

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO080720\
 Data File : VX017826.D
 Acq On : 07 Aug 2020 15:35
 Operator : JC/SP
 Sample : L3600-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 00:12:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 00:10:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	288970	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	271285	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	140451	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99086	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.69	69	83223	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.34	63	175627	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.53	46	259050	48.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	5.14	84	212678	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	6.03	65	110110	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	6.05	84	382365	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	7.37	67	119917	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	8.70	98	361912	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
45) trans-1,3-Dichloropropene-	8.99	79	48172	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
48) 2-Hexanone-d5	9.43	63	202763	48.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.86%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	84319	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	143607	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	108003	3.215	ug/L	99
5) Vinyl chloride	1.39	62	116294	4.273	ug/L	96
6) Bromomethane	1.63	94	1578	0.100	ug/L	79
8) Chloroethane	1.71	64	238882	15.692	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	271593	11.362	ug/L	97
12) 1,1-Dichloroethene	2.36	96	52719	2.380	ug/L #	79
13) Acetone	2.42	43	530263	136.863	ug/L	99
15) Methyl Acetate	2.75	43	97558	8.541	ug/L	95
16) Methylene chloride	2.84	84	11076	0.362	ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	68116	2.710	ug/L	96
19) 1,1-Dichloroethane	3.67	63	91538	2.042	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	107231	4.066	ug/L #	97
23) Bromochloromethane	4.98	128	61466	4.980	ug/L	93
25) Chloroform	5.18	83	372698	7.719	ug/L	93
27) 1,2-Dichloroethane	6.17	62	58870	1.901	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	91527	2.057	ug/L	99
31) Carbon tetrachloride	5.76	117	124095	3.025	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

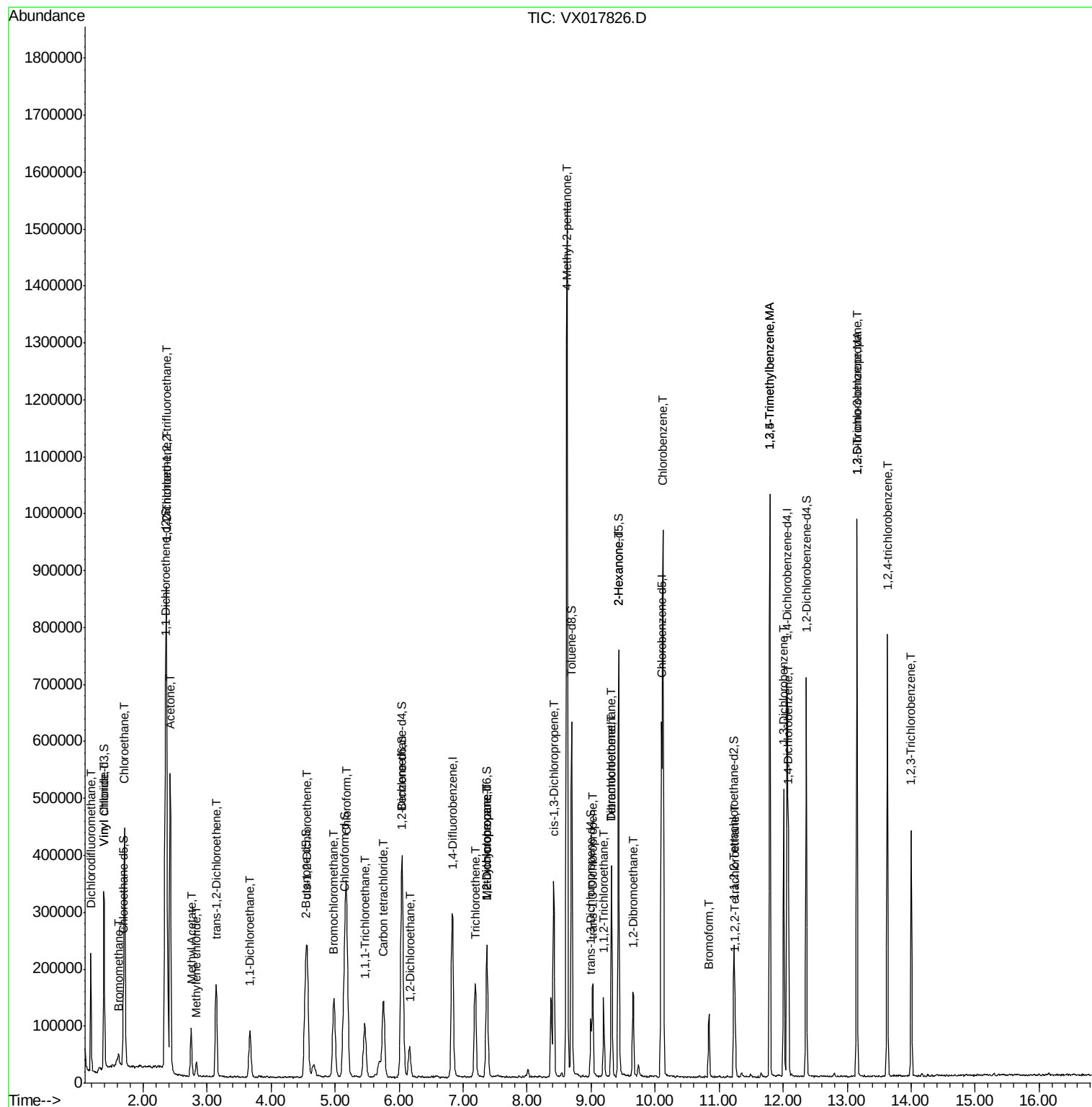
34) Trichloroethene	7.19	95	59342	2.117	ug/L	92
35) Methylcyclohexane	7.37	83	29048	0.737	ug/L #	19
37) 1,2-Dichloropropane	7.37	63	14251	0.590	ug/L #	88
39) cis-1,3-Dichloropropene	8.41	75	178205	4.793	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	852371	54.207	ug/L	100
43) 1,3,5-Trimethylbenzene	11.79	105	423063	4.446	ug/L	96
44) 1,2,4-Trimethylbenzene	11.79	105	423063	4.365	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	79399	2.394	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	37888	2.091	ug/L	97
49) Tetrachloroethene	9.32	164	70989	3.165	ug/L	98
50) 2-Hexanone	9.43	43	25788	2.288	ug/L #	66
51) Dibromochloromethane	9.32	129	68527	2.745	ug/L #	12
52) 1,2-Dibromoethane	9.65	107	82648	4.659	ug/L	95
53) Chlorobenzene	10.12	112	409459	6.034	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	34308	1.724	ug/L #	98
62) Bromoform	10.84	173	41468	2.952	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	172004	3.144	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	113024	2.077	ug/L	97
67) 1,2-Dibromo-3-chloropropan	13.15	75	36348	8.235	ug/L #	4
68) 1,3,5-Trichlorobenzene	13.15	180	223389	5.530	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	181973	5.089	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	102908	3.058	ug/L	99

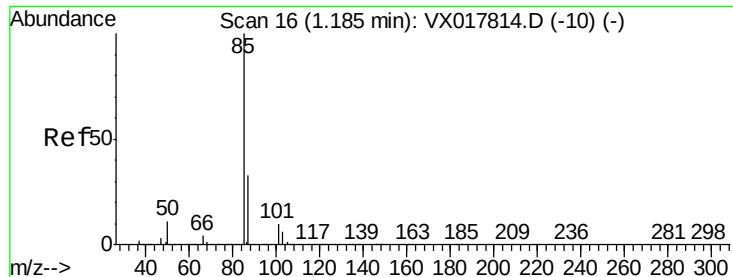
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 3.215 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

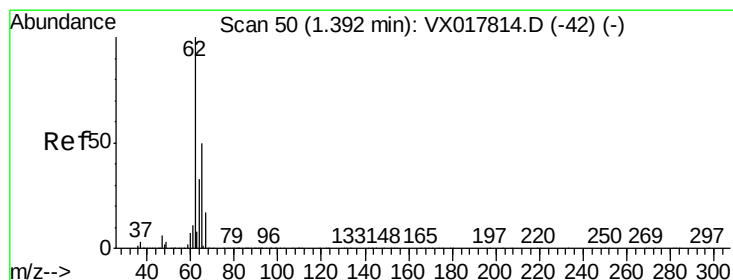
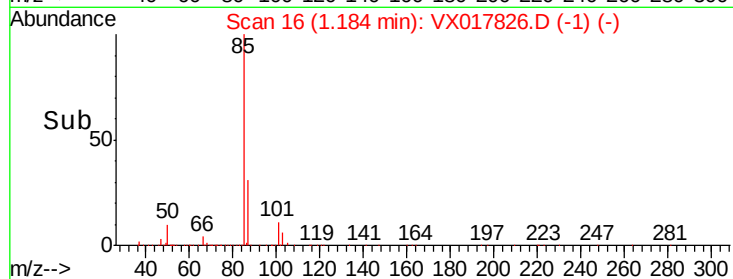
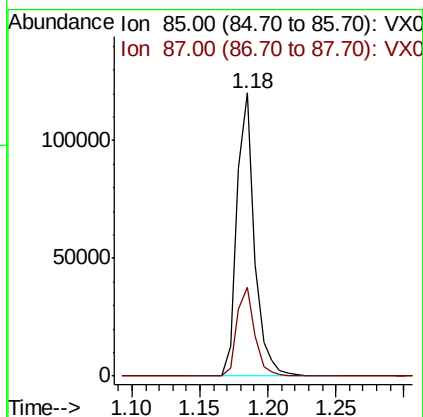
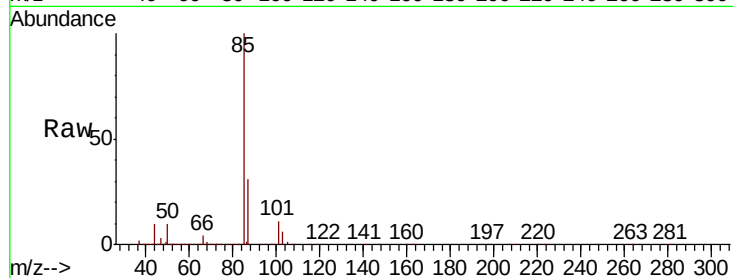
ClientSampleId :

Tot Ion: 85 Resp: 108003

Ion Ratio Lower Upper

85 100

87 32.0 25.2 37.8



#5

Vinyl chloride

Concen: 4.273 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017826.D

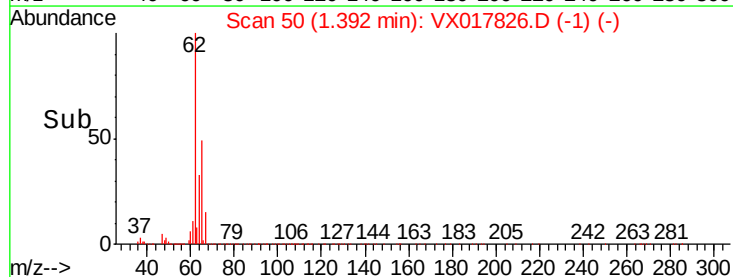
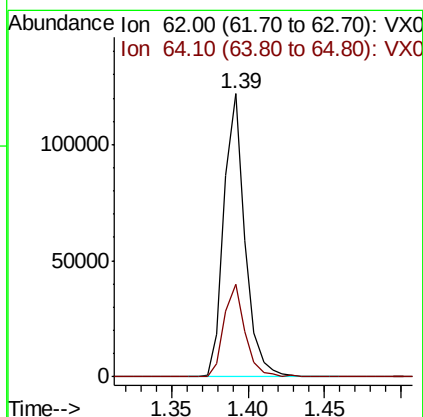
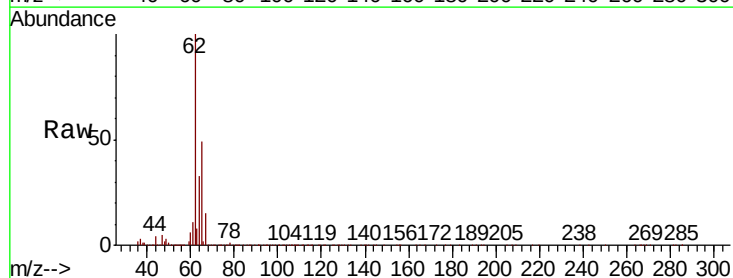
Acq: 07 Aug 2020 15:35

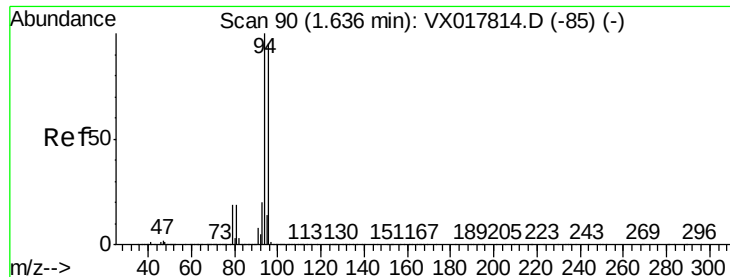
Tgt Ion: 62 Resp: 116294

Ion Ratio Lower Upper

62 100

64 32.5 21.3 39.6





#6

Bromomethane

Concen: 0.100 ug/L

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

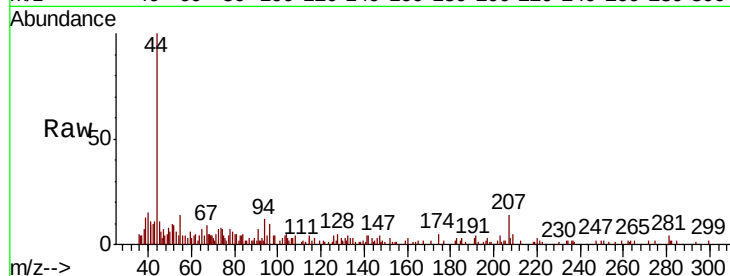
ClientSampleId :

Tot Ion: 94 Resp: 1578

Ion Ratio Lower Upper

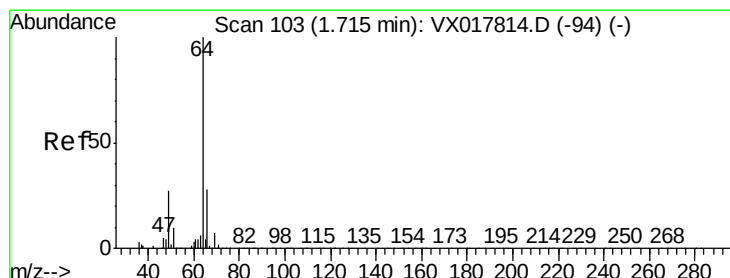
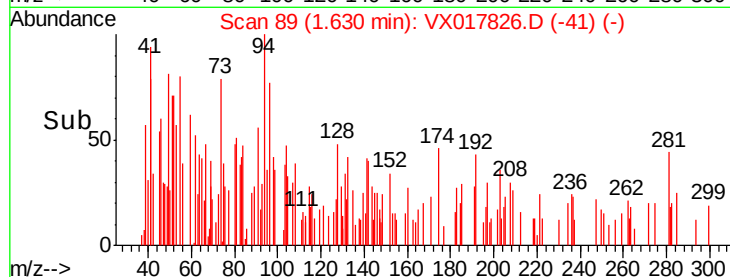
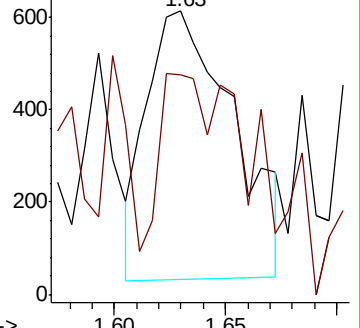
94 100

96 77.5 68.5 127.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#8

Chloroethane

Concen: 15.692 ug/L

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017826.D

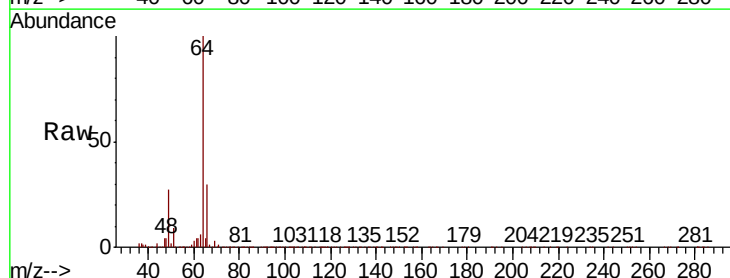
Acq: 07 Aug 2020 15:35

Tgt Ion: 64 Resp: 238882

Ion Ratio Lower Upper

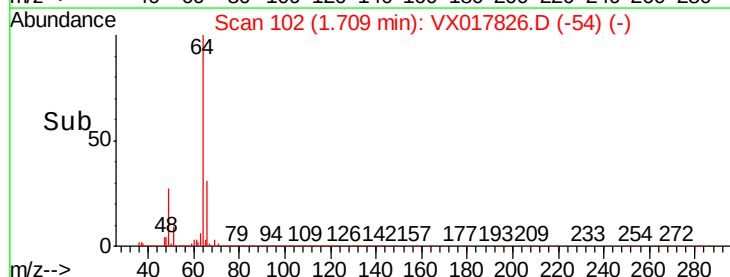
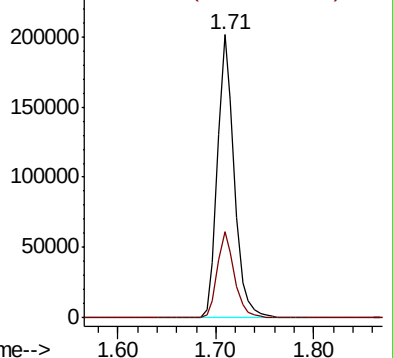
64 100

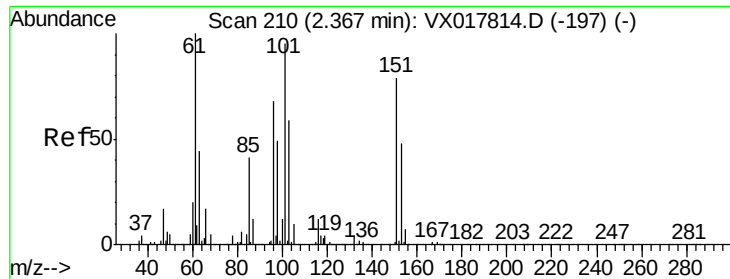
66 30.5 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 11.362 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

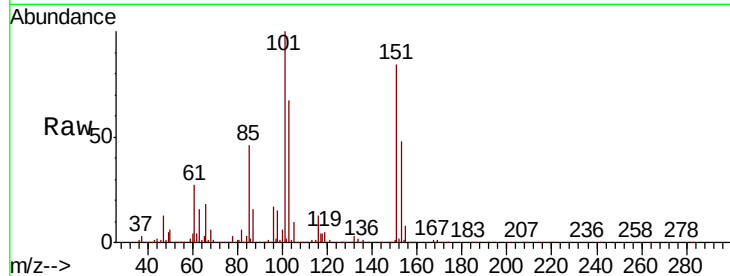
Tot Ion:101 Resp: 271593

Ion Ratio Lower Upper

101 100

85 45.1 34.3 51.5

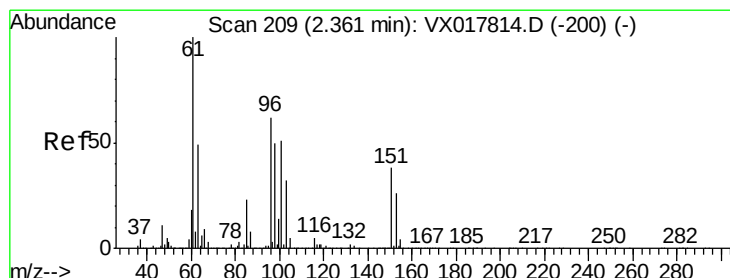
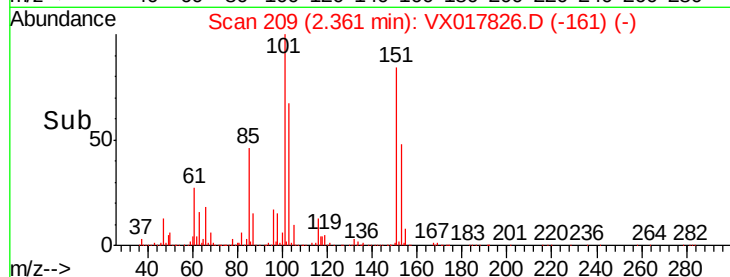
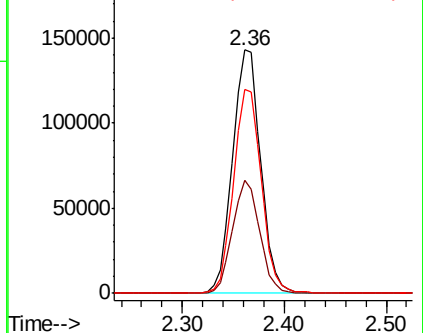
151 83.2 64.8 97.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.380 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

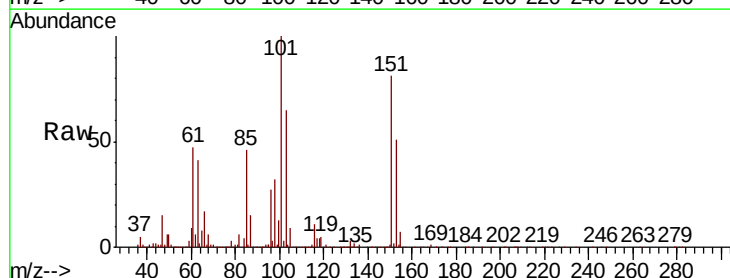
Tgt Ion: 96 Resp: 52719

Ion Ratio Lower Upper

96 100

61 174.9 123.5 229.3

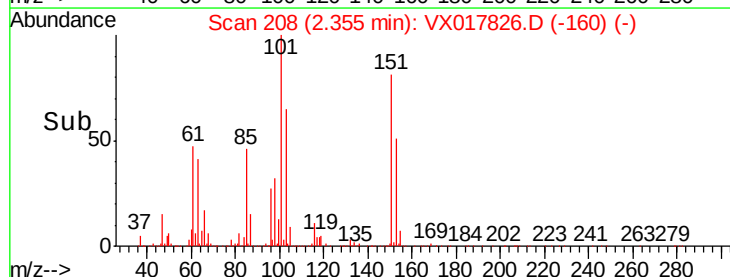
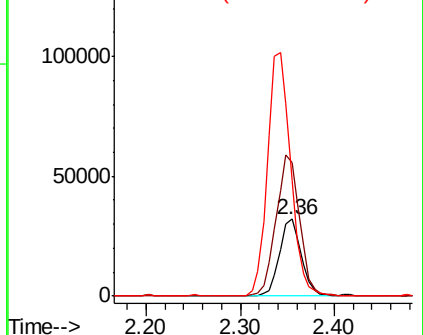
63 151.0 67.0 124.4#

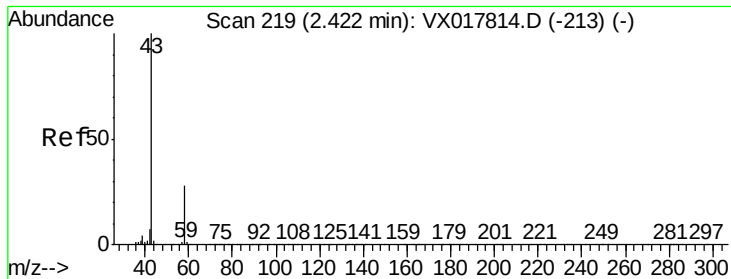


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 136.863 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

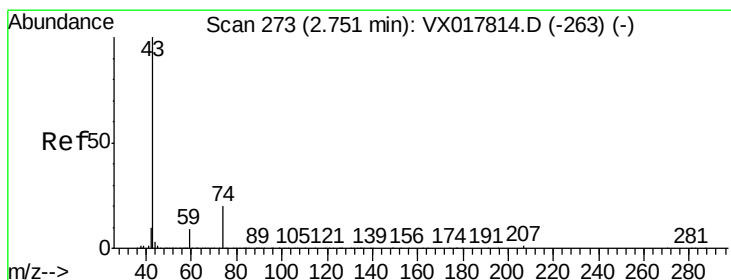
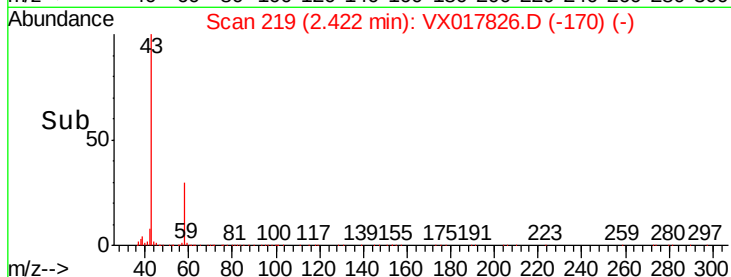
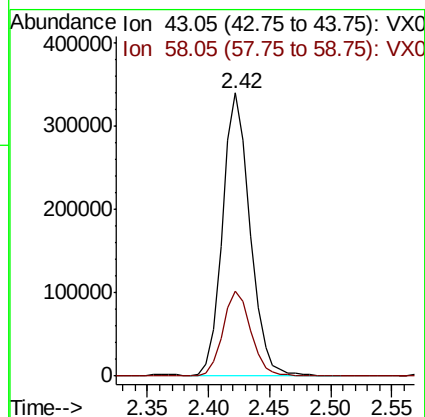
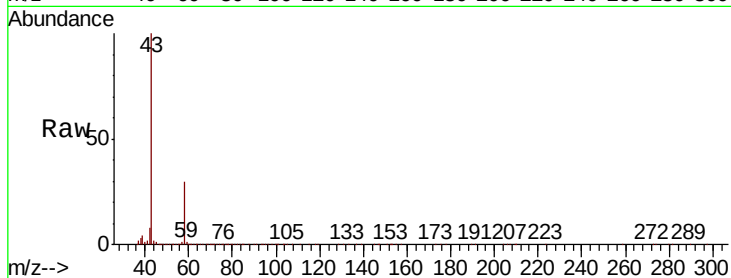
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 530263

Ion Ratio Lower Upper

43 100

58 30.7 0.0 60.8



#15

Methyl Acetate

Concen: 8.541 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017826.D

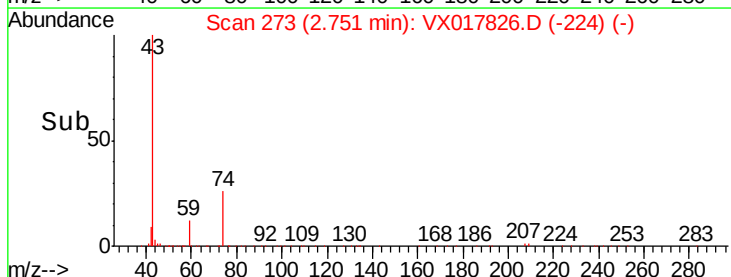
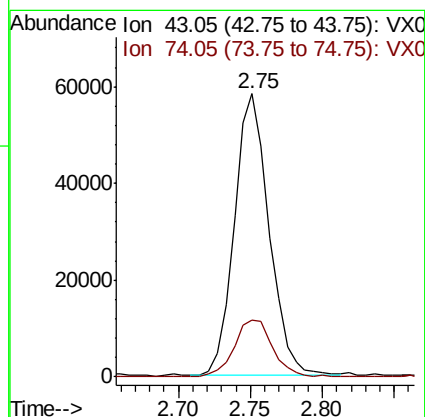
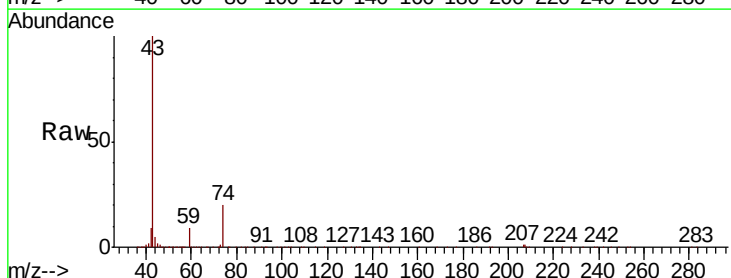
Acq: 07 Aug 2020 15:35

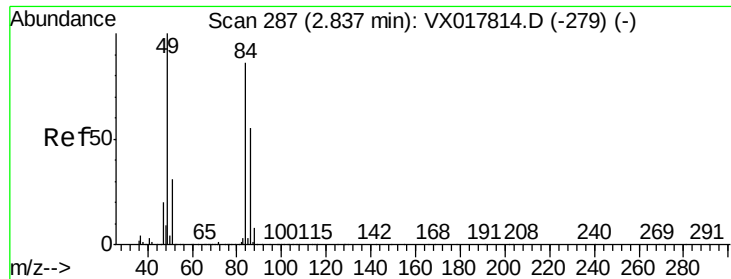
Tgt Ion: 43 Resp: 97558

Ion Ratio Lower Upper

43 100

74 22.9 20.4 30.6

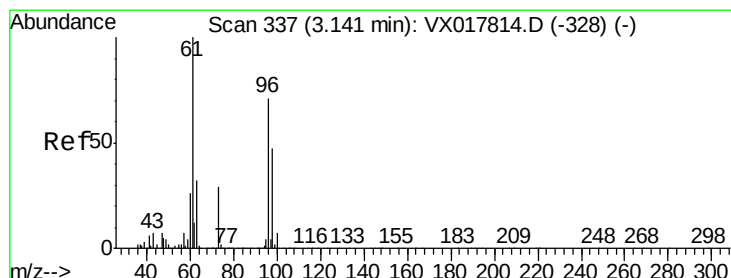
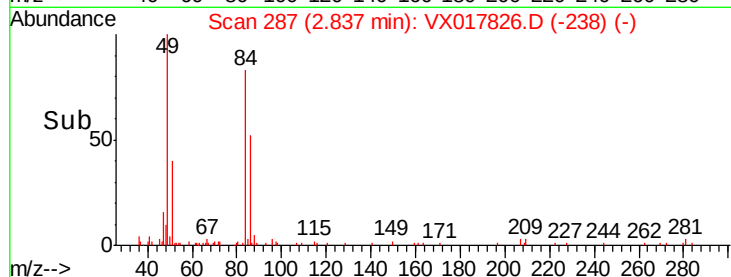
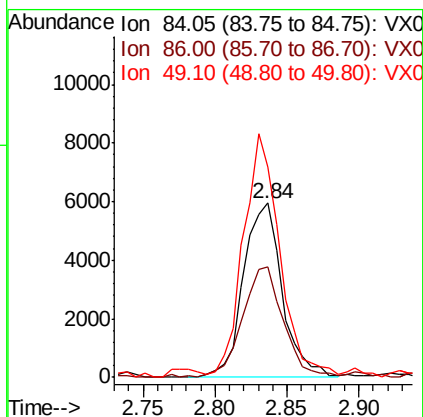
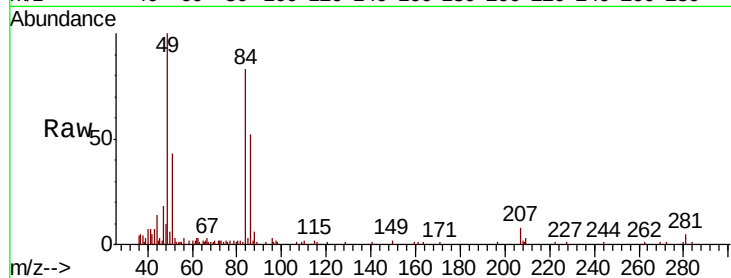




#16
Methylene chloride
Concen: 0.362 ug/L
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017826.D
Acq: 07 Aug 2020 15:35

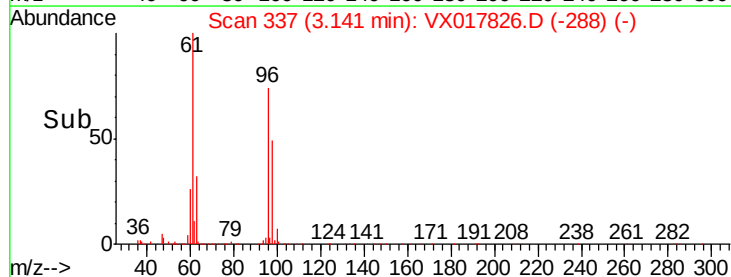
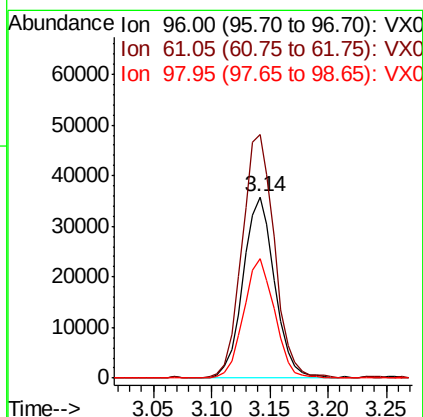
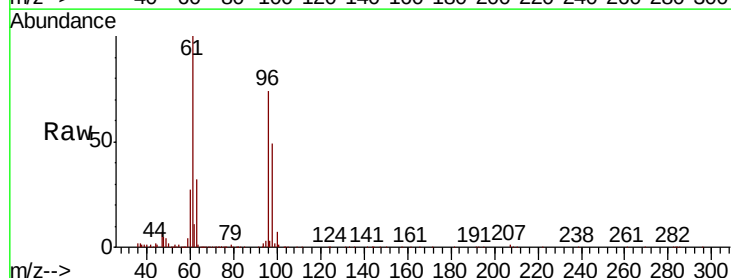
Instrument :
MSVOA_X
ClientSampleId :

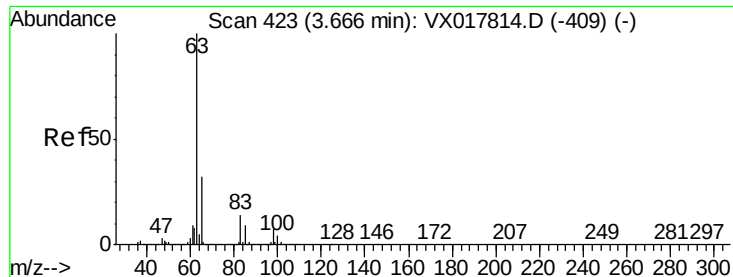
Tot Ion: 84 Resp: 11076
Ion Ratio Lower Upper
84 100
86 63.3 43.0 80.0
49 121.1 86.9 161.3



#18
trans-1,2-Dichloroethene
Concen: 2.710 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017826.D
Acq: 07 Aug 2020 15:35

Tgt Ion: 96 Resp: 68116
Ion Ratio Lower Upper
96 100
61 134.3 98.4 182.8
98 65.6 44.9 83.5

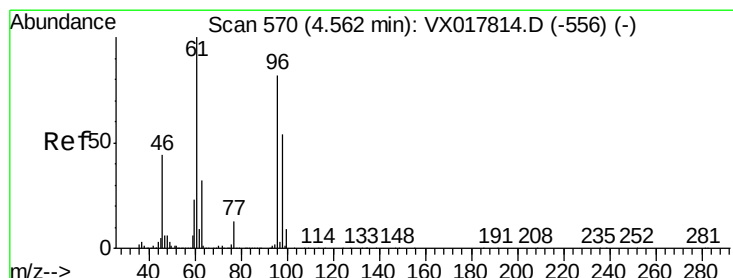
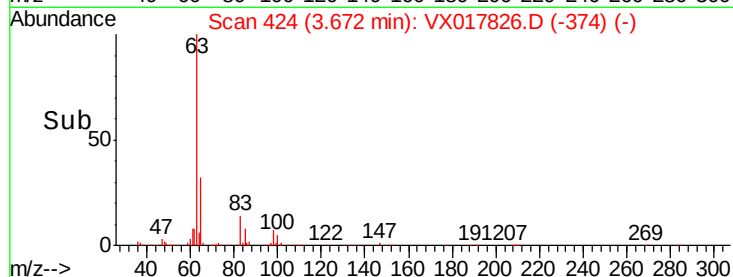
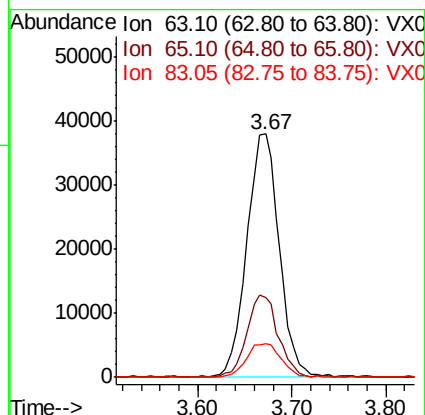
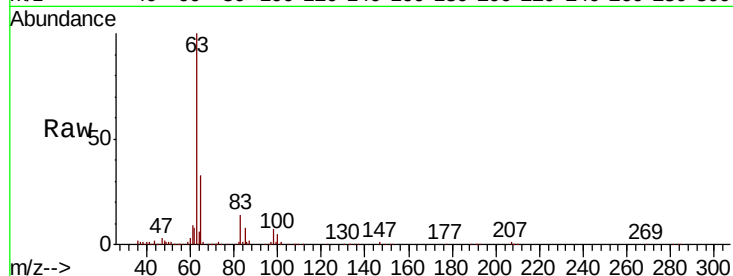




#19
 1,1-Dichloroethane
 Concen: 2.042 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

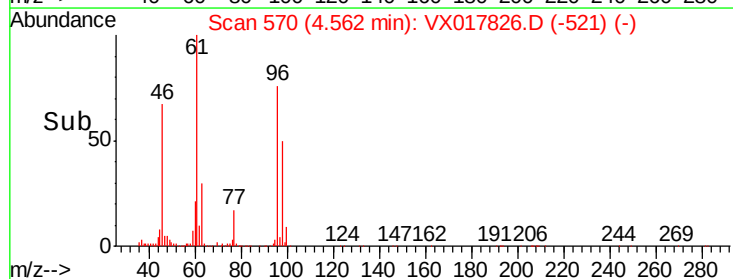
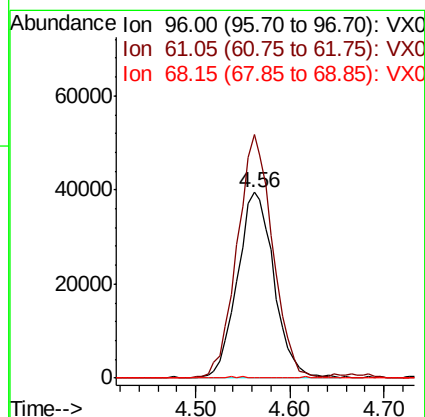
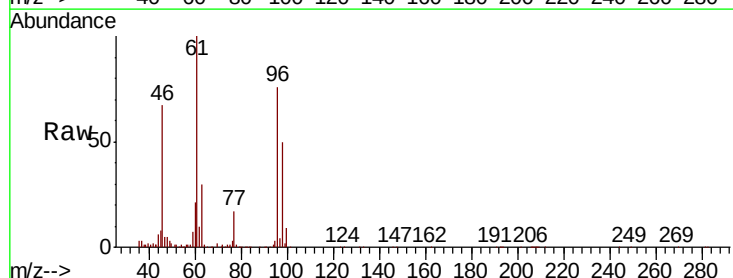
Instrument :
 MSVOA_X
 ClientSampled :

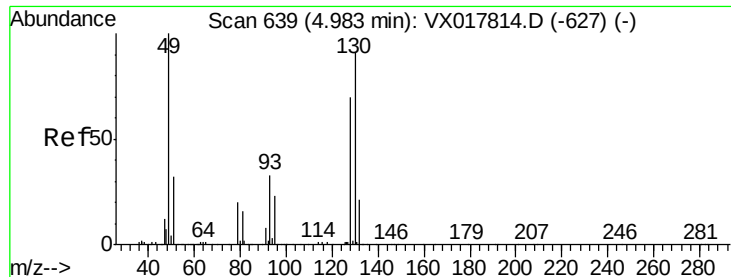
Tot Ion: 63 Resp: 91538
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.6 42.0
 83 13.8 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 4.066 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

Tgt Ion: 96 Resp: 107231
 Ion Ratio Lower Upper
 96 100
 61 130.9 88.8 165.0
 68 0.0 0.2 0.4#





#23

Bromochloromethane

Concen: 4.980 ug/L

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 61466

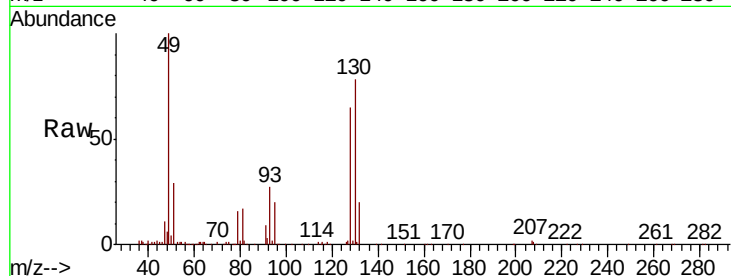
Ion Ratio Lower Upper

128 100

49 154.1 100.2 186.0

130 120.9 89.1 165.5

51 44.7 37.2 55.8

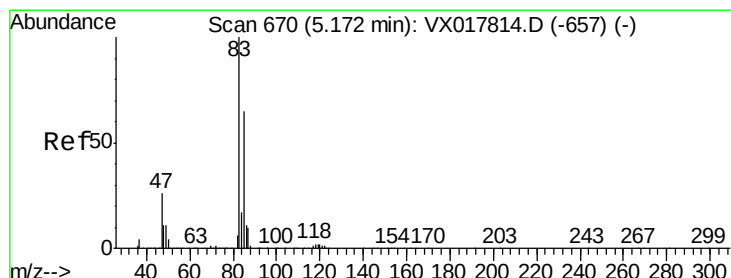
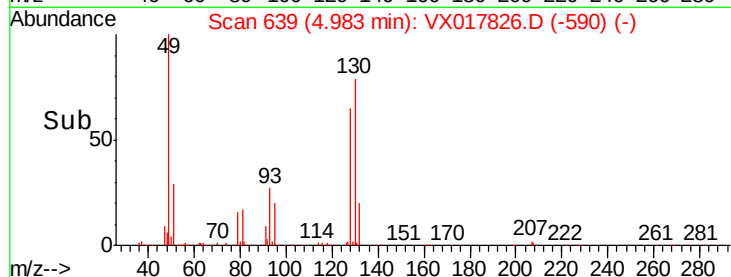
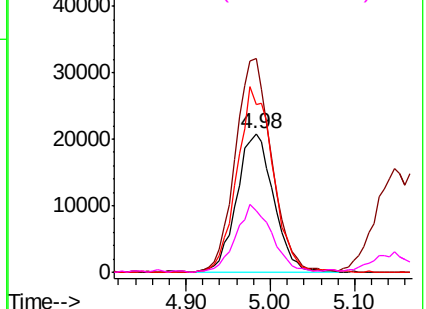


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VX0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VX0



#25

Chloroform

Concen: 7.719 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017826.D

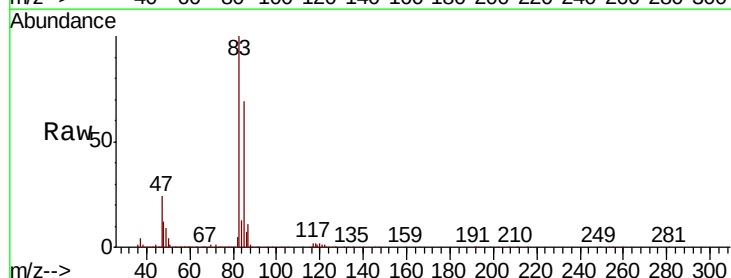
Acq: 07 Aug 2020 15:35

Tgt Ion: 83 Resp: 372698

Ion Ratio Lower Upper

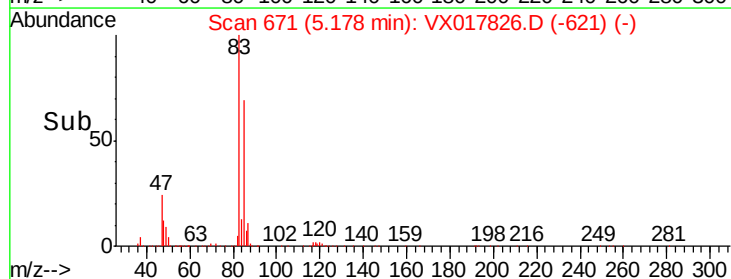
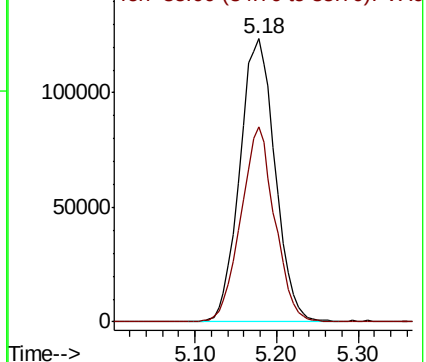
83 100

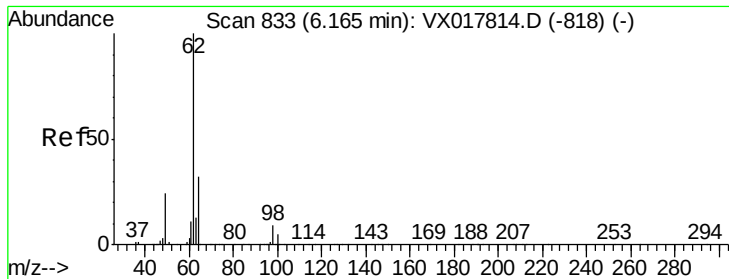
85 69.0 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

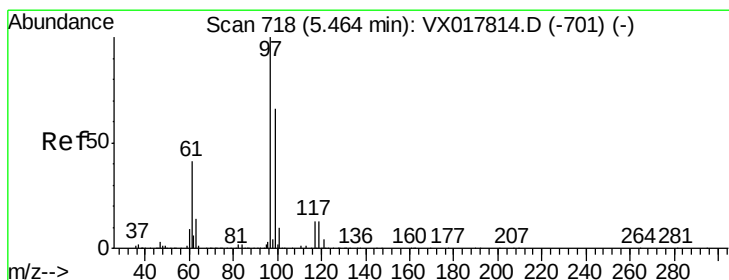
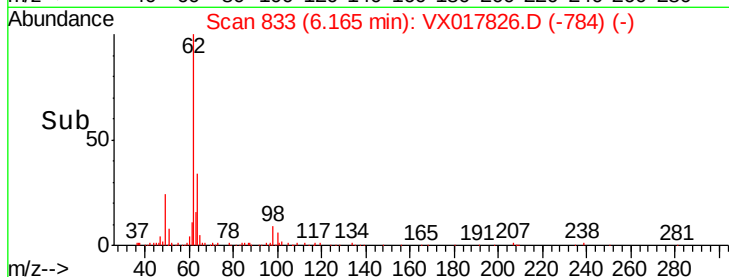
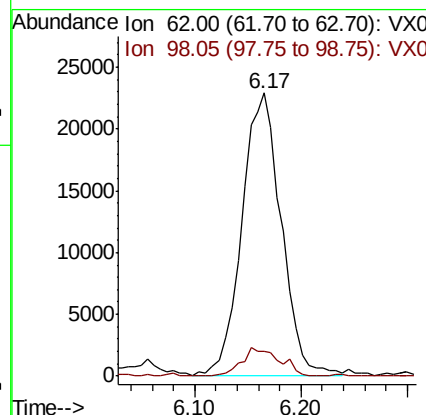
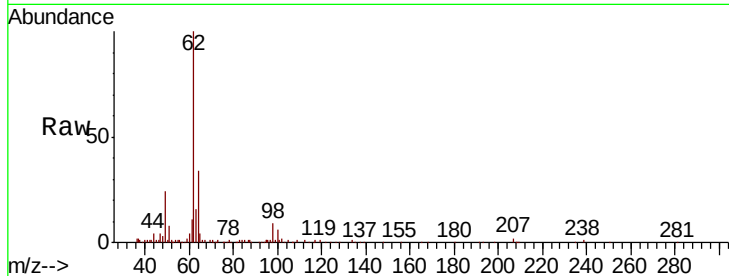




#27
 1,2-Dichloroethane
 Concen: 1.901 ug/L
 RT: 6.17 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

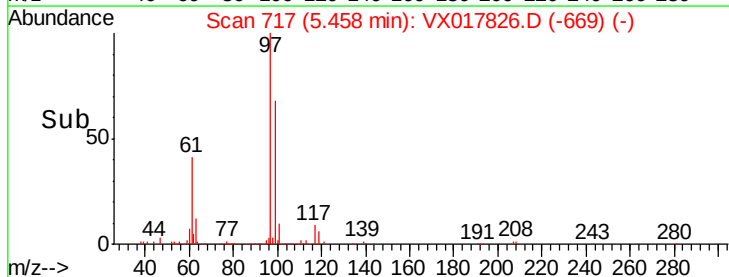
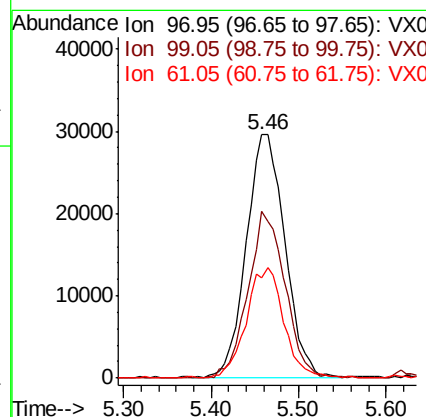
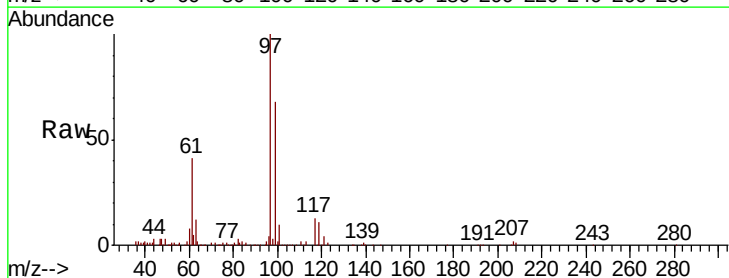
Instrument :
 MSVOA_X
 ClientSampled :

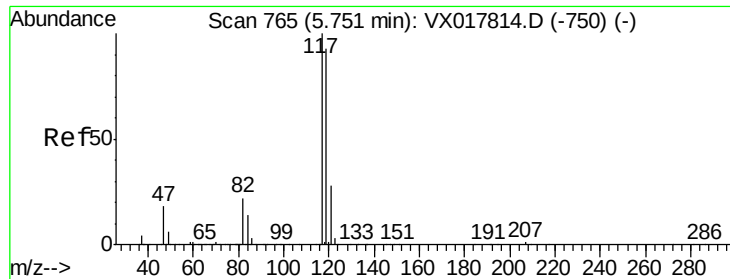
Tot Ion: 62 Resp: 58870
 Ion Ratio Lower Upper
 62 100
 98 8.8 6.7 10.1



#29
 1,1,1-Trichloroethane
 Concen: 2.057 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

Tgt Ion: 97 Resp: 91527
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.2 78.2
 61 43.9 33.8 50.6





#31

Carbon tetrachloride

Concen: 3.025 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

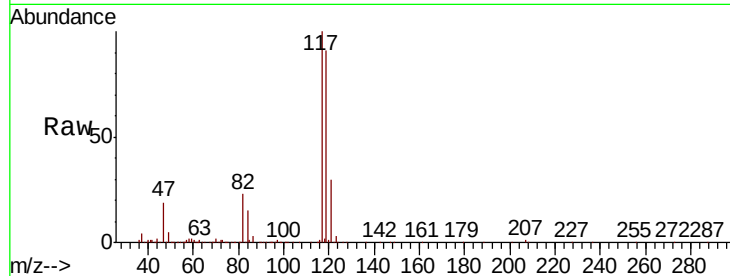
ClientSampleId :

Tot Ion:117 Resp: 124095

Ion Ratio Lower Upper

117 100

119 95.7 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.76

40000

30000

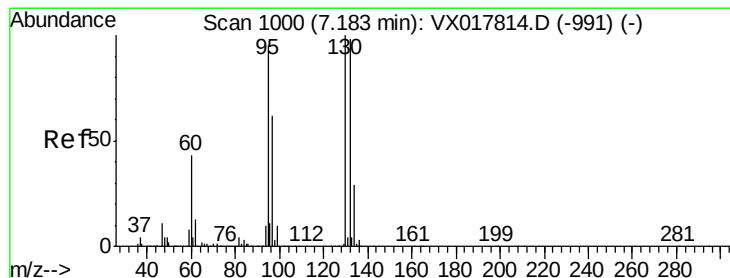
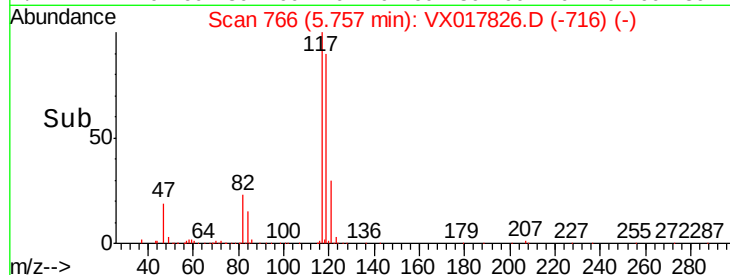
20000

10000

0

5.60 5.70 5.80 5.90

Time-->



#34

Trichloroethene

Concen: 2.117 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Tgt Ion: 95 Resp: 59342

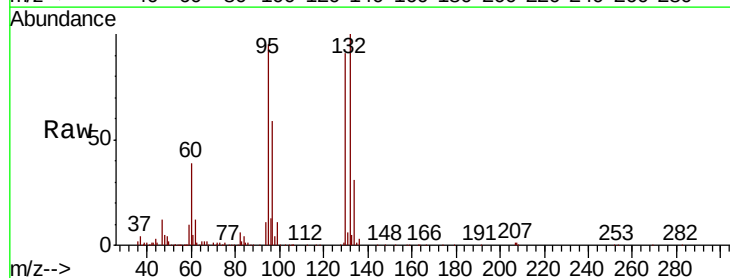
Ion Ratio Lower Upper

95 100

97 62.1 46.1 85.5

132 104.9 66.0 122.6

130 95.9 71.7 133.1



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

40000

30000

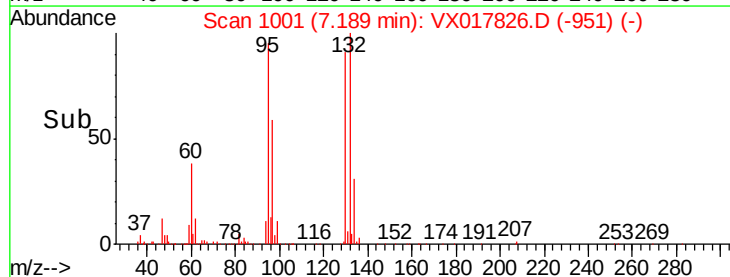
20000

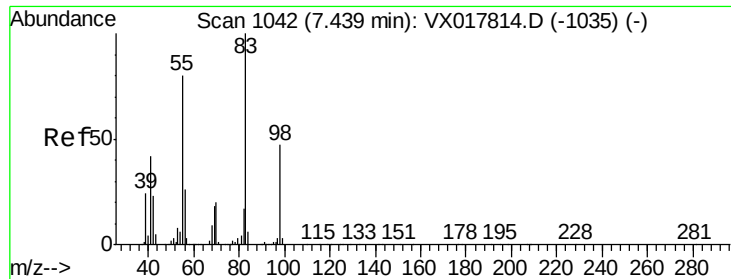
10000

0

7.10 7.20 7.30

Time-->

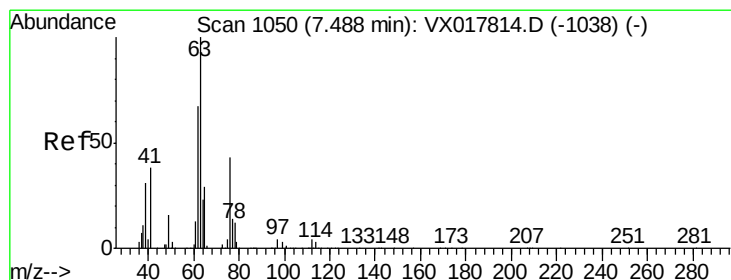
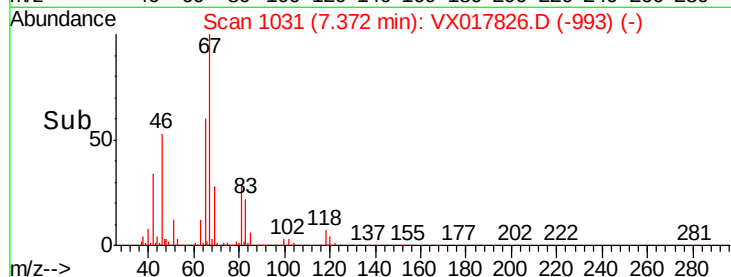
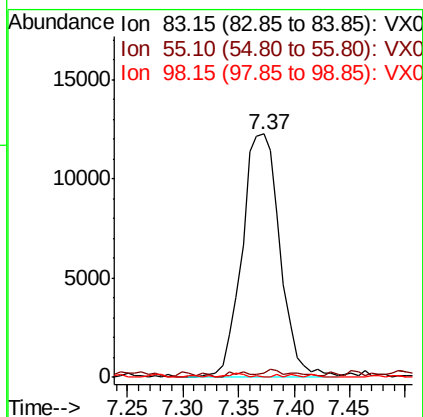
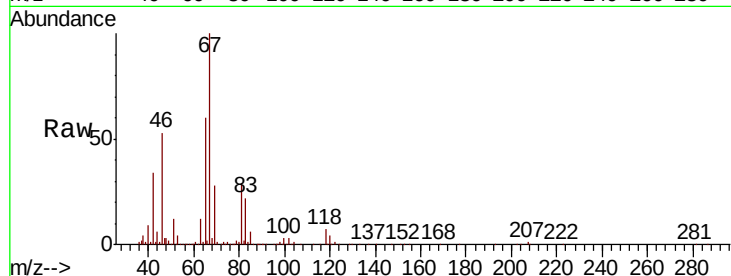




#35
Methylvlcyclohexane
Concen: 0.737 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017826.D
Acq: 07 Aug 2020 15:35

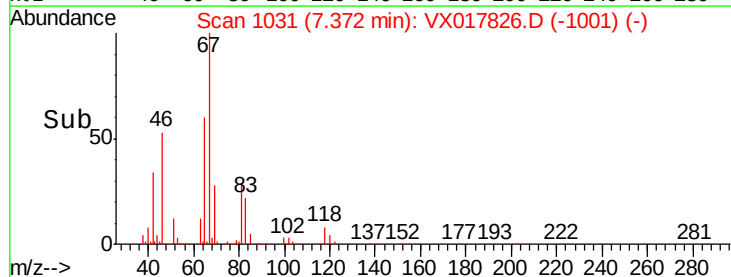
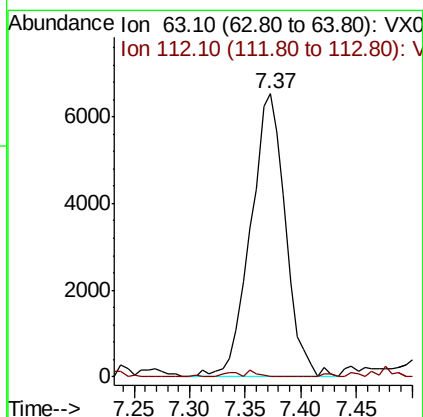
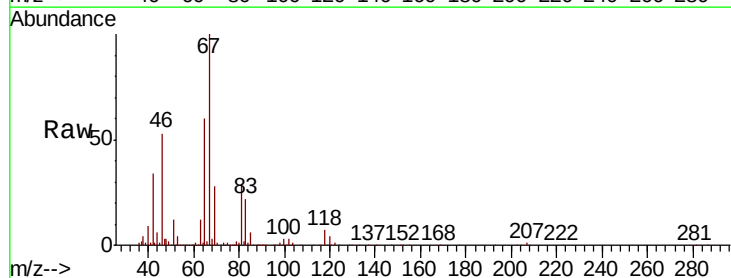
Instrument :
MSVOA_X
ClientSampleId :

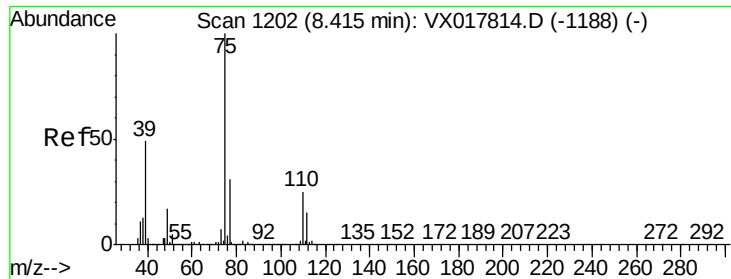
Tot Ion	Ratio	Lower	Upper
83	100		
55	1.6	62.4	93.6#
98	0.5	38.0	57.0#



#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX017826.D
Acq: 07 Aug 2020 15:35

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.6	5.4#



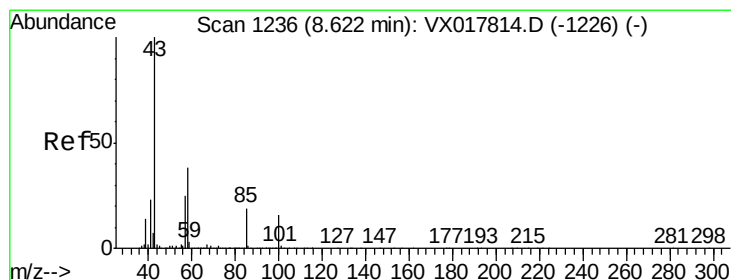
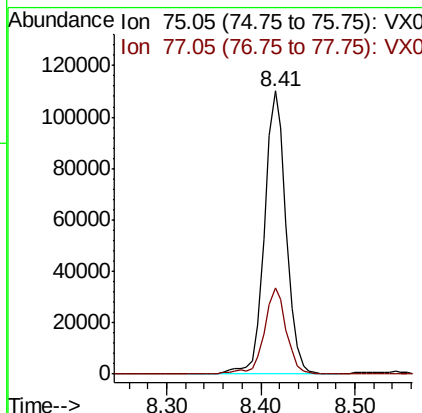
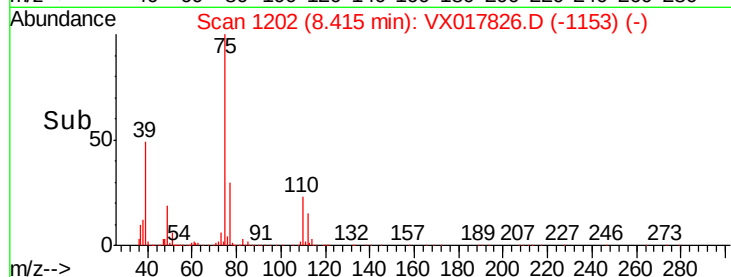
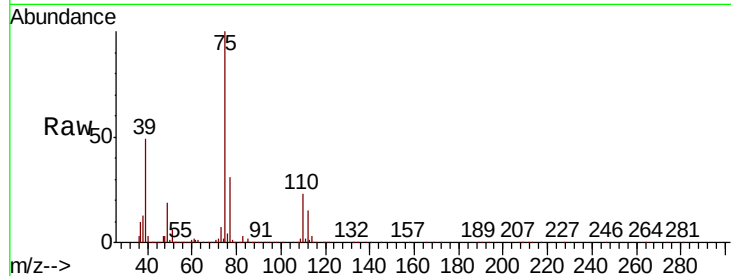


#39

cis-1,3-Dichloropropene
Concen: 4.793 ug/L
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017826.D
Acq: 07 Aug 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :

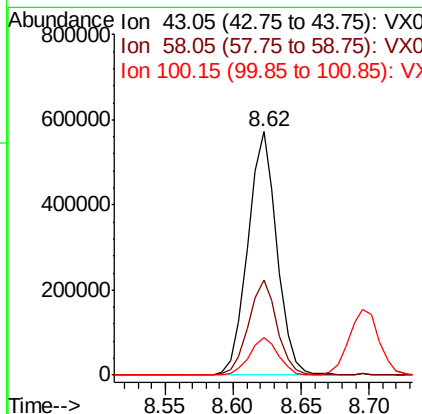
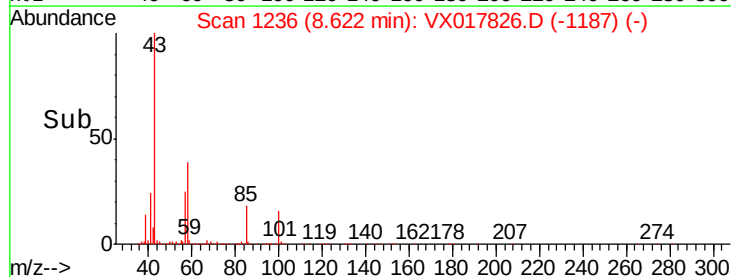
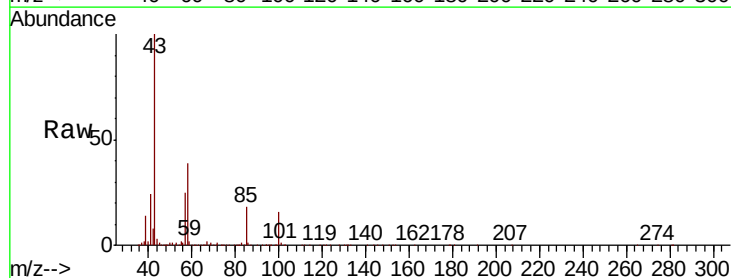
Tot Ion: 75 Resp: 178205
Ion Ratio Lower Upper
75 100
77 30.5 22.2 41.2

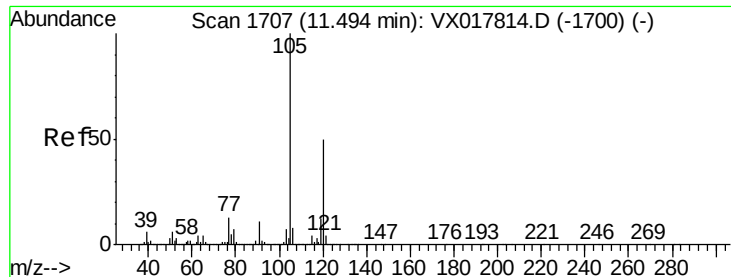


#40

4-Methyl-2-pentanone
Concen: 54.207 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017826.D
Acq: 07 Aug 2020 15:35

Tgt Ion: 43 Resp: 852371
Ion Ratio Lower Upper
43 100
58 38.5 31.1 46.7
100 15.3 12.2 18.4





#43

1,3,5-Trimethylbenzene

Concen: 4.446 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.30 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

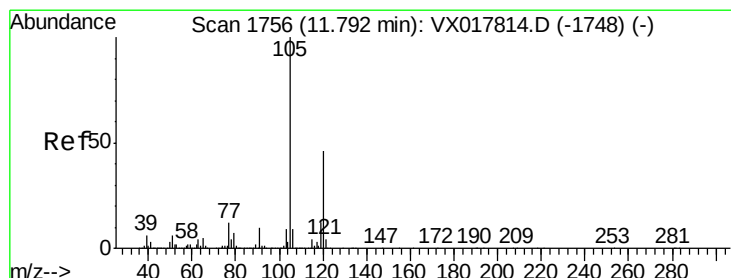
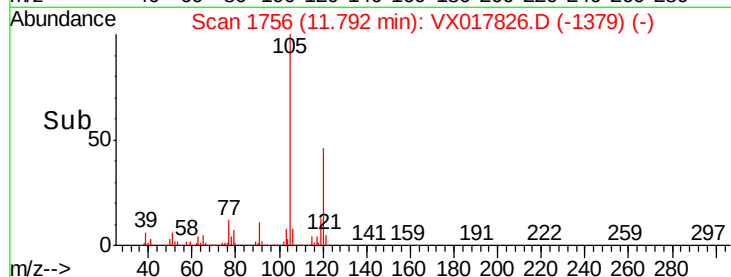
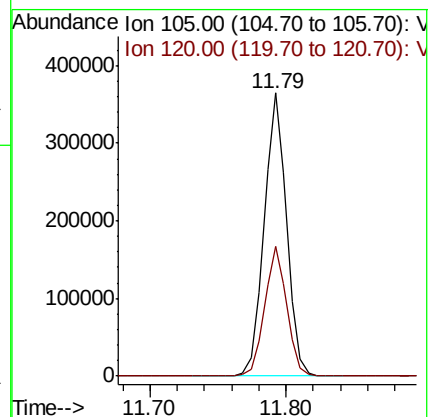
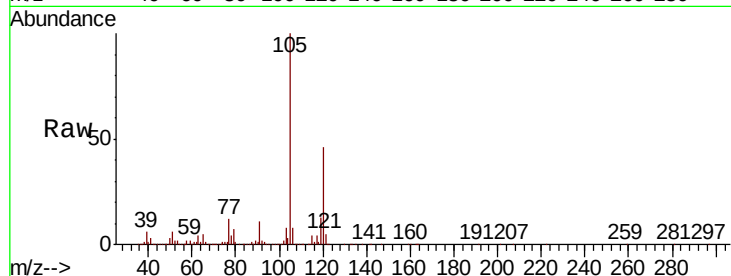
ClientSampleId :

Tot Ion:105 Resp: 423063

Ion Ratio Lower Upper

105 100

120 45.0 38.1 57.1



#44

1,2,4-Trimethylbenzene

Concen: 4.365 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017826.D

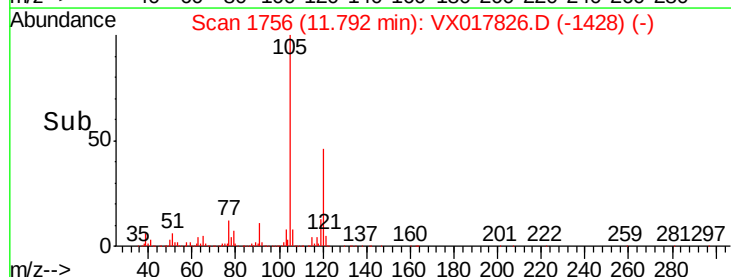
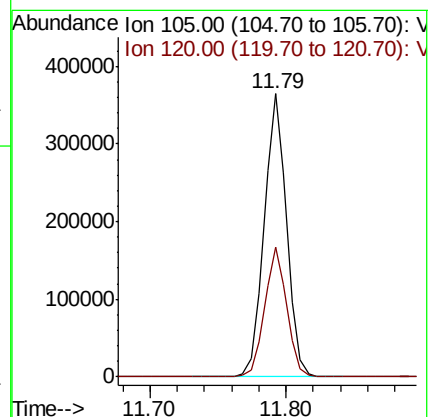
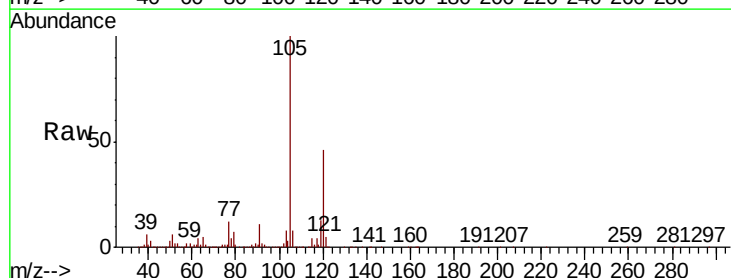
Acq: 07 Aug 2020 15:35

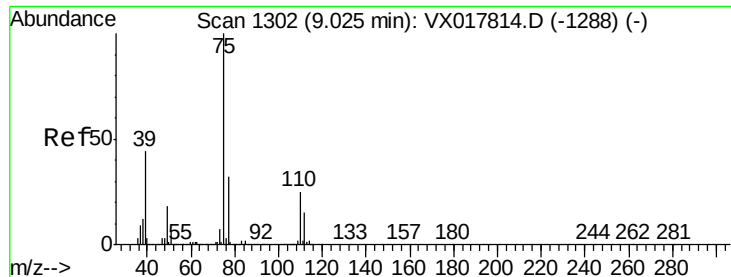
Tgt Ion:105 Resp: 423063

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8





#46

trans-1,3-Dichloropropene

Concen: 2.394 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

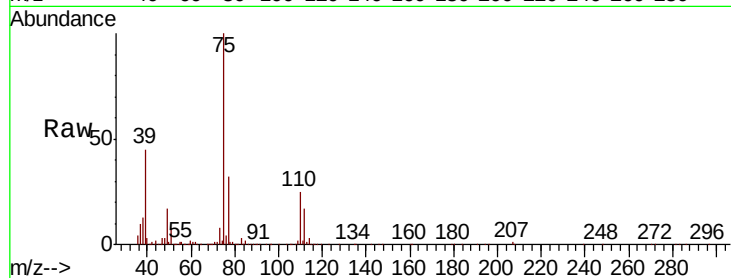
ClientSampleId :

Tot Ion: 75 Resp: 79399

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

60000

50000

40000

30000

20000

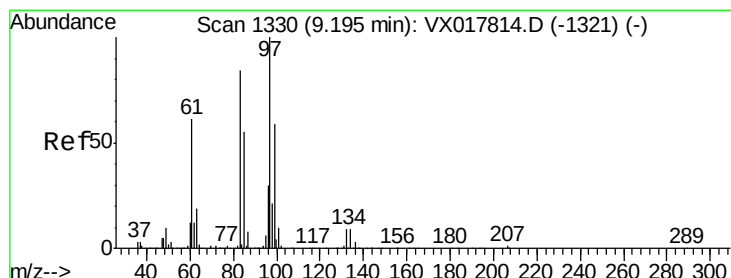
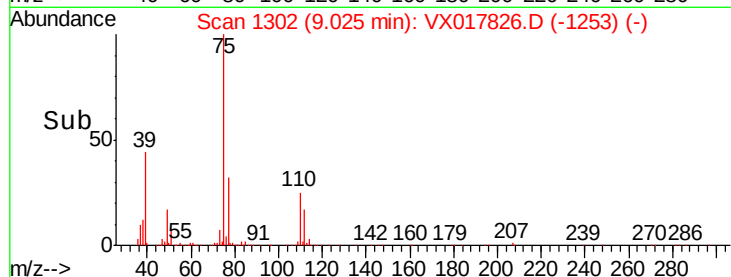
10000

0

Time-->

8.90 9.00 9.10

9.02



#47

1,1,2-Trichloroethane

Concen: 2.091 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Tgt Ion: 97 Resp: 37888

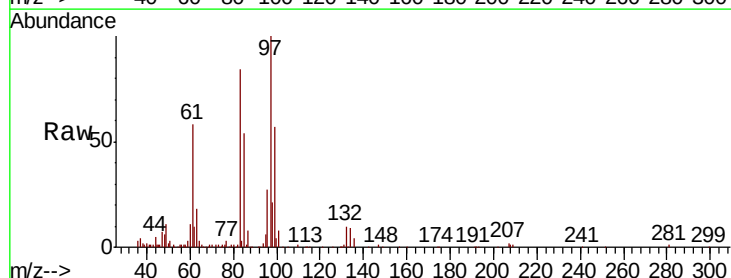
Ion Ratio Lower Upper

97 100

99 57.1 43.9 81.5

83 84.3 58.4 108.6

85 53.6 37.5 69.6



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

40000

30000

20000

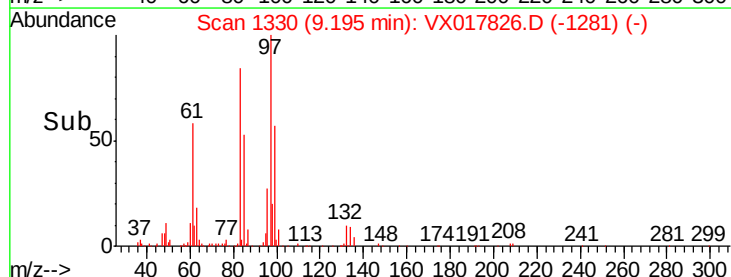
10000

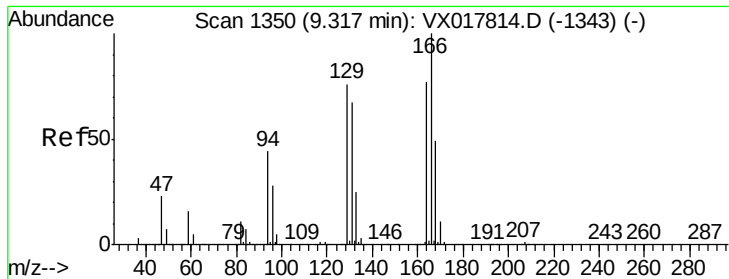
0

Time-->

9.10 9.15 9.20 9.25

9.20





#49

Tetrachloroethene

Concen: 3.165 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 70989

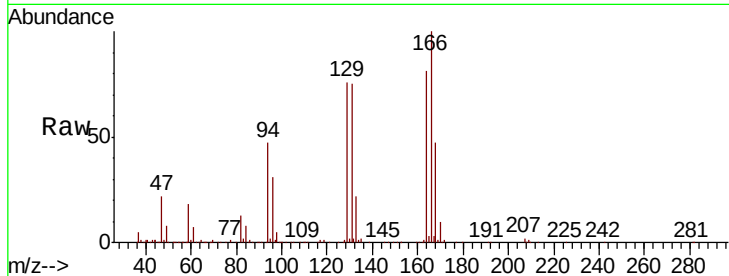
Ion Ratio Lower Upper

164 100

129 93.2 67.4 125.2

131 91.8 65.3 121.3

166 122.9 87.2 161.9

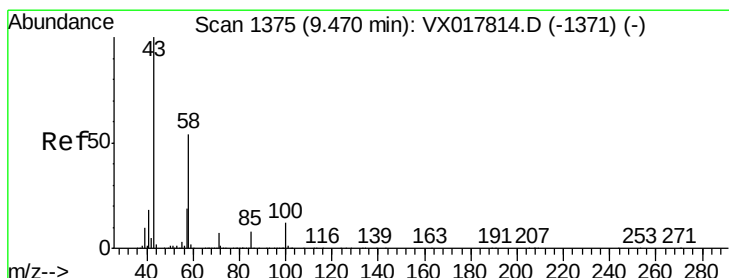
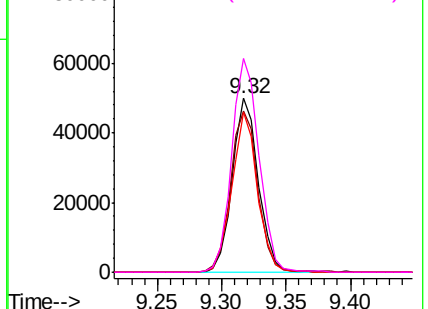
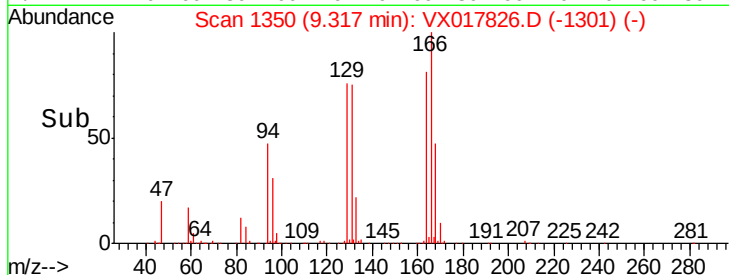


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 2.288 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Tgt Ion: 43 Resp: 25788

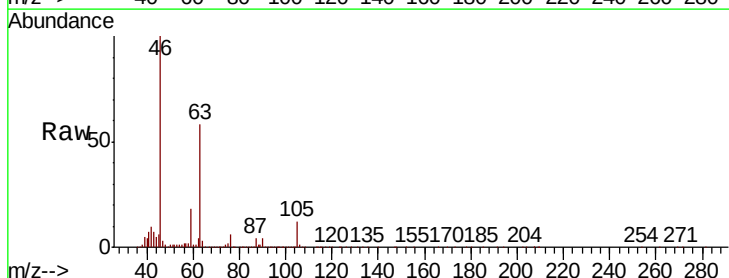
Ion Ratio Lower Upper

43 100

58 26.6 43.0 64.6#

57 31.9 15.0 22.4#

100 2.1 9.2 13.8#

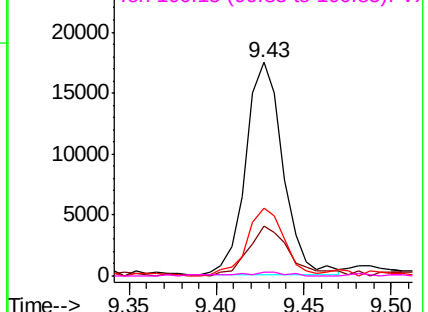
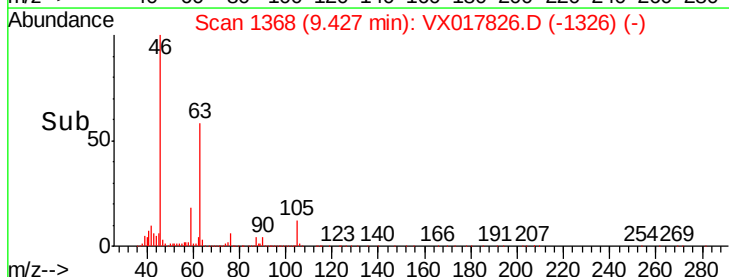


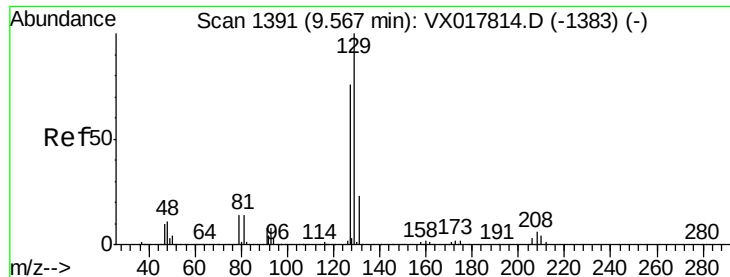
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0





#51

Dibromochloromethane

Concen: 2.745 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

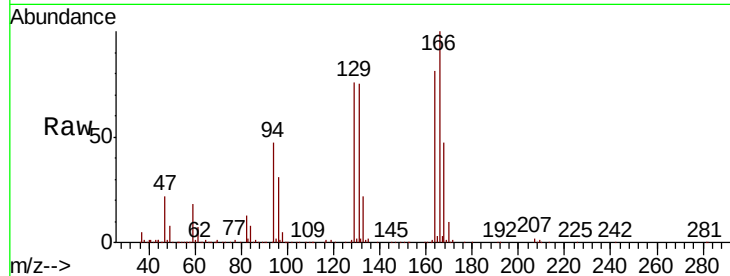
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 68527

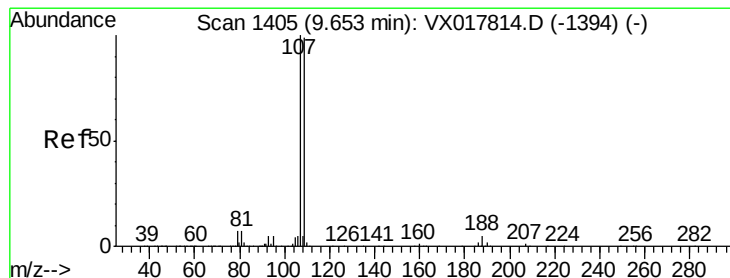
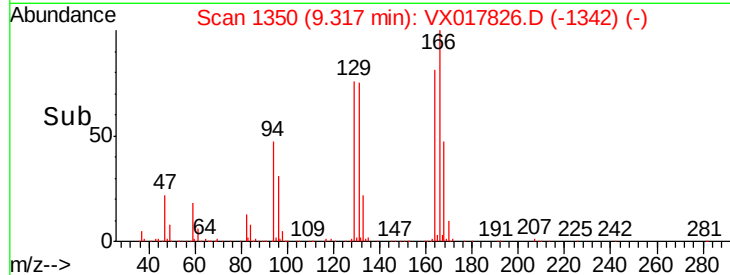
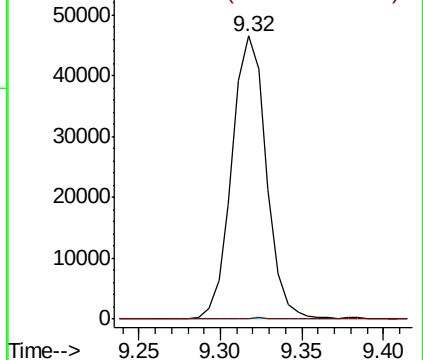
Ion Ratio Lower Upper

129 100

127 0.3 52.5 97.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V



#52

1,2-Dibromoethane

Concen: 4.659 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

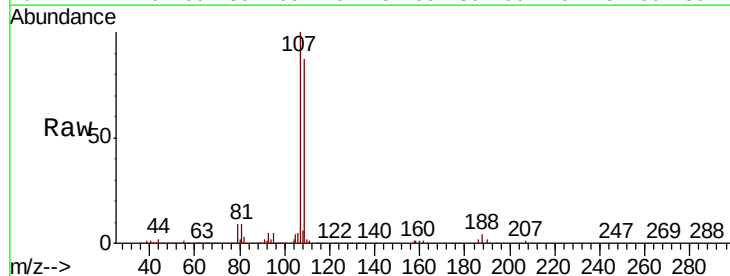
Tgt Ion:107 Resp: 82648

Ion Ratio Lower Upper

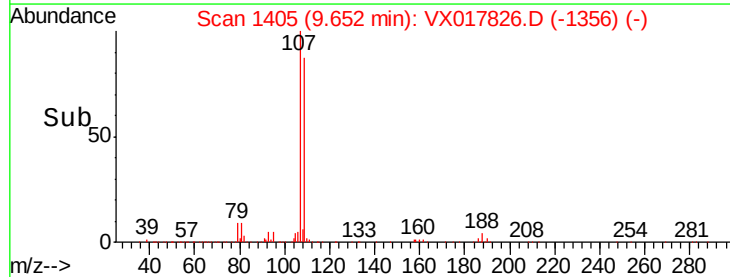
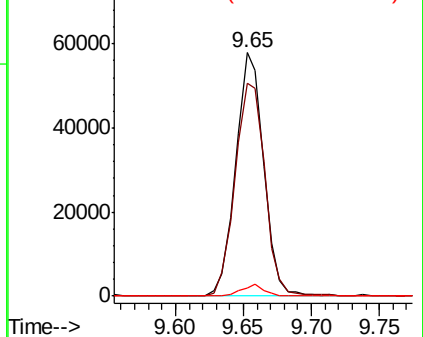
107 100

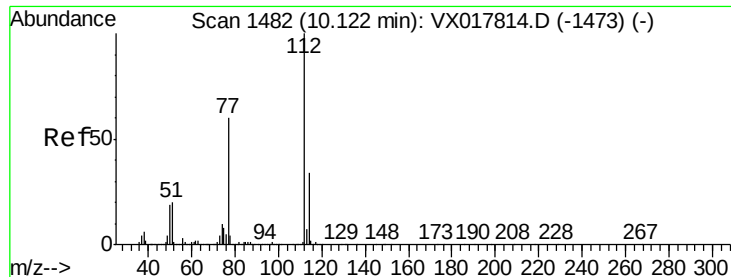
109 87.3 64.6 120.0

188 3.6 2.5 3.7



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V





#53

Chlorobenzene

Concen: 6.034 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

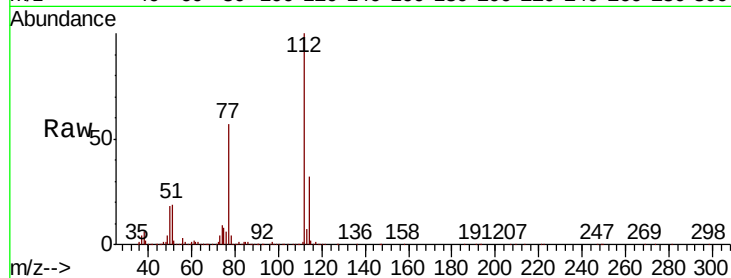
Tot Ion:112 Resp: 409459

Ion Ratio Lower Upper

112 100

114 32.1 23.5 43.7

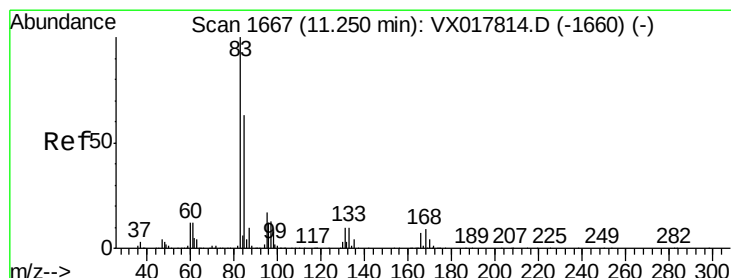
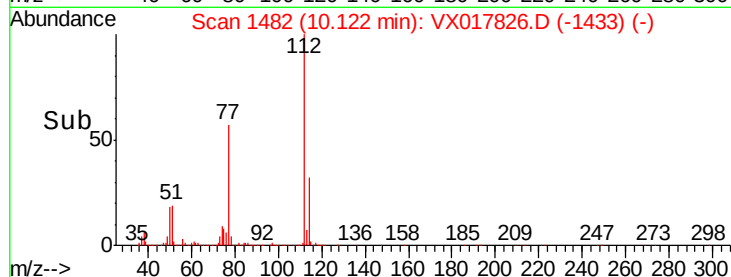
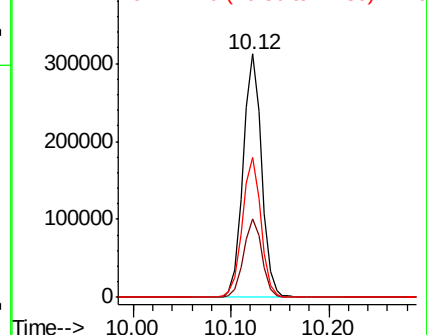
77 57.4 46.7 70.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 1.724 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

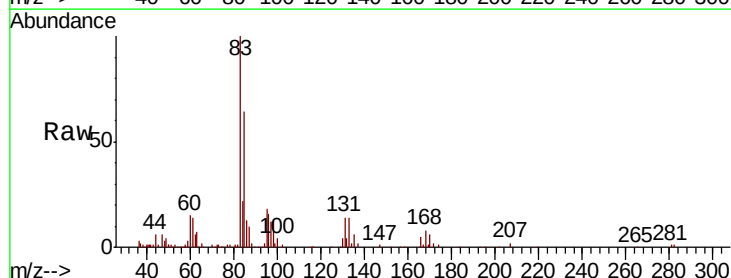
Tgt Ion: 83 Resp: 34308

Ion Ratio Lower Upper

83 100

85 63.6 44.6 82.8

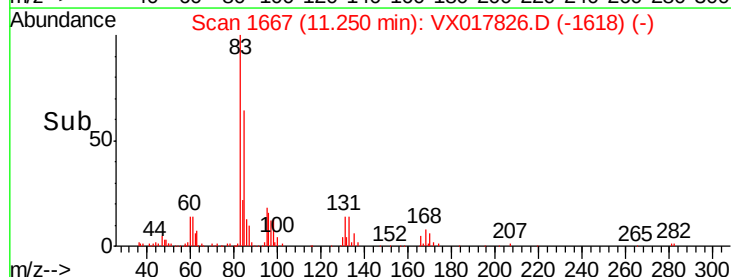
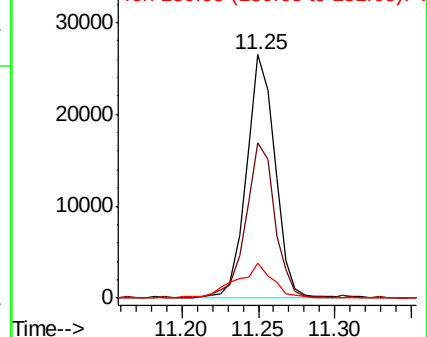
131 14.2 8.2 12.2#

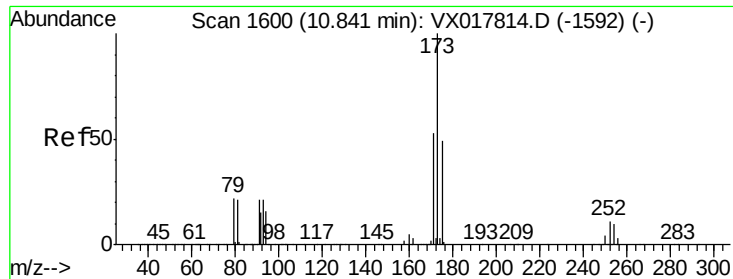


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 2.952 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

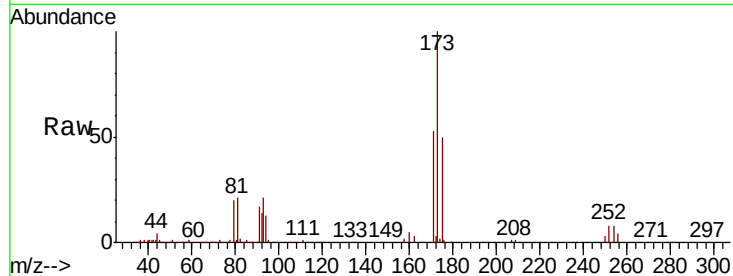
Tot Ion:173 Resp: 41468

Ion Ratio Lower Upper

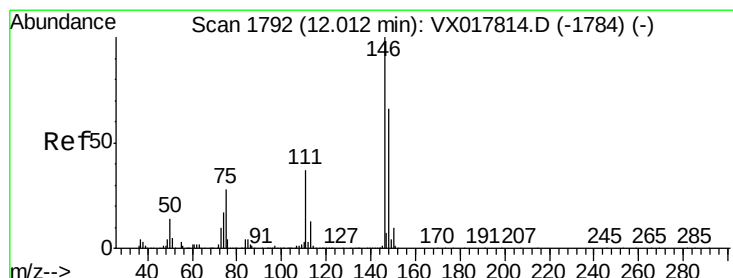
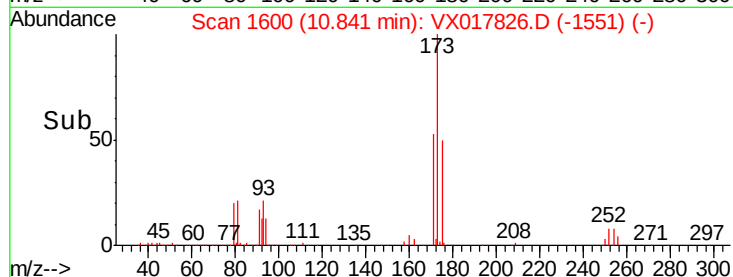
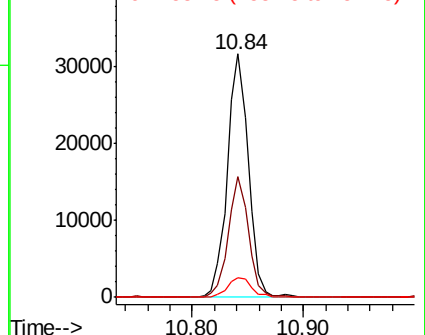
173 100

175 48.1 40.0 60.0

254 9.1 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 3.144 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017826.D

Acq: 07 Aug 2020 15:35

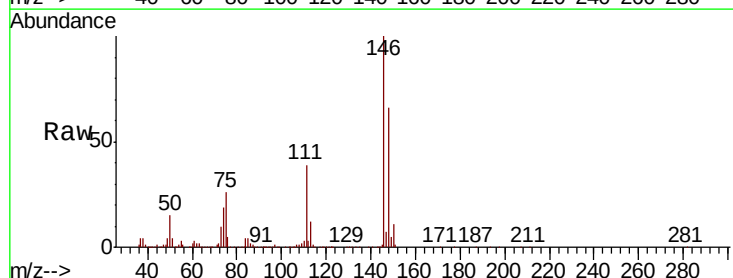
Tgt Ion:146 Resp: 172004

Ion Ratio Lower Upper

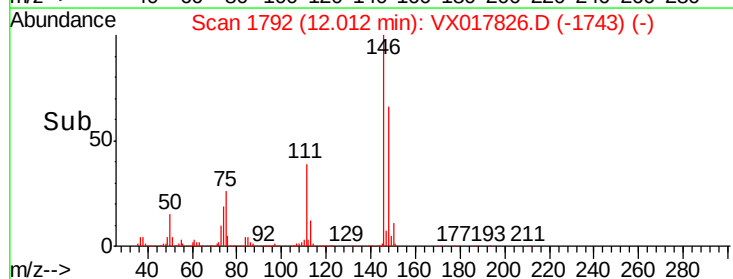
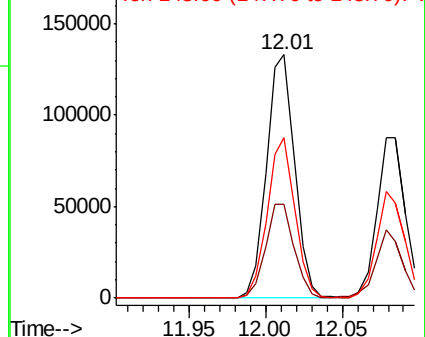
146 100

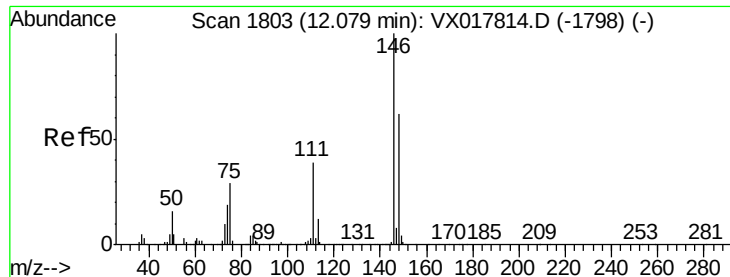
111 38.5 27.6 51.4

148 66.1 43.9 81.5



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

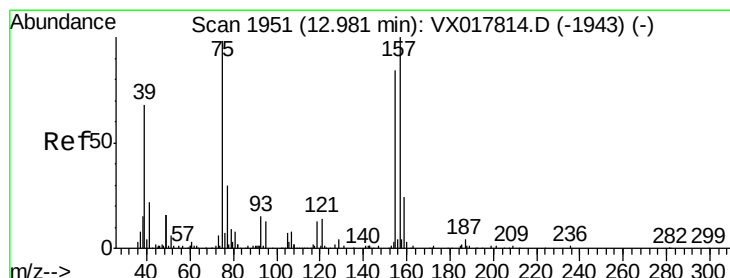
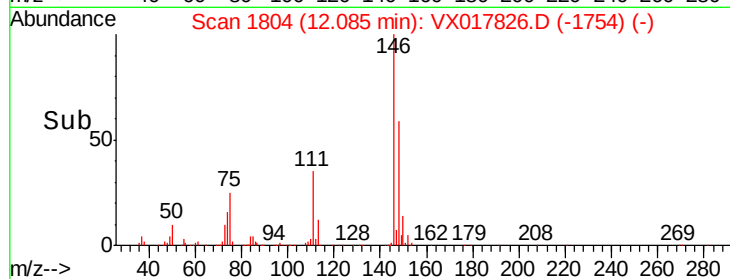
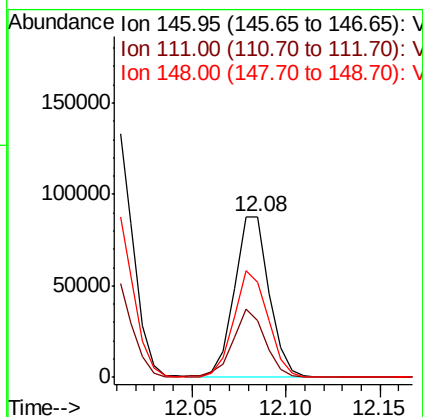
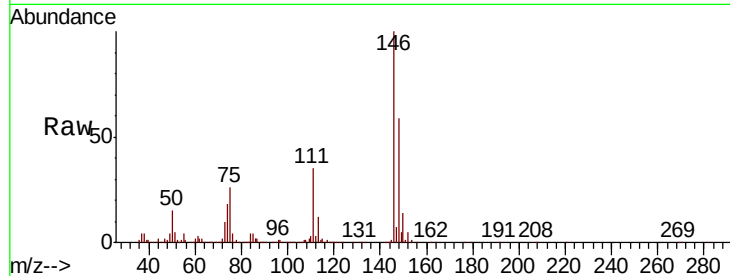




#64
 1,4-Dichlorobenzene
 Concen: 2.077 ug/L
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

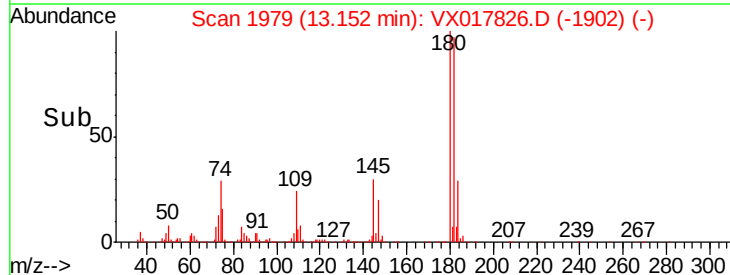
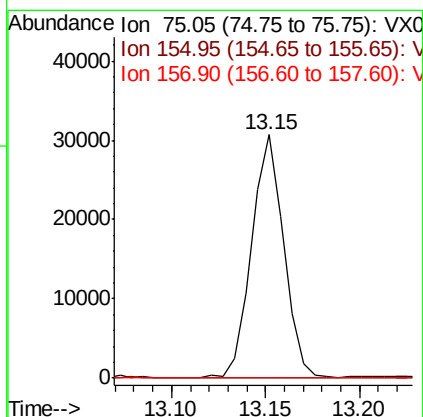
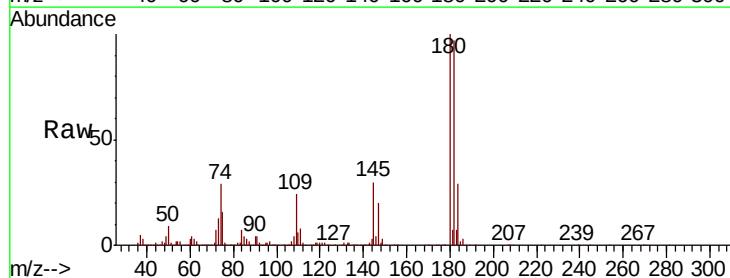
Instrument :
 MSVOA_X
 ClientSampleId :

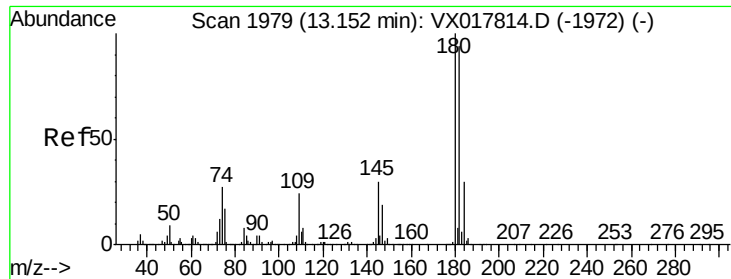
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.2	26.0	48.2
148	59.1	43.2	80.2



#67
 1,2-Dibromo-3-chloropropane
 Concen: 8.235 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.17 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.3	60.9	91.3#
157	0.0	83.3	124.9#

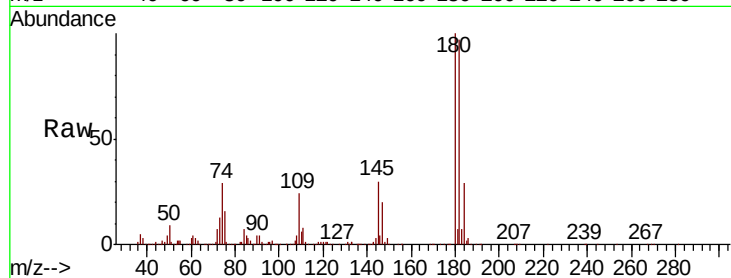




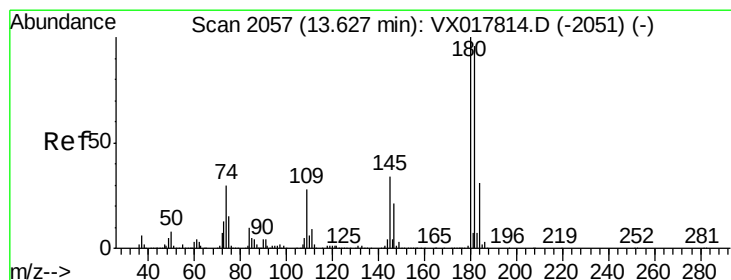
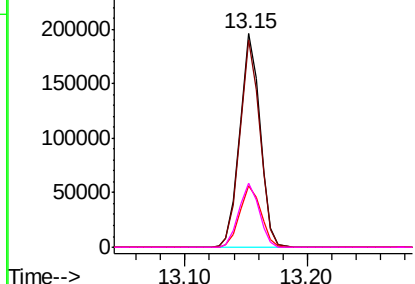
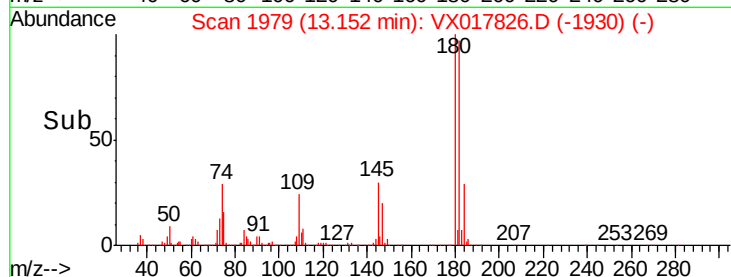
#68
 1,3,5-Trichlorobenzene
 Concen: 5.530 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180	Resp:	223389
Ion Ratio	Lower	Upper
180	100	
182	95.7	80.2 120.4
184	29.8	24.9 37.3
145	30.2	25.1 37.7

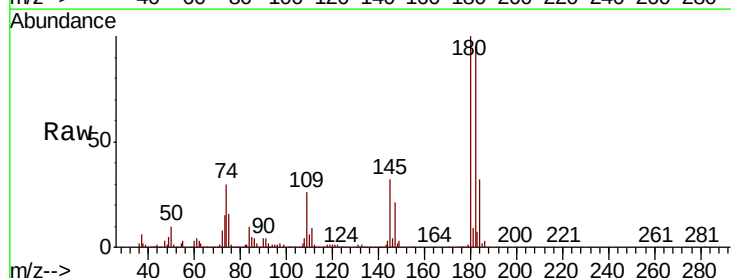


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

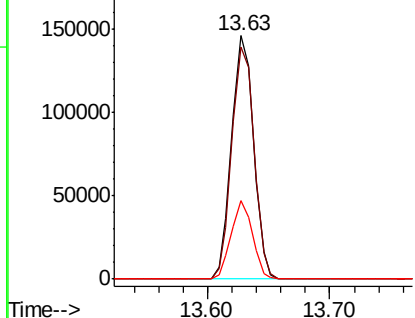
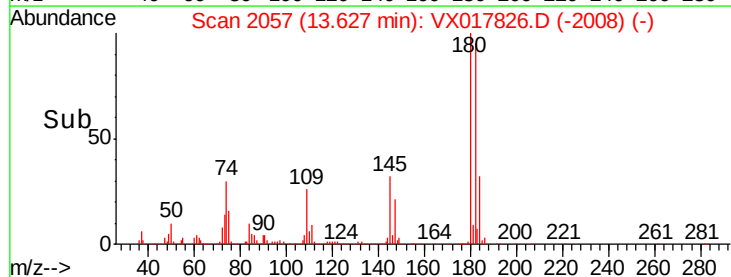


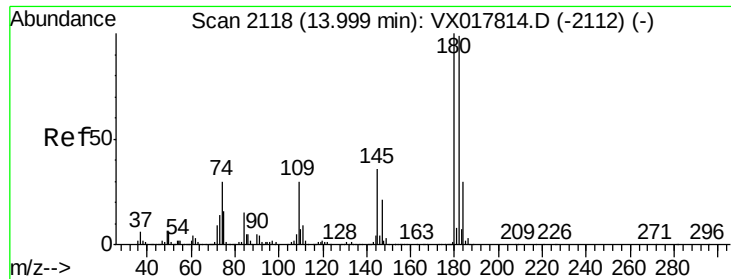
#69
 1,2,4-trichlorobenzene
 Concen: 5.089 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

Tgt Ion:180	Resp:	181973
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.5 114.7
145	31.2	25.4 38.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#71
 1,2,3-Trichlorobenzene
 Concen: 3.058 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX017826.D
 Acq: 07 Aug 2020 15:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.4	113.0
145	32.6	27.4	41.0

