

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
 Data File : VX018728.D
 Acq On : 01 Oct 2020 16:33
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 08:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 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	6.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.00%
7) Chloroethane-d5	1.70	69	47945	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.34	63	139242	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.20%
20) 2-Butanone-d5	4.57	46	164468	59.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.86%
24) Chloroform-d	5.14	84	145255	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	6.03	65	85198	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	6.05	84	247869	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	7.37	67	70986	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	8.70	98	241606	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
45) trans-1,3-Dichloropropene-	8.99	79	37993	6.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	121.60%
48) 2-Hexanone-d5	9.43	63	135773	60.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	58883	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	97204	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	68560	5.462 ug/L	98
3) Chloromethane	1.31	50	51133	4.770 ug/L	97
5) Vinyl chloride	1.39	62	57287	5.101 ug/L	98
6) Bromomethane	1.64	94	34196	5.094 ug/L	98
8) Chloroethane	1.72	64	33379	5.405 ug/L	94
9) Trichlorofluoromethane	1.92	101	114541	5.889 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	56262	5.269 ug/L	99
12) 1,1-Dichloroethene	2.36	96	50472	4.985 ug/L	92
13) Acetone	2.46	43	82489	53.850 ug/L	93
14) Carbon disulfide	2.55	76	158245	5.140 ug/L	99
15) Methyl Acetate	2.76	43	17784	4.194 ug/L	99
16) Methylene chloride	2.83	84	55912	4.041 ug/L	95
17) Methyl tert-butyl Ether	3.17	73	126679	5.621 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	52262	5.164 ug/L	96
19) 1,1-Dichloroethane	3.67	63	94695	5.217 ug/L	97
21) 2-Butanone	4.67	43	123748	50.896 ug/L	88
22) cis-1,2-Dichloroethene	4.56	96	53384	5.055 ug/L #	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100120\
 Data File : VX018728.D
 Acq On : 01 Oct 2020 16:33
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 08:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

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

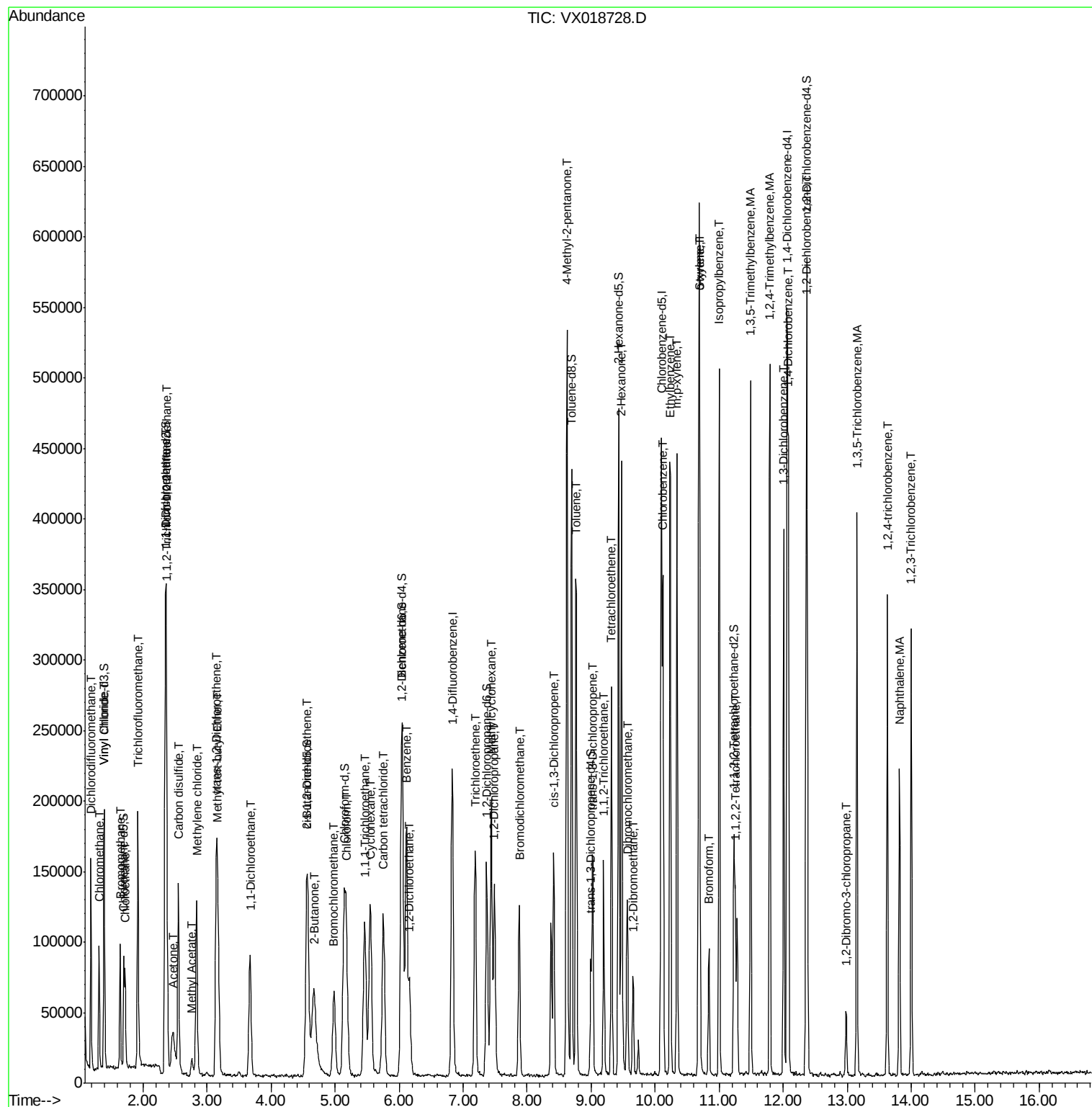
23) Bromochloromethane	4.98	128	26525	5.239	ug/L	87
25) Chloroform	5.18	83	108297	5.459	ug/L	86
27) 1,2-Dichloroethane	6.16	62	76855	6.124	ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	109298	5.747	ug/L	99
30) Cyclohexane	5.55	56	76911	5.084	ug/L	98
31) Carbon tetrachloride	5.75	117	99492	5.674	ug/L	96
33) Benzene	6.12	78	204118	5.303	ug/L	100
34) Trichloroethene	7.19	95	60841	5.462	ug/L	91
35) Methylcyclohexane	7.44	83	80881	5.220	ug/L	93
37) 1,2-Dichloropropane	7.49	63	47973	4.670	ug/L	97
38) Bromodichloromethane	7.88	83	77018	5.554	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	76466	5.249	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	303230	53.264	ug/L	99
42) Toluene	8.77	91	223549	5.376	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	209216	5.755	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	212417	5.841	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	73719	5.549	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	37393	5.073	ug/L	93
49) Tetrachloroethene	9.32	164	51922	5.921	ug/L	91
50) 2-Hexanone	9.48	43	224445	55.699	ug/L	99
51) Dibromochloromethane	9.57	129	55452	5.749	ug/L	100
52) 1,2-Dibromoethane	9.65	107	36612	5.332	ug/L #	89
53) Chlorobenzene	10.12	112	145964	5.314	ug/L	97
54) Ethylbenzene	10.23	91	248544	5.488	ug/L	96
55) m,p-xylene	10.34	106	95947	5.540	ug/L	91
56) o-xylene	10.68	106	91696	5.604	ug/L	91
57) Styrene	10.70	104	152269	5.636	ug/L	92
58) Isopropylbenzene	11.00	105	258448	5.891	ug/L	97
60) 1,1,2,2-Tetrachloroethane	11.25	83	43712	5.251	ug/L #	95
62) Bromoform	10.84	173	32549	5.795	ug/L	96
63) 1,3-Dichlorobenzene	12.01	146	122713	5.351	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	125639	5.424	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	116010	5.430	ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.99	75	9407	5.178	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	93549	5.433	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	78298	5.548	ug/L	99
70) Naphthalene	13.82	128	127394	5.340	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	70099	5.496	ug/L	97

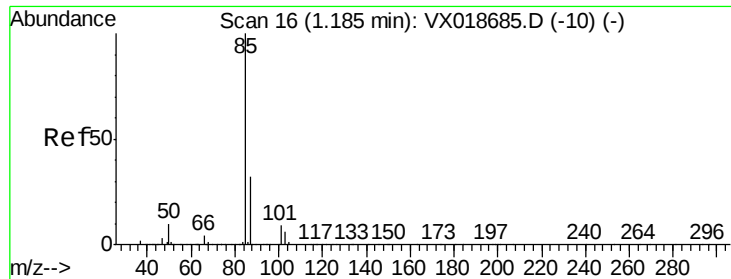
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018728.D
Acq On : 01 Oct 2020 16:33
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 02 08:53:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.462 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

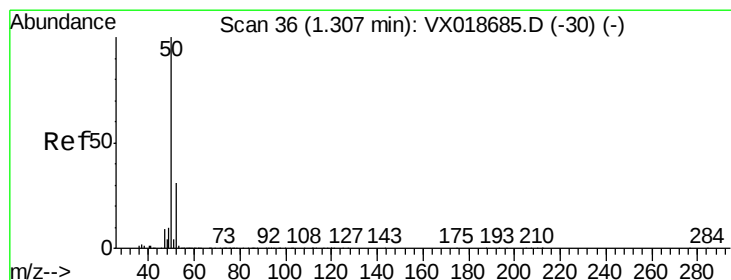
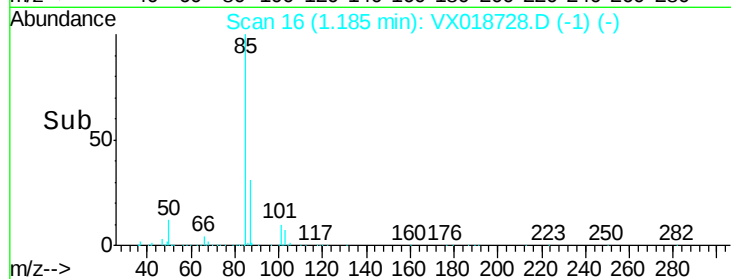
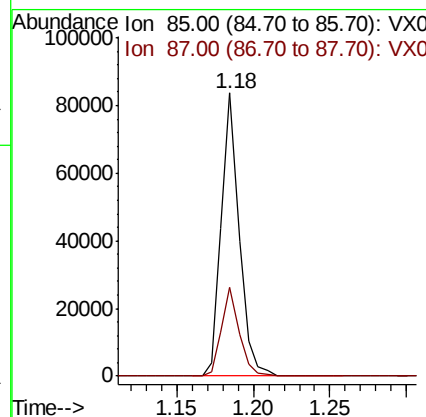
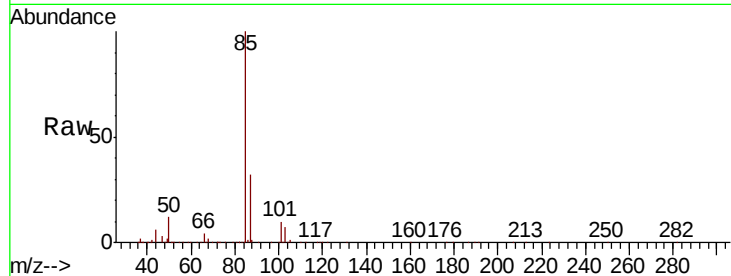
ClientSampleId :

Tot Ion: 85 Resp: 68560

Ion Ratio Lower Upper

85 100

87 31.4 26.1 39.1



#3

Chloromethane

Concen: 4.770 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018728.D

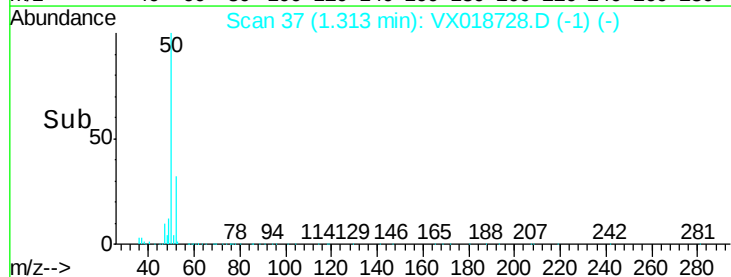
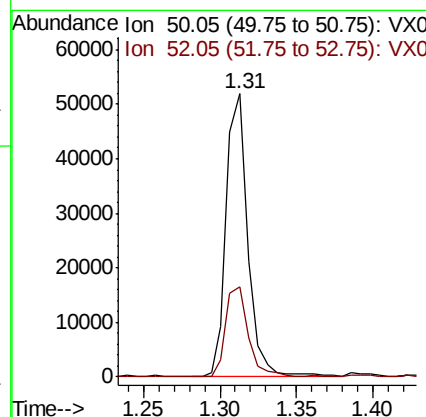
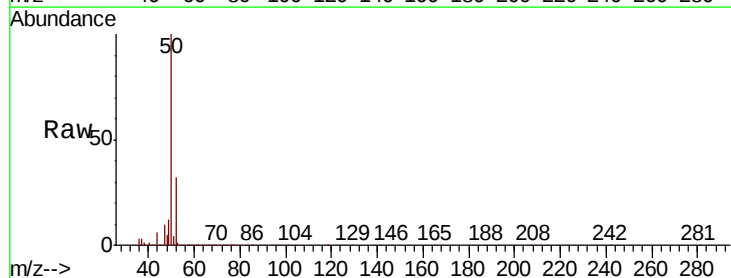
Acq: 01 Oct 2020 16:33

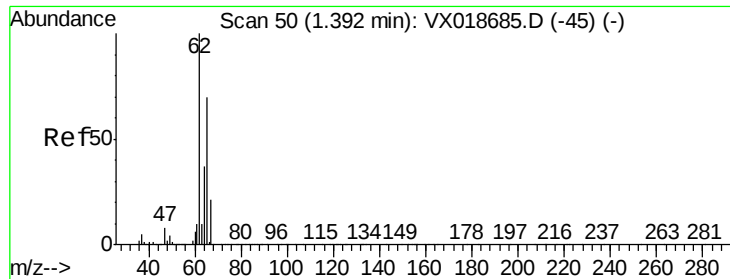
Tgt Ion: 50 Resp: 51133

Ion Ratio Lower Upper

50 100

52 31.9 21.2 39.4





#5

Vinyl chloride

Concen: 5.101 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

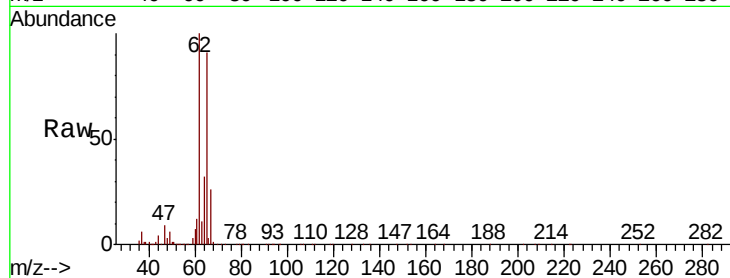
ClientSampleId :

Tot Ion: 62 Resp: 57287

Ion Ratio Lower Upper

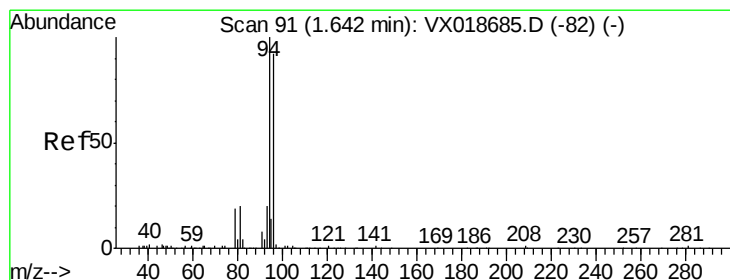
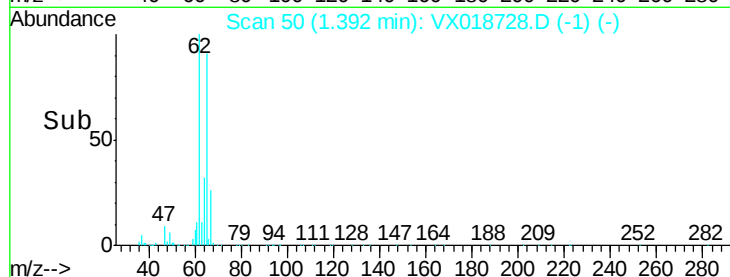
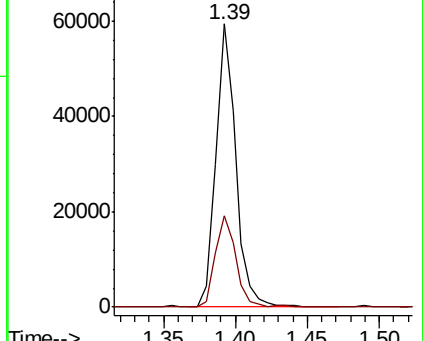
62 100

64 32.4 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#6

Bromomethane

Concen: 5.094 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018728.D

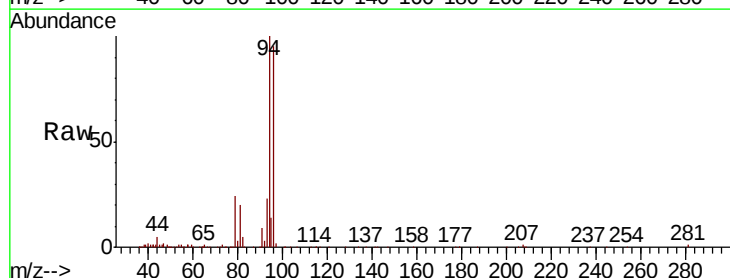
Acq: 01 Oct 2020 16:33

Tgt Ion: 94 Resp: 34196

Ion Ratio Lower Upper

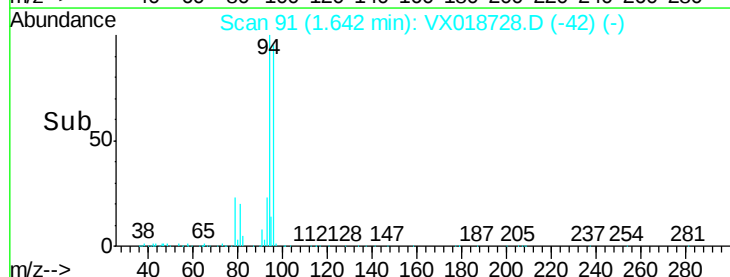
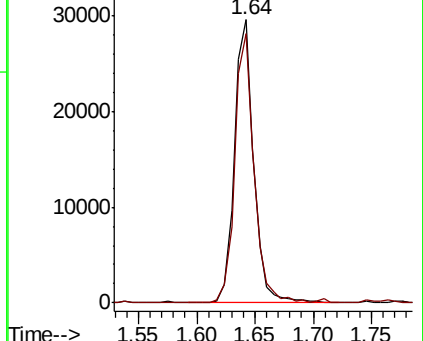
94 100

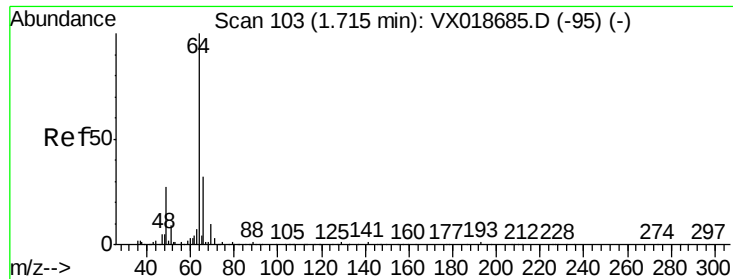
96 95.2 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

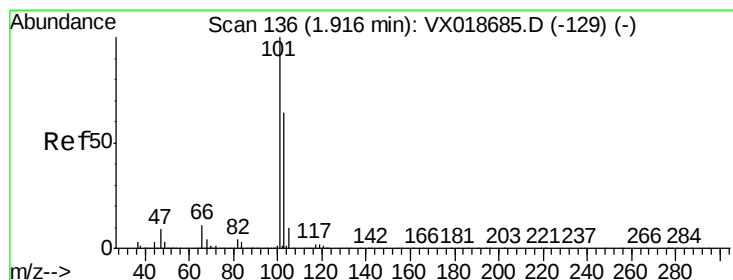
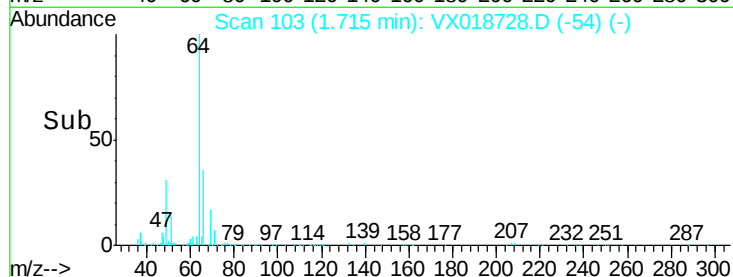
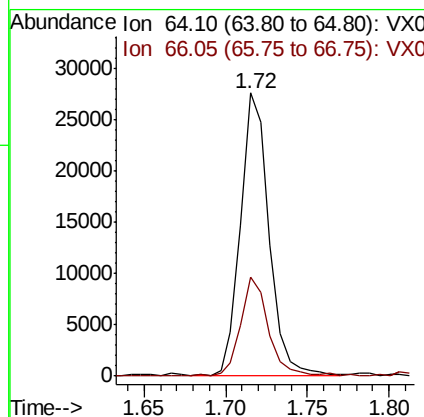
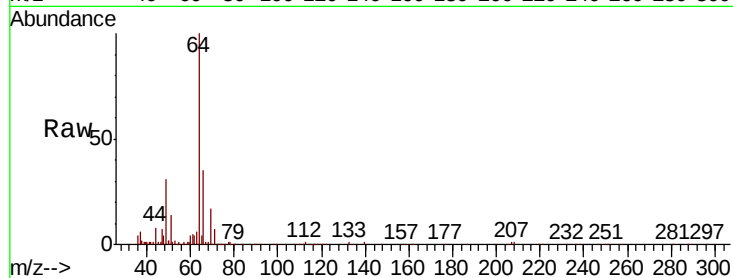




#8
Chloroethane
Concen: 5.405 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

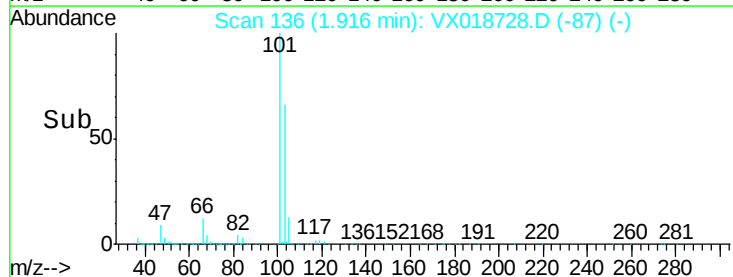
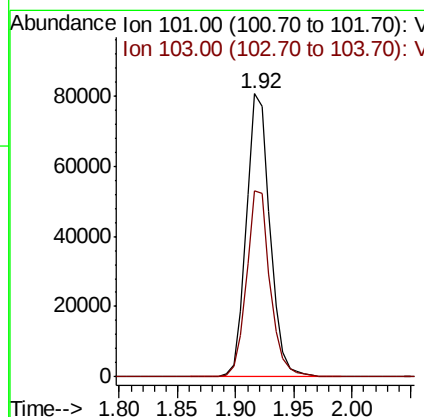
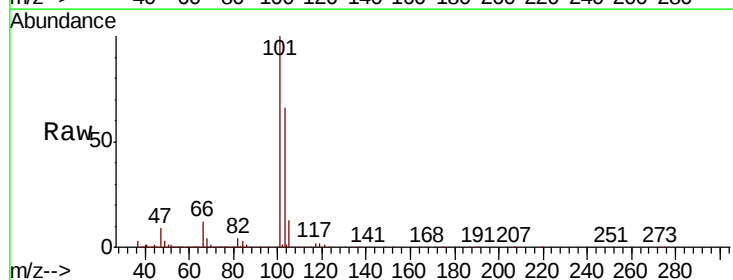
Instrument :
MSVOA_X
ClientSampleId :

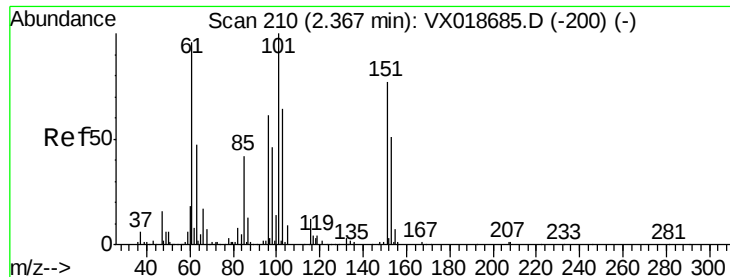
Tot Ion: 64 Resp: 33379
Ion Ratio Lower Upper
64 100
66 35.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.889 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Tgt Ion: 101 Resp: 114541
Ion Ratio Lower Upper
101 100
103 65.4 49.8 74.6





#10

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

Concen: 5.269 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

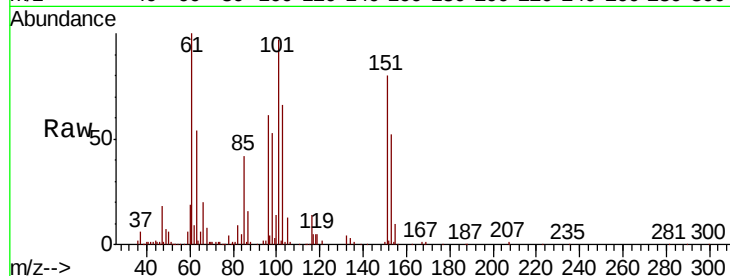
Tot Ion:101 Resp: 56262

Ion Ratio Lower Upper

101 100

85 45.8 36.1 54.1

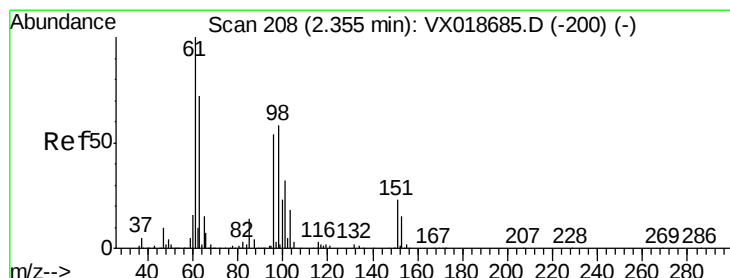
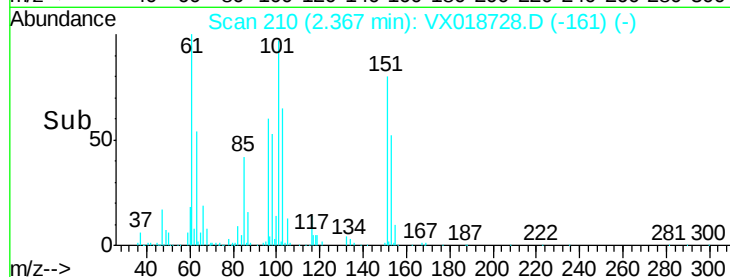
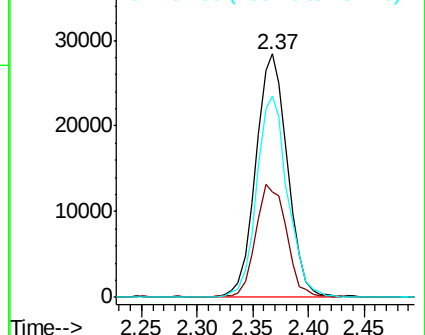
151 81.2 65.5 98.3



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: 4.985 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

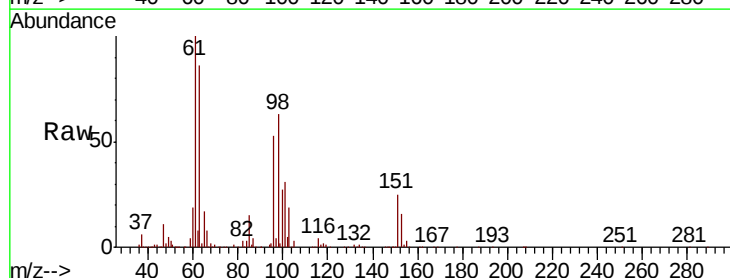
Tgt Ion: 96 Resp: 50472

Ion Ratio Lower Upper

96 100

61 187.2 123.8 229.8

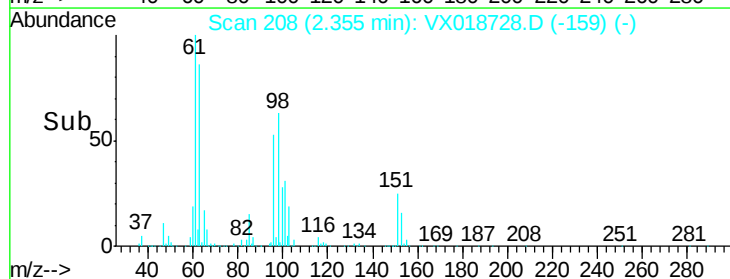
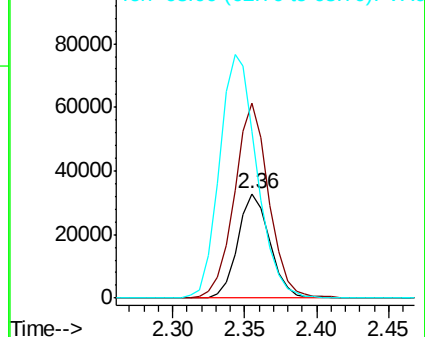
63 160.1 104.7 194.4

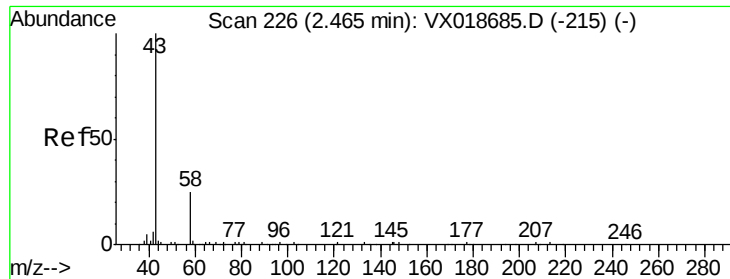


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 53.850 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

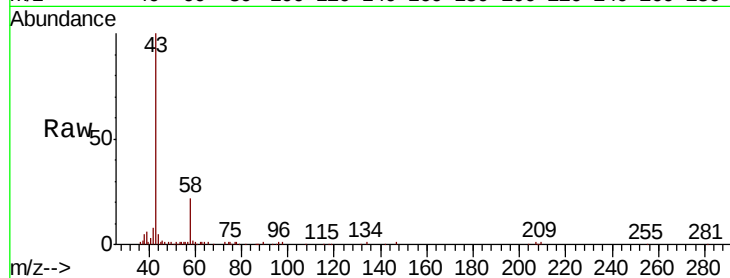
ClientSampleId :

Tot Ion: 43 Resp: 82489

Ion Ratio Lower Upper

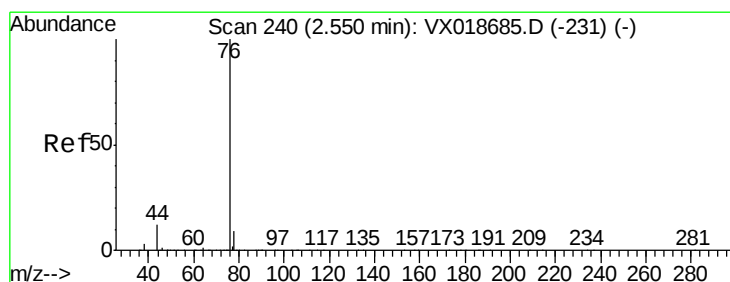
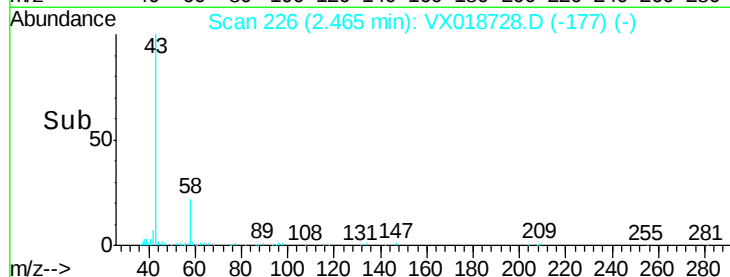
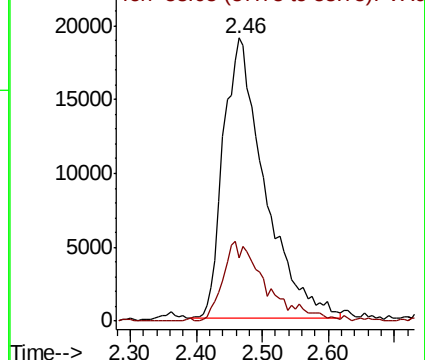
43 100

58 27.1 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 5.140 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018728.D

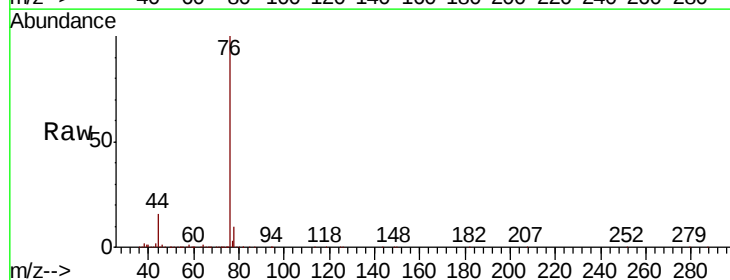
Acq: 01 Oct 2020 16:33

Tgt Ion: 76 Resp: 158245

Ion Ratio Lower Upper

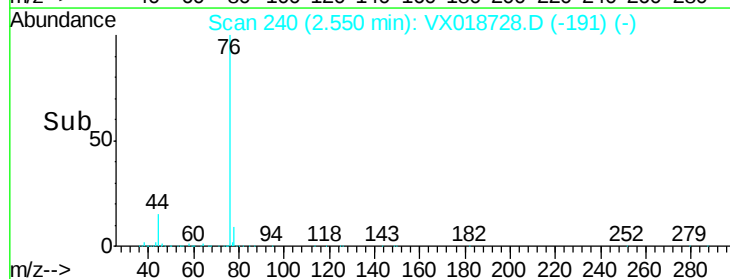
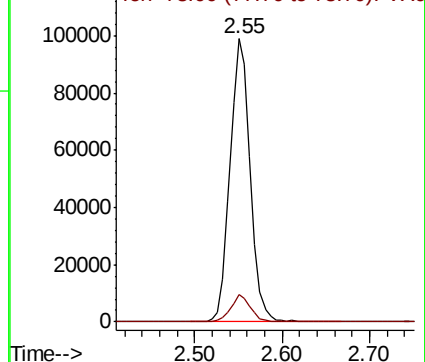
76 100

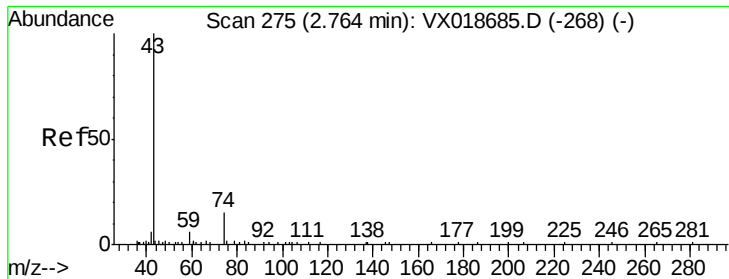
78 9.6 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

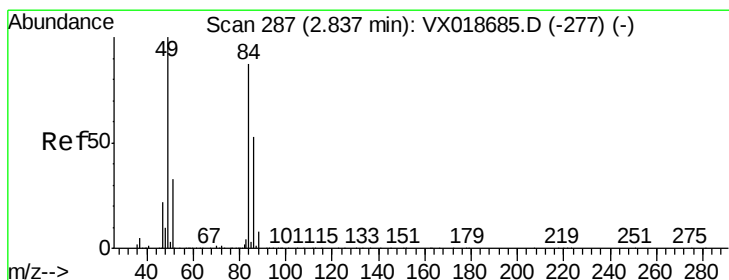
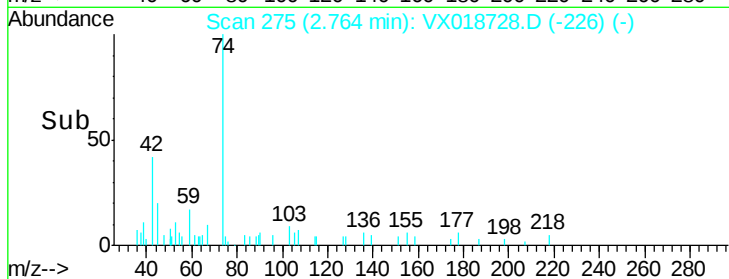
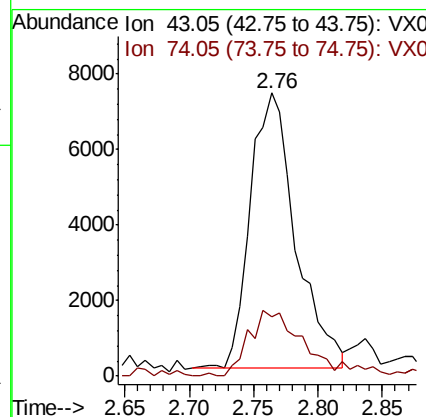
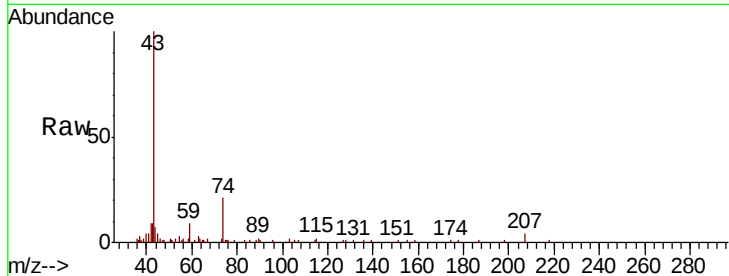




#15
Methyl Acetate
Concen: 4.194 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

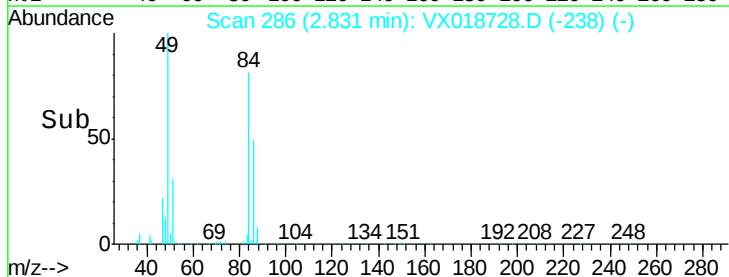
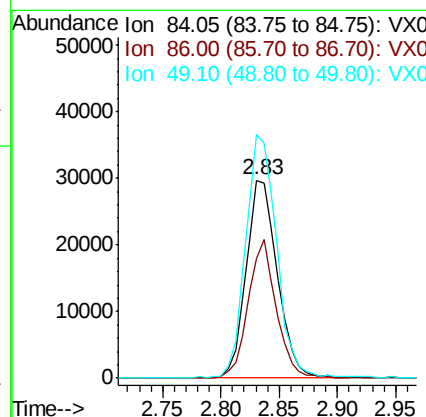
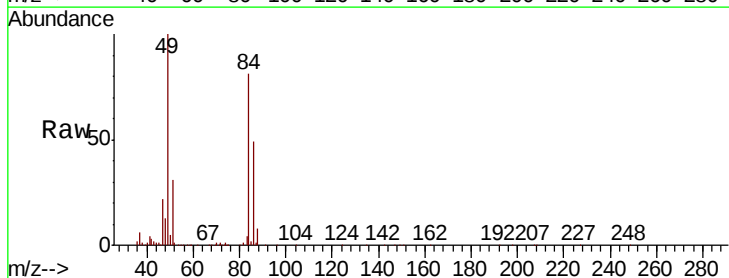
Instrument :
MSVOA_X
ClientSampled :

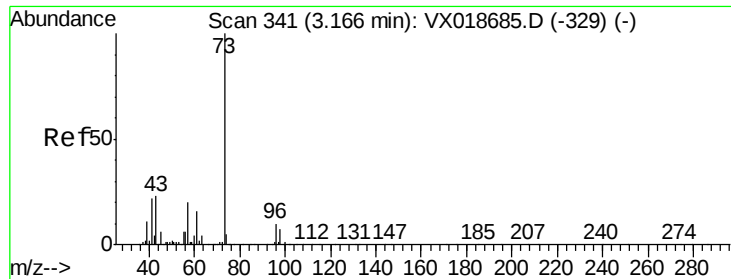
Tot Ion: 43 Resp: 17784
Ion Ratio Lower Upper
43 100
74 26.9 21.2 31.8



#16
Methylene chloride
Concen: 4.041 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Tgt Ion: 84 Resp: 55912
Ion Ratio Lower Upper
84 100
86 60.7 41.9 77.7
49 123.1 80.8 150.2

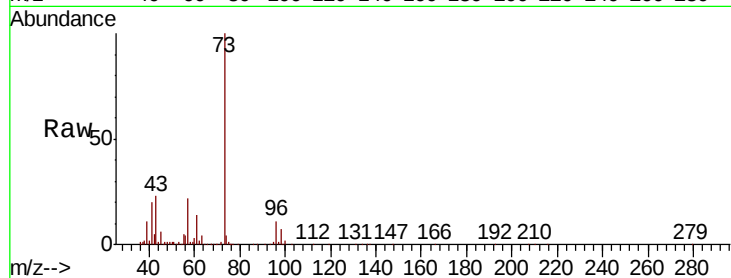




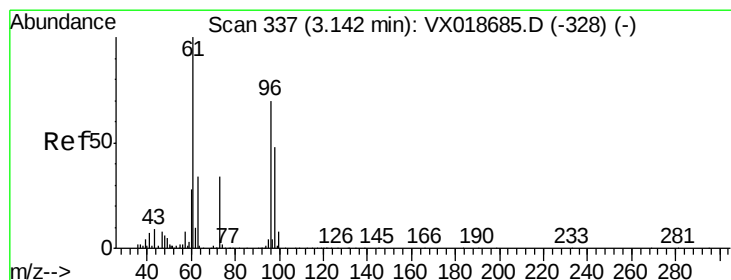
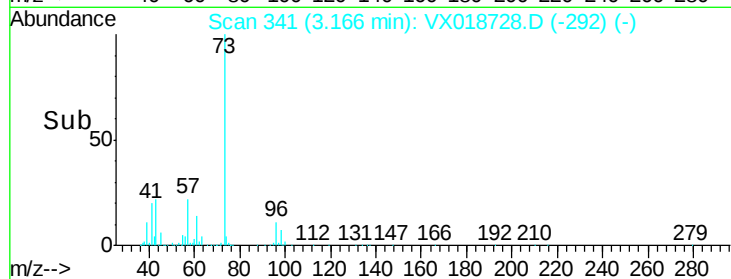
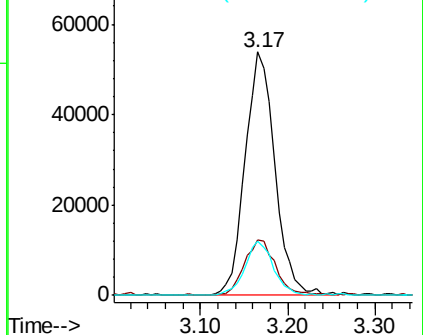
#17
Methvl tert-butvl Ether
Concen: 5.621 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	73	Resp	126679
Ion Ratio	Lower	Upper	
73	100		
43	24.0	18.6	27.8
57	21.4	17.3	25.9

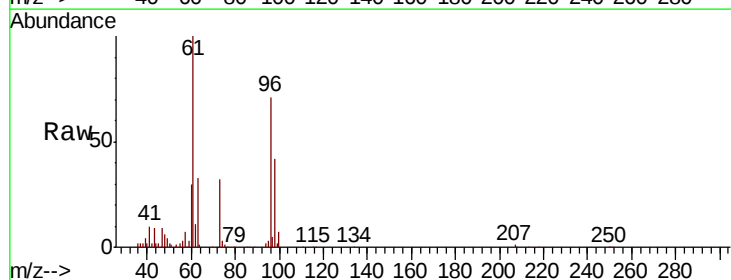


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

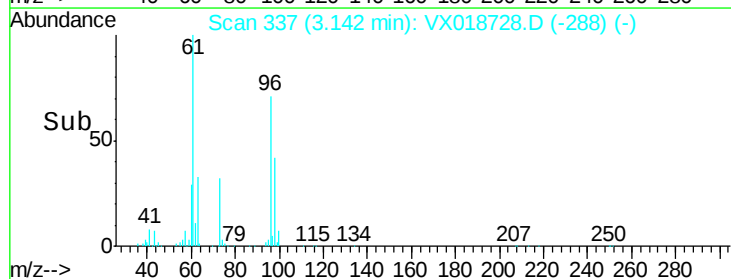
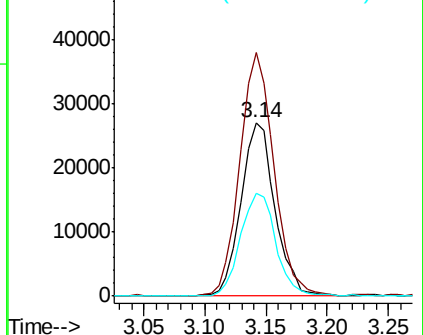


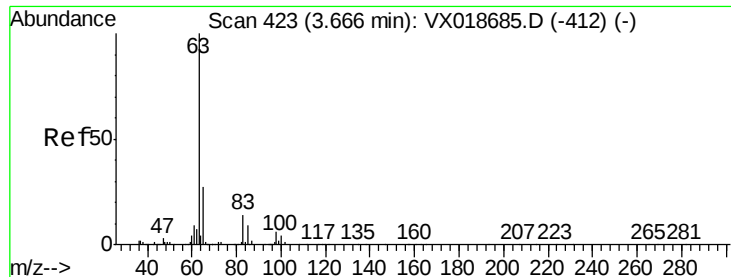
#18
trans-1,2-Dichloroethene
Concen: 5.164 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Tgt Ion	96	Resp	52262
Ion Ratio	Lower	Upper	
96	100		
61	140.2	97.3	180.7
98	58.9	46.6	86.6



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

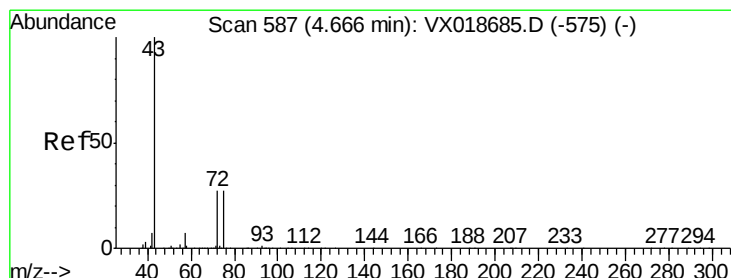
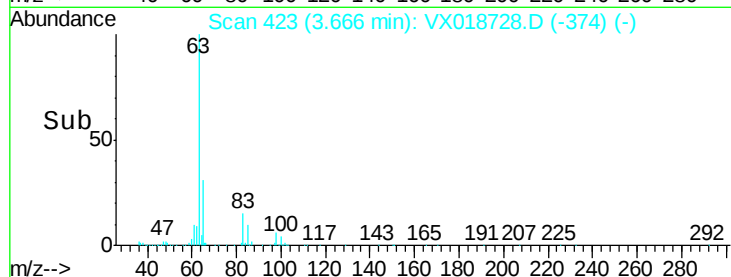
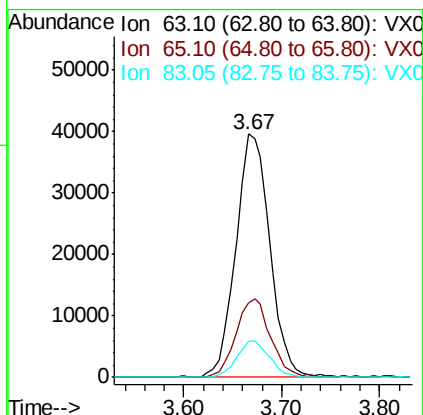
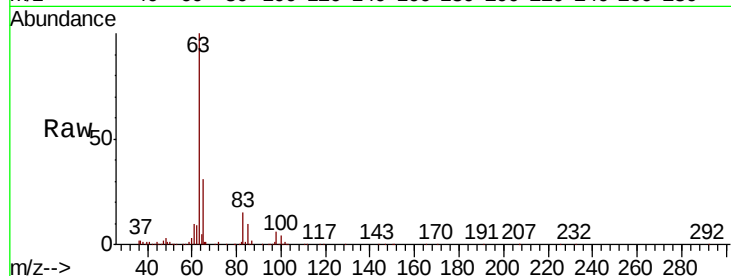




#19
 1,1-Dichloroethane
 Concen: 5.217 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

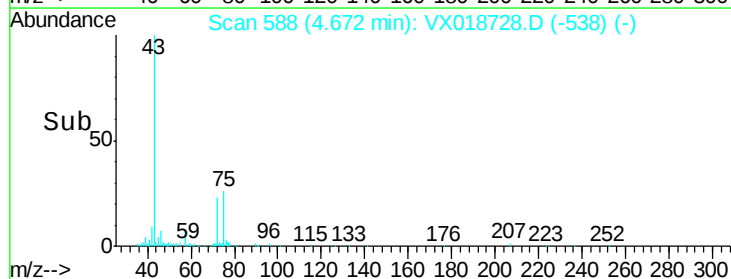
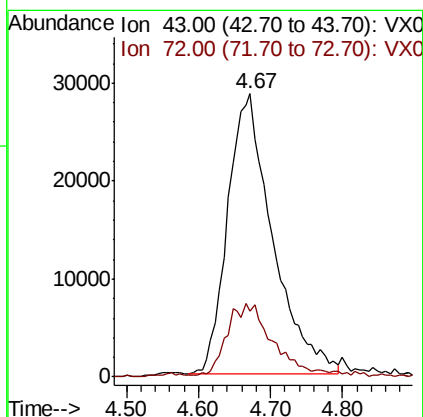
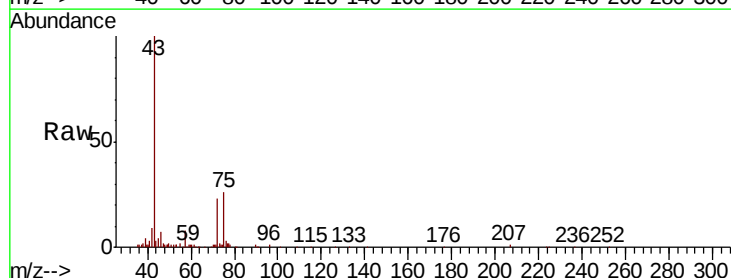
Instrument :
 MSVOA_X
 ClientSampled :

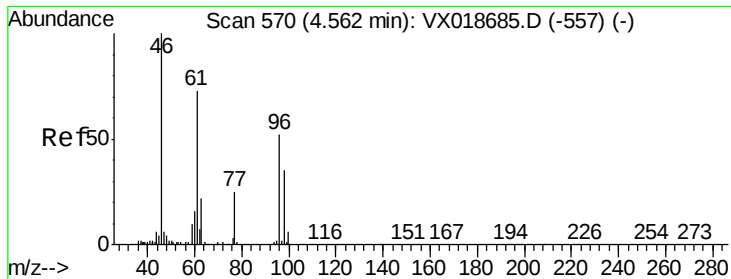
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.7	42.1
83	15.0	9.3	17.3



#21
 2-Butanone
 Concen: 50.896 ug/L
 RT: 4.67 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Tgt Ion	Ratio	Lower	Upper
43	100		
72	14.8	5.2	15.6



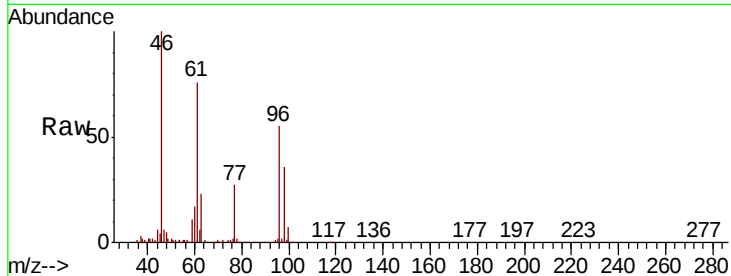


#22

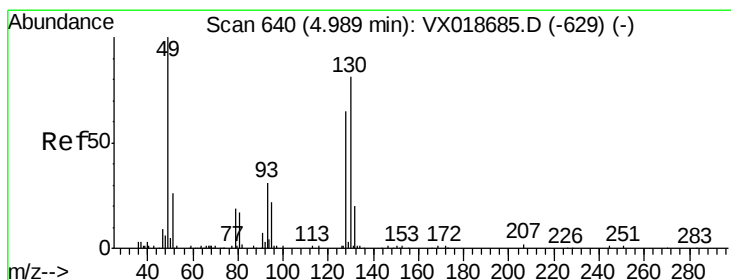
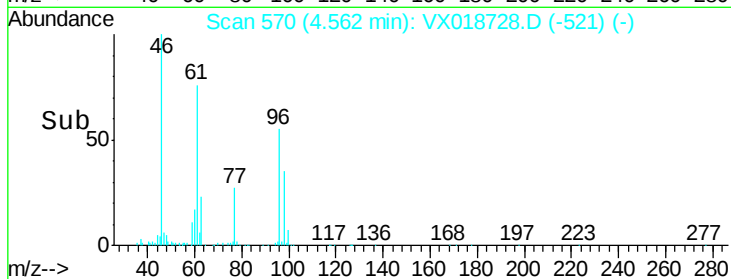
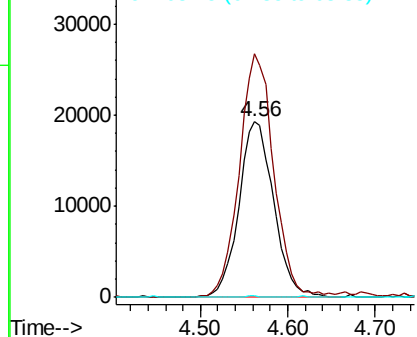
cis-1,2-Dichloroethene
 Concen: 5.055 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 53384
 Ion Ratio Lower Upper
 96 100
 61 139.0 87.7 162.9
 68 0.8 0.3 0.7#



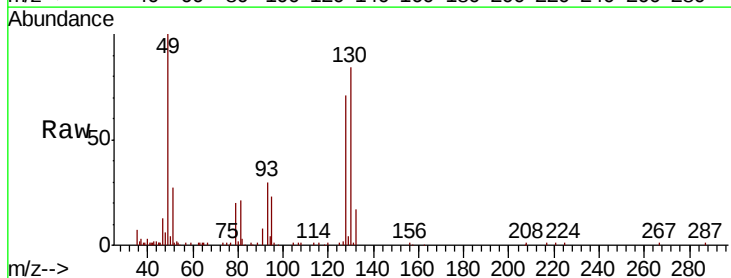
Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.05 (60.75 to 61.75): VX0
 Ion 68.15 (67.85 to 68.85): VX0



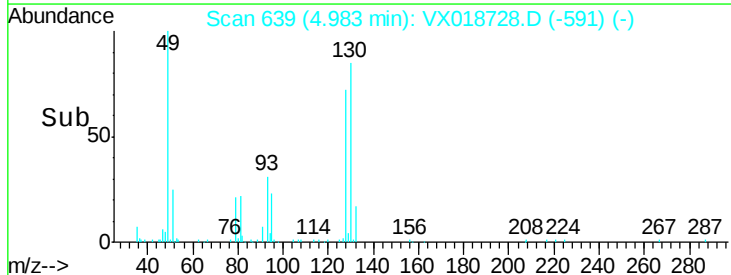
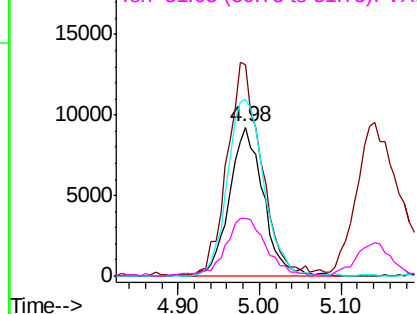
#23

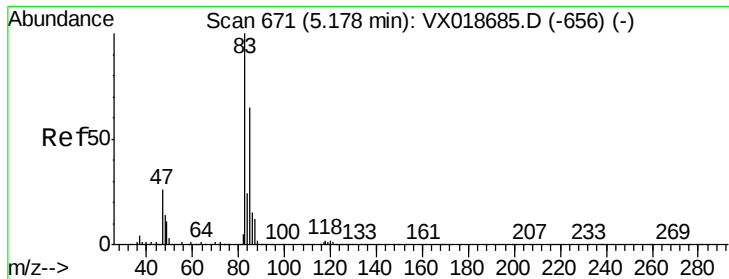
Bromochloromethane
 Concen: 5.239 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Tgt Ion: 128 Resp: 26525
 Ion Ratio Lower Upper
 128 100
 49 141.8 105.2 195.4
 130 118.6 100.6 186.8
 51 38.4 35.8 53.8



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

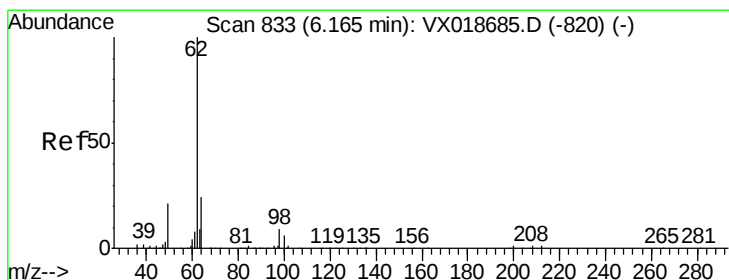
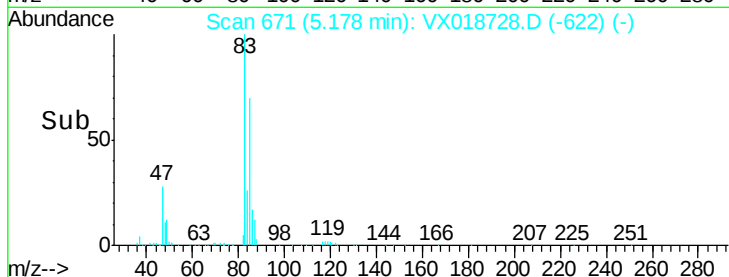
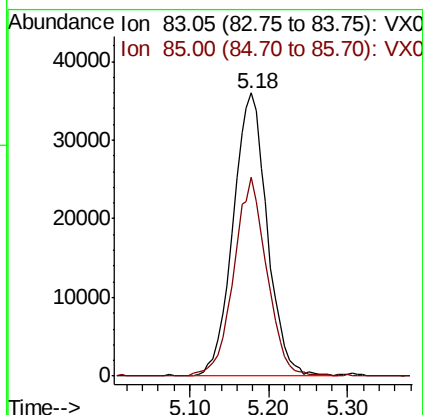
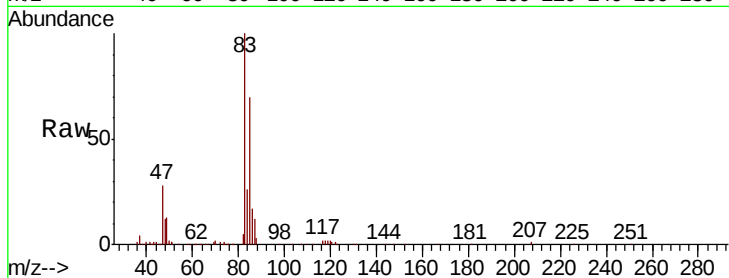




#25
Chloroform
Concen: 5.459 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

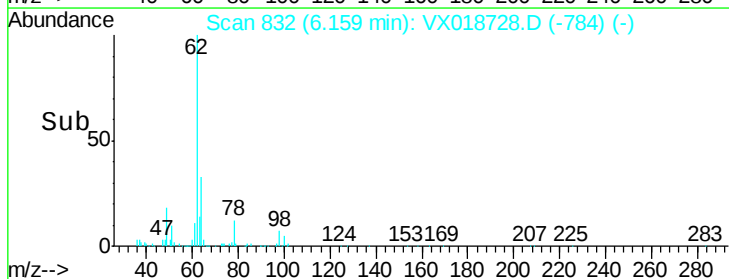
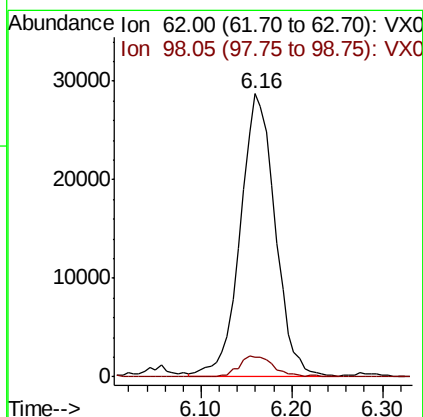
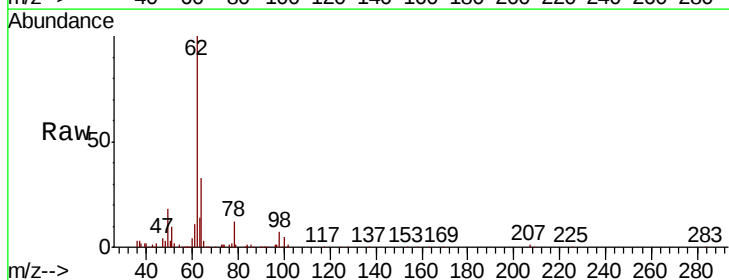
Instrument :
MSVOA_X
ClientSampleId :

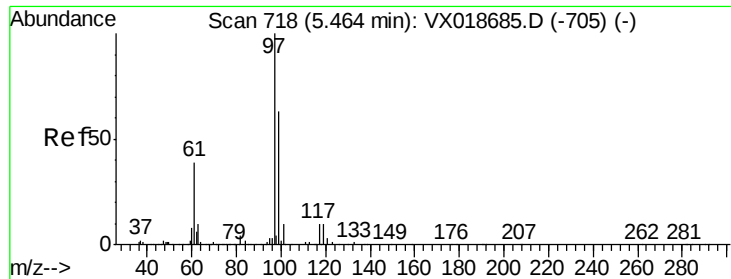
Tot Ion: 83 Resp: 108297
Ion Ratio Lower Upper
83 100
85 70.2 41.8 77.6



#27
1,2-Dichloroethane
Concen: 6.124 ug/L
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Tgt Ion: 62 Resp: 76855
Ion Ratio Lower Upper
62 100
98 6.8 7.0 10.4#

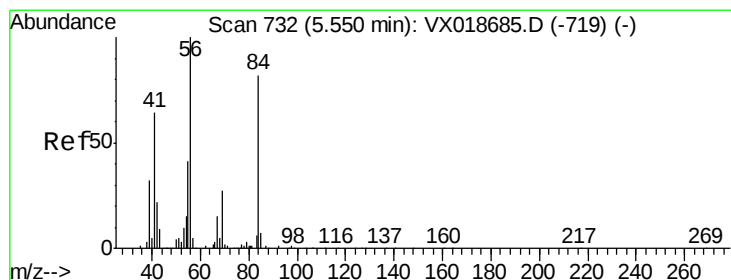
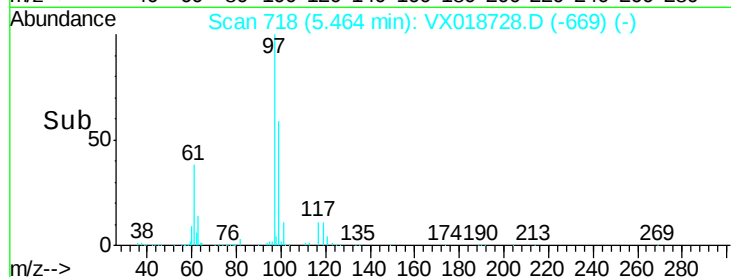
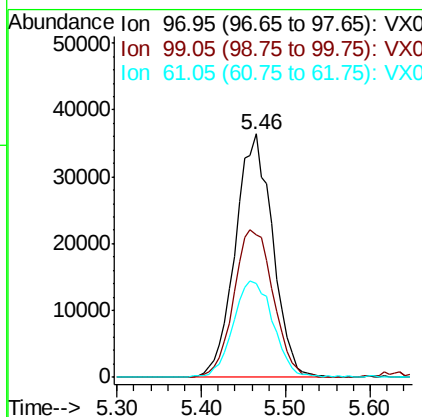
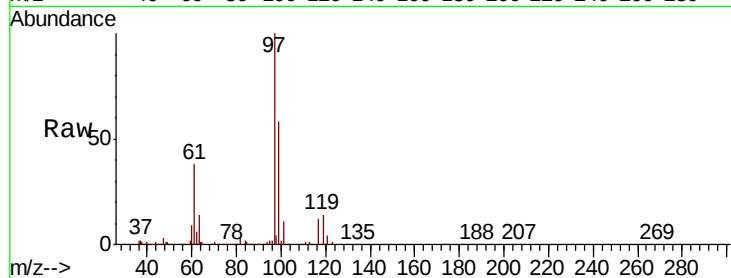




#29
 1,1,1-Trichloroethane
 Concen: 5.747 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

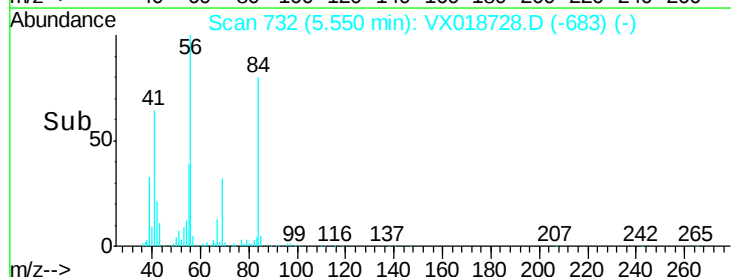
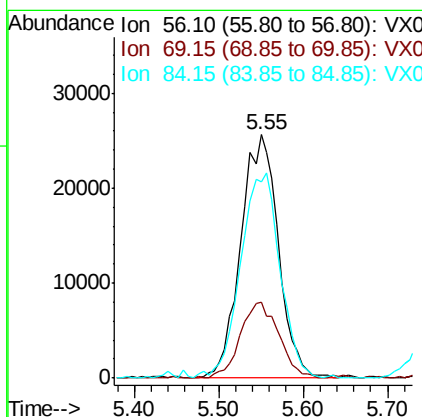
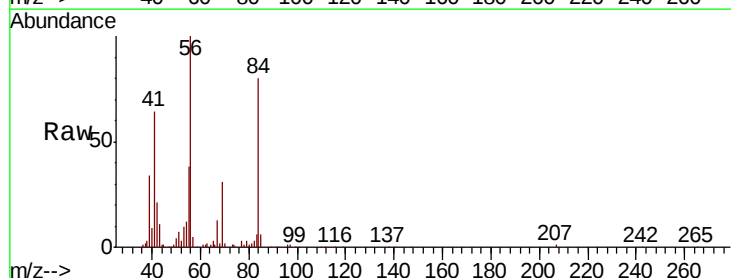
Instrument :
 MSVOA_X
 ClientSampleId :

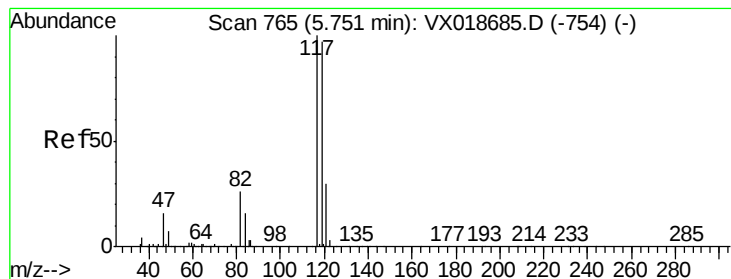
Tot Ion	97	Resp	109298
Ion Ratio	Lower	Upper	
97	100		
99	64.3	50.0	75.0
61	42.4	33.9	50.9



#30
 Cyclohexane
 Concen: 5.084 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Tgt Ion	56	Resp	76911
Ion Ratio	Lower	Upper	
56	100		
69	32.3	26.4	39.6
84	89.2	72.7	109.1





#31

Carbon tetrachloride

Concen: 5.674 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

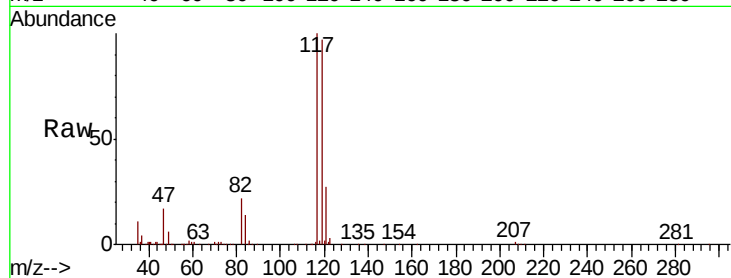
ClientSampleId :

Tot Ion:117 Resp: 99492

Ion Ratio Lower Upper

117 100

119 99.1 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.75

40000

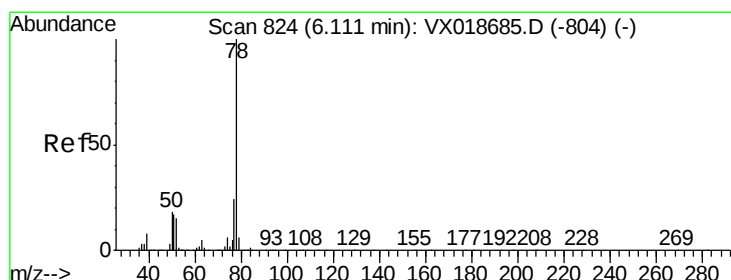
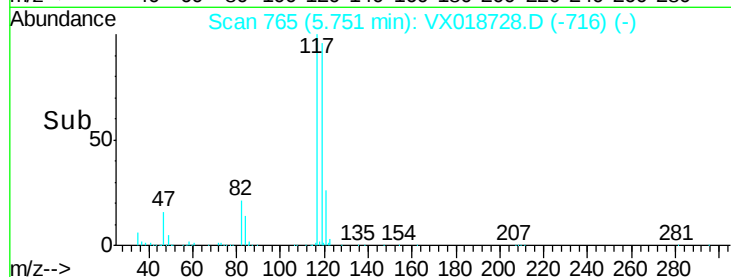
30000

20000

10000

0

Time--> 5.60 5.70 5.80 5.90



#33

Benzene

Concen: 5.303 ug/L

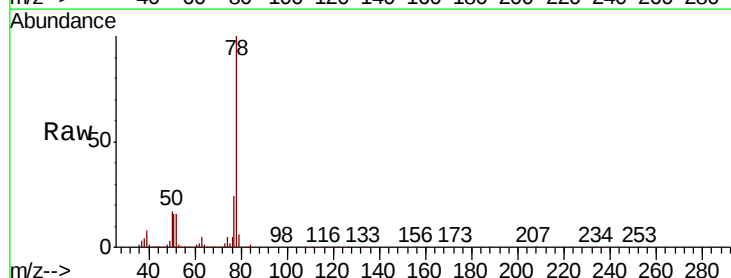
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018728.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

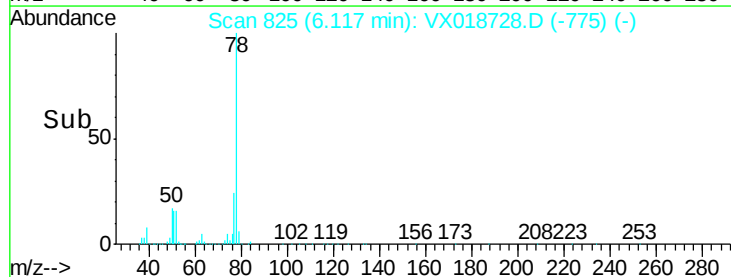
60000

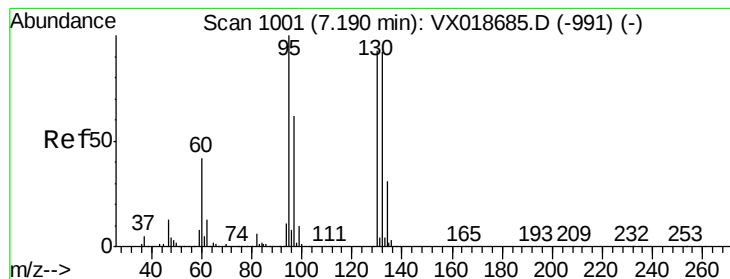
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

Trichloroethene

Concen: 5.462 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 95 Resp: 60841

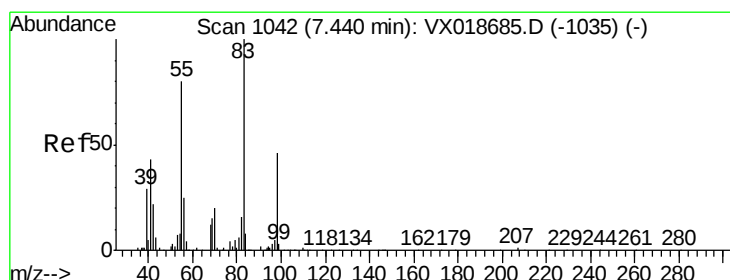
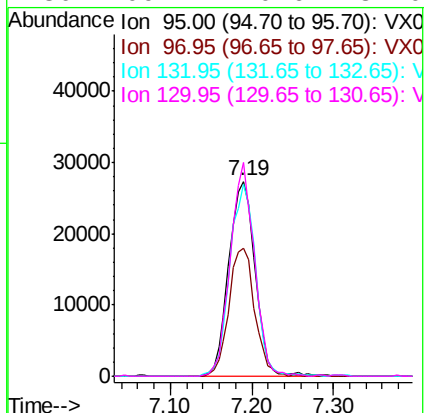
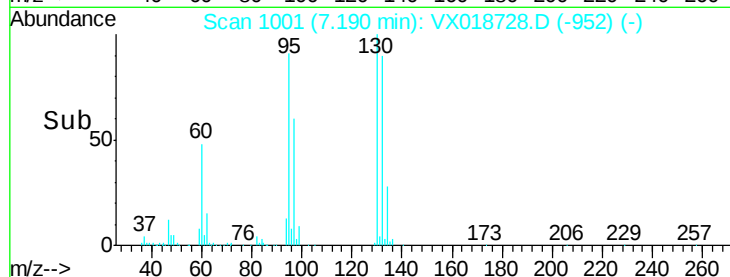
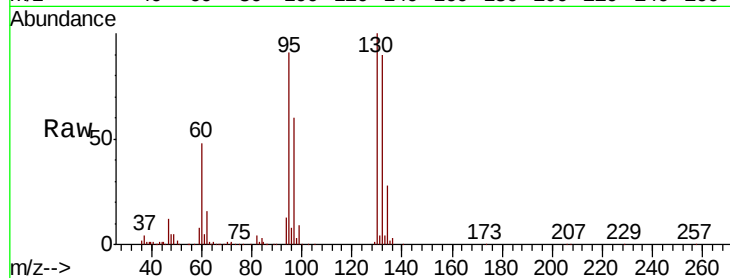
Ion Ratio Lower Upper

95 100

97 65.5 40.6 75.4

132 98.9 64.3 119.5

130 109.7 70.6 131.0



#35

Methylcyclohexane

Concen: 5.220 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

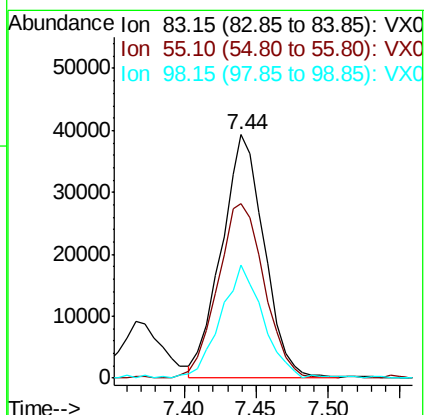
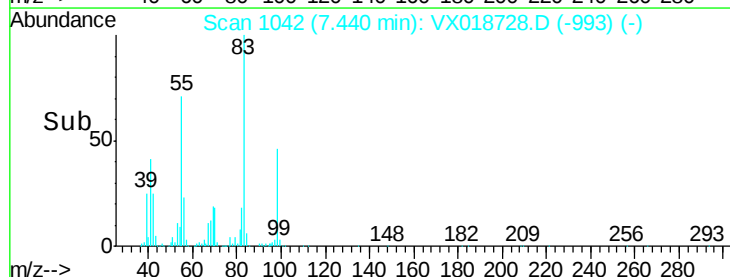
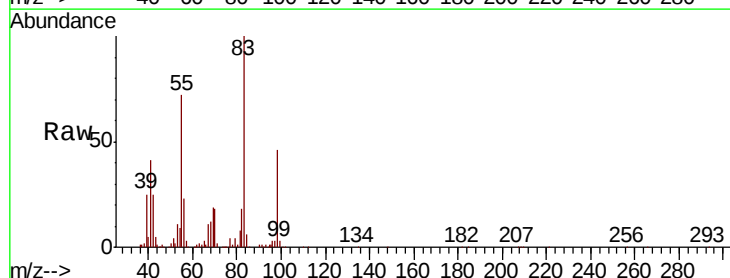
Tgt Ion: 83 Resp: 80881

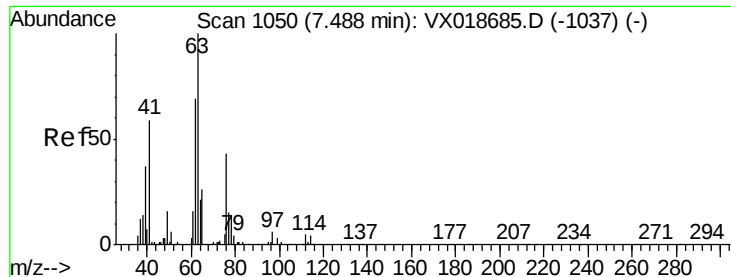
Ion Ratio Lower Upper

83 100

55 78.4 67.4 101.0

98 46.5 41.1 61.7





#37

1,2-Dichloropropane

Concen: 4.670 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

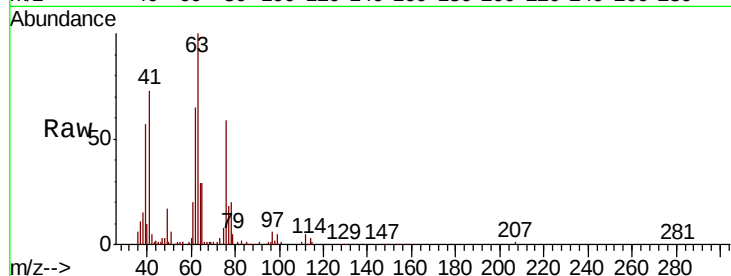
ClientSampled :

Tot Ion: 63 Resp: 47973

Ion Ratio Lower Upper

63 100

112 6.0 4.1 6.1



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

7.49

25000

20000

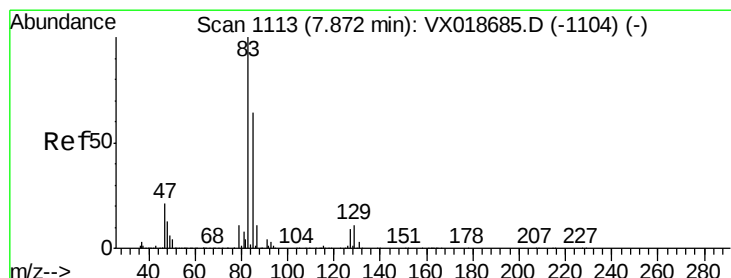
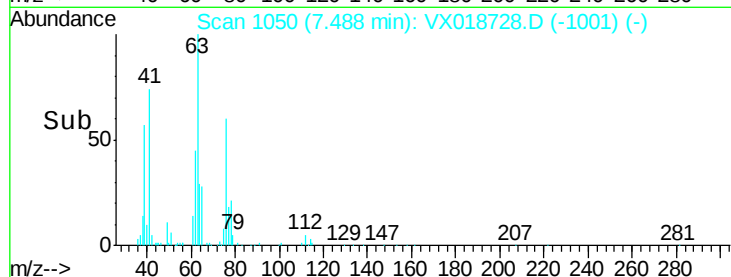
15000

10000

5000

0

Time--> 7.35 7.40 7.45 7.50 7.55



#38

Bromodichloromethane

Concen: 5.554 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

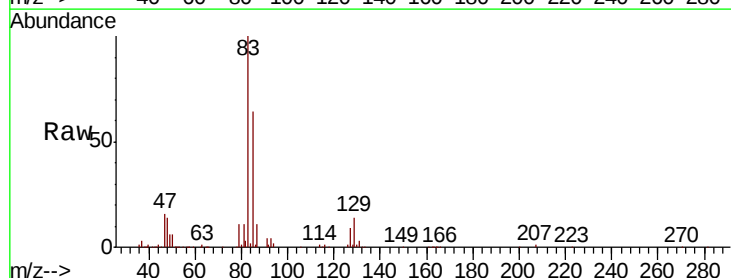
Tgt Ion: 83 Resp: 77018

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0

127 9.2 8.2 12.2



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

7.88

50000

40000

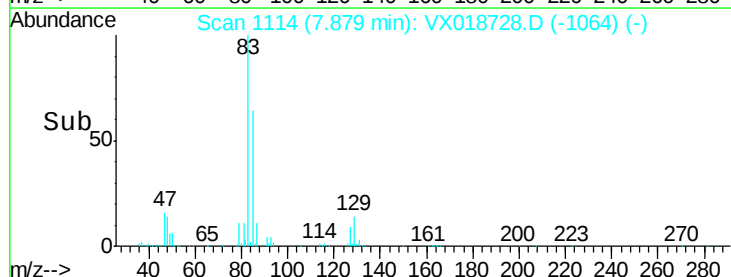
30000

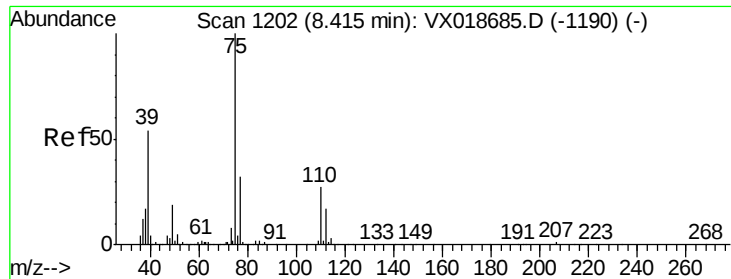
20000

10000

0

Time--> 7.80 7.90 8.00



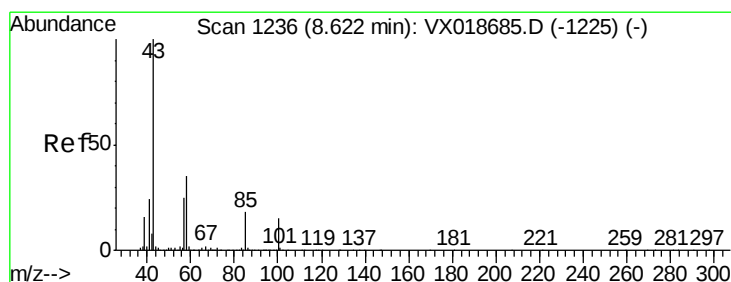
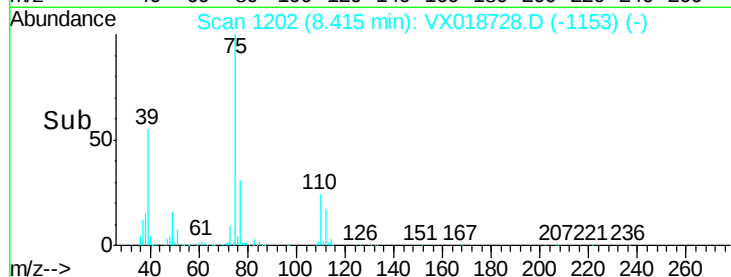
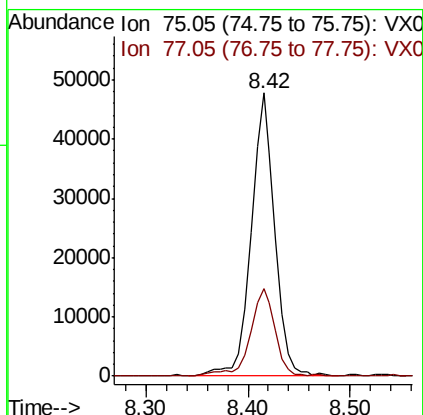
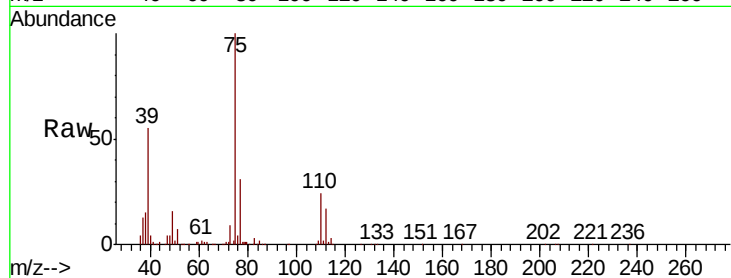


#39

cis-1,3-Dichloropropene
Concen: 5.249 ug/L
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Instrument :
MSVOA_X
ClientSampled :

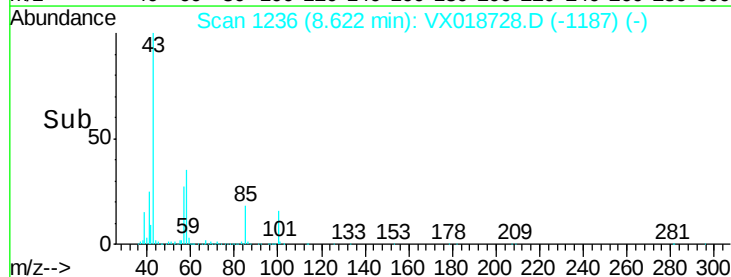
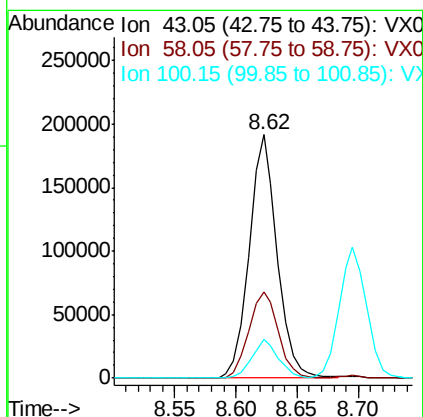
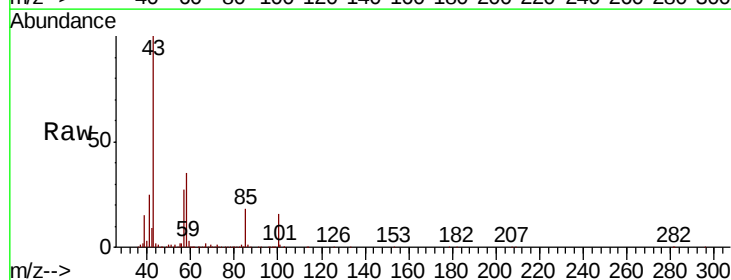
Tot Ion: 75 Resp: 76466
Ion Ratio Lower Upper
75 100
77 31.1 23.0 42.8

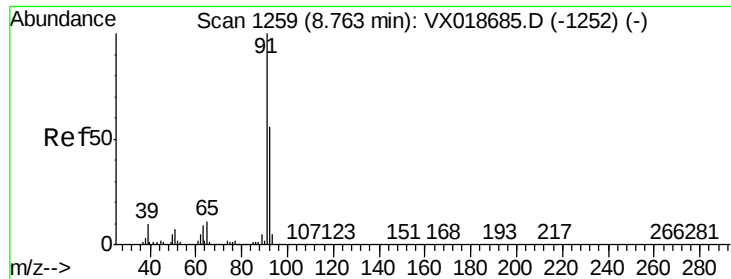


#40

4-Methyl-2-pentanone
Concen: 53.264 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Tgt Ion: 43 Resp: 303230
Ion Ratio Lower Upper
43 100
58 37.6 30.2 45.4
100 15.3 11.8 17.8





#42

Toluene

Concen: 5.376 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

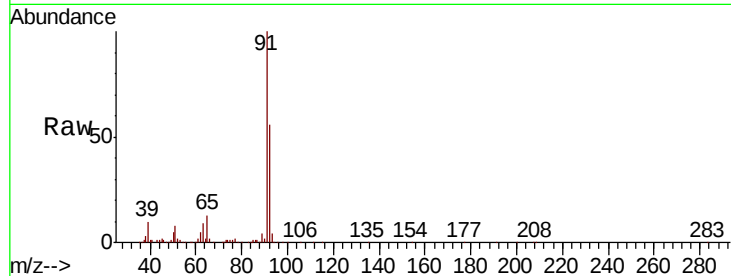
ClientSampleId :

Tot Ion: 91 Resp: 223549

Ion Ratio Lower Upper

91 100

92 56.3 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX018685.D (-1252) (-)

Ion 92.15 (91.85 to 92.85): VX018685.D (-1252) (-)

8.77

150000

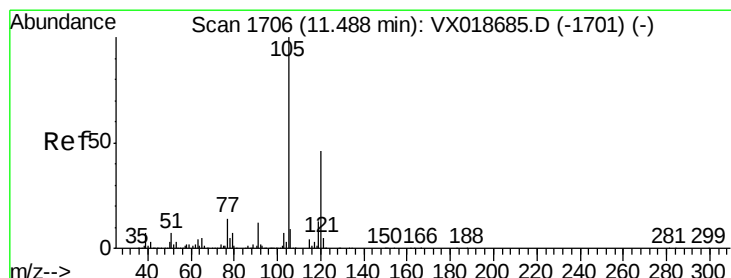
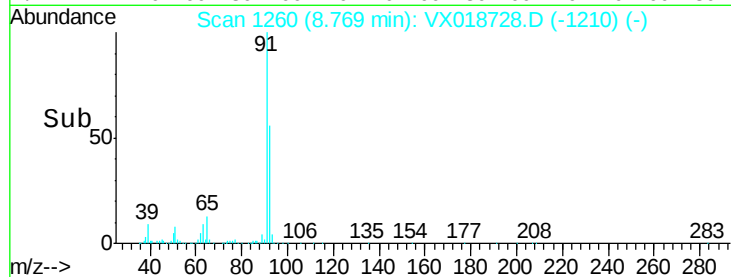
100000

50000

0

8.70 8.75 8.80 8.85

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 5.755 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018728.D

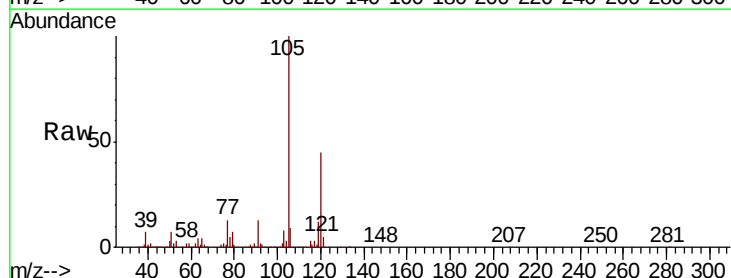
Acq: 01 Oct 2020 16:33

Tgt Ion: 105 Resp: 209216

Ion Ratio Lower Upper

105 100

120 47.5 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): VX018685.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018685.D (-1701) (-)

11.49

200000

150000

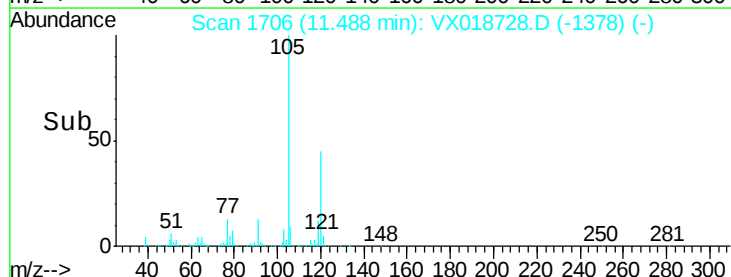
100000

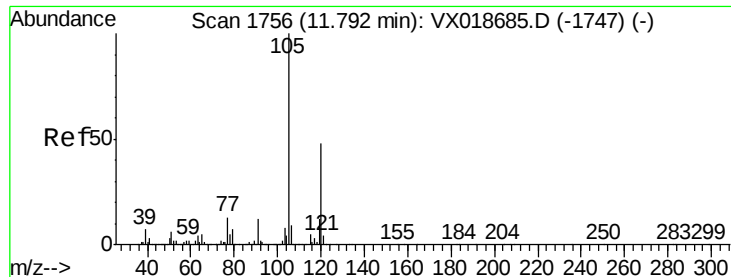
50000

0

11.45 11.50 11.55

Time-->

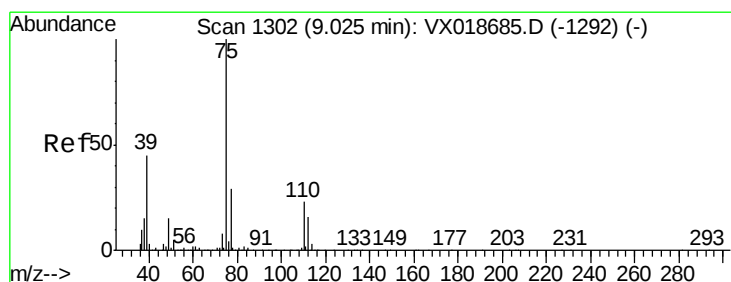
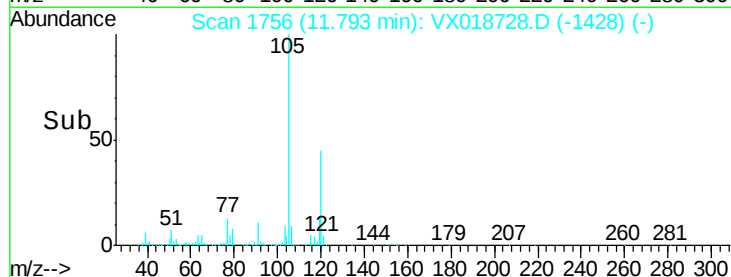
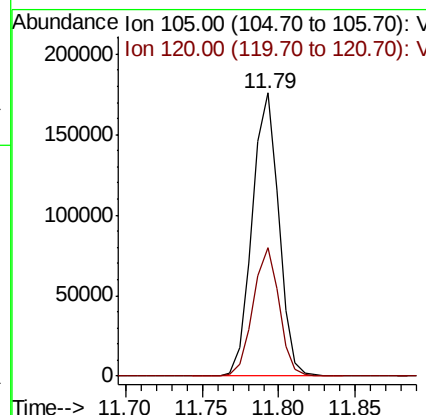
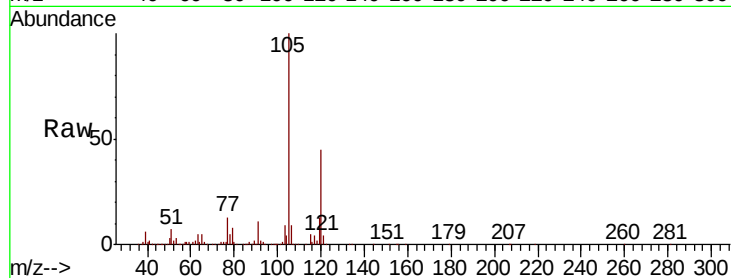




#44
 1,2,4-Trimethylbenzene
 Concen: 5.841 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

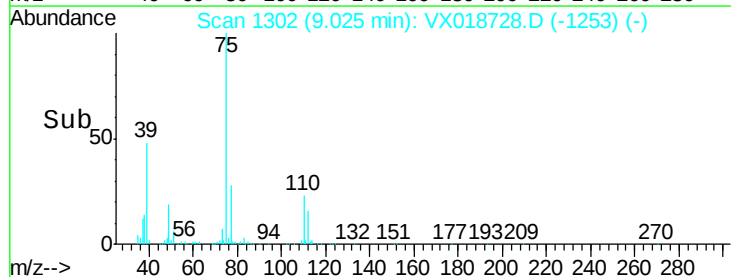
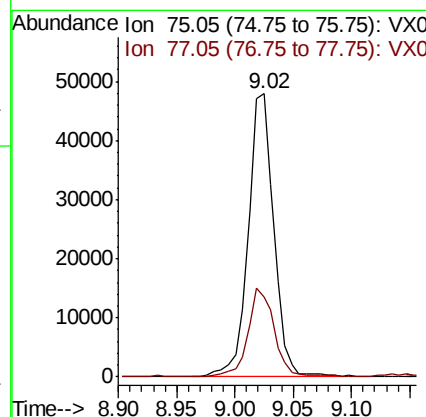
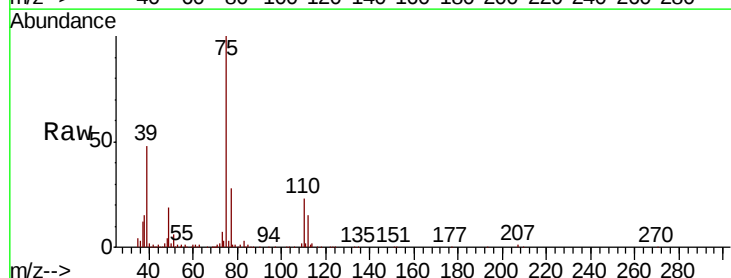
Instrument :
 MSVOA_X
 ClientSampled :

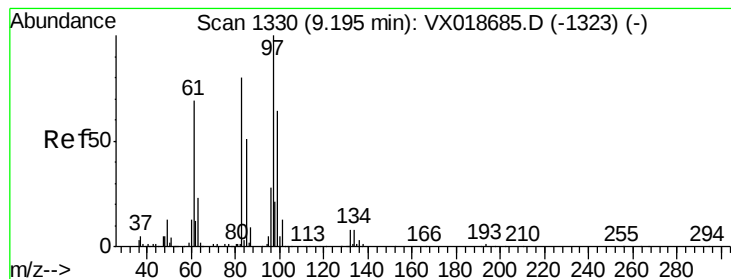
Tot Ion: 105 Resp: 212417
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.8 55.2



#46
 trans-1,3-Dichloropropene
 Concen: 5.549 ug/L
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Tgt Ion: 75 Resp: 73719
 Ion Ratio Lower Upper
 75 100
 77 28.2 21.2 39.4





#47

1,1,2-Trichloroethane

Concen: 5.073 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 37393

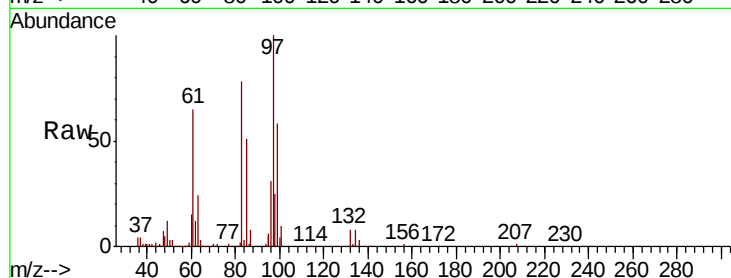
Ion Ratio Lower Upper

97 100

99 58.3 38.9 72.2

83 77.8 61.9 114.9

85 51.0 37.2 69.2



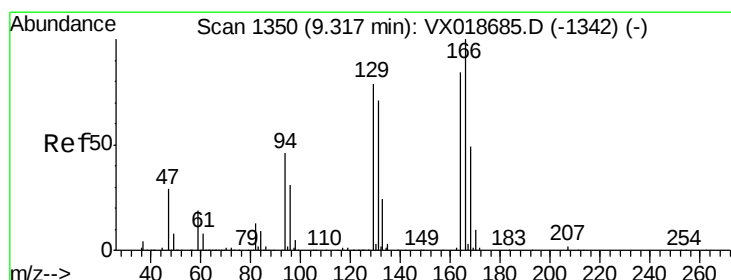
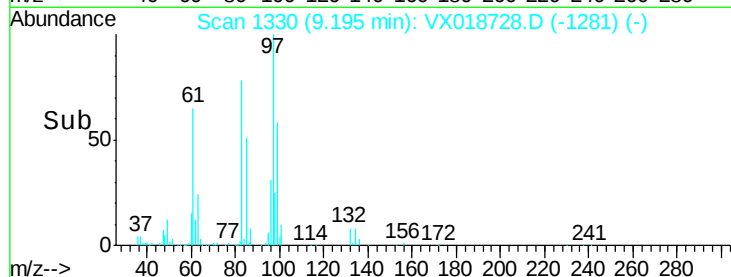
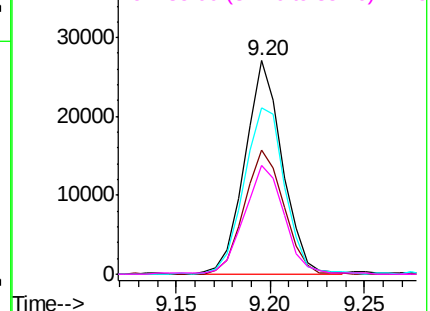
Abundance

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: 5.921 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Tgt Ion: 164 Resp: 51922

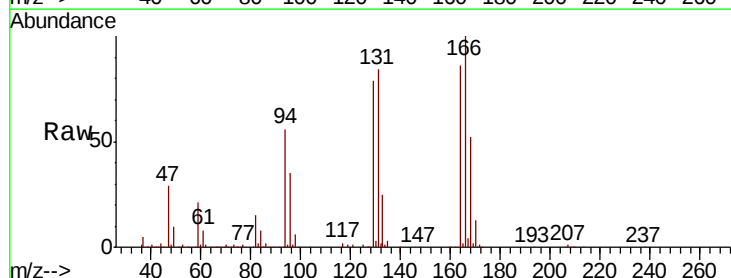
Ion Ratio Lower Upper

164 100

129 91.6 65.9 122.3

131 97.6 61.4 114.0

166 116.1 91.0 169.0



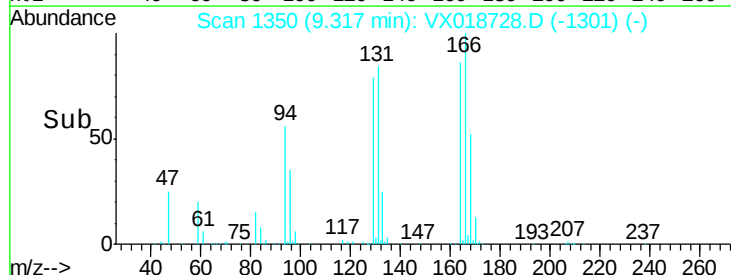
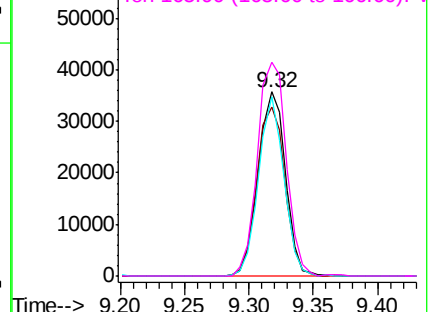
Abundance

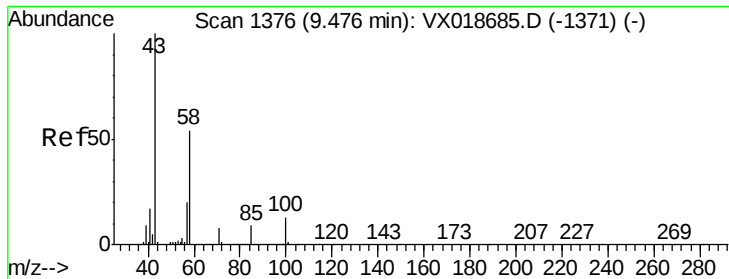
Ion 163.90 (163.60 to 164.60): V

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

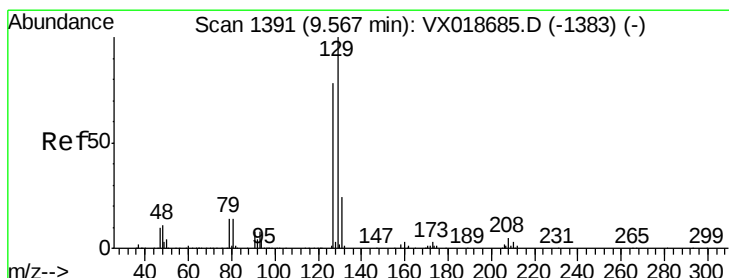
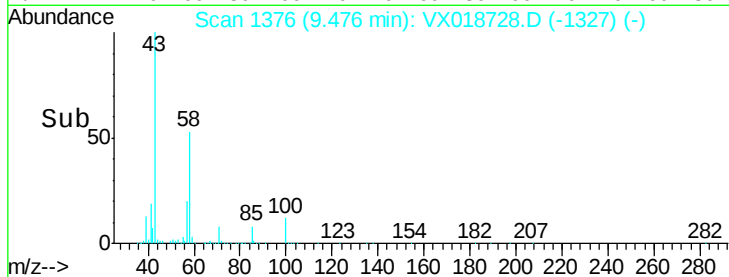
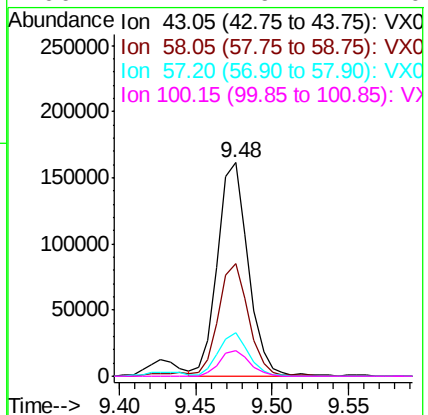
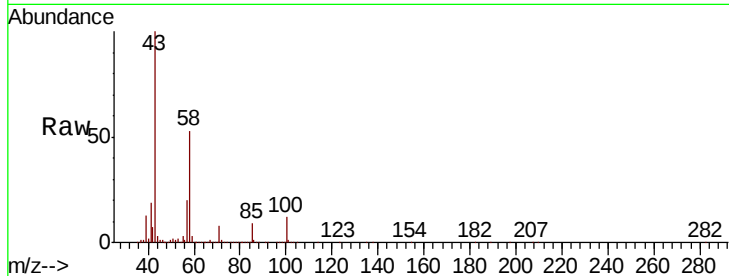




#50
2-Hexanone
Concen: 55.699 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

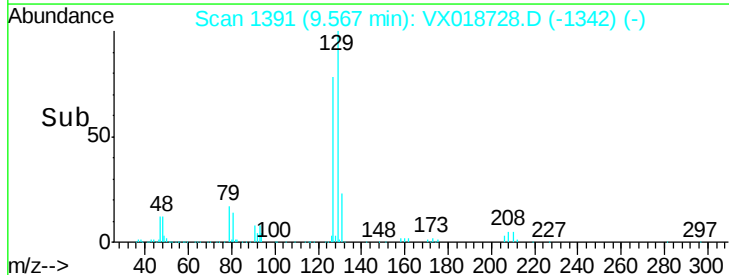
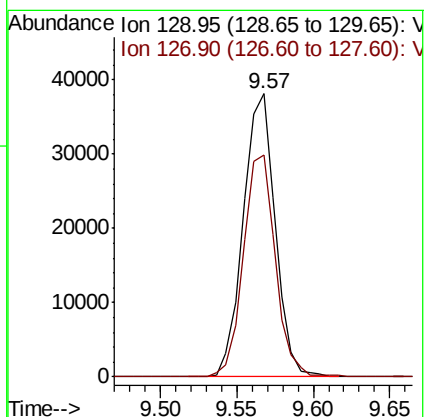
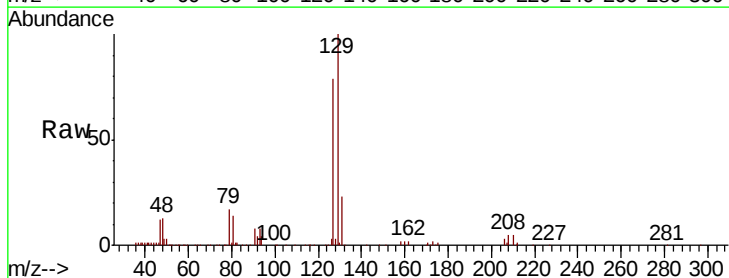
Instrument :
MSVOA_X
ClientSampleId :

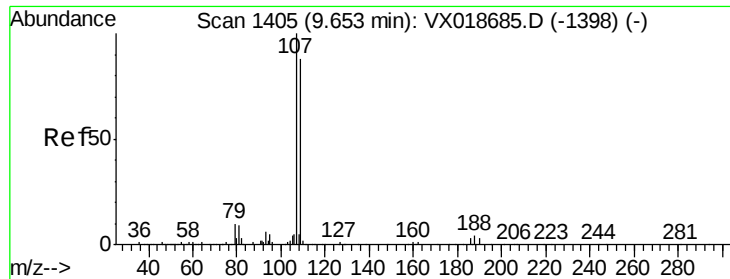
Tot Ion:	43	Resp:	224445
Ion	Ratio	Lower	Upper
43	100		
58	54.3	42.5	63.7
57	20.3	15.9	23.9
100	12.2	9.4	14.0



#51
Dibromochloromethane
Concen: 5.749 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Tgt Ion:	129	Resp:	55452
Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.0	102.2





#52

1,2-Dibromoethane

Concen: 5.332 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018728.D

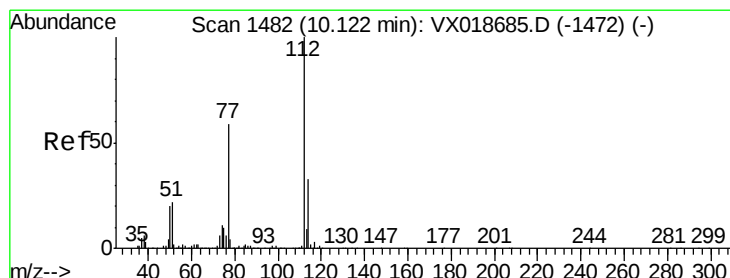
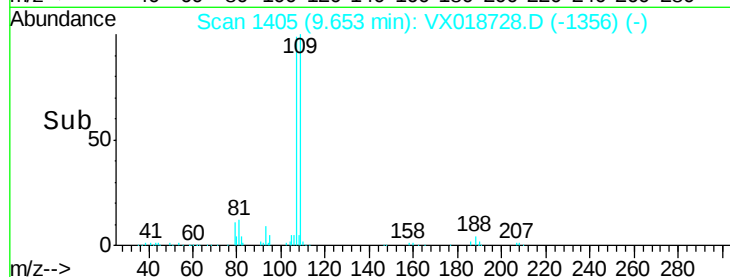
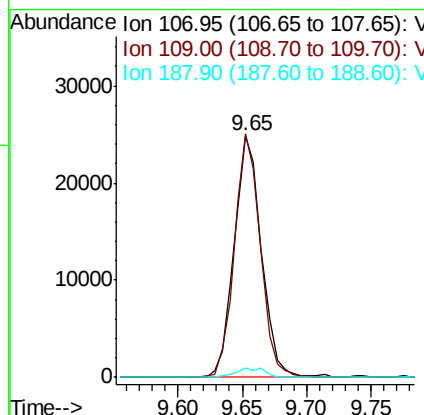
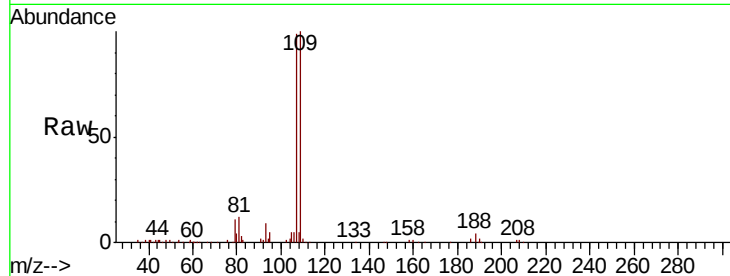
Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	107	Resp:	36612
Ion	Ratio	Lower	Upper
107	100		
109	100.9	63.4	117.8
188	3.8	4.1	6.1#



#53

Chlorobenzene

Concen: 5.314 ug/L

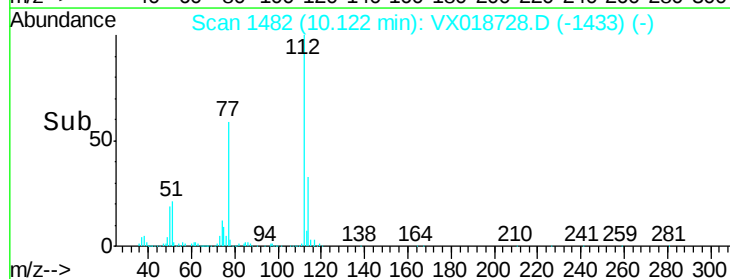
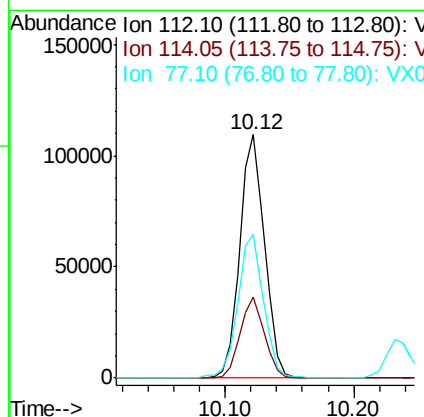
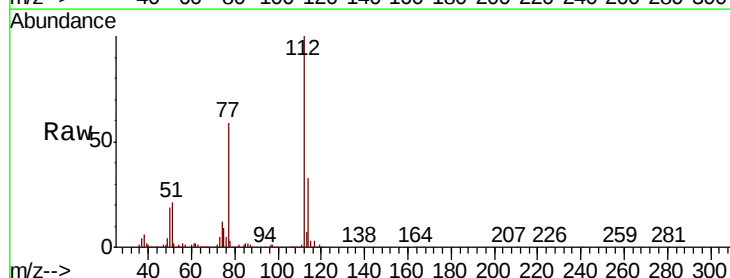
RT: 10.12 min Scan# 1482

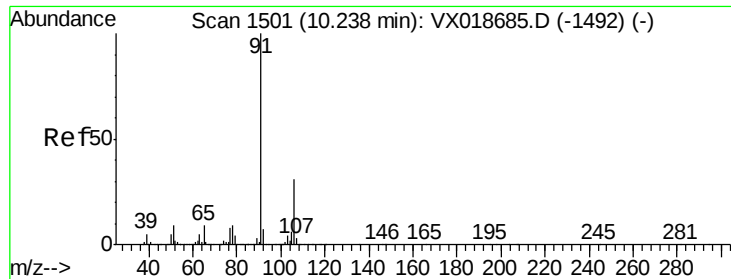
Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Tgt Ion:	112	Resp:	145964
Ion	Ratio	Lower	Upper
112	100		
114	33.3	20.6	38.4
77	59.3	46.6	69.8





#54

Ethylbenzene

Concen: 5.488 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

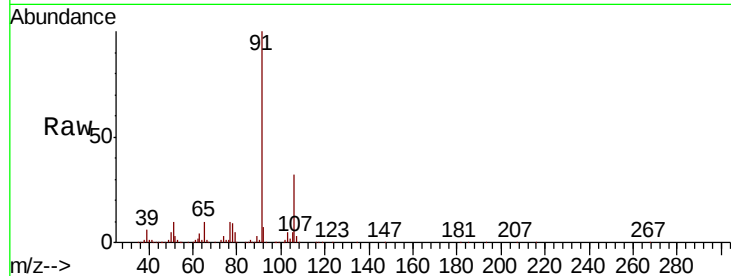
ClientSampleId :

Tot Ion: 91 Resp: 248544

Ion Ratio Lower Upper

91 100

106 32.0 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V

10.23

200000

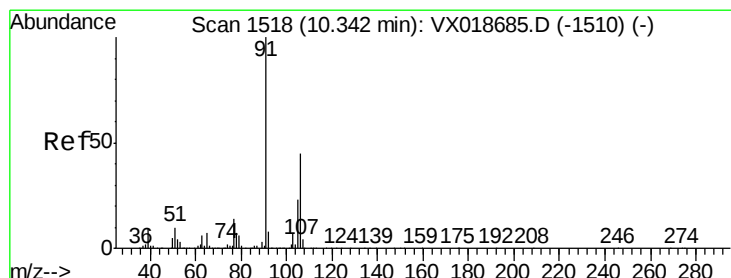
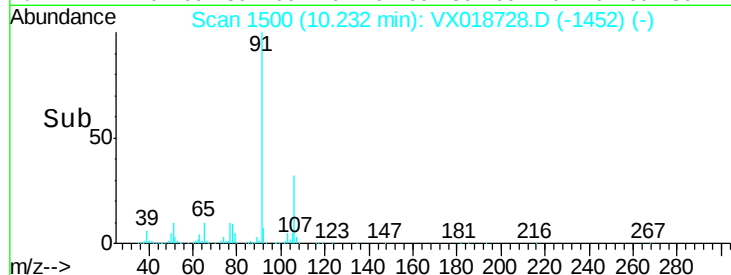
150000

100000

50000

0

Time-->



#55

m,p-xylene

Concen: 5.540 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018728.D

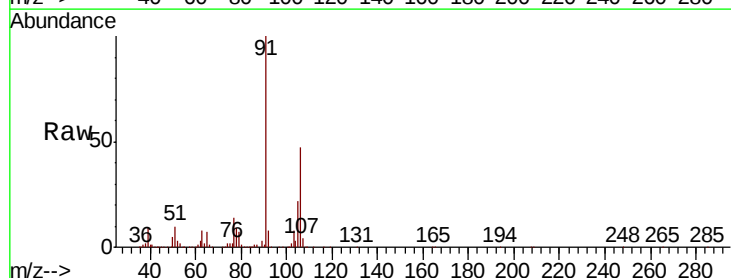
Acq: 01 Oct 2020 16:33

Tgt Ion: 106 Resp: 95947

Ion Ratio Lower Upper

106 100

91 214.0 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

200000

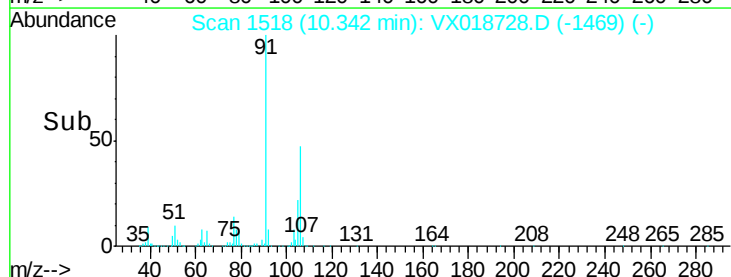
150000

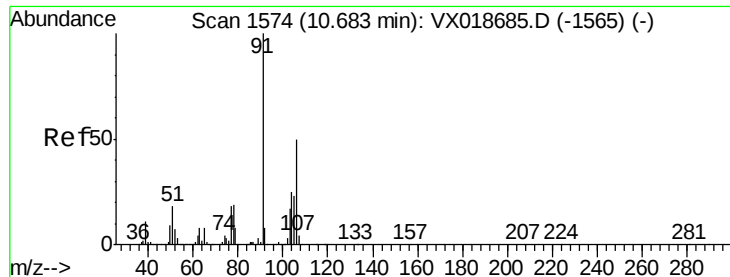
100000

50000

0

Time-->





#56

o-xylene

Concen: 5.604 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

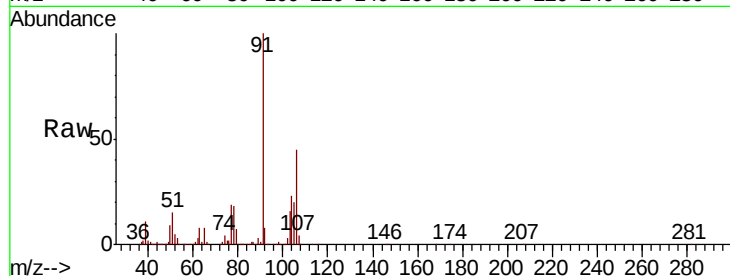
ClientSampleId :

Tot Ion:106 Resp: 91696

Ion Ratio Lower Upper

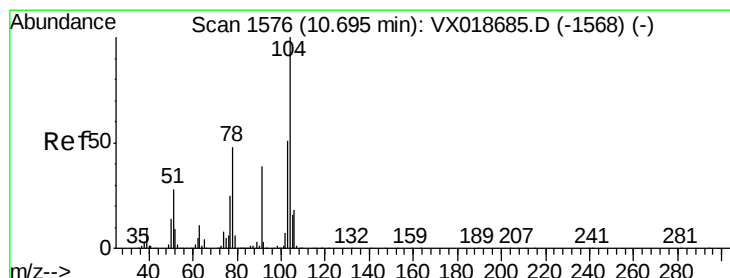
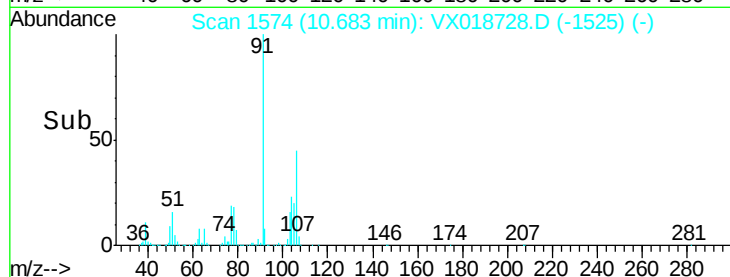
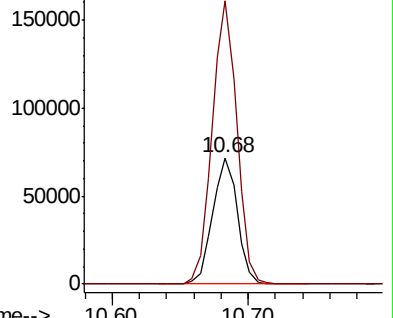
106 100

91 224.0 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 5.636 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018728.D

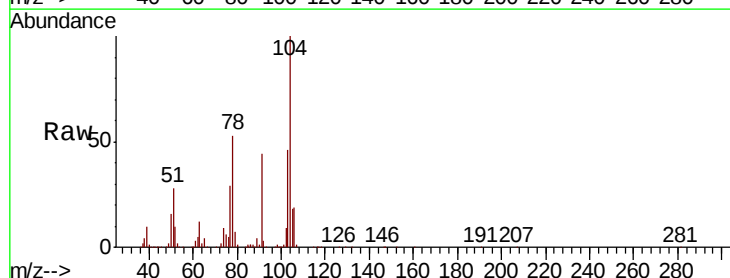
Acq: 01 Oct 2020 16:33

Tgt Ion:104 Resp: 152269

Ion Ratio Lower Upper

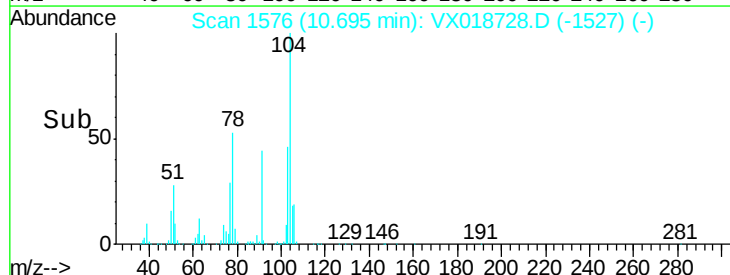
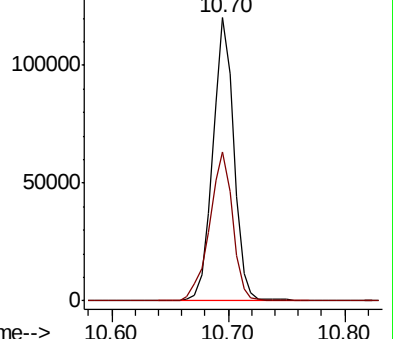
104 100

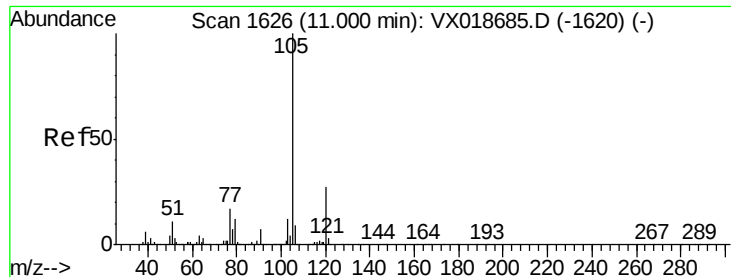
78 52.9 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 5.891 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

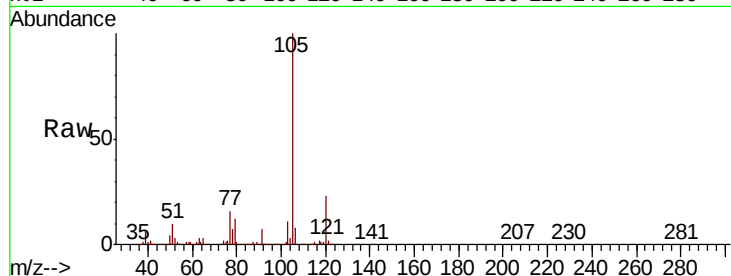
Tot Ion:105 Resp: 258448

Ion Ratio Lower Upper

105 100

120 24.3 21.2 31.8

77 16.4 13.3 19.9

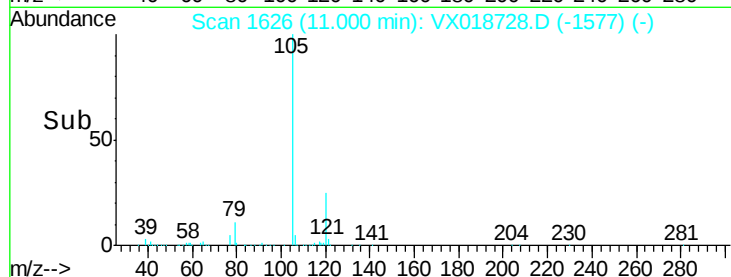


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V

Time-->

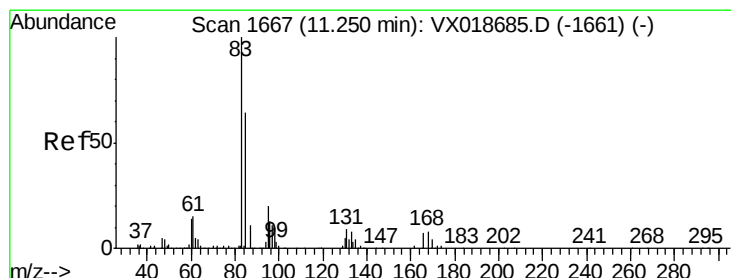


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V

Time-->



#60

1,1,2,2-Tetrachloroethane

Concen: 5.251 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

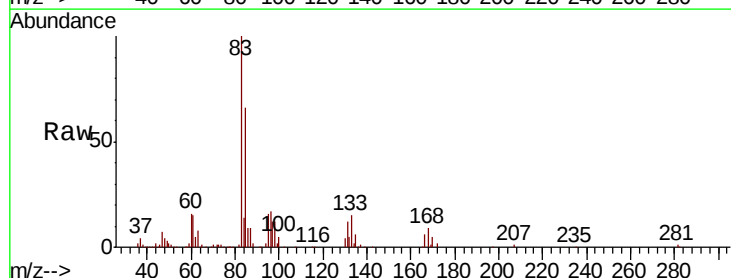
Tgt Ion: 83 Resp: 43712

Ion Ratio Lower Upper

83 100

85 65.5 48.5 90.1

131 12.0 7.8 11.6#

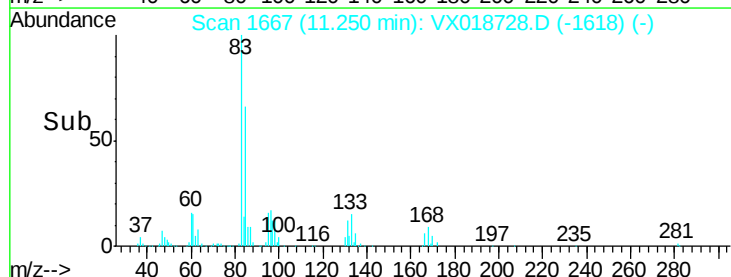


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

Time-->

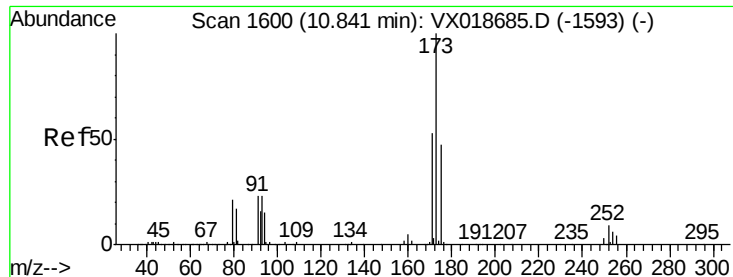


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

Time-->



#62

Bromoform

Concen: 5.795 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

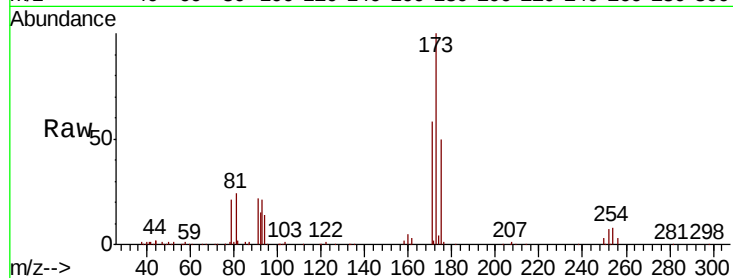
Tot Ion:173 Resp: 32549

Ion Ratio Lower Upper

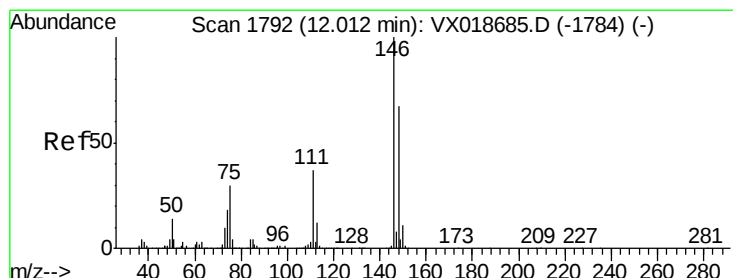
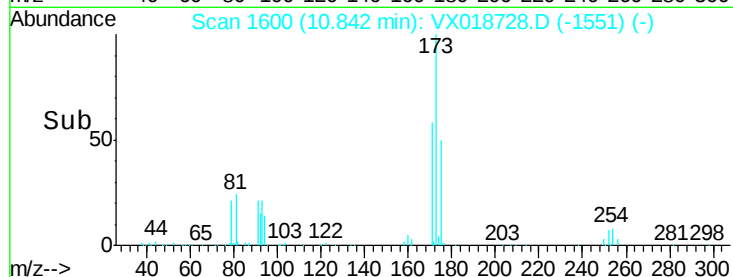
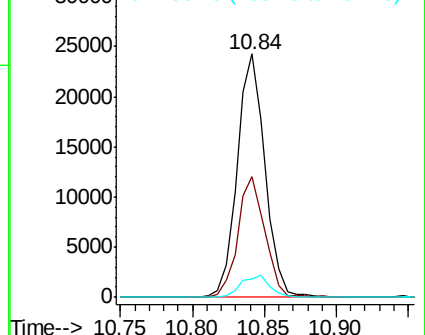
173 100

175 48.7 41.6 62.4

254 9.2 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: 5.351 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018728.D

Acq: 01 Oct 2020 16:33

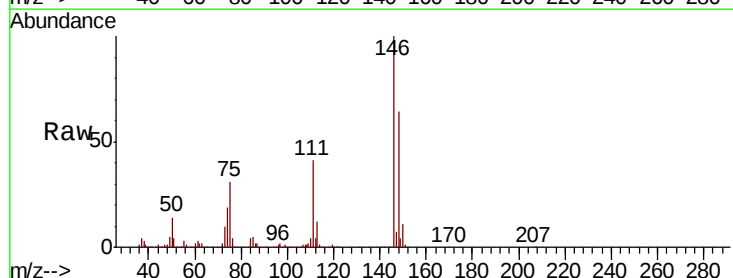
Tgt Ion:146 Resp: 122713

Ion Ratio Lower Upper

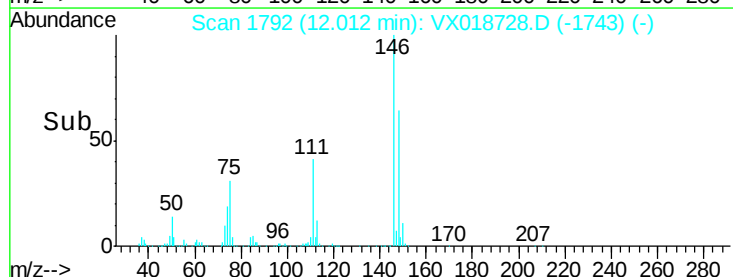
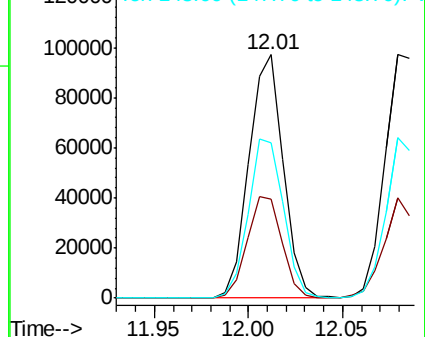
146 100

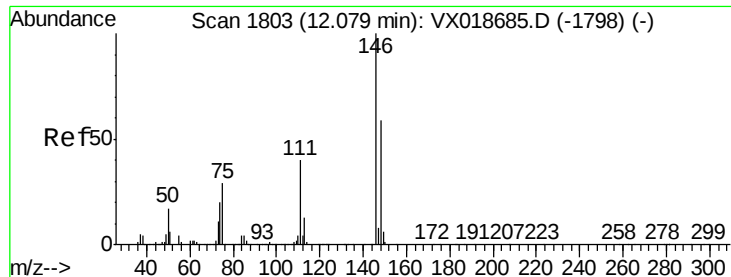
111 40.5 26.7 49.7

148 63.7 44.4 82.5



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

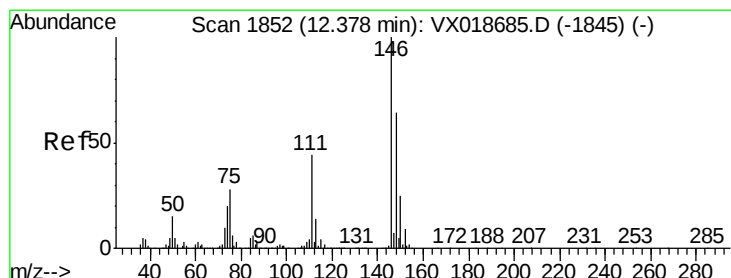
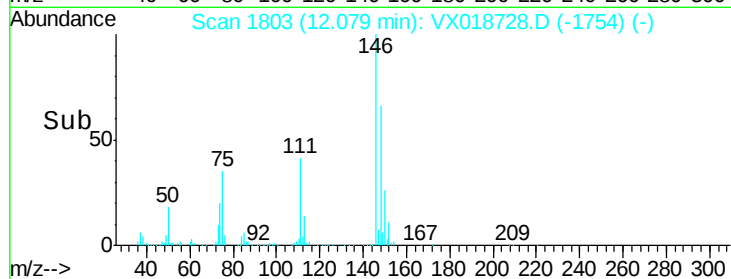
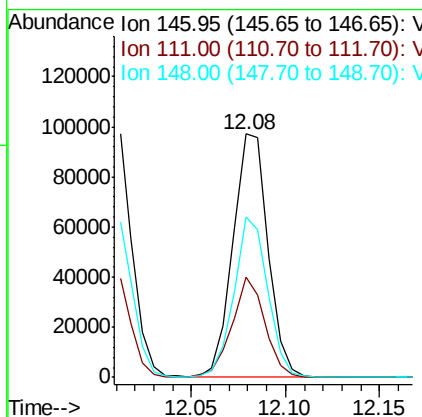
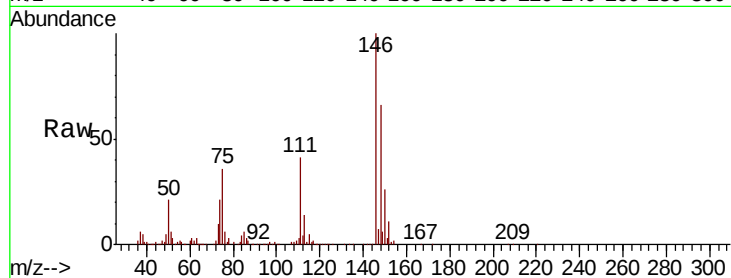




#64
1,4-Dichlorobenzene
Concen: 5.424 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

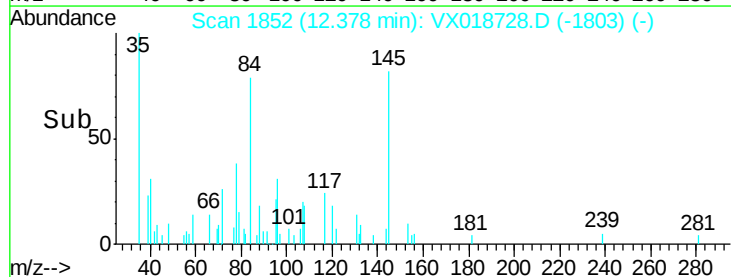
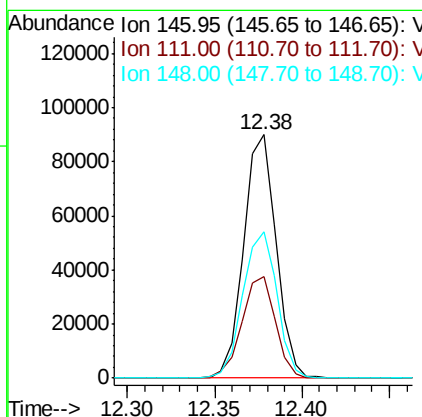
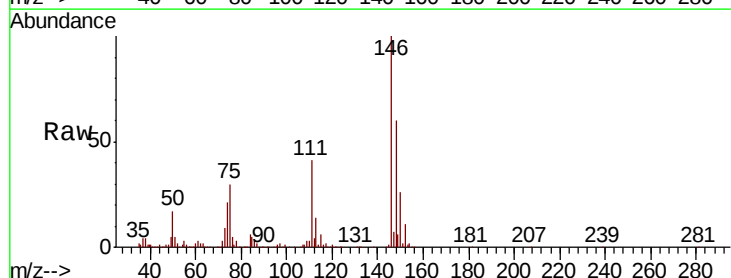
Instrument :
MSVOA_X
ClientSampleId :

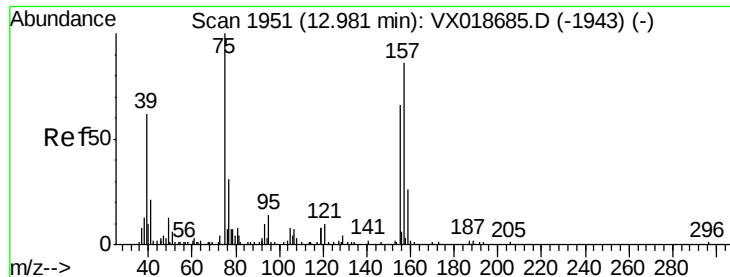
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	28.8	53.4
148	66.1	44.9	83.3



#66
1,2-Dichlorobenzene
Concen: 5.430 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018728.D
Acq: 01 Oct 2020 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.6	50.4
148	60.2	53.4	80.2

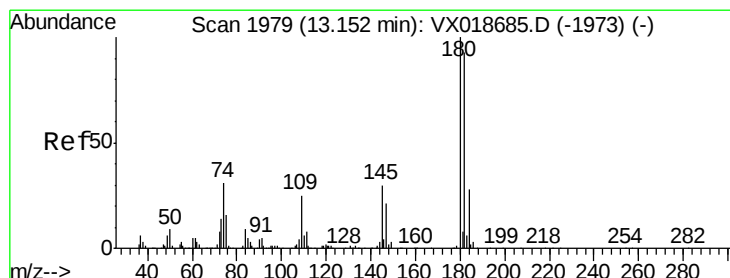
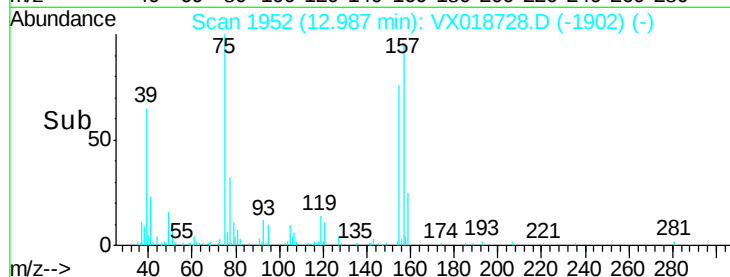
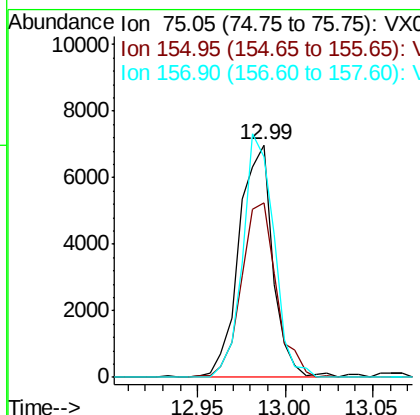
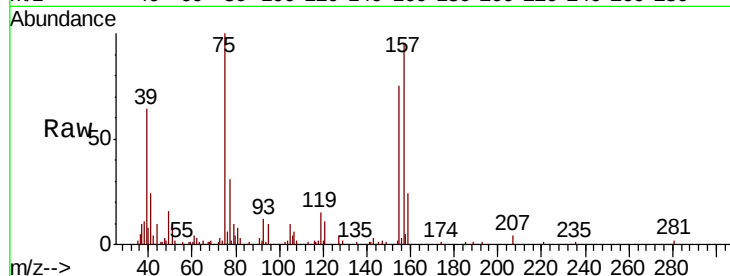




#67
 1,2-Dibromo-3-chloropropane
 Concen: 5.178 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

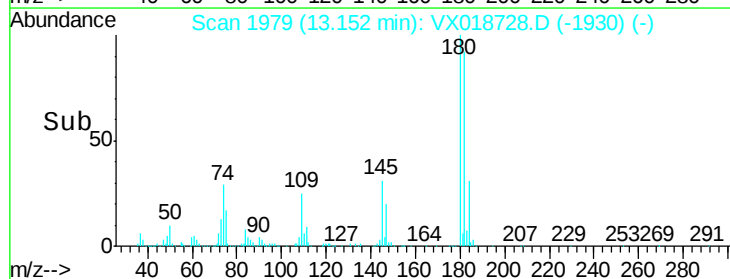
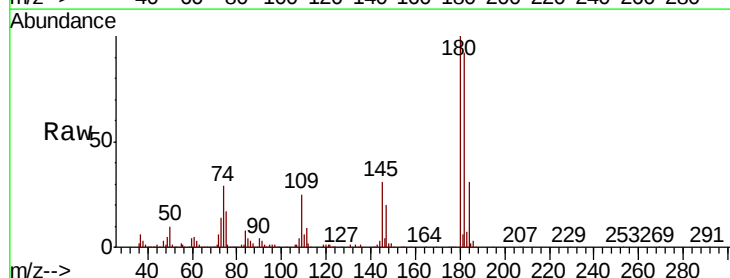
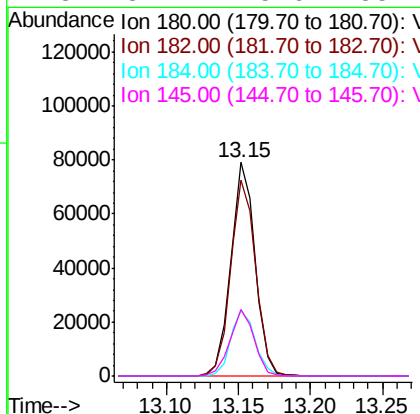
Instrument :
 MSVOA_X
 ClientSampleId :

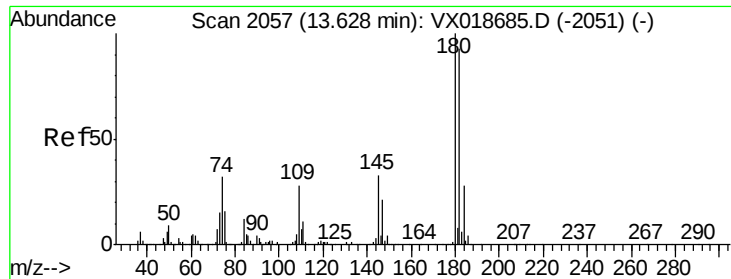
Tot Ion: 75 Resp: 9407
 Ion Ratio Lower Upper
 75 100
 155 75.3 54.6 81.8
 157 95.1 73.5 110.3



#68
 1,3,5-Trichlorobenzene
 Concen: 5.433 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Tgt Ion: 180 Resp: 93549
 Ion Ratio Lower Upper
 180 100
 182 95.2 72.4 108.6
 184 30.9 25.3 37.9
 145 31.2 25.6 38.4

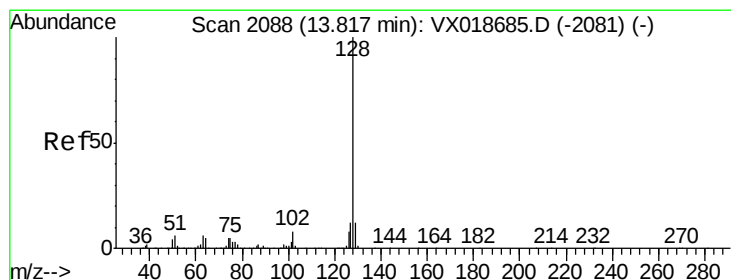
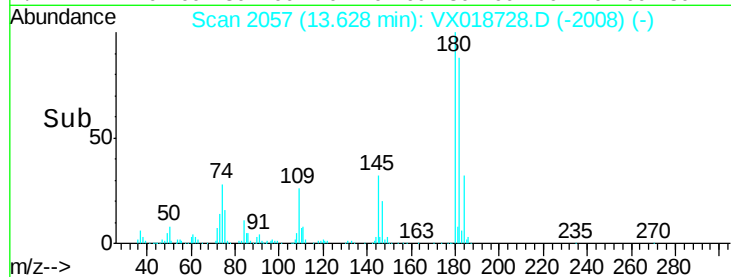
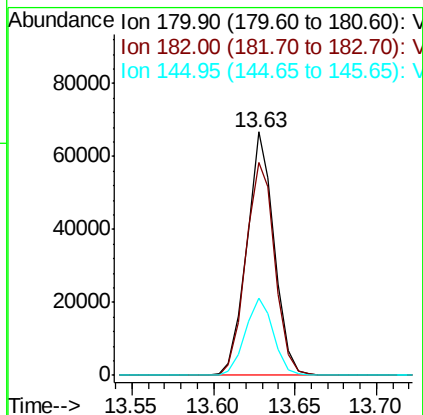
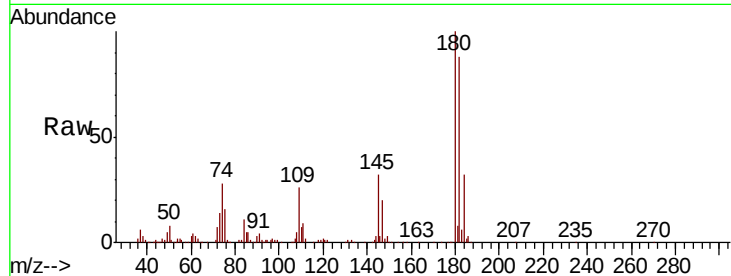




#69
 1,2,4-trichlorobenzene
 Concen: 5.548 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

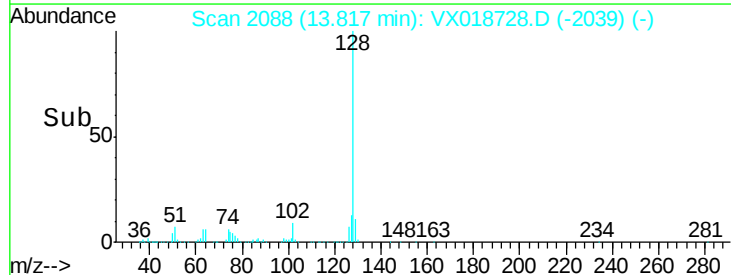
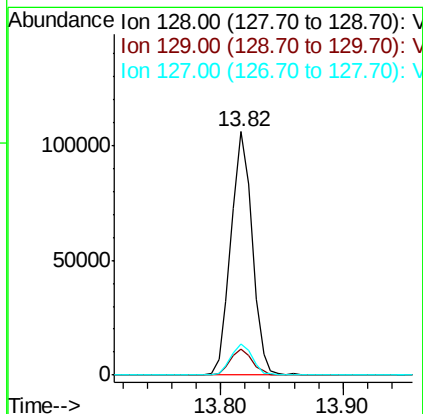
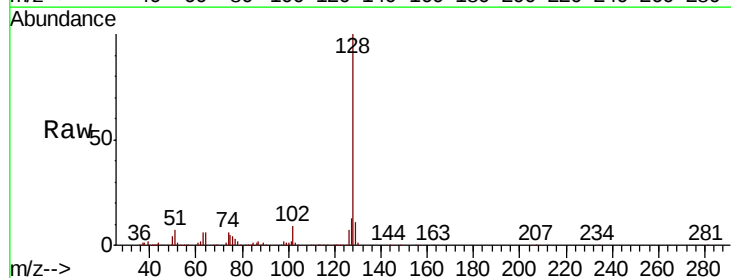
Instrument :
 MSVOA_X
 ClientSampleId :

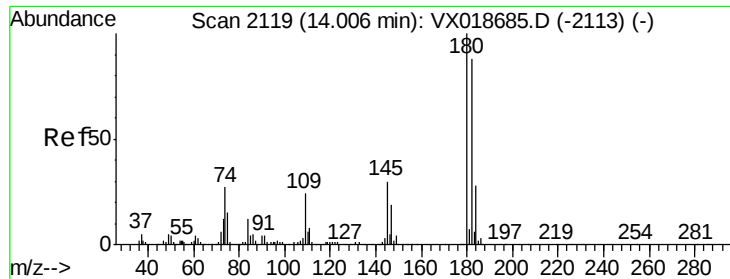
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	74.6	112.0
145	32.2	25.0	37.6



#70
 Naphthalene
 Concen: 5.340 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.7	16.1





#71
 1,2,3-Trichlorobenzene
 Concen: 5.496 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018728.D
 Acq: 01 Oct 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.3	77.7	116.5
145	33.8	28.6	42.8

