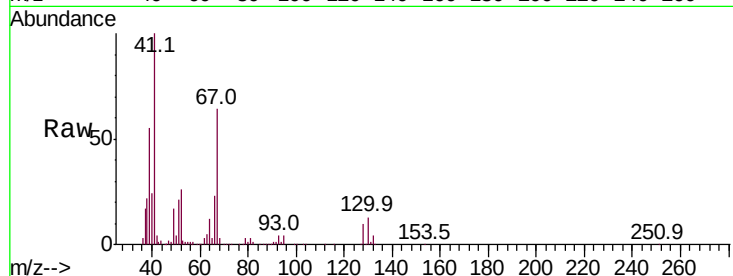
67 68.7 54.1 81.1

52 29.4 21.7 32.5

Manual Integrations
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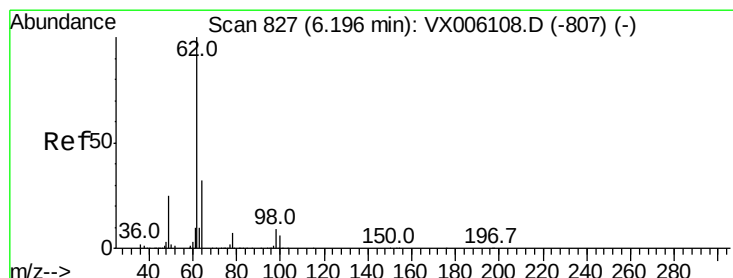
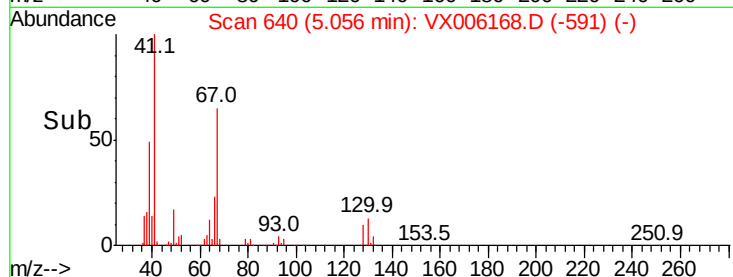
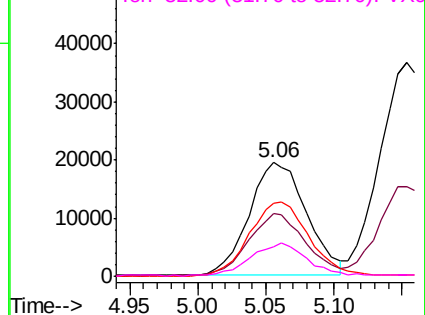


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.522 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006168.D

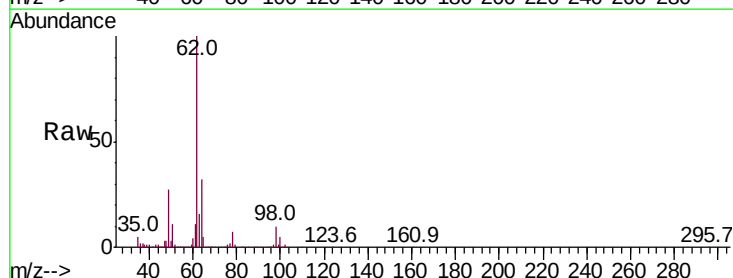
Acq: 26 Nov 2018 12:05

Tgt Ion: 62 Resp: 90401

Ion Ratio Lower Upper

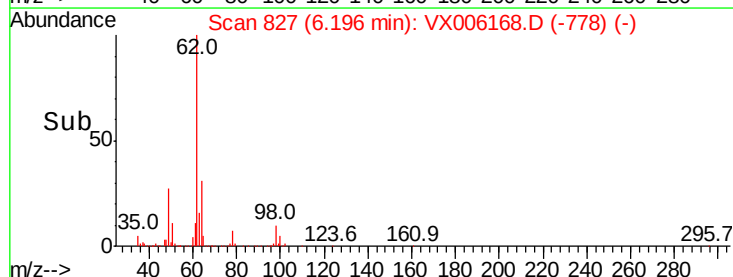
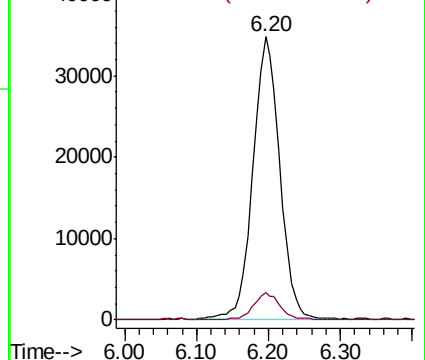
62 100

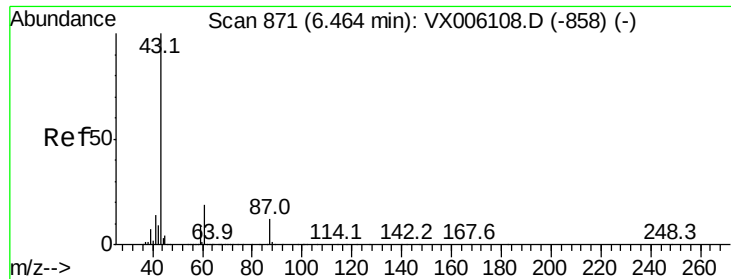
98 9.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.785 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

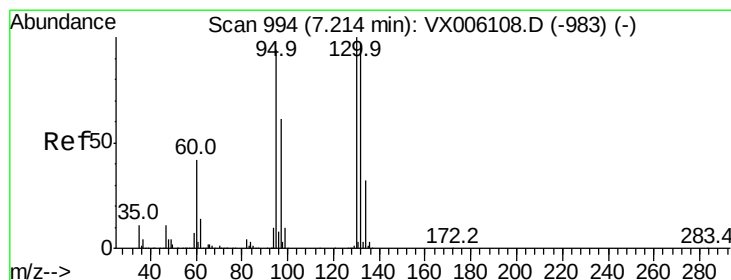
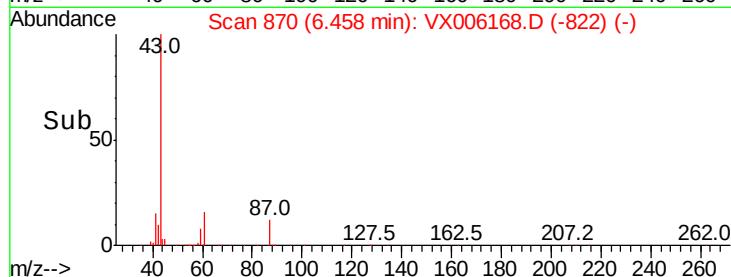
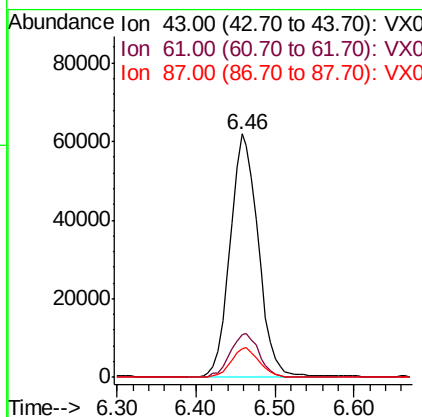
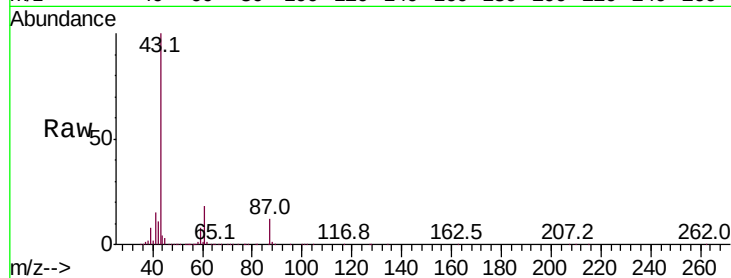
ClientSampleId :

VX1126WBS01

Tot Ion:	43	Resp:	154451
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.2	22.8
87	12.3	9.6	14.4

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#44

Trichloroethene

Concen: 19.465 ug/l

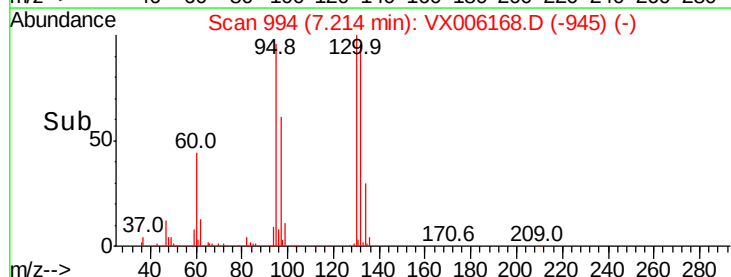
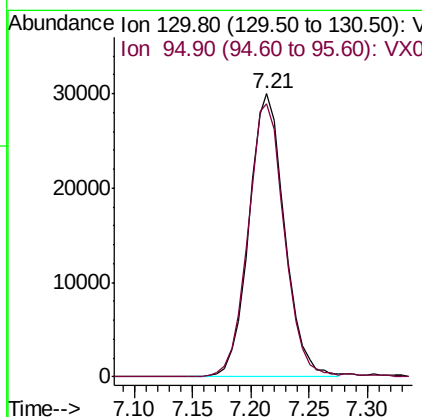
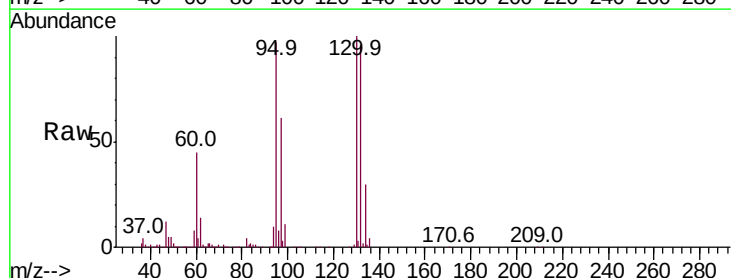
RT: 7.21 min Scan# 994

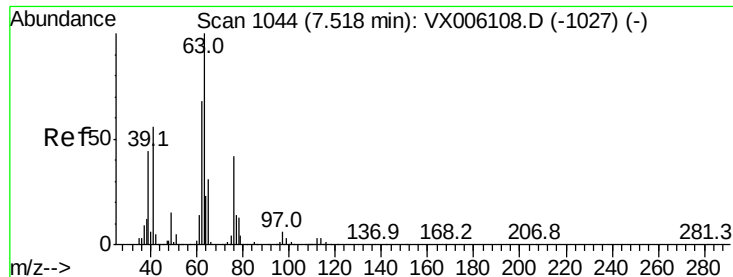
Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion:	130	Resp:	63743
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	188.8





#45

1,2-Dichloropropane

Concen: 20.507 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 63 Resp: 63946

Ion Ratio Lower Upper

63 100

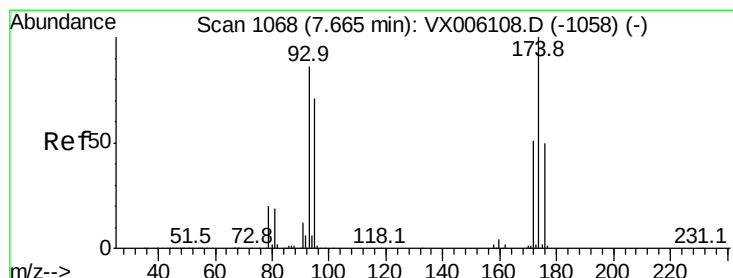
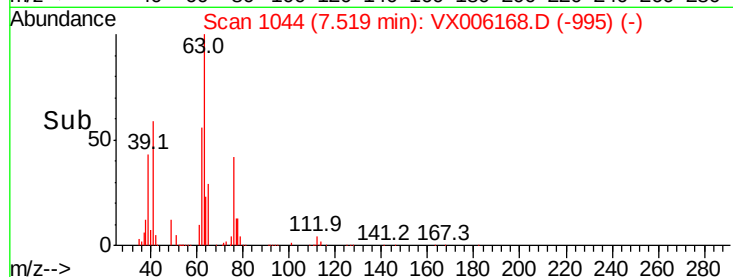
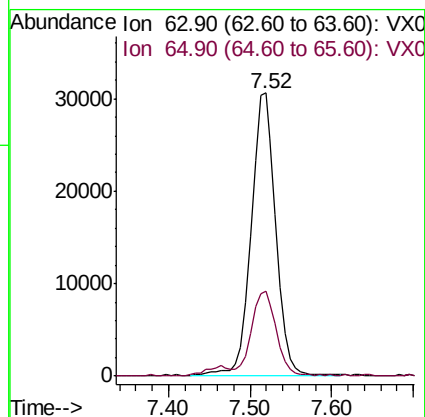
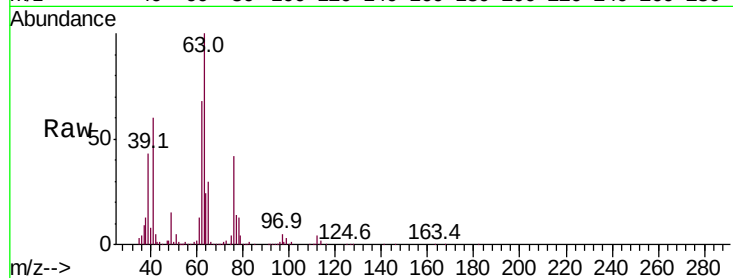
65 29.7 24.8 37.2

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#46

Dibromomethane

Concen: 19.926 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

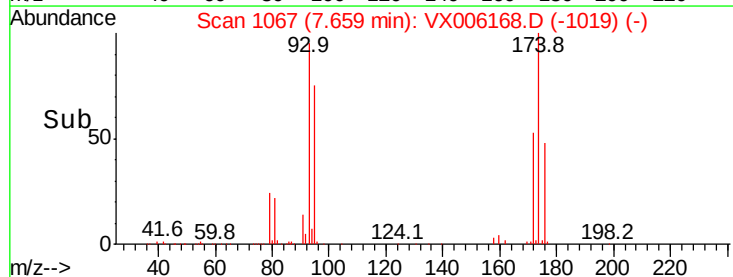
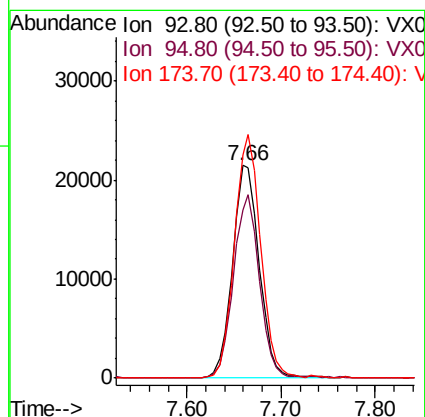
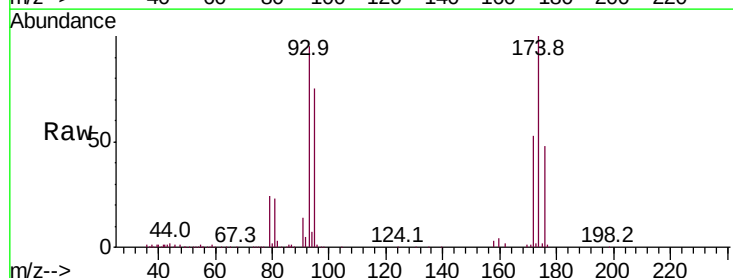
Tgt Ion: 93 Resp: 42551

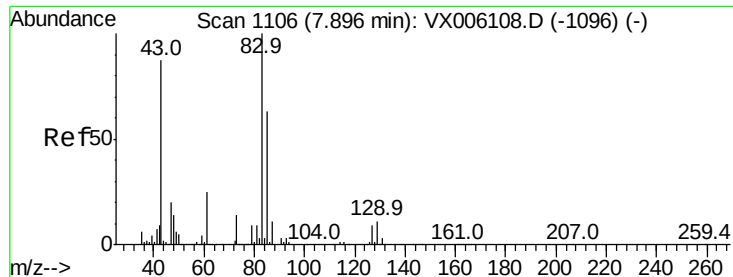
Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

174 111.7 91.0 136.6





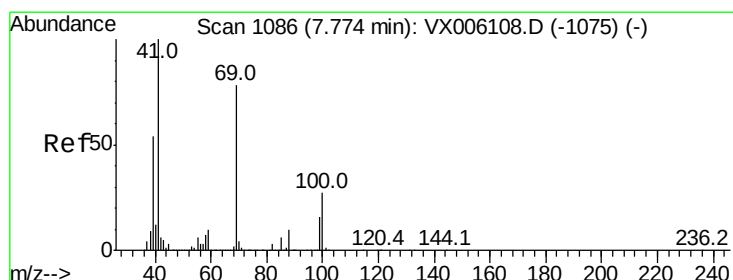
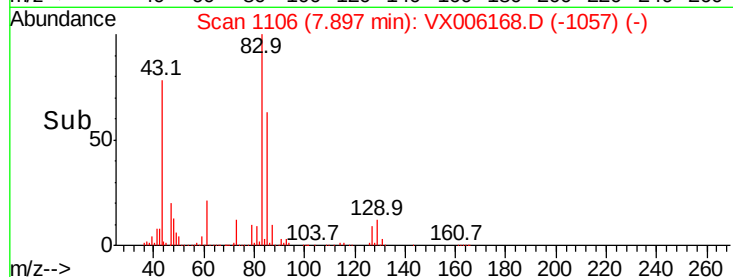
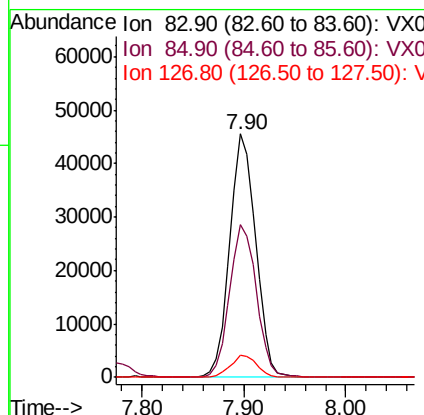
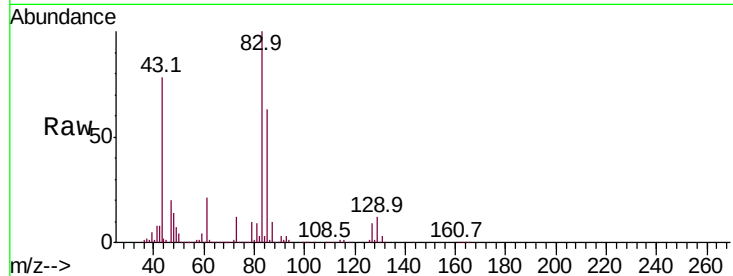
#47
Bromodichloromethane
Concen: 20.396 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	80557		
85	62.6		50.4	75.6
127	9.0		7.0	10.4

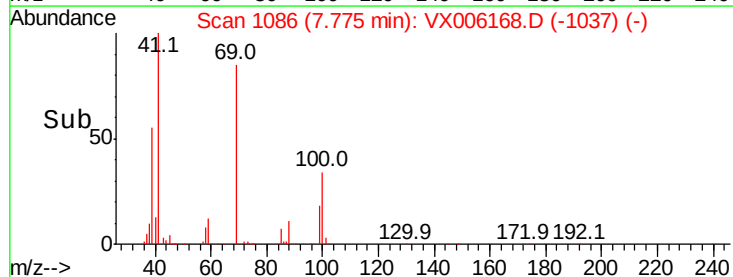
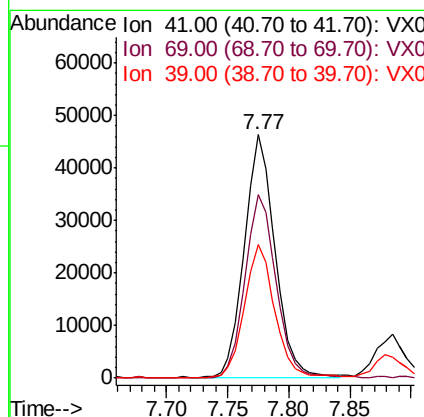
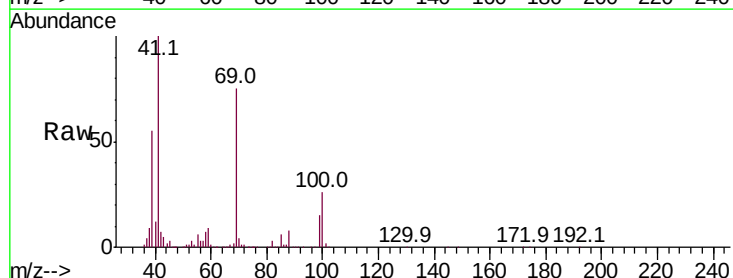
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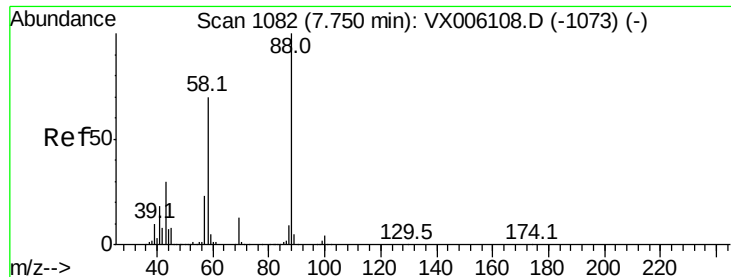
MMDadoda
11/27/2018 11:43:16 AM



#48
Methyl methacrylate
Concen: 21.318 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	80339		
69	77.5		62.8	94.2
39	55.3		43.8	65.6





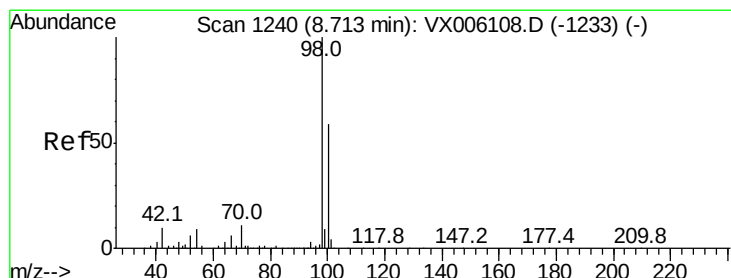
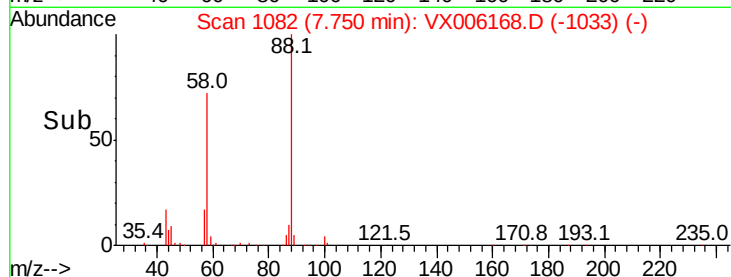
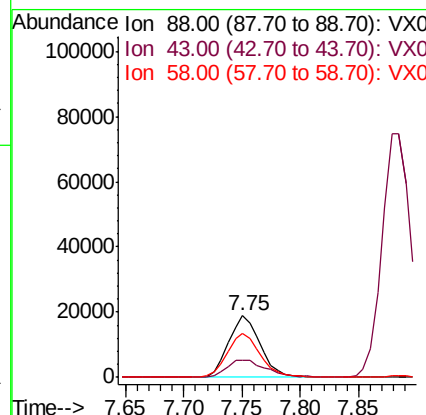
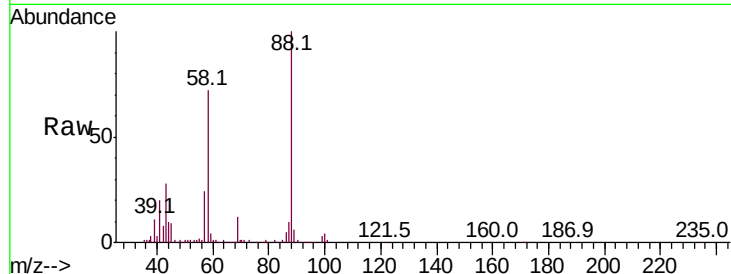
#49
1,4-Dioxane
Concen: 401.647 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	26.7	40.1
58	74.3	58.5	87.7

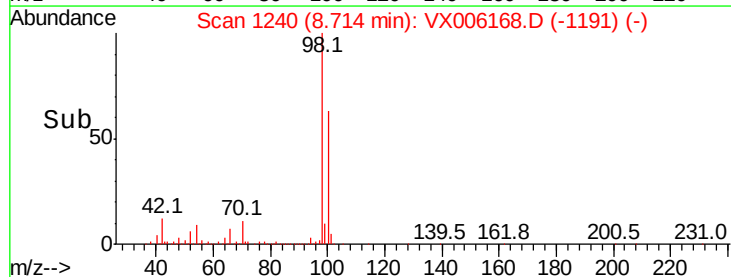
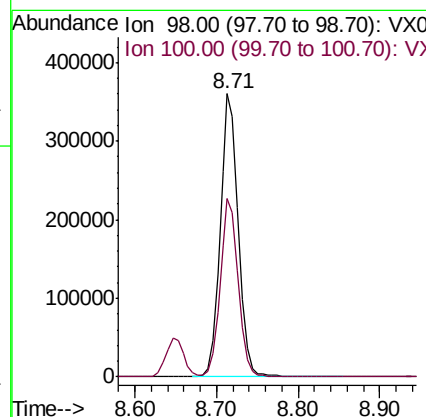
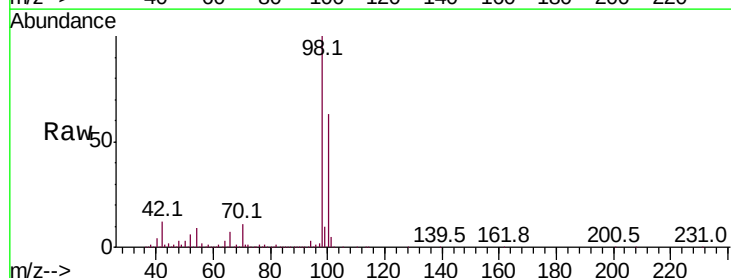
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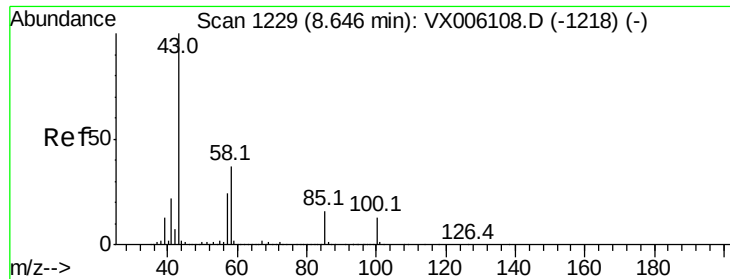
MMDadoda
11/27/2018 11:43:16 AM



#50
Toluene-d8
Concen: 51.594 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 104.129 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 43 Resp: 554707

Ion Ratio Lower Upper

43 100

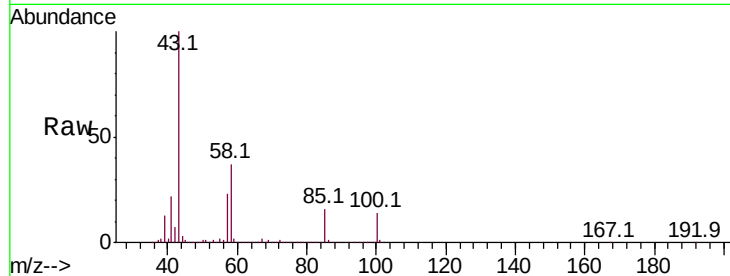
58 37.8 29.9 44.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

300000

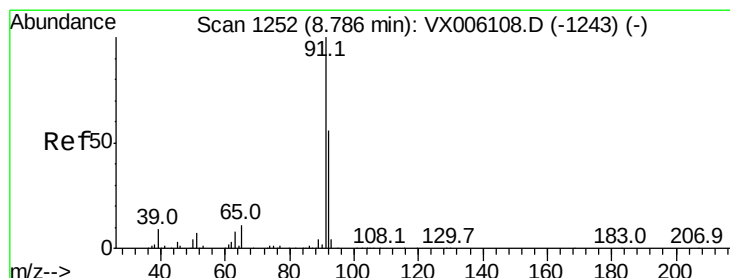
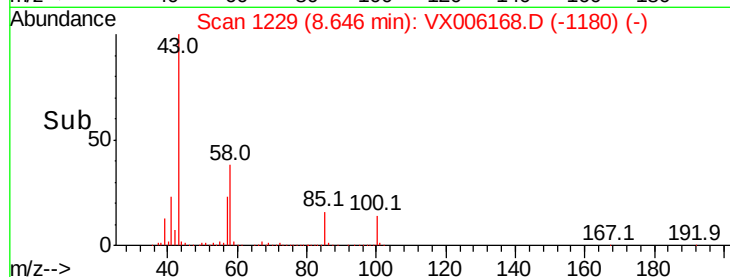
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 20.445 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006168.D

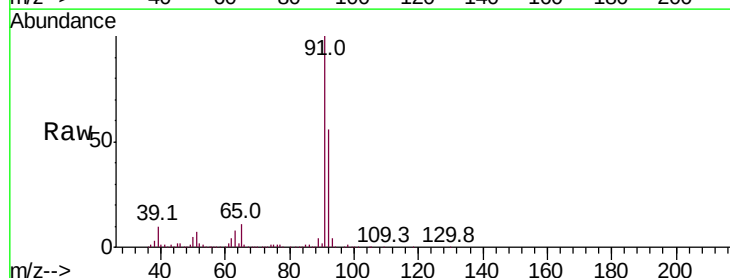
Acq: 26 Nov 2018 12:05

Tgt Ion: 92 Resp: 149004

Ion Ratio Lower Upper

92 100

91 178.7 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

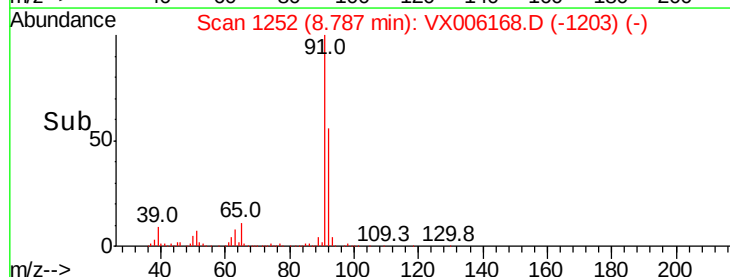
100000

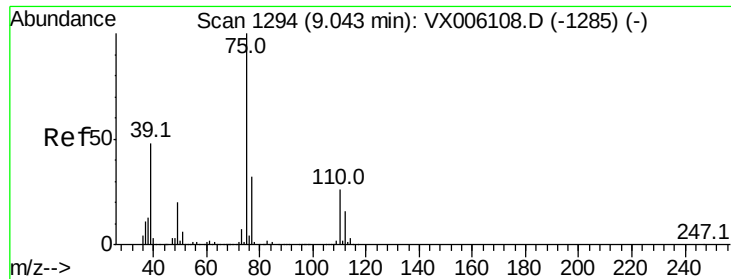
50000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.505 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 75 Resp: 84514

Ion Ratio Lower Upper

75 100

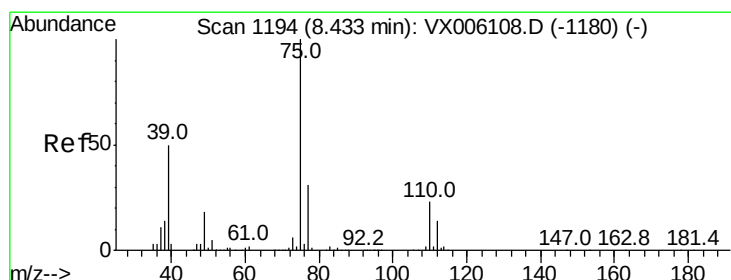
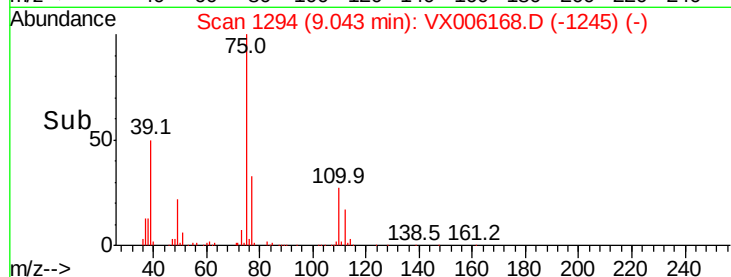
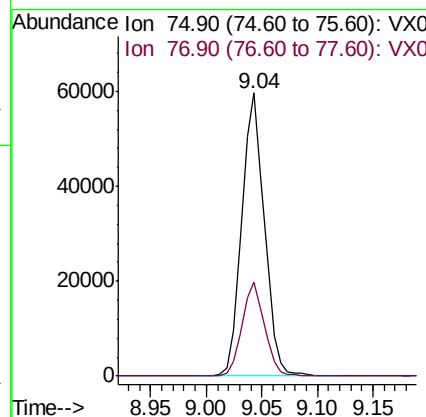
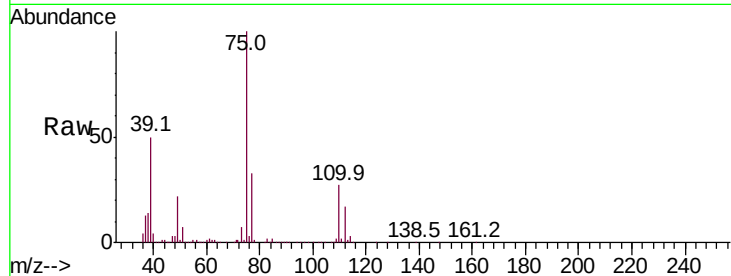
77 33.2 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.242 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

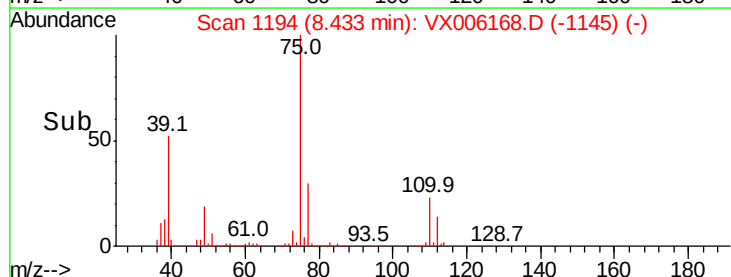
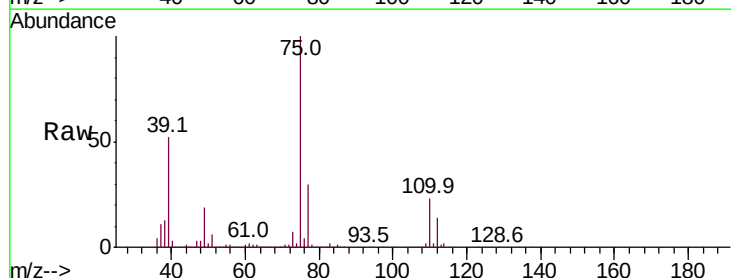
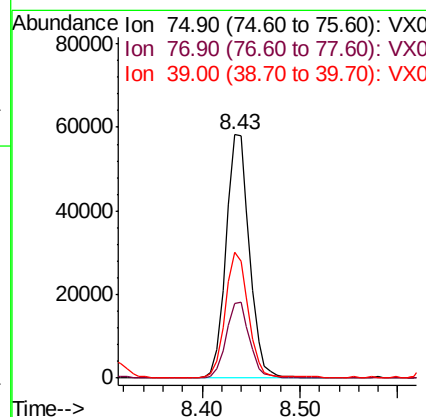
Tgt Ion: 75 Resp: 96785

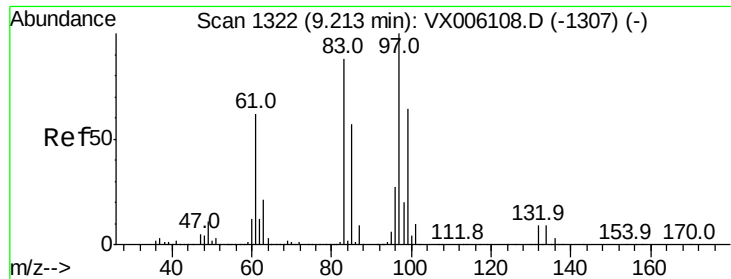
Ion Ratio Lower Upper

75 100

77 30.4 24.7 37.1

39 51.5 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 20.050 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 97 Resp: 63283

Ion Ratio Lower Upper

97 100

83 84.8 70.7 106.1

85 55.4 45.7 68.5

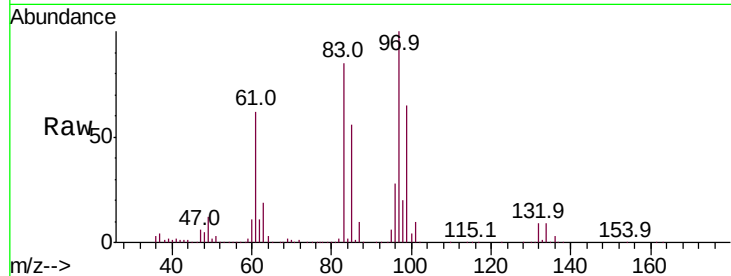
99 64.7 51.4 77.2

Manual Integrations

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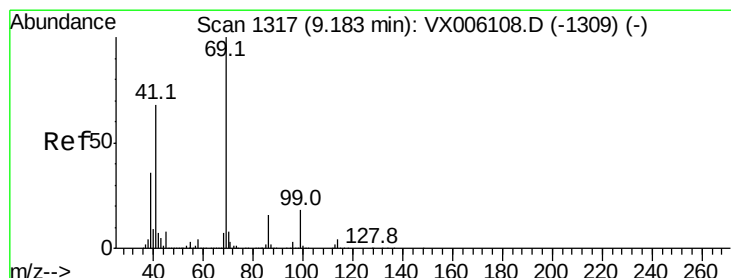
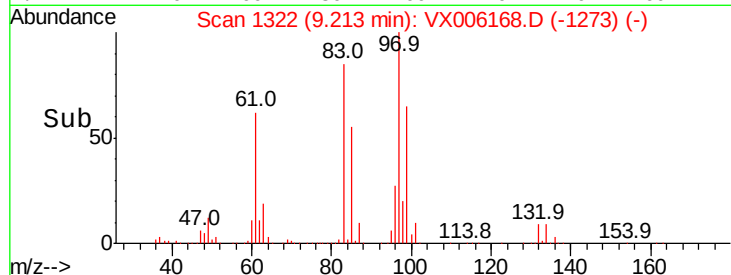
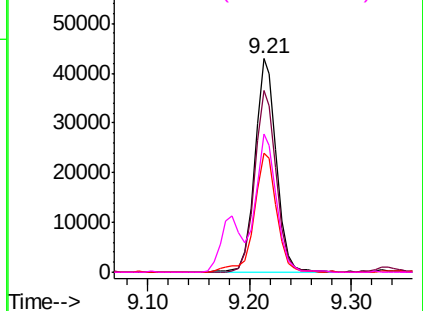


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.753 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

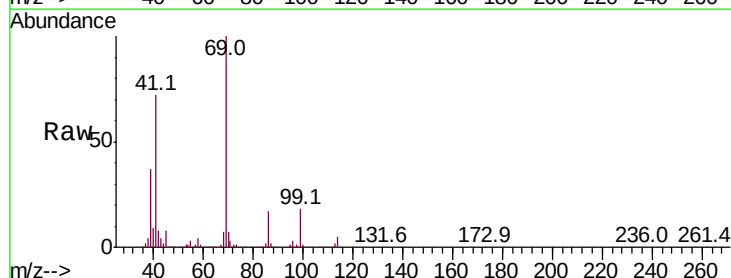
Tgt Ion: 69 Resp: 88050

Ion Ratio Lower Upper

69 100

41 72.9 56.2 84.4

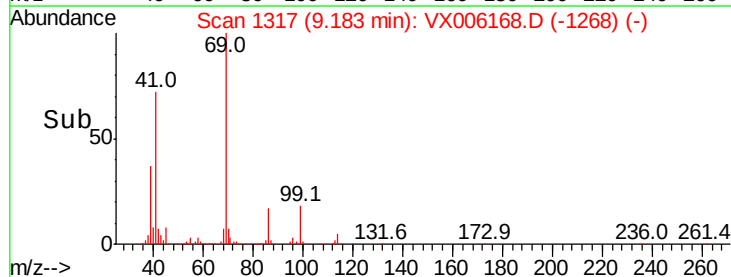
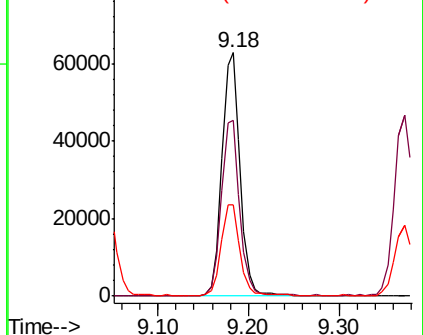
39 38.5 29.4 44.0

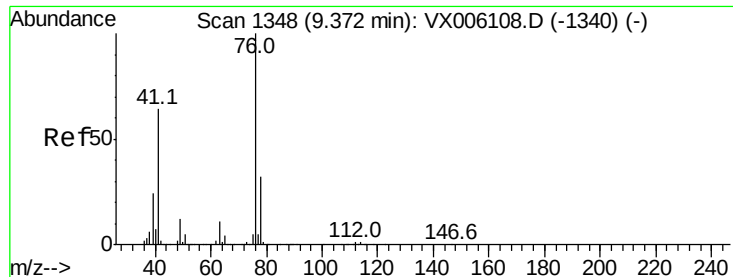


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





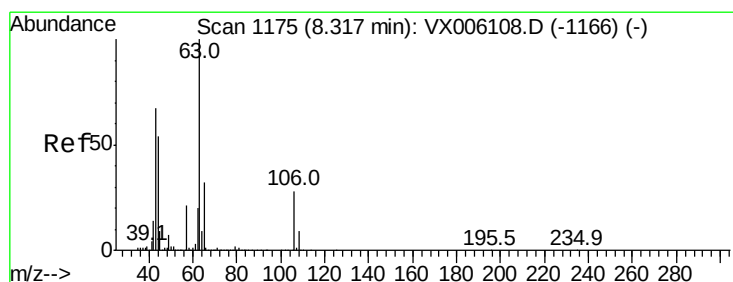
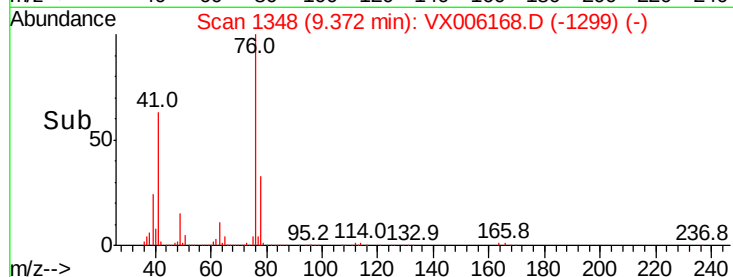
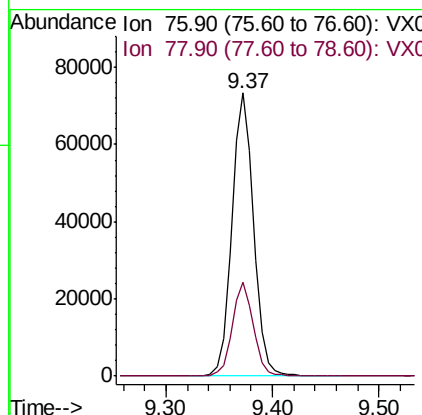
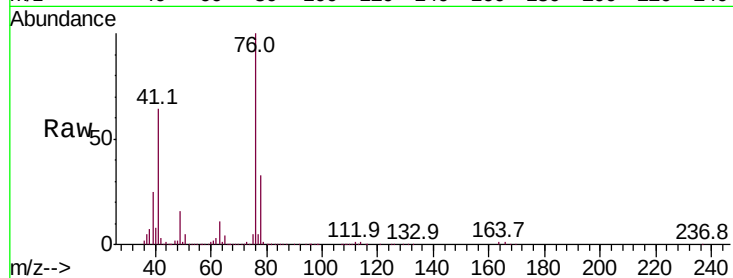
#57
 1,3-Dichloropropane
 Concen: 20.146 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.7	38.5

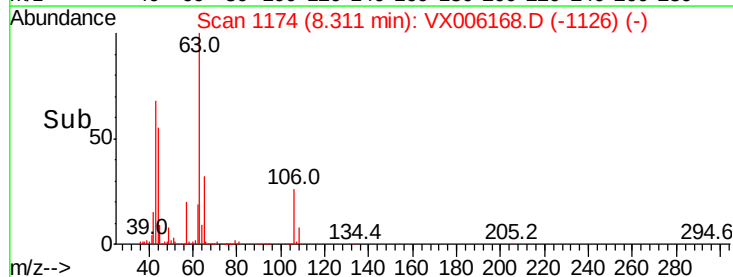
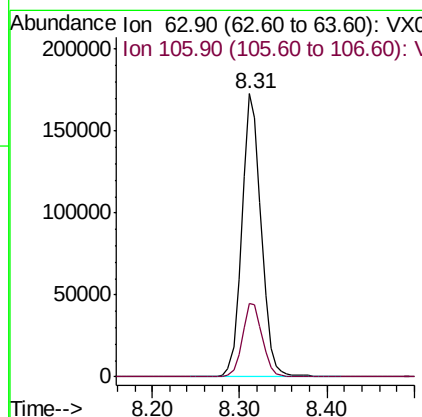
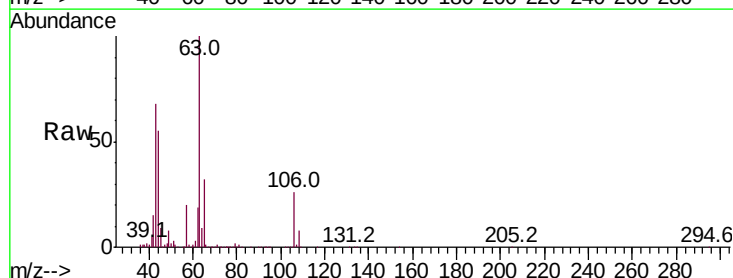
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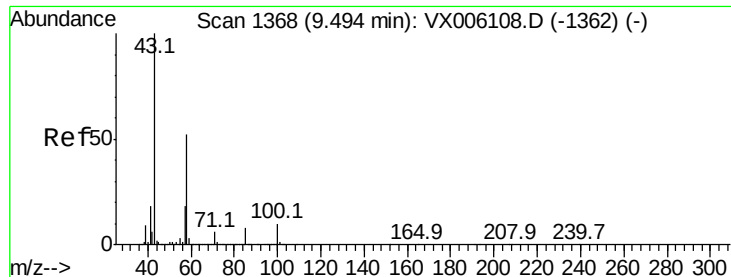
MMDadoda
 11/27/2018 11:43:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.069 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.7	32.5





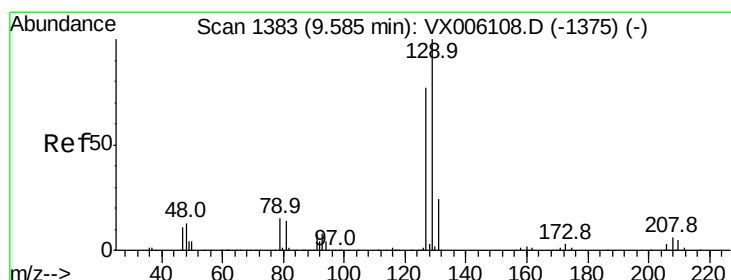
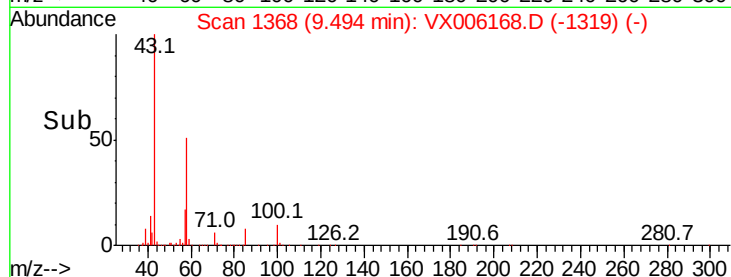
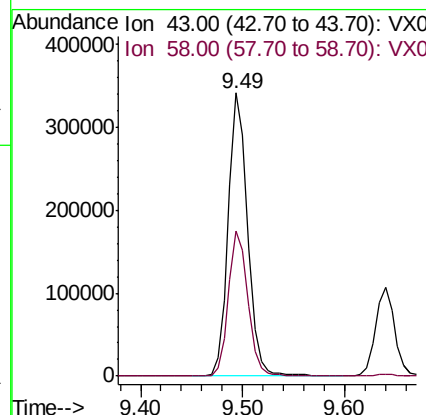
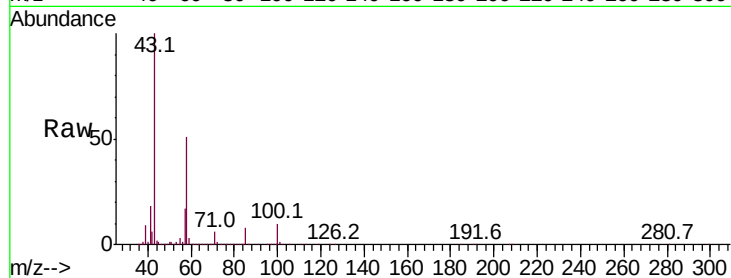
#59
2-Hexanone
Concen: 106.325 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	26.3	78.9

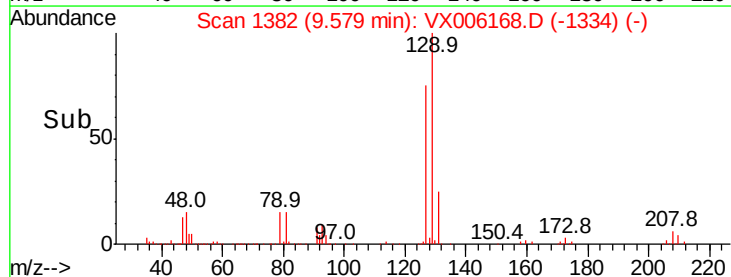
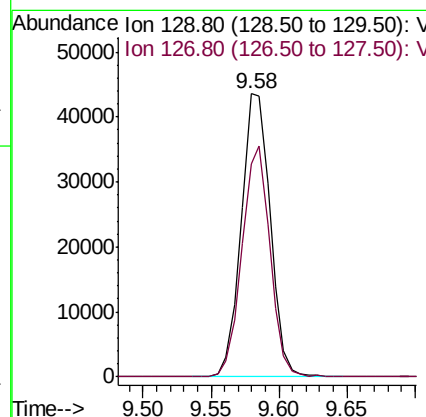
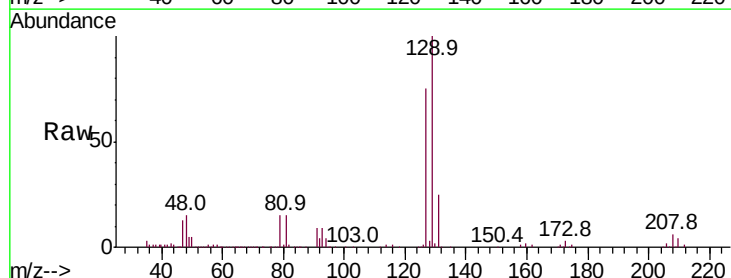
Manual Integrations
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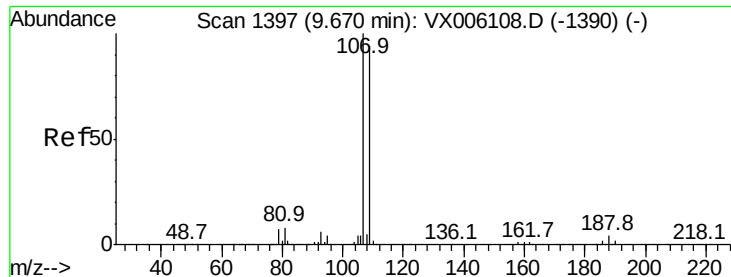
MMDadoda
11/27/2018 11:43:16 AM



#60
Dibromochloromethane
Concen: 20.953 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.1	117.5





#61

1,2-Dibromoethane

Concen: 20.357 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion:107 Resp: 66193

Ion Ratio Lower Upper

107 100

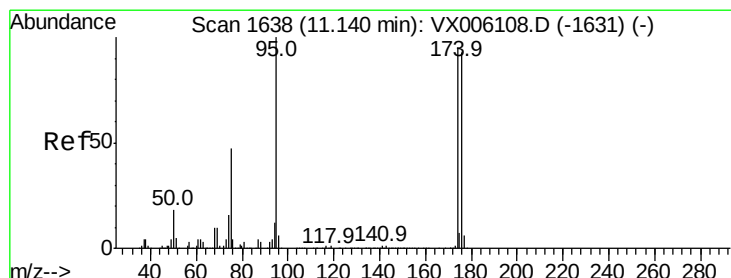
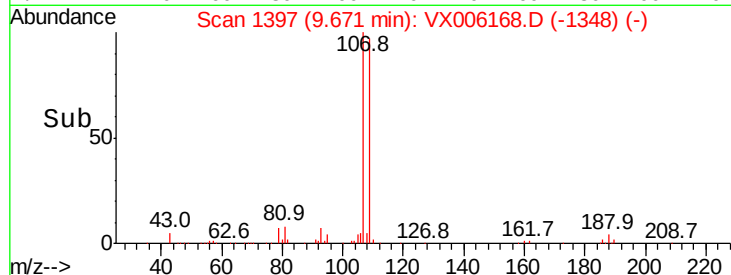
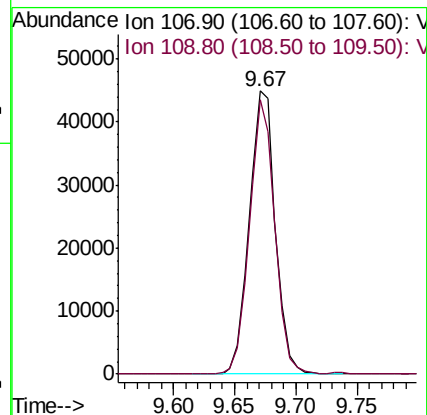
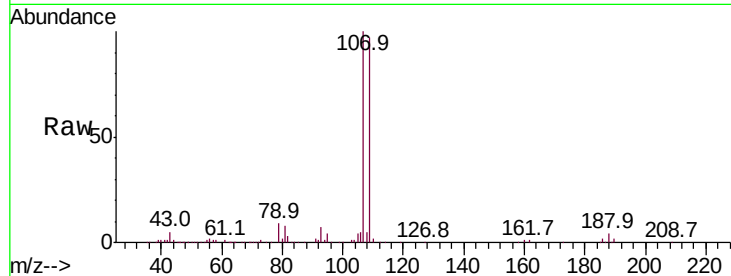
109 94.6 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 49.887 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

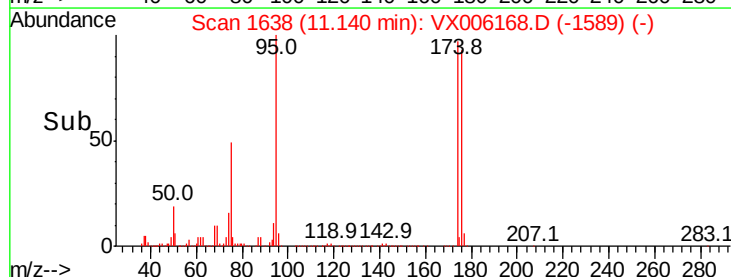
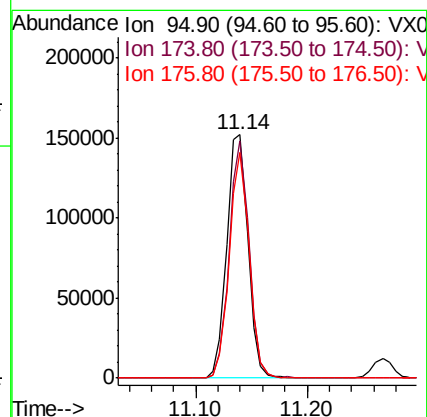
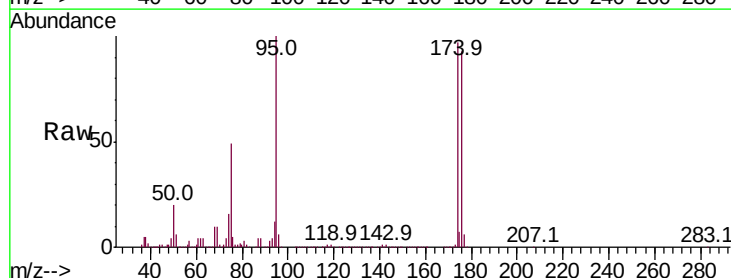
Tgt Ion: 95 Resp: 201464

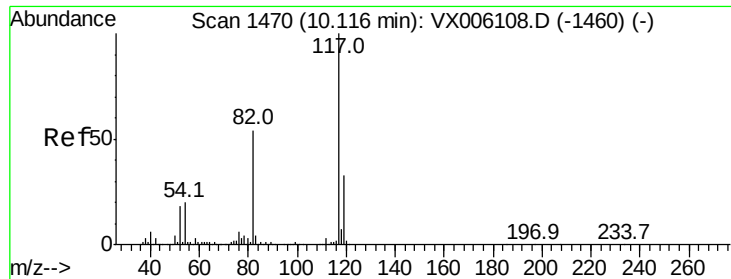
Ion Ratio Lower Upper

95 100

174 91.0 0.0 184.4

176 87.0 0.0 179.0





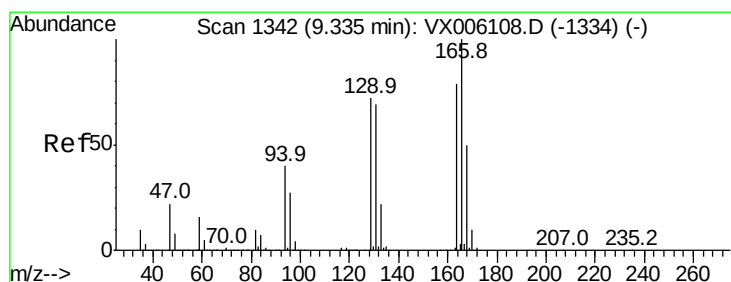
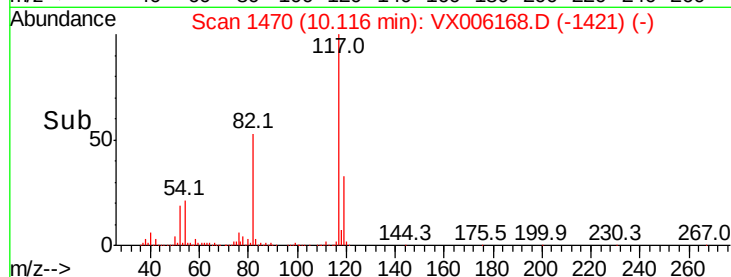
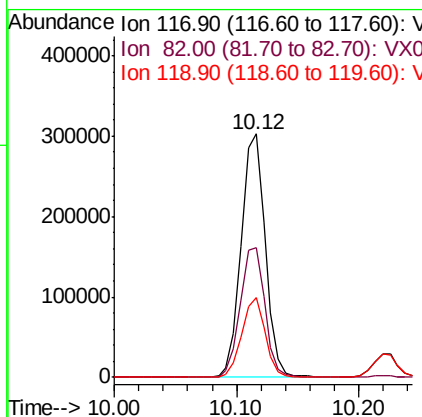
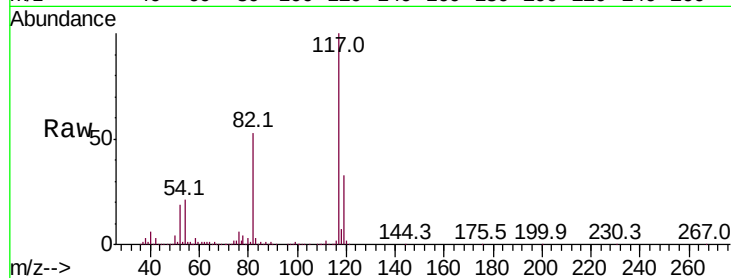
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	32.5	26.1	39.1

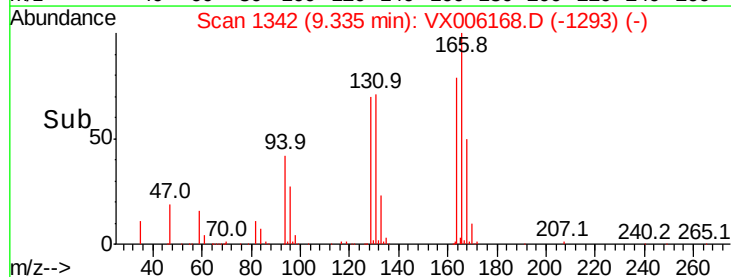
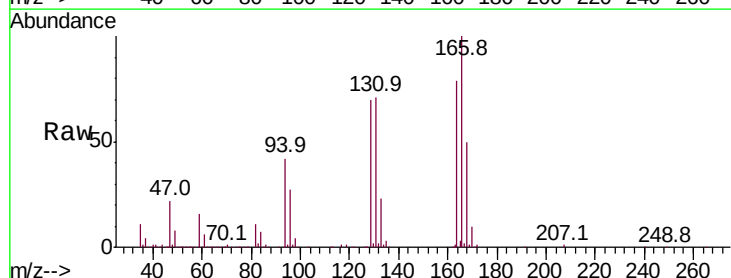
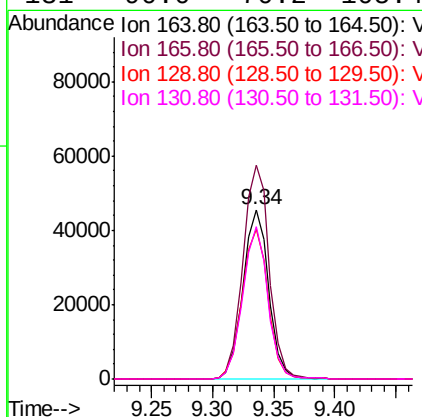
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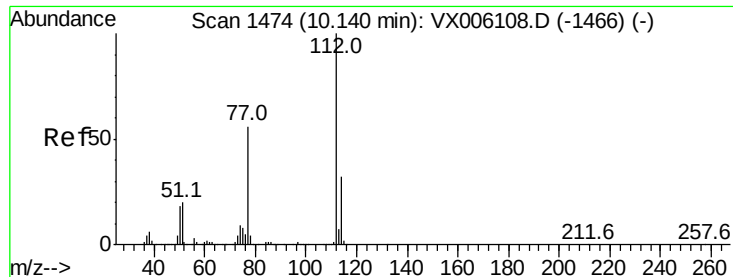
MMDadoda
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#64
Tetrachloroethene
Concen: 19.605 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.5	152.3
129	88.4	73.4	110.0
131	90.0	70.2	105.4





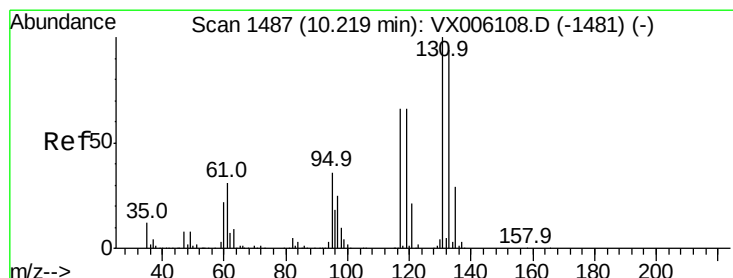
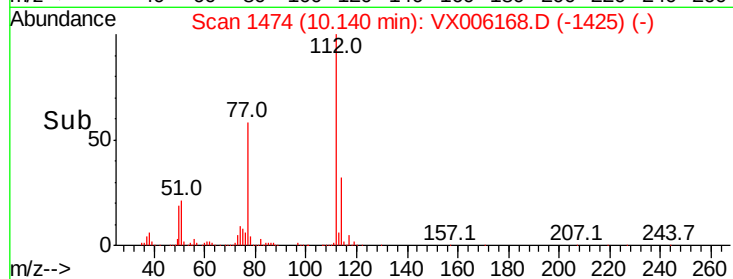
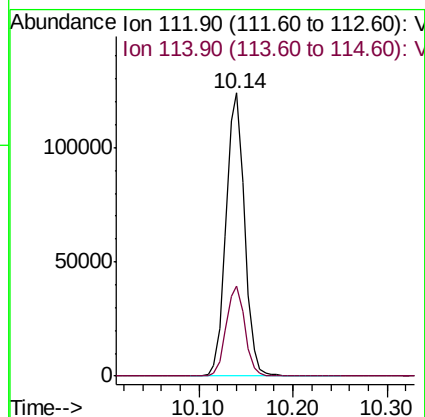
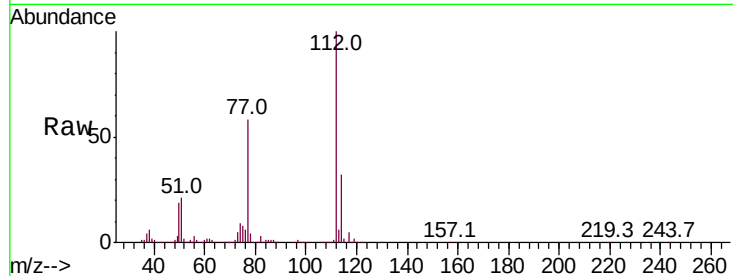
#65
Chlorobenzene
Concen: 19.974 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	169243		
114	31.9	25.6	38.4	

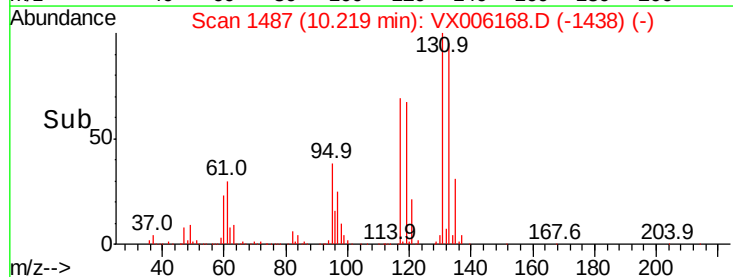
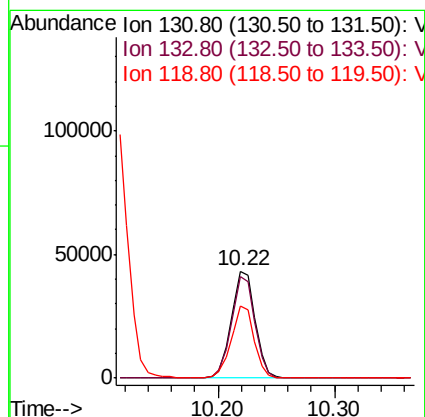
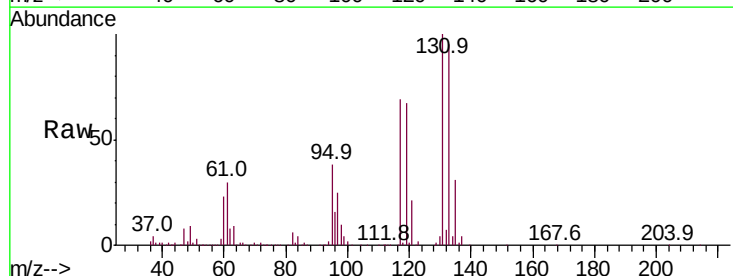
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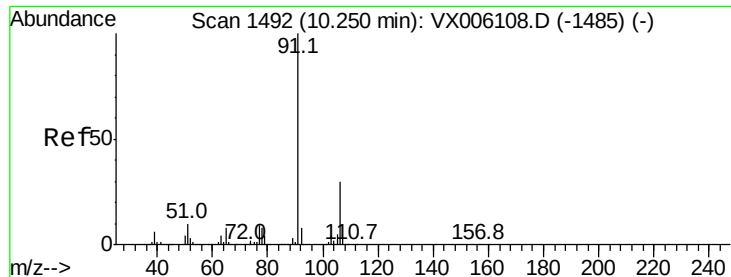
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.159 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	61549		
133	94.0	48.0	144.2	
119	65.1	32.6	97.8	





#67

Ethyl Benzene

Concen: 20.521 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 91 Resp: 284688

Ion Ratio Lower Upper

91 100

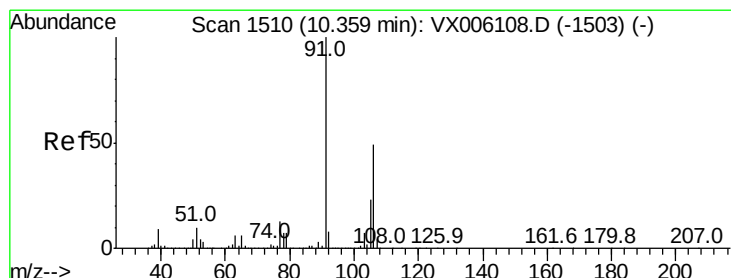
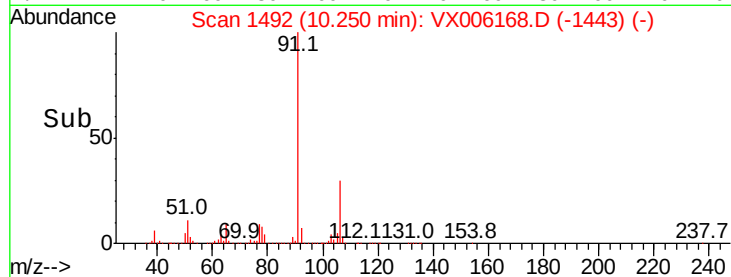
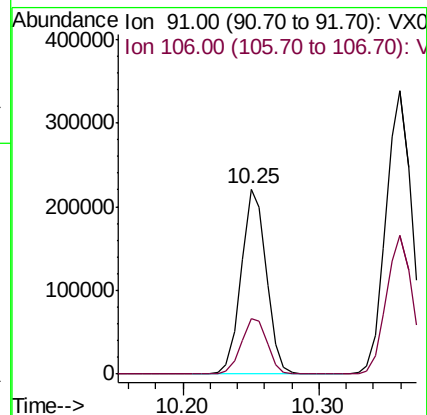
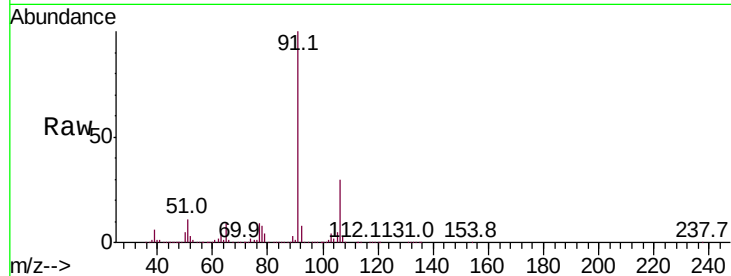
106 30.4 24.4 36.6

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#68

m/p-Xylenes

Concen: 40.954 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006168.D

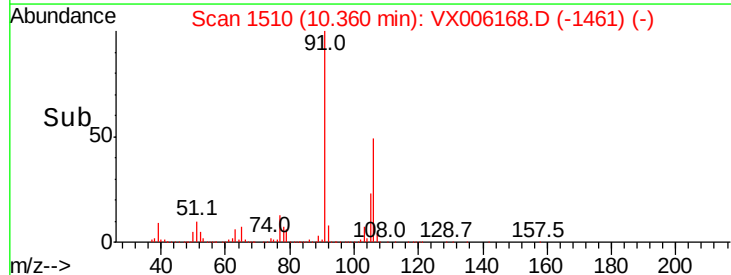
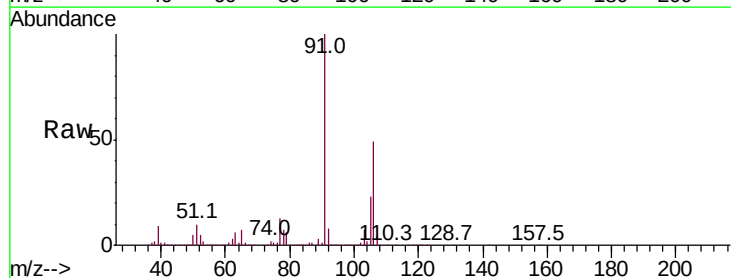
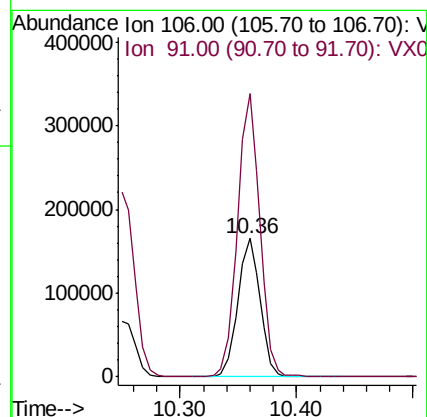
Acq: 26 Nov 2018 12:05

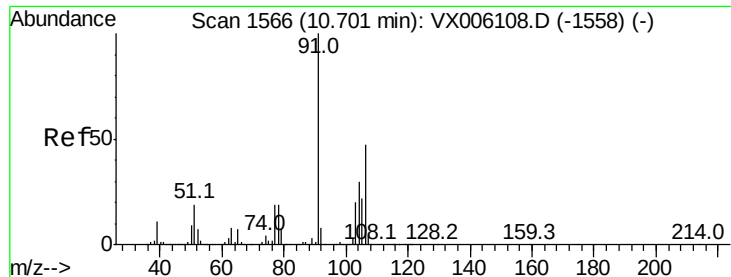
Tgt Ion: 106 Resp: 221243

Ion Ratio Lower Upper

106 100

91 203.7 162.0 243.0





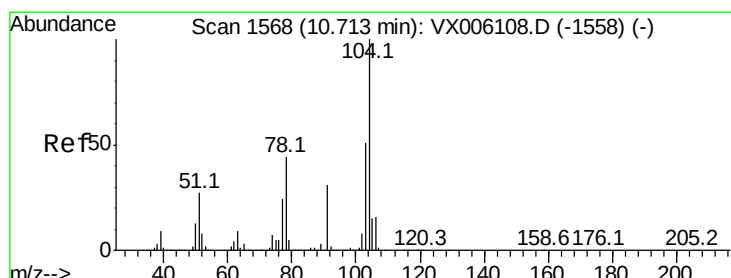
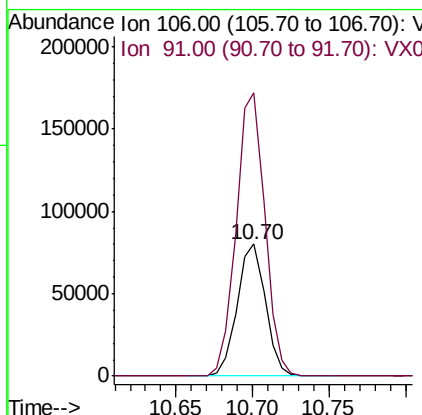
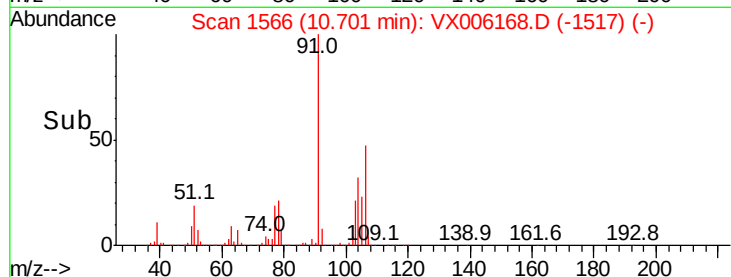
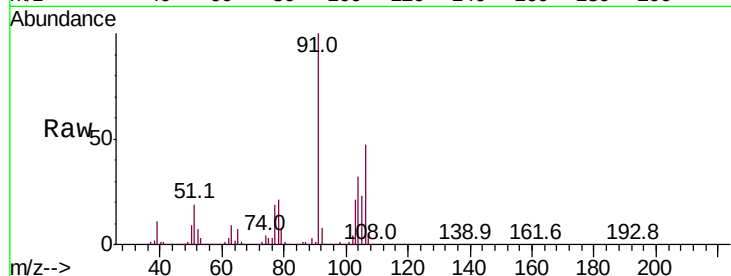
#69
o-Xylene
Concen: 19.927 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.9	107.4	322.2

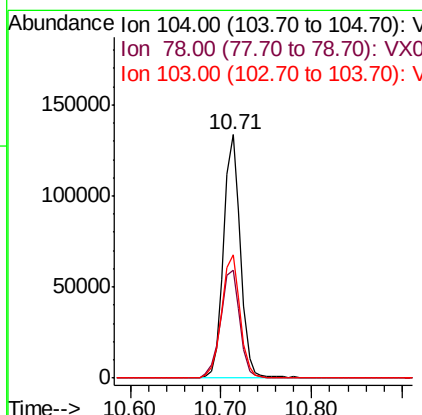
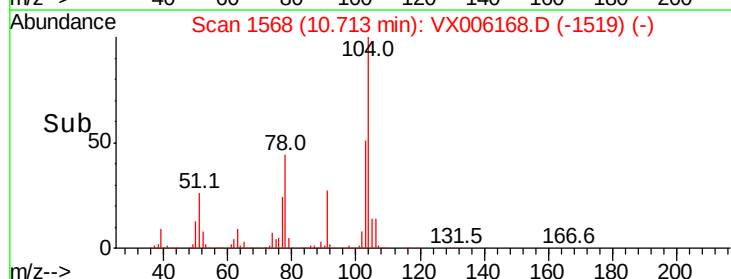
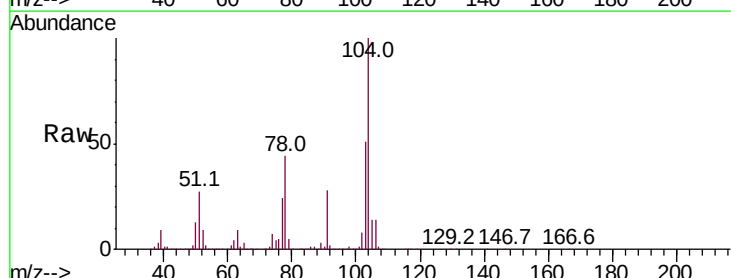
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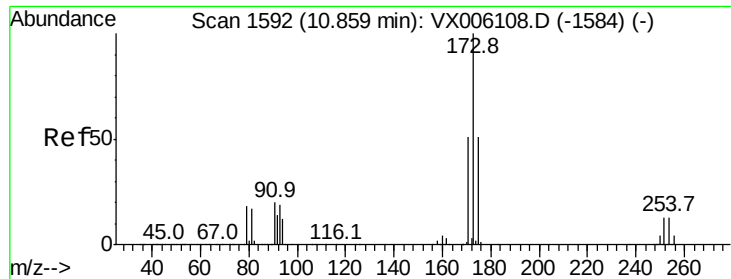
MMDadoda
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#70
Styrene
Concen: 20.680 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	39.4	59.2
103	55.5	44.6	67.0





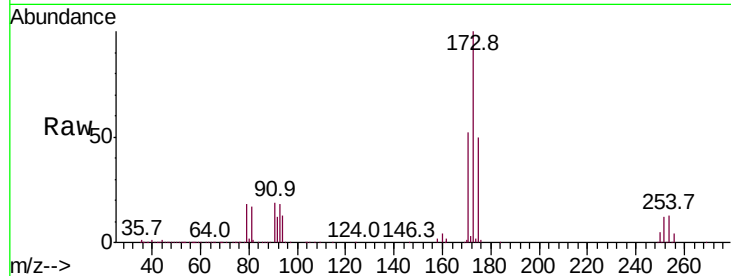
#71
Bromoform
Concen: 20.279 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.9	74.6
254	0.2	0.2	0.2

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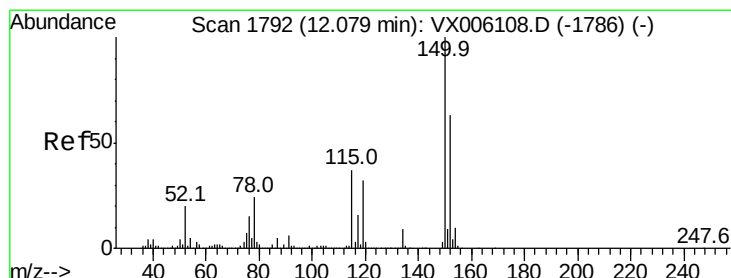
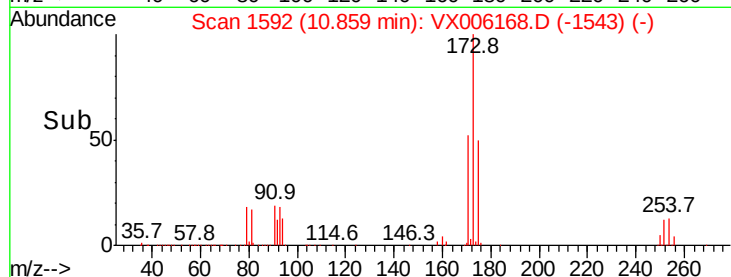
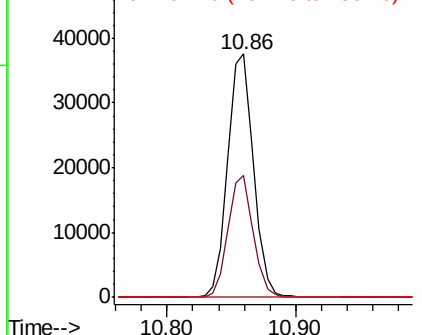


Abundance

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: VX006168.D
Acq: 26 Nov 2018 12:05

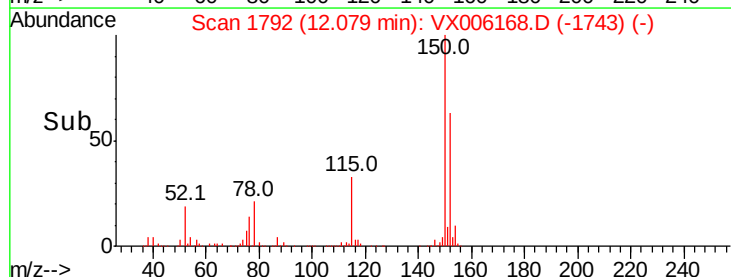
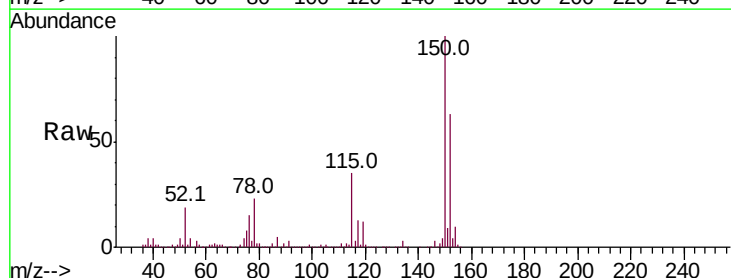
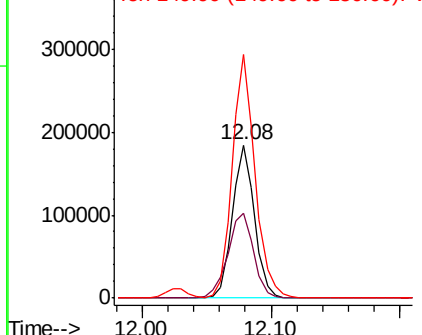
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	39.0	116.9
150	164.4	0.0	346.6

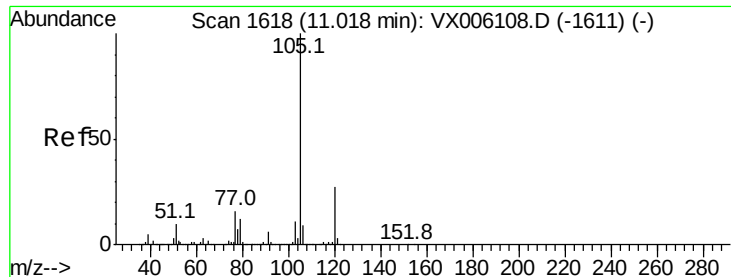
Abundance

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: 21.744 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion:105 Resp: 289710

Ion Ratio Lower Upper

105 100

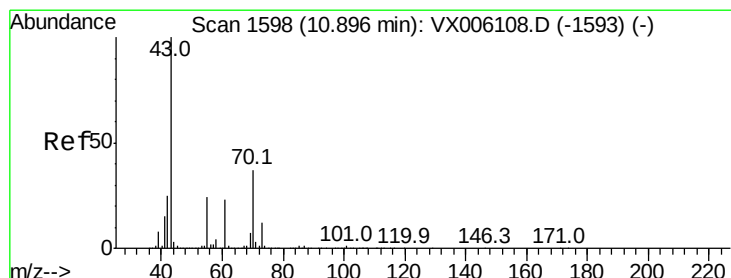
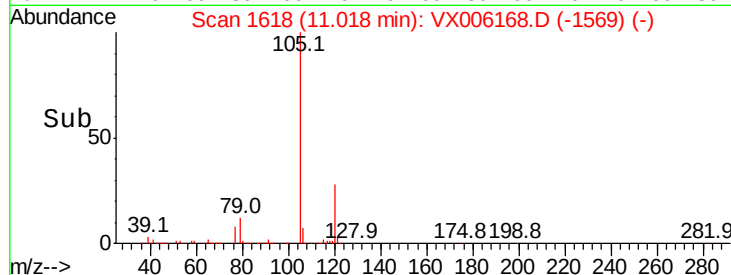
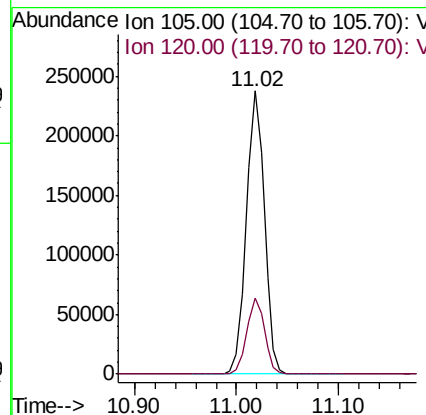
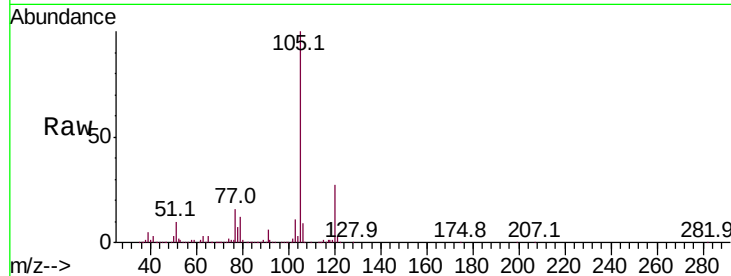
120 26.7 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.231 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion: 43 Resp: 128125

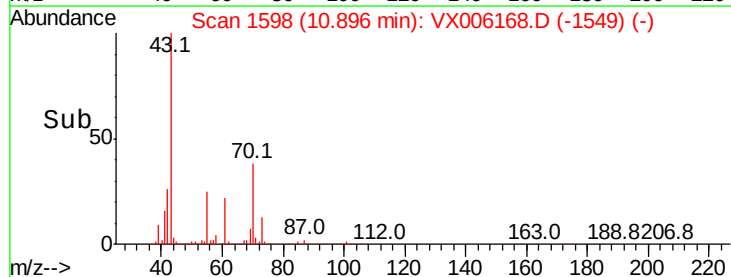
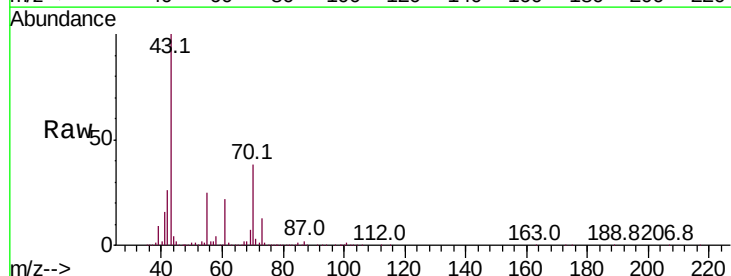
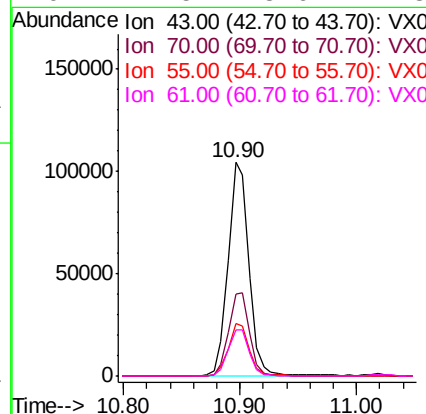
Ion Ratio Lower Upper

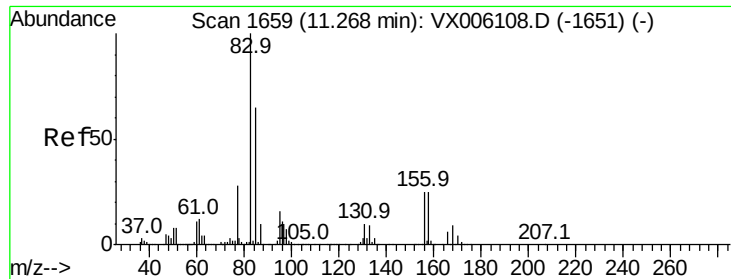
43 100

70 39.8 31.8 47.6

55 25.0 19.5 29.3

61 22.5 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.508 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 83 Resp: 102974

Ion Ratio Lower Upper

83 100

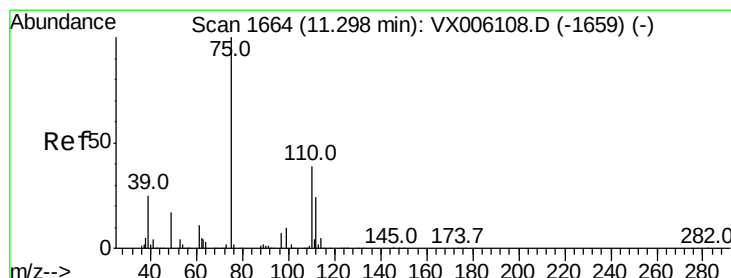
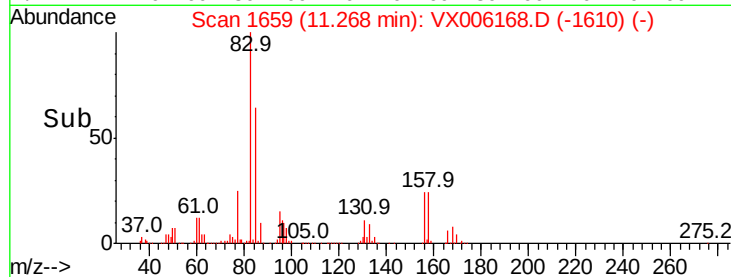
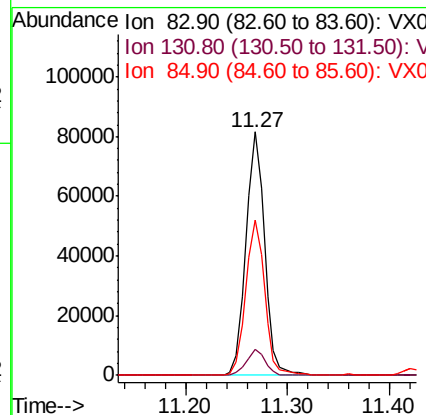
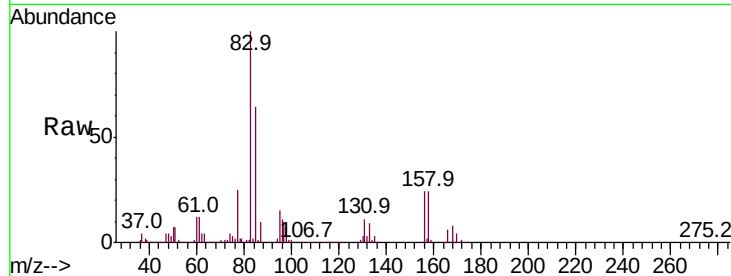
131 10.5 5.2 15.6

85 64.8 32.6 97.8

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#76

1,2,3-Trichloropropane

Concen: 21.799 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006168.D

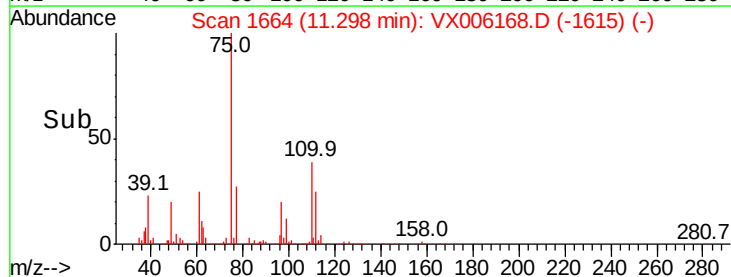
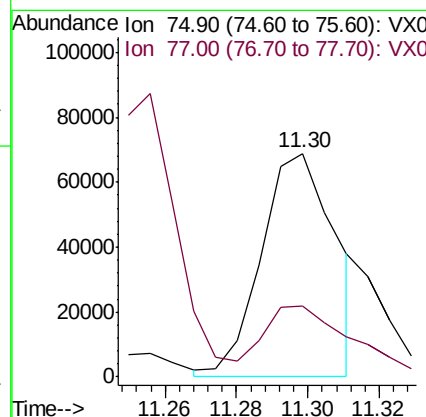
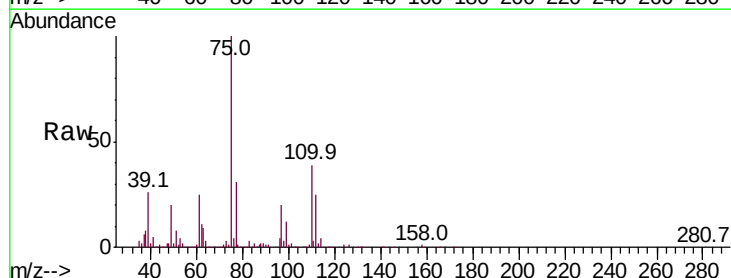
Acq: 26 Nov 2018 12:05

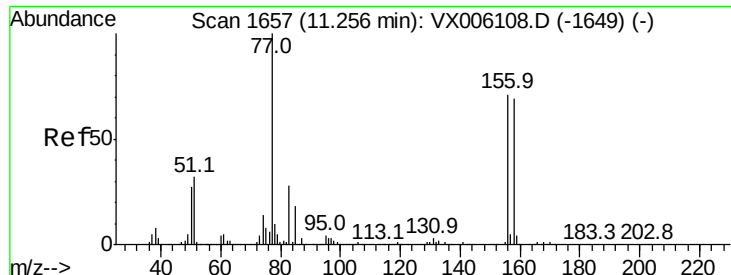
Tgt Ion: 75 Resp: 98828

Ion Ratio Lower Upper

75 100

77 37.7 19.6 58.7





#77

Bromobenzene

Concen: 20.700 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion:156 Resp: 77260

Ion Ratio Lower Upper

156 100

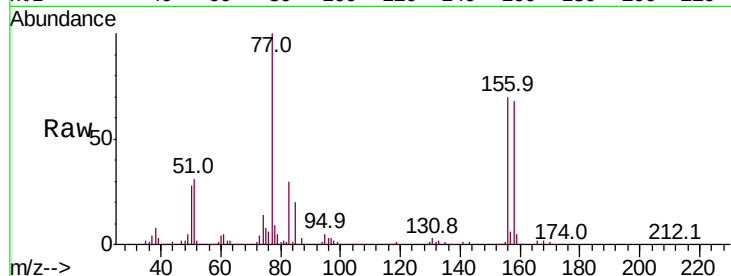
77 148.4 74.3 222.8

158 97.0 49.0 147.0

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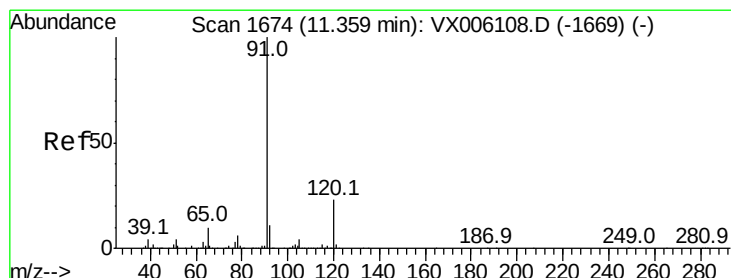
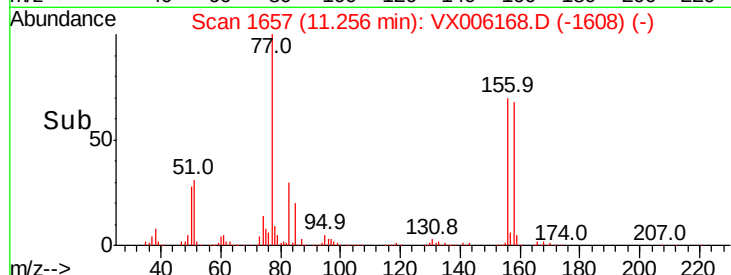
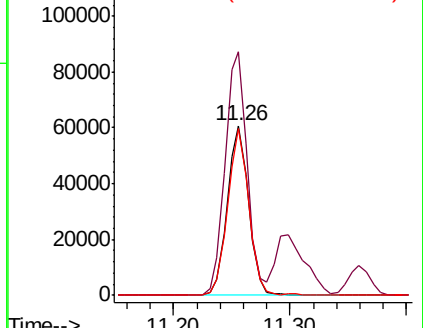
11/27/2018 11:43:16 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006168.D

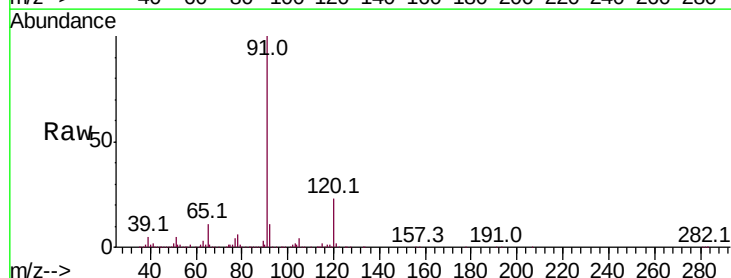
Acq: 26 Nov 2018 12:05

Tgt Ion: 91 Resp: 333273

Ion Ratio Lower Upper

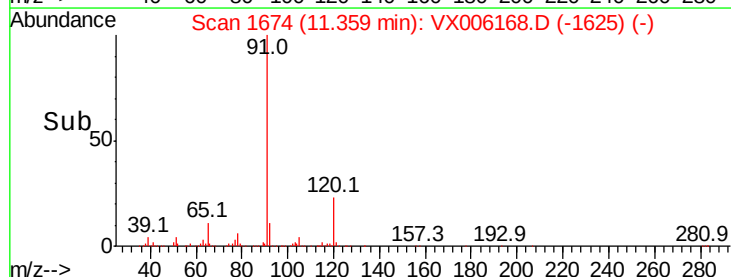
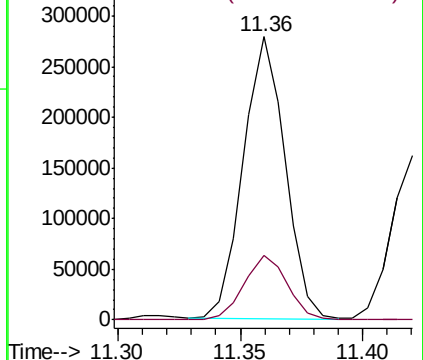
91 100

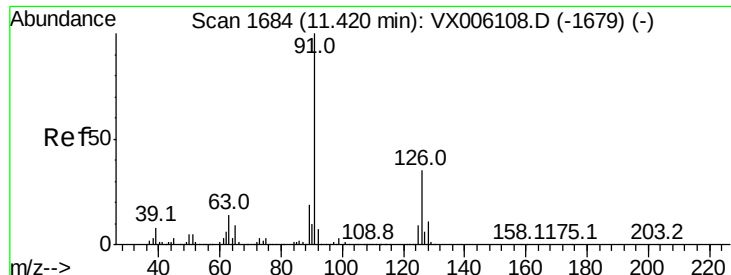
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.340 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion: 91 Resp: 200318

Ion Ratio Lower Upper

91 100

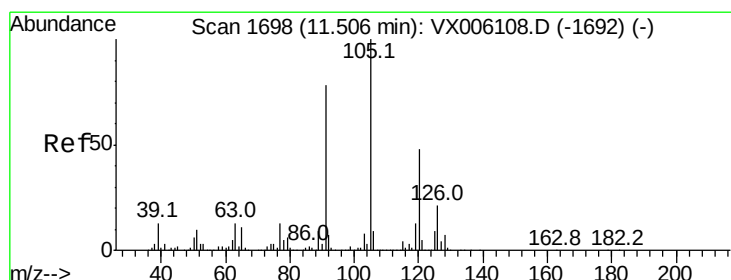
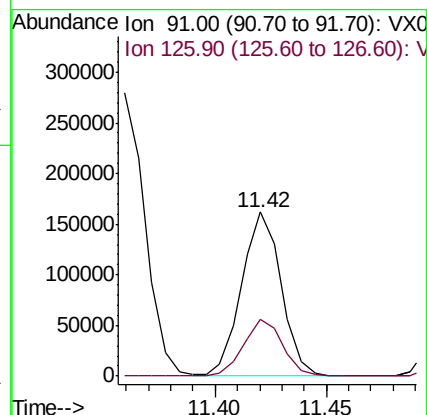
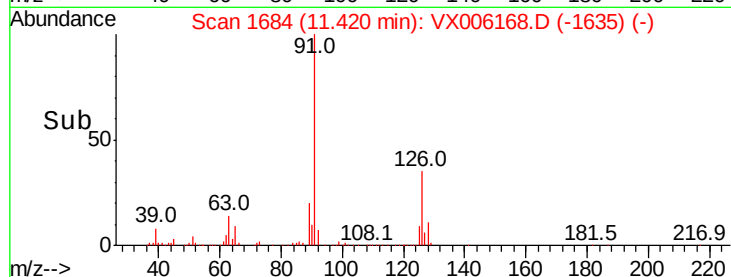
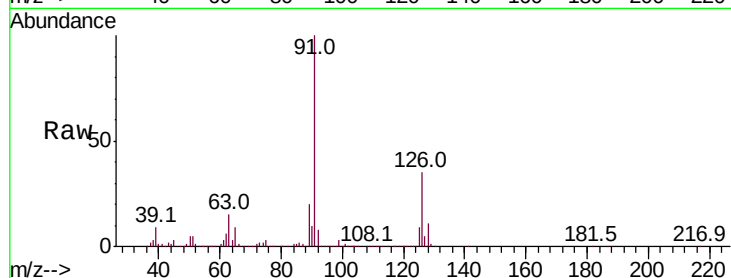
126 34.5 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.372 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006168.D

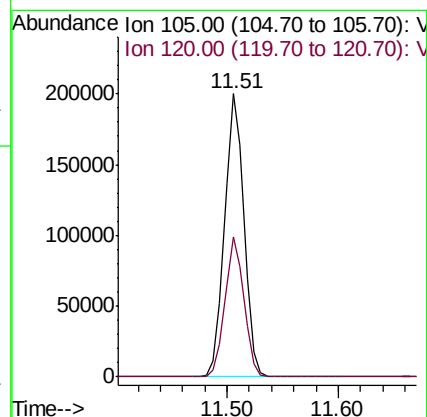
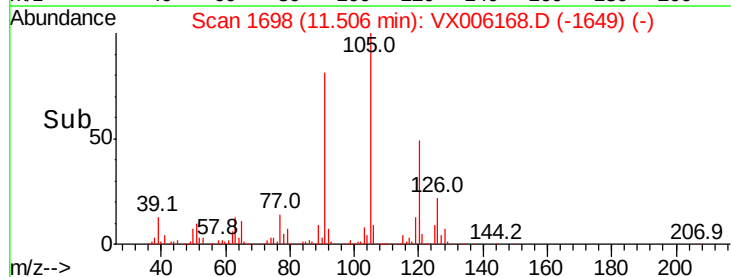
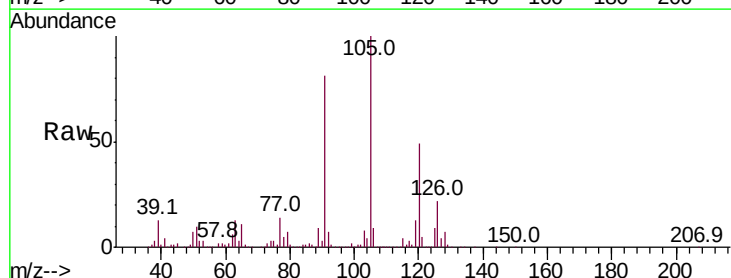
Acq: 26 Nov 2018 12:05

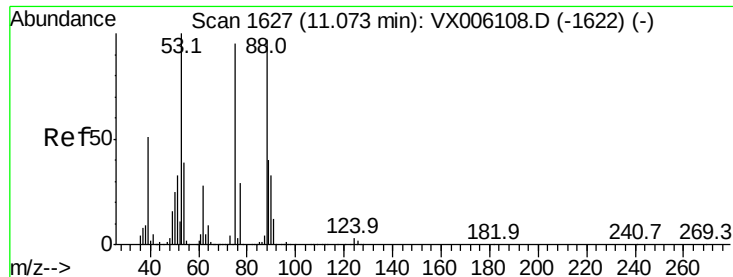
Tgt Ion: 105 Resp: 240084

Ion Ratio Lower Upper

105 100

120 48.5 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.920 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

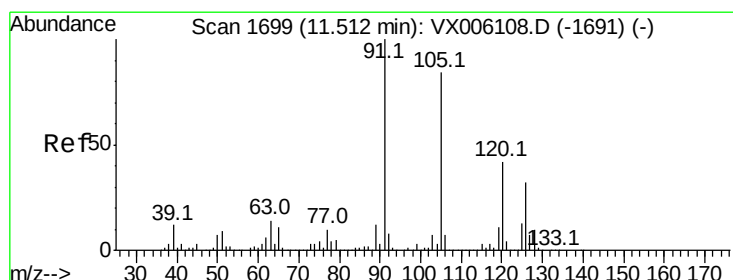
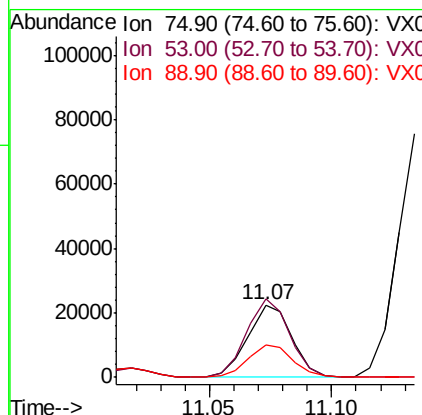
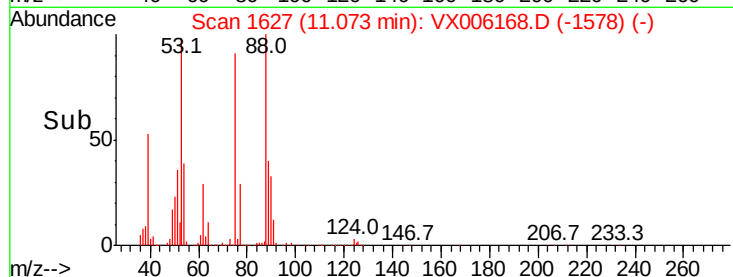
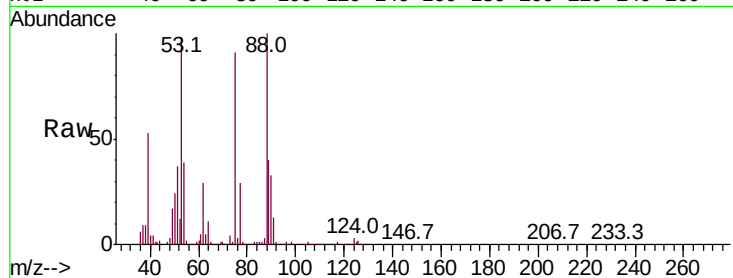
ClientSampleId :

VX1126WBS01

Tot Ion:	75	Resp:	28041
Ion	Ratio	Lower	Upper
75	100		
53	107.0	85.3	127.9
89	47.0	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.292 ug/l

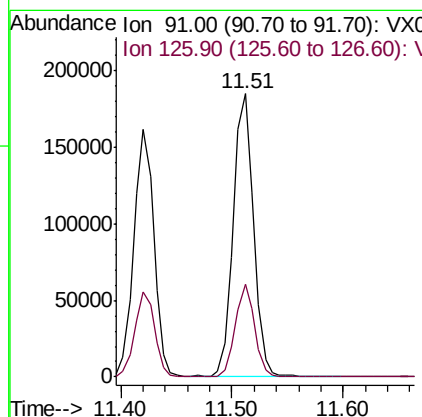
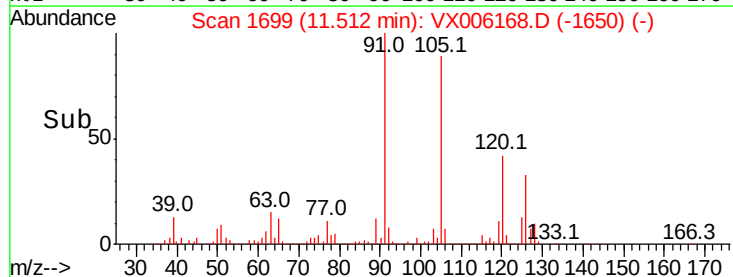
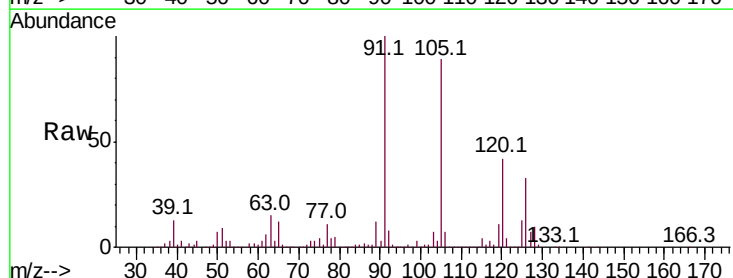
RT: 11.51 min Scan# 1699

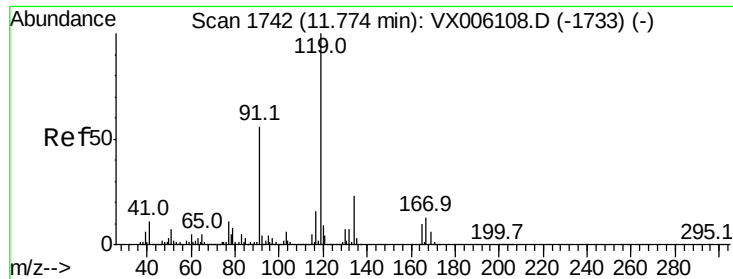
Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion:	91	Resp:	233250
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.3	45.9





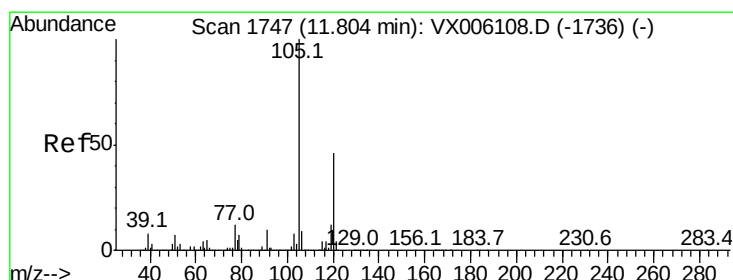
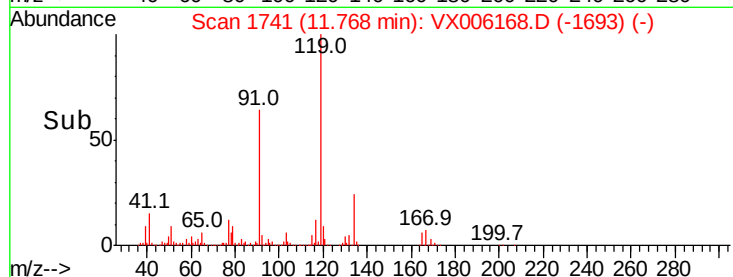
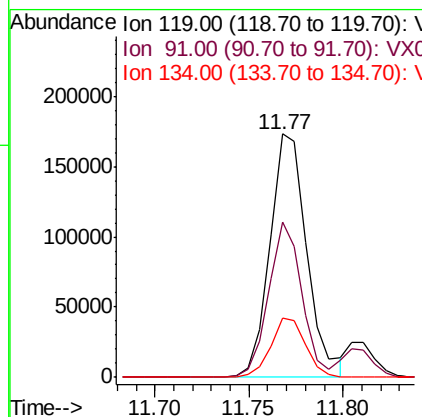
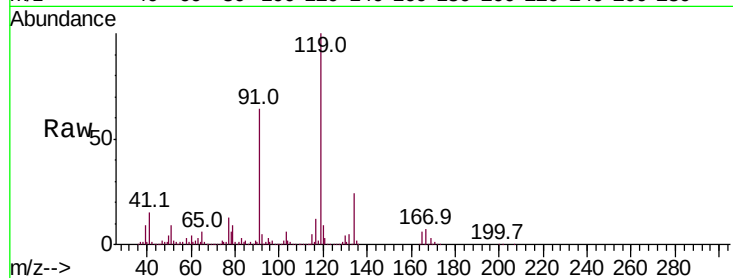
#83
 tert-Butylbenzene
 Concen: 21.437 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	235085		
91	57.4	28.2	84.6	
134	23.2	11.5	34.4	

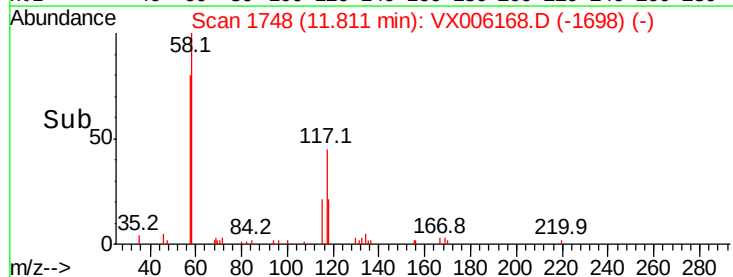
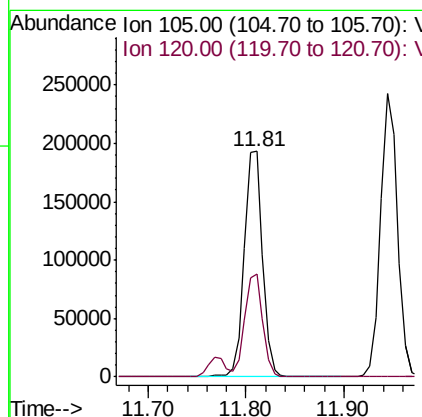
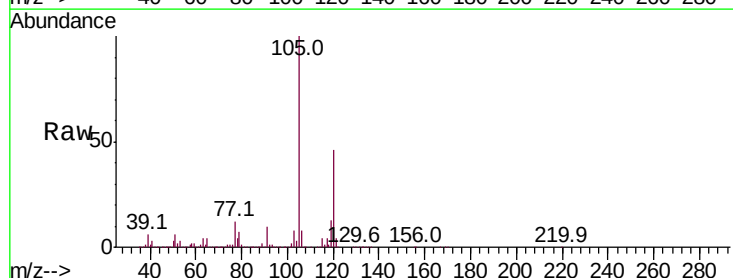
Manual Integrations
 APPROVED

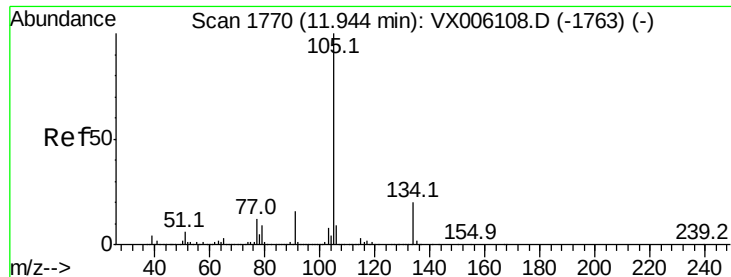
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.900 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250941		
120	44.5	22.7	68.0	





#85

sec-Butylbenzene

Concen: 21.673 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS01

Tot Ion:105 Resp: 290712

Ion Ratio Lower Upper

105 100

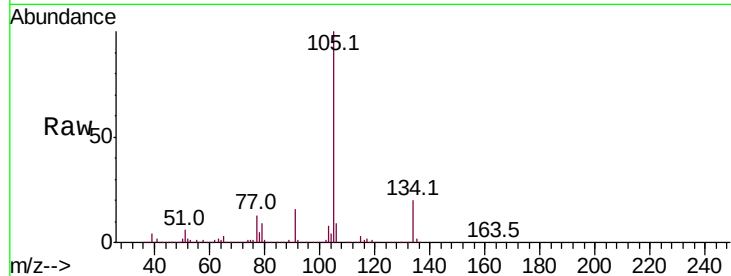
134 20.4 10.4 31.1

Manual Integrations

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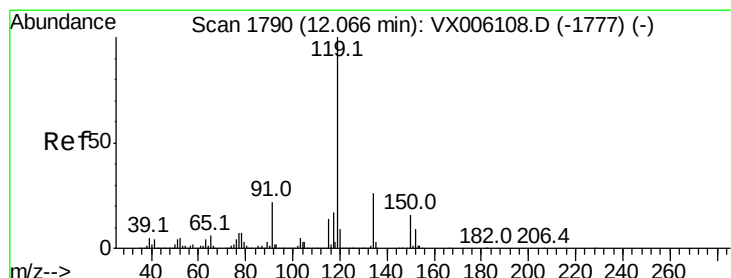
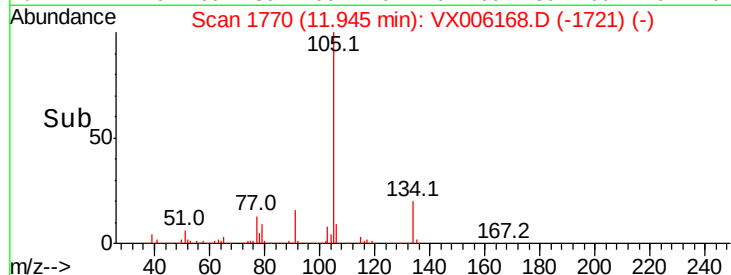
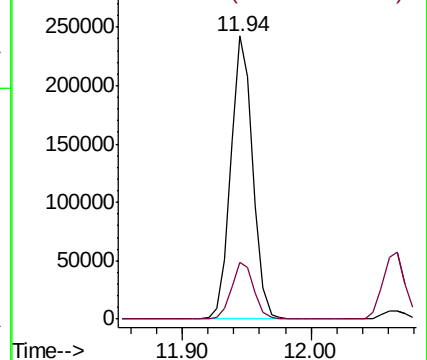
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.345 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

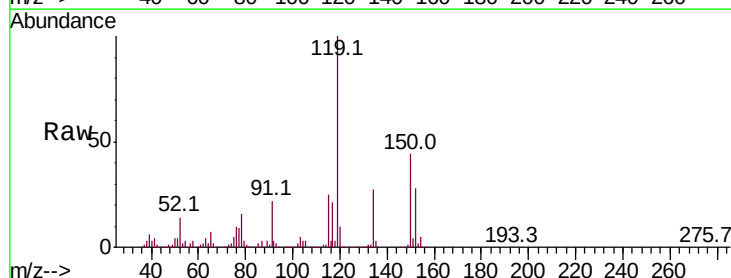
Tgt Ion:119 Resp: 255282

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

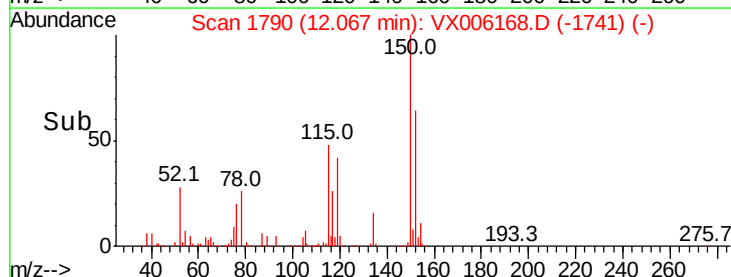
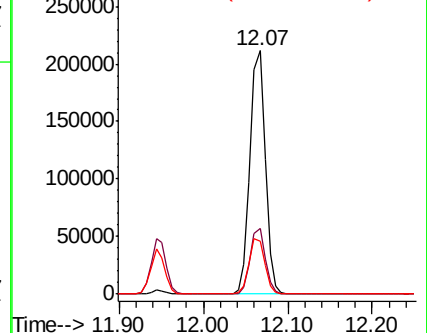
91 23.4 11.3 33.9

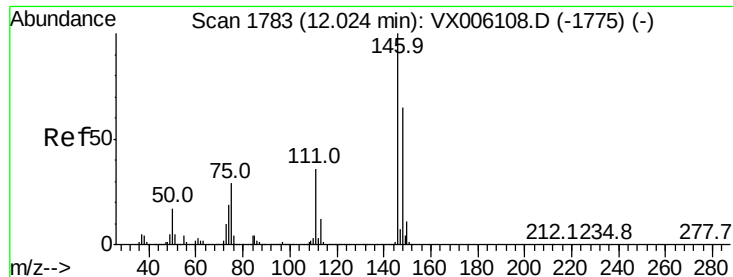


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





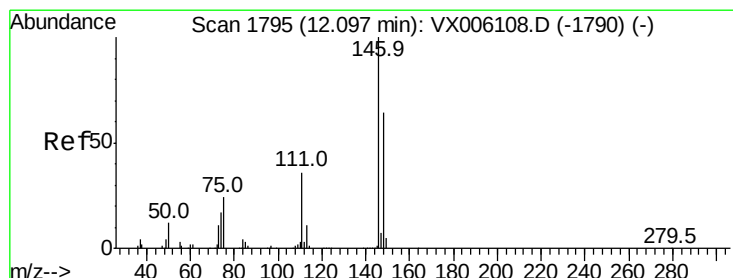
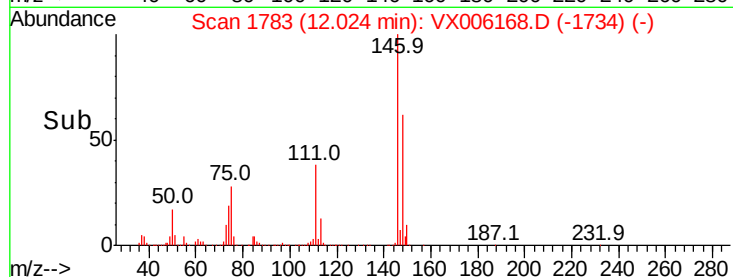
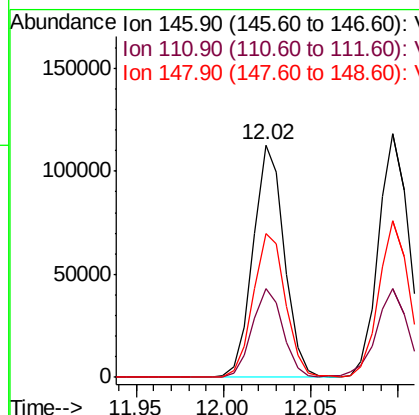
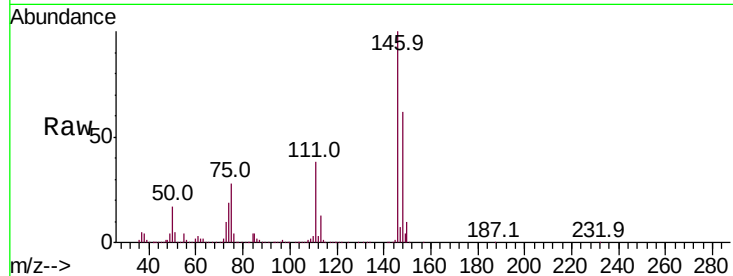
#87
 1,3-Dichlorobenzene
 Concen: 20.296 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	139677		
111	37.8	18.8	56.3	
148	64.1	32.2	96.6	

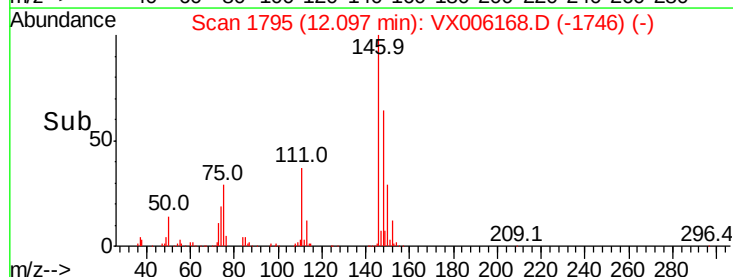
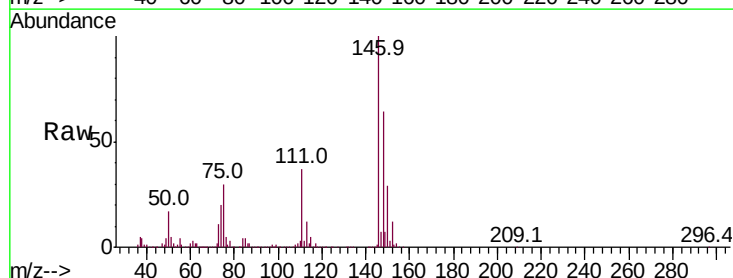
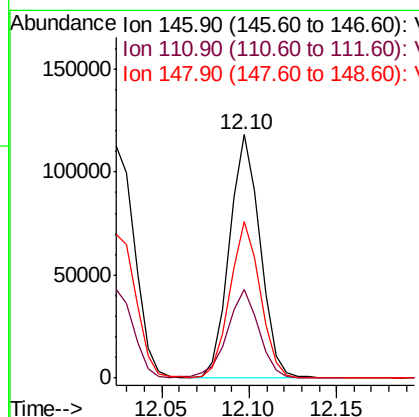
Manual Integrations
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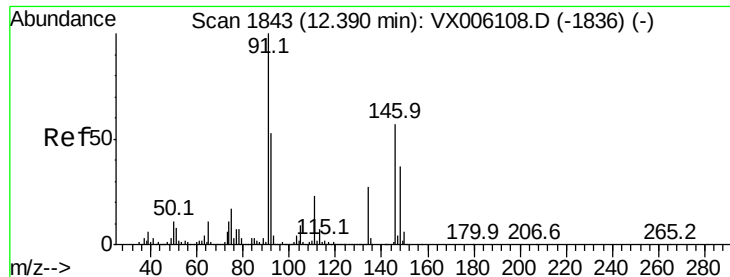
MMDadoda
 11/27/2018 11:43:16 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.133 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143629		
111	37.9	18.3	54.9	
148	64.3	32.2	96.6	





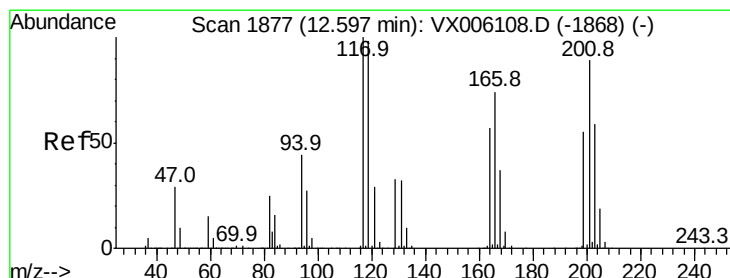
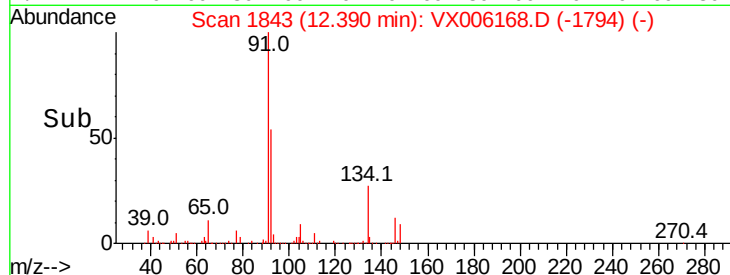
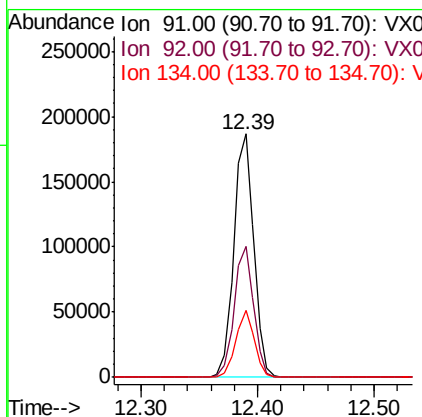
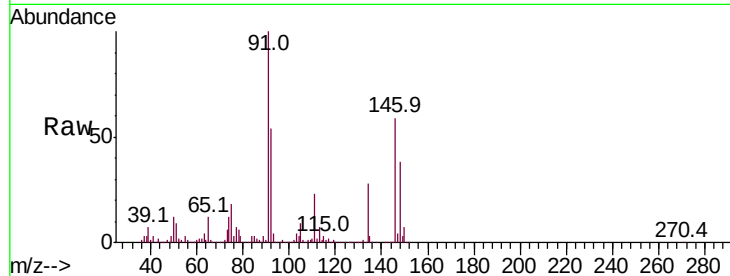
#89
n-Butylbenzene
Concen: 20.544 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	25.9	13.1	39.3

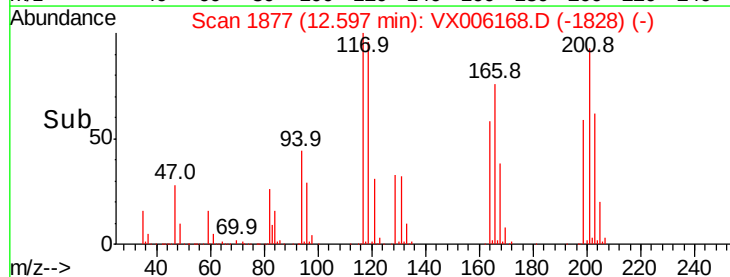
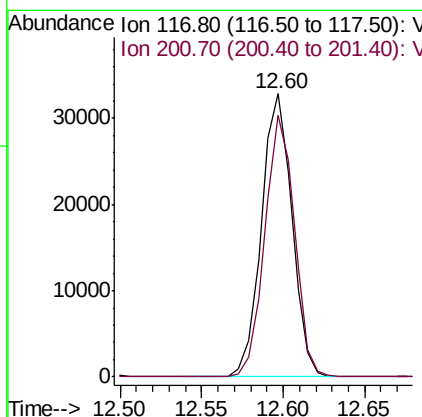
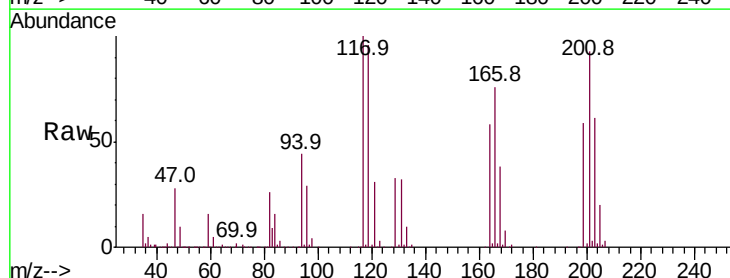
Manual Integrations
APPROVED

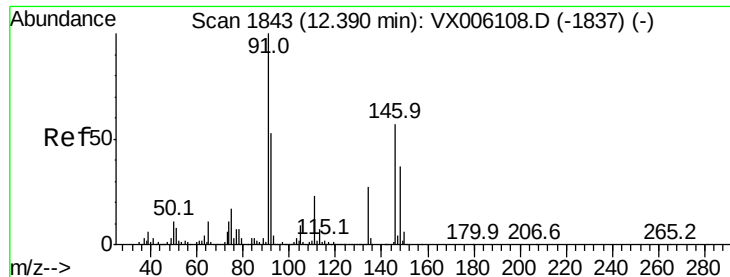
MMDadoda
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#90
Hexachloroethane
Concen: 22.395 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	46.1	138.2





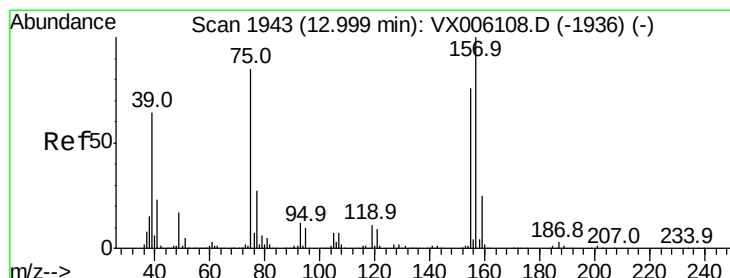
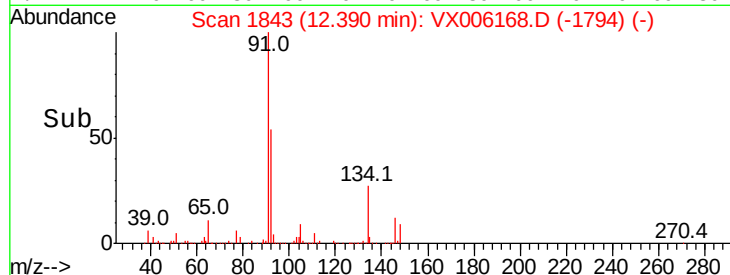
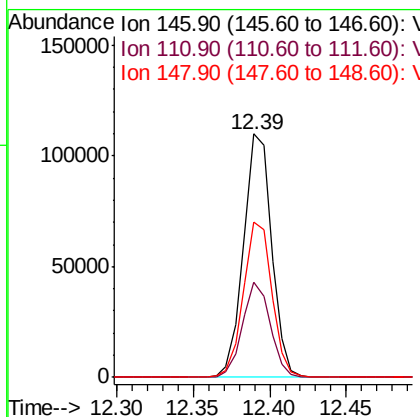
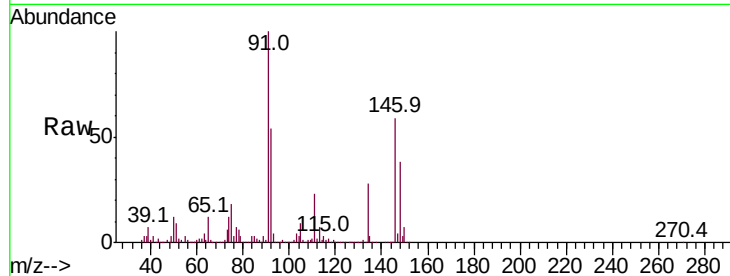
#91
 1,2-Dichlorobenzene
 Concen: 20.042 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.8
148	64.7	32.0	96.0

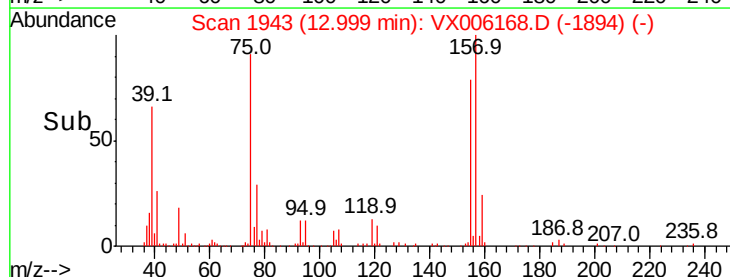
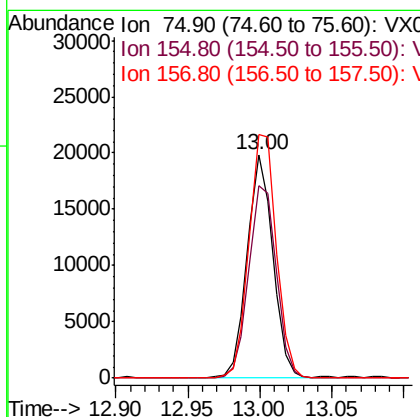
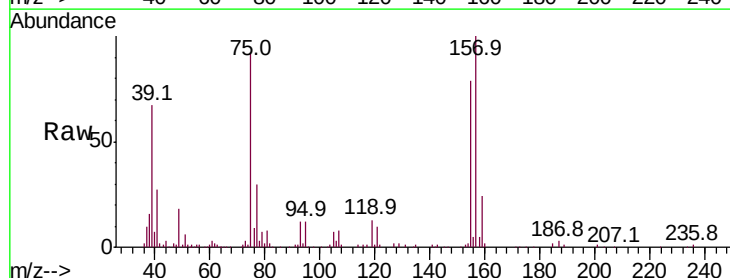
Manual Integrations
 APPROVED

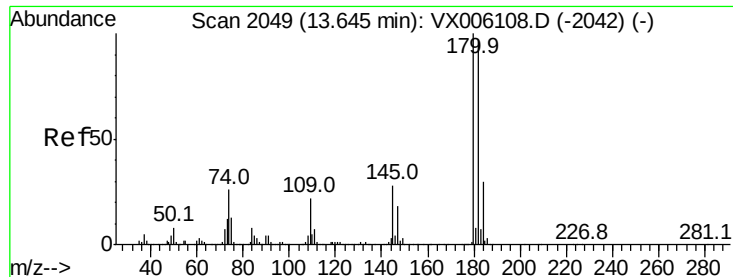
MMDadoda
 11/27/2018 11:43:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.141 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006168.D
 Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	46.1	138.3
157	115.0	59.8	179.3





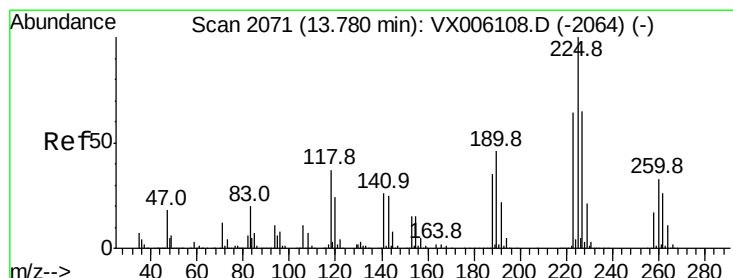
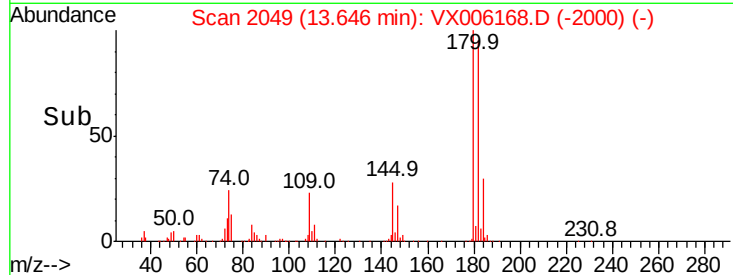
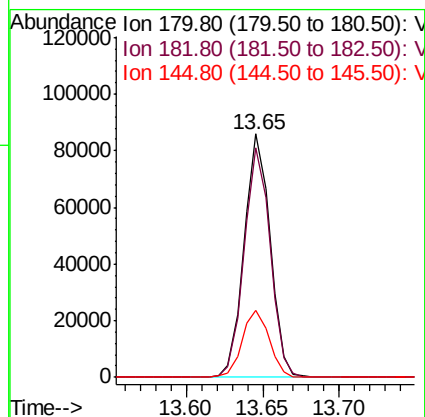
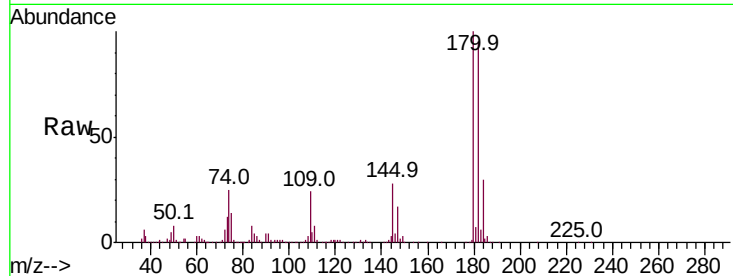
#93
1,2,4-Trichlorobenzene
Concen: 20.433 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	48.2	144.6	
145	28.4	14.1	42.2	

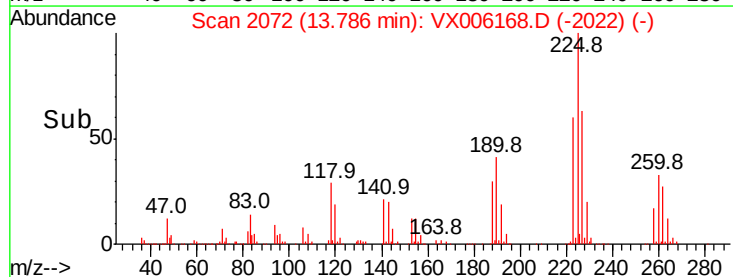
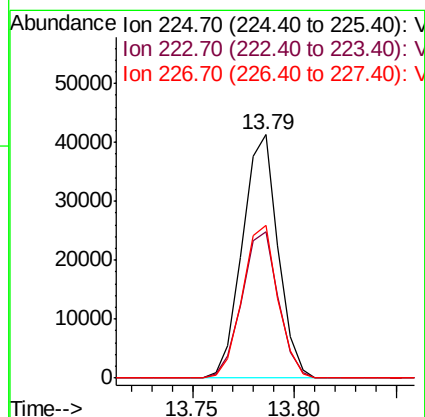
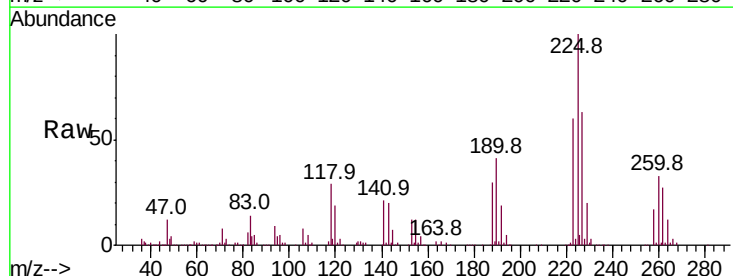
Manual Integrations
APPROVED

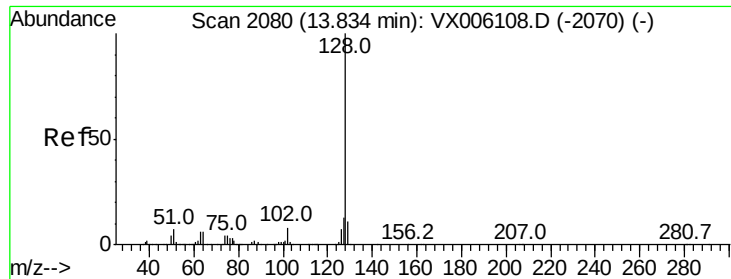
MMDadoda
11/27/2018 11:43:16 AM



#94
Hexachlorobutadiene
Concen: 20.713 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.01 min
Lab File: VX006168.D
Acq: 26 Nov 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.2	93.6	
227	62.6	32.4	97.2	





#95

Naphthalene

Concen: 21.219 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Instrument :

MSVOA_X

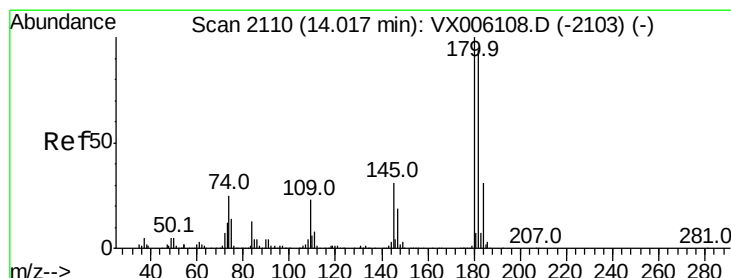
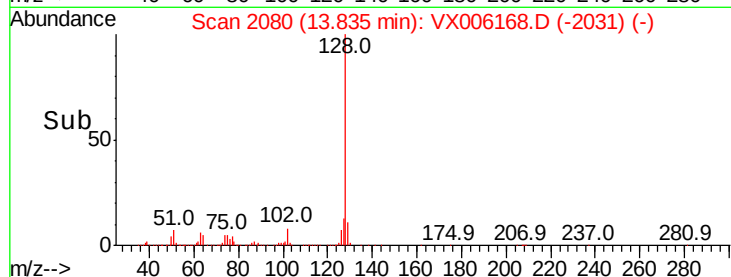
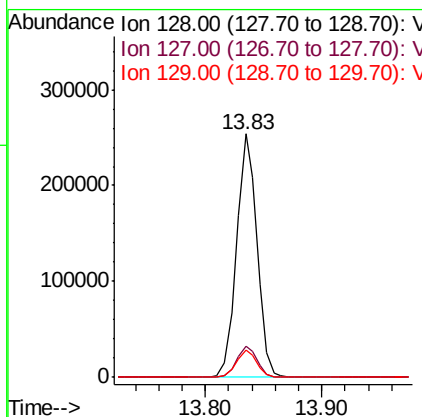
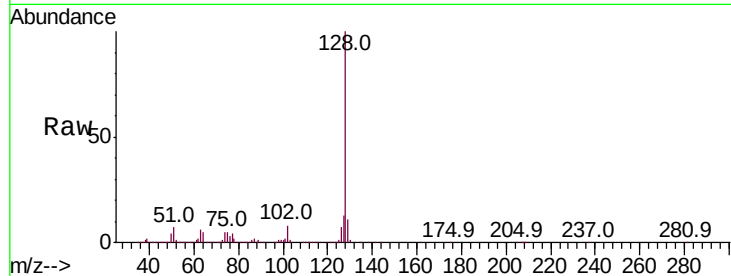
ClientSampleId :

VX1126WBS01

Tot Ion:	128	Resp:	309250
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:16 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.624 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006168.D

Acq: 26 Nov 2018 12:05

Tgt Ion:	180	Resp:	104213
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	29.4	15.0	45.0

