

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090220\
 Data File : VX018217.D
 Acq On : 02 Sep 2020 15:27
 Operator : JC/SP
 Sample : MDL05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Quant Time: Sep 03 05:00:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:54:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	656781	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	621298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	287874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	245040	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.46%
7) Chloroethane-d5	1.70	69	193447	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.04%
11) 1,1-Dichloroethene-d2	2.34	63	376901	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.02%
21) 2-Butanone-d5	4.53	46	337395	91.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.96%
24) Chloroform-d	5.14	84	466340	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	6.03	65	338715	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	6.05	84	910951	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
36) 1,2-Dichloropropane-d6	7.37	67	290212	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.04%
41) Toluene-d8	8.70	98	846688	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%
43) trans-1,3-Dichloropropene-	8.99	79	154906	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.72%
47) 2-Hexanone-d5	9.43	63	250170	97.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	11.23	84	368000	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	12.36	152	332883	53.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	11524	2.062	ug/L	99
3) Chloromethane	1.31	50	10463	2.044	ug/L	97
6) Bromomethane	1.64	94	6533	2.245	ug/L	99
8) Chloroethane	1.72	64	6351	2.122	ug/L	100
9) Trichlorofluoromethane	1.92	101	16862	1.996	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	12293	2.677	ug/L	87
13) Acetone	2.42	43	9024	4.315	ug/L	81
14) Carbon disulfide	2.56	76	28238	2.063	ug/L	96
16) Methylene chloride	2.84	84	12572	2.567	ug/L	87
17) trans-1,2-Dichloroethene	3.14	96	9444	2.038	ug/L	95
18) Methyl tert-butyl Ether	3.16	73	26403	1.825	ug/L	98
19) 1,1-Dichloroethane	3.67	63	17820	2.052	ug/L	95
20) cis-1,2-Dichloroethene	4.57	96	5901	1.191	ug/L #	93
22) 2-Butanone	4.65	43	13006	3.793	ug/L	86
23) Bromochloromethane	4.98	128	6077	2.192	ug/L	81
25) Chloroform	5.18	83	40322	4.059	ug/L	92
27) 1,2-Dichloroethane	6.17	62	16568	2.201	ug/L	98

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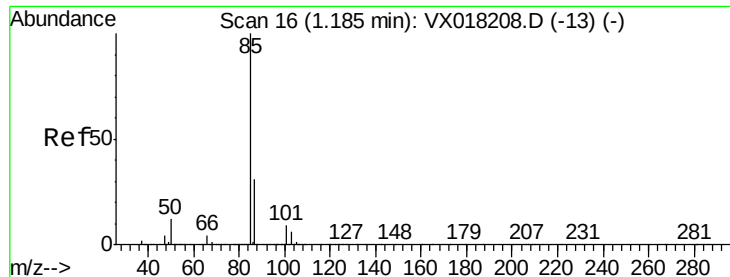
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Quant Time: Sep 03 05:00:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

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

29) Cyclohexane	5.55	56	7849	1.148	ug/L #	58
30) 1,1,1-Trichloroethane	5.46	97	14974	1.755	ug/L #	81
31) Carbon tetrachloride	5.75	117	15260	1.964	ug/L	99
33) Benzene	6.12	78	36012	2.003	ug/L	100
34) Trichloroethene	7.19	95	10773	2.135	ug/L #	88
35) Methylcyclohexane	7.45	83	13306	1.897	ug/L	100
37) 1,2-Dichloropropane	7.49	63	10127	2.127	ug/L #	95
38) Bromodichloromethane	7.88	83	13735	2.026	ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	15168	2.043	ug/L	94
40) 4-Methyl-2-pentanone	8.62	43	23842	3.694	ug/L	96
42) Toluene	8.77	91	36932	1.914	ug/L	96
44) trans-1,3-Dichloropropene	9.02	75	14632	1.874	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	9513	1.991	ug/L	87
46) Tetrachloroethene	9.32	164	8338	2.073	ug/L	92
49) Dibromochloromethane	9.57	129	11462	1.957	ug/L	99
50) 1,2-Dibromoethane	9.65	107	10656	2.106	ug/L	97
51) Chlorobenzene	10.12	112	25561	1.945	ug/L	96
52) Ethylbenzene	10.24	91	37709	1.753	ug/L	98
53) m,p-Xylene	10.34	106	14889	1.812	ug/L	85
54) o-xylene	10.68	106	13227	1.686	ug/L	93
55) Styrene	10.70	104	21356	1.576	ug/L	93
56) Isopropylbenzene	11.00	105	34037	1.622	ug/L	99
58) 1,1,2,2-Tetrachloroethane	11.25	83	14991	2.136	ug/L #	86
59) 1,2,3-Trichloropropane	11.28	75	11847	1.948	ug/L	93
61) Bromoform	10.84	173	7467	1.829	ug/L #	38
62) 1,3-Dichlorobenzene	12.01	146	17658	1.868	ug/L	95
63) 1,4-Dichlorobenzene	12.09	146	19494	2.025	ug/L	92
65) 1,2-Dichlorobenzene	12.38	146	20276	2.226	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.98	75	4304	2.527	ug/L	95
67) 1,3,5-Trichlorobenzene	13.15	180	12788	2.073	ug/L	95
68) 1,2,4-trichlorobenzene	13.63	180	10782	1.894	ug/L	98
69) Naphthalene	13.82	128	29843	1.658	ug/L	97
70) 1,2,3-Trichlorobenzene	14.00	180	11668	2.049	ug/L	91

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



#2

Dichlorodifluoromethane

Concen: 2.062 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

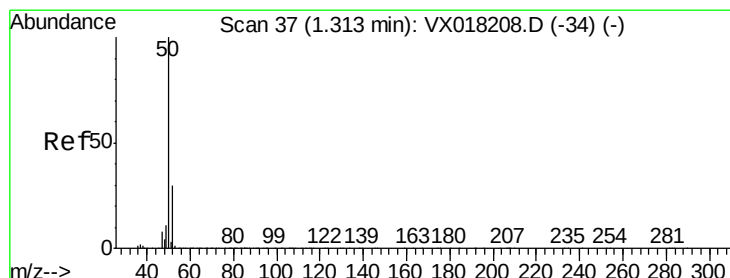
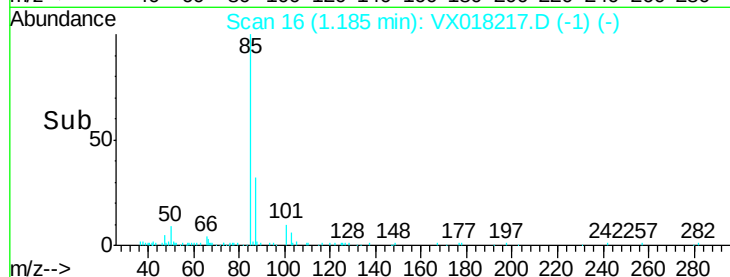
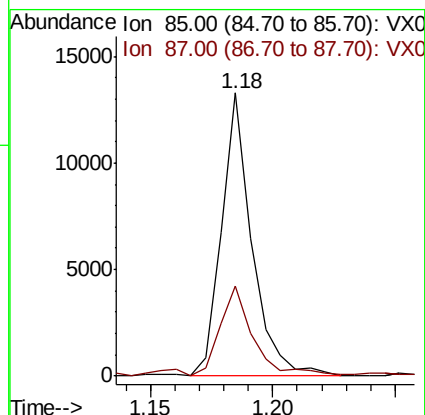
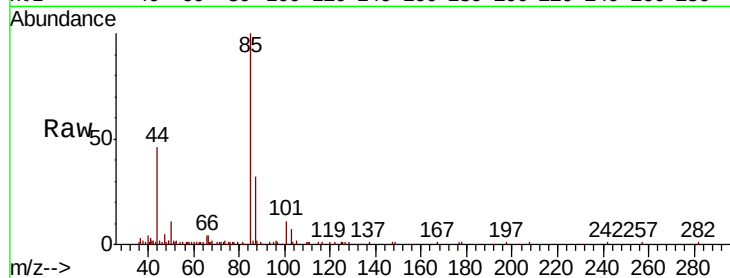
MDL05

Tot Ion: 85 Resp: 11524

Ion Ratio Lower Upper

85 100

87 32.2 25.2 37.8



#3

Chloromethane

Concen: 2.044 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018217.D

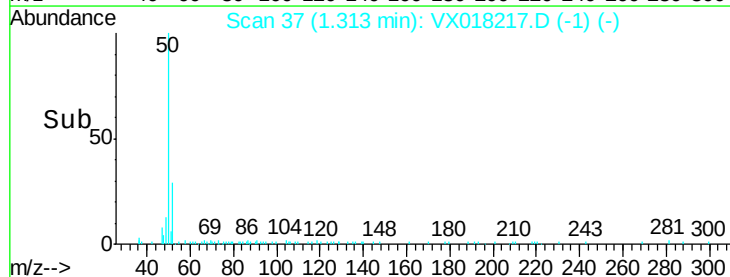
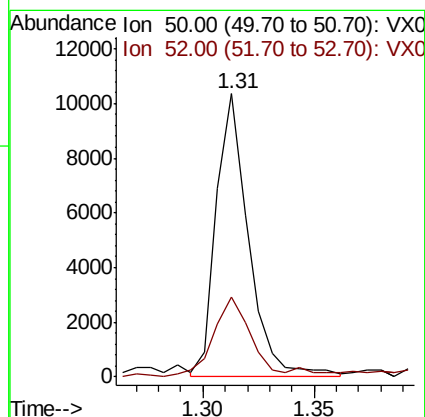
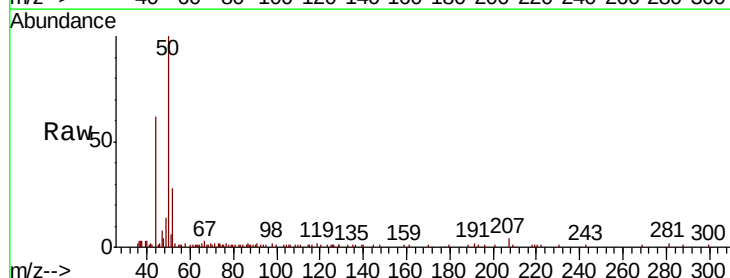
Acq: 02 Sep 2020 15:27

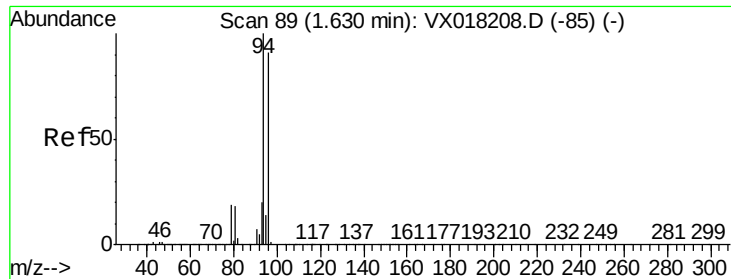
Tgt Ion: 50 Resp: 10463

Ion Ratio Lower Upper

50 100

52 28.4 21.0 39.0





#6

Bromomethane

Concen: 2.245 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

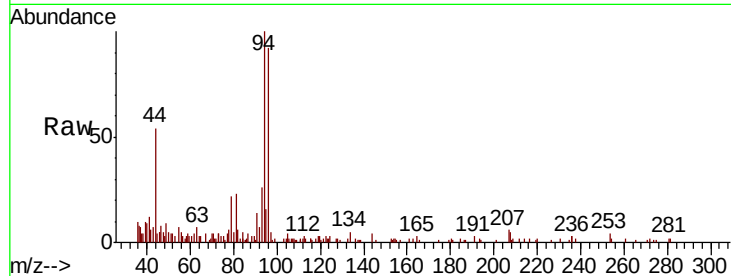
MDL05

Tot Ion: 94 Resp: 6533

Ion Ratio Lower Upper

94 100

96 92.4 63.9 118.7



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

6000

5000

4000

3000

2000

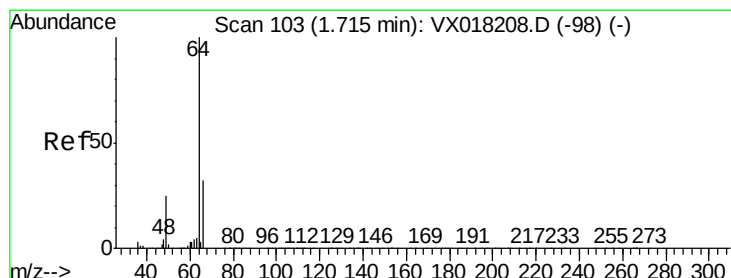
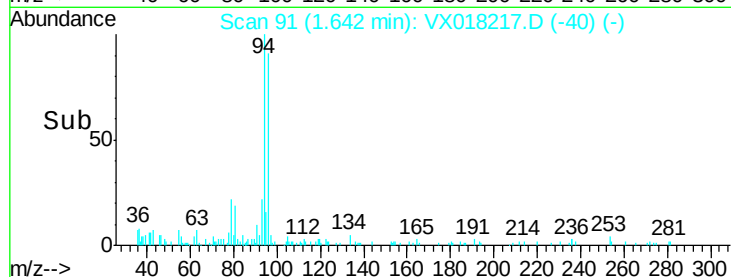
1000

0

1.60

1.65

Time-->



#8

Chloroethane

Concen: 2.122 ug/L

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018217.D

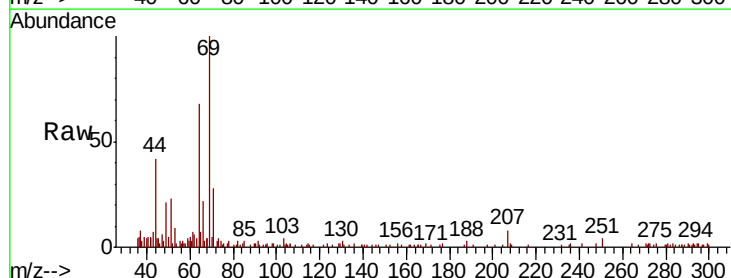
Acq: 02 Sep 2020 15:27

Tgt Ion: 64 Resp: 6351

Ion Ratio Lower Upper

64 100

66 32.2 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

5000

4000

3000

2000

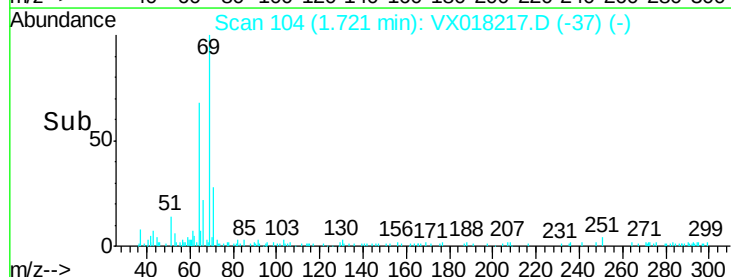
1000

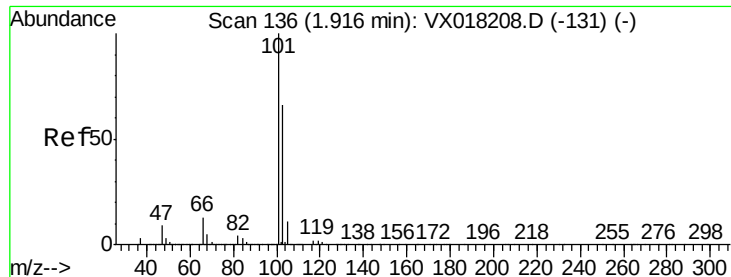
0

1.70

1.75

Time-->



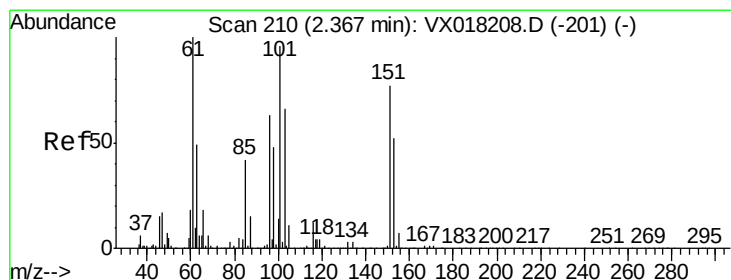
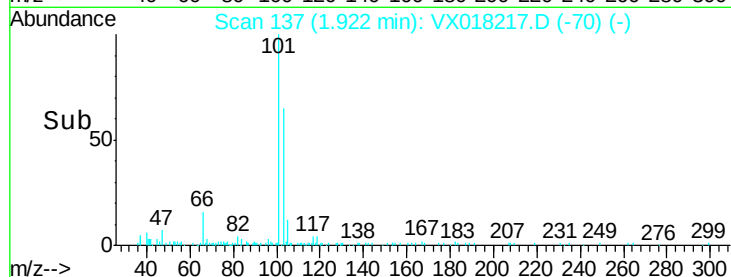
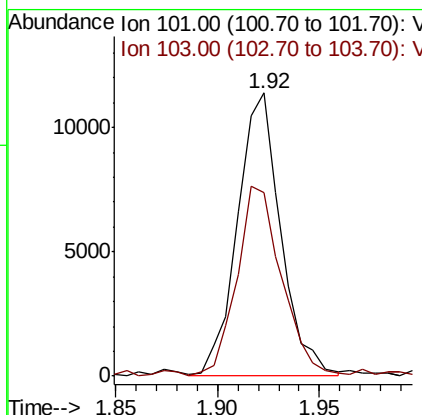
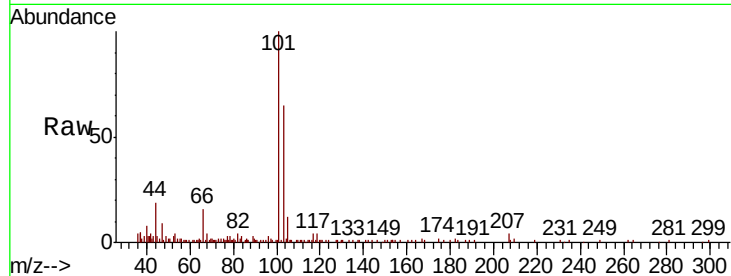


#9

Trichlorofluoromethane
Concen: 1.996 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampled :
MDL05

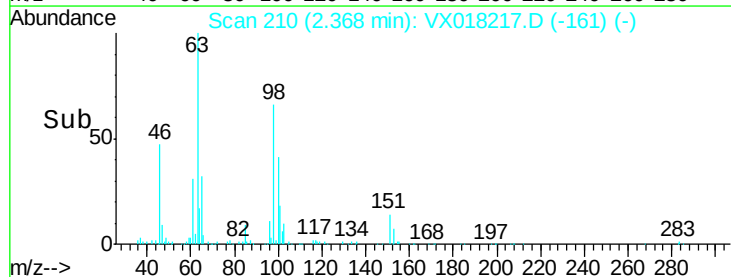
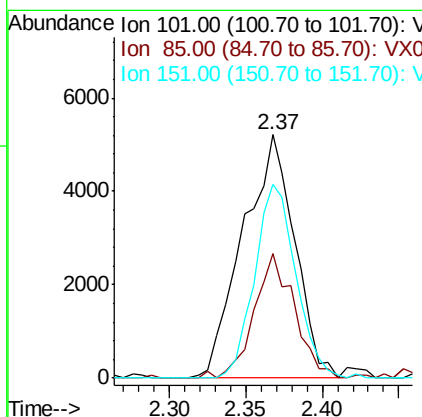
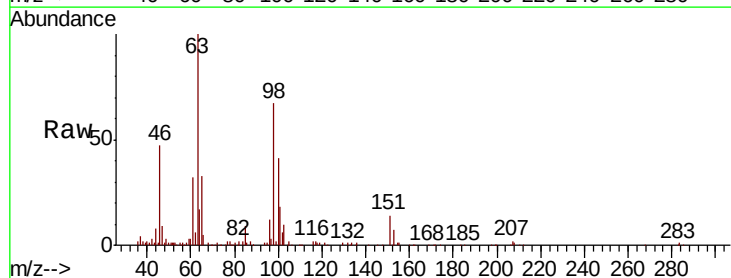
Tot Ion:101 Resp: 16862
Ion Ratio Lower Upper
101 100
103 69.4 51.4 77.2

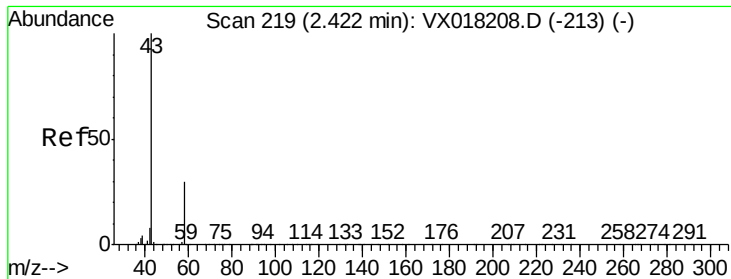


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.677 ug/L
RT: 2.37 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

Tgt Ion:101 Resp: 12293
Ion Ratio Lower Upper
101 100
85 39.3 35.8 53.6
151 63.4 61.6 92.4





#13

Acetone

Concen: 4.315 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampled :

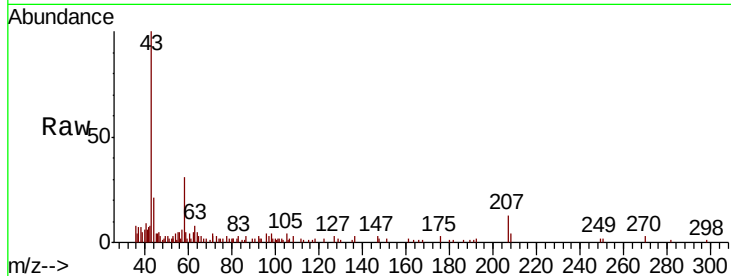
MDL05

Tot Ion: 43 Resp: 9024

Ion Ratio Lower Upper

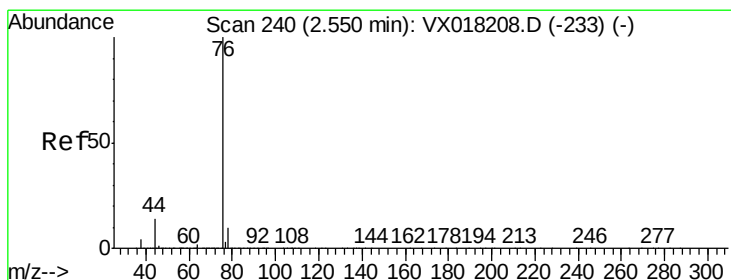
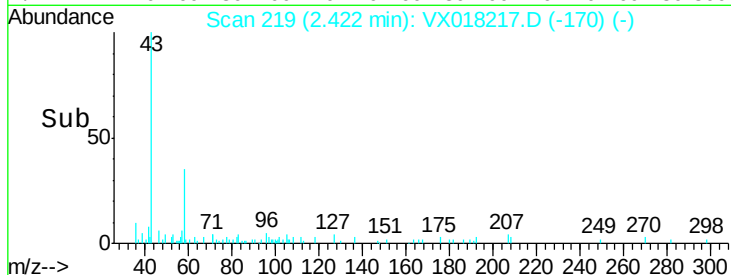
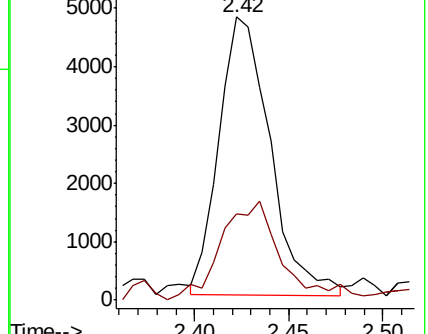
43 100

58 40.0 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#14

Carbon disulfide

Concen: 2.063 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018217.D

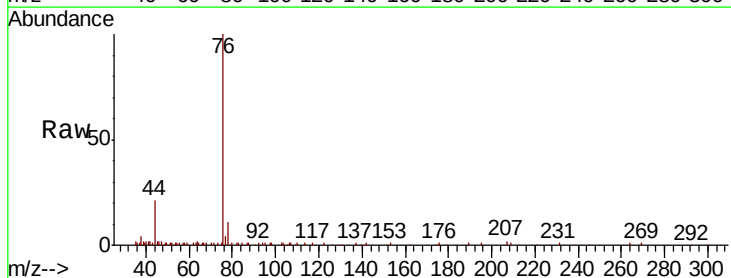
Acq: 02 Sep 2020 15:27

Tgt Ion: 76 Resp: 28238

Ion Ratio Lower Upper

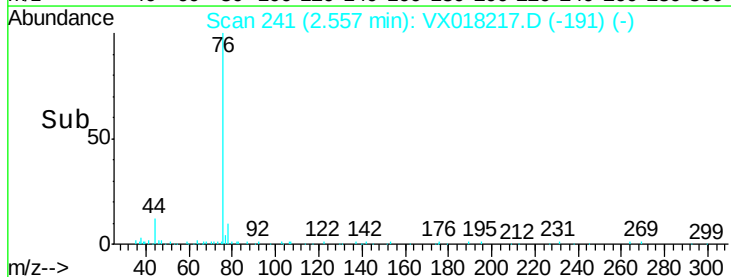
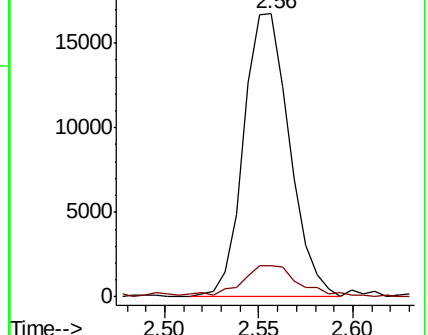
76 100

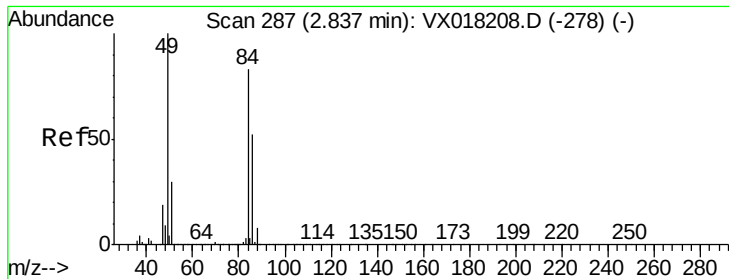
78 11.0 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



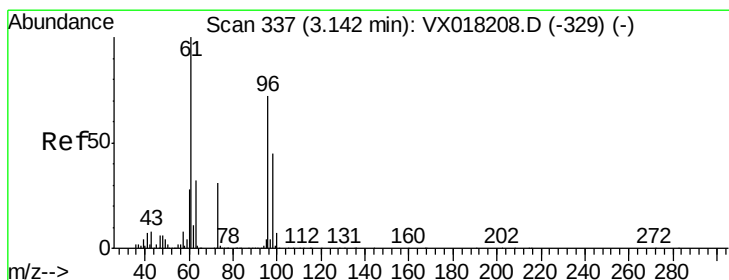
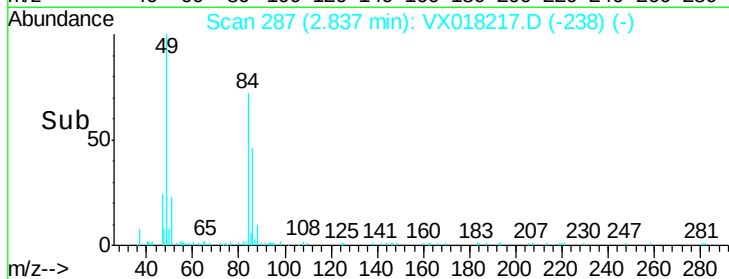
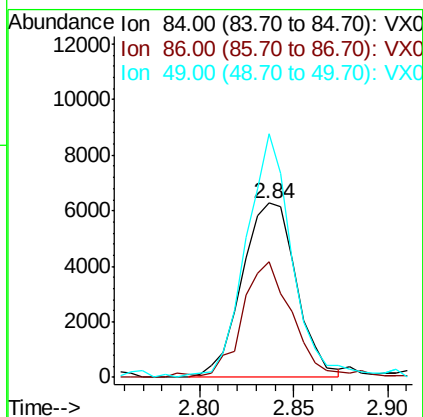
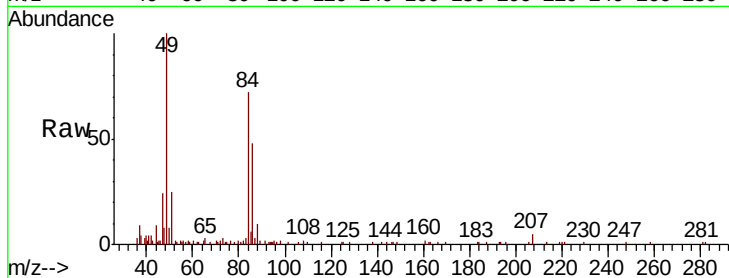


#16
Methylene chloride
Concen: 2.567 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

Instrument :
MSVOA_X
ClientSampled :
MDL05

Tot Ion: 84 Resp: 12572

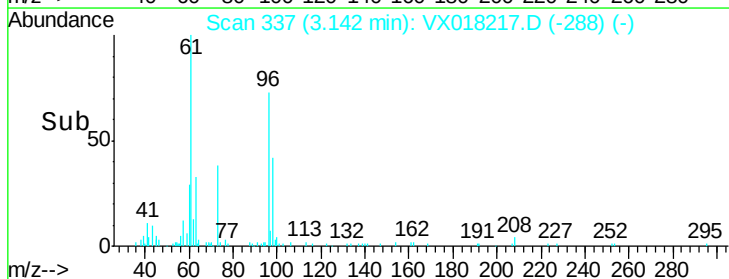
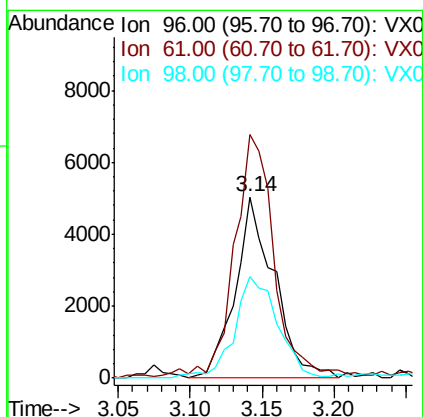
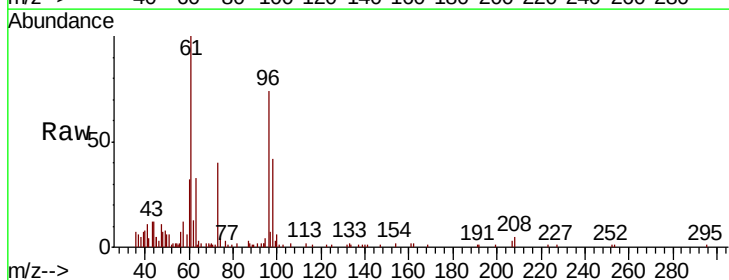
Ion	Ratio	Lower	Upper
84	100		
86	66.3	43.6	81.0
49	139.6	84.5	156.9

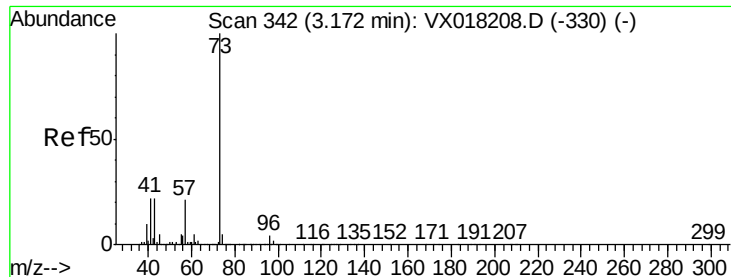


#17
trans-1,2-Dichloroethene
Concen: 2.038 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

Tgt Ion: 96 Resp: 9444

Ion	Ratio	Lower	Upper
96	100		
61	134.3	97.1	180.3
98	55.9	43.9	81.5





#18

Methyl tert-butyl Ether

Concen: 1.825 ug/L

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

MDL05

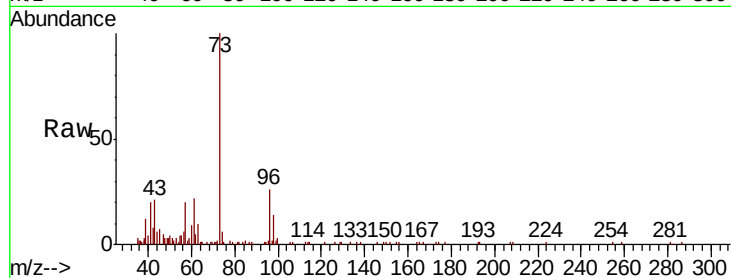
Tot Ion: 73 Resp: 26403

Ion Ratio Lower Upper

73 100

43 23.1 17.4 26.2

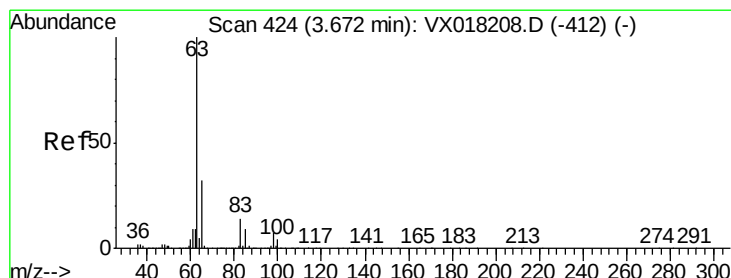
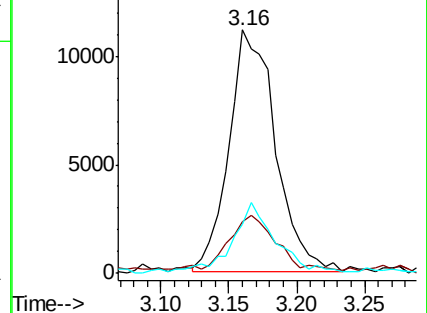
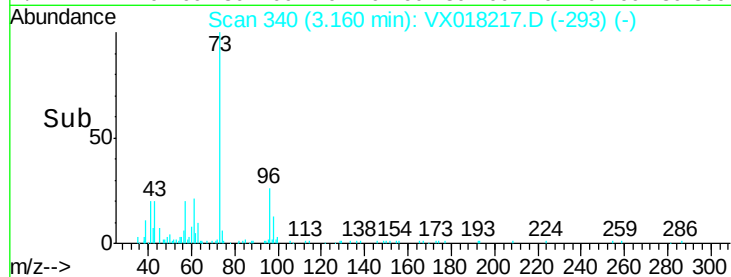
57 21.6 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#19

1,1-Dichloroethane

Concen: 2.052 ug/L

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

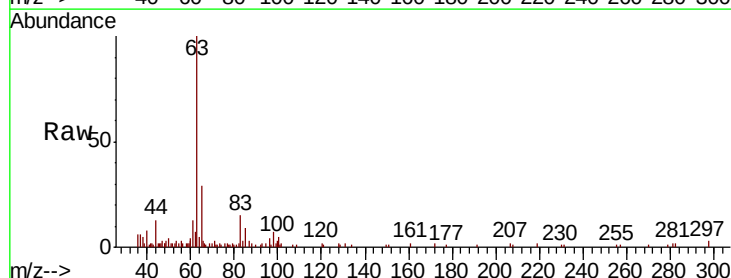
Tgt Ion: 63 Resp: 17820

Ion Ratio Lower Upper

63 100

65 29.2 22.7 42.3

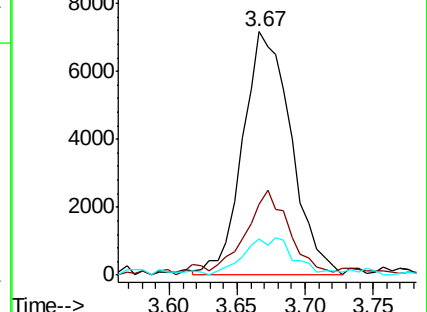
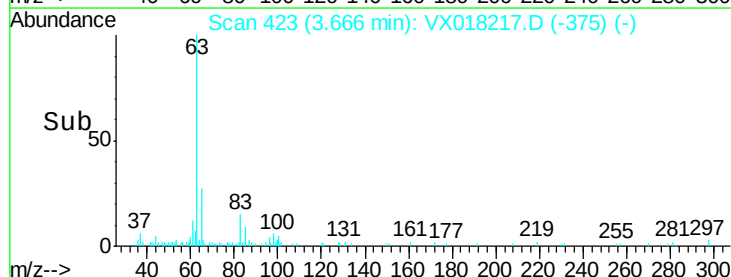
83 15.1 9.7 18.1

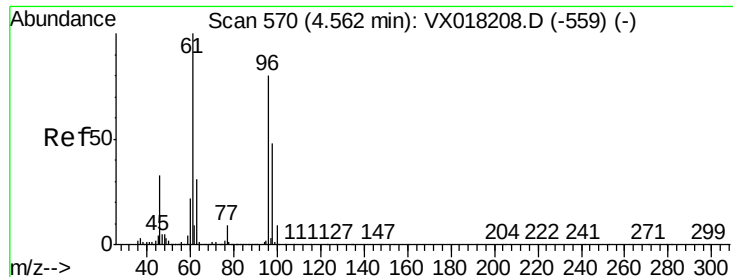


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 83.00 (82.70 to 83.70): VX0

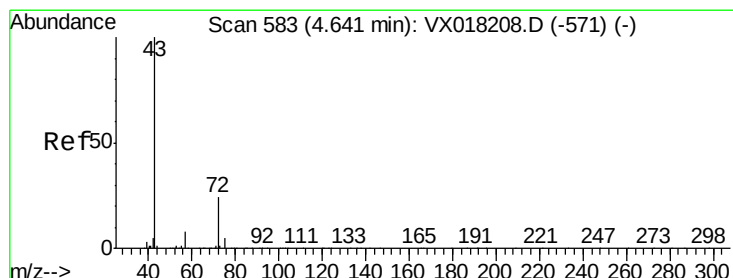
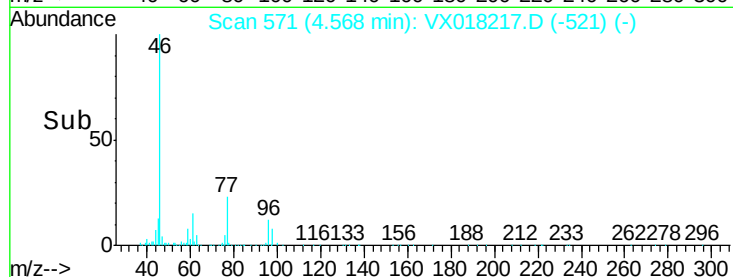
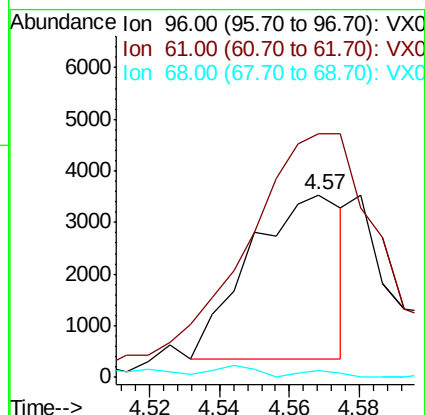
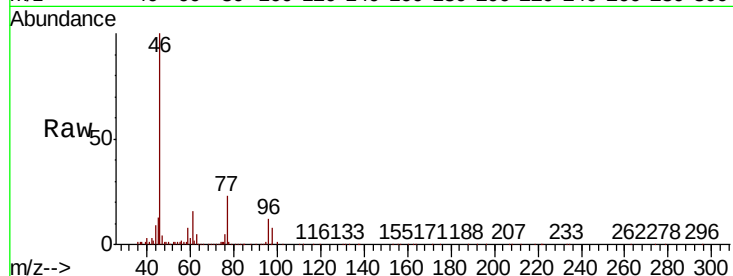




#20
 cis-1,2-Dichloroethene
 Concen: 1.191 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

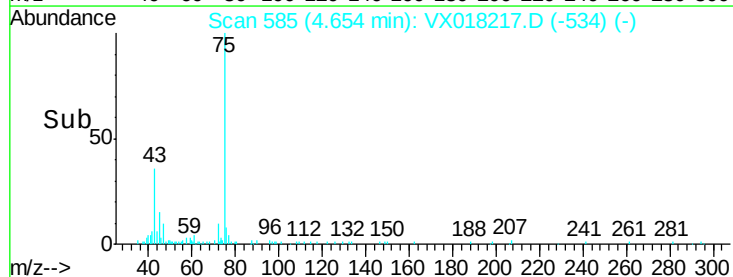
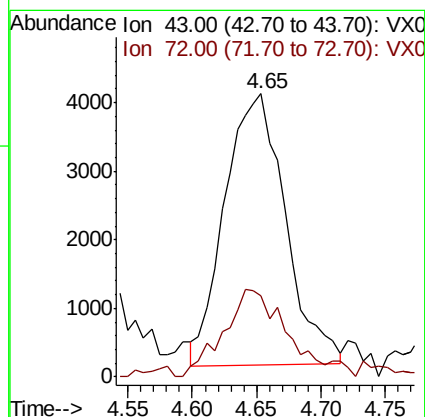
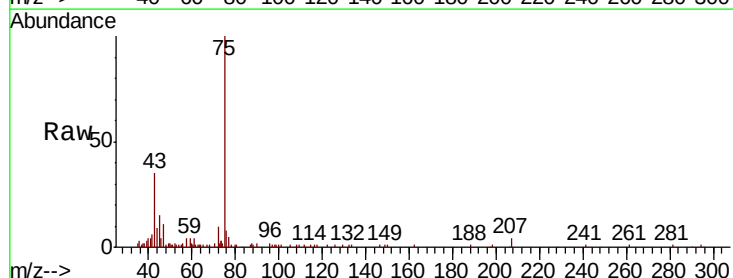
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

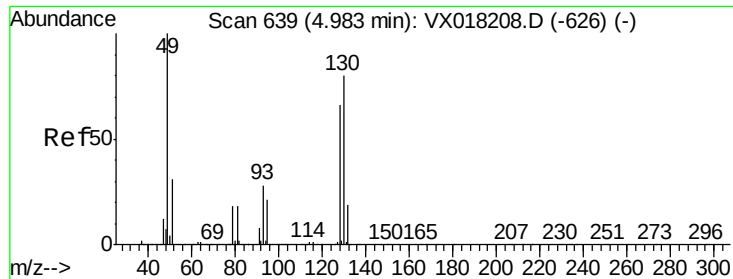
Tot Ion: 96 Resp: 5901
 Ion Ratio Lower Upper
 96 100
 61 133.2 88.0 163.4
 68 3.5 0.1 0.1#



#22
 2-Butanone
 Concen: 3.793 ug/L
 RT: 4.65 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Tgt Ion: 43 Resp: 13006
 Ion Ratio Lower Upper
 43 100
 72 32.5 12.7 38.1

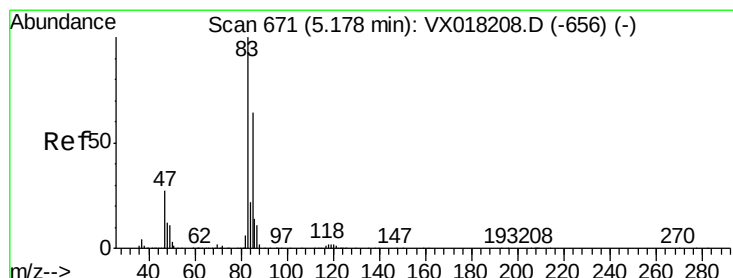
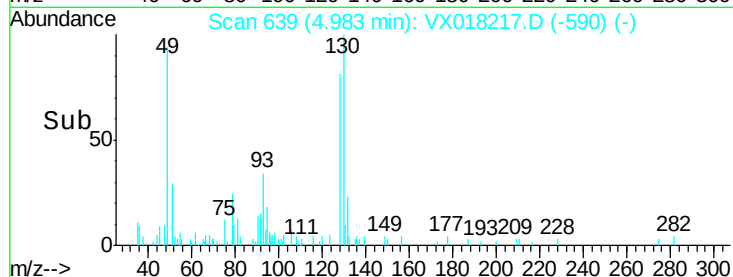
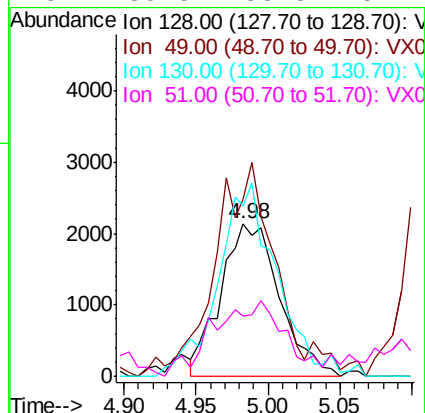
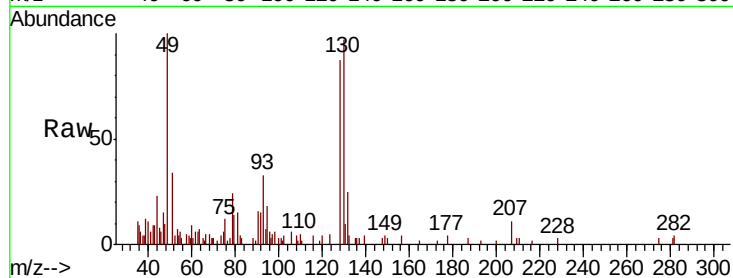




#23
Bromochloromethane
Concen: 2.192 ug/L
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

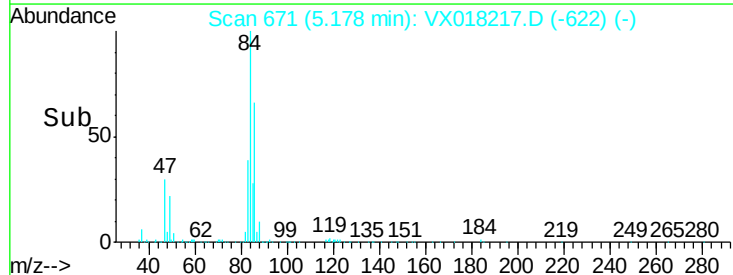
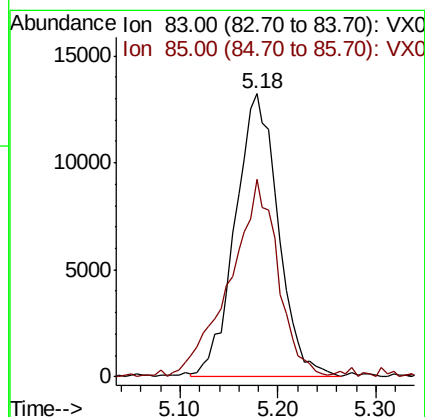
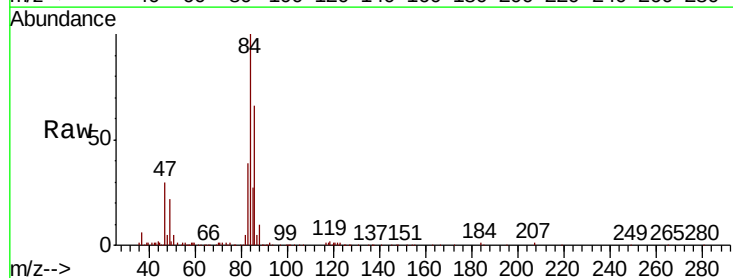
Instrument :
MSVOA_X
ClientSampleId :
MDL05

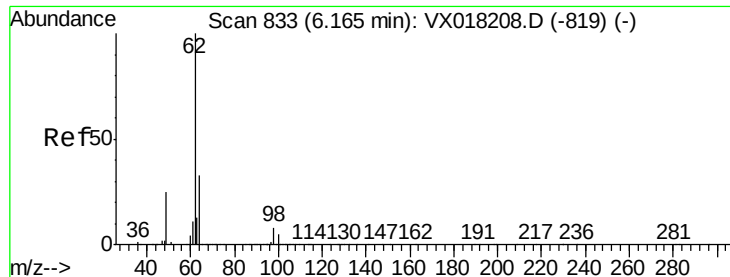
Tot Ion:128 Resp: 6077
Ion Ratio Lower Upper
128 100
49 115.4 106.8 198.4
130 111.5 85.3 158.5
51 39.5 38.5 57.7



#25
Chloroform
Concen: 4.059 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

Tgt Ion: 83 Resp: 40322
Ion Ratio Lower Upper
83 100
85 69.9 44.7 83.1

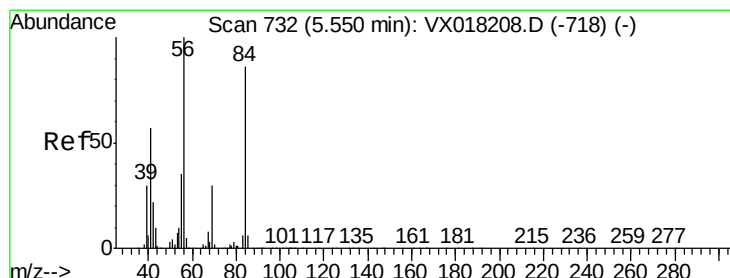
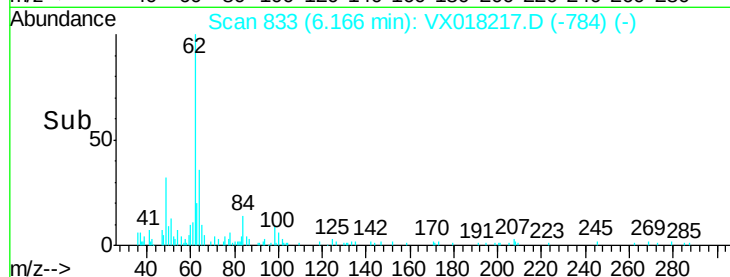
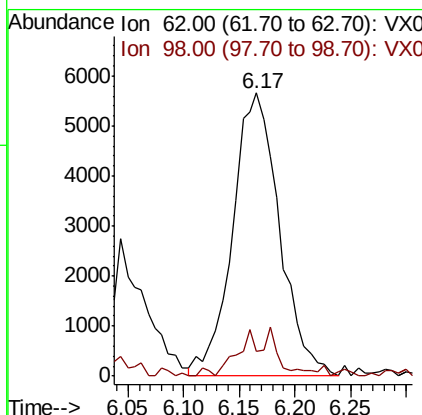
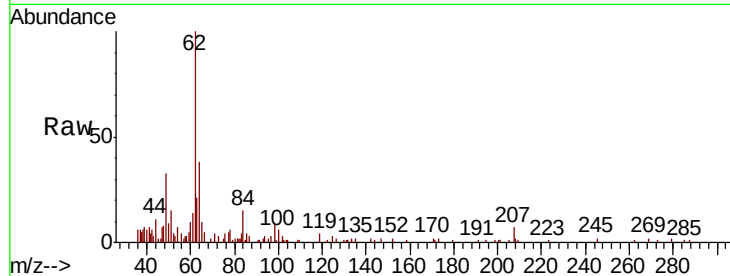




#27
 1,2-Dichloroethane
 Concen: 2.201 ug/L
 RT: 6.17 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

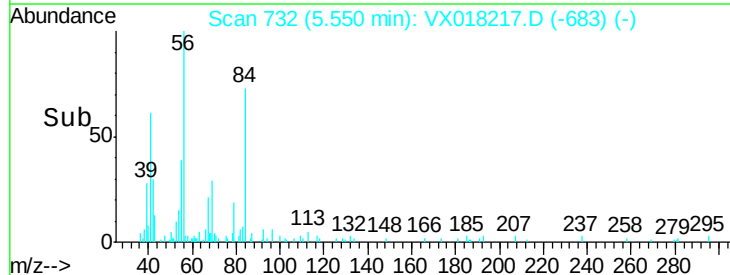
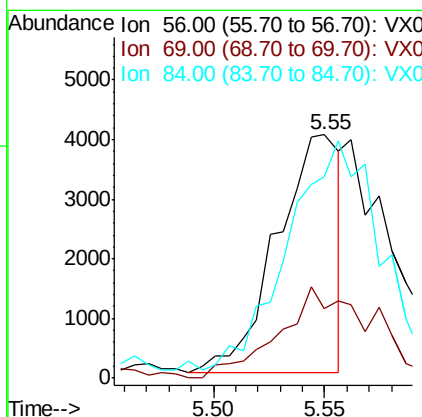
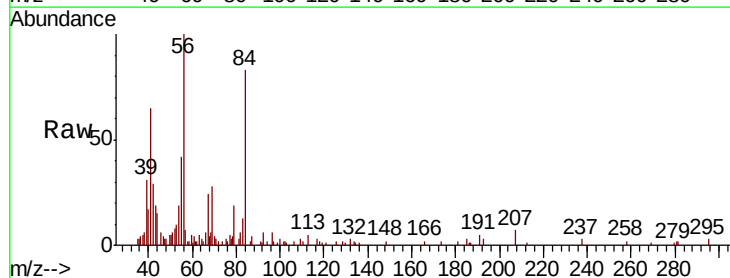
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

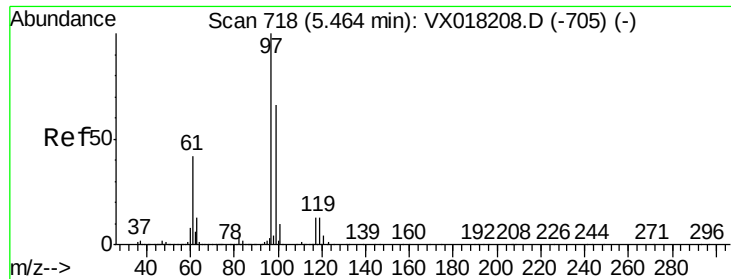
Tot Ion: 62 Resp: 16568
 Ion Ratio Lower Upper
 62 100
 98 8.7 6.6 9.8



#29
 Cyclohexane
 Concen: 1.148 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Tgt Ion: 56 Resp: 7849
 Ion Ratio Lower Upper
 56 100
 69 29.2 25.4 38.2
 84 138.9 69.8 104.8#





#30

1,1,1-Trichloroethane

Concen: 1.755 ug/L

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

MDL05

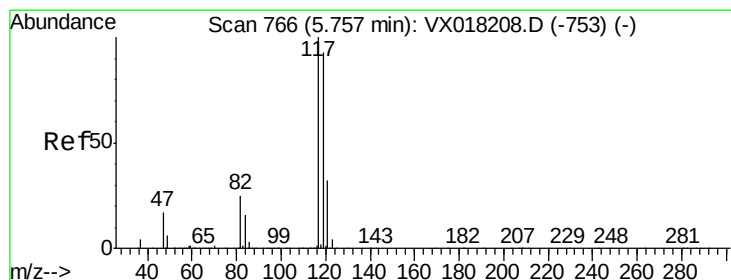
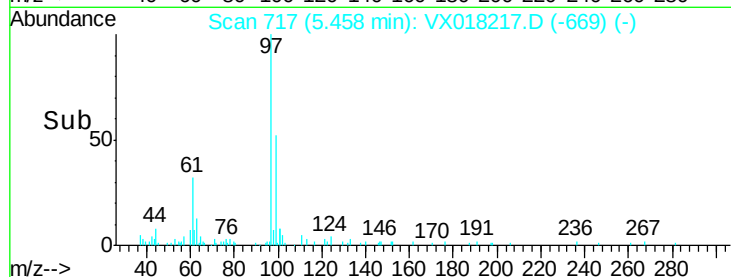
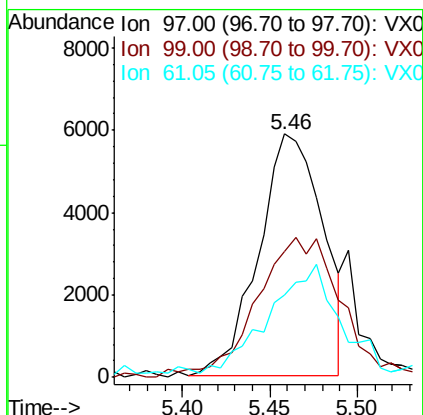
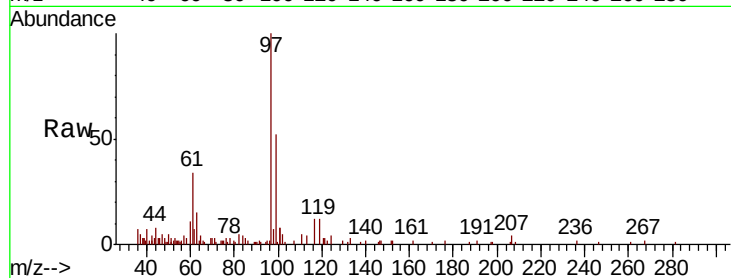
Tot Ion: 97 Resp: 14974

Ion Ratio Lower Upper

97 100

99 42.0 51.7 77.5#

61 45.0 33.8 50.6



#31

Carbon tetrachloride

Concen: 1.964 ug/L

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX018217.D

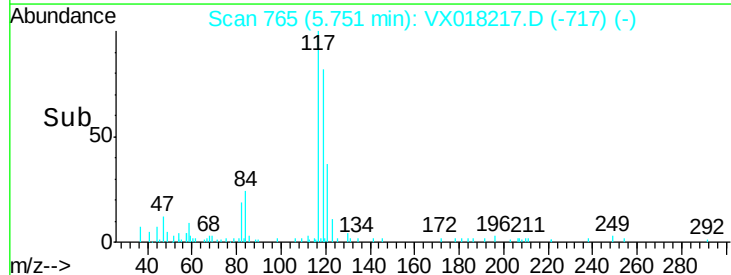
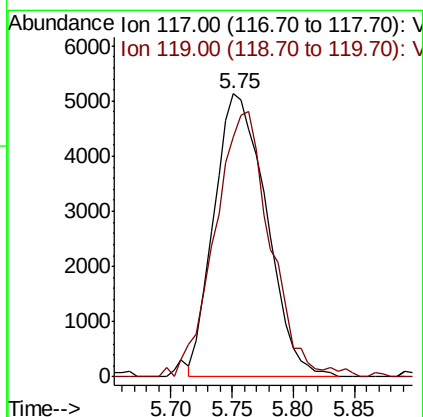
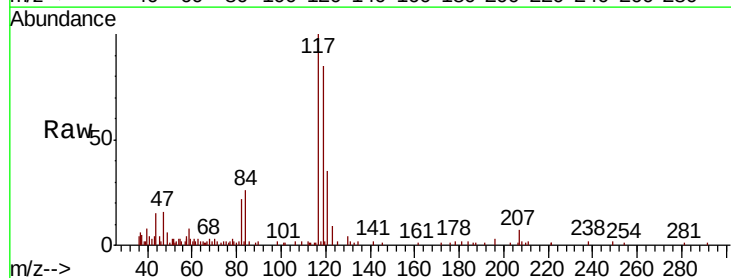
Acq: 02 Sep 2020 15:27

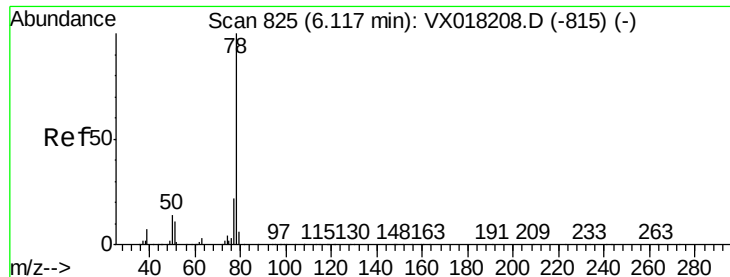
Tgt Ion: 117 Resp: 15260

Ion Ratio Lower Upper

117 100

119 97.4 76.8 115.2





#33

Benzene

Concen: 2.003 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

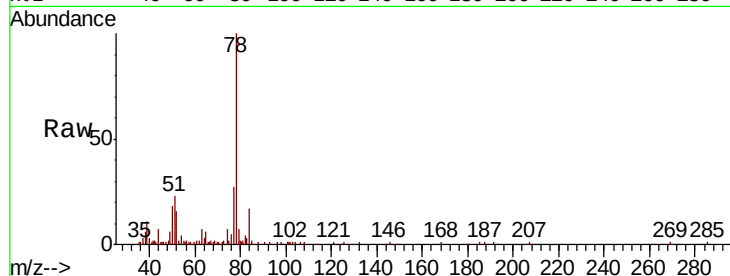
Instrument :

MSVOA_X

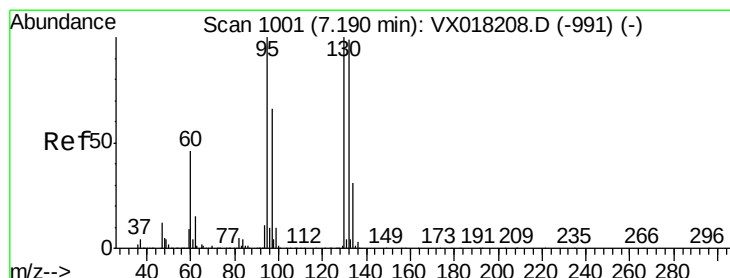
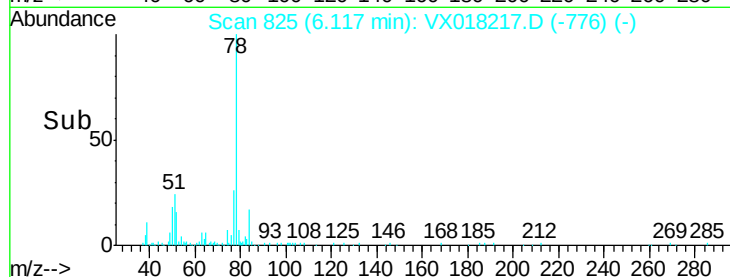
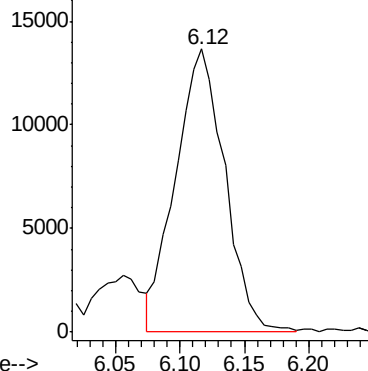
ClientSampleId :

MDL05

Tgt Ion: 78 Resp: 36012



Abundance Ion 78.00 (77.70 to 78.70): VX0



#34

Trichloroethene

Concen: 2.135 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Tgt Ion: 95 Resp: 10773

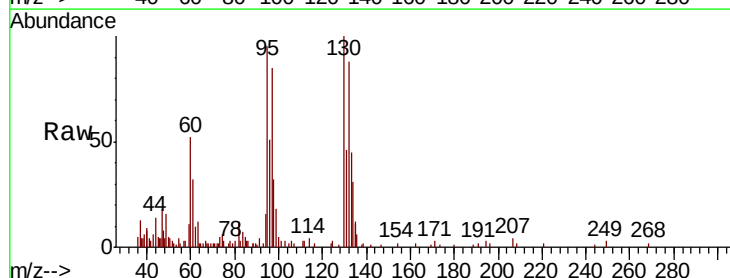
Ion Ratio Lower Upper

95 100

97 89.2 46.2 85.8#

132 92.2 69.2 128.4

130 104.9 70.1 130.3

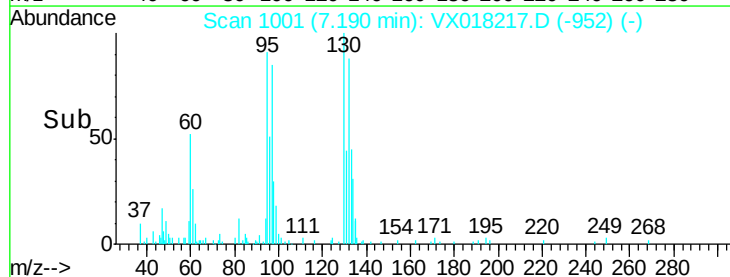
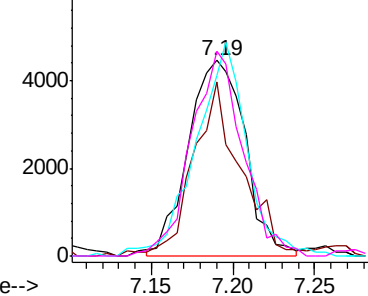


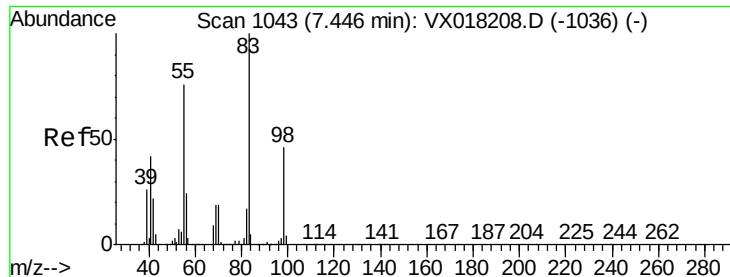
Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

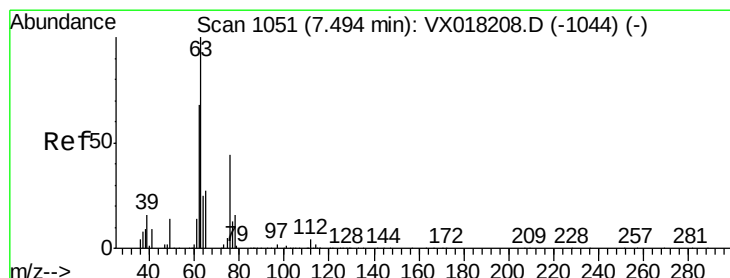
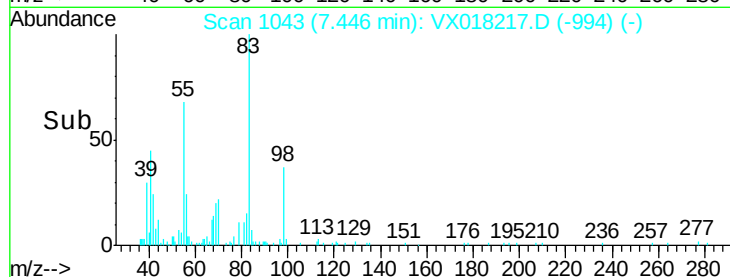
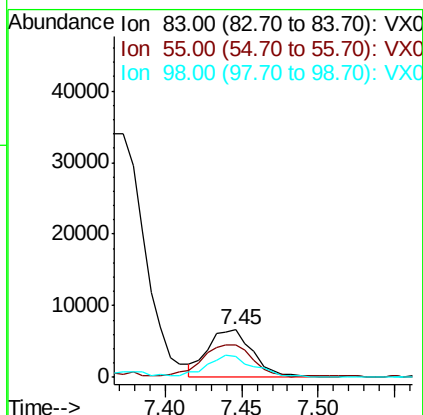
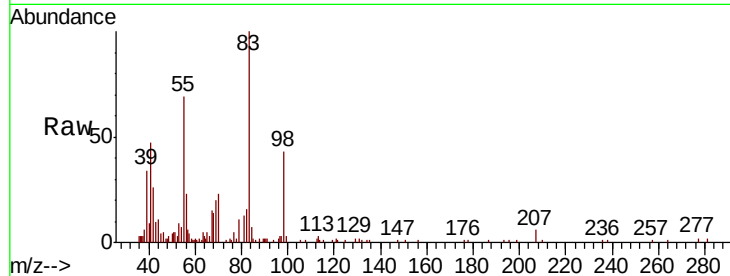




#35
Methylcyclohexane
Concen: 1.897 ug/L
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

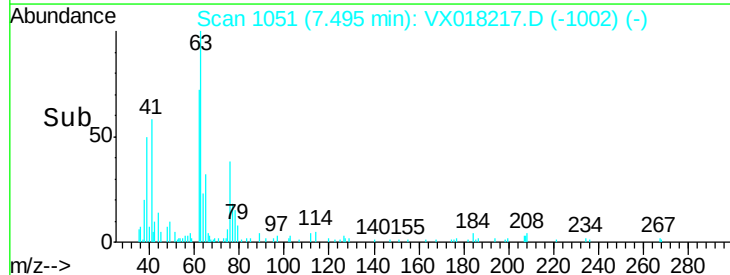
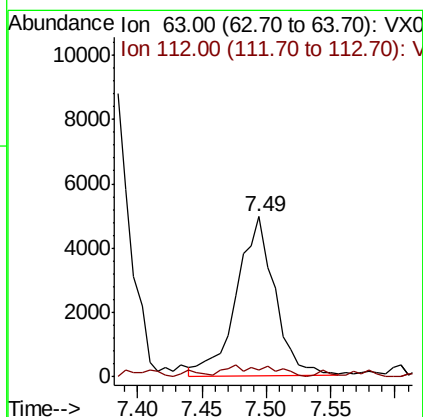
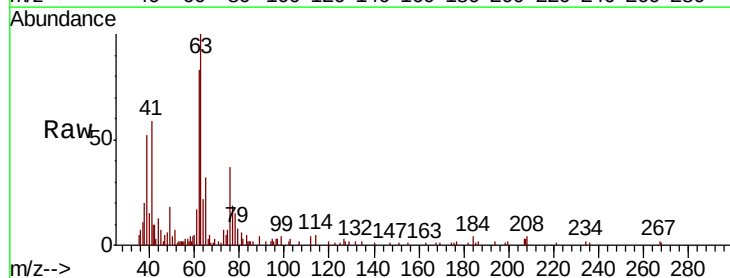
Instrument :
MSVOA_X
ClientSampleId :
MDL05

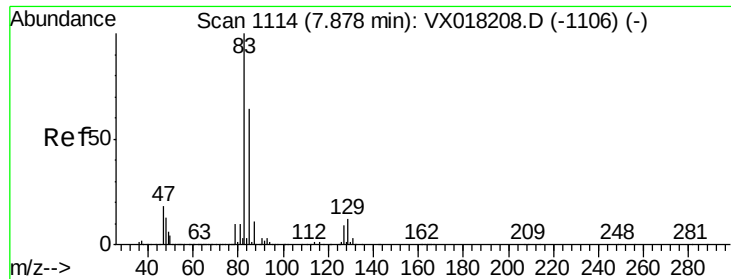
Tot Ion: 83 Resp: 13306
Ion Ratio Lower Upper
83 100
55 78.8 62.6 94.0
98 46.3 37.1 55.7



#37
1,2-Dichloropropane
Concen: 2.127 ug/L
RT: 7.49 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

Tgt Ion: 63 Resp: 10127
Ion Ratio Lower Upper
63 100
112 2.7 3.6 5.4#

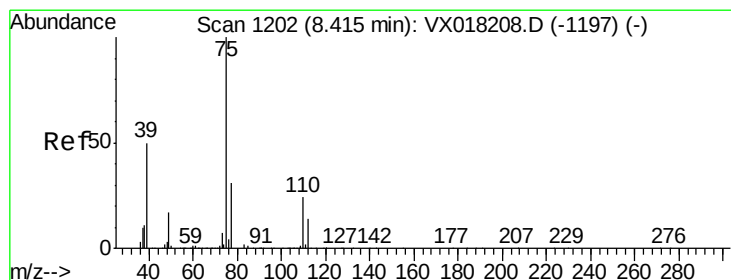
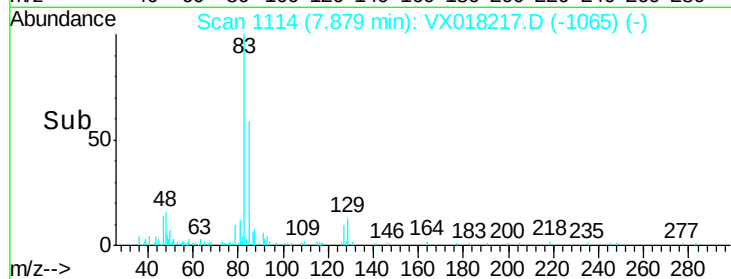
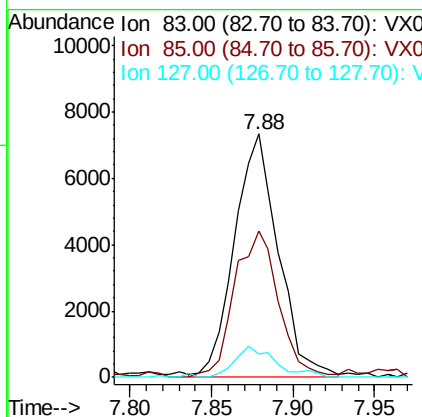
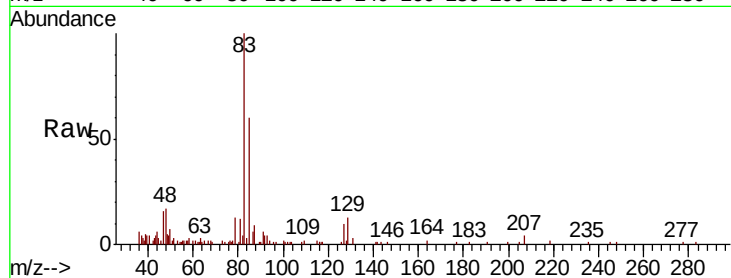




#38
 Bromodichloromethane
 Concen: 2.026 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

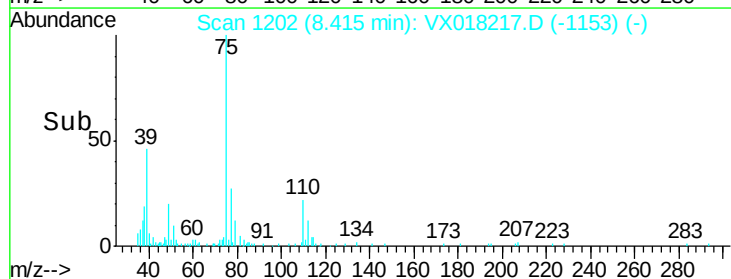
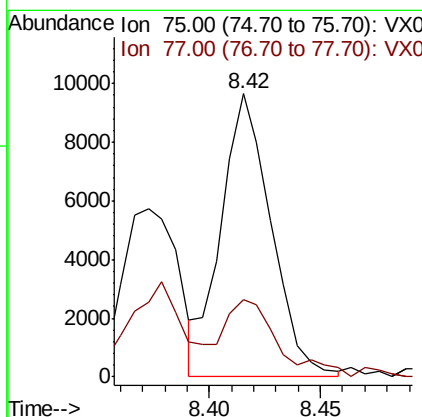
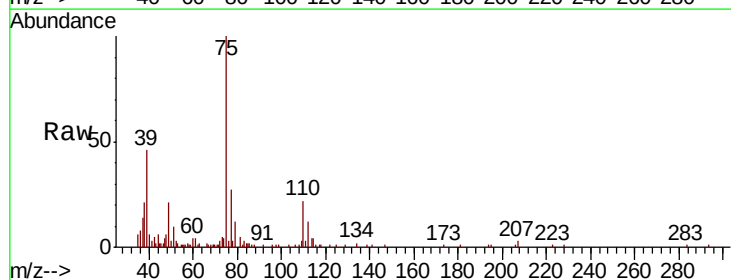
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

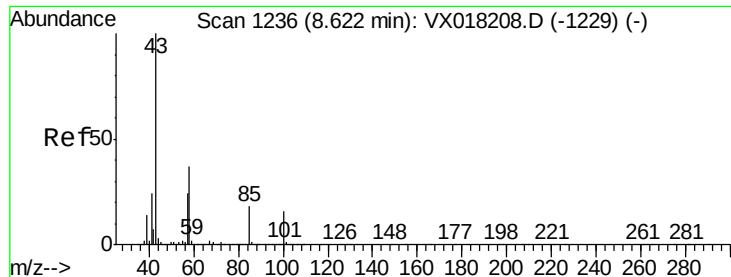
Tot Ion	83.00	Resp	13735
Ion Ratio	Lower	Upper	
83	100		
85	60.4	44.5	82.7
127	9.7	7.4	11.2



#39
 cis-1,3-Dichloropropene
 Concen: 2.043 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Tgt Ion	75.00	Resp	15168
Ion Ratio	Lower	Upper	
75	100		
77	27.5	21.7	40.3

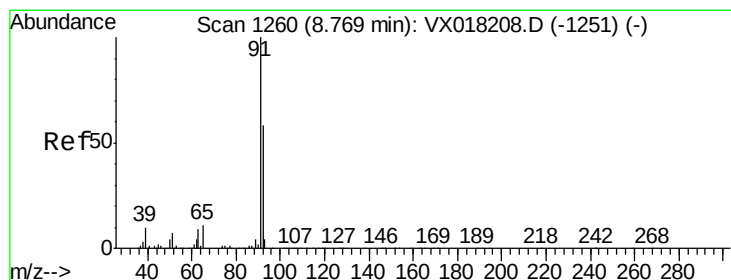
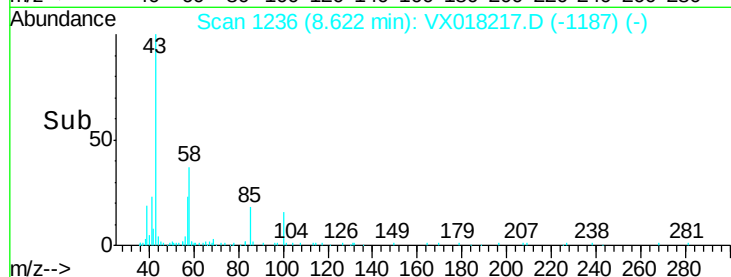
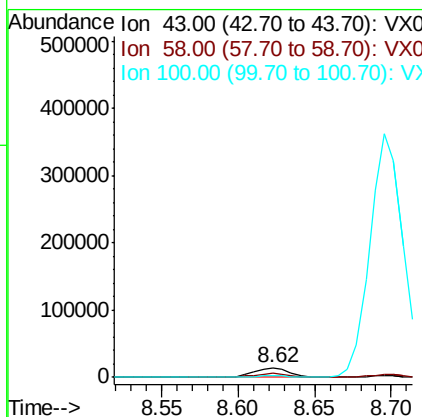
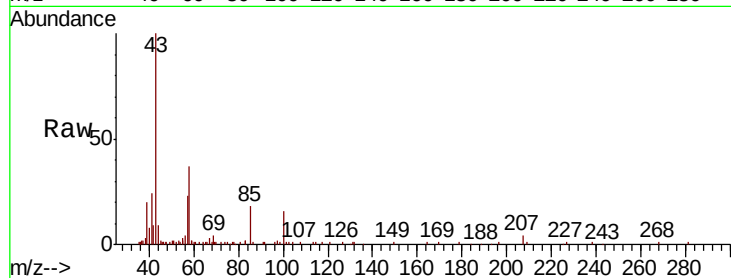




#40
 4-Methyl-2-pentanone
 Concen: 3.694 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

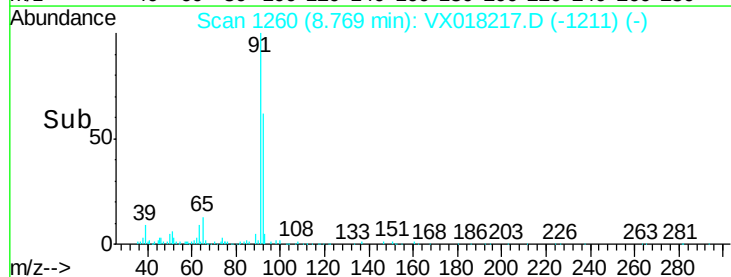
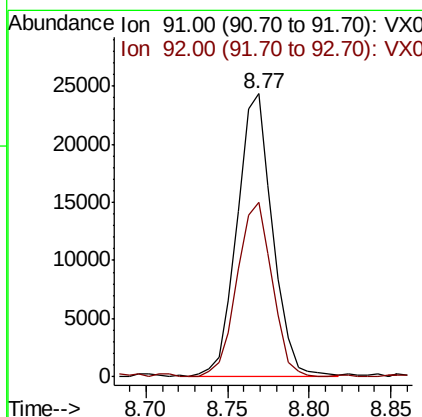
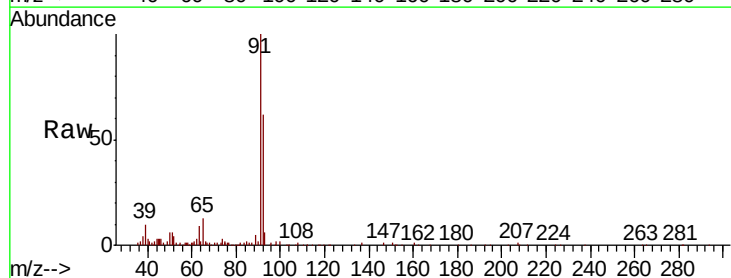
Instrument :
 MSVOA_X
 ClientSampleID :
 MDL05

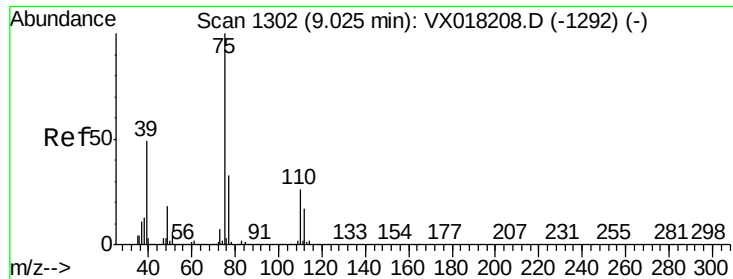
Tot Ion: 43 Resp: 23842
 Ion Ratio Lower Upper
 43 100
 58 40.3 30.3 45.5
 100 15.8 11.9 17.9



#42
 Toluene
 Concen: 1.914 ug/L
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Tgt Ion: 91 Resp: 36932
 Ion Ratio Lower Upper
 91 100
 92 61.6 40.9 75.9





#44

trans-1,3-Dichloropropene

Concen: 1.874 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

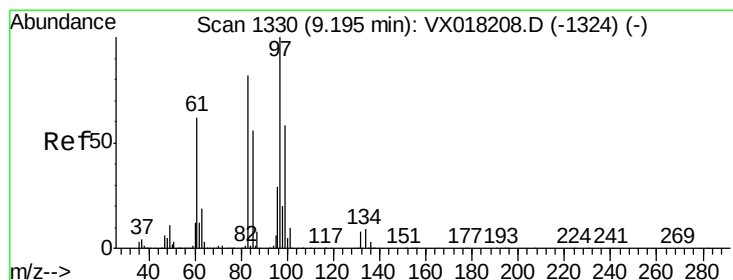
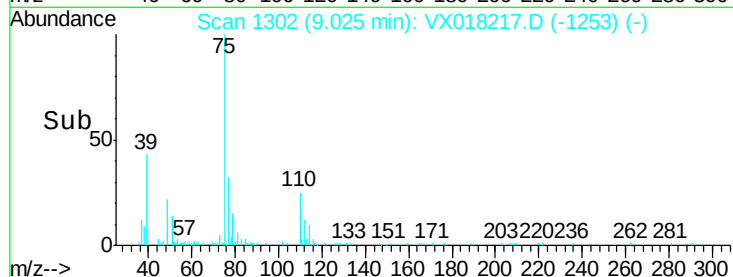
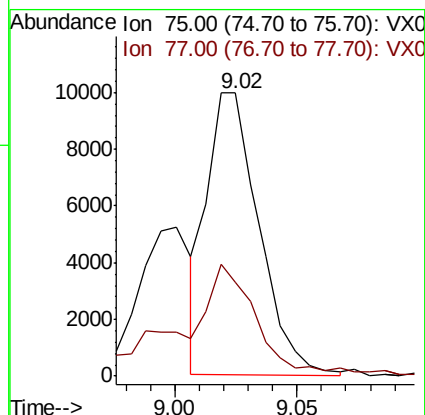
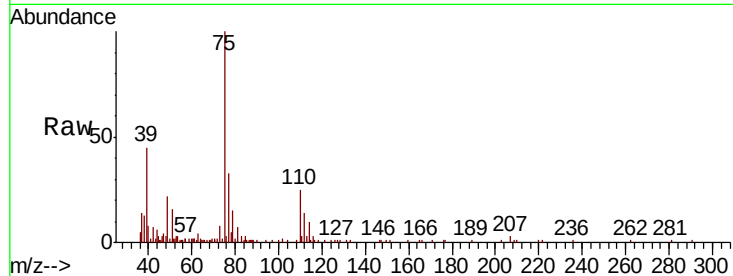
MDL05

Tot Ion: 75 Resp: 14632

Ion Ratio Lower Upper

75 100

77 33.3 23.2 43.0



#45

1,1,2-Trichloroethane

Concen: 1.991 ug/L

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Tgt Ion: 97 Resp: 9513

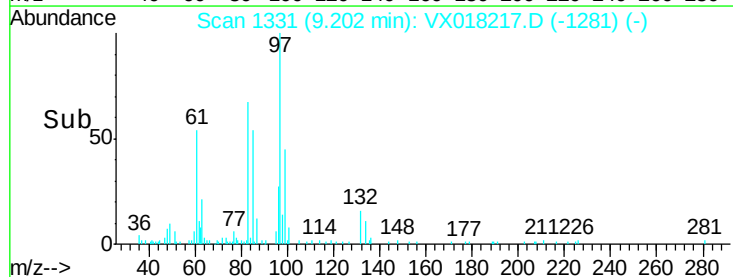
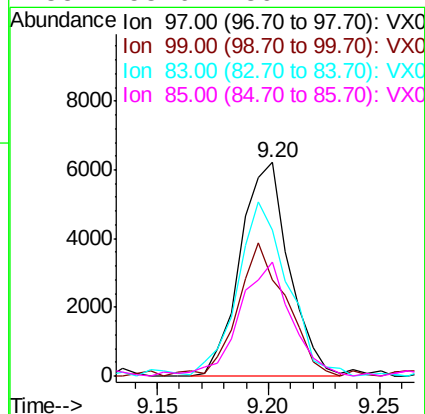
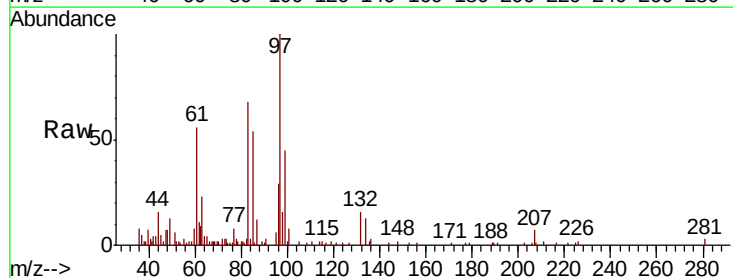
Ion Ratio Lower Upper

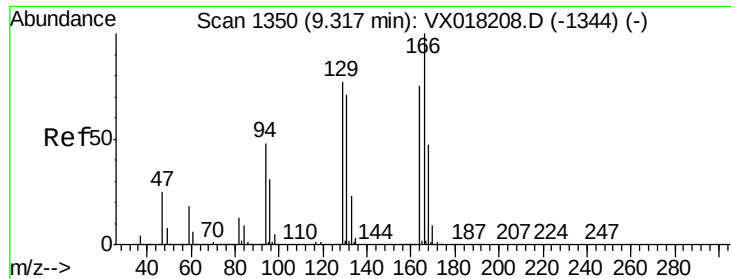
97 100

99 44.8 40.3 74.9

83 68.1 57.7 107.1

85 53.6 39.1 72.7

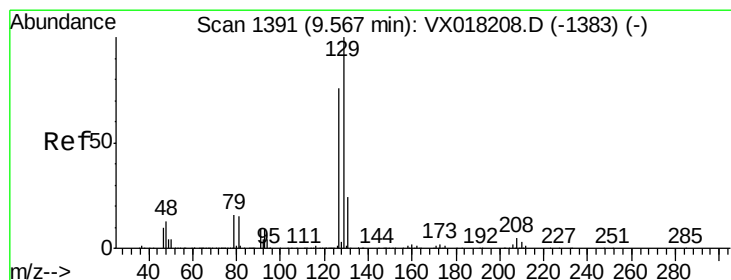
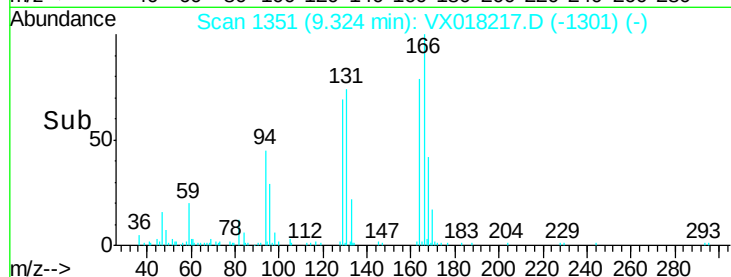
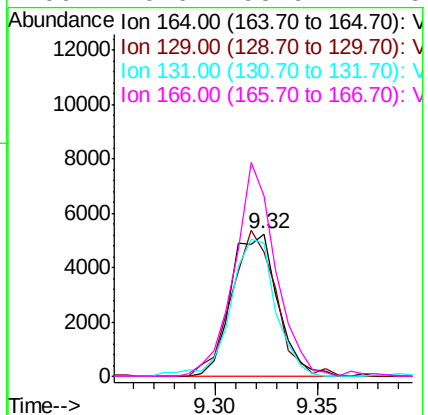
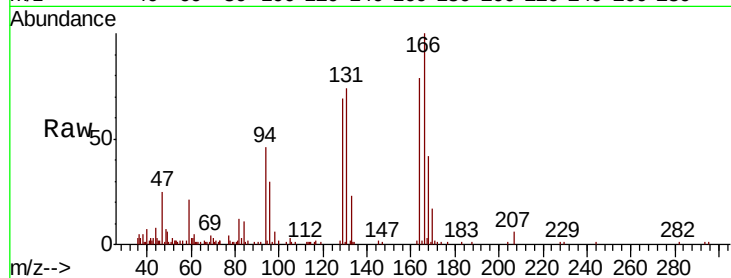




#46
Tetrachloroethene
Concen: 2.073 ug/L
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

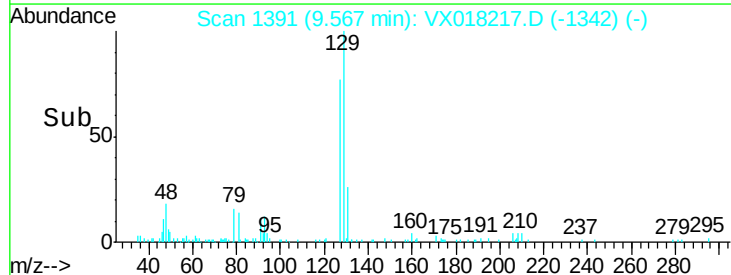
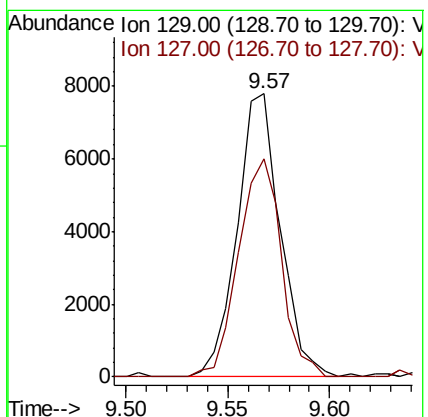
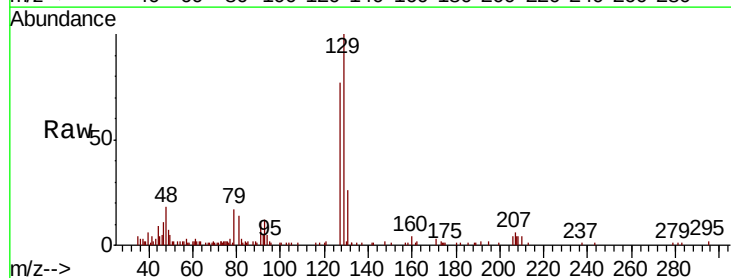
Instrument :
MSVOA_X
ClientSampleId :
MDL05

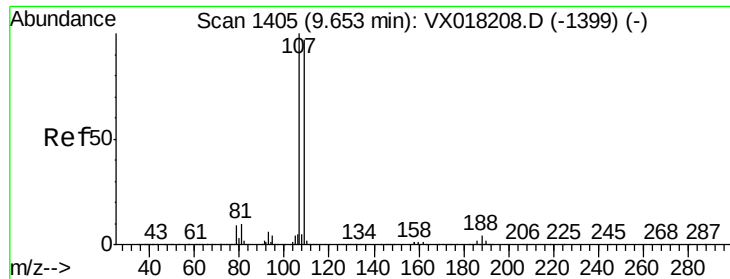
Tot Ion:164 Resp: 8338
Ion Ratio Lower Upper
164 100
129 87.4 72.0 133.6
131 93.8 66.8 124.2
166 126.6 93.9 174.5



#49
Dibromochloromethane
Concen: 1.957 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018217.D
Acq: 02 Sep 2020 15:27

Tgt Ion:129 Resp: 11462
Ion Ratio Lower Upper
129 100
127 77.0 53.1 98.5

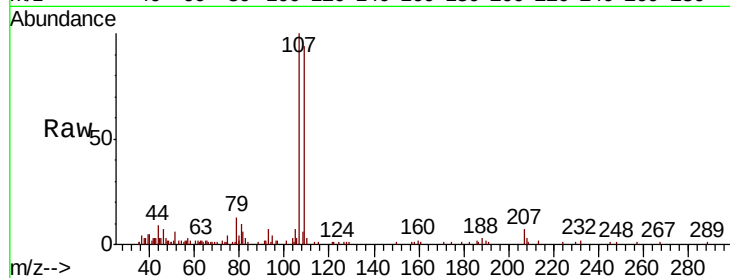




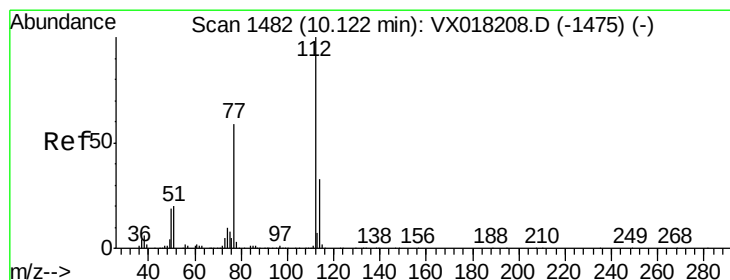
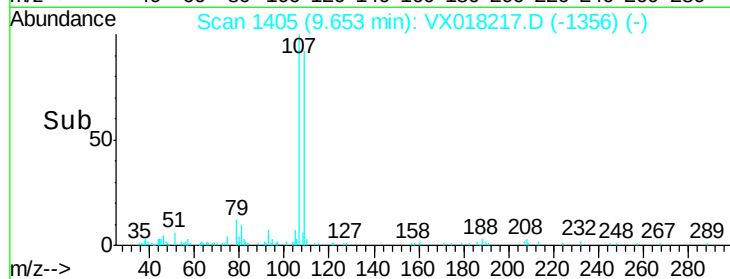
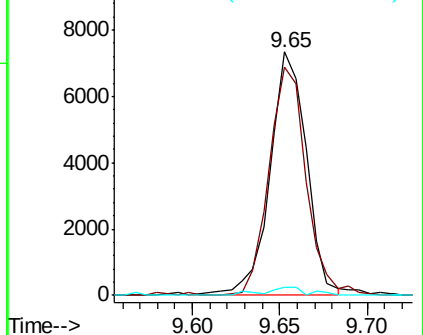
#50
 1,2-Dibromoethane
 Concen: 2.106 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Tot Ion:	107	Resp:	10656
Ion	Ratio	Lower	Upper
107	100		
109	93.6	68.0	126.2
188	3.3	2.8	4.2

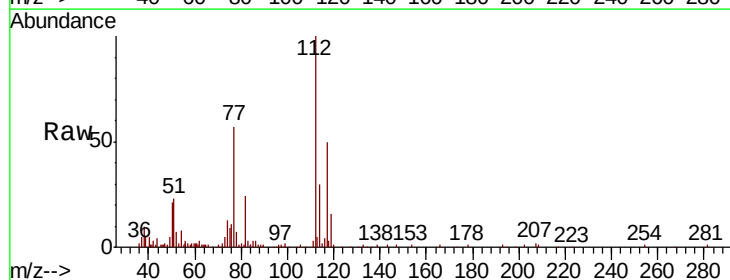


Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

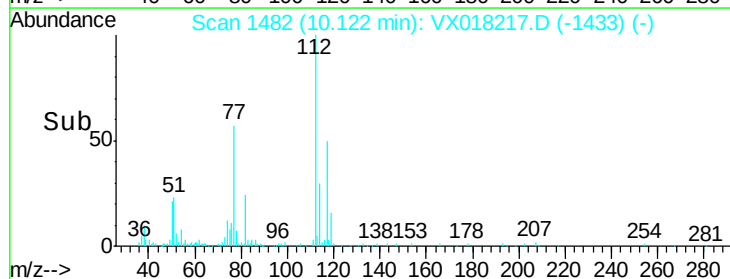
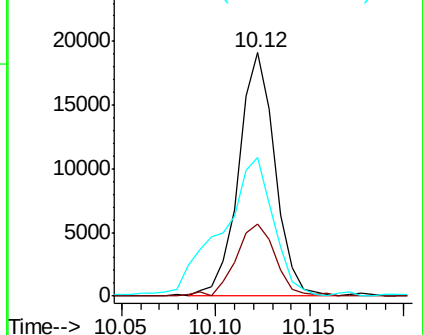


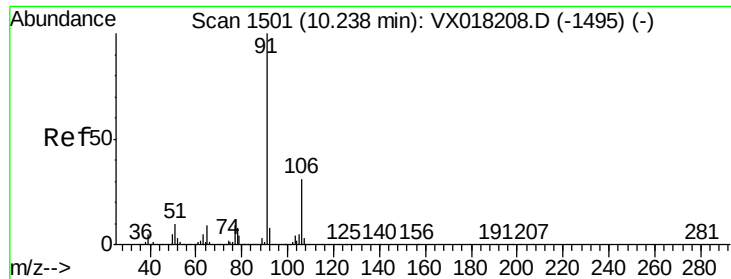
#51
 Chlorobenzene
 Concen: 1.945 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Tgt Ion:	112	Resp:	25561
Ion	Ratio	Lower	Upper
112	100		
114	29.8	23.2	43.2
77	56.7	47.0	70.6



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 1.753 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

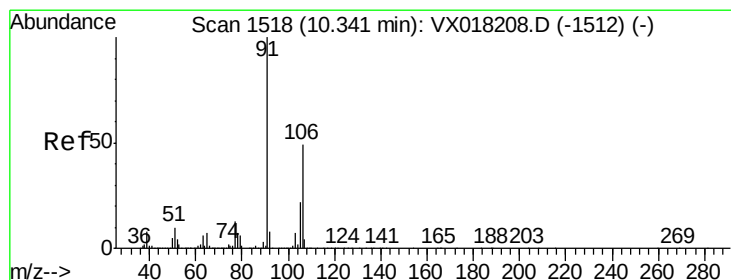
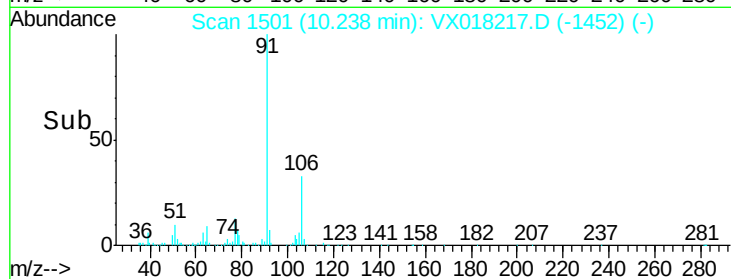
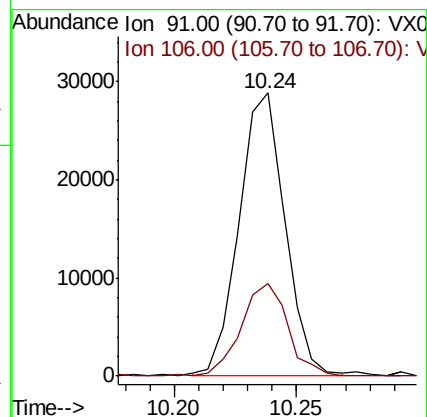
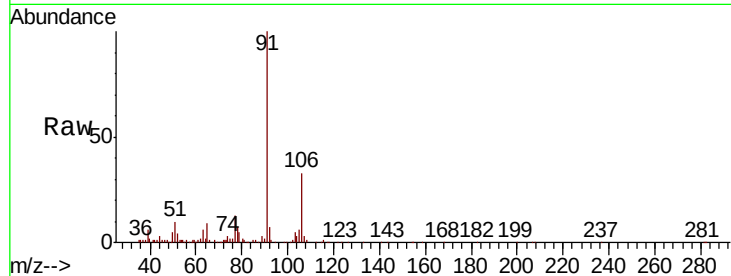
MDL05

Tot Ion: 91 Resp: 37709

Ion Ratio Lower Upper

91 100

106 32.5 21.9 40.7



#53

m,p-Xylene

Concen: 1.812 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018217.D

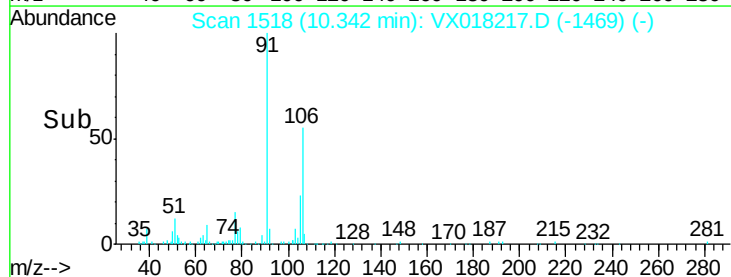
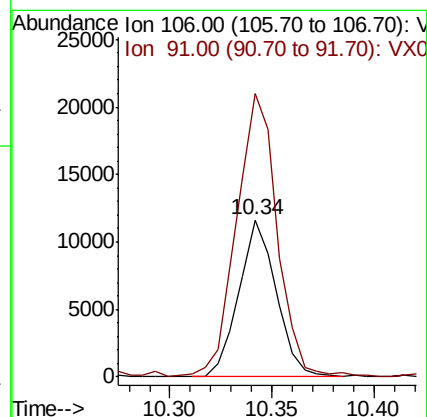
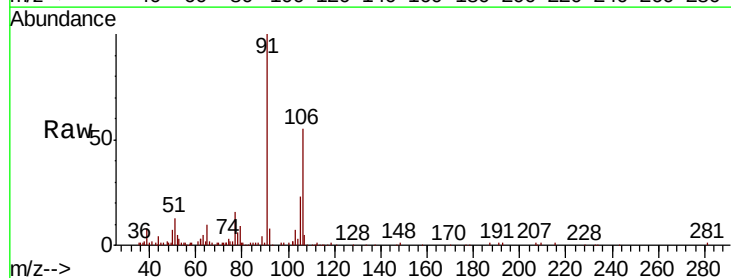
Acq: 02 Sep 2020 15:27

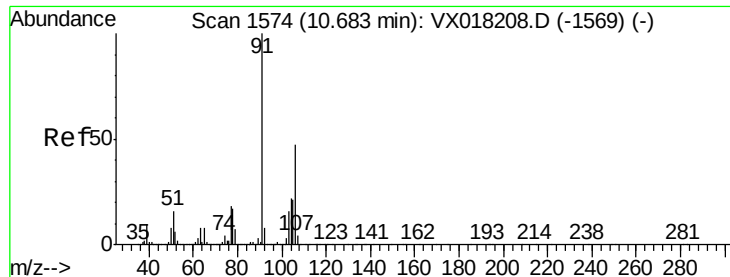
Tgt Ion: 106 Resp: 14889

Ion Ratio Lower Upper

106 100

91 180.5 142.2 264.2





#54

o-xylene

Concen: 1.686 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampled :

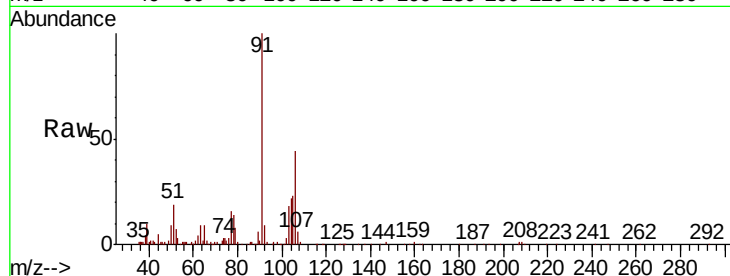
MDL05

Tot Ion:106 Resp: 13227

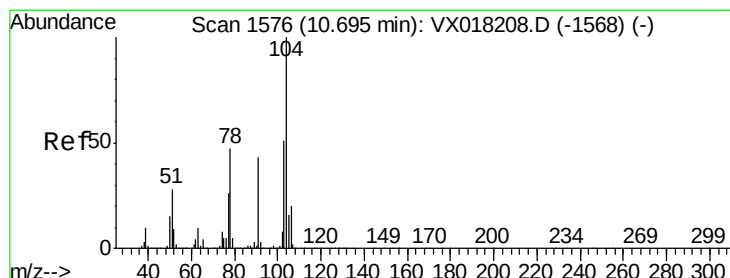
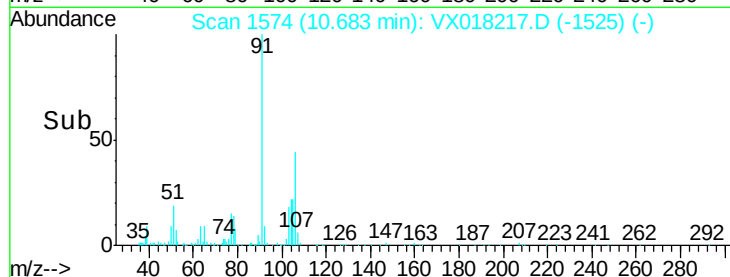
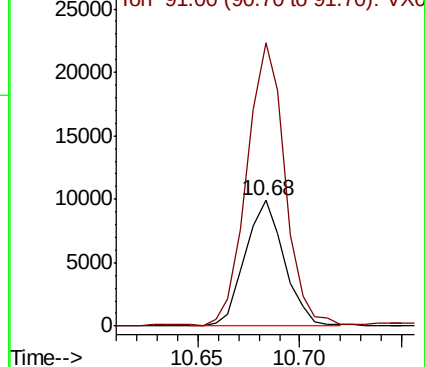
Ion Ratio Lower Upper

106 100

91 225.5 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V



#55

Styrene

Concen: 1.576 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018217.D

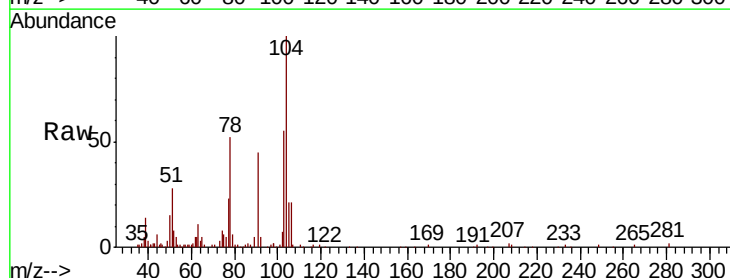
Acq: 02 Sep 2020 15:27

Tgt Ion:104 Resp: 21356

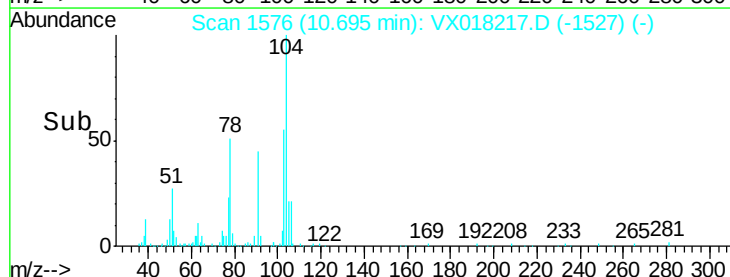
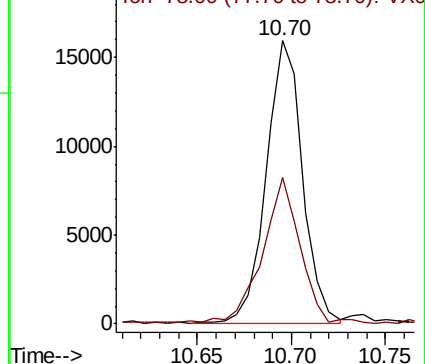
Ion Ratio Lower Upper

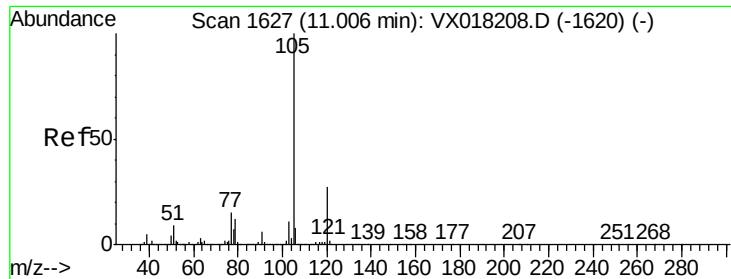
104 100

78 51.8 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V





#56

Isopropylbenzene

Concen: 1.622 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

MDL05

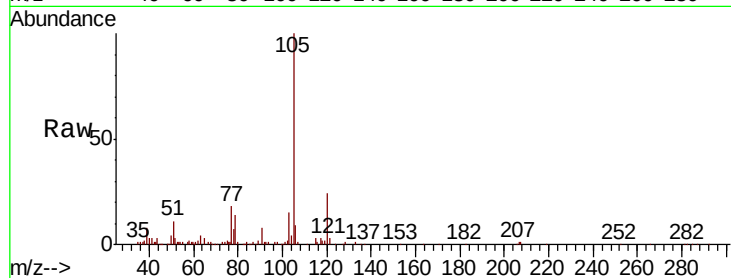
Tot Ion:105 Resp: 34037

Ion Ratio Lower Upper

105 100

120 25.9 21.3 31.9

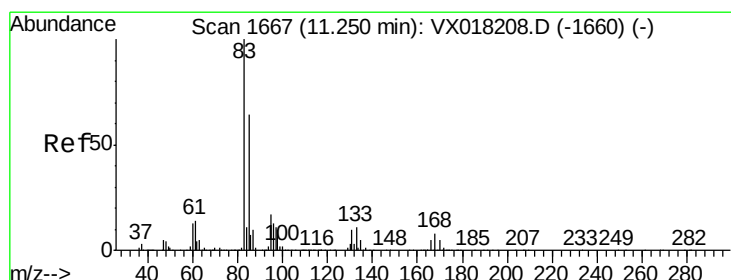
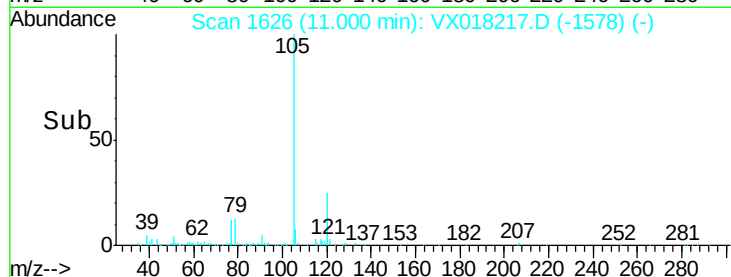
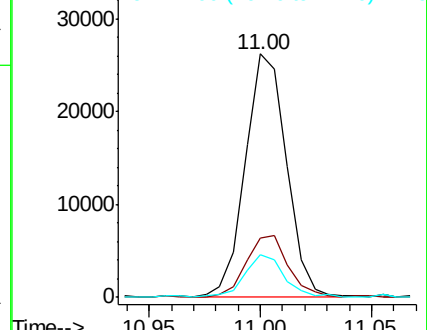
77 15.9 12.7 19.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 2.136 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

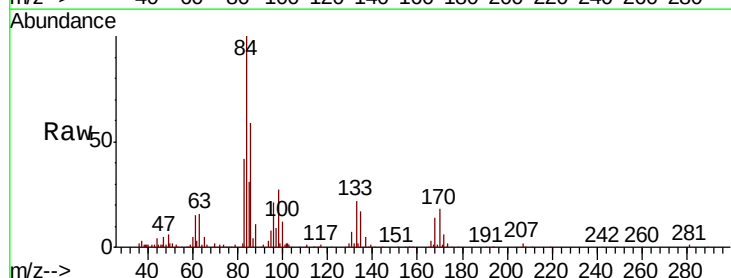
Tgt Ion: 83 Resp: 14991

Ion Ratio Lower Upper

83 100

85 73.5 44.6 82.8

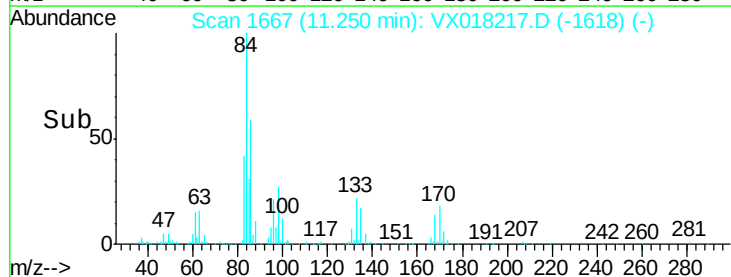
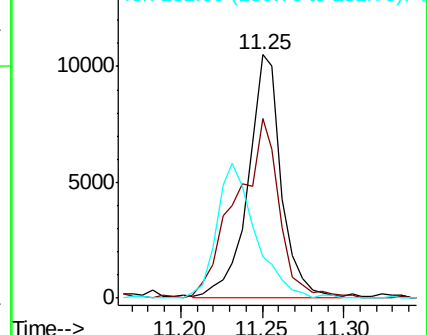
131 17.2 8.0 12.0#

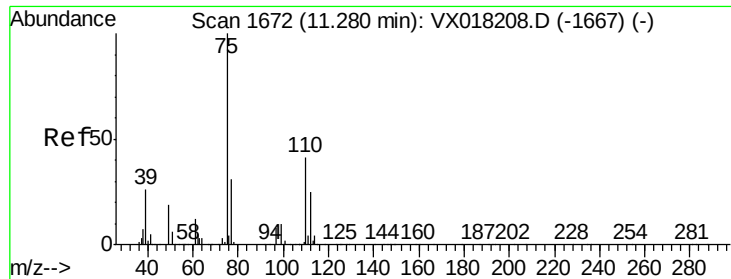


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 1.948 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampled :

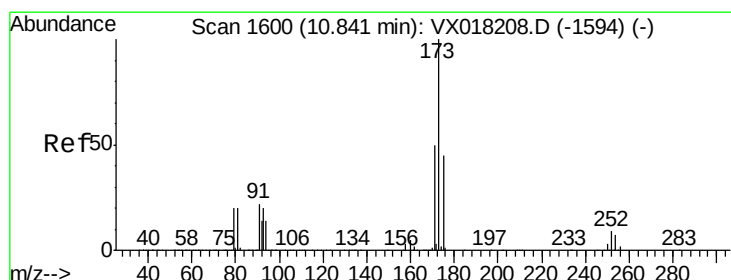
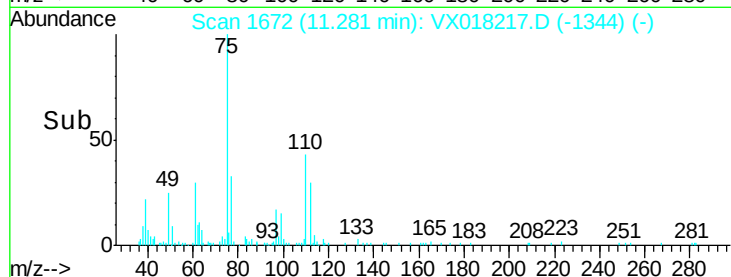
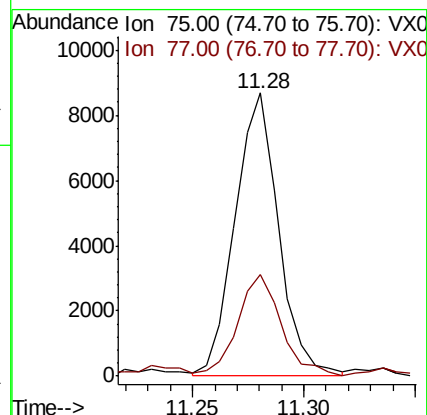
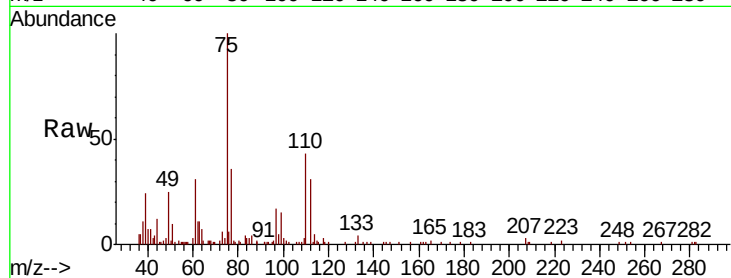
MDL05

Tot Ion: 75 Resp: 11847

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8



#61

Bromoform

Concen: 1.829 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

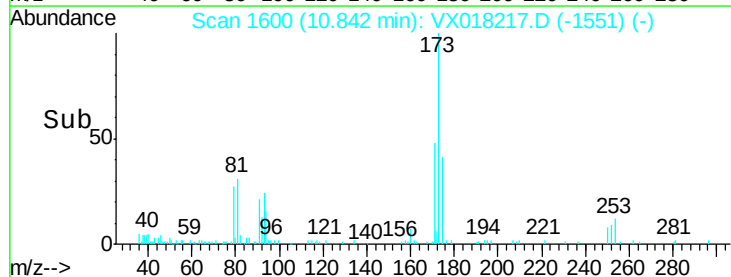
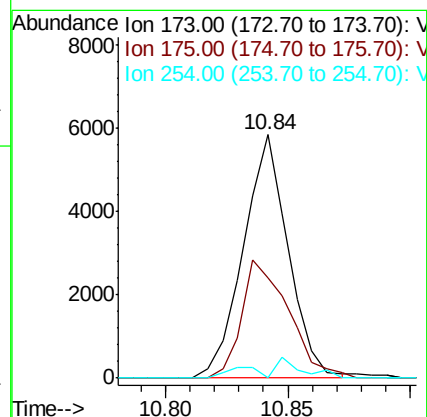
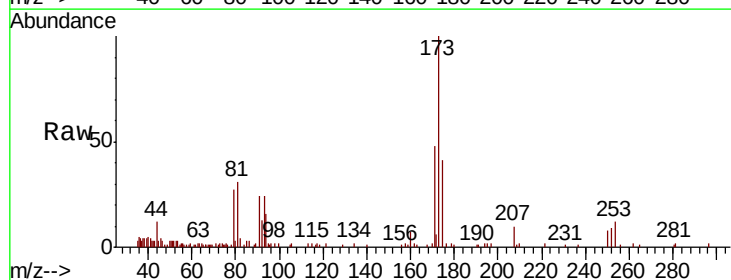
Tgt Ion: 173 Resp: 7467

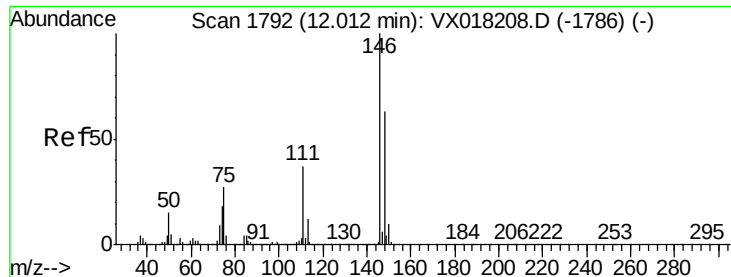
Ion Ratio Lower Upper

173 100

175 0.0 37.9 56.9#

254 4.0 6.6 10.0#





#62

1,3-Dichlorobenzene

Concen: 1.868 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

MDL05

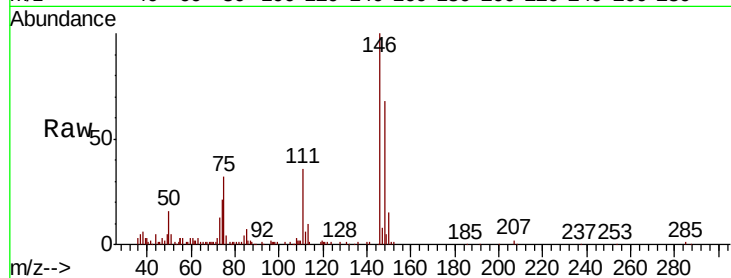
Tot Ion:146 Resp: 17658

Ion Ratio Lower Upper

146 100

111 36.1 26.2 48.6

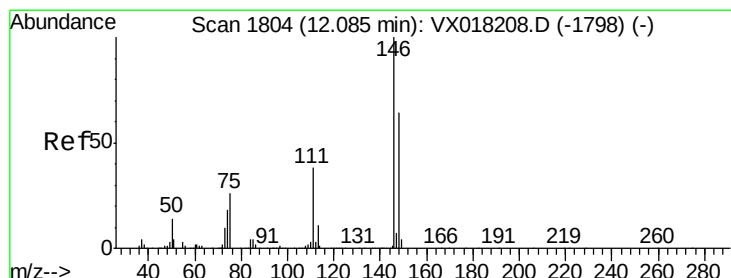
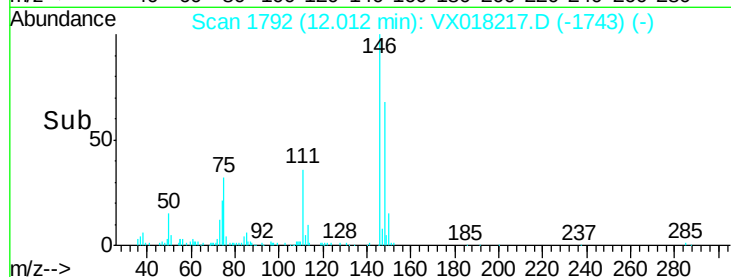
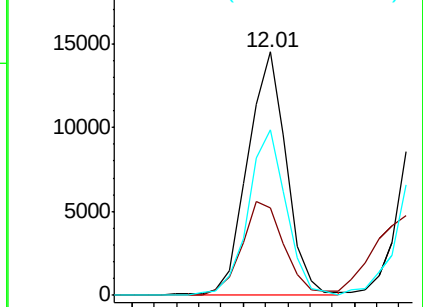
148 68.1 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 2.025 ug/L

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

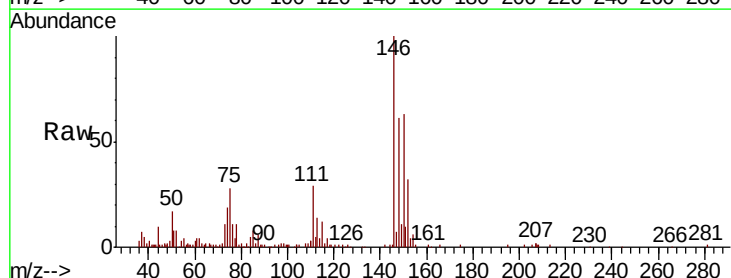
Tgt Ion:146 Resp: 19494

Ion Ratio Lower Upper

146 100

111 28.6 26.5 49.1

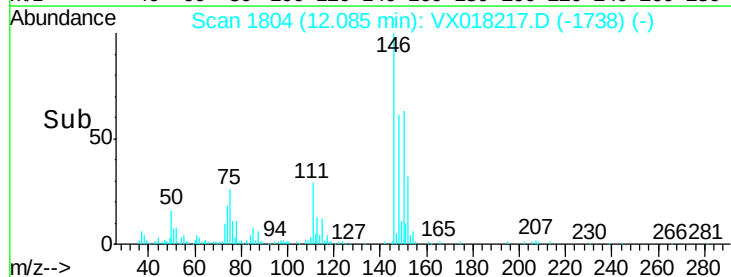
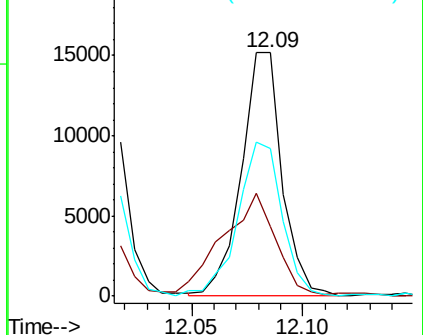
148 60.7 44.5 82.7

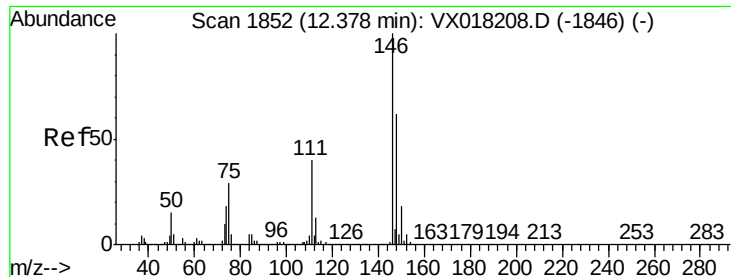


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

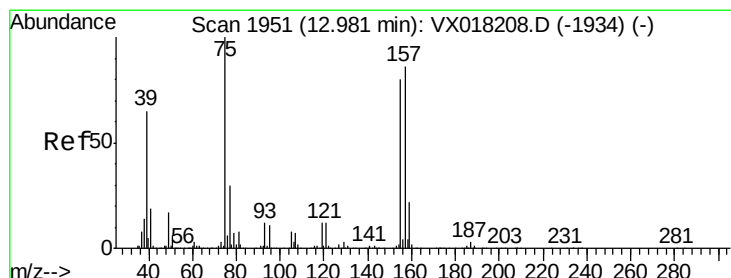
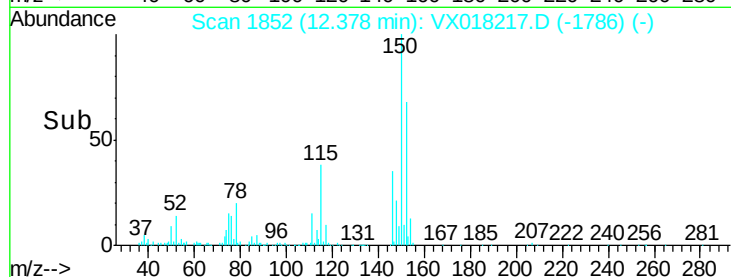
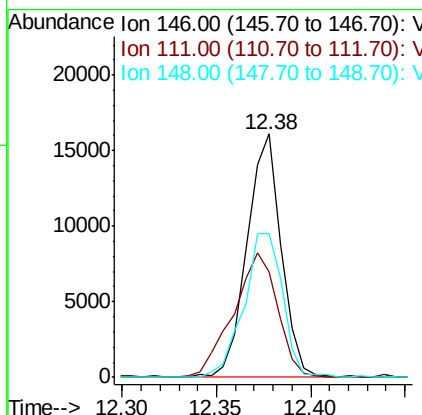
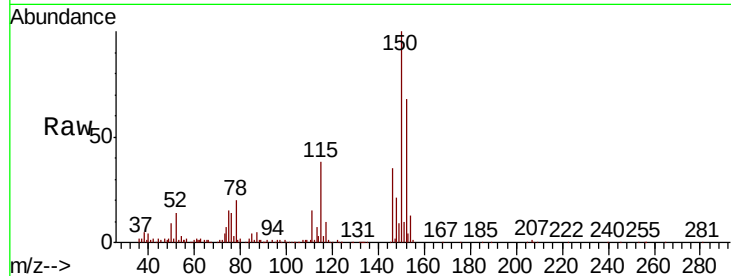




#65
 1,2-Dichlorobenzene
 Concen: 2.226 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

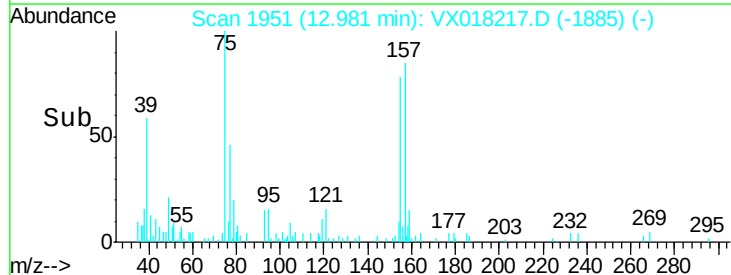
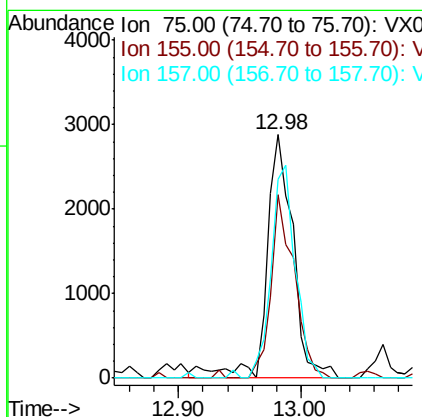
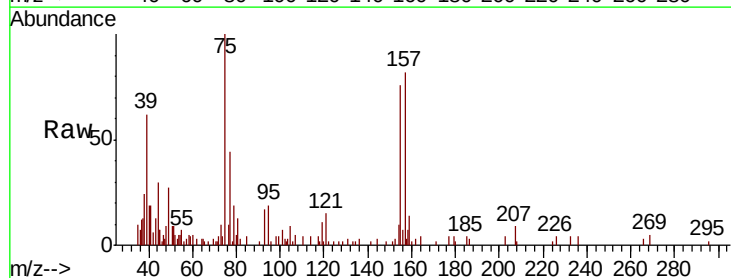
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

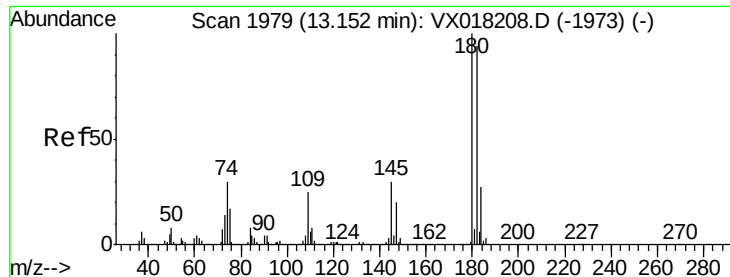
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	32.4	48.6
148	59.2	49.7	74.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.527 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	63.8	95.8
157	81.6	68.5	102.7

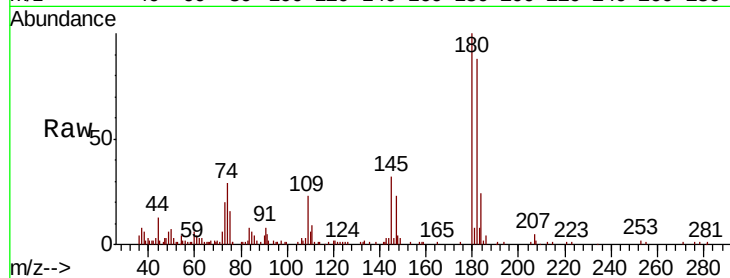




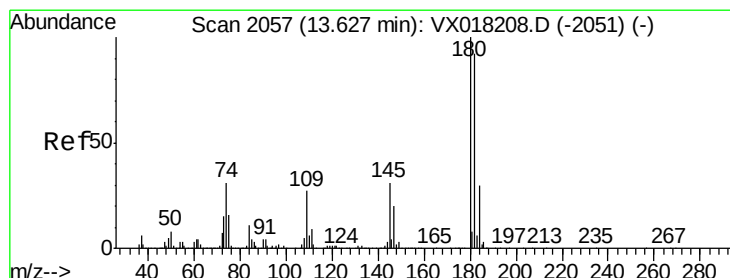
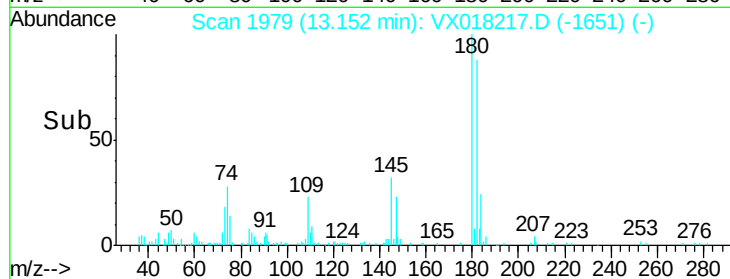
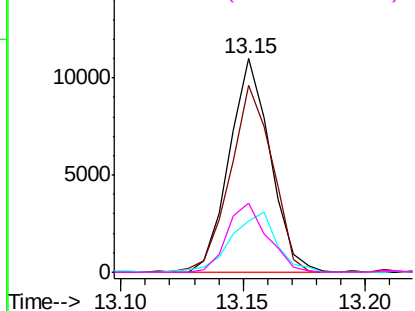
#67
 1,3,5-Trichlorobenzene
 Concen: 2.073 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Tot Ion:180 Resp: 12788
 Ion Ratio Lower Upper
 180 100
 182 90.3 77.1 115.7
 184 31.2 23.8 35.6
 145 32.0 24.4 36.6

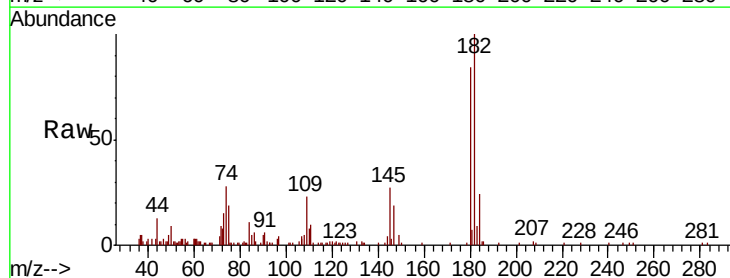


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

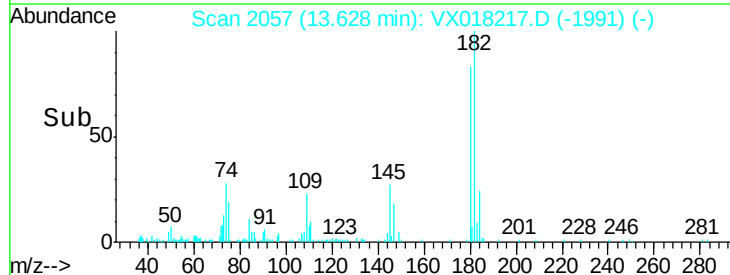
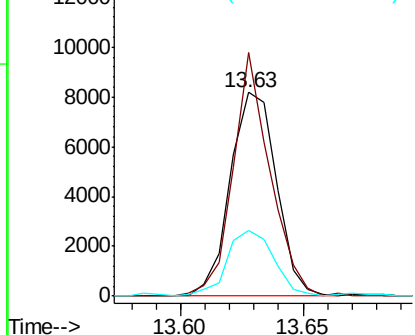


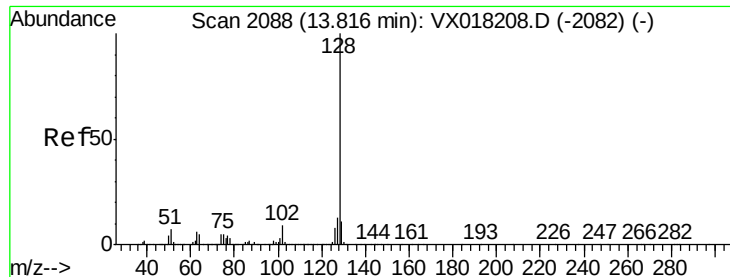
#68
 1,2,4-trichlorobenzene
 Concen: 1.894 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018217.D
 Acq: 02 Sep 2020 15:27

Tgt Ion:180 Resp: 10782
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.1 111.1
 145 32.4 25.0 37.4



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





#69

Naphthalene

Concen: 1.658 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

MDL05

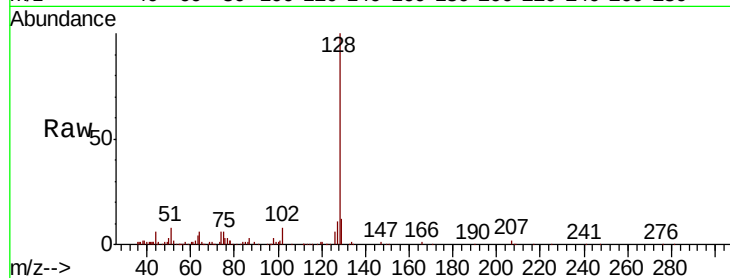
Tot Ion:128 Resp: 29843

Ion Ratio Lower Upper

128 100

127 14.4 10.0 15.0

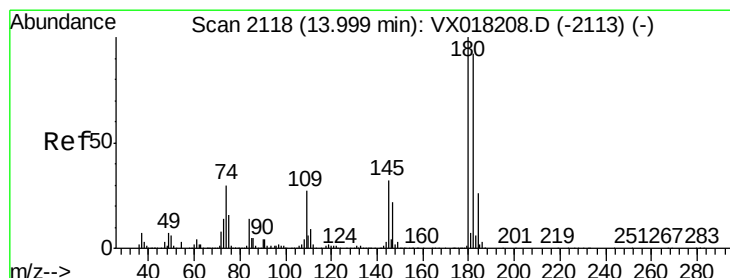
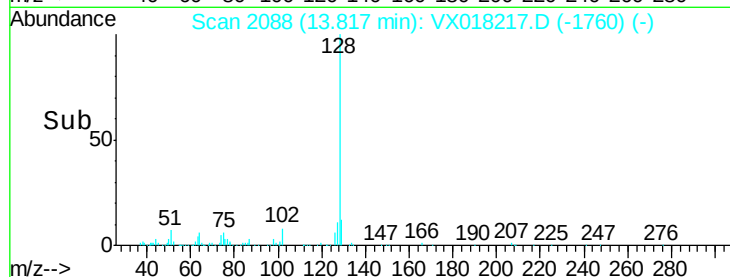
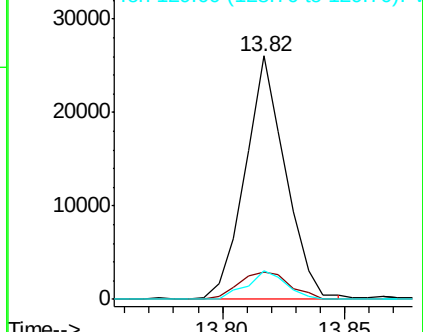
129 11.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 2.049 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018217.D

Acq: 02 Sep 2020 15:27

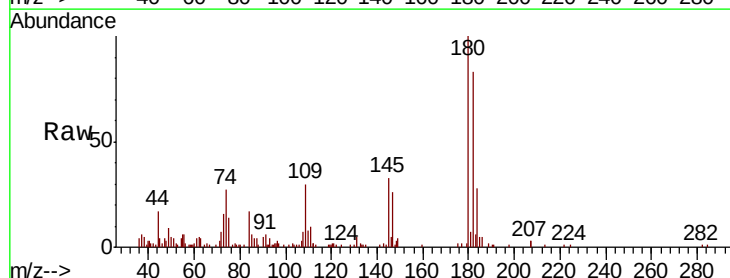
Tgt Ion:180 Resp: 11668

Ion Ratio Lower Upper

180 100

182 85.6 77.0 115.4

145 31.1 27.2 40.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

