

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
 Data File : VX018730.D
 Acq On : 01 Oct 2020 16:33
 Operator : JC/SP
 Sample : VSTD00566
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 17:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 17:22:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	207406	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	199654	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	105492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65647	5.78	ug/L	0.00
7) Chloroethane-d5	1.70	69	47945	5.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	139242	5.64	ug/L	0.00
20) 2-Butanone-d5	4.57	46	164468	57.90	ug/L	0.00
24) Chloroform-d	5.14	84	145255	5.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	85198	5.51	ug/L	0.00
32) Benzene-d6	6.05	84	247869	5.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	70986	5.05	ug/L	0.00
41) Toluene-d8	8.70	98	241606	5.22	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	37993	5.85	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	135773	58.89	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	58883	5.51	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	97204	5.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	68560	5.414 ug/L	100
3) Chloromethane	1.31	50	51133	4.807 ug/L	100
5) Vinyl chloride	1.39	62	57287	5.087 ug/L	100
6) Bromomethane	1.64	94	34196	4.972 ug/L	100
8) Chloroethane	1.72	64	33379	5.381 ug/L	100
9) Trichlorofluoromethane	1.92	101	114541	5.723 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	56262	5.231 ug/L	100
12) 1,1-Dichloroethene	2.36	96	50472	4.999 ug/L	100
13) Acetone	2.46	43	82489	53.535 ug/L	100
14) Carbon disulfide	2.55	76	158245	5.117 ug/L	100
15) Methyl Acetate	2.76	43	17784	4.283 ug/L	100
16) Methylene chloride	2.83	84	55912	4.008 ug/L	100
17) Methyl tert-butyl Ether	3.17	73	126679	5.522 ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	52262	5.146 ug/L	100
19) 1,1-Dichloroethane	3.67	63	94695	5.193 ug/L	100
21) 2-Butanone	4.67	43	123748	51.007 ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	53384	5.015 ug/L	100
23) Bromochloromethane	4.98	128	26525	5.180 ug/L	100
25) Chloroform	5.18	83	108297	5.360 ug/L	100
27) 1,2-Dichloroethane	6.16	62	76855	5.945 ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	109298	5.597 ug/L	100
30) Cyclohexane	5.55	56	76911	5.030 ug/L	100
31) Carbon tetrachloride	5.75	117	99492	5.534 ug/L	100
33) Benzene	6.12	78	204118	5.260 ug/L	100
34) Trichloroethene	7.19	95	60841	5.386 ug/L	100
35) Methylcyclohexane	7.44	83	80881	5.154 ug/L	100
37) 1,2-Dichloropropane	7.49	63	47973	4.725 ug/L	100
38) Bromodichloromethane	7.88	83	77018	5.454 ug/L	100
39) cis-1,3-Dichloropropene	8.42	75	76466	5.193 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	303230	53.091 ug/L	100

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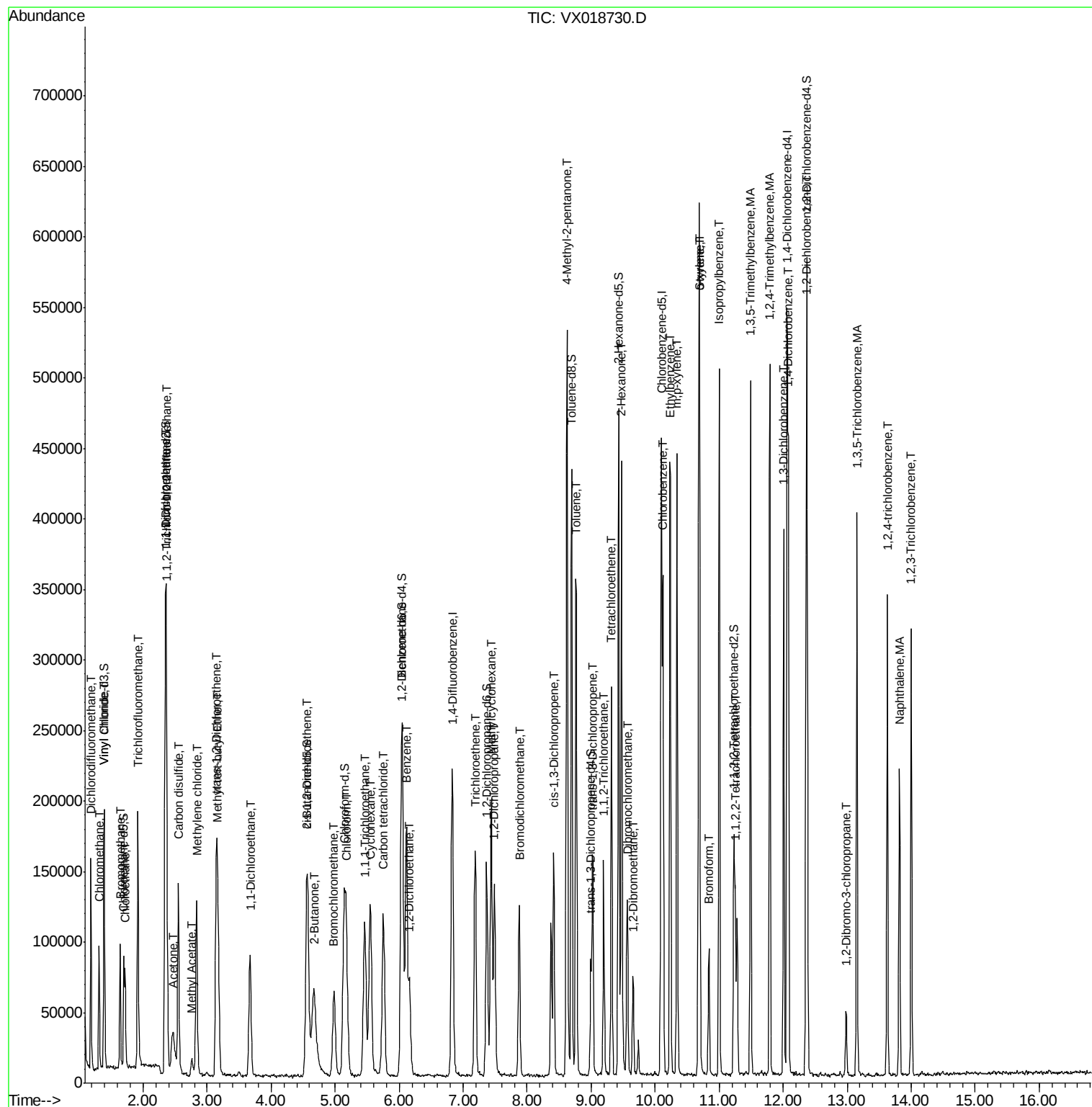
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	223549	5.334	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	209216	5.632	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	212417	5.698	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	73719	5.453	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	37393	5.045	ug/L	100
49) Tetrachloroethene	9.32	164	51922	5.750	ug/L	100
50) 2-Hexanone	9.48	43	224445	55.349	ug/L	100
51) Dibromochloromethane	9.57	129	55452	5.573	ug/L	100
52) 1,2-Dibromoethane	9.65	107	36612	5.332	ug/L	100
53) Chlorobenzene	10.12	112	145964	5.282	ug/L	100
54) Ethylbenzene	10.23	91	248544	5.421	ug/L	100
55) m,p-xylene	10.34	106	95947	5.445	ug/L	100
56) o-xylene	10.68	106	91696	5.504	ug/L	100
57) Styrene	10.70	104	152269	5.563	ug/L	100
58) Isopropylbenzene	11.00	105	258448	5.748	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	43712	5.241	ug/L	100
62) Bromoform	10.84	173	32549	5.631	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	122713	5.299	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	125639	5.324	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	116010	5.363	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.99	75	9407	5.115	ug/L	100
68) 1,3,5-Trichlorobenzene	13.15	180	93549	5.328	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	78298	5.449	ug/L	100
70) Naphthalene	13.82	128	127394	5.257	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	70099	5.382	ug/L	100

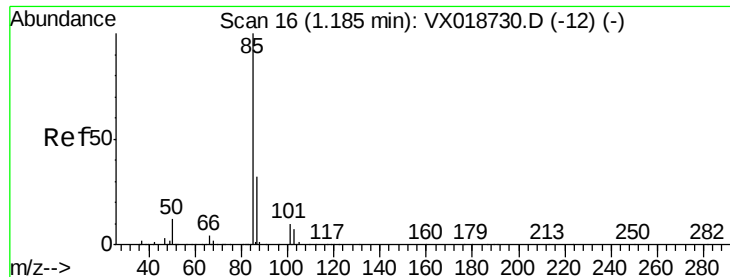
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.414 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

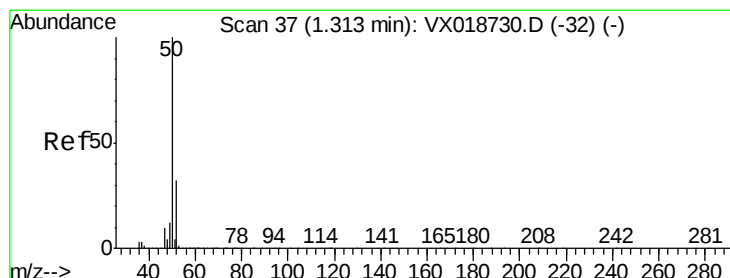
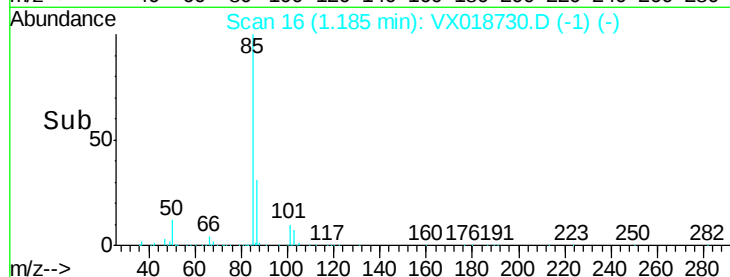
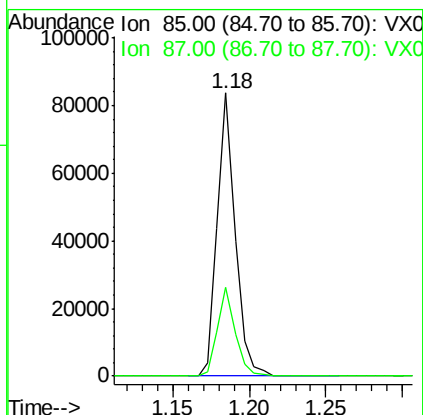
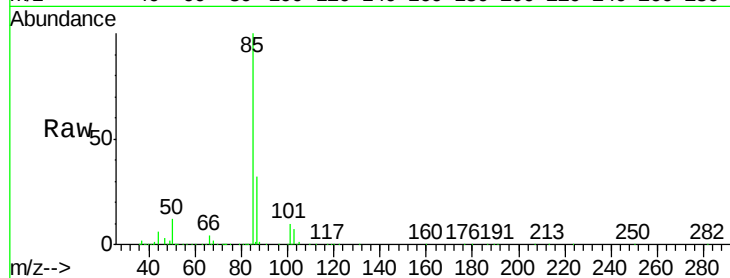
ClientSampleId :

Tgt Ion: 85 Resp: 68560

Ion Ratio Lower Upper

85 100

87 31.4 25.1 37.7



#3

Chloromethane

Concen: 4.807 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018730.D

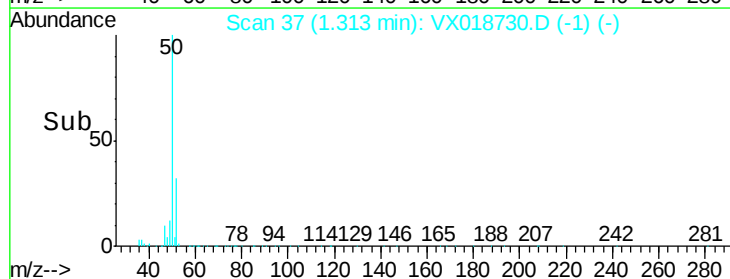
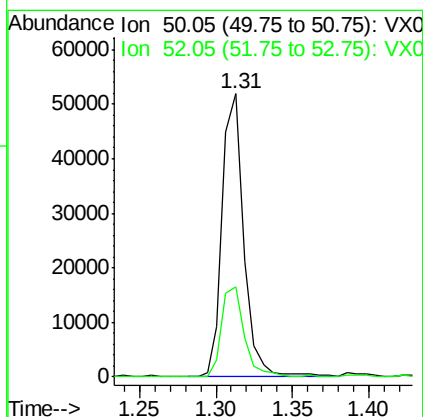
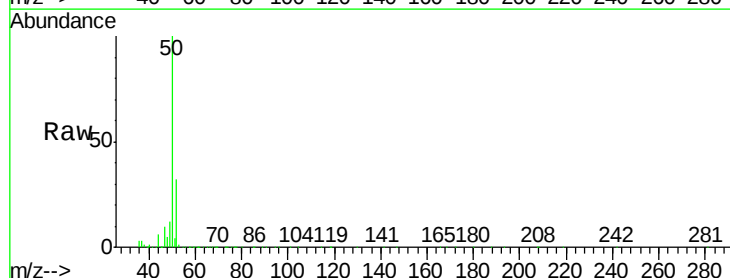
Acq: 01 Oct 2020 16:33

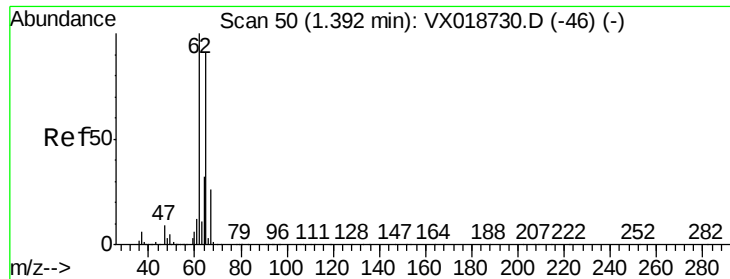
Tgt Ion: 50 Resp: 51133

Ion Ratio Lower Upper

50 100

52 31.9 22.3 41.5





#5

Vinyl chloride

Concen: 5.087 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

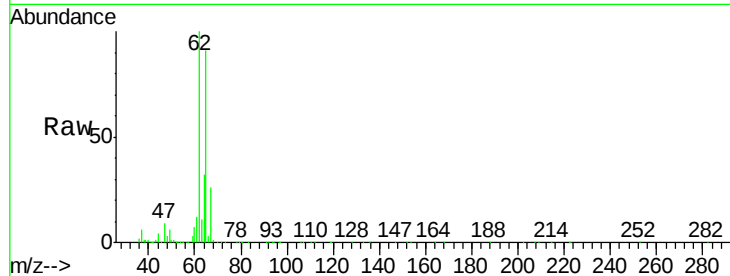
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 57287

Ion Ratio Lower Upper

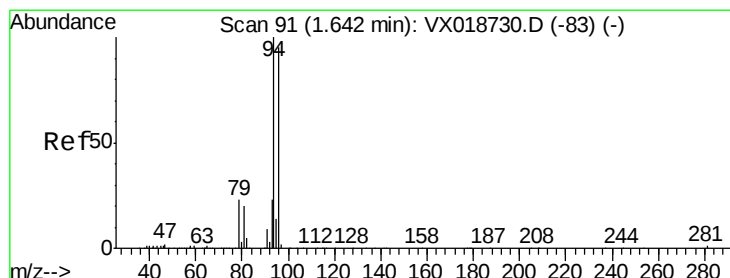
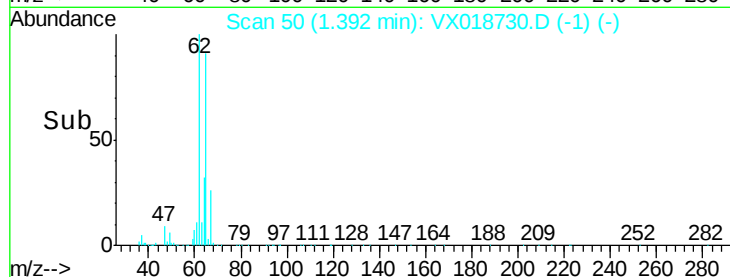
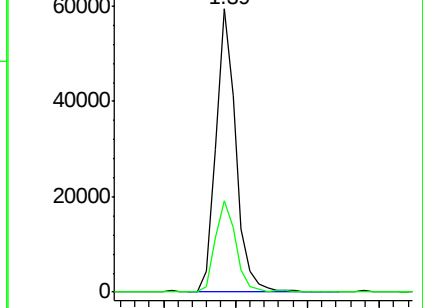
62 100

64 32.4 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#6

Bromomethane

Concen: 4.972 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018730.D

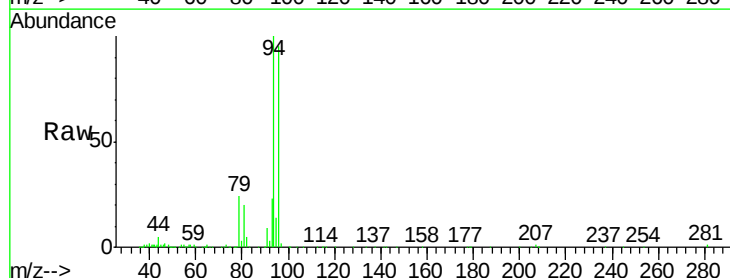
Acq: 01 Oct 2020 16:33

Tgt Ion: 94 Resp: 34196

Ion Ratio Lower Upper

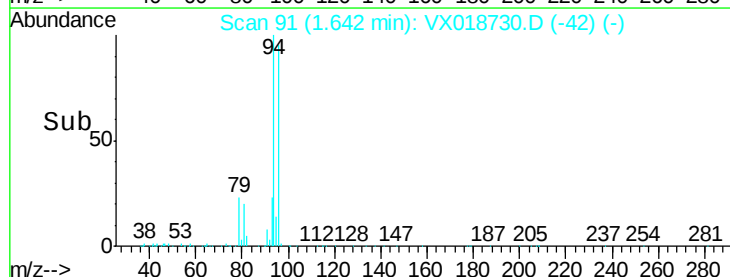
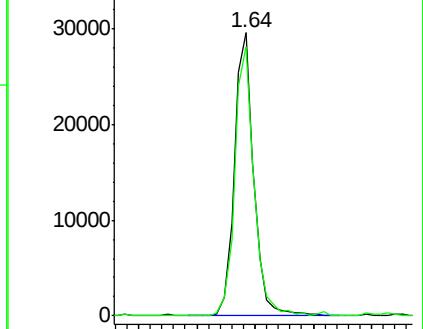
94 100

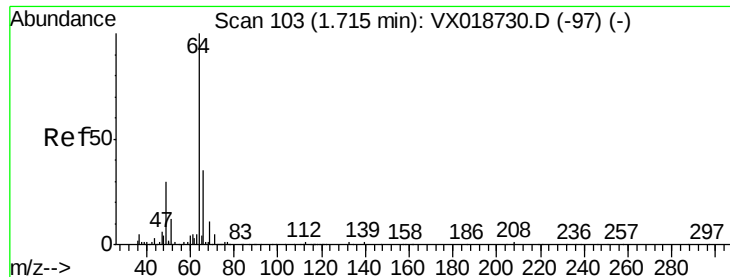
96 95.2 66.6 123.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

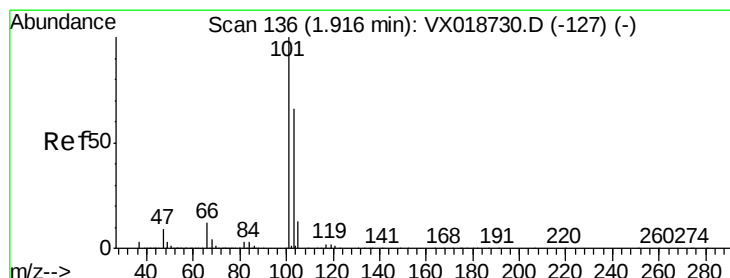
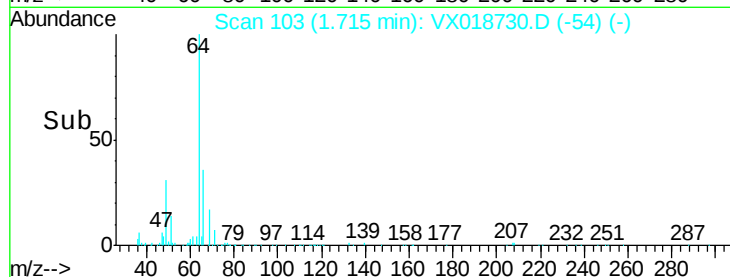
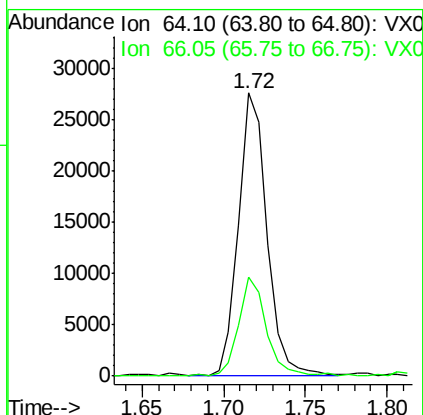
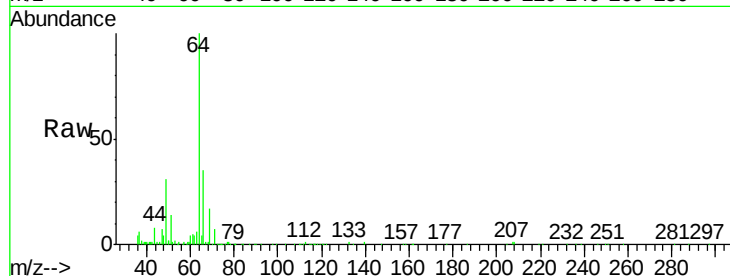




#8
Chloroethane
Concen: 5.381 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018730.D
Acq: 01 Oct 2020 16:33

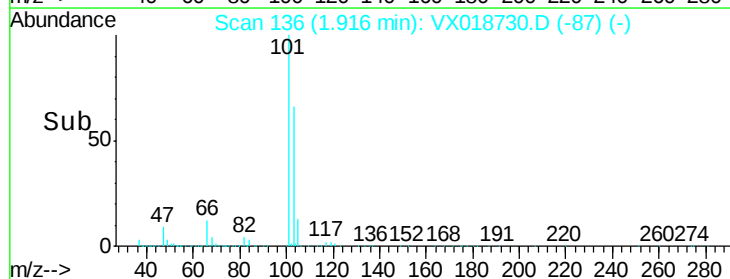
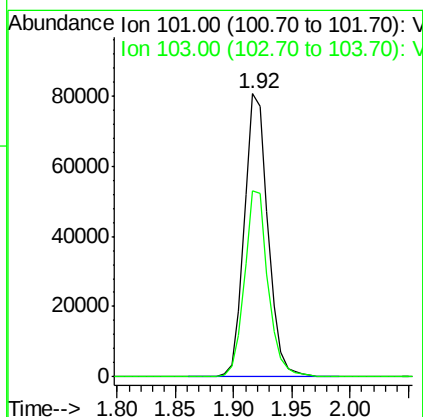
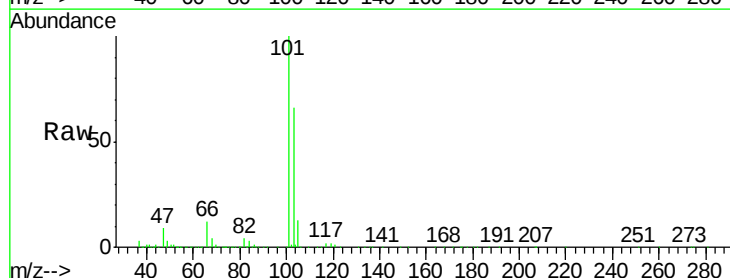
Instrument :
MSVOA_X
ClientSampleId :

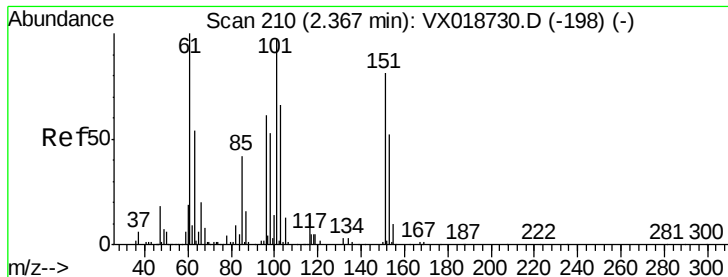
Tgt Ion: 64 Resp: 33379
Ion Ratio Lower Upper
64 100
66 35.0 24.5 45.5



#9
Trichlorofluoromethane
Concen: 5.723 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018730.D
Acq: 01 Oct 2020 16:33

Tgt Ion: 101 Resp: 114541
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5





#10

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

Concen: 5.231 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

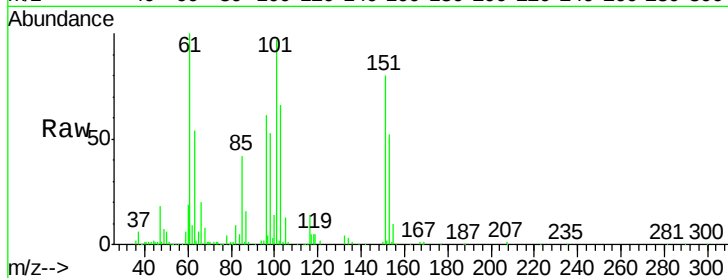
Tgt Ion: 101 Resp: 56262

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

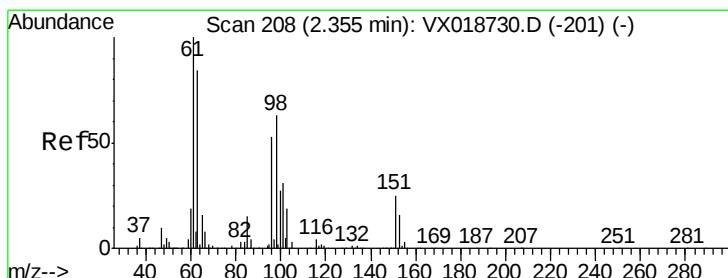
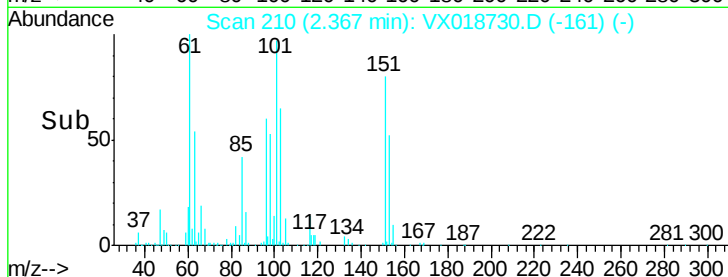
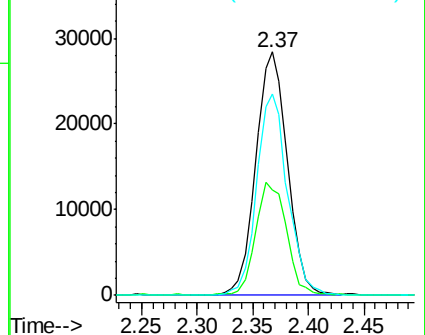
151 81.2 65.0 97.4



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: 4.999 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

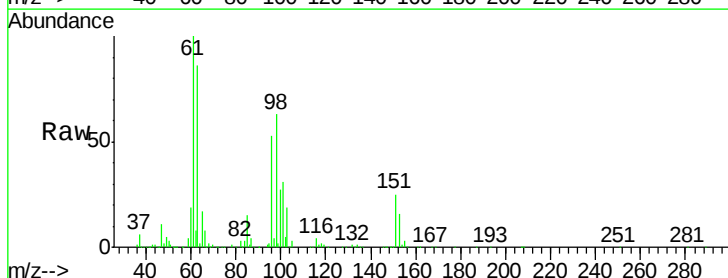
Tgt Ion: 96 Resp: 50472

Ion Ratio Lower Upper

96 100

61 187.2 131.0 243.4

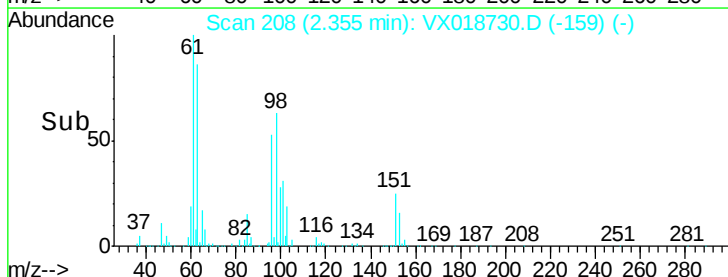
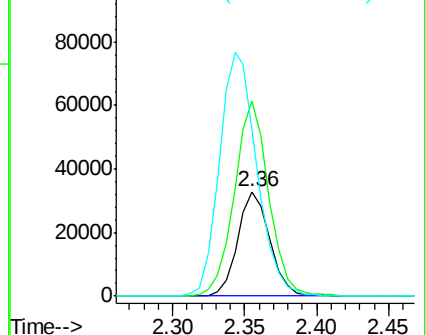
63 160.1 112.1 208.1

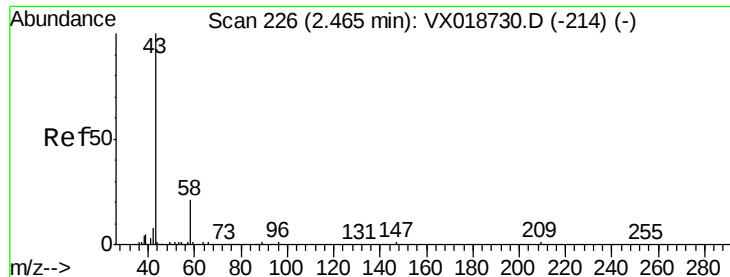


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 53.535 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

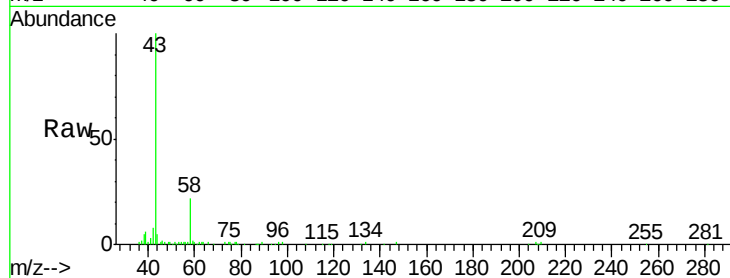
ClientSampleId :

Tgt Ion: 43 Resp: 82489

Ion Ratio Lower Upper

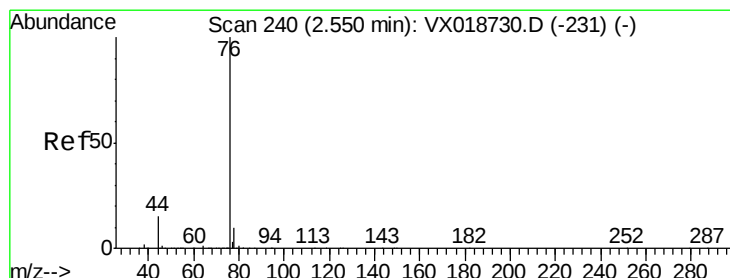
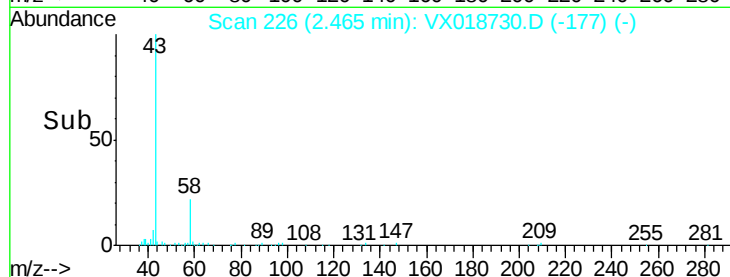
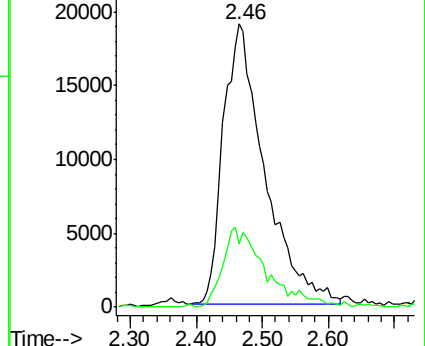
43 100

58 27.1 0.0 54.2



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 5.117 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018730.D

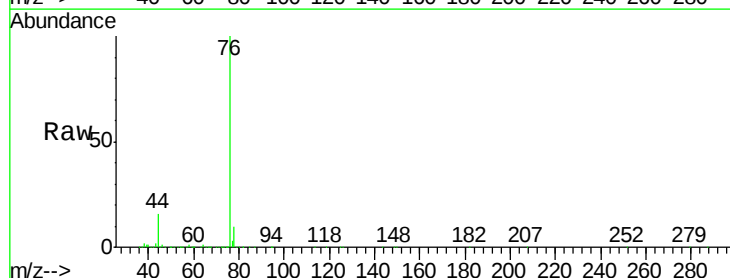
Acq: 01 Oct 2020 16:33

Tgt Ion: 76 Resp: 158245

Ion Ratio Lower Upper

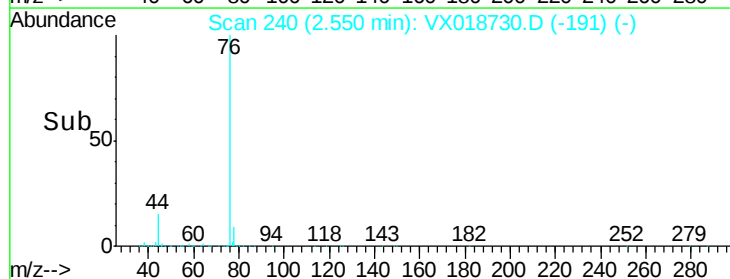
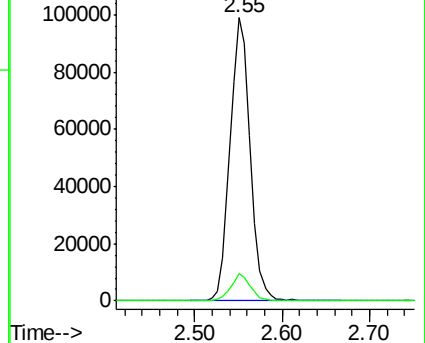
76 100

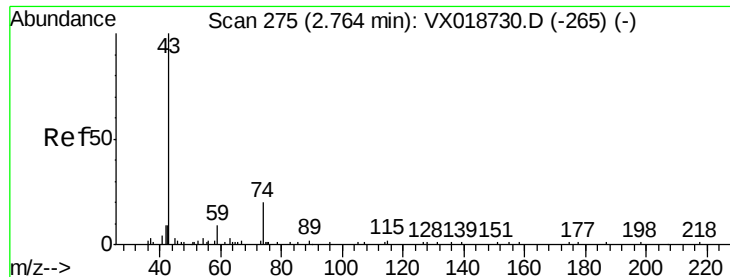
78 9.6 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0





#15

Methyl Acetate

Concen: 4.283 ug/L

RT: 2.76 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

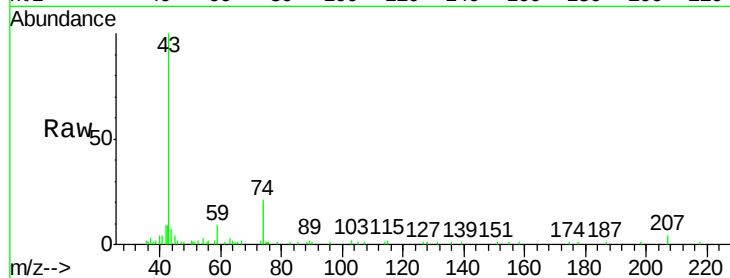
ClientSampleId :

Tgt Ion: 43 Resp: 17784

Ion Ratio Lower Upper

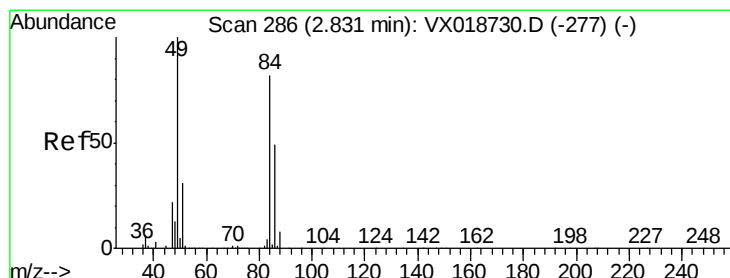
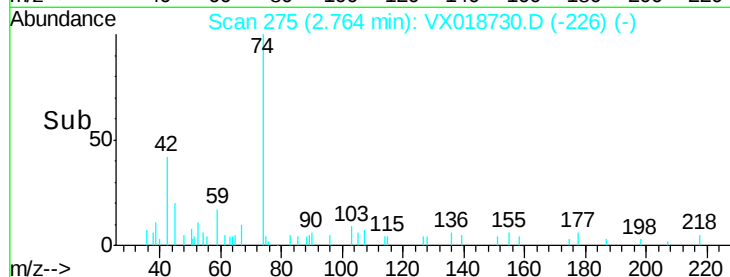
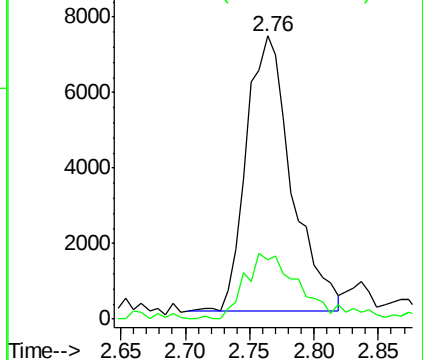
43 100

74 26.9 21.5 32.3



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0



#16

Methylene chloride

Concen: 4.008 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

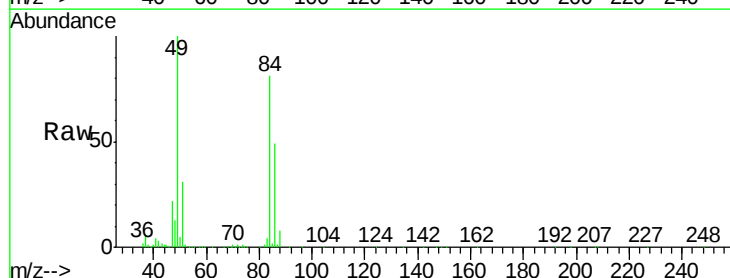
Tgt Ion: 84 Resp: 55912

Ion Ratio Lower Upper

84 100

86 60.7 42.5 78.9

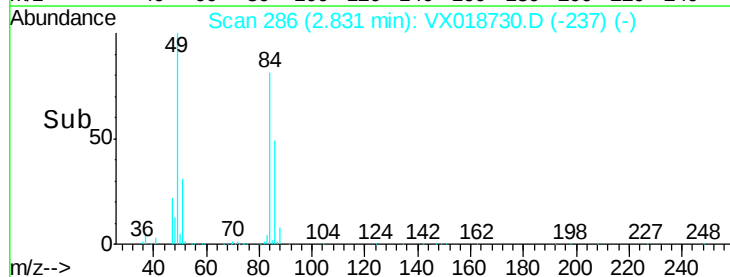
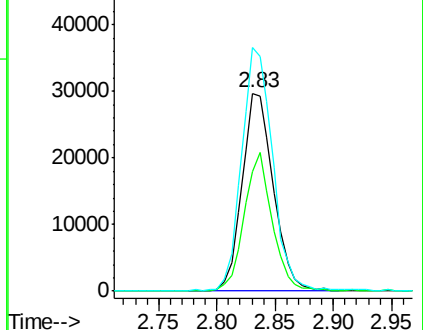
49 123.1 86.2 160.0

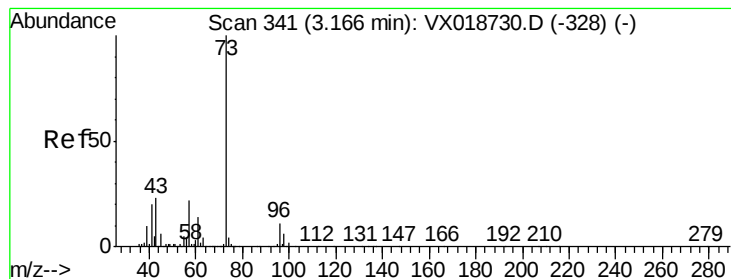


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0





#17

Methyl tert-butyl Ether

Concen: 5.522 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :

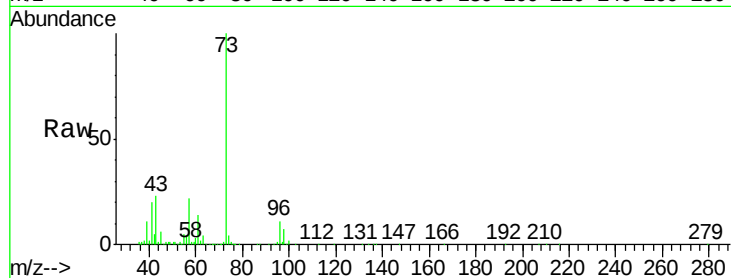
Tgt Ion: 73 Resp: 126679

Ion Ratio Lower Upper

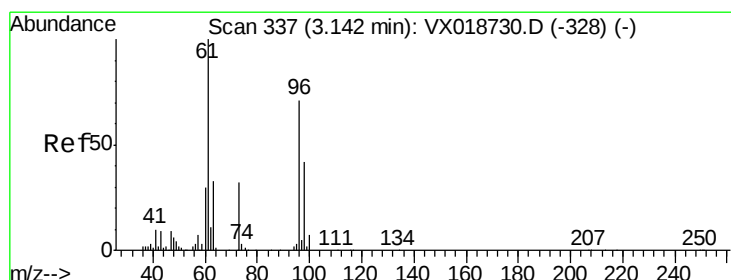
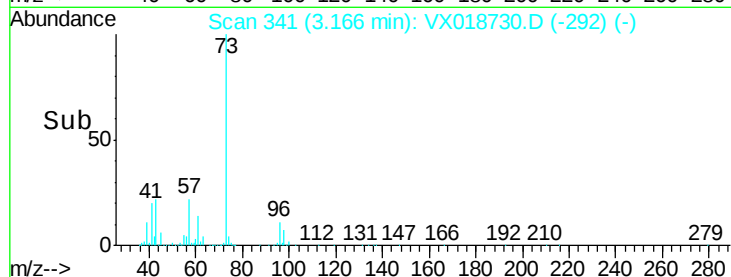
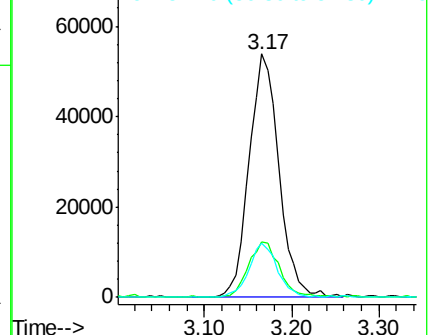
73 100

43 24.0 19.2 28.8

57 21.4 17.1 25.7



Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0



#18

trans-1,2-Dichloroethene

Concen: 5.146 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

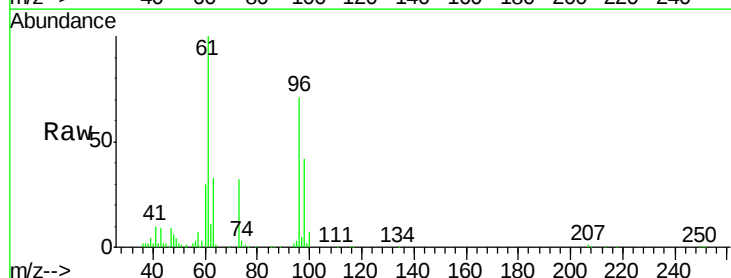
Tgt Ion: 96 Resp: 52262

Ion Ratio Lower Upper

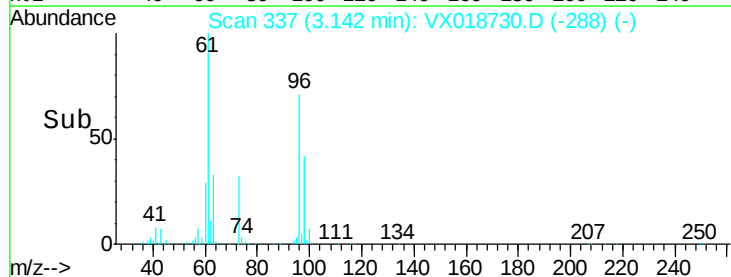
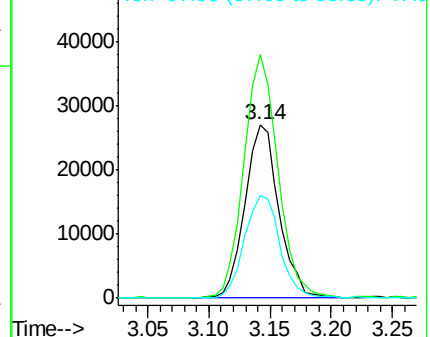
96 100

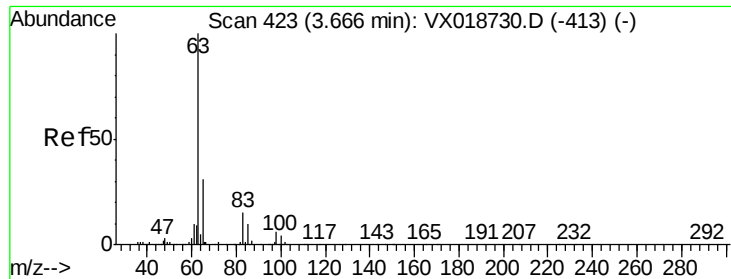
61 140.2 98.1 182.3

98 58.9 41.2 76.6



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

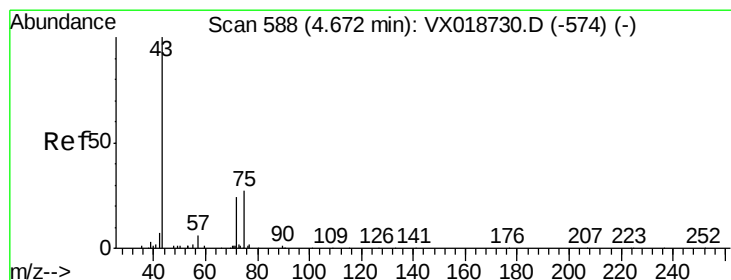
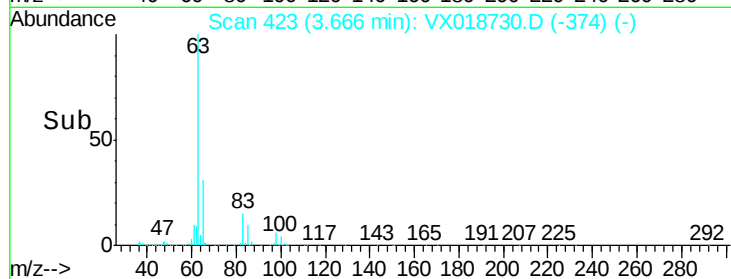
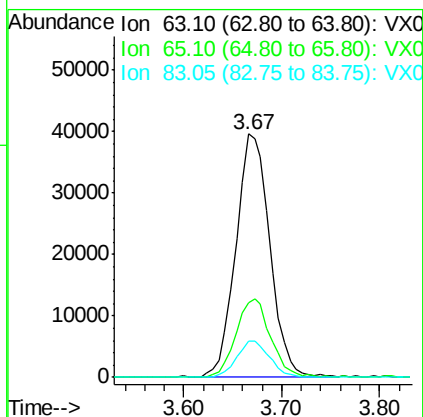
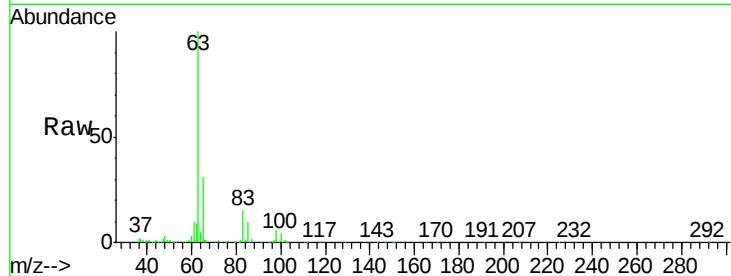




#19
 1,1-Dichloroethane
 Concen: 5.193 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

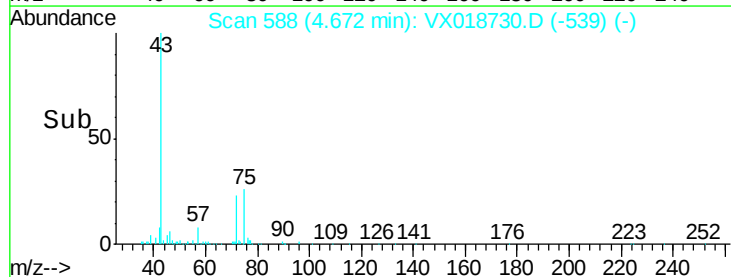
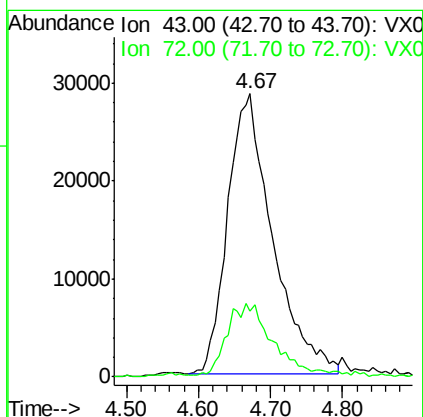
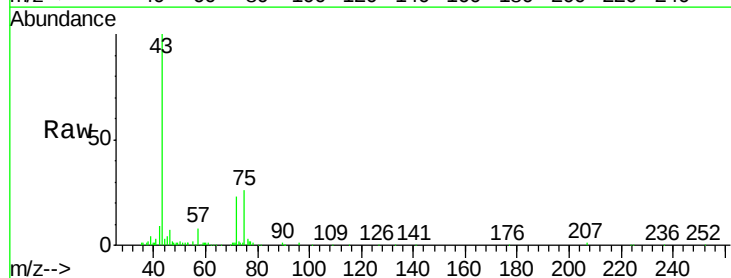
Instrument :
 MSVOA_X
 ClientSampled :

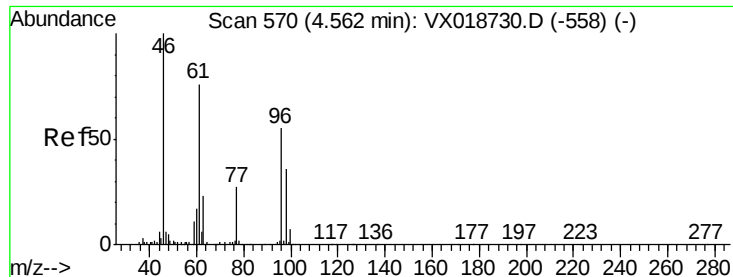
Tgt Ion: 63 Resp: 94695
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.0 40.8
 83 15.0 10.5 19.5



#21
 2-Butanone
 Concen: 51.007 ug/L
 RT: 4.67 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Tgt Ion: 43 Resp: 123748
 Ion Ratio Lower Upper
 43 100
 72 14.8 7.4 22.2





#22

cis-1,2-Dichloroethene

Concen: 5.015 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

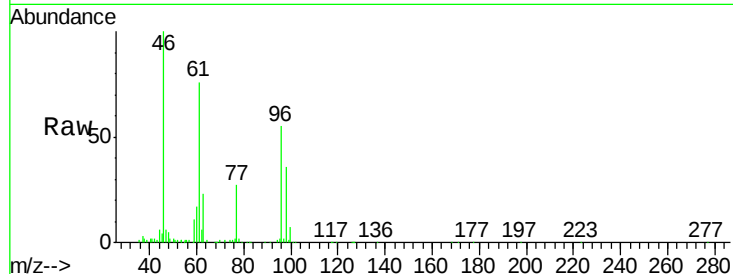
Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 53384

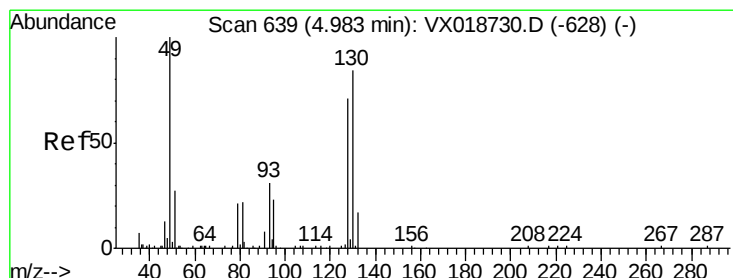
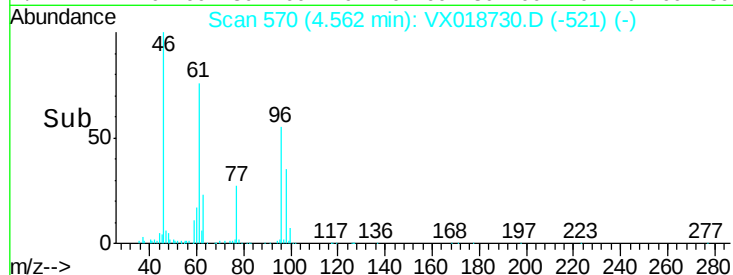
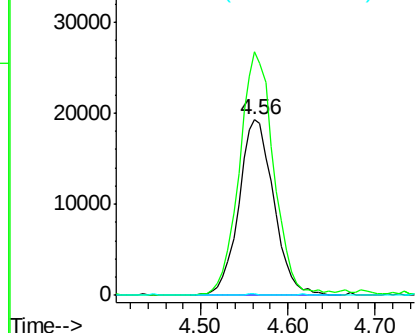
Ion	Ratio	Lower	Upper
96	100		
61	139.0	97.3	180.7
68	0.8	0.6	1.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#23

Bromochloromethane

Concen: 5.180 ug/L

RT: 4.98 min Scan# 639

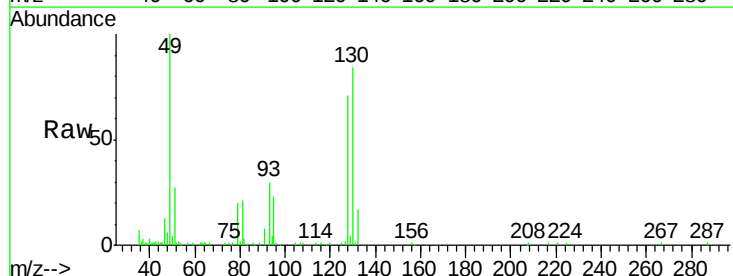
Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Tgt Ion: 128 Resp: 26525

Ion	Ratio	Lower	Upper
128	100		
49	141.8	99.3	184.3
130	118.6	83.0	154.2
51	38.4	30.7	46.1

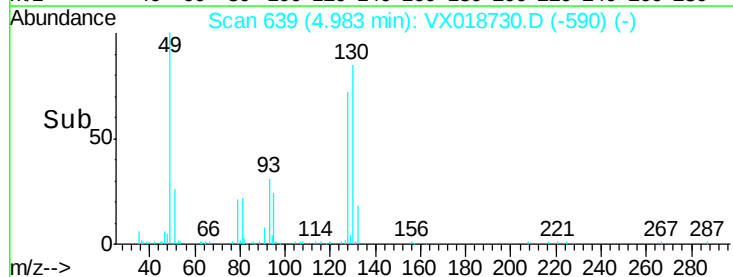
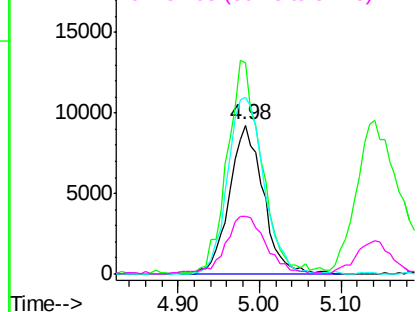


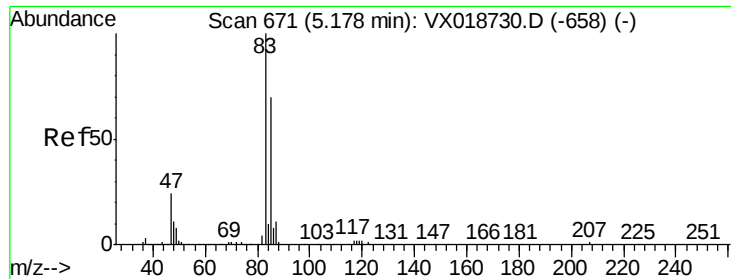
Abundance Ion 127.90 (127.60 to 128.60): V

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: 5.360 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

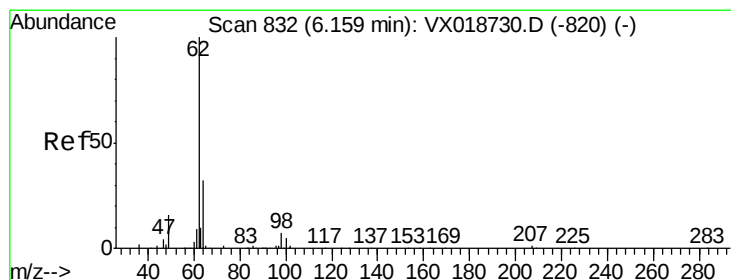
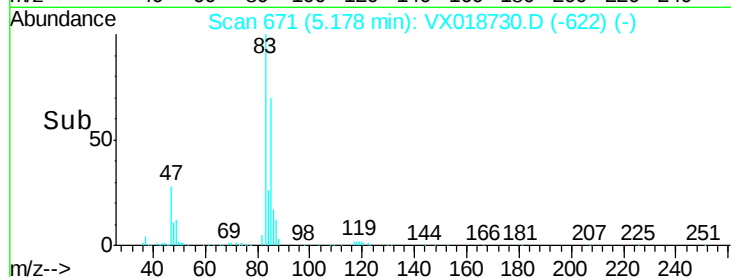
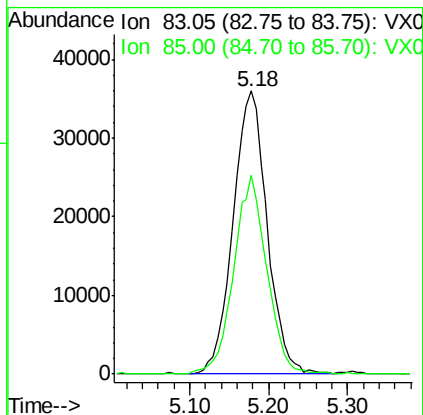
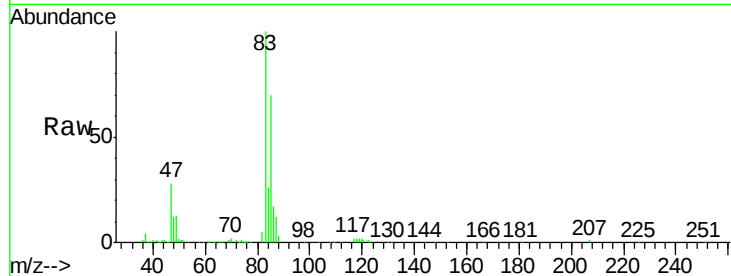
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 108297

Ion Ratio Lower Upper

83 100

85 70.2 49.1 91.3



#27

1,2-Dichloroethane

Concen: 5.945 ug/L

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018730.D

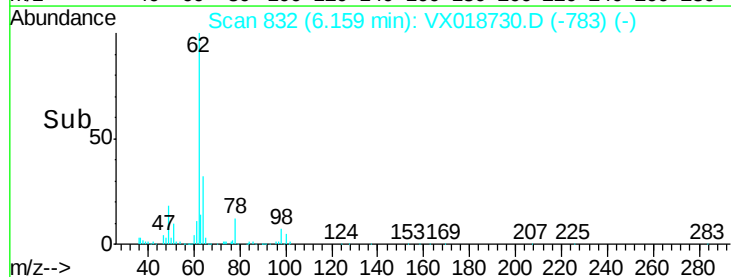
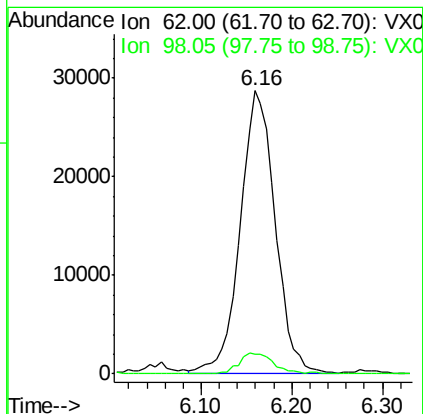
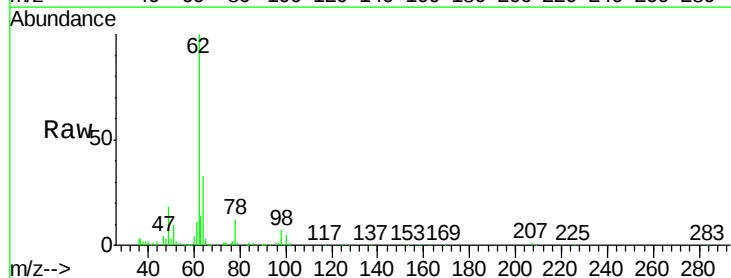
Acq: 01 Oct 2020 16:33

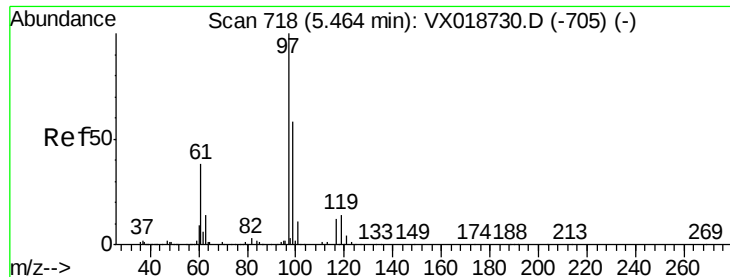
Tgt Ion: 62 Resp: 76855

Ion Ratio Lower Upper

62 100

98 6.8 5.4 8.2

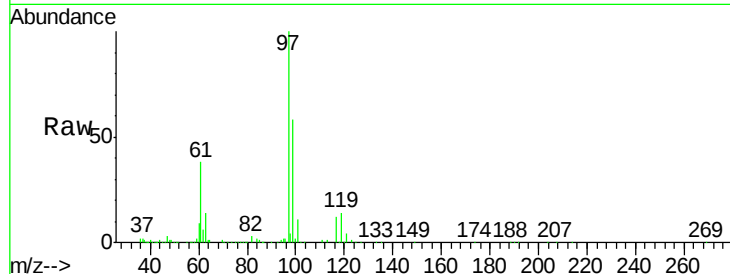




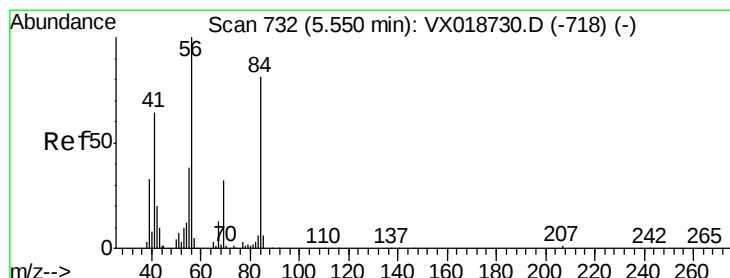
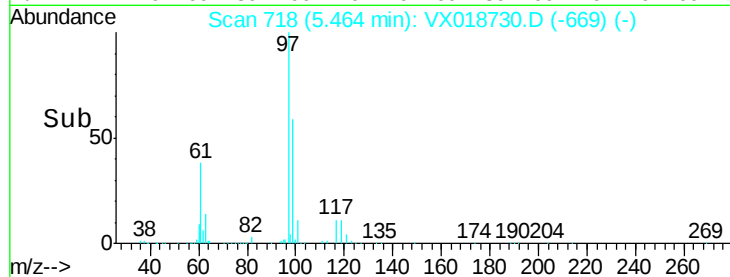
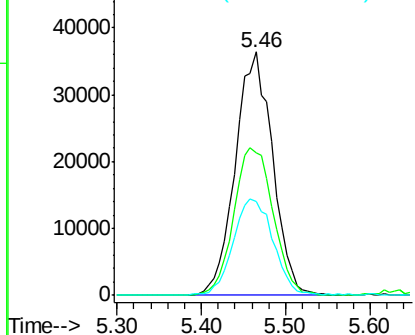
#29
 1,1,1-Trichloroethane
 Concen: 5.597 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	42.4	33.9	50.9

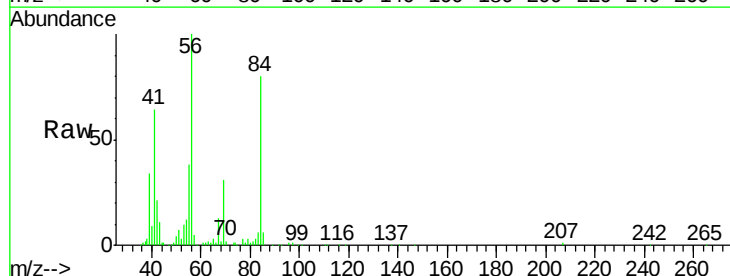


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 61.05 (60.75 to 61.75): VX0

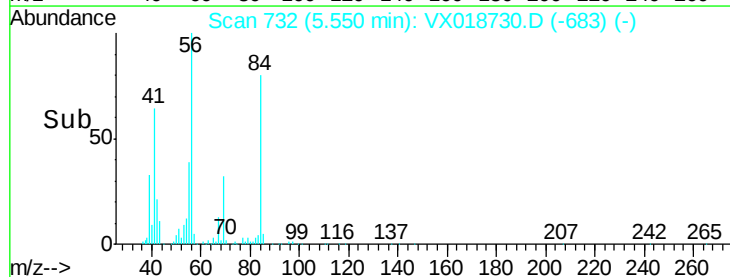
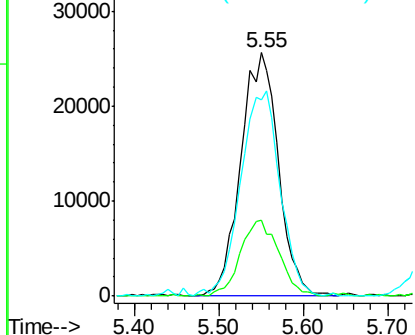


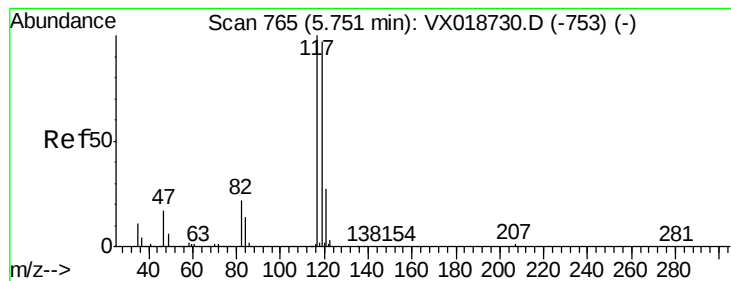
#30
 Cyclohexane
 Concen: 5.030 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.8	38.8
84	89.2	71.4	107.0



Abundance Ion 56.10 (55.80 to 56.80): VX0
 Ion 69.15 (68.85 to 69.85): VX0
 Ion 84.15 (83.85 to 84.85): VX0





#31

Carbon tetrachloride

Concen: 5.534 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

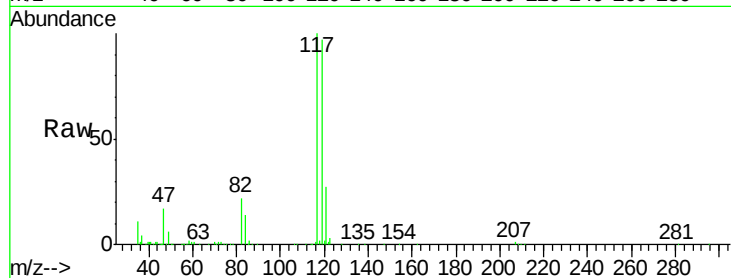
ClientSampleId :

Tgt Ion:117 Resp: 99492

Ion Ratio Lower Upper

117 100

119 99.1 79.3 118.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.75

40000

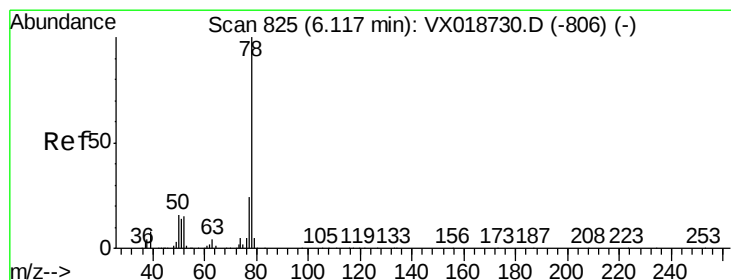
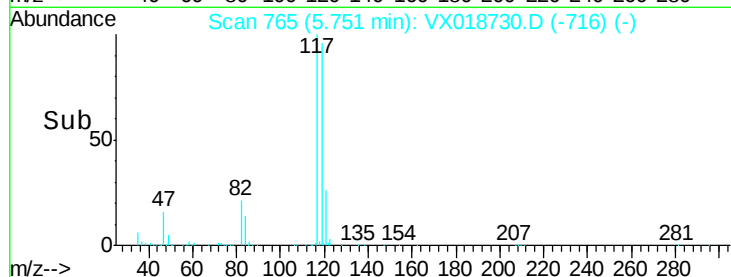
30000

20000

10000

0

Time--> 5.60 5.70 5.80 5.90



#33

Benzene

Concen: 5.260 ug/L

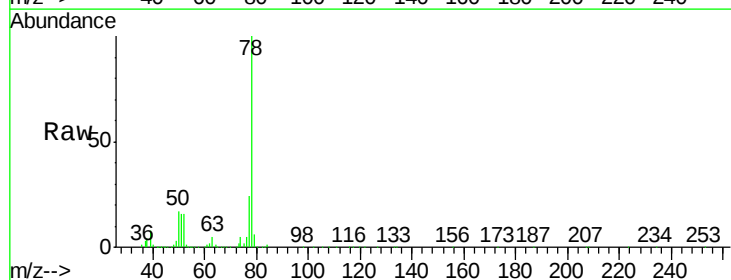
RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Tgt Ion: 78 Resp: 204118



Abundance Ion 78.10 (77.80 to 78.80): VX0

6.12

80000

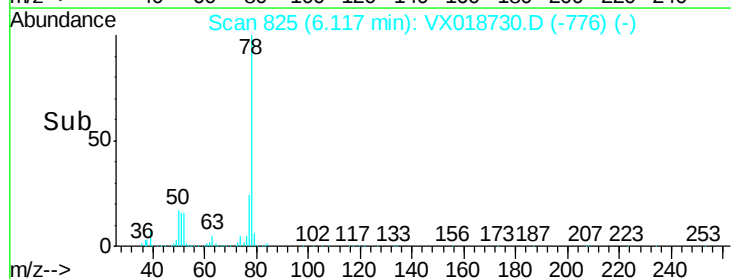
60000

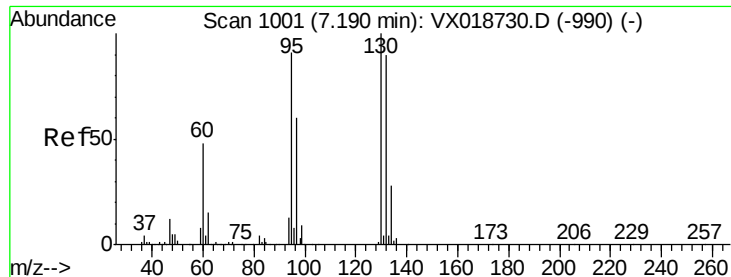
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

Trichloroethene

Concen: 5.386 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 60841

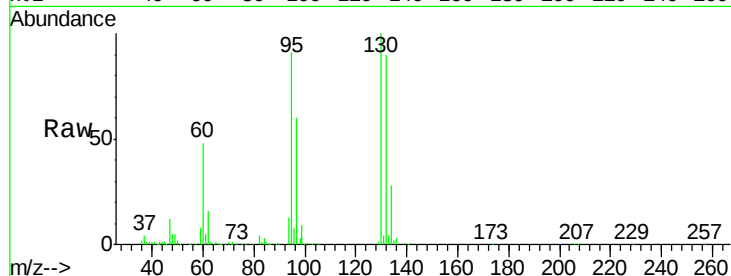
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.2

132 98.9 69.2 128.6

130 109.7 76.8 142.6

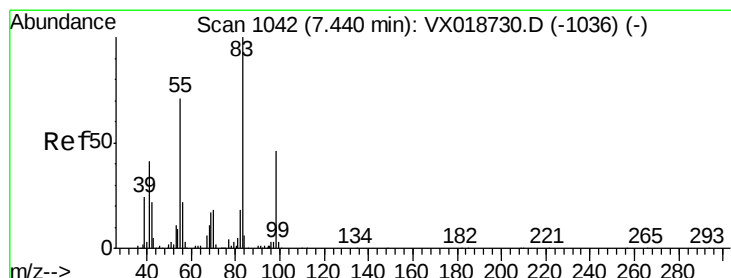
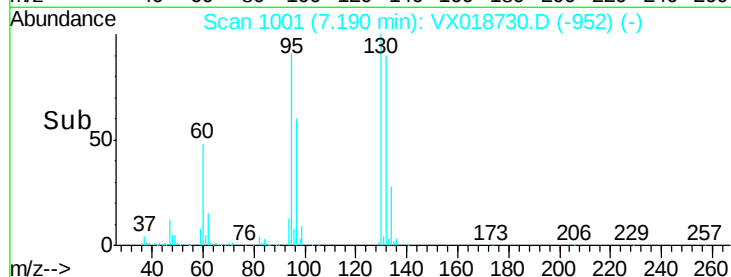
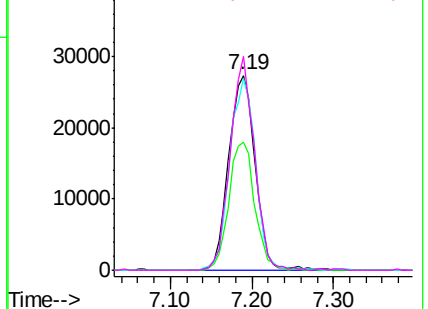


Abundance Ion 95.00 (94.70 to 95.70): VX0

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



#35

Methylcyclohexane

Concen: 5.154 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

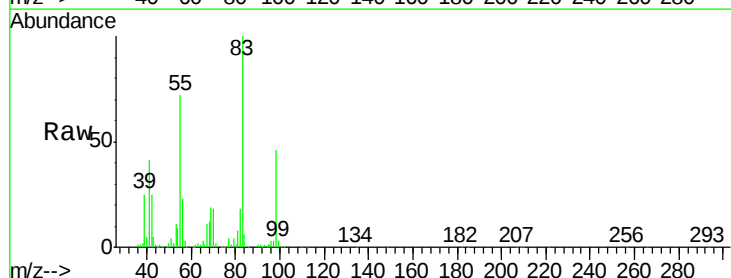
Tgt Ion: 83 Resp: 80881

Ion Ratio Lower Upper

83 100

55 78.4 62.7 94.1

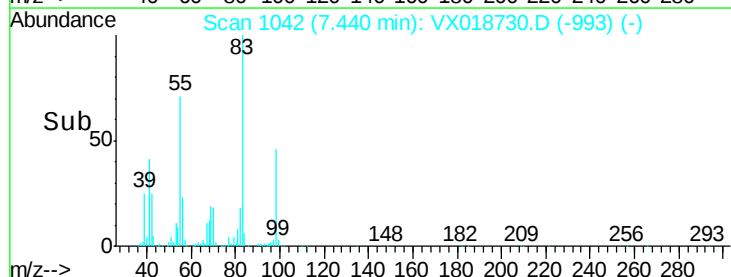
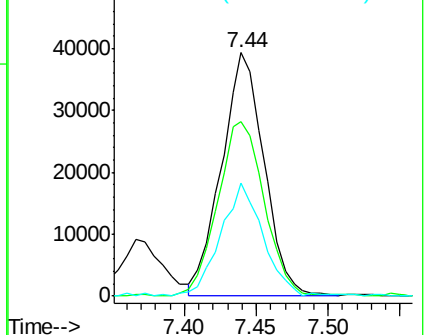
98 46.5 37.2 55.8

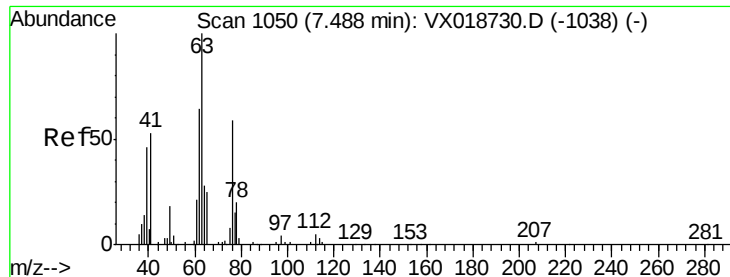


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

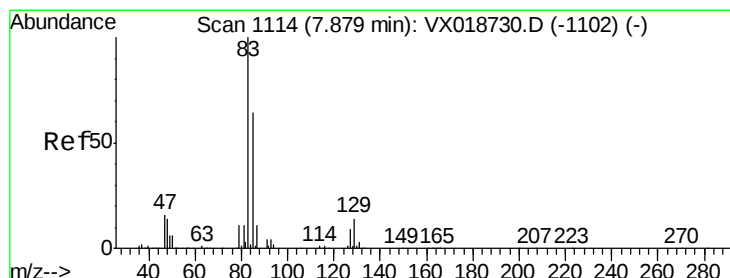
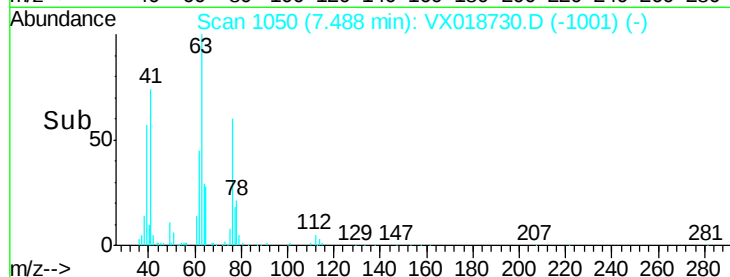
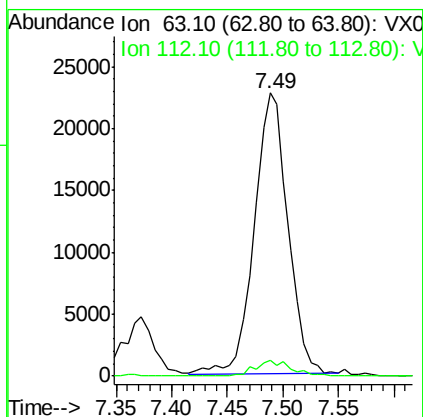
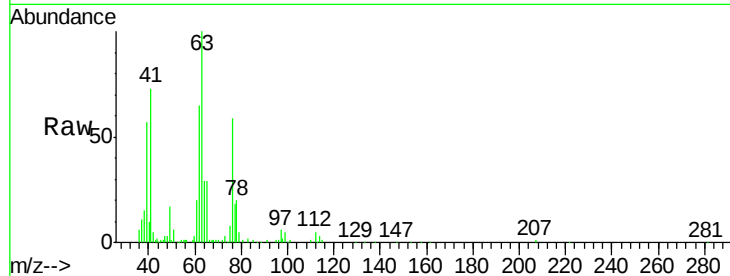




#37
 1,2-Dichloropropane
 Concen: 4.725 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

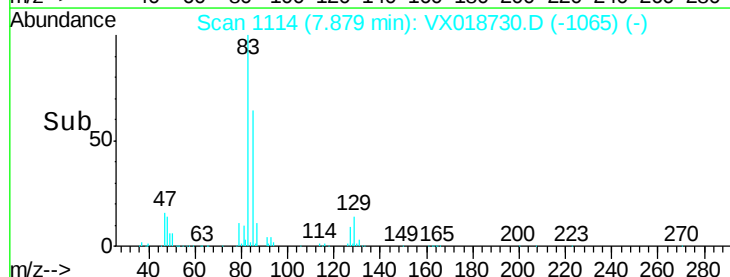
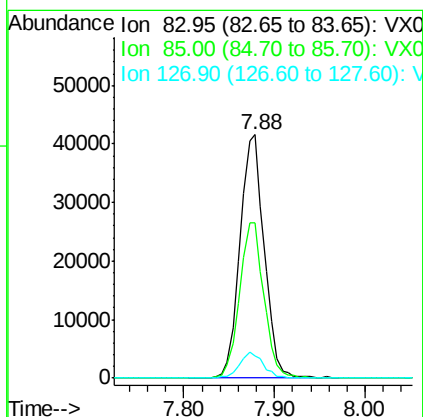
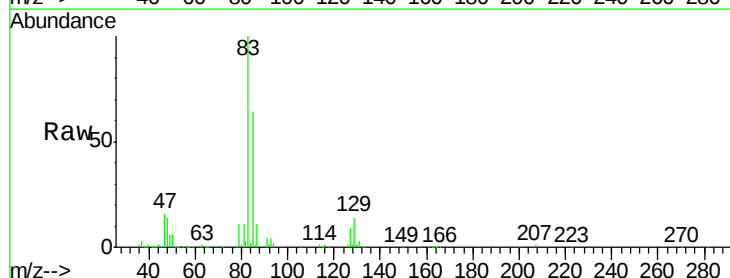
Instrument :
 MSVOA_X
 ClientSampled :

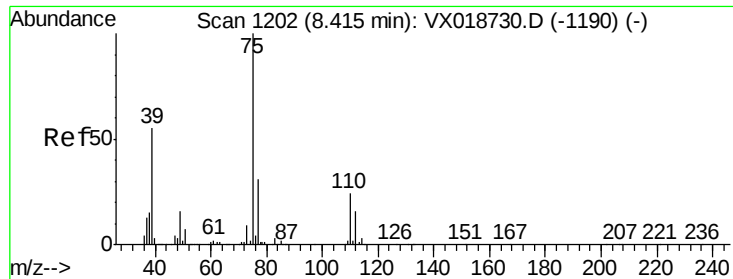
Tgt Ion: 63 Resp: 47973
 Ion Ratio Lower Upper
 63 100
 112 6.0 4.8 7.2



#38
 Bromodichloromethane
 Concen: 5.454 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Tgt Ion: 83 Resp: 77018
 Ion Ratio Lower Upper
 83 100
 85 64.0 44.8 83.2
 127 9.2 7.4 11.0



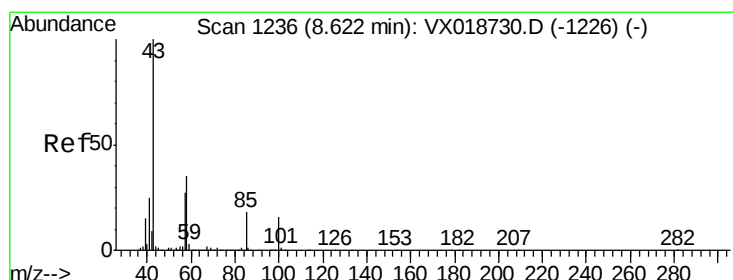
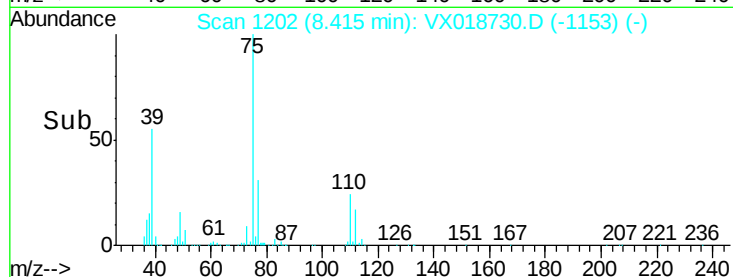
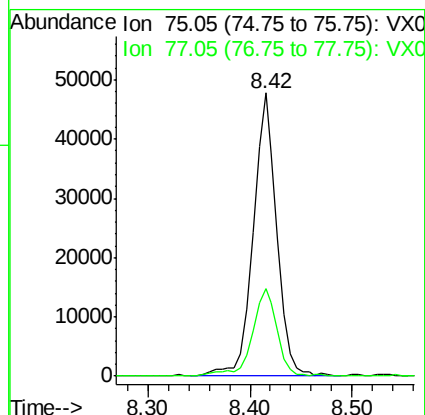
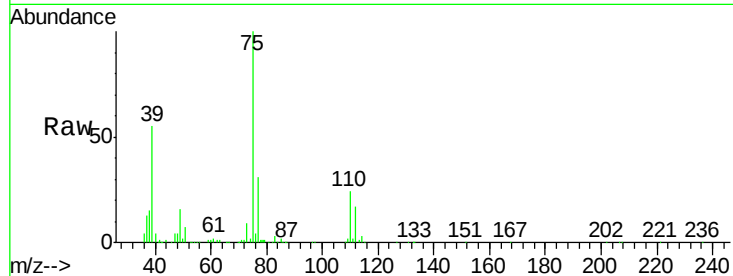


#39

cis-1,3-Dichloropropene
 Concen: 5.193 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Instrument :
 MSVOA_X
 ClientSampled :

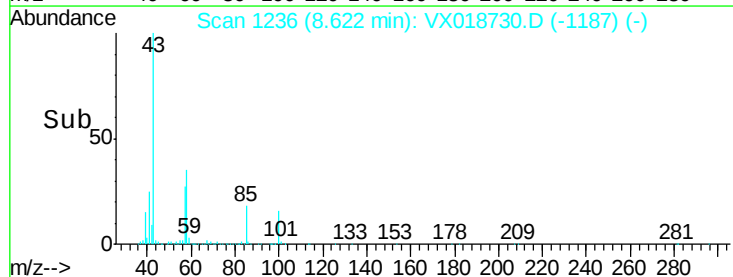
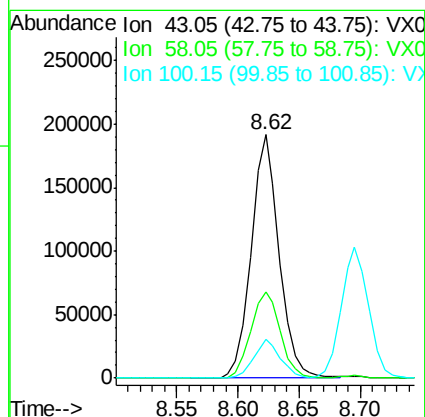
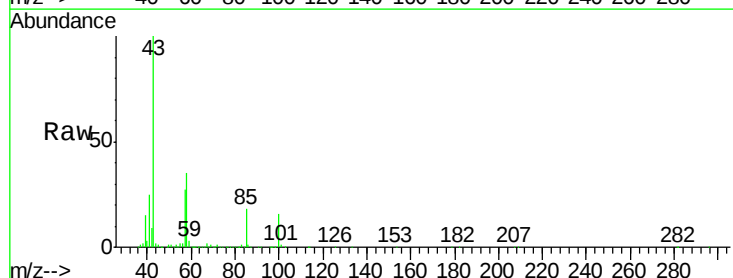
Tgt Ion: 75 Resp: 76466
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.8 40.4

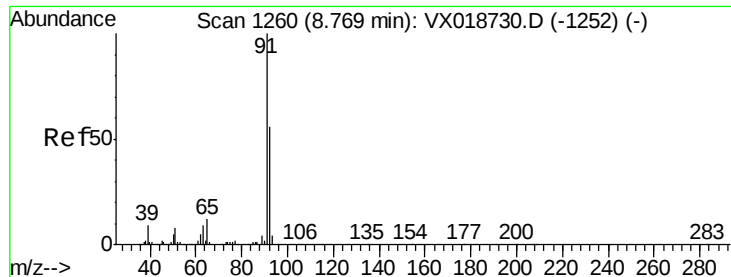


#40

4-Methyl-2-pentanone
 Concen: 53.091 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Tgt Ion: 43 Resp: 303230
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.1 45.1
 100 15.3 12.2 18.4





#42

Toluene

Concen: 5.334 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

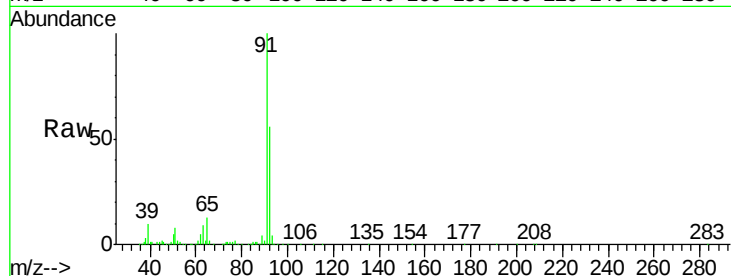
ClientSampleId :

Tgt Ion: 91 Resp: 223549

Ion Ratio Lower Upper

91 100

92 56.3 39.4 73.2



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.77

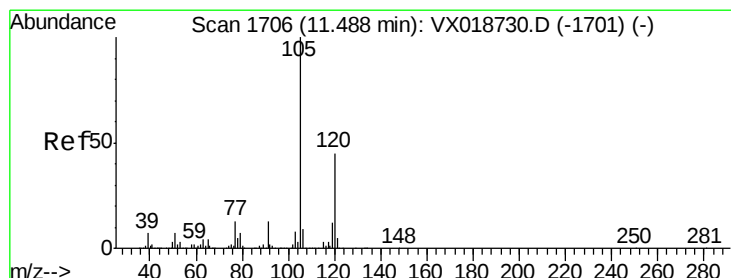
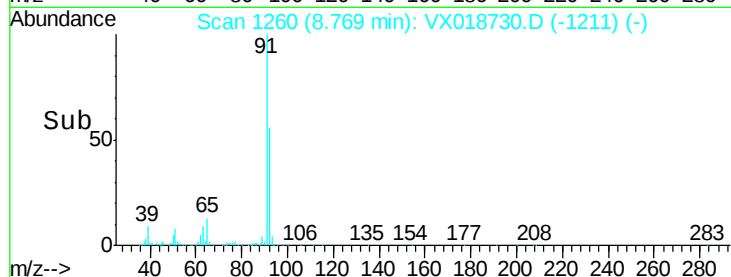
150000

100000

50000

0

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 5.632 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018730.D

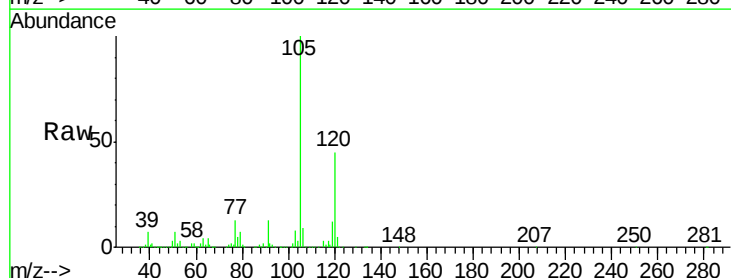
Acq: 01 Oct 2020 16:33

Tgt Ion: 105 Resp: 209216

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

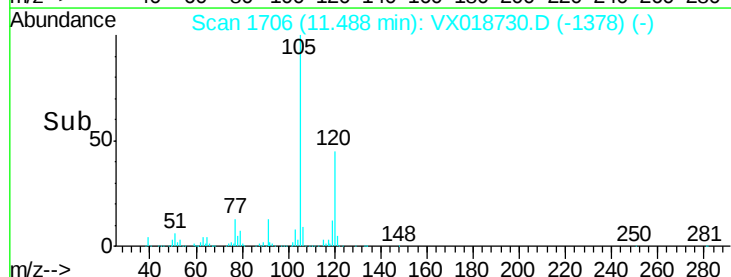
150000

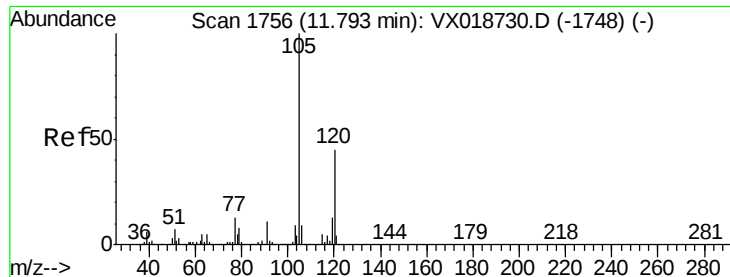
100000

50000

0

Time-->

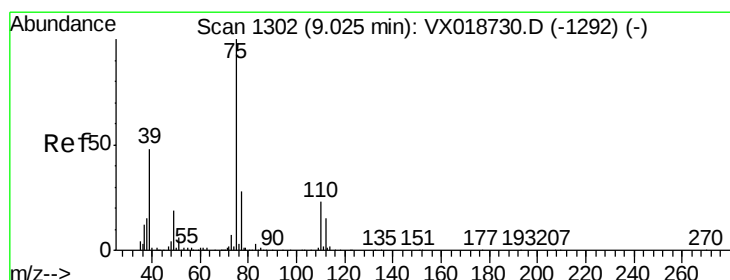
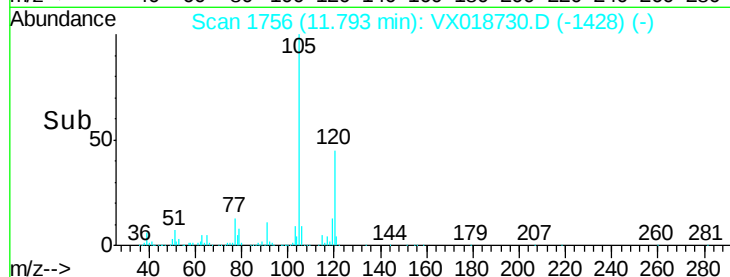
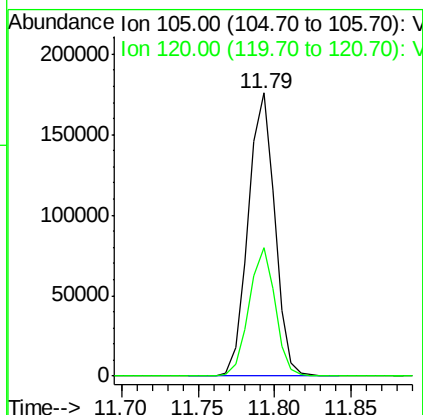
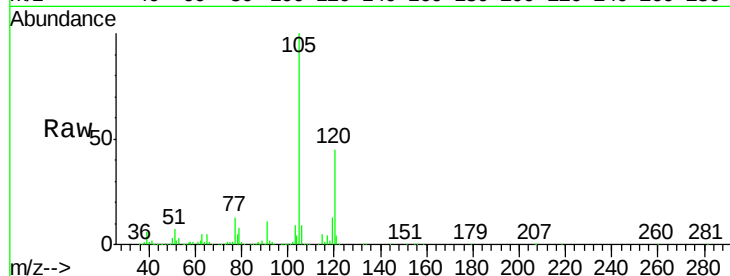




#44
 1,2,4-Trimethylbenzene
 Concen: 5.698 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

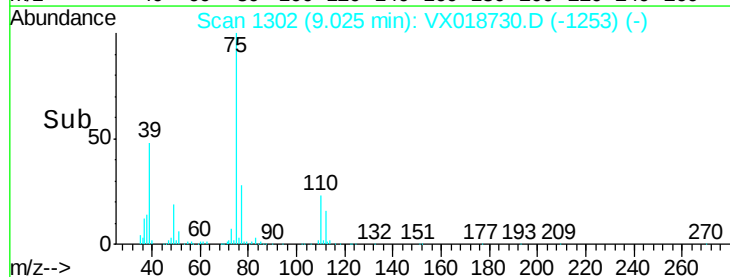
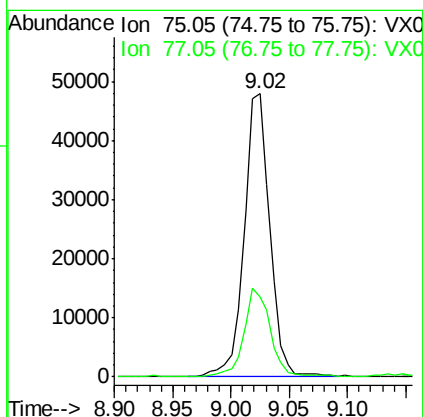
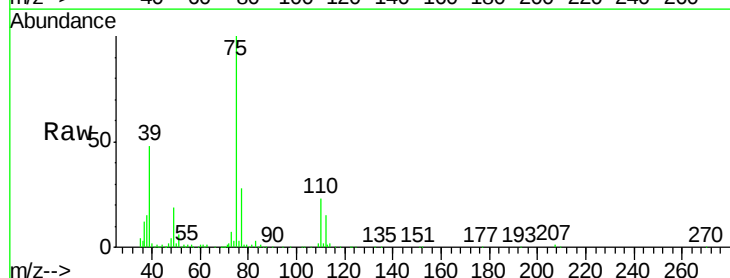
Instrument :
 MSVOA_X
 ClientSampleId :

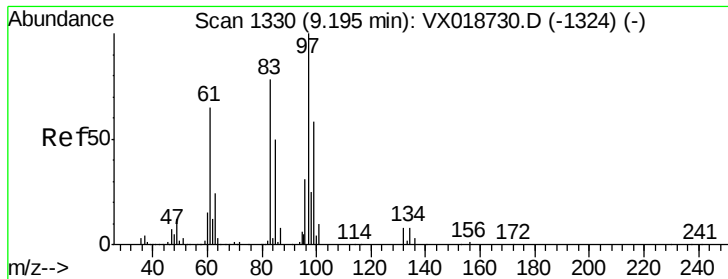
Tgt Ion: 105 Resp: 212417
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.8 53.6



#46
 trans-1,3-Dichloropropene
 Concen: 5.453 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Tgt Ion: 75 Resp: 73719
 Ion Ratio Lower Upper
 75 100
 77 28.2 19.7 36.7

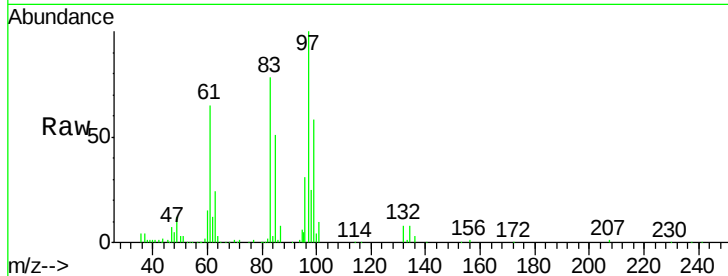




#47
 1,1,2-Trichloroethane
 Concen: 5.045 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:	97	Resp:	37393
Ion	Ratio	Lower	Upper
97	100		
99	58.3	40.8	75.8
83	77.8	54.5	101.1
85	51.0	35.7	66.3



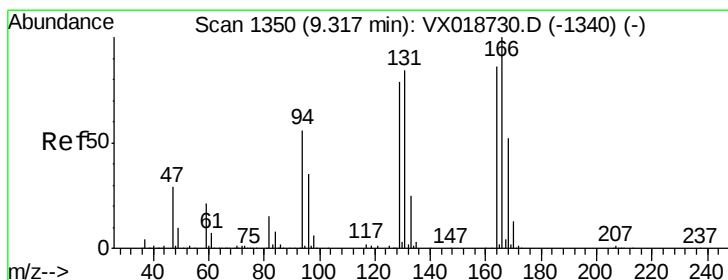
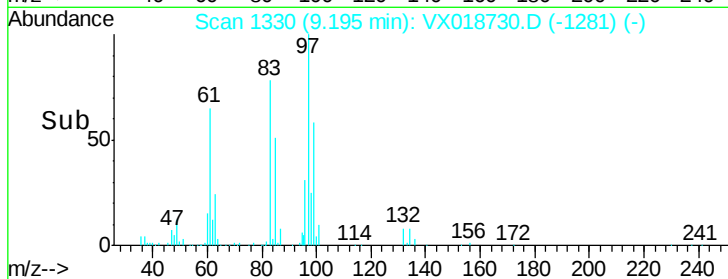
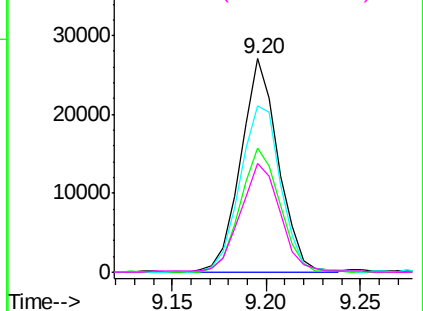
Abundance

Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

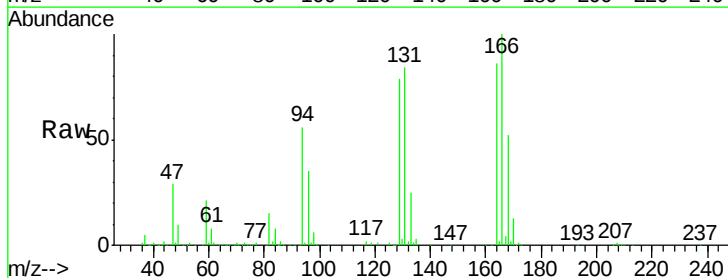
Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49
 Tetrachloroethene
 Concen: 5.750 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Tgt Ion:	164	Resp:	51922
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.1	119.1
131	97.6	68.3	126.9
166	116.1	81.3	150.9



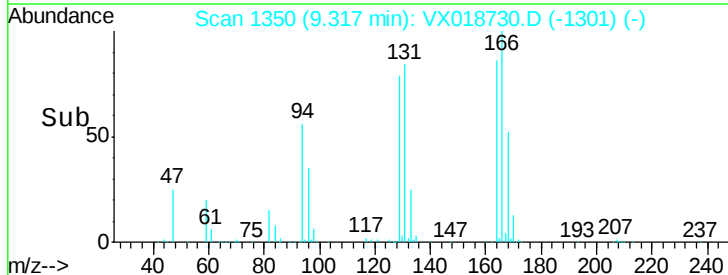
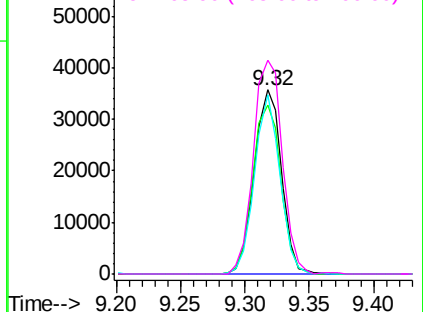
Abundance

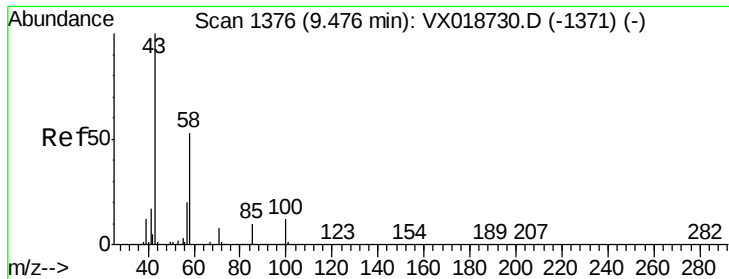
Ion 163.90 (163.60 to 164.60): V

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

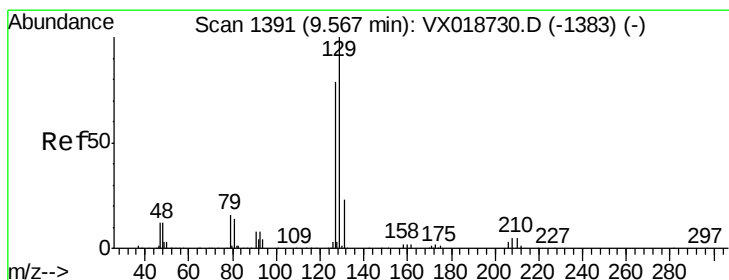
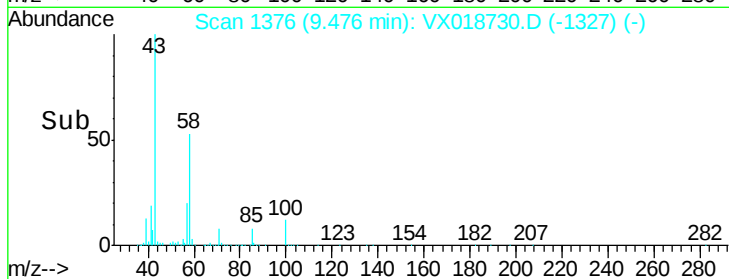
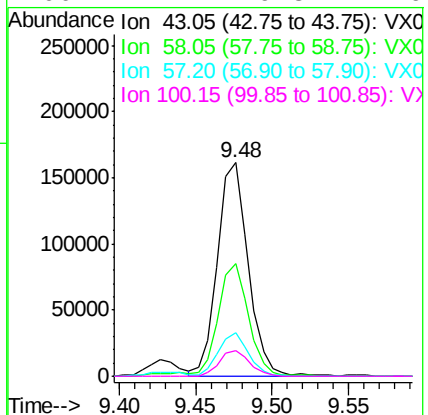
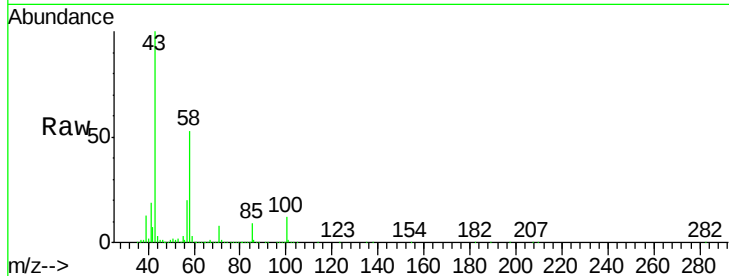




#50
2-Hexanone
Concen: 55.349 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018730.D
Acq: 01 Oct 2020 16:33

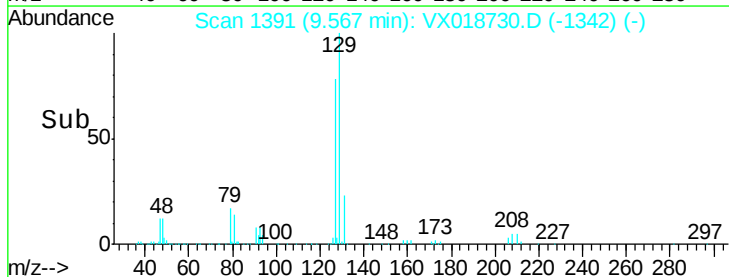
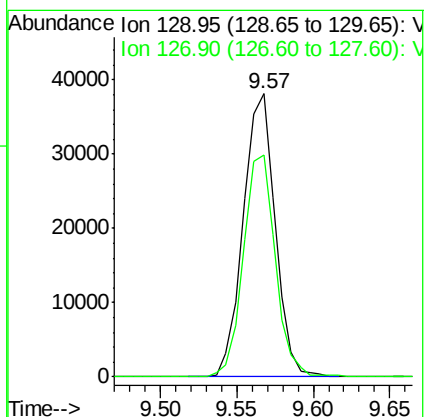
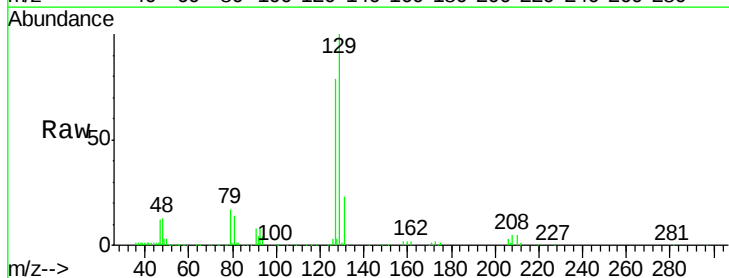
Instrument :
MSVOA_X
ClientSampled :

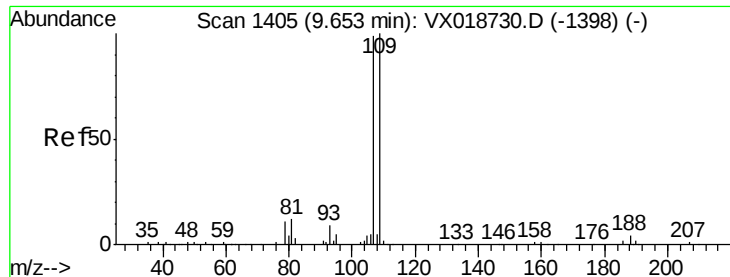
Tgt Ion:	43	Resp:	224445
Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.4	65.2
57	20.3	16.2	24.4
100	12.2	9.8	14.6



#51
Dibromochloromethane
Concen: 5.573 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018730.D
Acq: 01 Oct 2020 16:33

Tgt Ion:	129	Resp:	55452
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.9	102.1





#52

1,2-Dibromoethane

Concen: 5.332 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

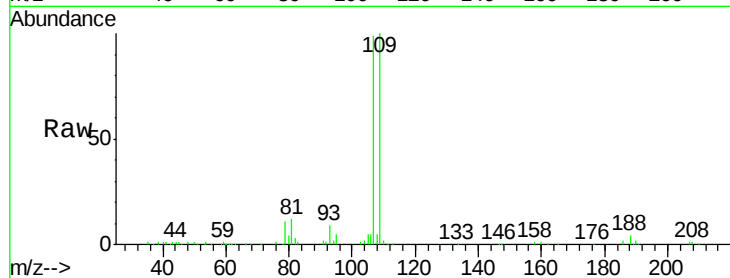
Tgt Ion:107 Resp: 36612

Ion Ratio Lower Upper

107 100

109 100.9 70.6 131.2

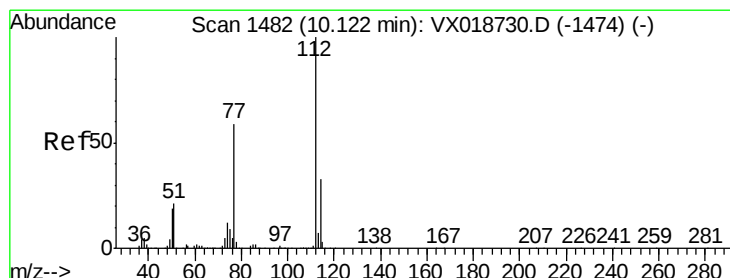
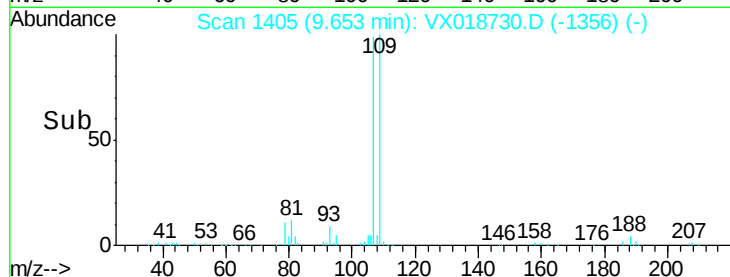
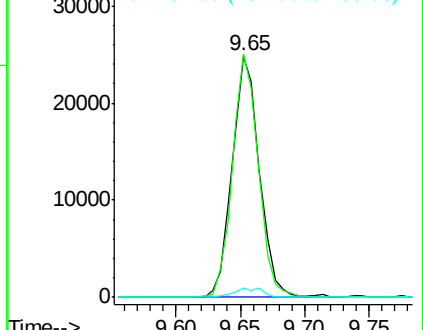
188 3.8 3.0 4.6



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: 5.282 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

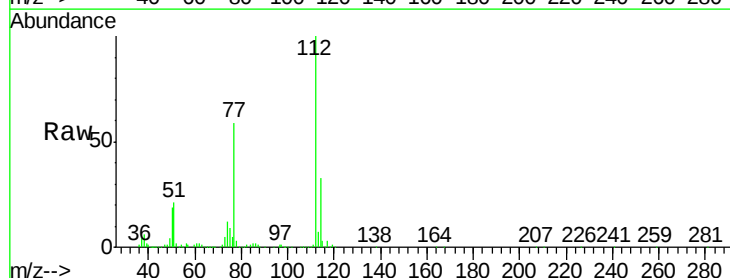
Tgt Ion:112 Resp: 145964

Ion Ratio Lower Upper

112 100

114 33.3 23.3 43.3

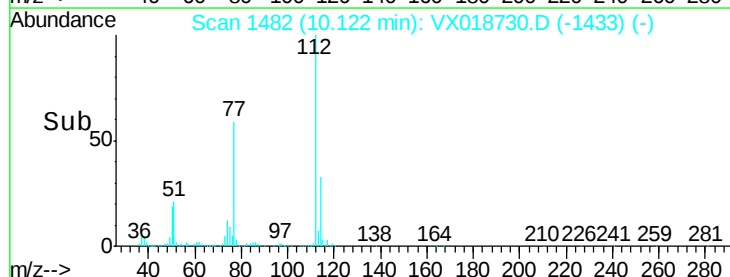
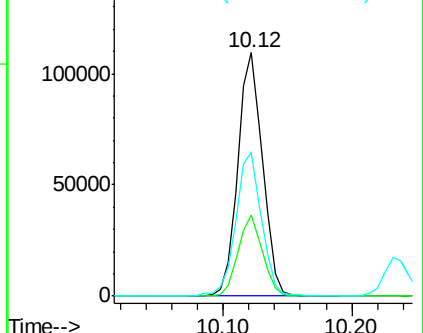
77 59.3 47.4 71.2

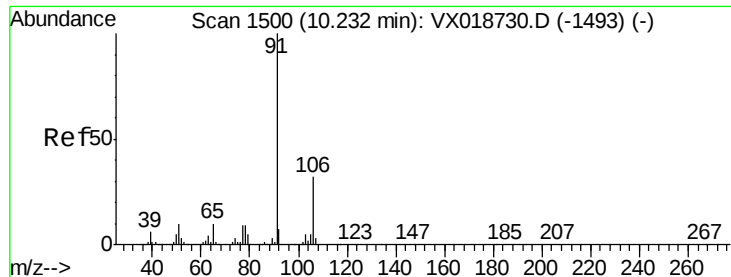


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 5.421 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

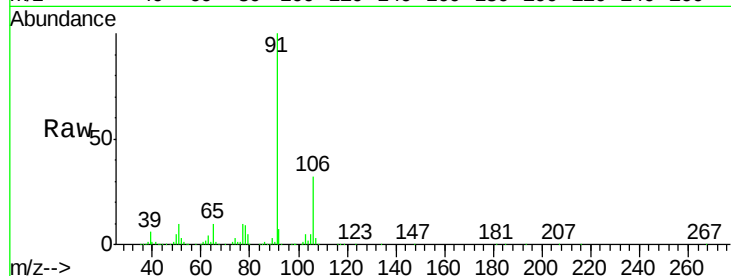
ClientSampleId :

Tgt Ion: 91 Resp: 248544

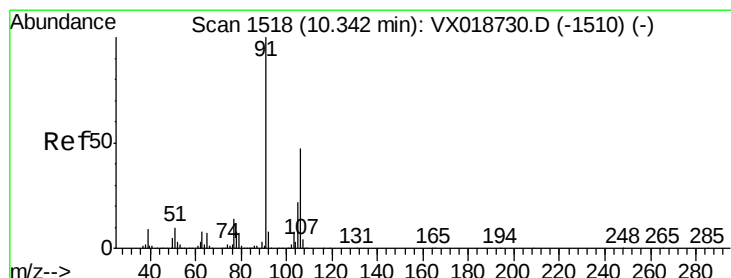
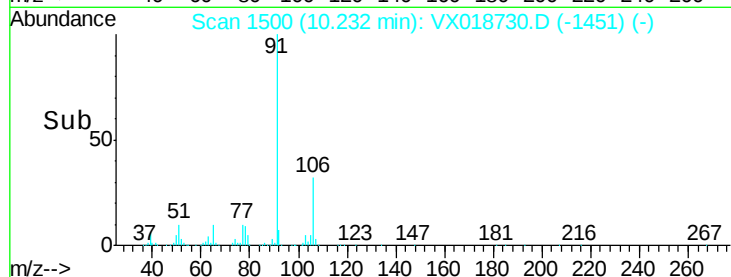
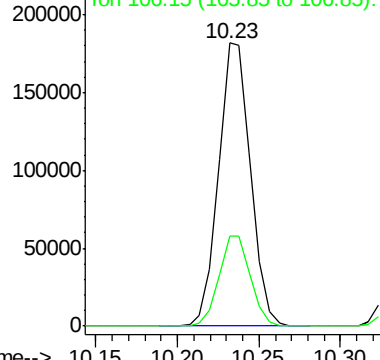
Ion Ratio Lower Upper

91 100

106 32.0 22.4 41.6



Abundance Ion 91.15 (90.85 to 91.85): VX0



#55

m,p-xylene

Concen: 5.445 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018730.D

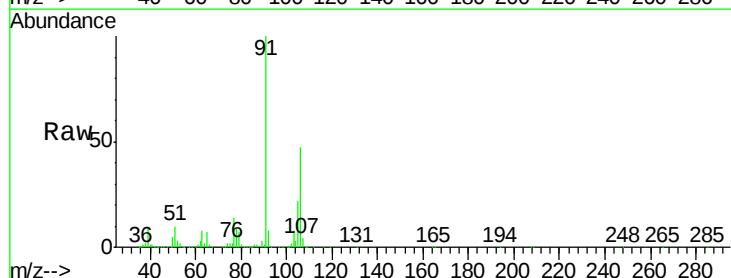
Acq: 01 Oct 2020 16:33

Tgt Ion: 106 Resp: 95947

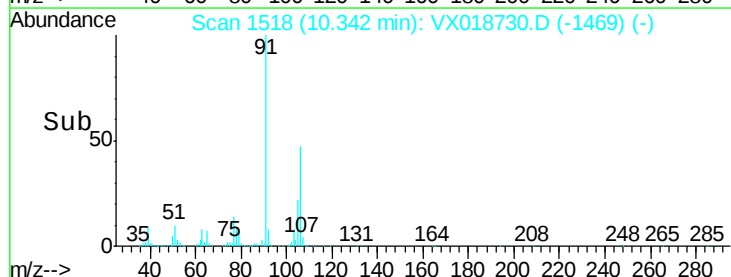
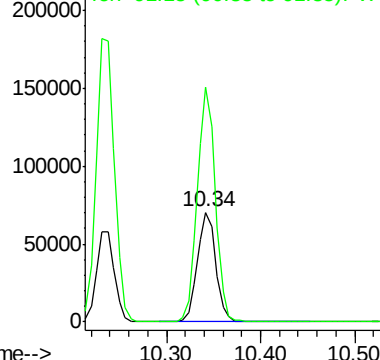
Ion Ratio Lower Upper

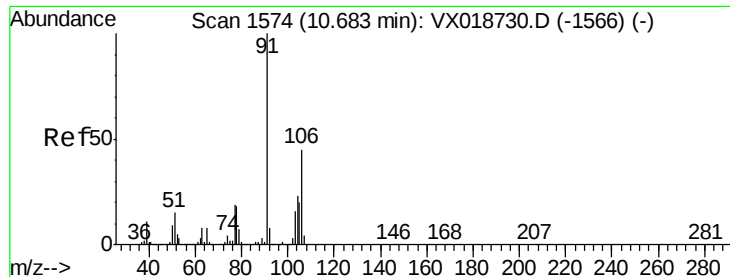
106 100

91 214.0 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

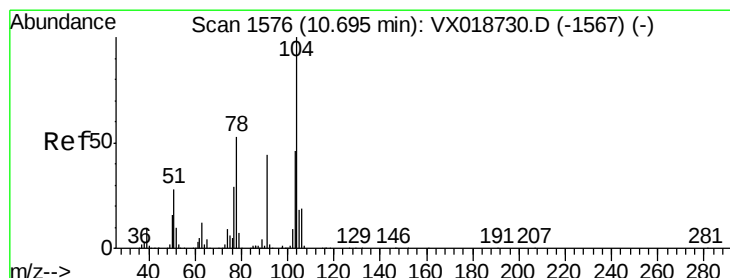
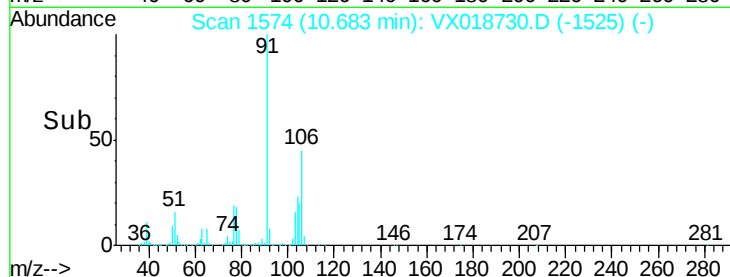
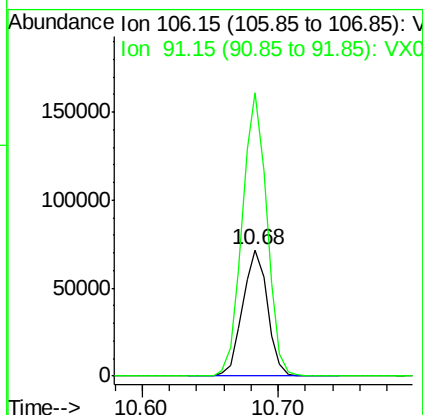
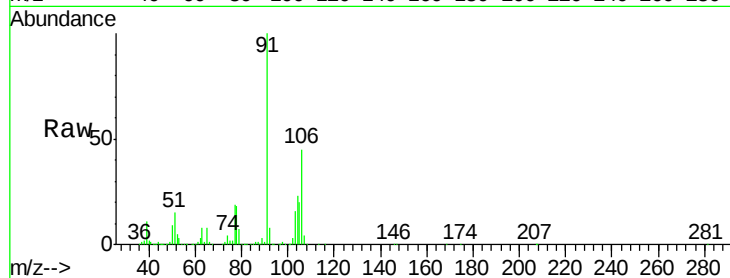




#56
o-xylene
Concen: 5.504 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018730.D
Acq: 01 Oct 2020 16:33

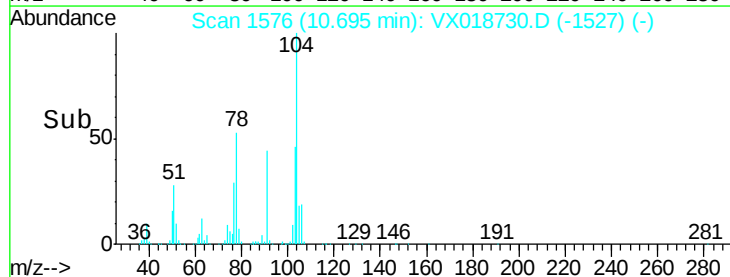
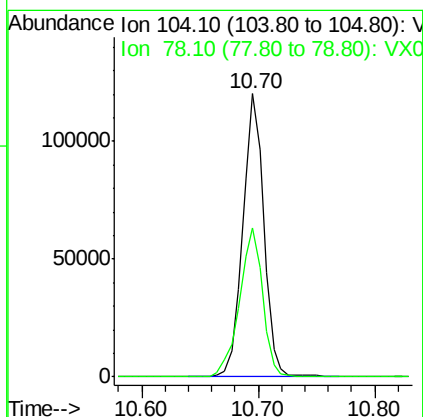
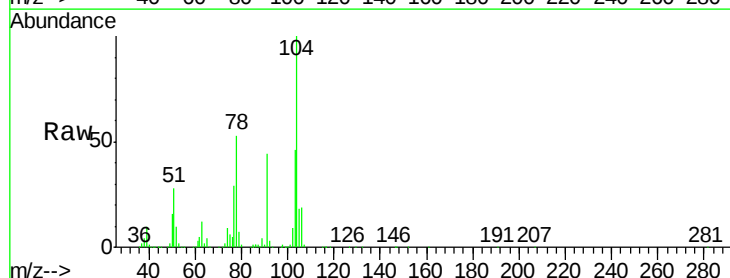
Instrument :
MSVOA_X
ClientSampleId :

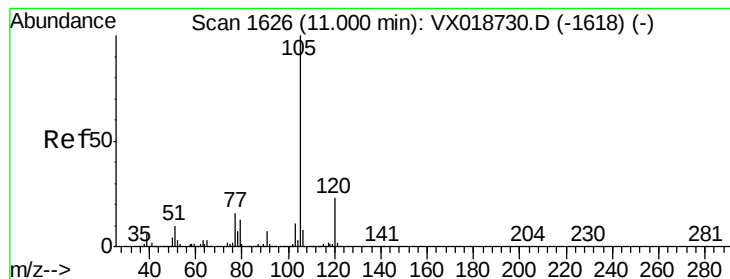
Tgt Ion:106 Resp: 91696
Ion Ratio Lower Upper
106 100
91 224.0 156.8 291.2



#57
Styrene
Concen: 5.563 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018730.D
Acq: 01 Oct 2020 16:33

Tgt Ion:104 Resp: 152269
Ion Ratio Lower Upper
104 100
78 52.9 37.0 68.8





#58

Isopropylbenzene

Concen: 5.748 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

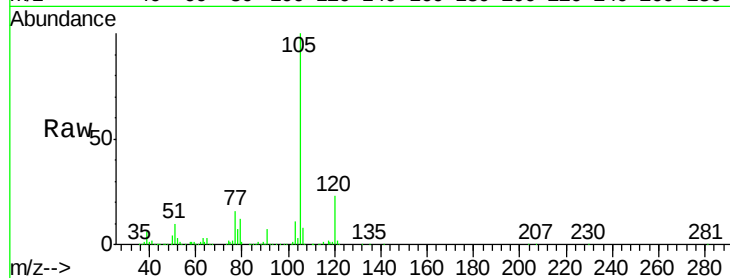
Tgt Ion: 105 Resp: 258448

Ion Ratio Lower Upper

105 100

120 24.3 19.4 29.2

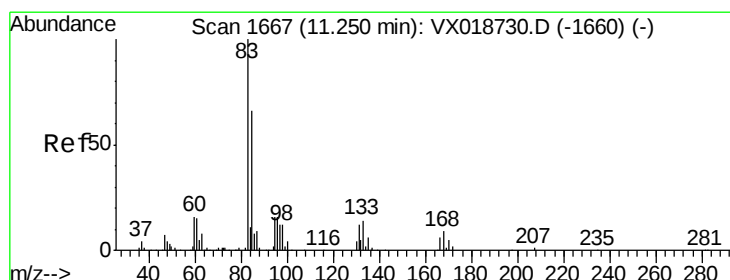
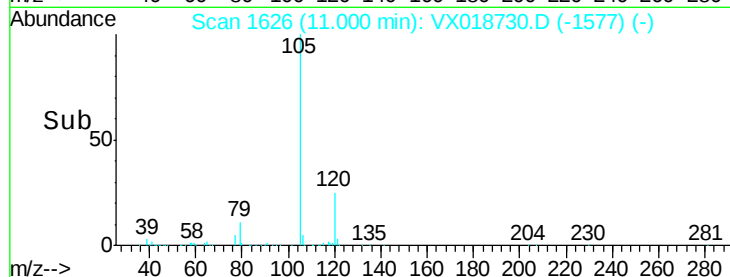
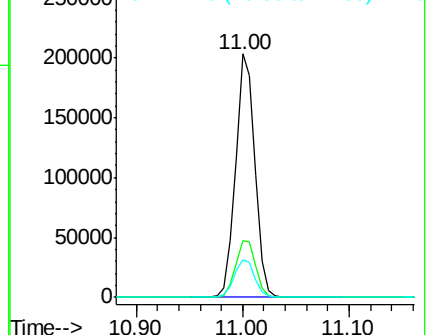
77 16.4 13.1 19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 5.241 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

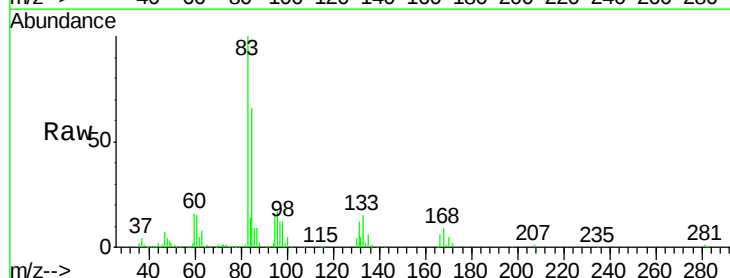
Tgt Ion: 83 Resp: 43712

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2

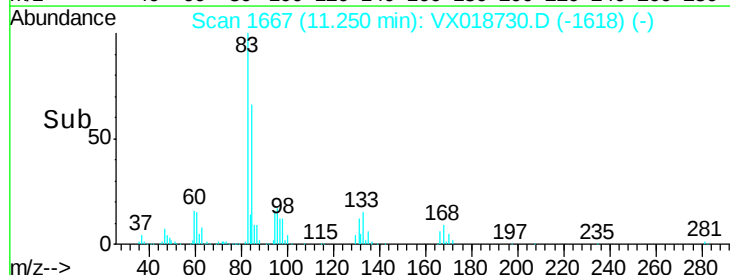
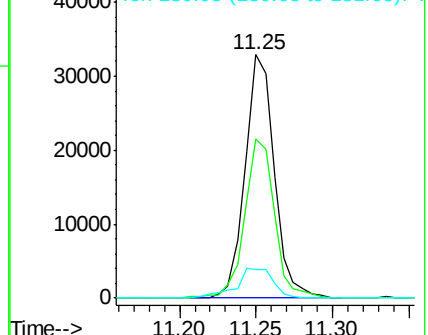
131 12.0 9.6 14.4

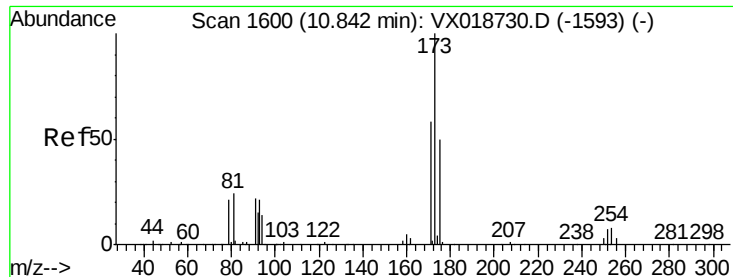


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.631 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

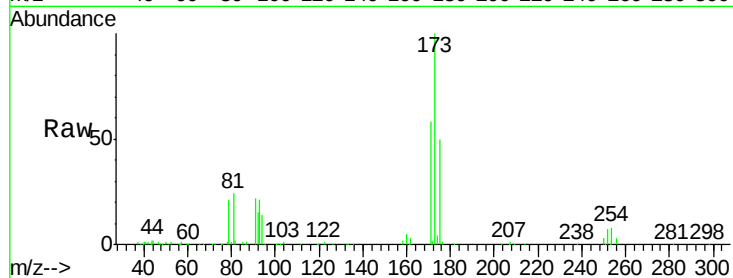
Tgt Ion:173 Resp: 32549

Ion Ratio Lower Upper

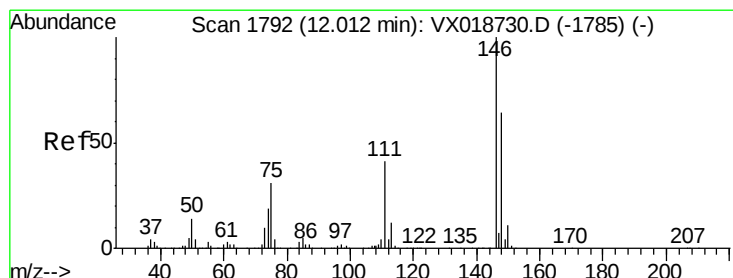
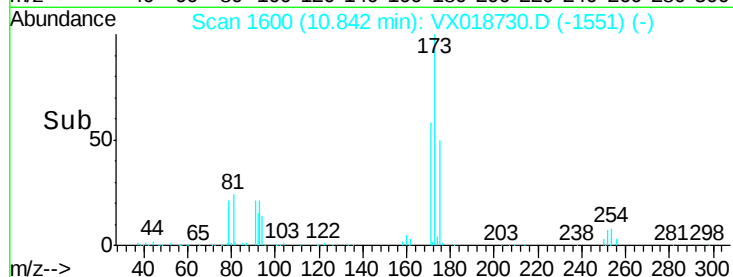
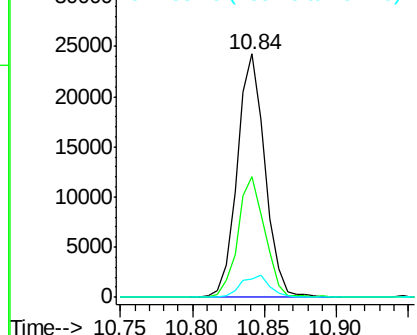
173 100

175 48.7 39.0 58.4

254 9.2 7.4 11.0



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: 5.299 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

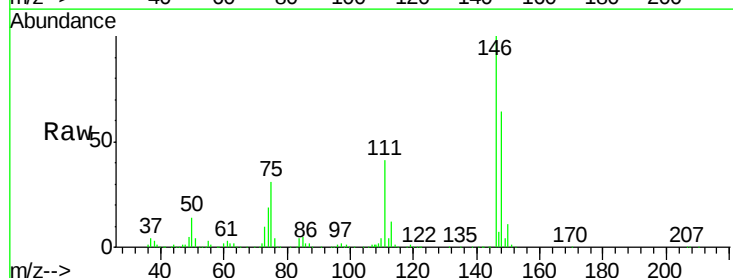
Tgt Ion:146 Resp: 122713

Ion Ratio Lower Upper

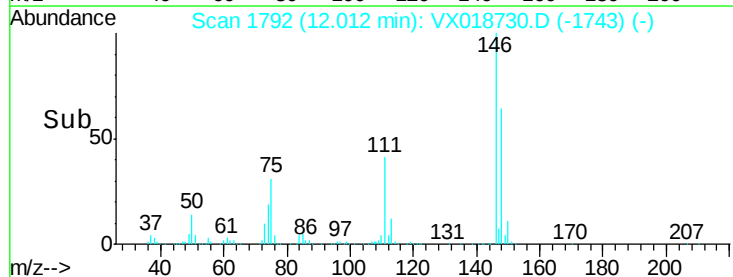
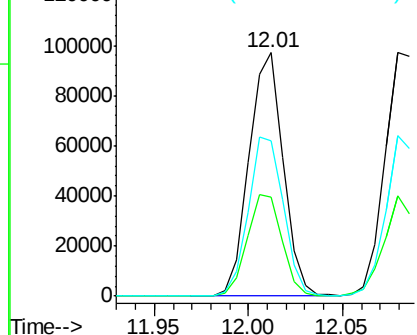
146 100

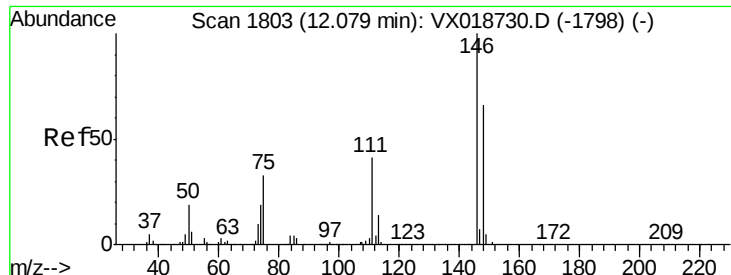
111 40.5 28.3 52.7

148 63.7 44.6 82.8



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: 5.324 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018730.D

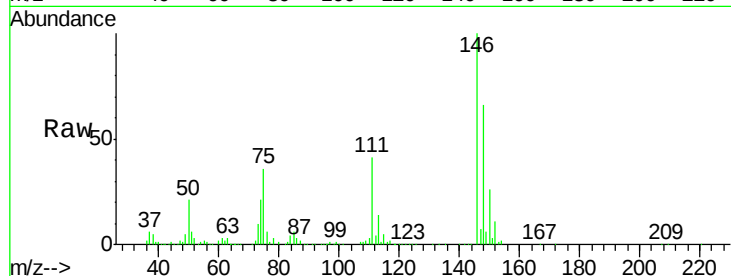
Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

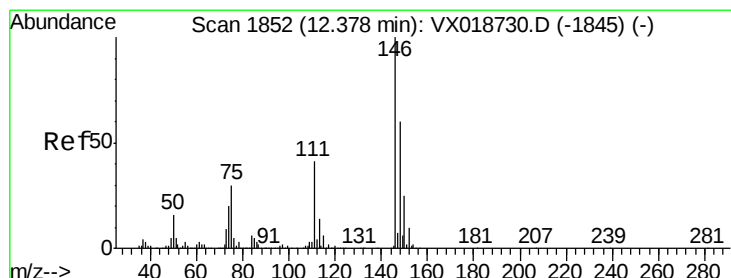
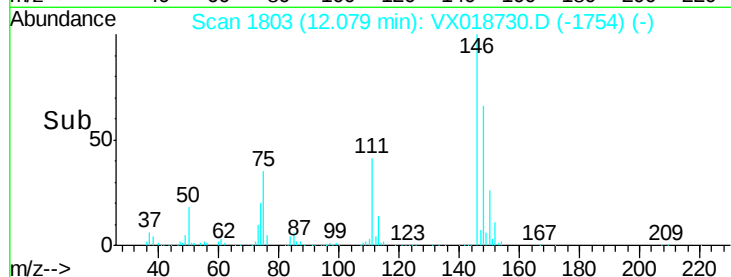
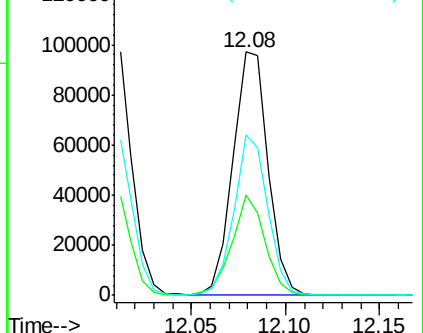
Tgt Ion:	146	Resp:	125639
Ion	Ratio	Lower	Upper
146	100		
111	41.4	29.0	53.8
148	66.1	46.3	85.9



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



#66

1,2-Dichlorobenzene

Concen: 5.363 ug/L

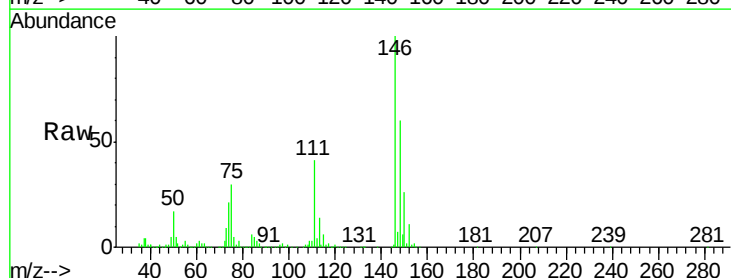
RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

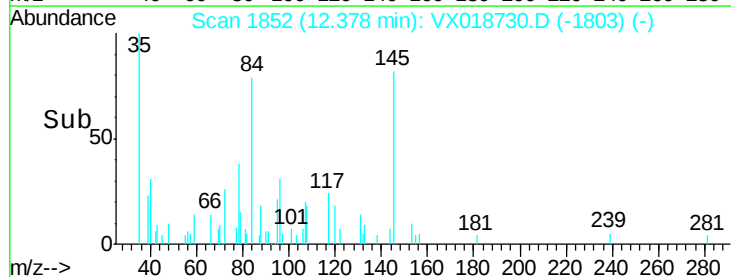
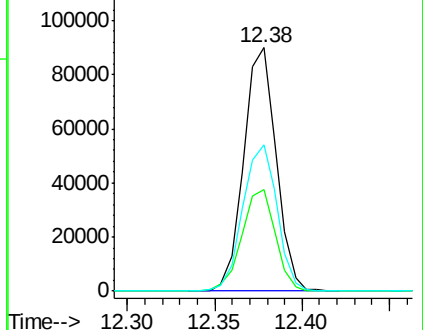
Tgt Ion:	146	Resp:	116010
Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.1	49.7
148	60.2	48.2	72.2

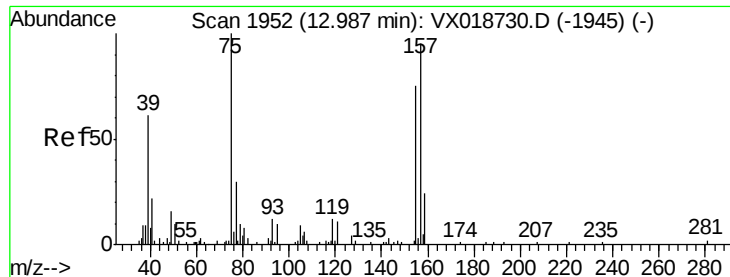


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dibromo-3-chloropropane

Concen: 5.115 ug/L

RT: 12.99 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

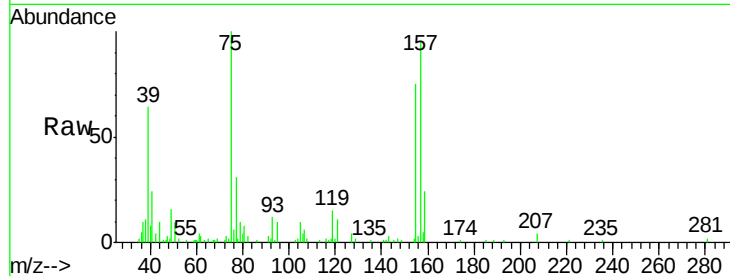
Tgt Ion: 75 Resp: 9407

Ion Ratio Lower Upper

75 100

155 75.3 60.2 90.4

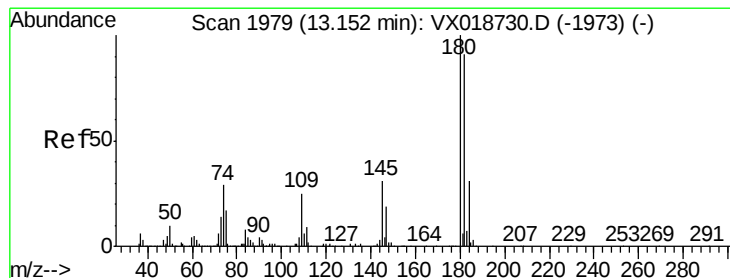
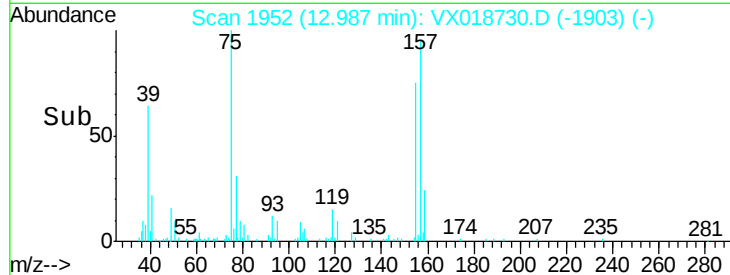
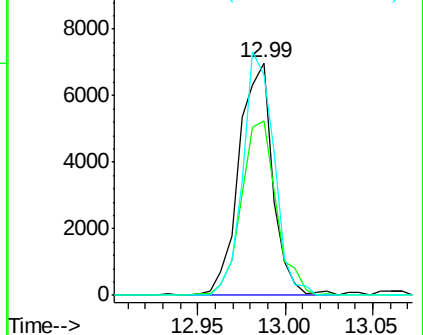
157 95.1 76.1 114.1



Abundance Ion 75.05 (74.75 to 75.75): VX018730.D (-1945) (-)

Ion 154.95 (154.65 to 155.65): VX018730.D (-1945) (-)

Ion 156.90 (156.60 to 157.60): VX018730.D (-1945) (-)



#68

1,3,5-Trichlorobenzene

Concen: 5.328 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX018730.D

Acq: 01 Oct 2020 16:33

Tgt Ion: 180 Resp: 93549

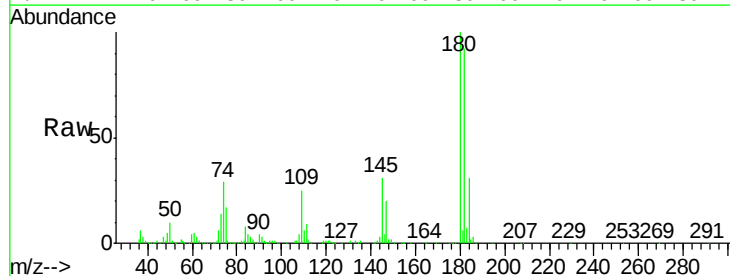
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

184 30.9 24.7 37.1

145 31.2 25.0 37.4

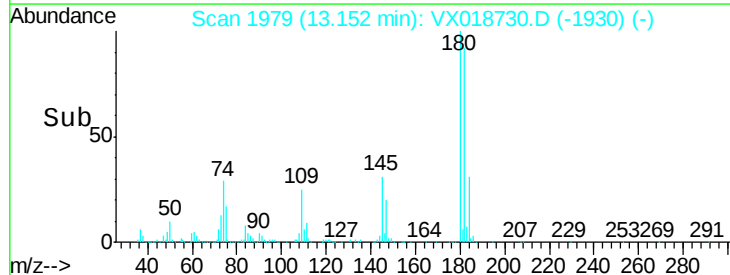
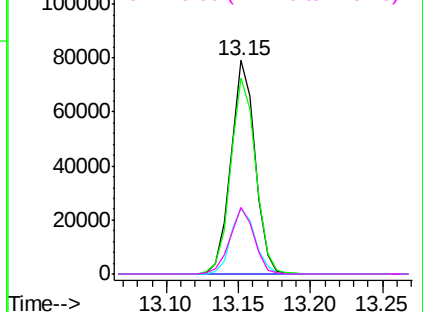


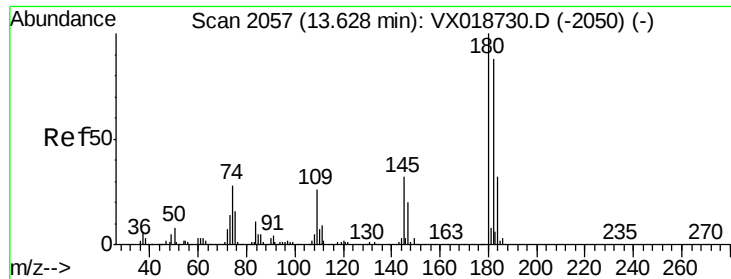
Abundance Ion 180.00 (179.70 to 180.70): VX018730.D (-1973) (-)

Ion 182.00 (181.70 to 182.70): VX018730.D (-1973) (-)

Ion 184.00 (183.70 to 184.70): VX018730.D (-1973) (-)

Ion 145.00 (144.70 to 145.70): VX018730.D (-1973) (-)

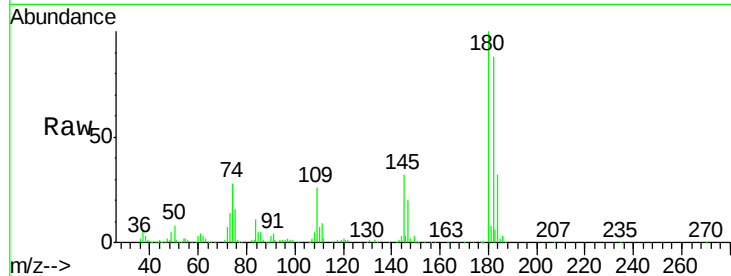




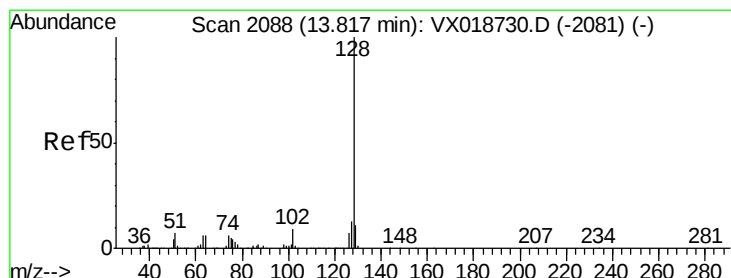
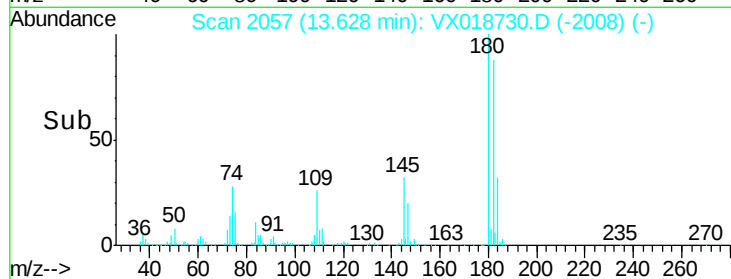
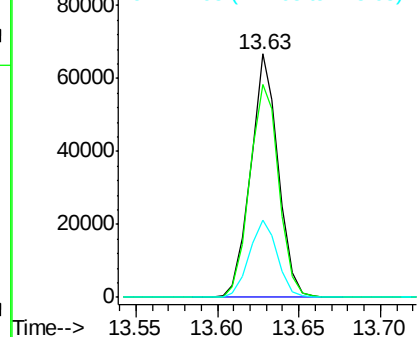
#69
 1,2,4-trichlorobenzene
 Concen: 5.449 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 78298
 Ion Ratio Lower Upper
 180 100
 182 92.9 74.3 111.5
 145 32.2 25.8 38.6

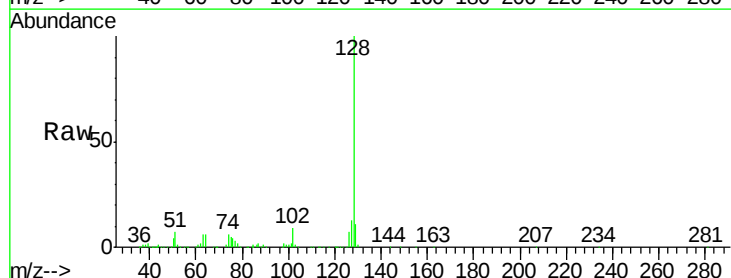


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

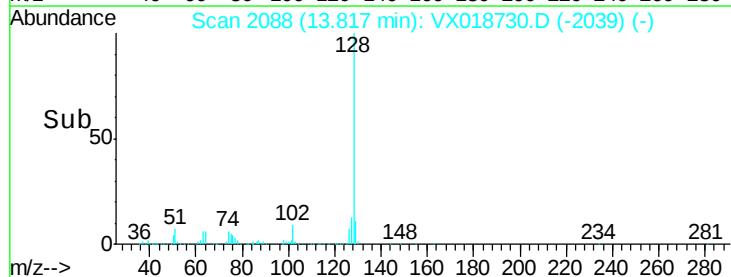
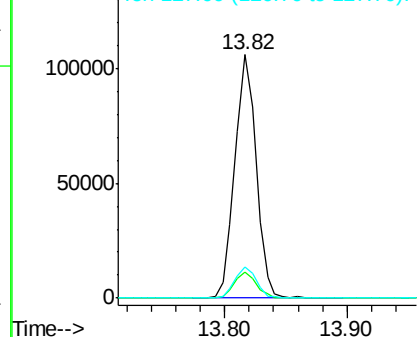


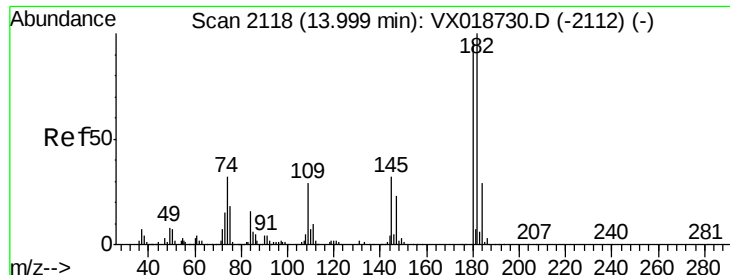
#70
 Naphthalene
 Concen: 5.257 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Tgt Ion:128 Resp: 127394
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.9 13.3
 127 13.1 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

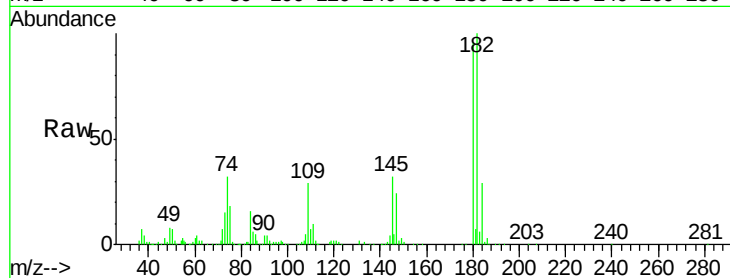




#71
 1,2,3-Trichlorobenzene
 Concen: 5.382 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX018730.D
 Acq: 01 Oct 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	80.2	120.4
145	33.8	27.0	40.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

