

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101419\
 Data File : VX013063.D
 Acq On : 14 Oct 2019 19:36
 Operator : JC/SP
 Sample : K5266-07ME
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20190856-AMENDED-COMP-CME

Quant Time: Oct 15 01:30:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	99123	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	5.49	113	74739	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	310689	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	105905	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.41	62	18039	9.434	ug/l	93
5) Bromomethane	1.63	94	586	0.737	ug/l	90
6) Chloroethane	1.70	64	833	1.076	ug/l #	81
10) Methyl Iodide	2.47	142	717	5.422	ug/l #	94
11) Tert butyl alcohol	3.01	59	10412	18.817	ug/l #	75
12) 1,1-Dichloroethene	2.33	96	6969	4.130	ug/l	92
13) Acrolein	2.30	56	105	0.267	ug/l #	24
16) Acetone	2.48	43	3317	3.015	ug/l	90
18) Methyl Acetate	2.78	43	25431	9.752	ug/l	97
20) Methylene Chloride	2.84	84	1698	0.840	ug/l #	69
21) trans-1,2-Dichloroethene	3.14	96	767	0.424	ug/l #	81
24) 1,1-Dichloroethane	3.68	63	4456	1.375	ug/l #	94
27) cis-1,2-Dichloroethene	4.58	96	65101	31.224	ug/l	87
29) Tetrahydrofuran	5.17	42	826	0.879	ug/l #	77
36) 1,1-Dichloropropene	5.64	75	12453	5.329	ug/l #	50
38) Carbon Tetrachloride	5.65	117	17158	7.543	ug/l #	19
39) Methylcyclohexane	7.45	83	6500	2.294	ug/l	87
42) 1,2-Dichloroethane	6.19	62	874	0.353	ug/l #	73
43) Isopropyl Acetate	6.47	43	1103	0.263	ug/l #	60
44) Trichloroethene	7.21	130	632	0.330	ug/l	72
48) Methyl methacrylate	7.72	41	601	0.294	ug/l #	79
53) t-1,3-Dichloropropene	9.04	75	59	2.189	ug/l #	42
55) 1,1,2-Trichloroethane	9.17	97	893	0.511	ug/l #	31
56) Ethyl methacrylate	9.15	69	312	1.927	ug/l #	1
60) Dibromochloromethane	9.33	129	848	2.277	ug/l #	10
64) Tetrachloroethene	9.33	164	948	0.596	ug/l #	87
65) Chlorobenzene	10.14	112	2289	0.503	ug/l	94
67) Ethyl Benzene	10.25	91	1734	0.214	ug/l	97
68) m/p-Xylenes	10.36	106	896	0.297	ug/l	96
71) Bromoform	11.12	173	81	3.189	ug/l #	29
73) Isopropylbenzene	11.01	105	1576	0.214	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	54002	24.358	ug/l #	33
78) n-propylbenzene	11.35	91	1676	0.207	ug/l	97
79) 2-Chlorotoluene	11.51	91	2854	0.562	ug/l	90

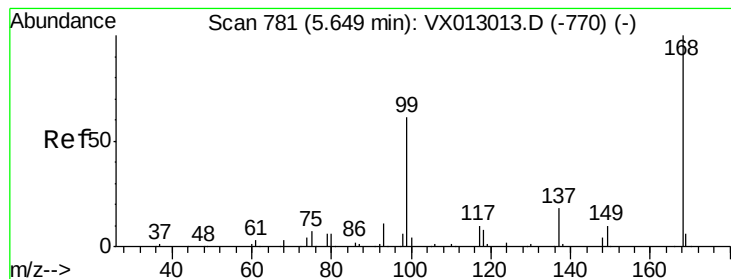
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	54002	61.603	ug/l #	10
82) 4-Chlorotoluene	11.51	91	2854	0.490	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1541	0.248	ug/l	95
85) sec-Butylbenzene	11.94	105	2558	0.369	ug/l #	76
87) 1,3-Dichlorobenzene	12.03	146	648	0.201	ug/l	79
89) n-Butylbenzene	12.39	91	1322	0.245	ug/l #	82
90) Hexachloroethane	12.60	117	130	2.223	ug/l #	13
91) 1,2-Dichlorobenzene	12.39	146	2222	0.705	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	632	0.320	ug/l #	76
95) Naphthalene	13.83	128	2909	0.425	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.01	180	627	0.307	ug/l #	75

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

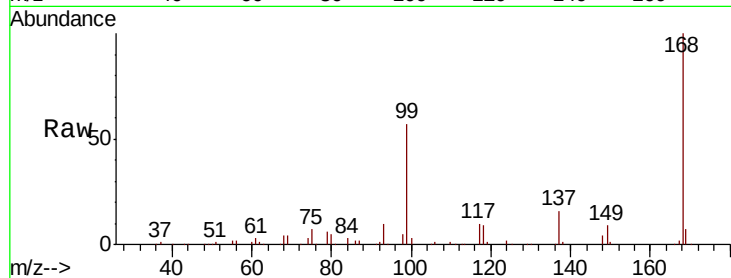
20190856-AMENDED-COMP-CME

Tot Ion:168 Resp: 166999

Ion Ratio Lower Upper

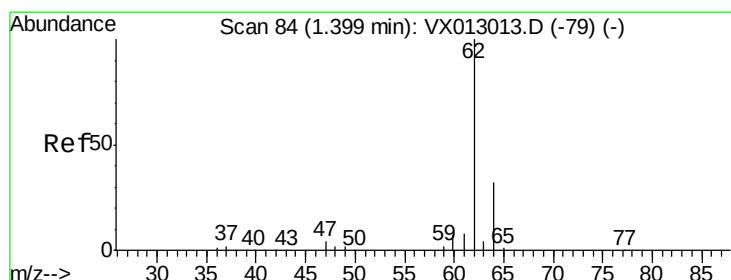
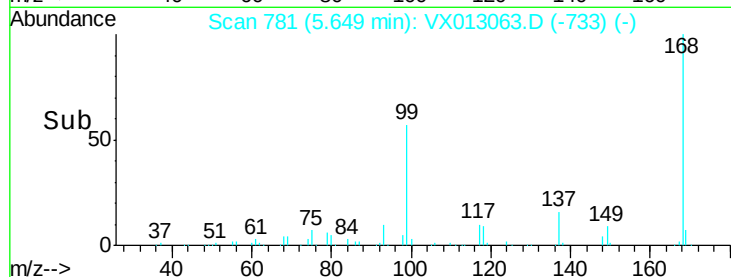
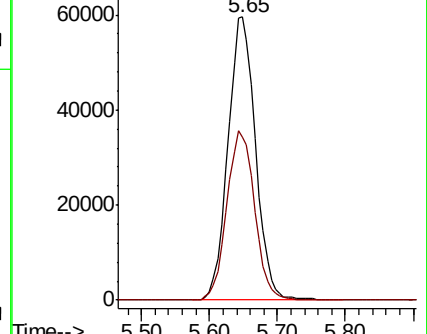
168 100

99 57.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 9.434 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX013063.D

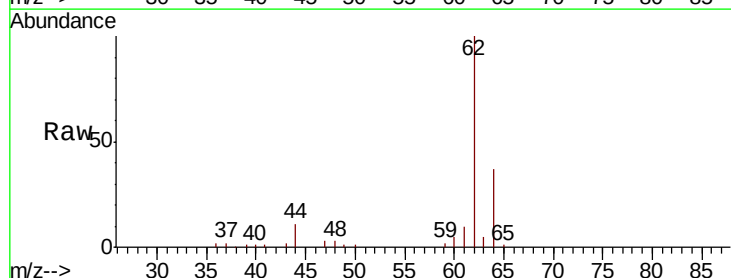
Acq: 14 Oct 2019 19:36

Tgt Ion: 62 Resp: 18039

Ion Ratio Lower Upper

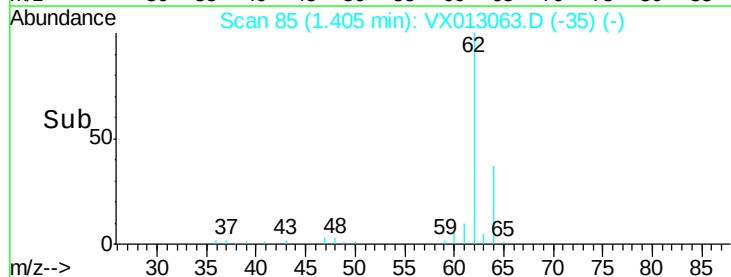
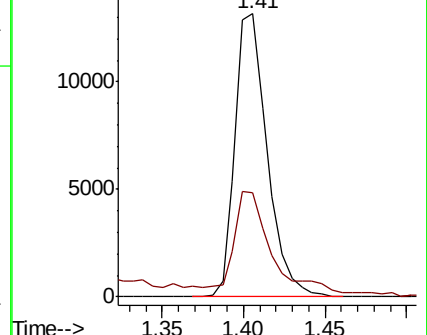
62 100

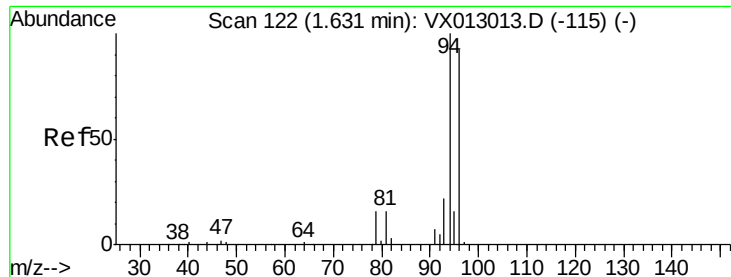
64 35.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.737 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

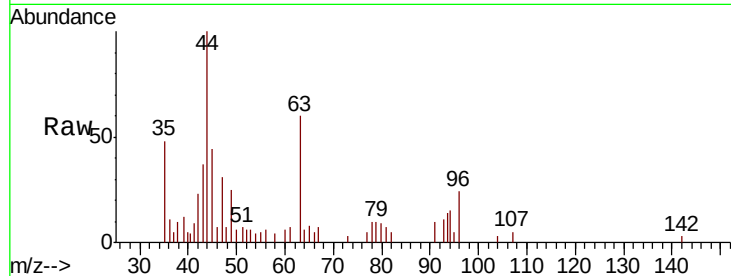
20190856-AMENDED-COMP-CME

Tot Ion: 94 Resp: 586

Ion Ratio Lower Upper

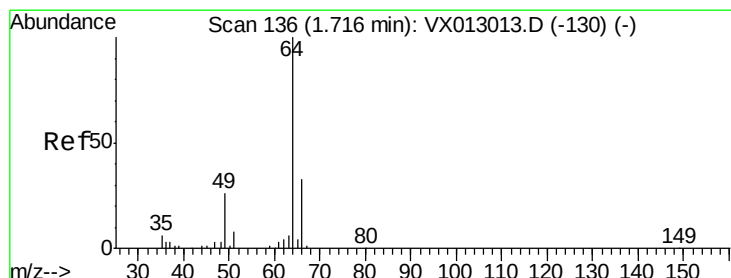
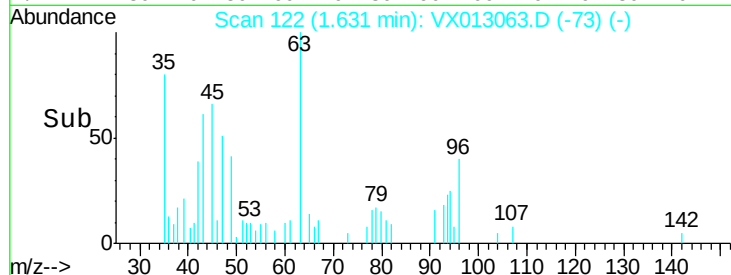
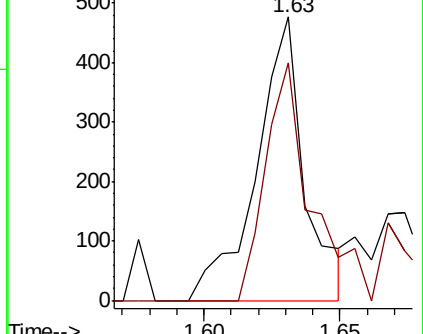
94 100

96 83.9 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.076 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013063.D

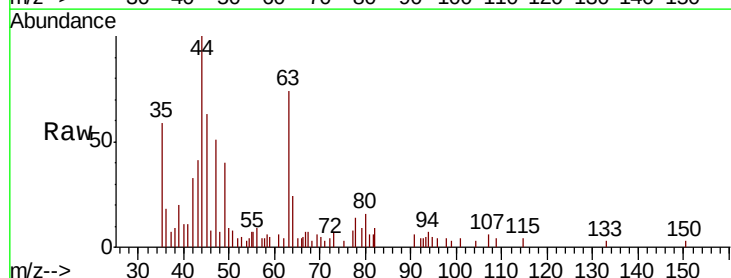
Acq: 14 Oct 2019 19:36

Tgt Ion: 64 Resp: 833

Ion Ratio Lower Upper

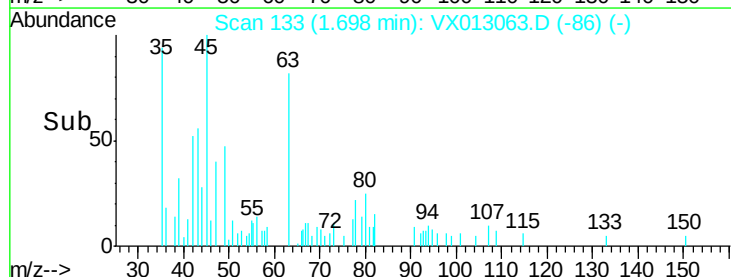
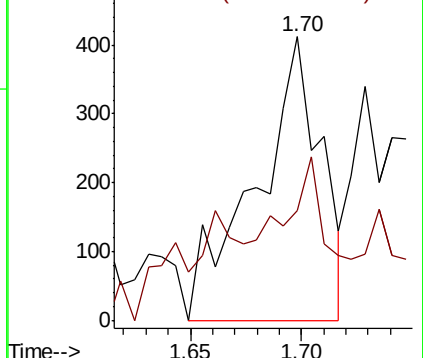
64 100

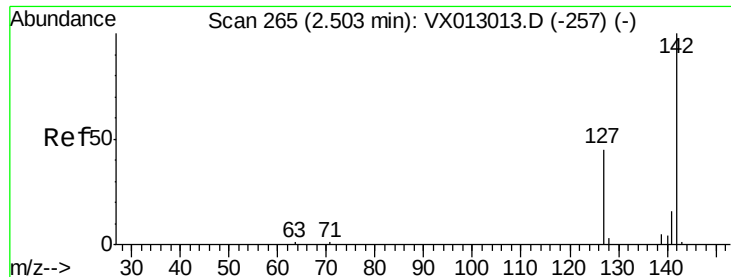
66 21.6 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

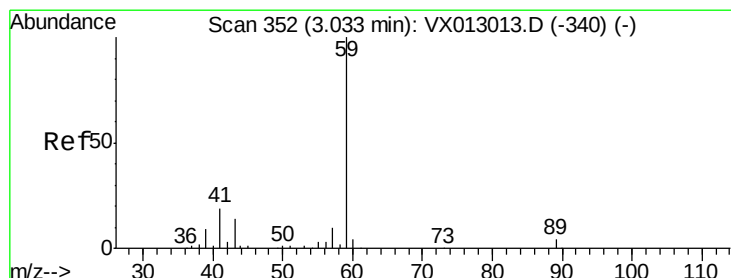
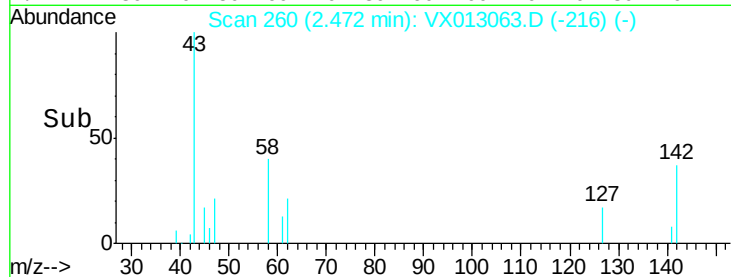
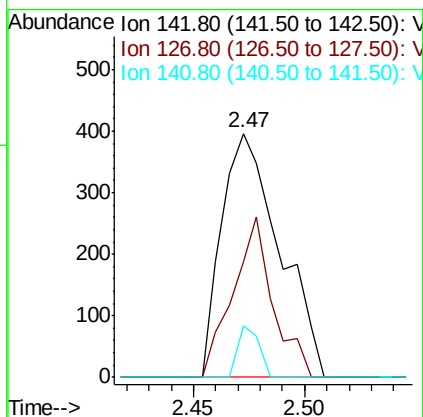
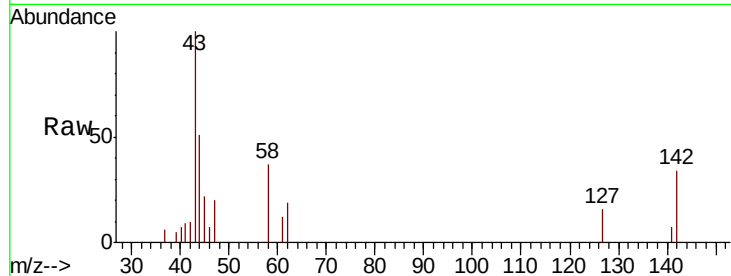




#10
Methvl Iodide
Concen: 5.422 ug/l
RT: 2.47 min Scan# 260
Delta R.T. -0.03 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

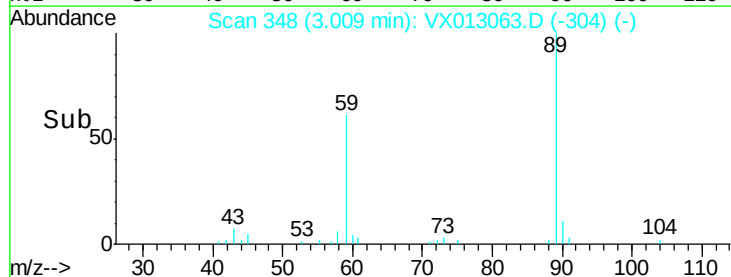
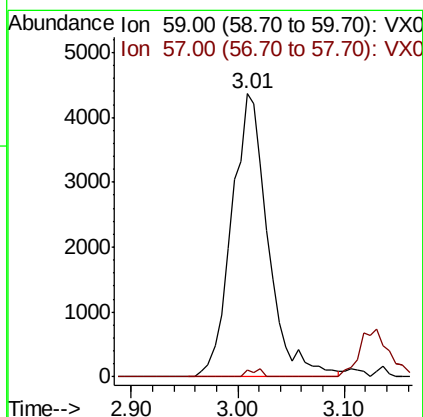
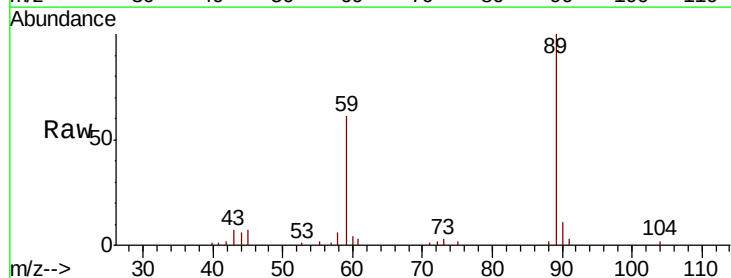
Instrument :
MSVOA_X
ClientSampleId :
20190856-AMENDED-COMP-CME

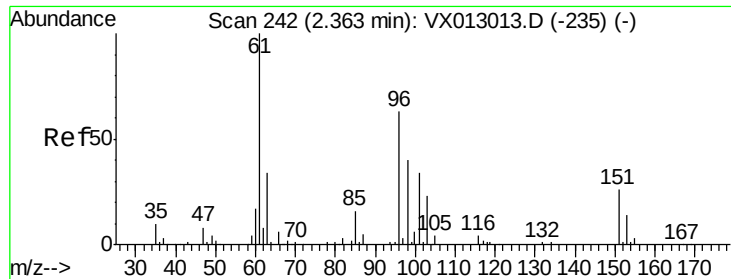
Tot Ion:142 Resp: 717
Ion Ratio Lower Upper
142 100
127 45.2 34.9 52.3
141 7.7 11.6 17.4#



#11
Tert butyl alcohol
Concen: 18.817 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

Tgt Ion: 59 Resp: 10412
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#

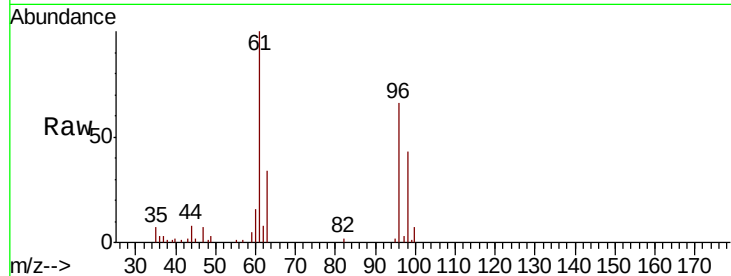




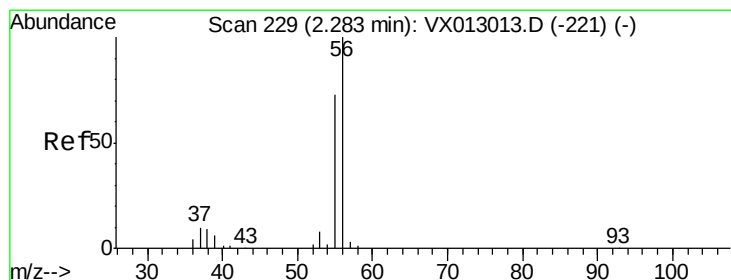
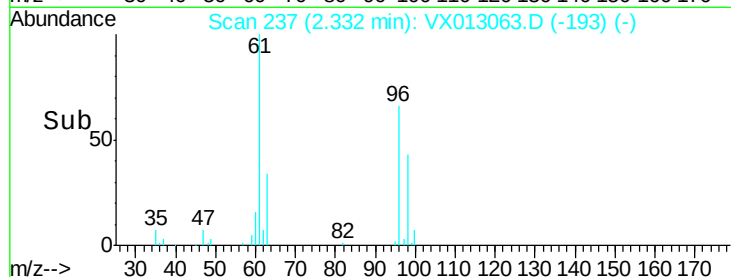
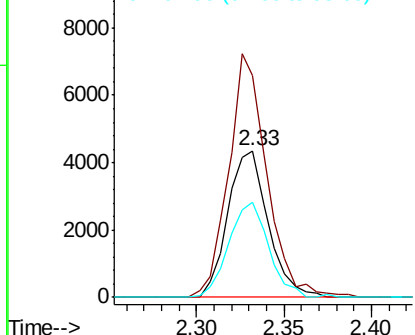
#12
 1,1-Dichloroethene
 Concen: 4.130 ug/l
 RT: 2.33 min Scan# 237
 Delta R.T. -0.03 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 20190856-AMENDED-COMP-CME

Tot Ion: 96 Resp: 6969
 Ion Ratio Lower Upper
 96 100
 61 151.3 132.2 198.4
 98 65.1 50.5 75.7

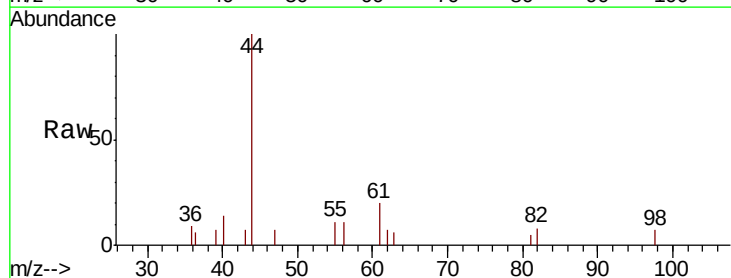


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

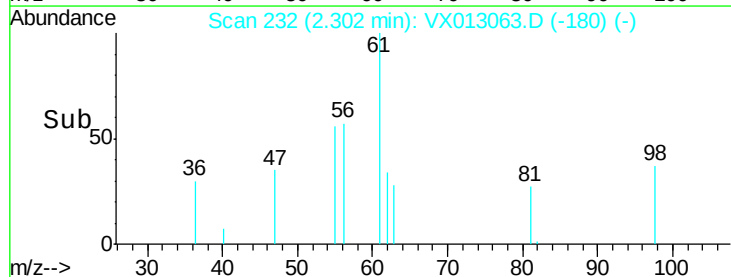
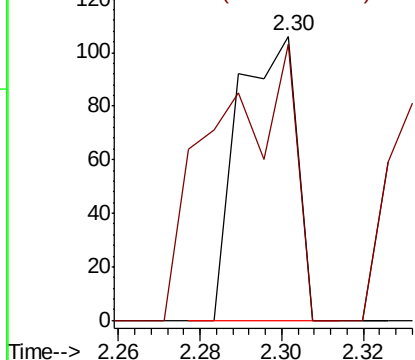


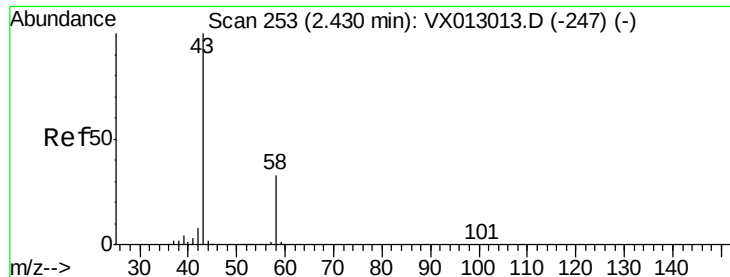
#13
 Acrolein
 Concen: 0.267 ug/l
 RT: 2.30 min Scan# 232
 Delta R.T. 0.02 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Tgt Ion: 56 Resp: 105
 Ion Ratio Lower Upper
 56 100
 55 133.3 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 3.015 ug/l

RT: 2.48 min Scan# 261

Delta R.T. 0.04 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

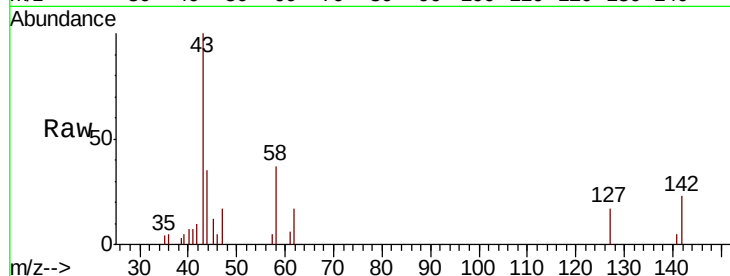
20190856-AMENDED-COMP-CME

Tot Ion: 43 Resp: 3317

Ion Ratio Lower Upper

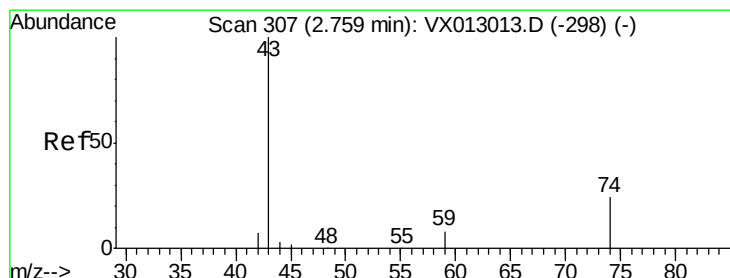
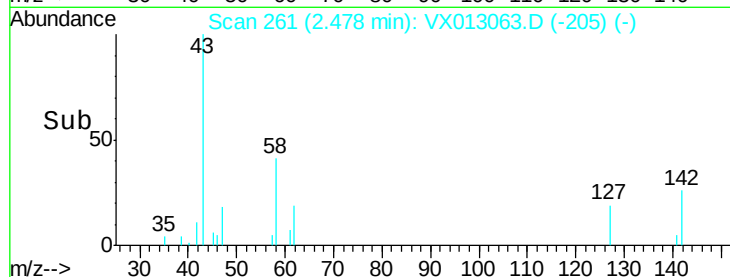
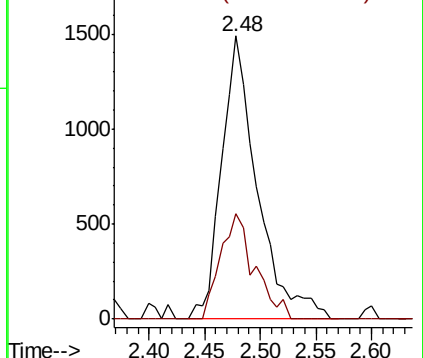
43 100

58 37.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 9.752 ug/l

RT: 2.78 min Scan# 311

Delta R.T. 0.02 min

Lab File: VX013063.D

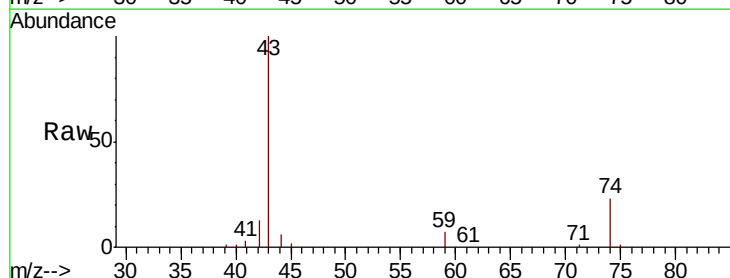
Acq: 14 Oct 2019 19:36

Tgt Ion: 43 Resp: 25431

Ion Ratio Lower Upper

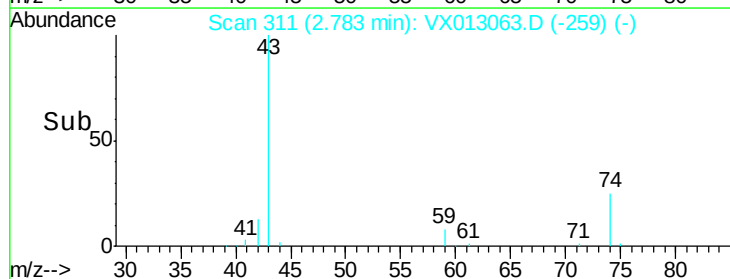
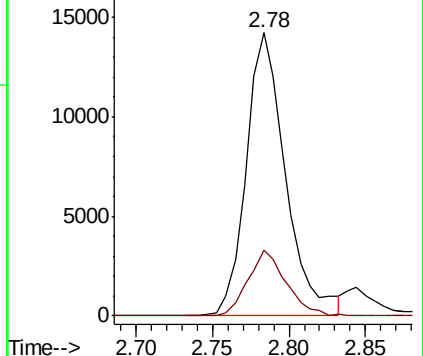
43 100

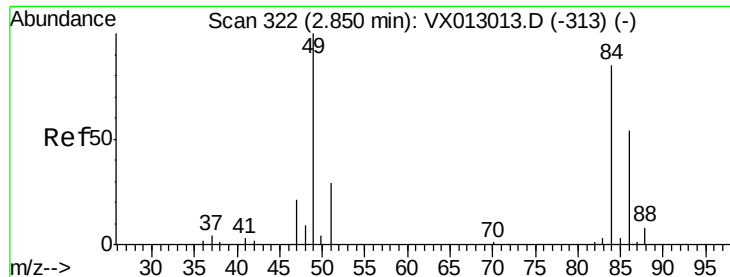
74 22.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

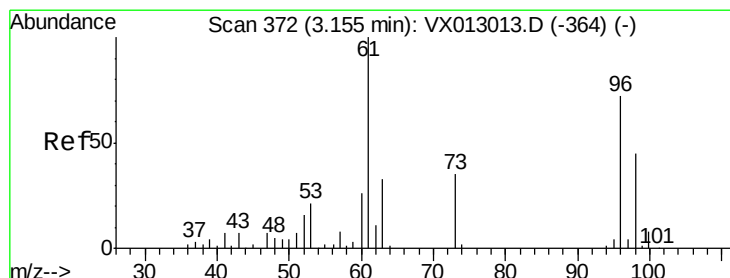
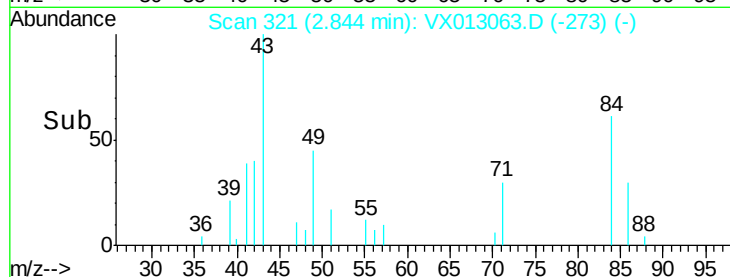
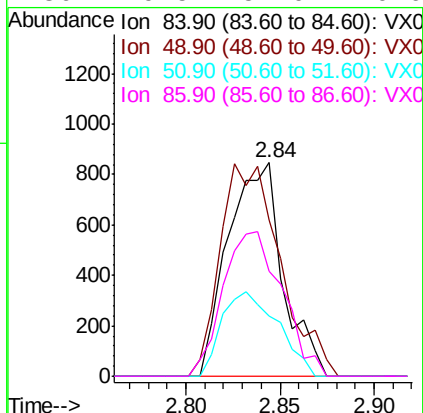
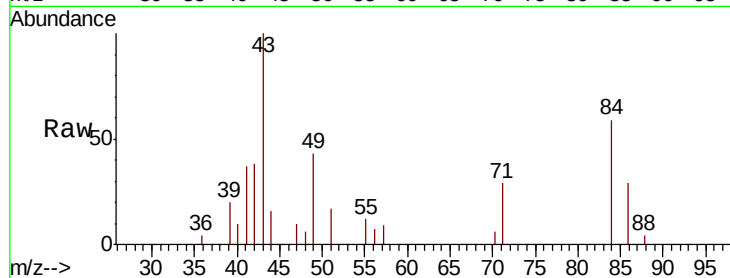




#20
Methvlene Chloride
Concen: 0.840 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

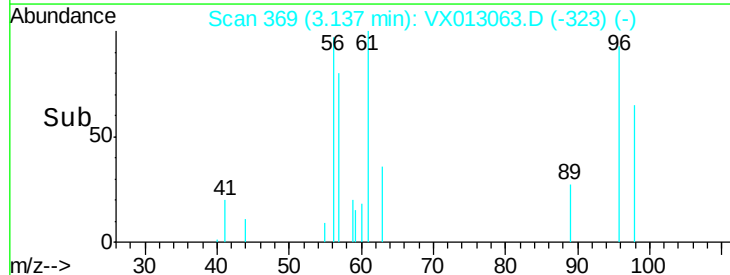
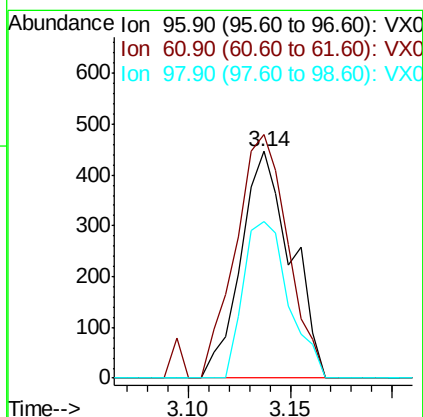
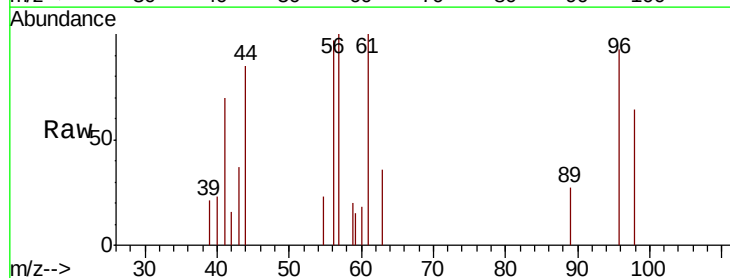
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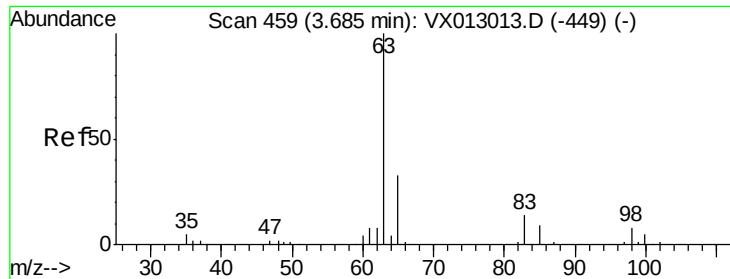
Tot Ion: 84 Resp: 1698
Ion Ratio Lower Upper
84 100
49 73.0 96.6 144.8#
51 28.2 30.7 46.1#
86 49.5 51.0 76.6#



#21
trans-1,2-Dichloroethene
Concen: 0.424 ug/l
RT: 3.14 min Scan# 369
Delta R.T. -0.02 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

Tgt Ion: 96 Resp: 767
Ion Ratio Lower Upper
96 100
61 107.4 110.4 165.6#
98 69.3 51.5 77.3





#24

1,1-Dichloroethane

Concen: 1.375 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

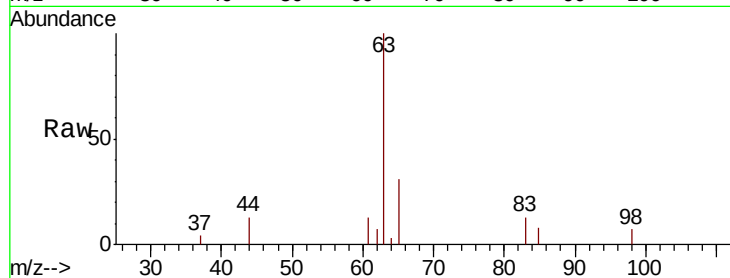
Tot Ion: 63 Resp: 4456

Ion Ratio Lower Upper

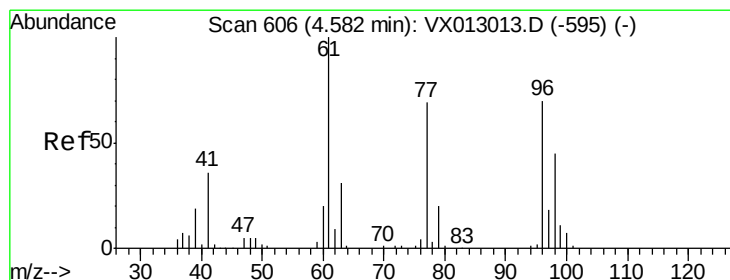
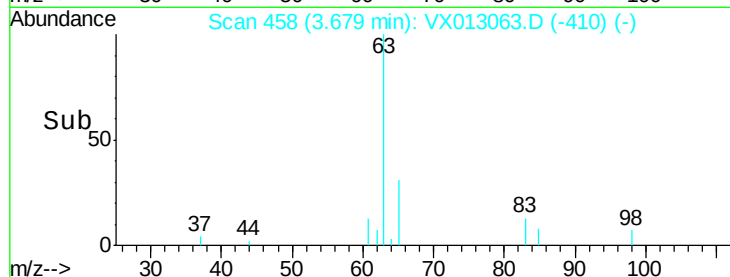
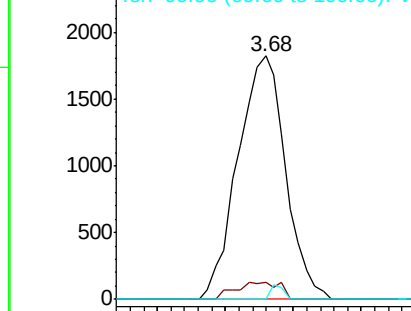
63 100

98 7.1 3.9 11.5

100 0.0 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 31.224 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

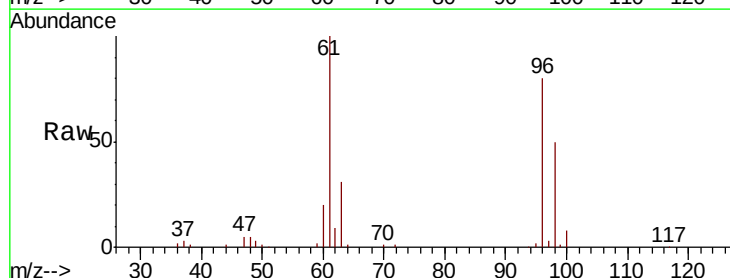
Tgt Ion: 96 Resp: 65101

Ion Ratio Lower Upper

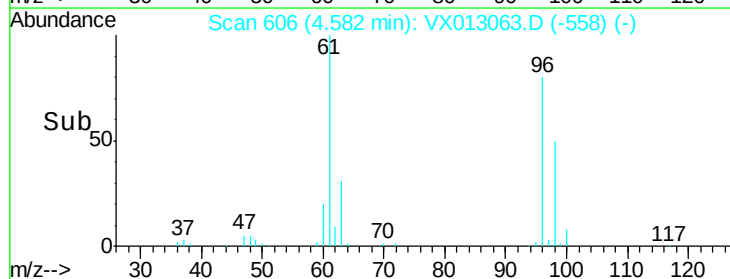
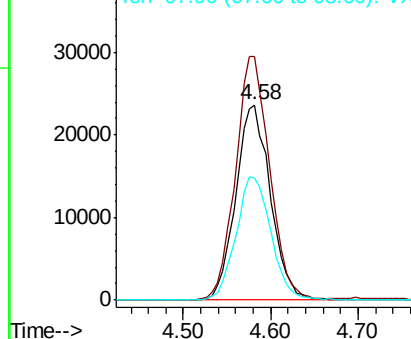
96 100

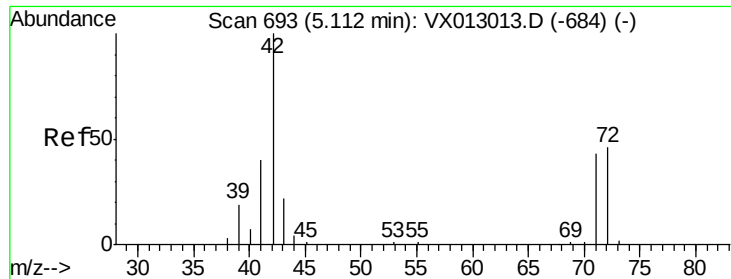
61 123.1 0.0 290.6

98 63.9 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.879 ug/l

RT: 5.17 min Scan# 703

Delta R.T. 0.05 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

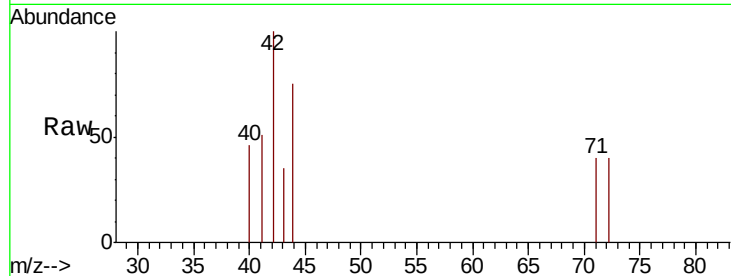
Tot Ion: 42 Resp: 826

Ion Ratio Lower Upper

42 100

72 24.5 36.9 55.3#

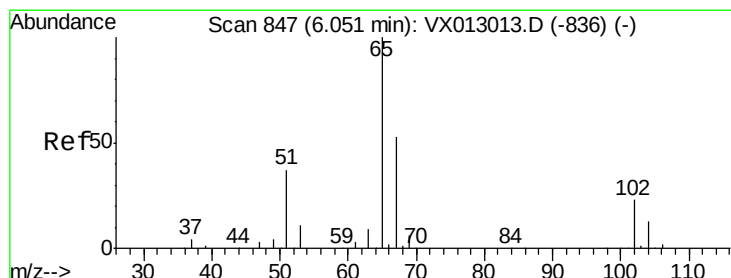
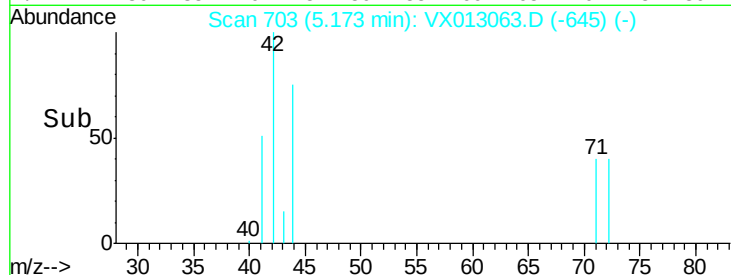
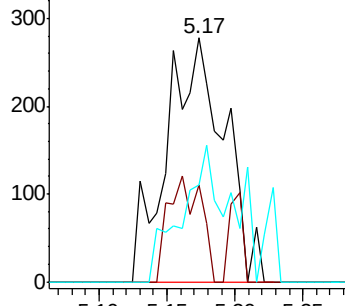
71 34.4 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.489 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013063.D

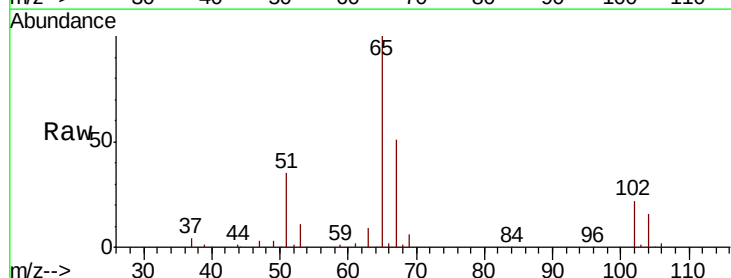
Acq: 14 Oct 2019 19:36

Tgt Ion: 65 Resp: 99123

Ion Ratio Lower Upper

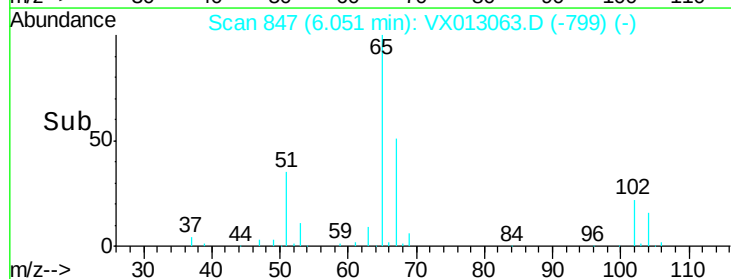
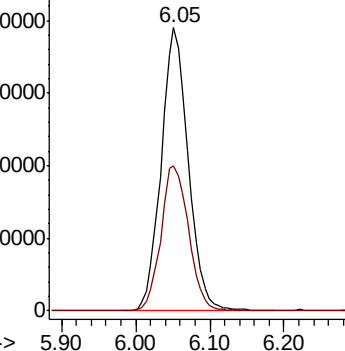
65 100

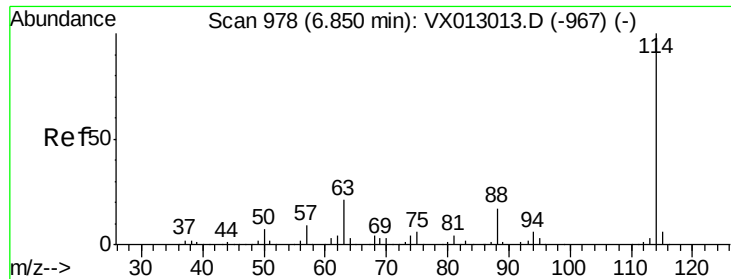
67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

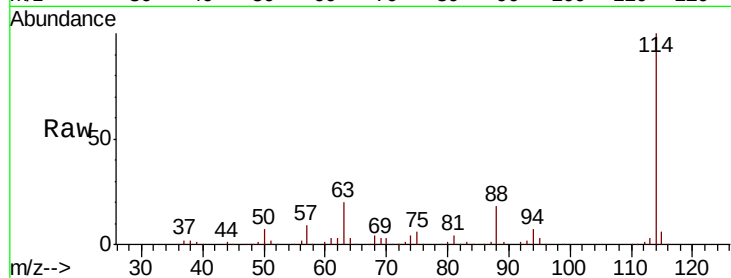




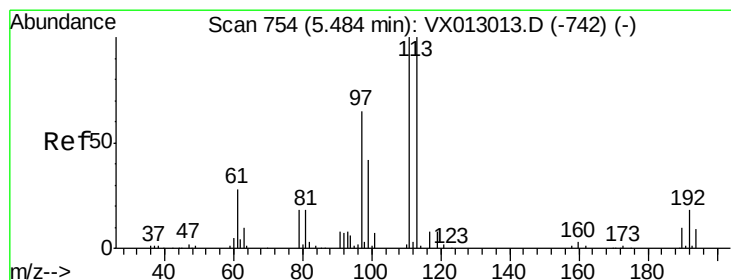
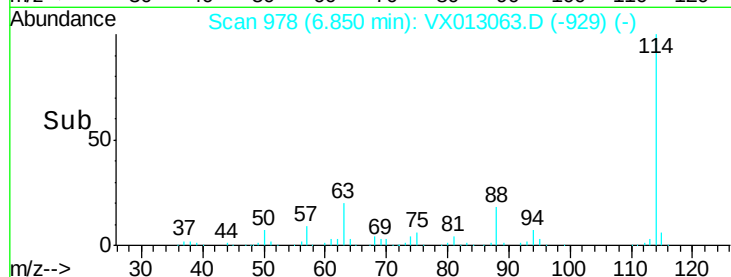
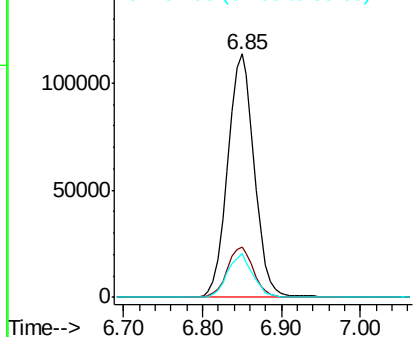
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 20190856-AMENDED-COMP-CME

Tot Ion:114 Resp: 265793
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 17.8 0.0 33.8

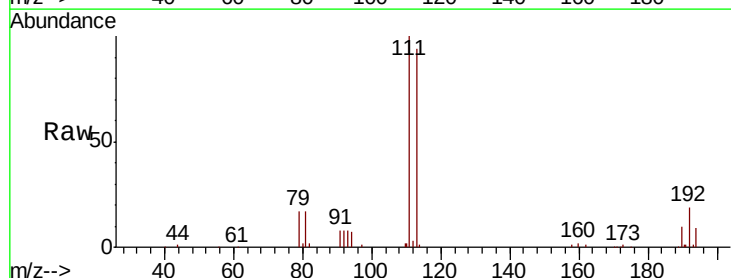


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

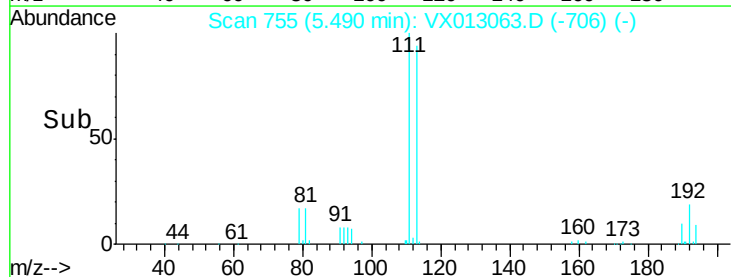
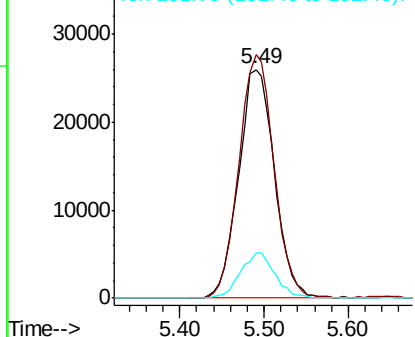


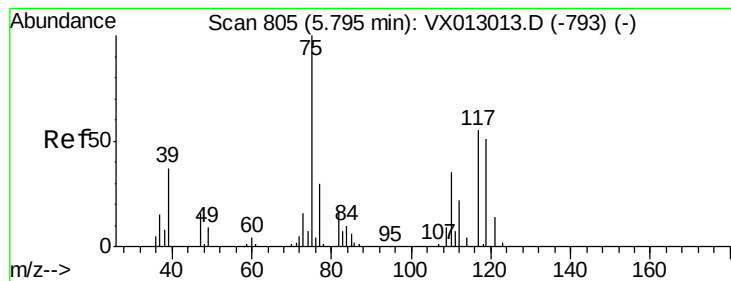
#35
 Dibromofluoromethane
 Concen: 48.993 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Tgt Ion:113 Resp: 74739
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.2 124.8
 192 18.9 15.4 23.2



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





#36

1,1-Dichloropropene

Concen: 5.329 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

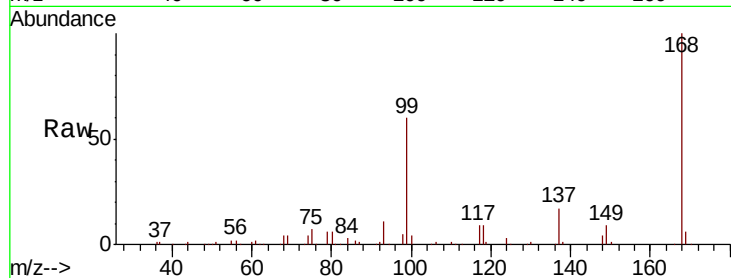
Tot Ion: 75 Resp: 12453

Ion Ratio Lower Upper

75 100

110 9.6 17.6 52.9#

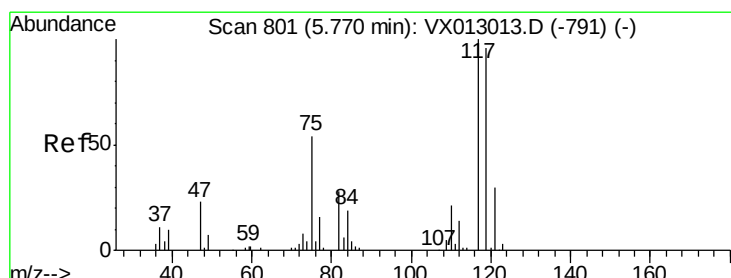
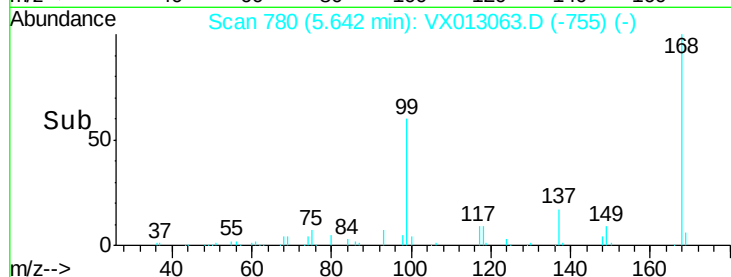
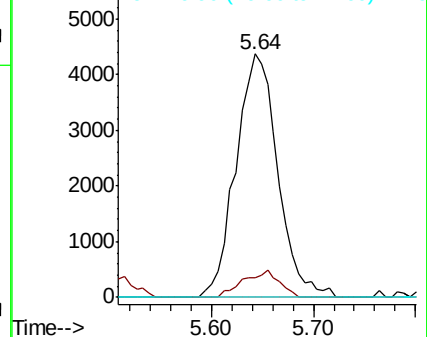
77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 7.543 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

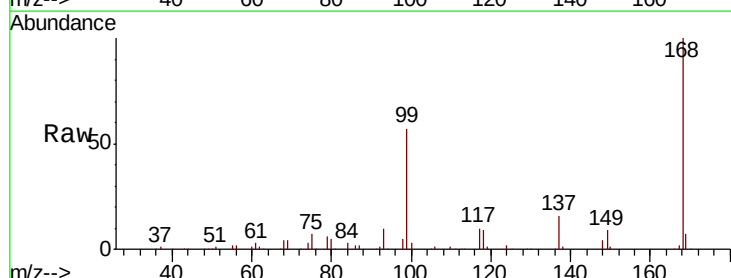
Tgt Ion: 117 Resp: 17158

Ion Ratio Lower Upper

117 100

119 7.5 74.5 111.7#

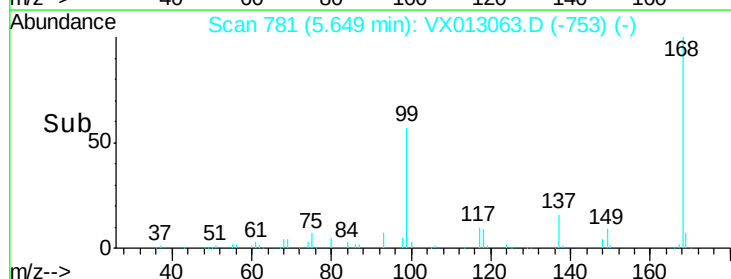
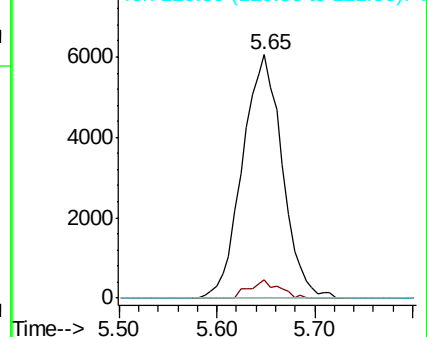
121 0.0 24.2 36.4#

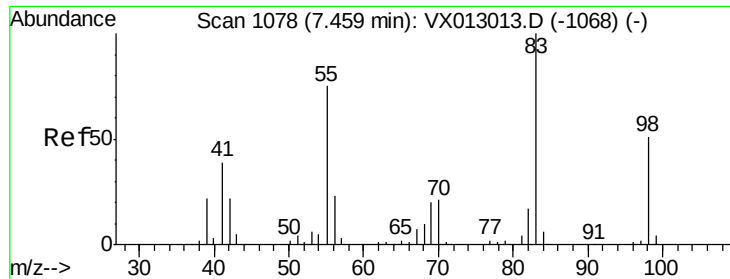


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 2.294 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. -0.01 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

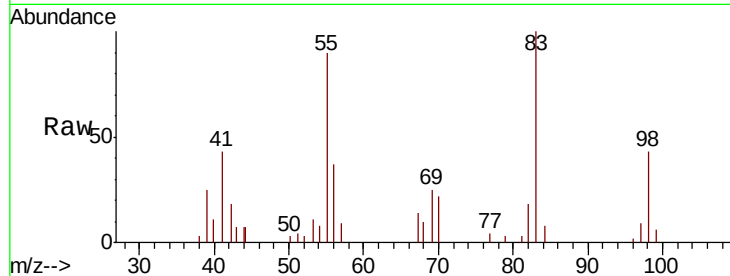
Tot Ion: 83 Resp: 6500

Ion Ratio Lower Upper

83 100

55 90.0 60.2 90.4

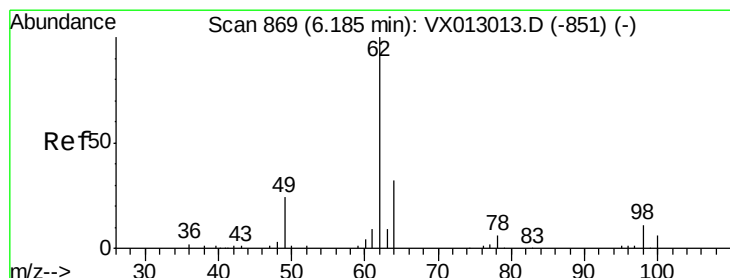
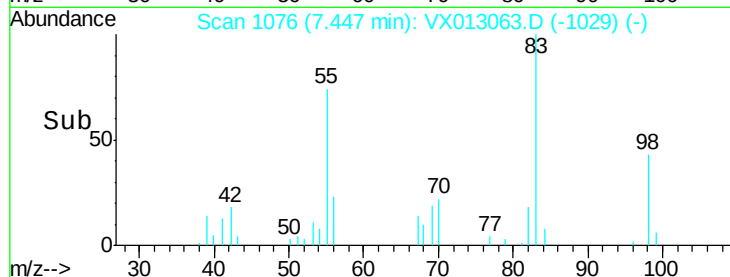
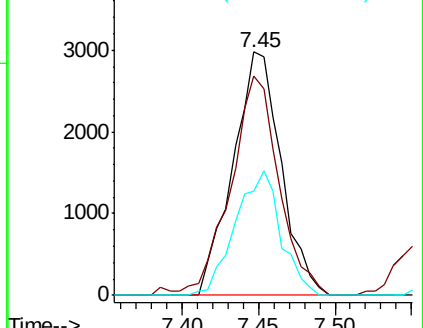
98 42.9 38.5 57.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#42

1,2-Dichloroethane

Concen: 0.353 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX013063.D

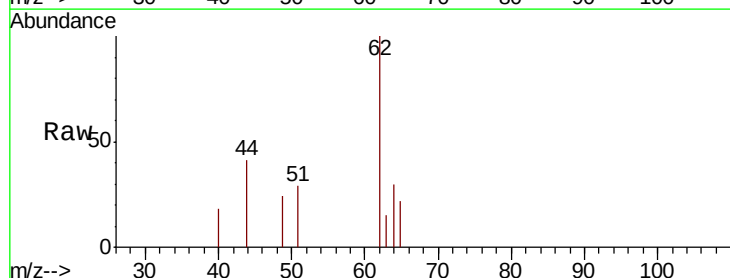
Acq: 14 Oct 2019 19:36

Tgt Ion: 62 Resp: 874

Ion Ratio Lower Upper

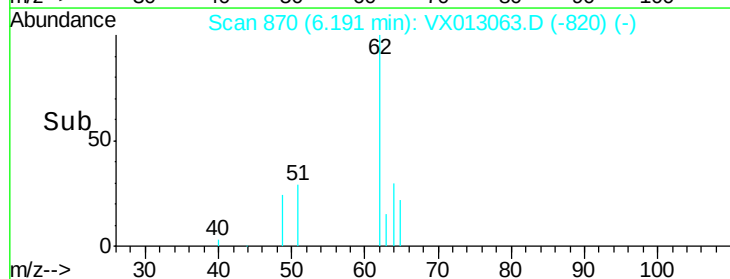
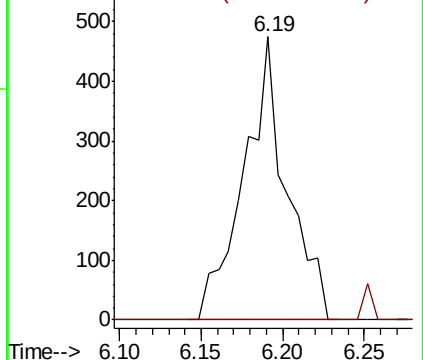
62 100

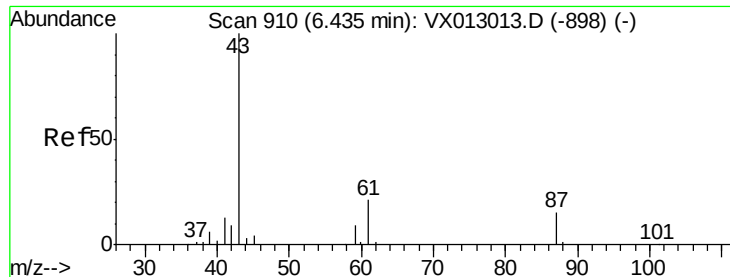
98 0.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.263 ug/l

RT: 6.47 min Scan# 916

Delta R.T. 0.04 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

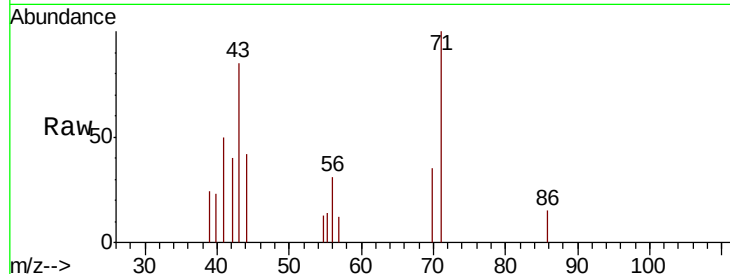
Tot Ion: 43 Resp: 1103

Ion Ratio Lower Upper

43 100

61 0.0 16.6 24.8#

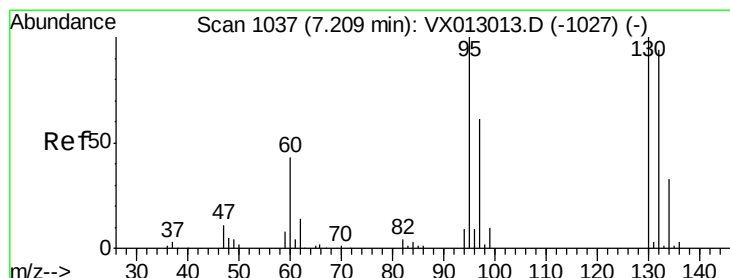
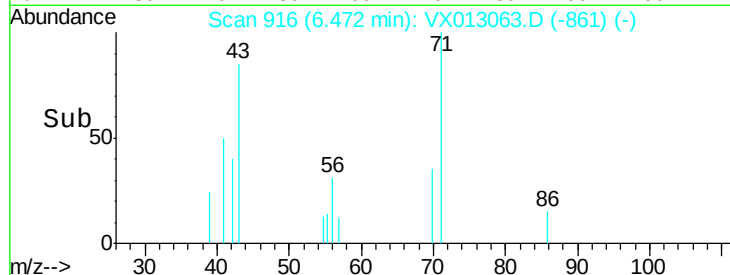
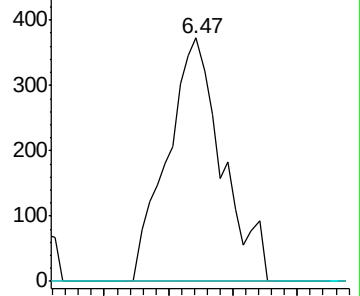
87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.330 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013063.D

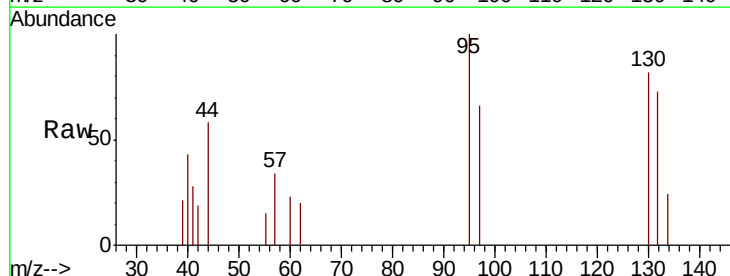
Acq: 14 Oct 2019 19:36

Tgt Ion: 130 Resp: 632

Ion Ratio Lower Upper

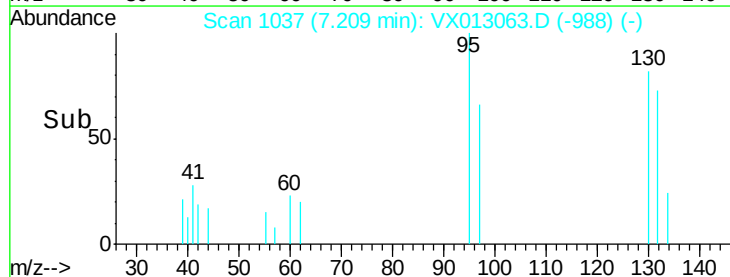
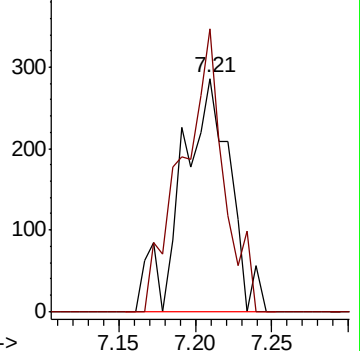
130 100

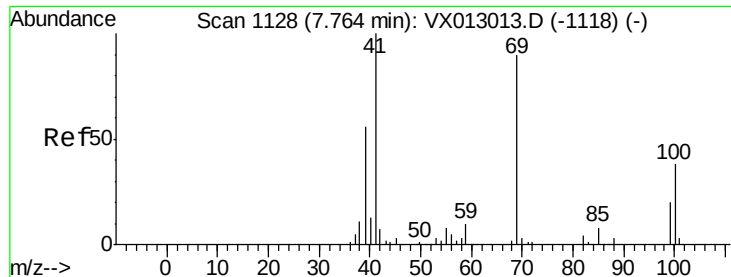
95 121.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

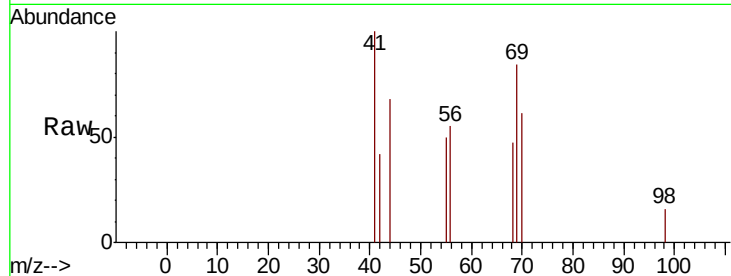




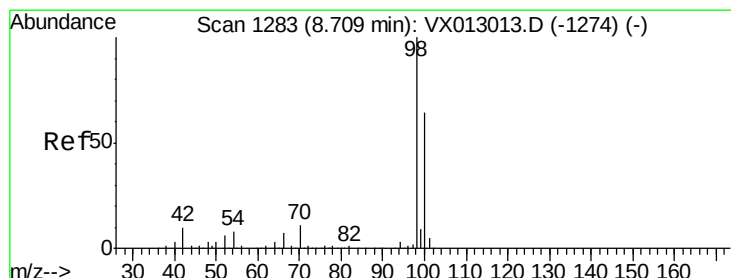
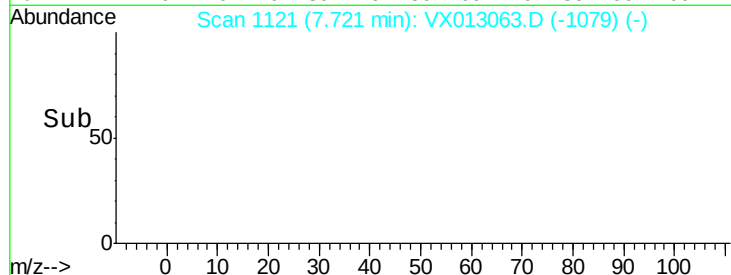
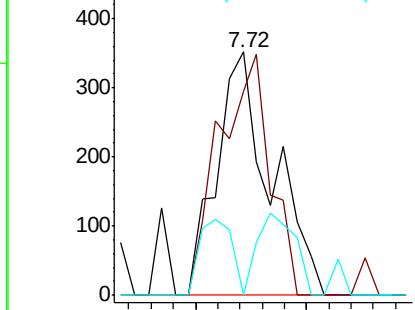
#48
Methyl methacrylate
Concen: 0.294 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.04 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

Instrument :
MSVOA_X
ClientSampleId :
20190856-AMENDED-COMP-CME

Tot Ion: 41 Resp: 601
Ion Ratio Lower Upper
41 100
69 92.0 68.7 103.1
39 23.1 44.3 66.5#

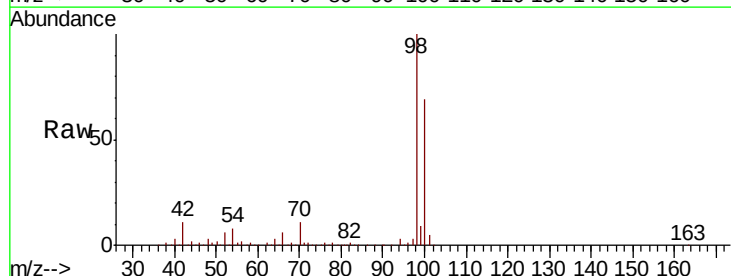


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

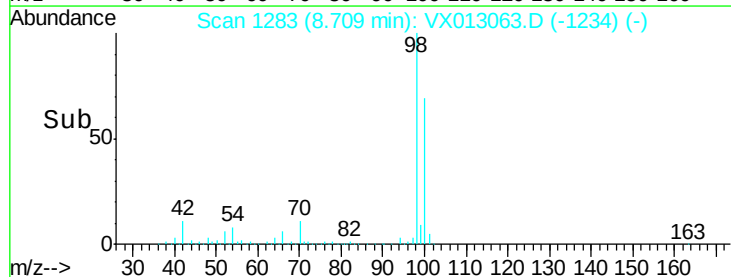
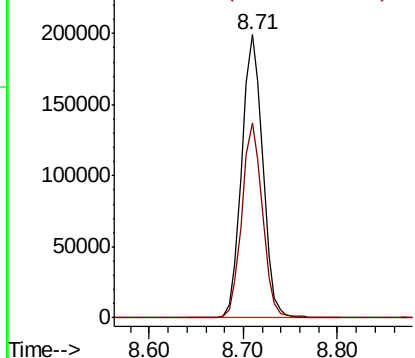


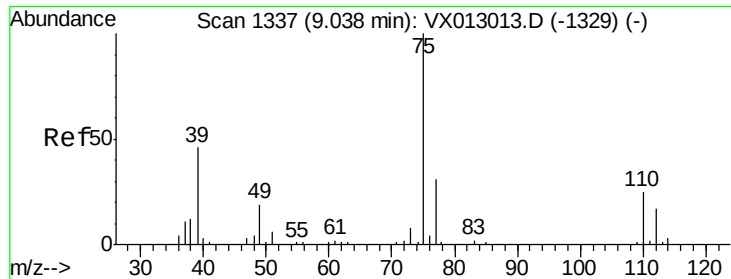
#50
Toluene-d8
Concen: 52.218 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

Tgt Ion: 98 Resp: 310689
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#53

t-1,3-Dichloropropene

Concen: 2.189 ug/l

RT: 9.04 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

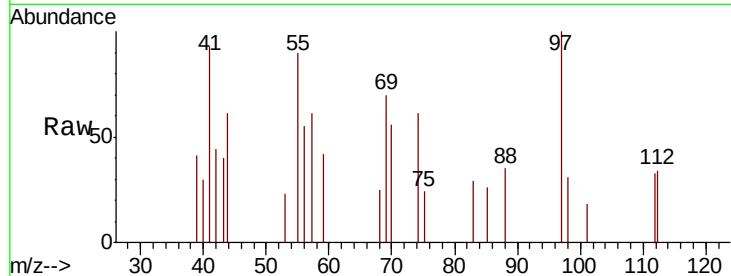
20190856-AMENDED-COMP-CME

Tot Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100

80

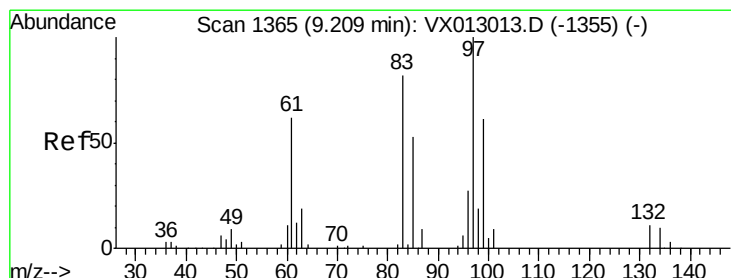
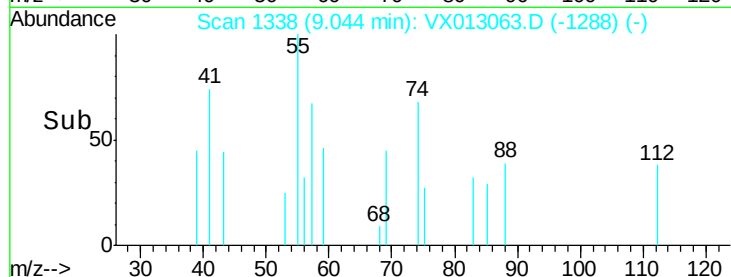
60

40

20

0

Time--> 9.02 9.04 9.06



#55

1,1,2-Trichloroethane

Concen: 0.511 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.04 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Tgt Ion: 97 Resp: 893

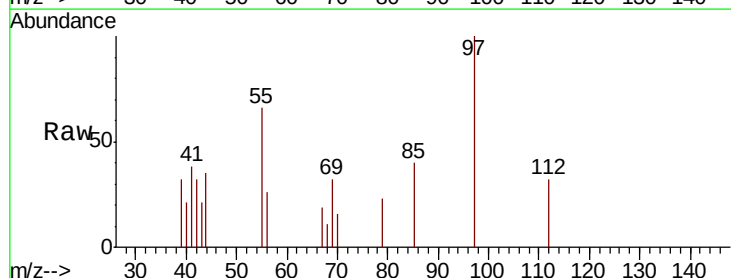
Ion Ratio Lower Upper

97 100

83 0.0 66.5 99.7#

85 39.7 43.1 64.7#

99 0.0 49.2 73.8#



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

800

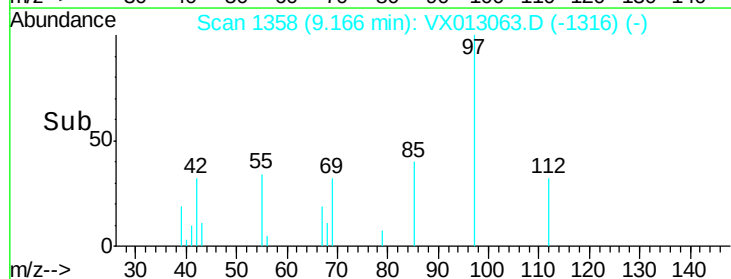
600

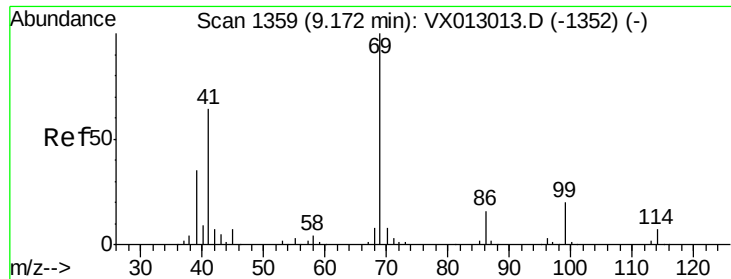
400

200

0

Time--> 9.10 9.15 9.20





#56

Ethyl methacrylate

Concen: 1.927 ug/l

RT: 9.15 min Scan# 1356

Delta R.T. -0.02 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

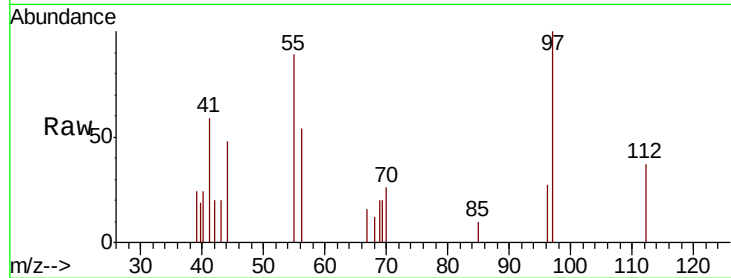
Tot Ion: 69.00 Resp: 312

Ion Ratio Lower Upper

69 100

41 229.2 52.1 78.1#

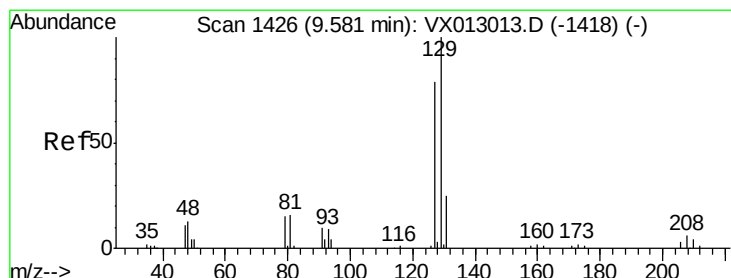
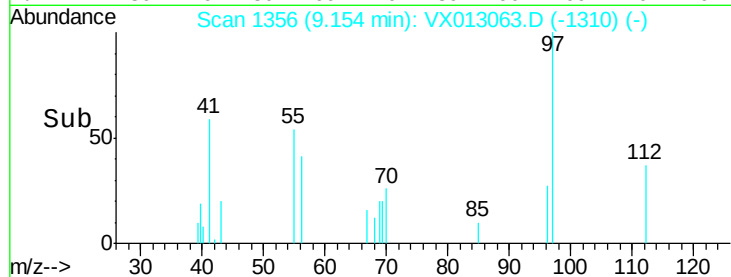
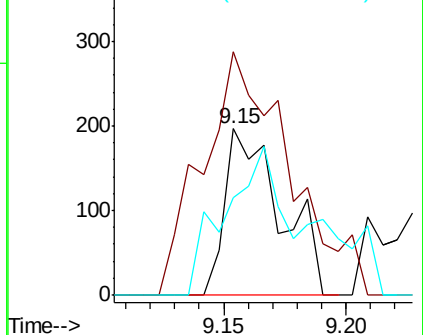
39 133.7 27.8 41.8#



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



#60

Dibromochloromethane

Concen: 2.277 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX013063.D

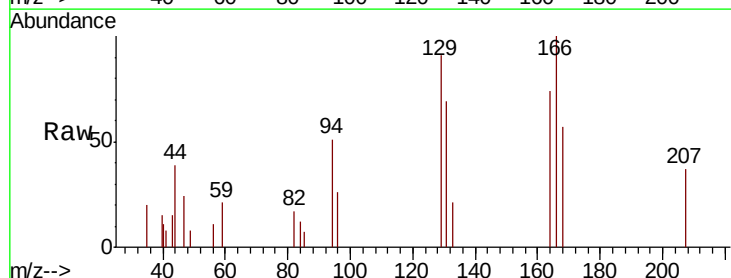
Acq: 14 Oct 2019 19:36

Tgt Ion: 129 Resp: 848

Ion Ratio Lower Upper

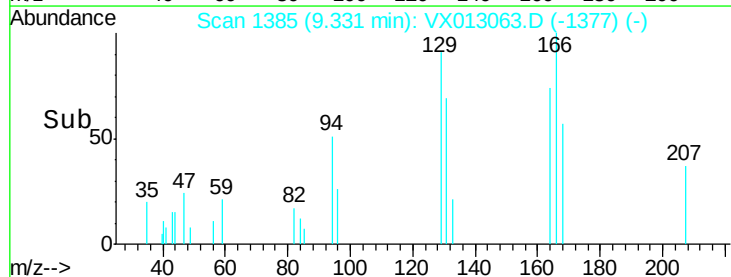
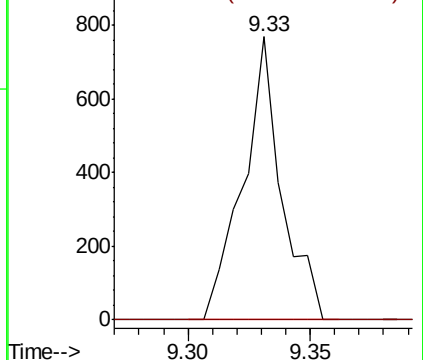
129 100

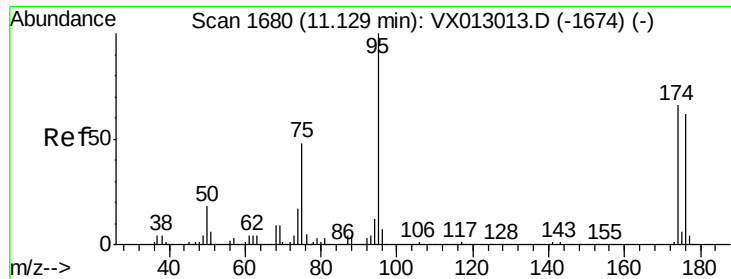
127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 45.809 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

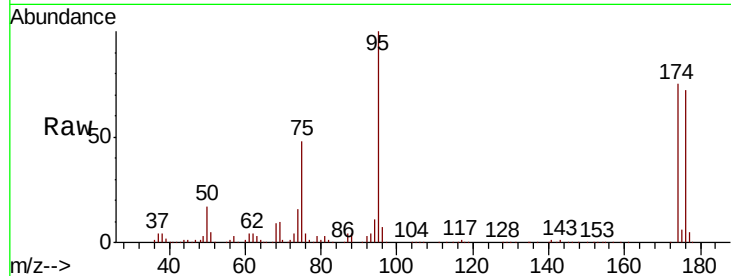
Tot Ion: 95 Resp: 105905

Ion Ratio Lower Upper

95 100

174 76.4 0.0 143.4

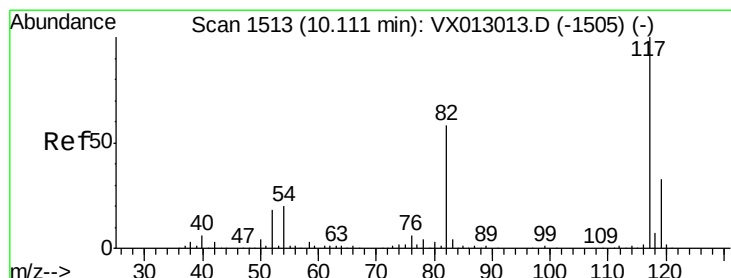
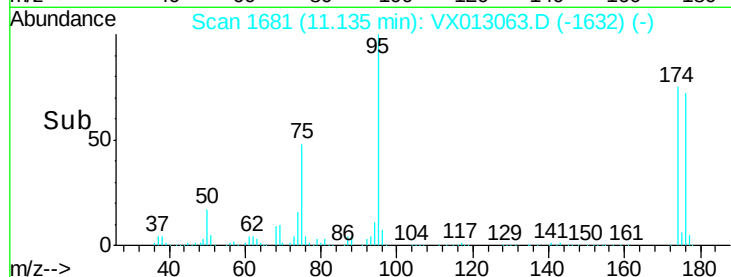
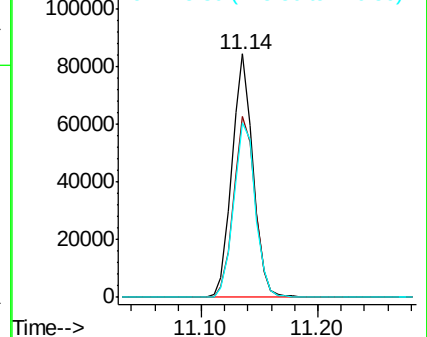
176 74.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

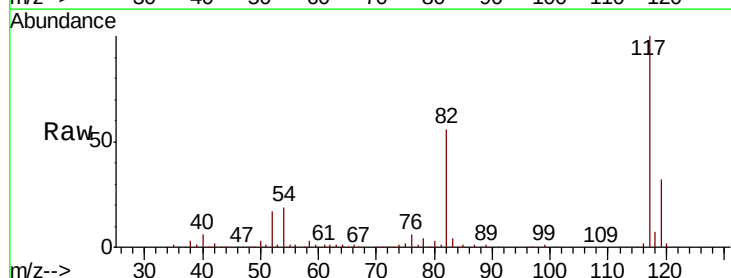
Tgt Ion: 117 Resp: 229243

Ion Ratio Lower Upper

117 100

82 56.0 44.1 66.1

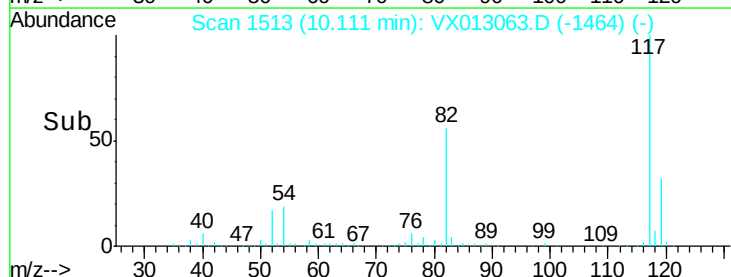
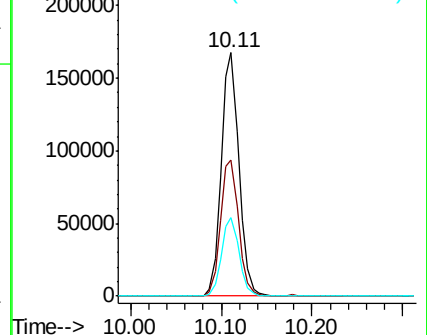
119 32.0 25.8 38.8

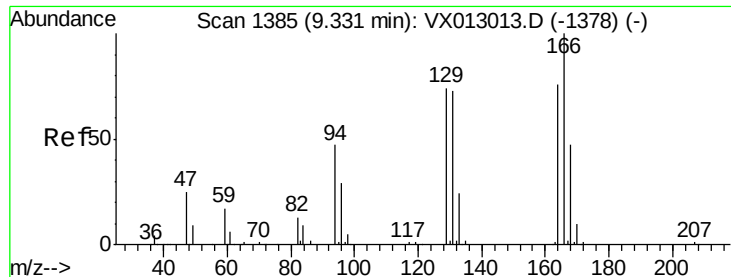


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

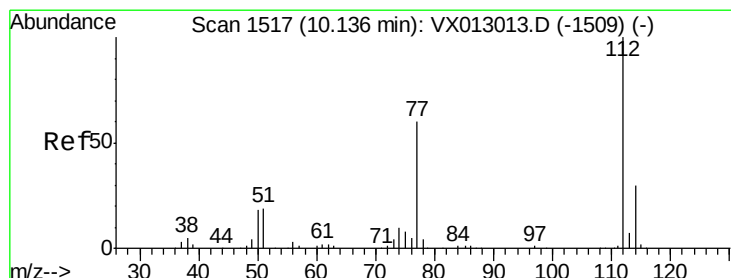
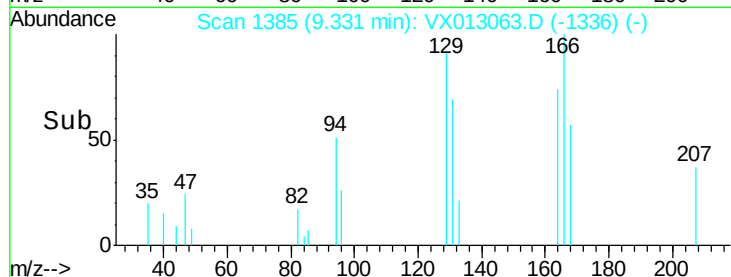
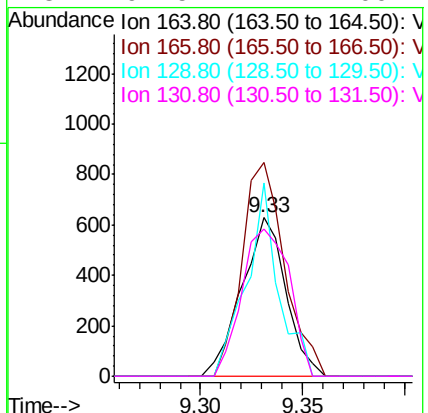
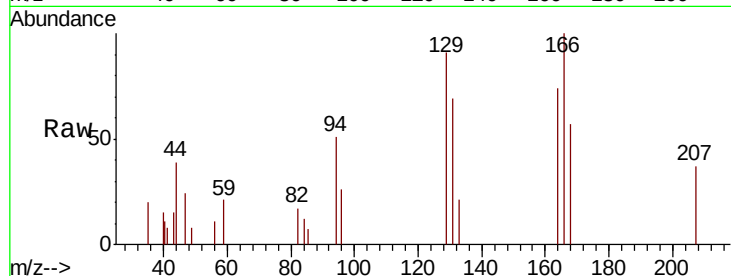




#64
 Tetrachloroethene
 Concen: 0.596 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

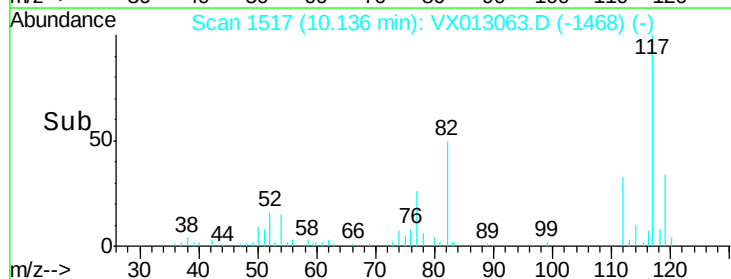
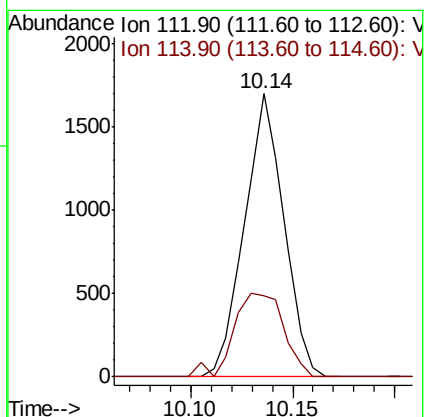
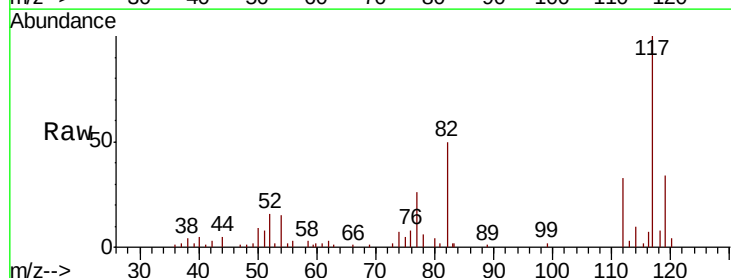
Instrument :
 MSVOA_X
 ClientSampleId :
 20190856-AMENDED-COMP-CME

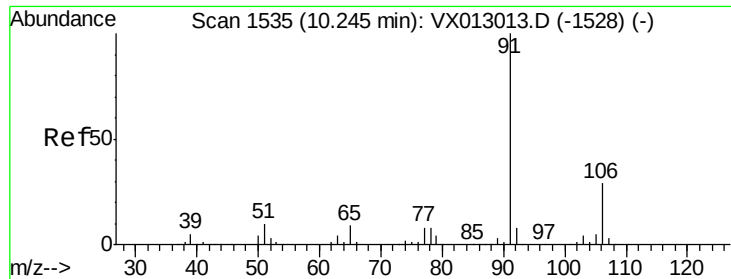
Tot Ion:	164	Resp:	948
Ion	Ratio	Lower	Upper
164	100		
166	134.7	96.9	145.3
129	122.1	77.9	116.9
131	92.5	72.7	109.1



#65
 Chlorobenzene
 Concen: 0.503 ug/l
 RT: 10.14 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Tgt Ion:	112	Resp:	2289
Ion	Ratio	Lower	Upper
112	100		
114	28.7	25.7	38.5

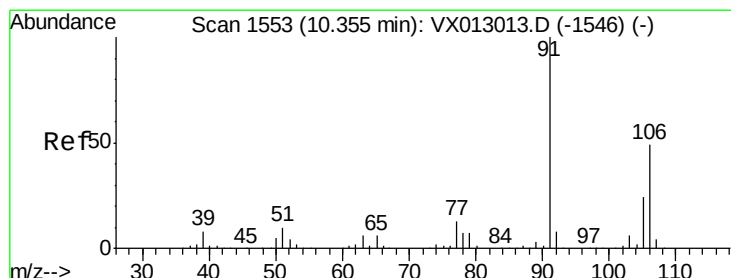
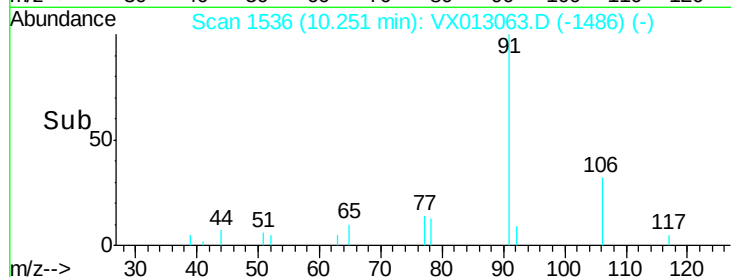
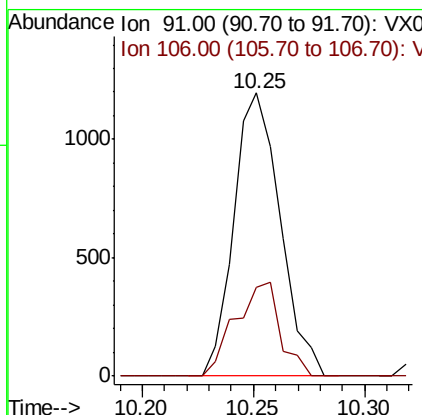
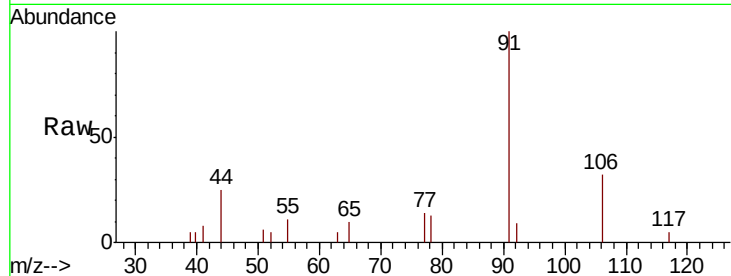




#67
Ethyl Benzene
Concen: 0.214 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

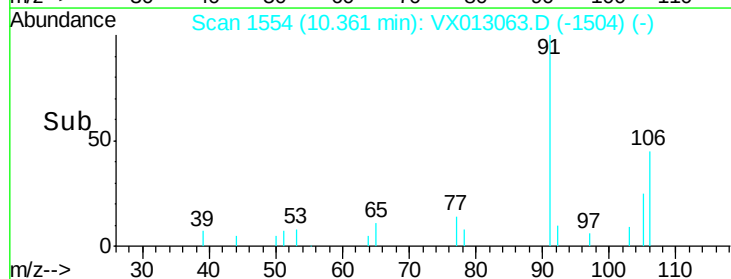
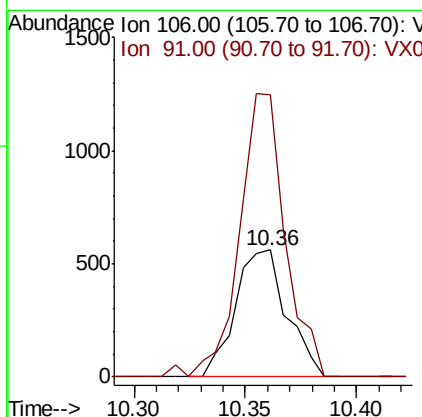
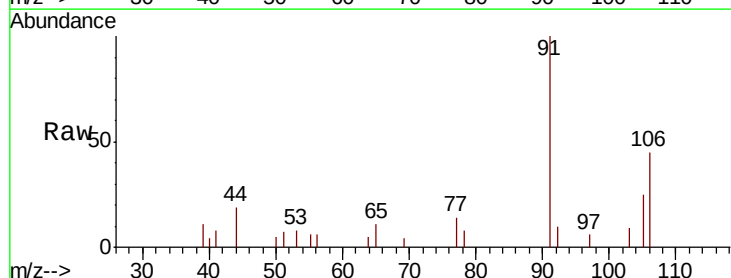
Instrument :
MSVOA_X
ClientSampleId :
20190856-AMENDED-COMP-CME

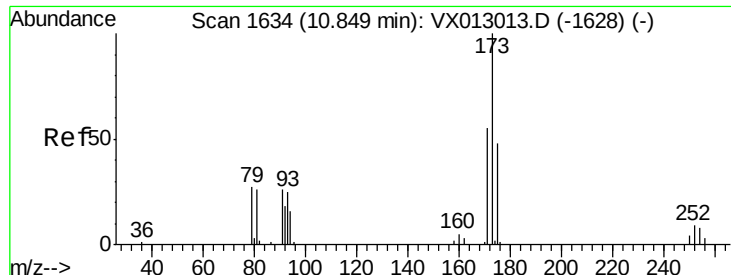
Tot Ion: 91 Resp: 1734
Ion Ratio Lower Upper
91 100
106 31.5 23.9 35.9



#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

Tgt Ion: 106 Resp: 896
Ion Ratio Lower Upper
106 100
91 200.6 165.3 247.9

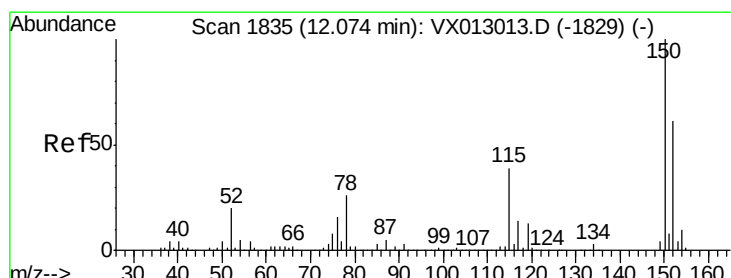
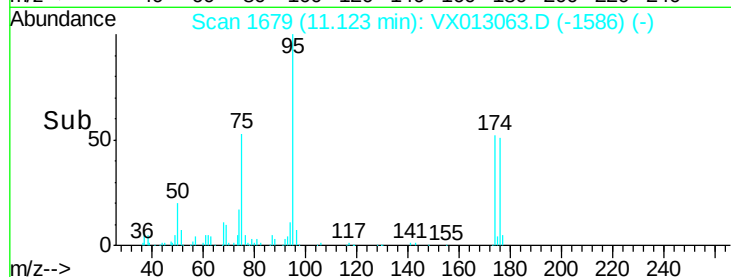
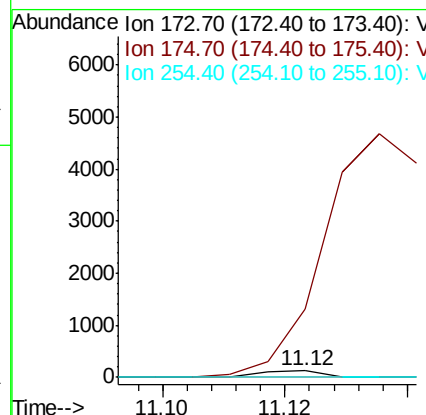
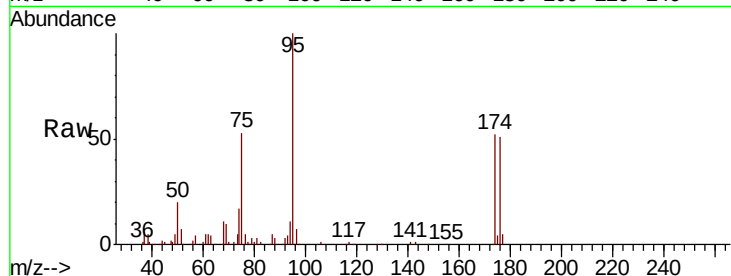




#71
Bromoform
Concen: 3.189 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.27 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

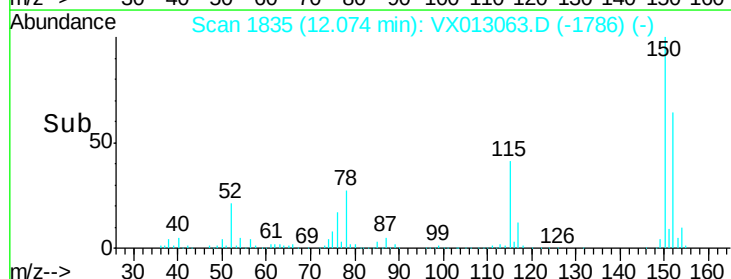
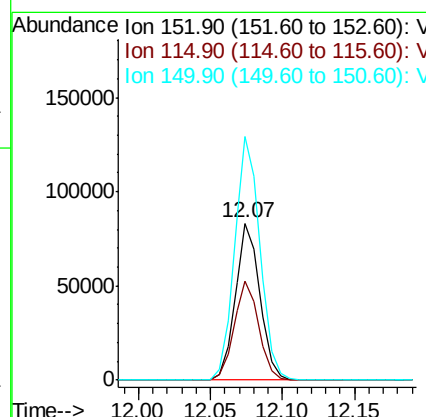
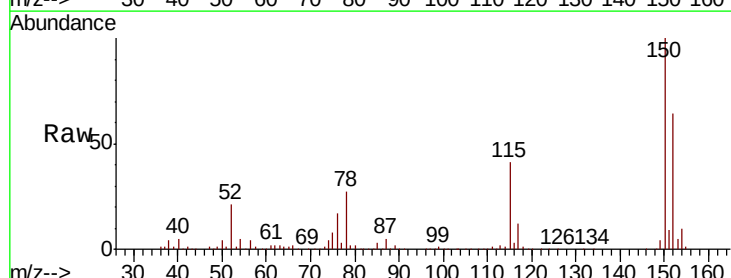
Instrument :
MSVOA_X
ClientSampleId :
20190856-AMENDED-COMP-CME

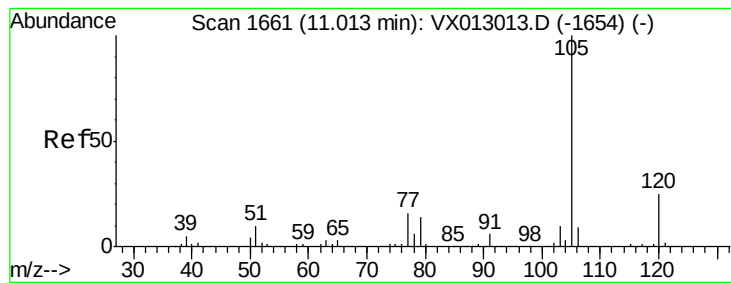
Tot Ion:173 Resp: 81
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013063.D
Acq: 14 Oct 2019 19:36

Tgt Ion:152 Resp: 99957
Ion Ratio Lower Upper
152 100
115 63.6 44.5 133.5
150 159.4 0.0 353.4





#73

Isopropylbenzene

Concen: 0.214 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

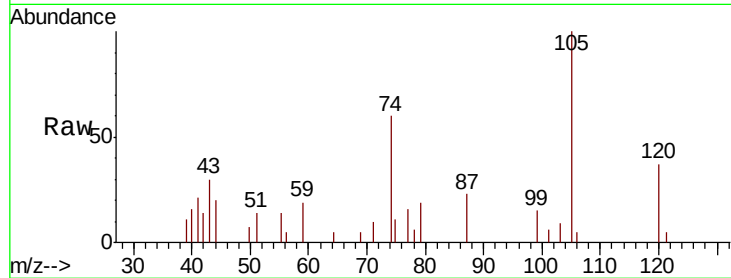
20190856-AMENDED-COMP-CME

Tot Ion:105 Resp: 1576

Ion Ratio Lower Upper

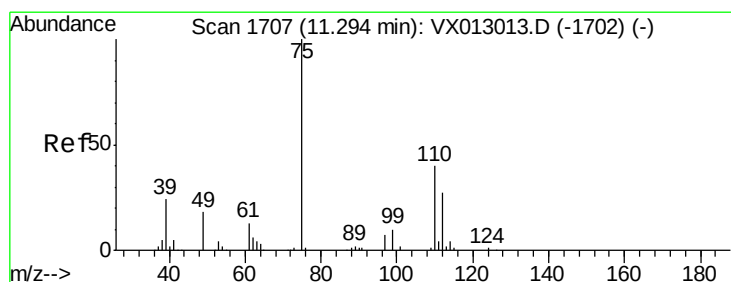
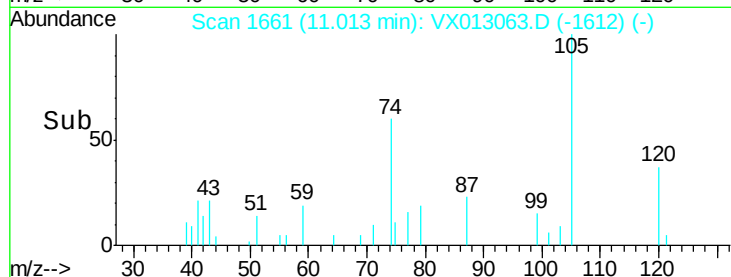
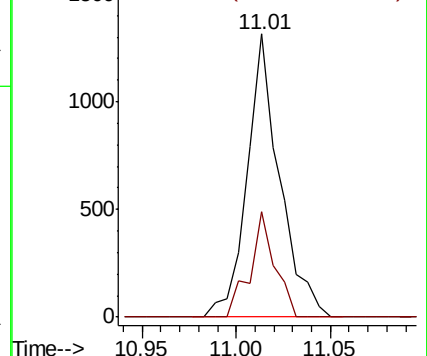
105 100

120 28.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.358 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.15 min

Lab File: VX013063.D

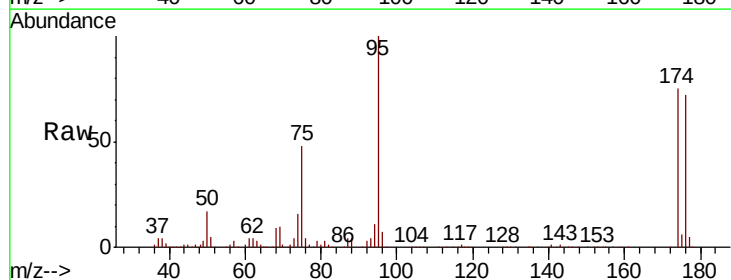
Acq: 14 Oct 2019 19:36

Tgt Ion: 75 Resp: 54002

Ion Ratio Lower Upper

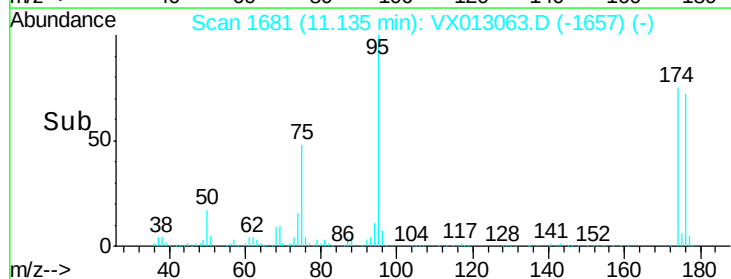
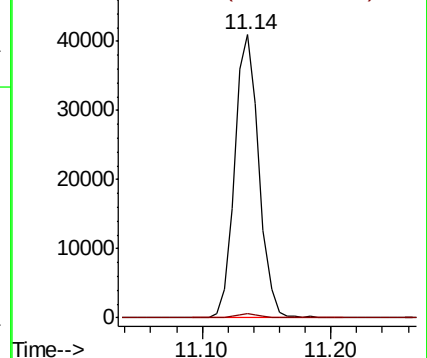
75 100

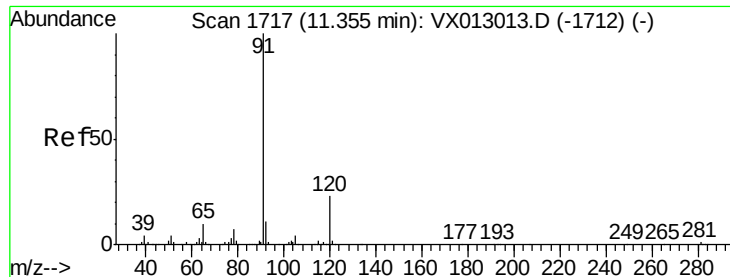
77 1.5 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.207 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

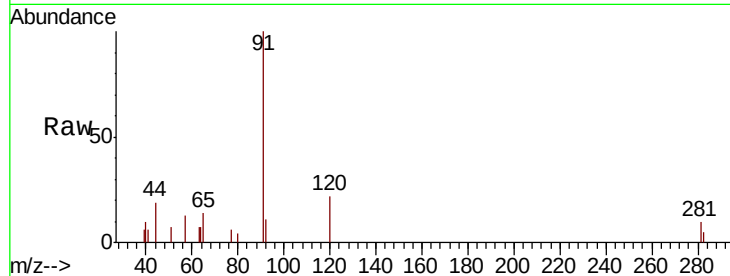
20190856-AMENDED-COMP-CME

Tot Ion: 91 Resp: 1676

Ion Ratio Lower Upper

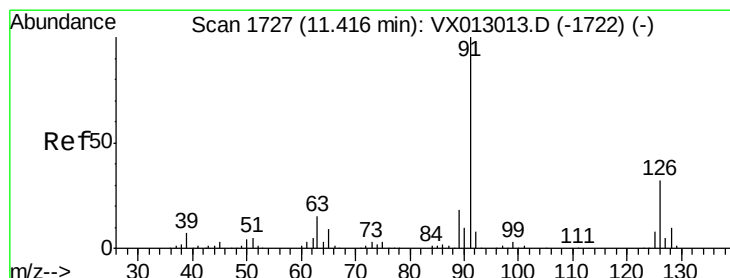
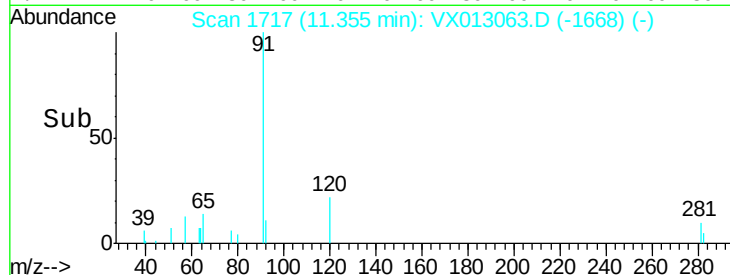
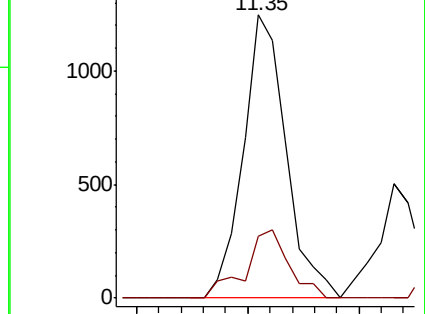
91 100

120 24.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.562 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.09 min

Lab File: VX013063.D

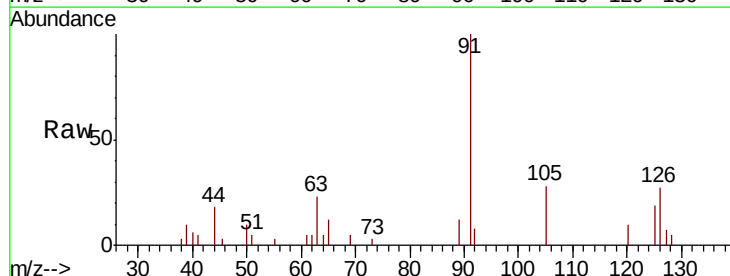
Acq: 14 Oct 2019 19:36

Tgt Ion: 91 Resp: 2854

Ion Ratio Lower Upper

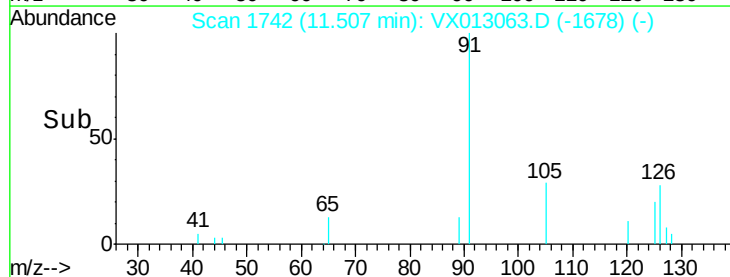
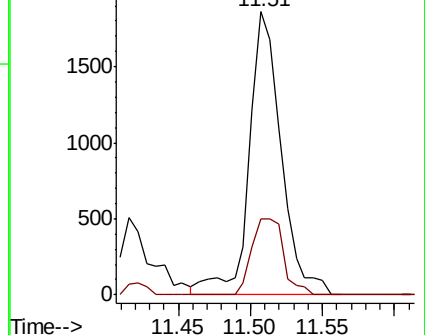
91 100

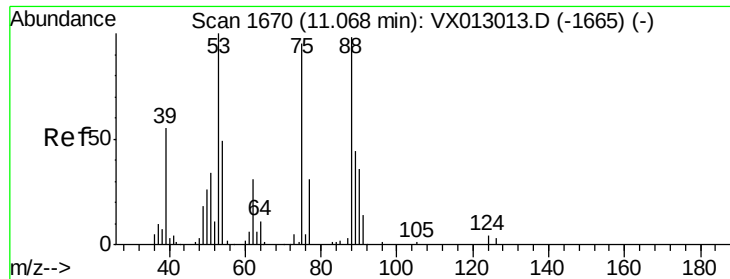
126 26.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.603 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

20190856-AMENDED-COMP-CME

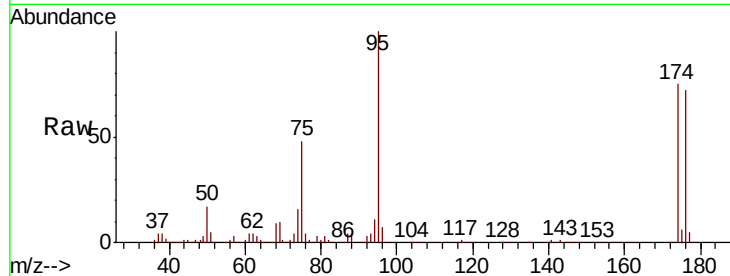
Tot Ion: 75 Resp: 54002

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

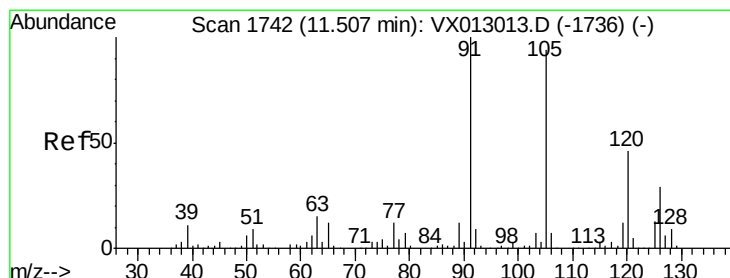
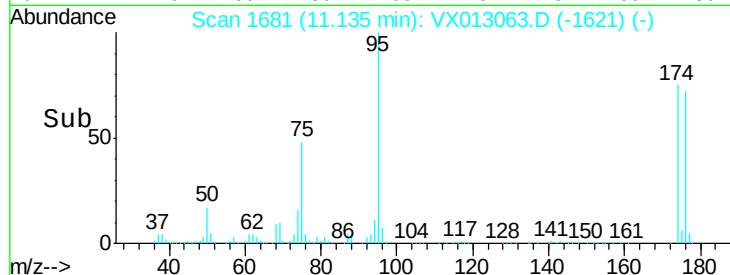
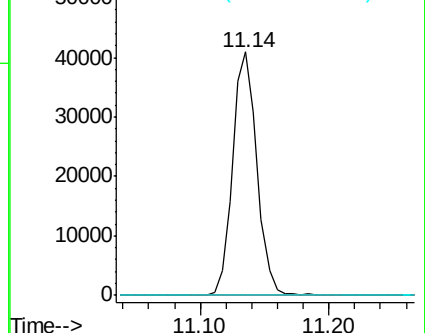
89 0.0 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.490 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013063.D

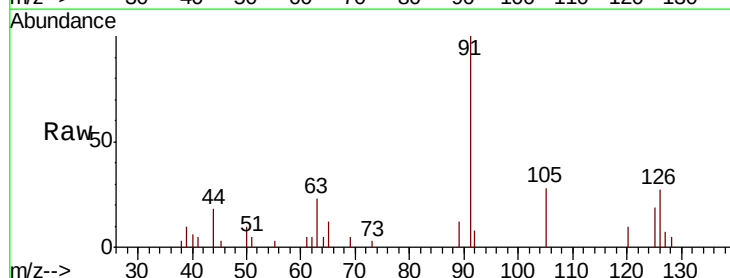
Acq: 14 Oct 2019 19:36

Tgt Ion: 91 Resp: 2854

Ion Ratio Lower Upper

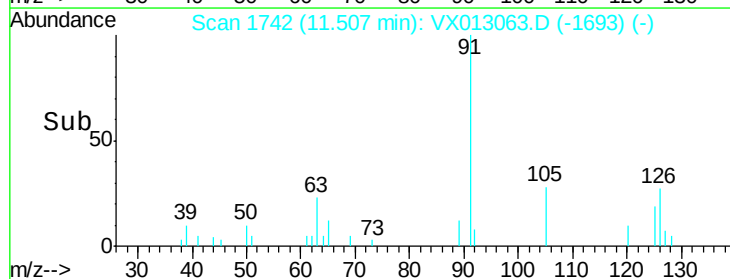
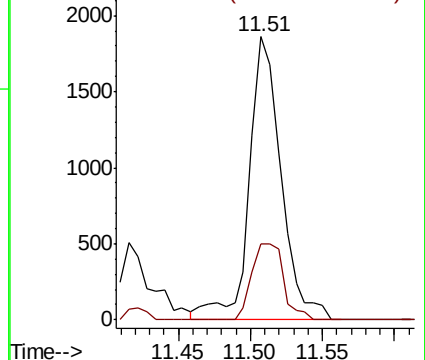
91 100

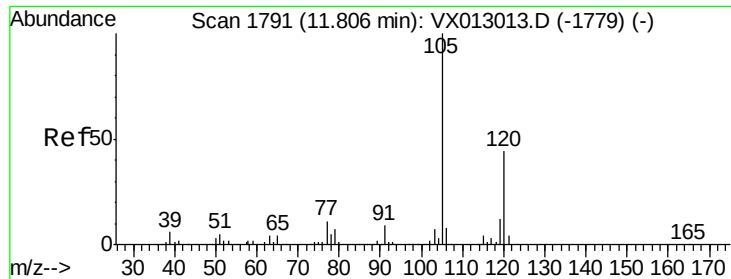
126 26.8 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

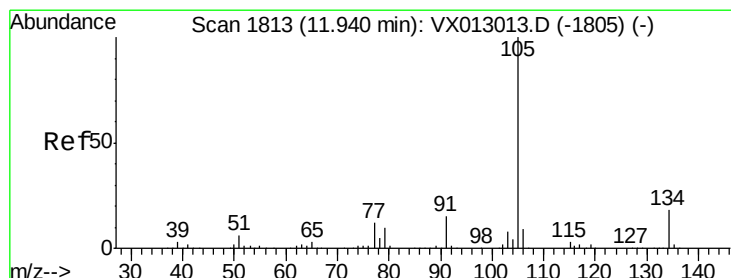
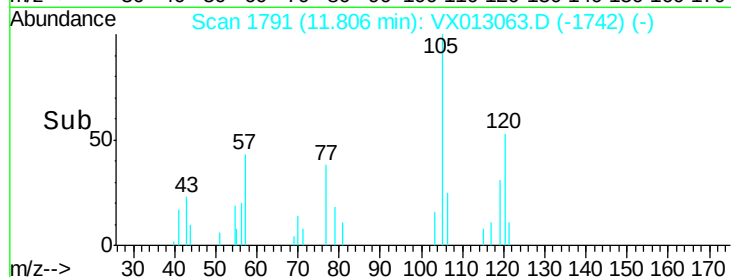
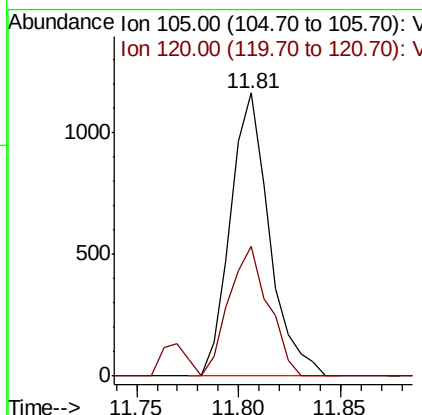
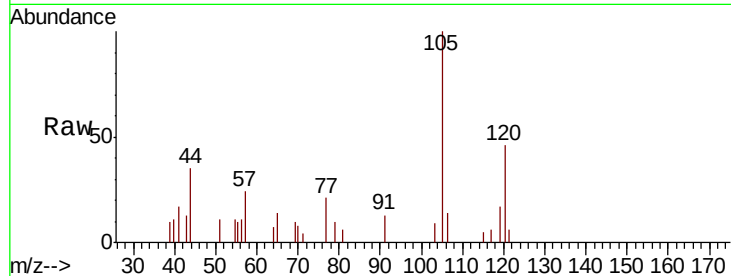




#84
 1,2,4-Trimethylbenzene
 Concen: 0.248 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

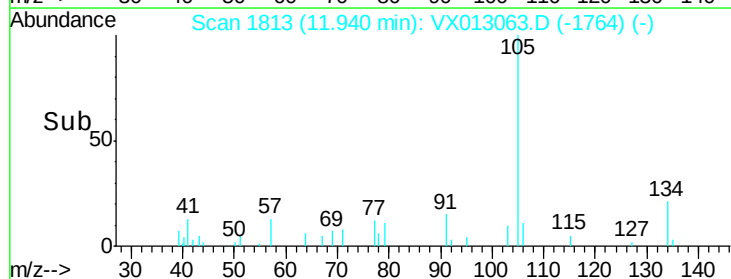
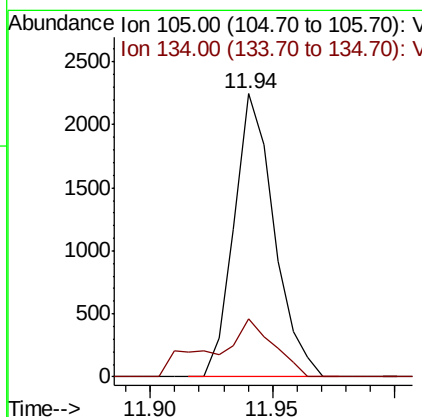
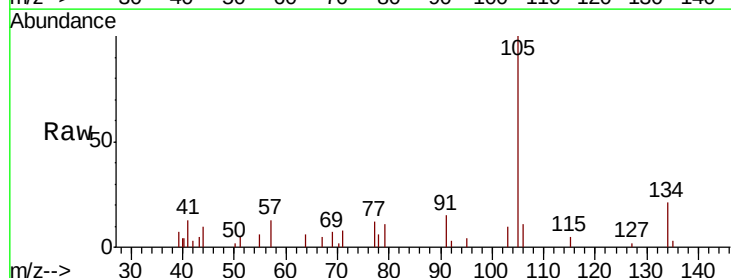
Instrument :
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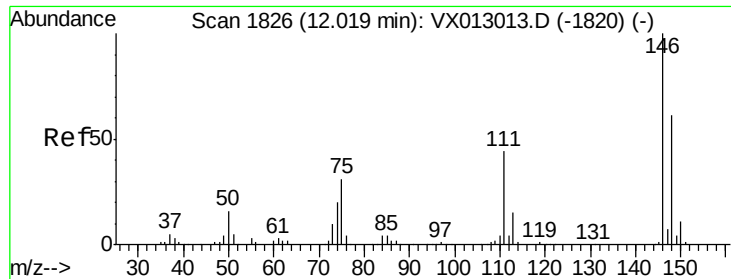
Tot Ion:105 Resp: 1541
 Ion Ratio Lower Upper
 105 100
 120 46.6 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 0.369 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Tgt Ion:105 Resp: 2558
 Ion Ratio Lower Upper
 105 100
 134 31.1 10.0 30.0#

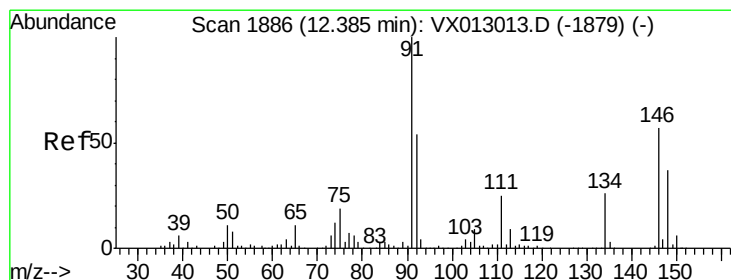
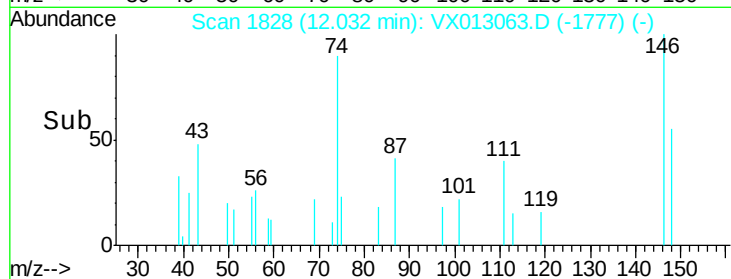
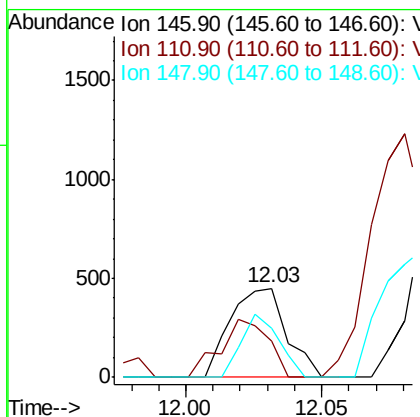
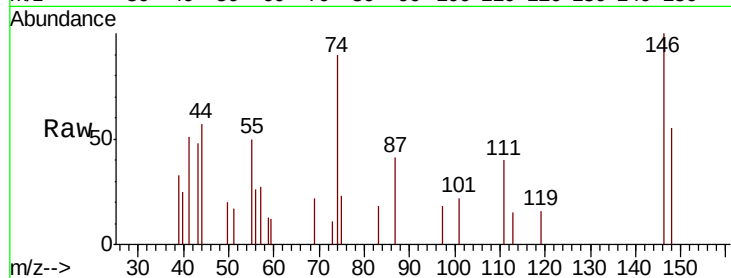




#87
 1,3-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 12.03 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

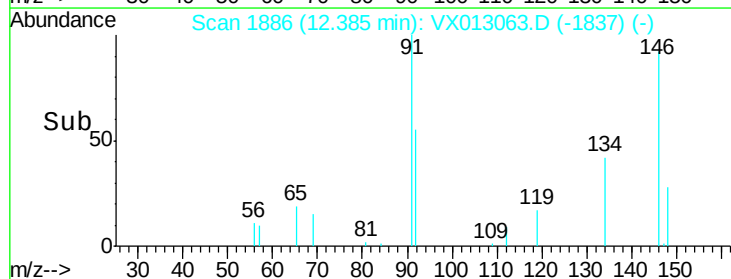
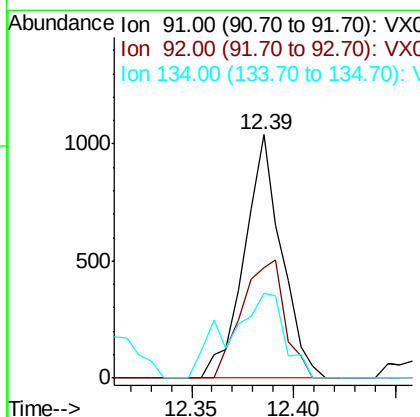
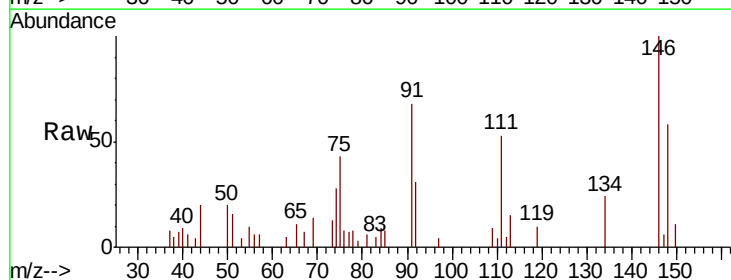
Instrument :
 MSVOA_X
 ClientSampleId :
 20190856-AMENDED-COMP-CME

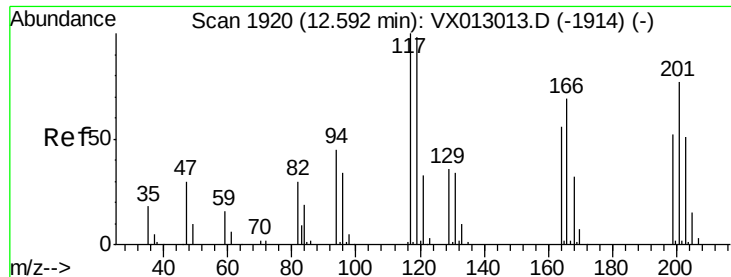
Tot Ion:146 Resp: 648
 Ion Ratio Lower Upper
 146 100
 111 54.9 21.1 63.4
 148 46.8 31.6 95.0



#89
 n-Butylbenzene
 Concen: 0.245 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Tgt Ion: 91 Resp: 1322
 Ion Ratio Lower Upper
 91 100
 92 55.9 27.5 82.5
 134 52.8 12.9 38.7#





#90

Hexachloroethane

Concen: 2.223 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

Instrument :

MSVOA_X

ClientSampleId :

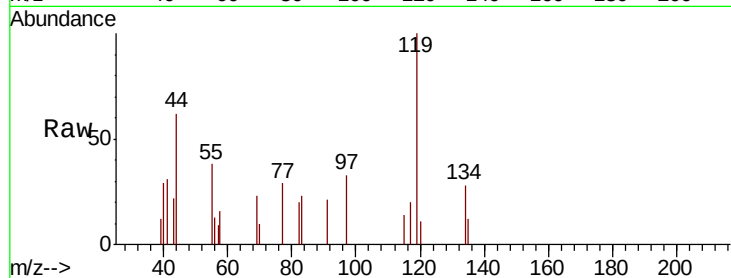
20190856-AMENDED-COMP-CME

Tot Ion:117 Resp: 130

Ion Ratio Lower Upper

117 100

201 0.0 36.9 110.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

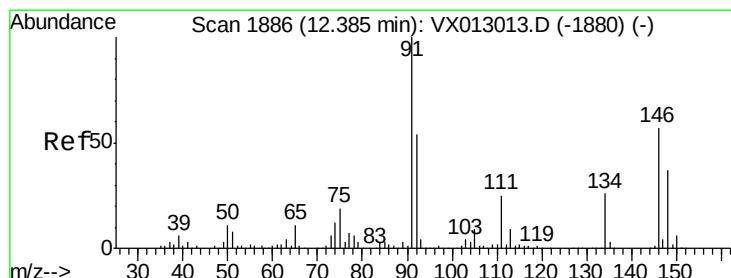
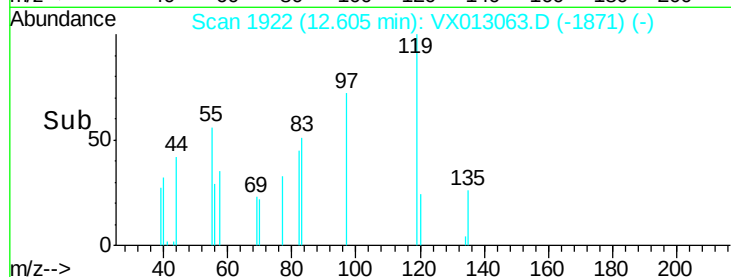
12.60

100

50

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.705 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013063.D

Acq: 14 Oct 2019 19:36

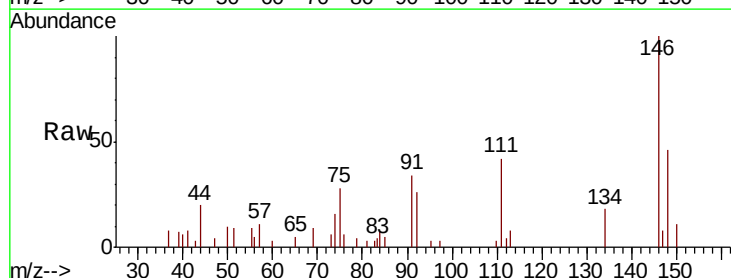
Tgt Ion:146 Resp: 2222

Ion Ratio Lower Upper

146 100

111 52.3 22.7 68.0

148 60.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

2500

2000

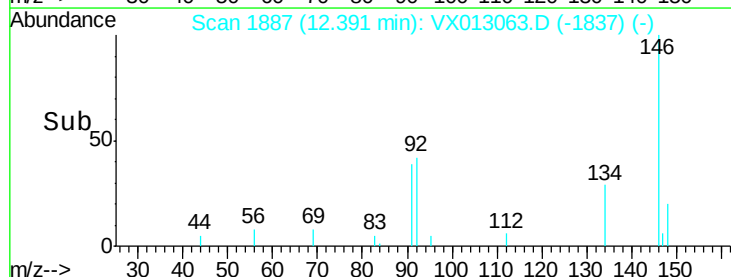
1500

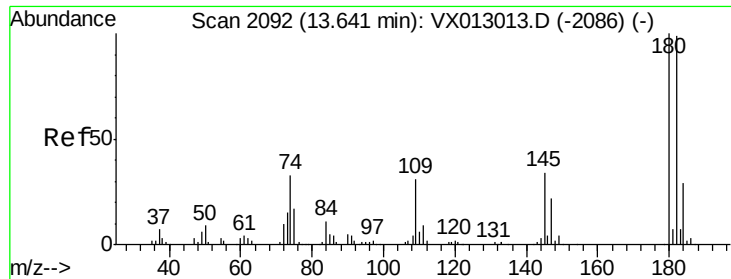
1000

500

0

Time-->

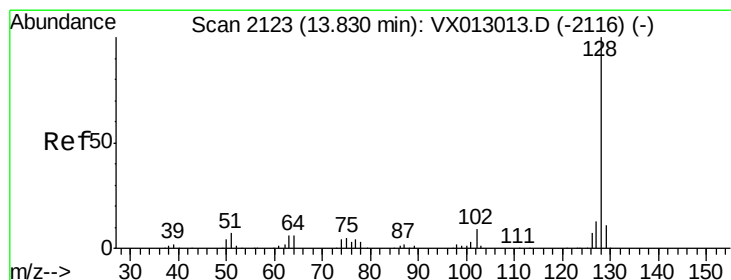
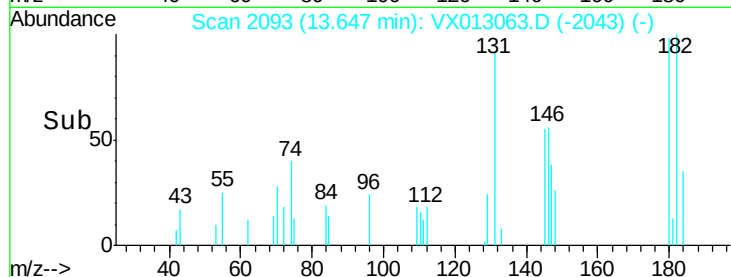
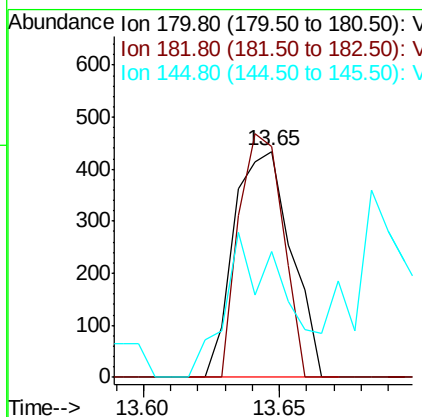
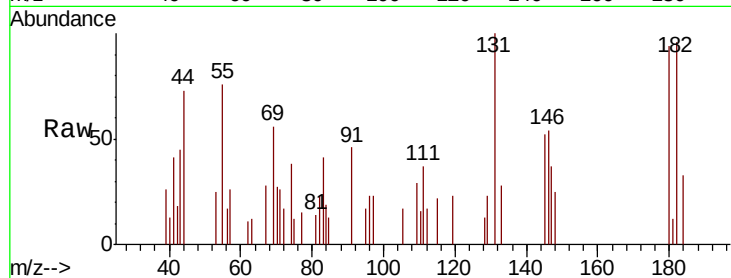




#93
 1,2,4-Trichlorobenzene
 Concen: 0.320 ug/l
 RT: 13.65 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

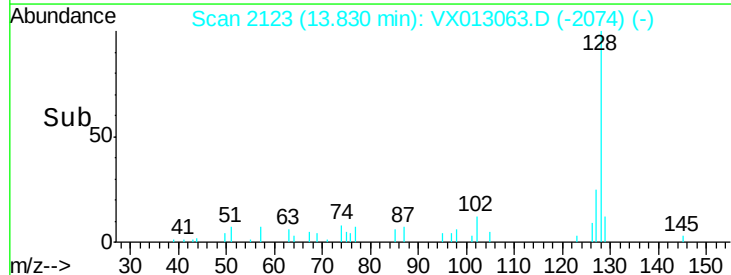
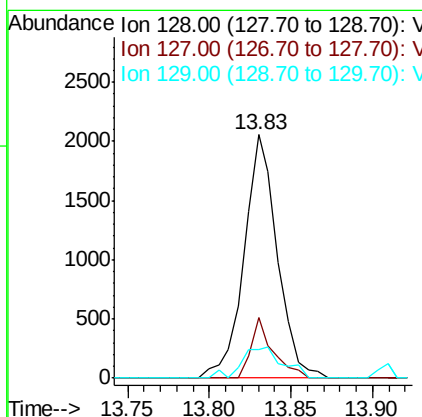
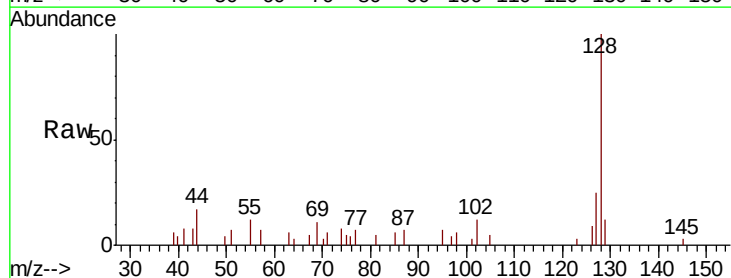
Instrument :
 MSVOA_X
 ClientSampleId :
 20190856-AMENDED-COMP-CME

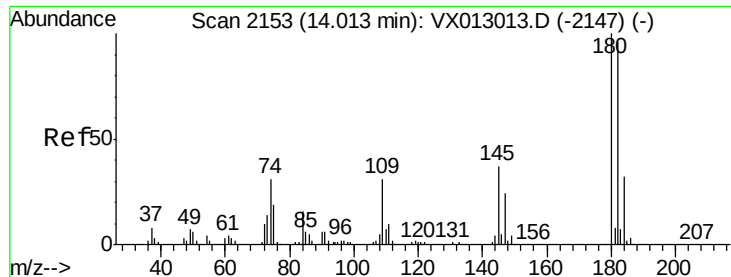
Tot Ion:180 Resp: 632
 Ion Ratio Lower Upper
 180 100
 182 83.1 46.8 140.4
 145 67.2 16.2 48.6#



#95
 Naphthalene
 Concen: 0.425 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Tgt Ion:128 Resp: 2909
 Ion Ratio Lower Upper
 128 100
 127 16.6 10.2 15.4#
 129 15.7 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.307 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX013063.D
 Acq: 14 Oct 2019 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 20190856-AMENDED-COMP-CME

Tot Ion:180 Resp: 627
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.5 142.5
 145 86.0 17.4 52.3#

