

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072120\
 Data File : VX017455.D
 Acq On : 21 Jul 2020 15:10
 Operator : JC/SP
 Sample : MDL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Quant Time: Jul 22 06:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 06:14:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	409553	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	392008	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	179912	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142466	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.69	69	103597	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.34	63	210865	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.53	46	294982	49.57	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	5.14	84	255513	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	6.03	65	142411	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	6.04	84	503369	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	7.37	67	153803	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	8.70	98	460732	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
45) trans-1,3-Dichloropropene-	8.99	79	62322	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
48) 2-Hexanone-d5	9.43	63	218465	49.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	99388	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	168716	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	9374	0.208 ug/L	91
3) Chloromethane	1.31	50	8578	0.205 ug/L	97
6) Bromomethane	1.63	94	5941	0.274 ug/L	92
9) Trichlorofluoromethane	1.92	101	9832	0.171 ug/L #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	6882	0.221 ug/L	91
12) 1,1-Dichloroethene	2.35	96	7872	0.272 ug/L #	1
13) Acetone	2.42	43	9616	2.003 ug/L	93
14) Carbon disulfide	2.55	76	19900	0.202 ug/L	95
15) Methyl Acetate	2.75	43	3996	0.286 ug/L	98
16) Methylene chloride	2.83	84	13737	0.345 ug/L	90
17) Methyl tert-butyl Ether	3.17	73	11899	0.172 ug/L #	80
18) trans-1,2-Dichloroethene	3.14	96	6252	0.203 ug/L	95
19) 1,1-Dichloroethane	3.66	63	9906	0.182 ug/L #	90
21) 2-Butanone	4.64	43	14345	1.875 ug/L	85
22) cis-1,2-Dichloroethene	4.56	96	7865	0.258 ug/L	99
23) Bromochloromethane	4.98	128	3592	0.244 ug/L #	77
25) Chloroform	5.17	83	17974	0.315 ug/L	90

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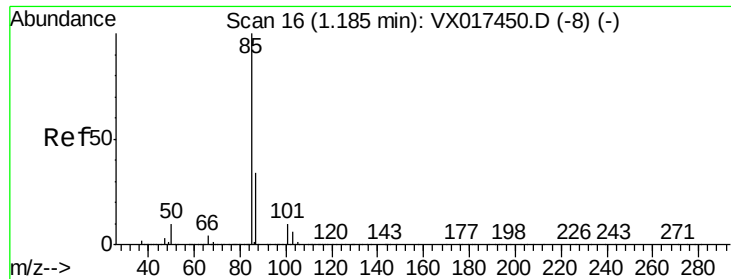
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Quant Time: Jul 22 06:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
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 Response via : Initial Calibration

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

27) 1,2-Dichloroethane	6.18	62	7972	0.217	ug/L #	90
29) 1,1,1-Trichloroethane	5.46	97	10825	0.206	ug/L	95
30) Cyclohexane	5.56	56	7879	0.185	ug/L	97
31) Carbon tetrachloride	5.76	117	9331	0.197	ug/L	99
33) Benzene	6.12	78	22836	0.198	ug/L	100
34) Trichloroethene	7.18	95	6595	0.212	ug/L	92
35) Methylcyclohexane	7.43	83	7240	0.172	ug/L	88
37) 1,2-Dichloropropane	7.49	63	6548	0.226	ug/L #	97
38) Bromodichloromethane	7.88	83	8016	0.206	ug/L #	84
39) cis-1,3-Dichloropropene	8.42	75	6981	0.167	ug/L	89
40) 4-Methyl-2-pentanone	8.62	43	29446	1.735	ug/L #	93
42) Toluene	8.76	91	22492	0.194	ug/L	94
43) 1,3,5-Trimethylbenzene	11.49	105	16052	0.149	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	16041	0.150	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	11164	0.309	ug/L	86
47) 1,1,2-Trichloroethane	9.20	97	4407	0.222	ug/L	94
49) Tetrachloroethene	9.32	164	4740	0.187	ug/L	80
50) 2-Hexanone	9.47	43	21540	1.739	ug/L #	86
51) Dibromochloromethane	9.56	129	5295	0.194	ug/L	84
52) 1,2-Dibromoethane	9.65	107	3887	0.197	ug/L #	93
53) Chlorobenzene	10.12	112	15722	0.200	ug/L	90
54) Ethylbenzene	10.23	91	22302	0.178	ug/L	88
55) m,p-xylene	10.34	106	8932	0.178	ug/L	93
56) o-xylene	10.68	106	8964	0.184	ug/L	87
57) Styrene	10.70	104	13220	0.163	ug/L	91
58) Isopropylbenzene	11.01	105	20002	0.159	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	4807	0.203	ug/L #	94
62) Bromoform	10.84	173	3056	0.212	ug/L	96
63) 1,3-Dichlorobenzene	12.01	146	12407	0.214	ug/L	90
64) 1,4-Dichlorobenzene	12.09	146	12058	0.212	ug/L	88
66) 1,2-Dichlorobenzene	12.37	146	12041	0.224	ug/L #	91
67) 1,2-Dibromo-3-chloropropan	12.99	75	1740	0.369	ug/L #	67
68) 1,3,5-Trichlorobenzene	13.15	180	10429	0.214	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	7067	0.198	ug/L	90
70) Naphthalene	13.82	128	10951	0.175	ug/L #	91
71) 1,2,3-Trichlorobenzene	14.01	180	6434	0.195	ug/L #	95

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



#2

Dichlorodifluoromethane

Concen: 0.208 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

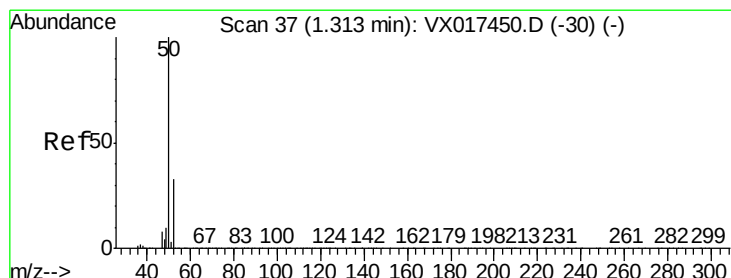
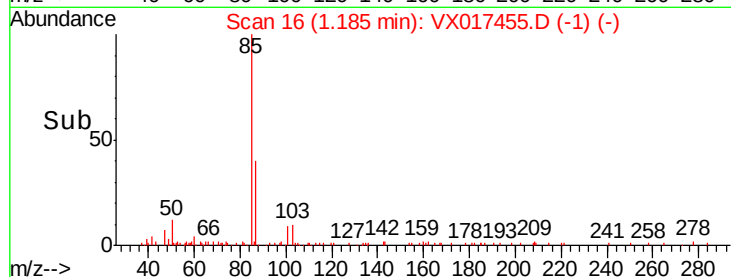
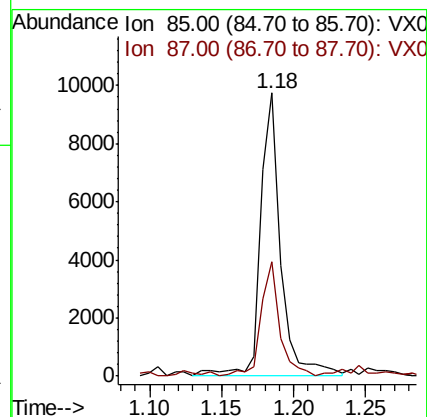
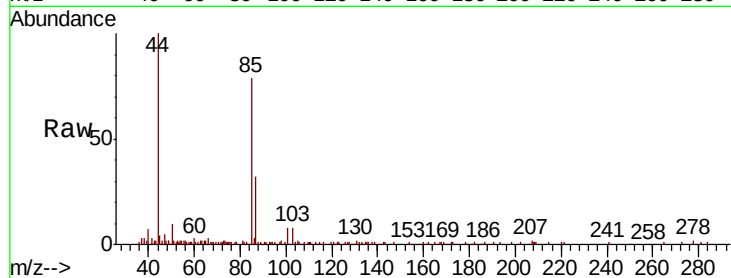
MDL01

Tot Ion: 85 Resp: 9374

Ion Ratio Lower Upper

85 100

87 37.6 26.1 39.1



#3

Chloromethane

Concen: 0.205 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017455.D

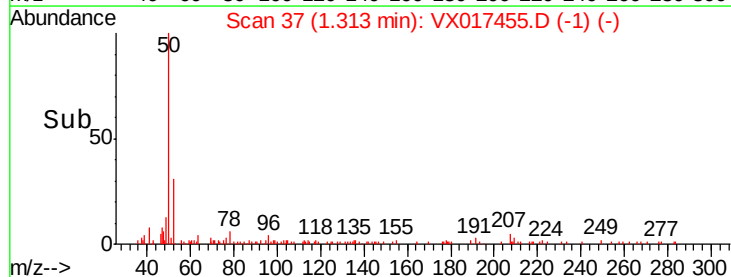
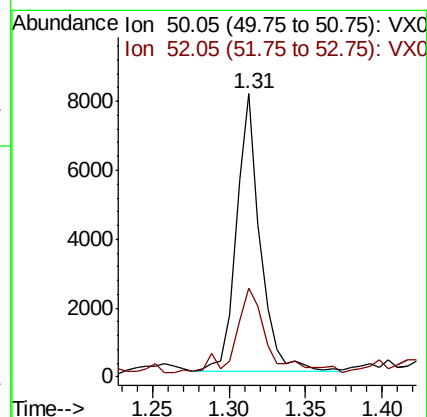
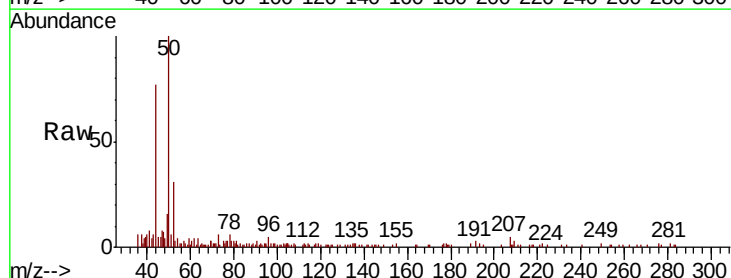
Acq: 21 Jul 2020 15:10

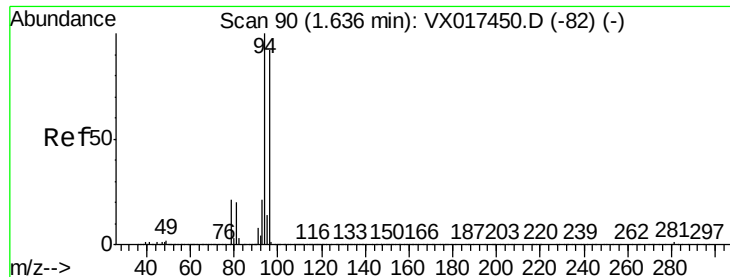
Tgt Ion: 50 Resp: 8578

Ion Ratio Lower Upper

50 100

52 31.2 23.2 43.2





#6

Bromomethane

Concen: 0.274 ug/L

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

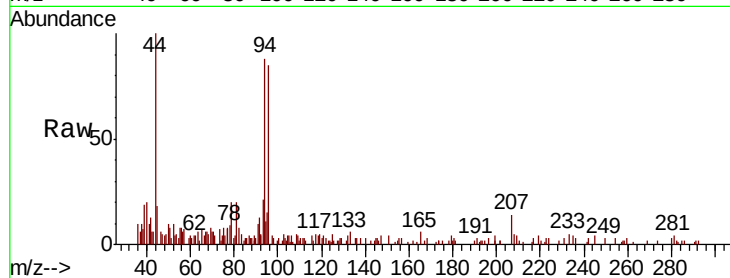
MDL01

Tot Ion: 94 Resp: 5941

Ion Ratio Lower Upper

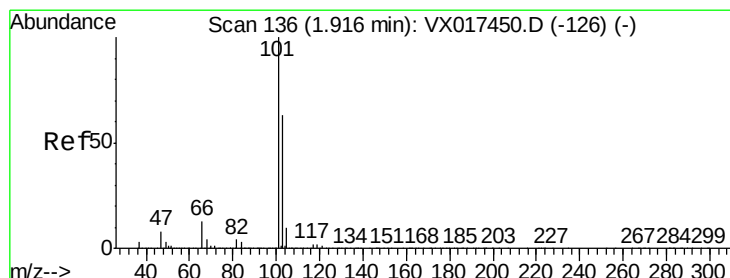
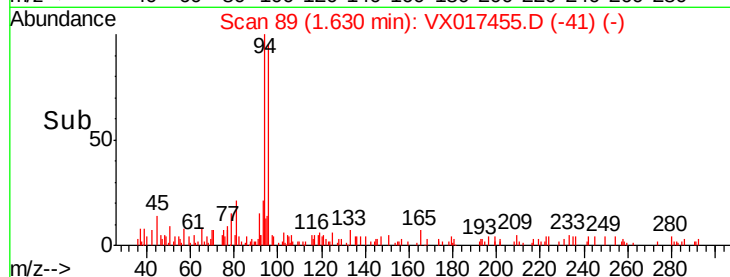
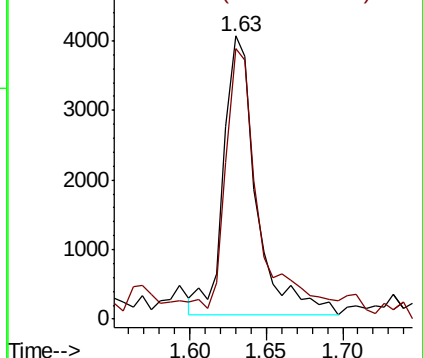
94 100

96 85.1 64.8 120.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#9

Trichlorofluoromethane

Concen: 0.171 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX017455.D

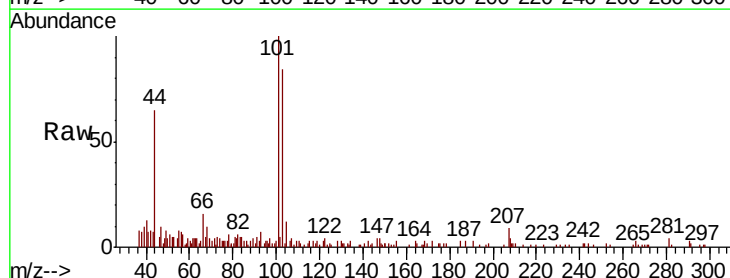
Acq: 21 Jul 2020 15:10

Tgt Ion: 101 Resp: 9832

Ion Ratio Lower Upper

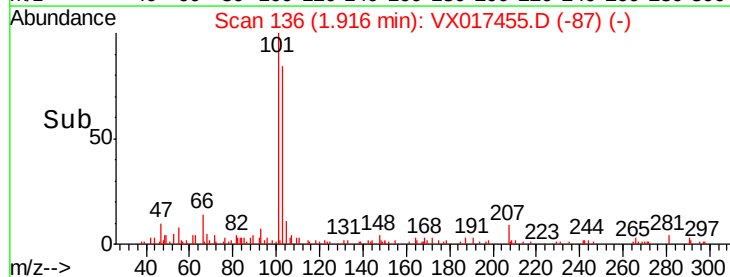
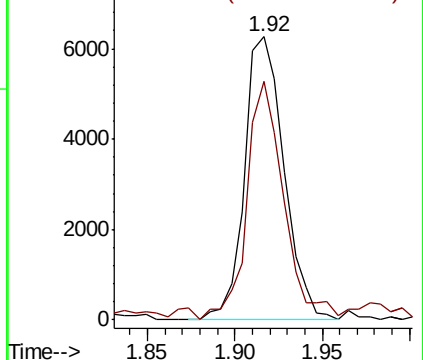
101 100

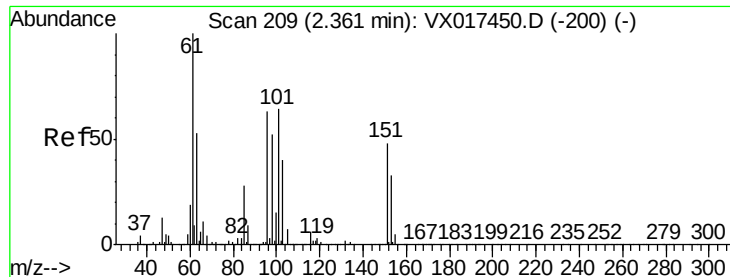
103 78.5 51.4 77.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 0.221 ug/L

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

MDL01

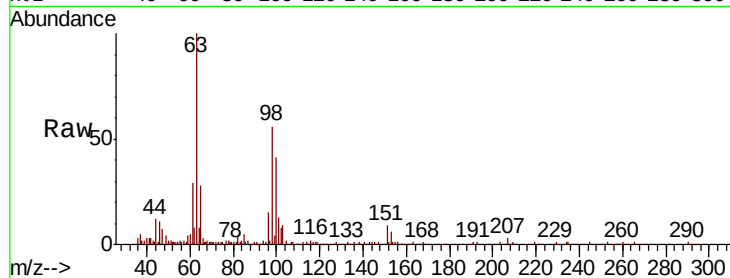
Tot Ion:101 Resp: 6882

Ion Ratio Lower Upper

101 100

85 39.0 35.3 52.9

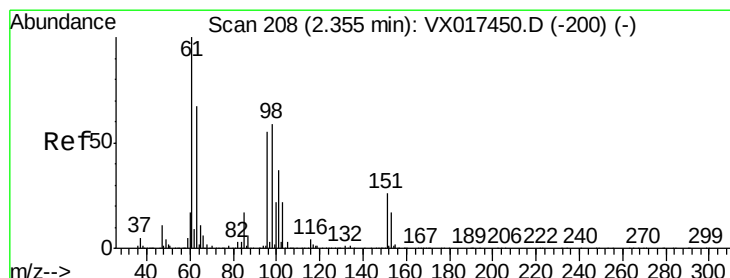
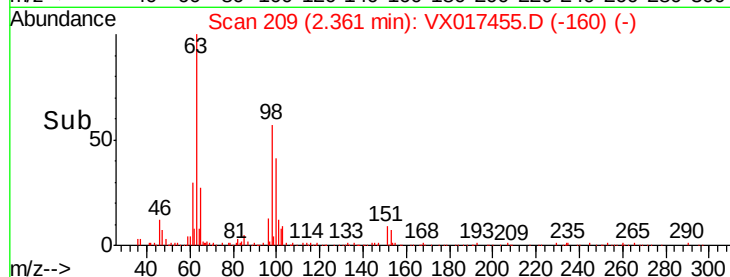
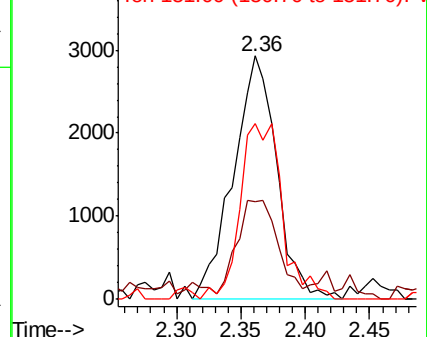
151 69.7 62.3 93.5



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: 0.272 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

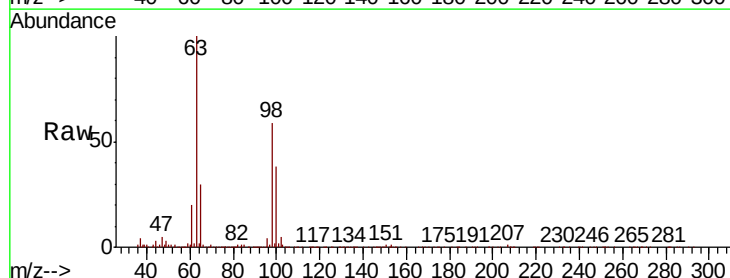
Tgt Ion: 96 Resp: 7872

Ion Ratio Lower Upper

96 100

61 471.4 126.5 234.9#

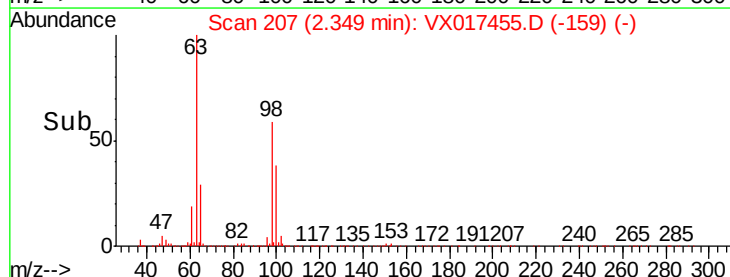
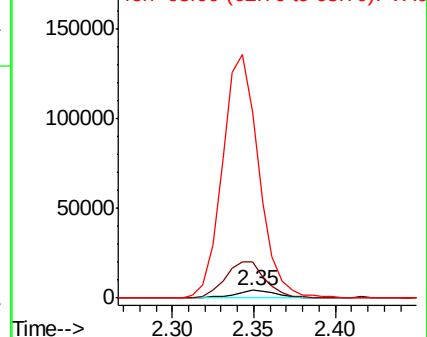
63 2415.1 85.6 159.0#

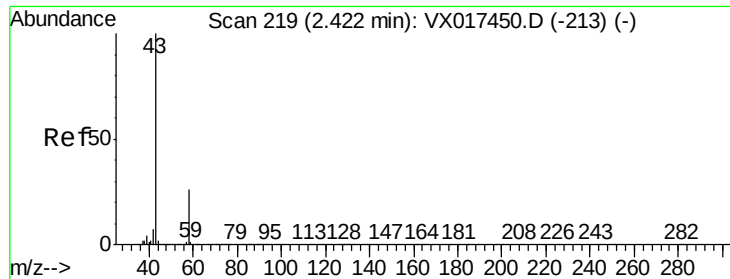


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 2.003 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

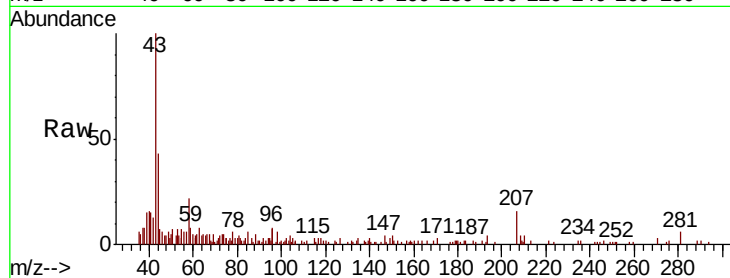
MDL01

Tot Ion: 43 Resp: 9616

Ion Ratio Lower Upper

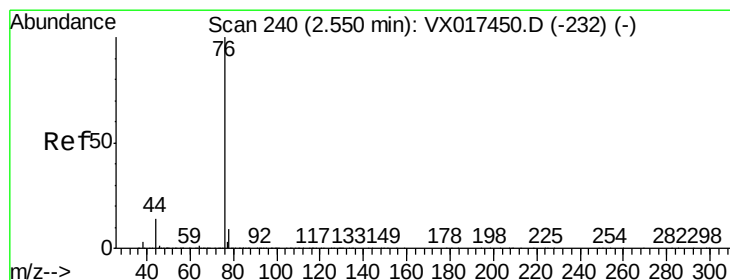
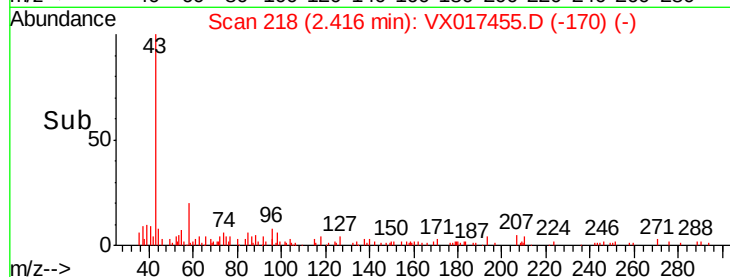
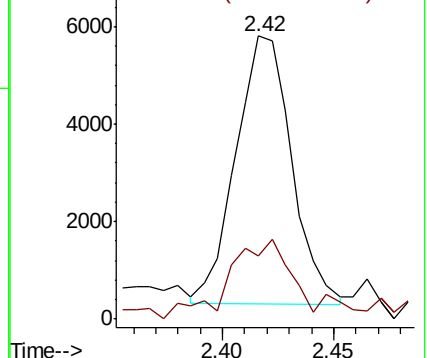
43 100

58 32.8 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017455.D

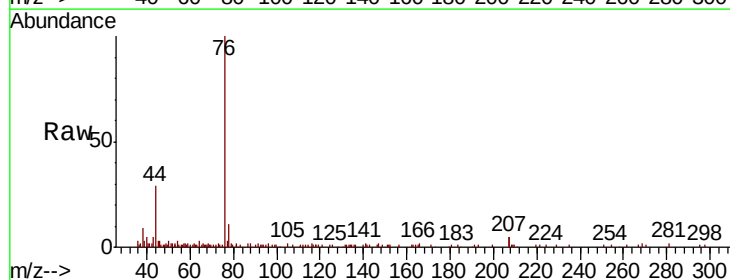
Acq: 21 Jul 2020 15:10

Tgt Ion: 76 Resp: 19900

Ion Ratio Lower Upper

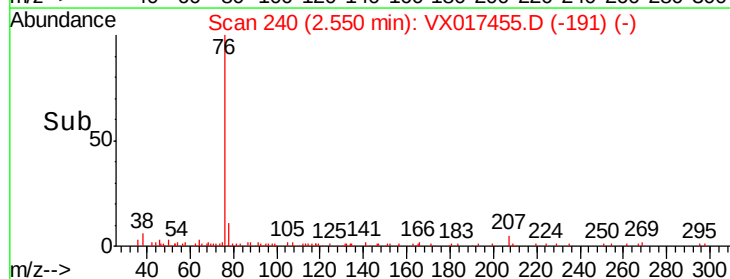
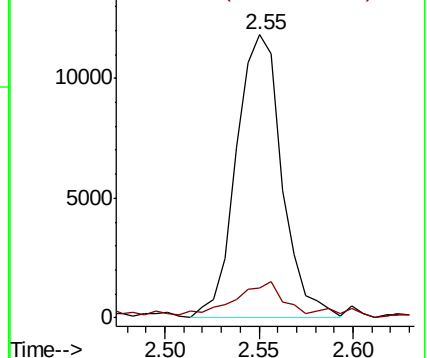
76 100

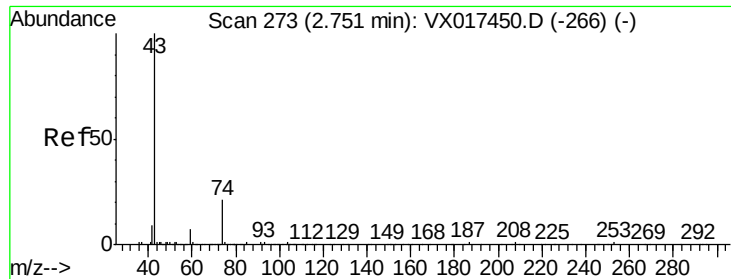
78 10.8 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

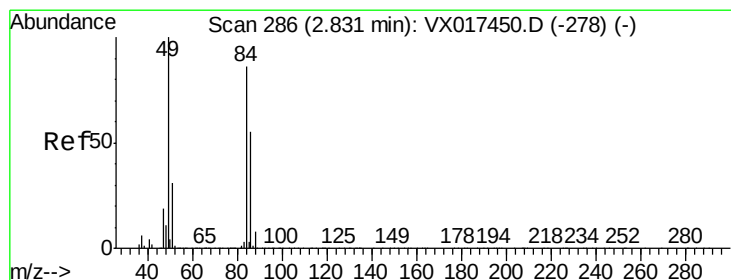
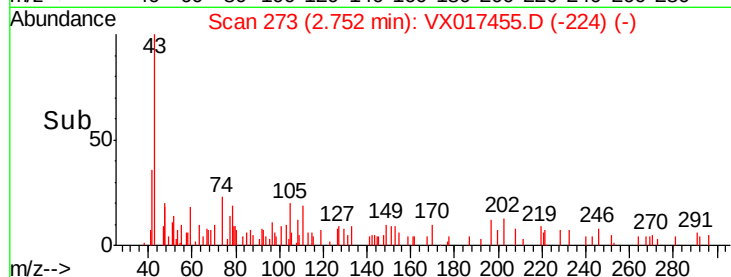
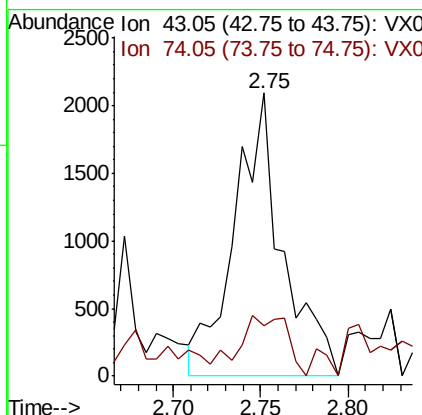
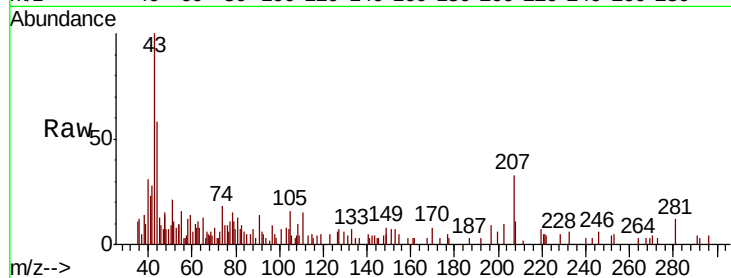




#15
Methyl Acetate
Concen: 0.286 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

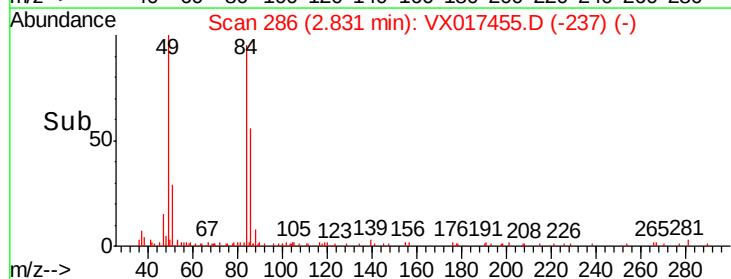
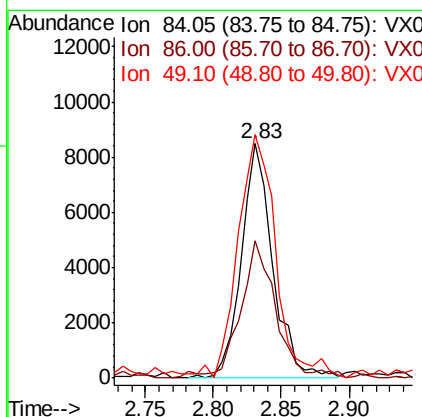
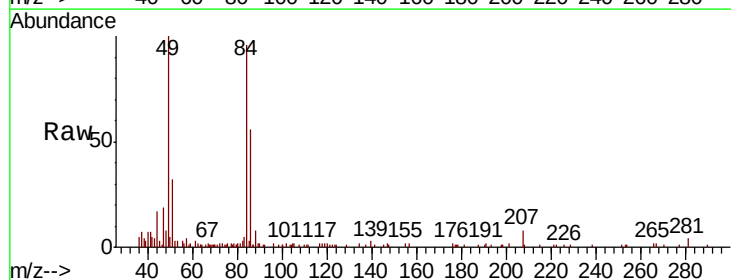
Instrument :
MSVOA_X
ClientSampleId :
MDL01

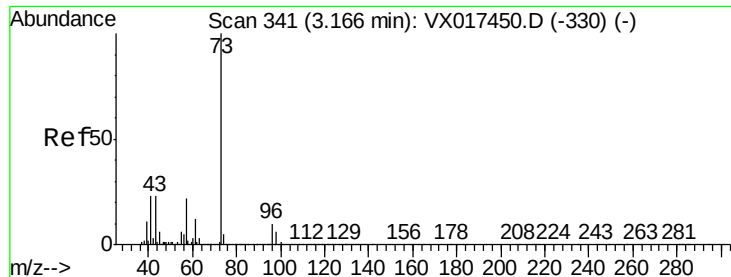
Tot Ion: 43 Resp: 3996
Ion Ratio Lower Upper
43 100
74 21.1 17.6 26.4



#16
Methylene chloride
Concen: 0.345 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

Tgt Ion: 84 Resp: 13737
Ion Ratio Lower Upper
84 100
86 58.3 44.8 83.2
49 103.8 81.0 150.4

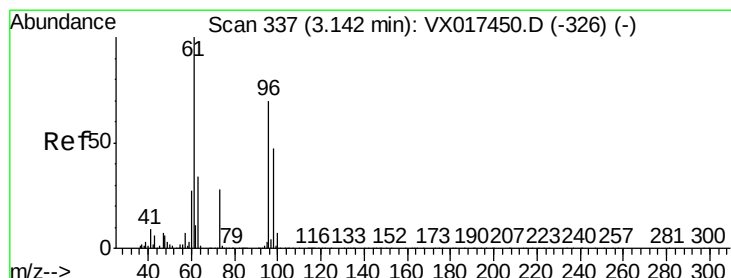
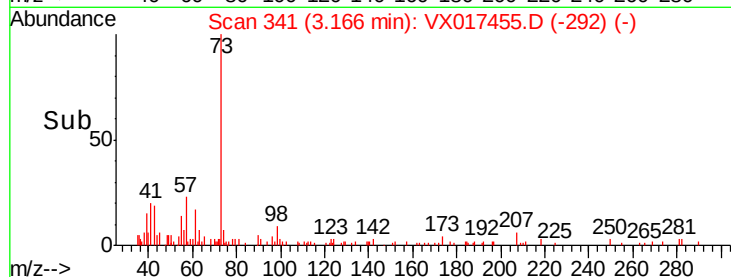
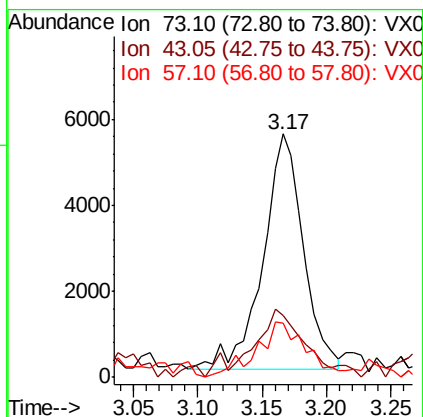
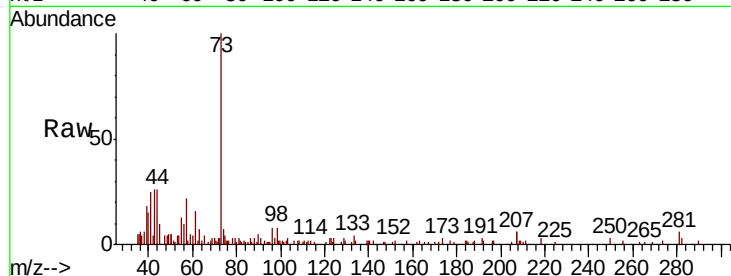




#17
Methyl tert-butyl Ether
Concen: 0.172 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

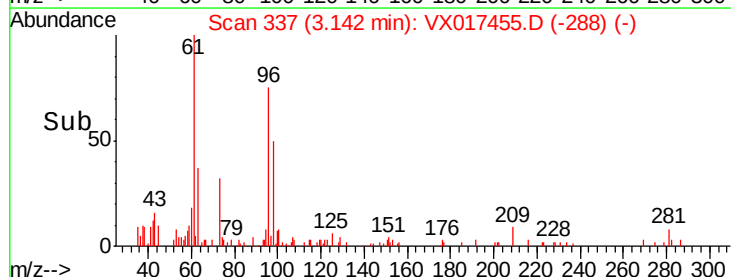
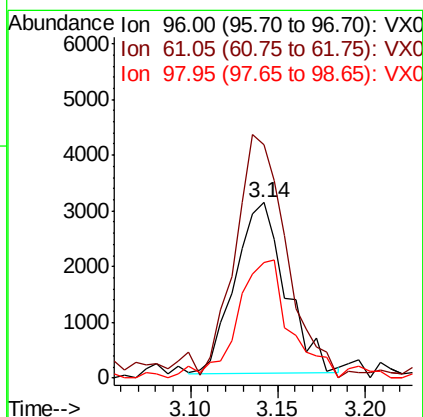
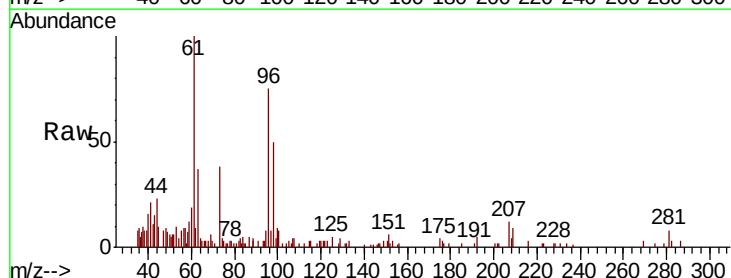
Instrument :
MSVOA_X
ClientSampleId :
MDL01

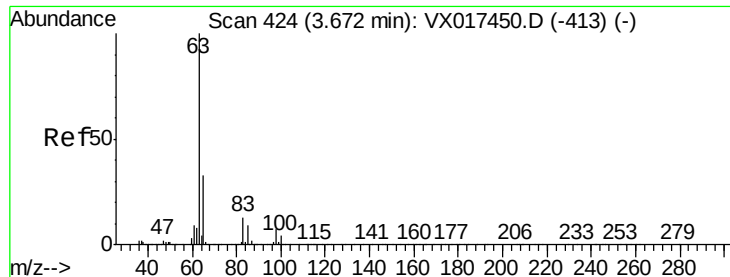
Tot Ion	Ratio	Lower	Upper
73	100		
43	34.9	17.8	26.6#
57	29.0	17.8	26.8#



#18
trans-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.1	99.8	185.4
98	66.3	46.4	86.2





#19

1,1-Dichloroethane

Concen: 0.182 ug/L

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

MDL01

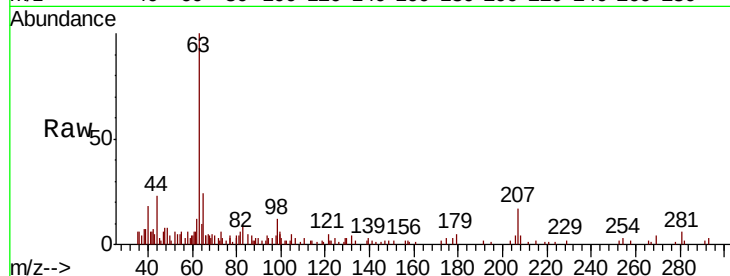
Tot Ion: 63 Resp: 9906

Ion Ratio Lower Upper

63 100

65 27.8 23.2 43.2

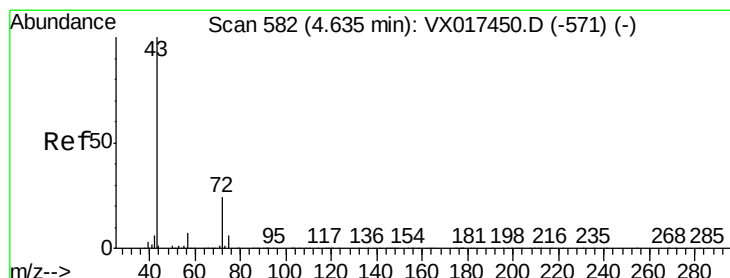
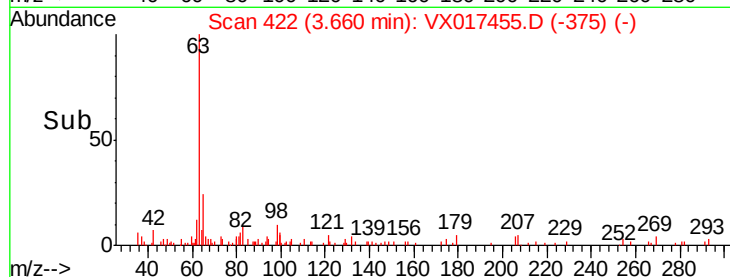
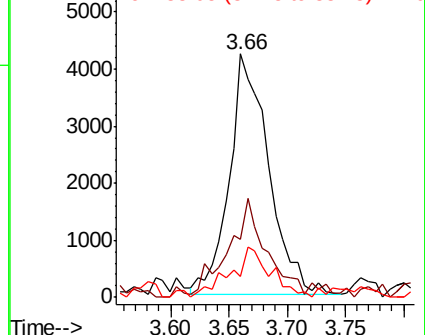
83 8.8 9.4 17.4#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0



#21

2-Butanone

Concen: 1.875 ug/L

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017455.D

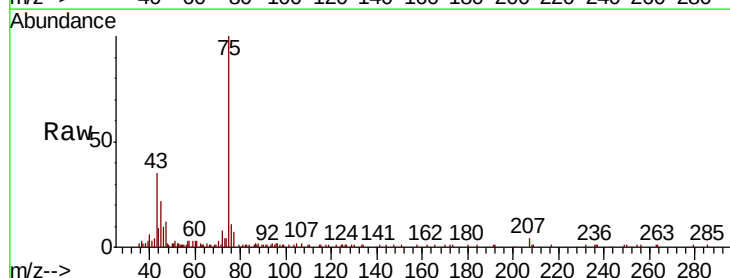
Acq: 21 Jul 2020 15:10

Tgt Ion: 43 Resp: 14345

Ion Ratio Lower Upper

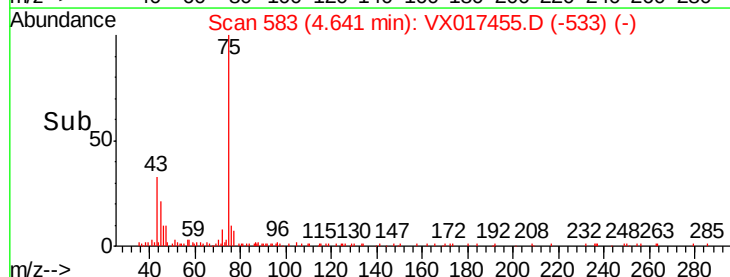
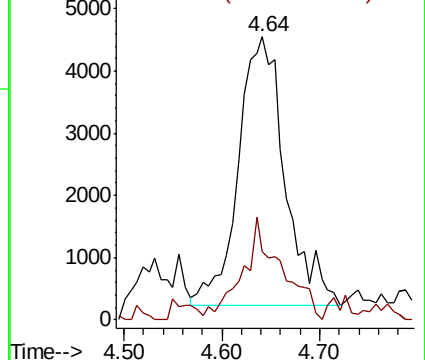
43 100

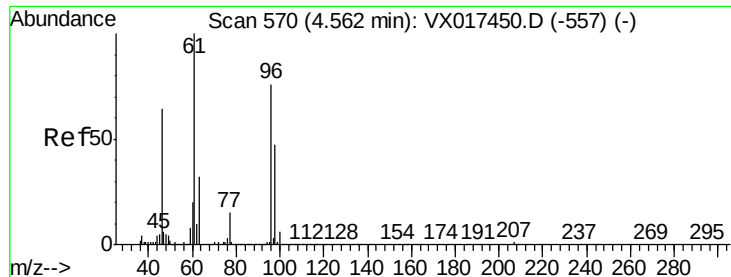
72 31.9 12.1 36.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#22

cis-1,2-Dichloroethene

Concen: 0.258 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

MDL01

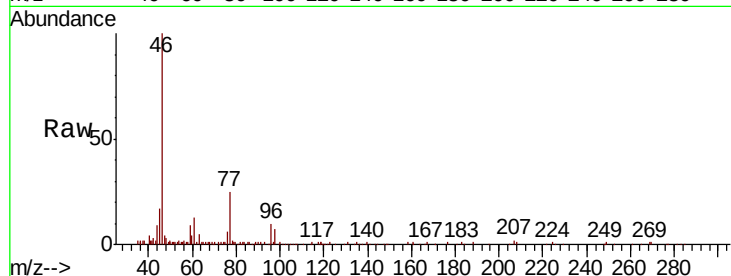
Tot Ion: 96 Resp: 7865

Ion Ratio Lower Upper

96 100

61 131.9 91.6 170.2

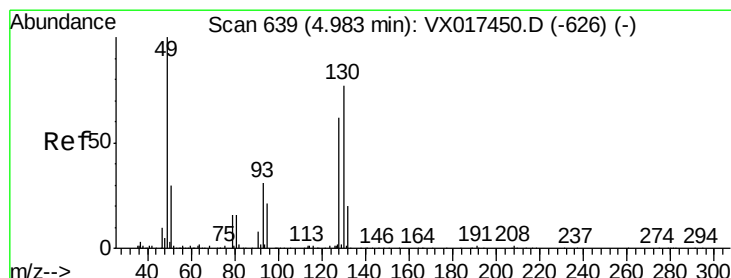
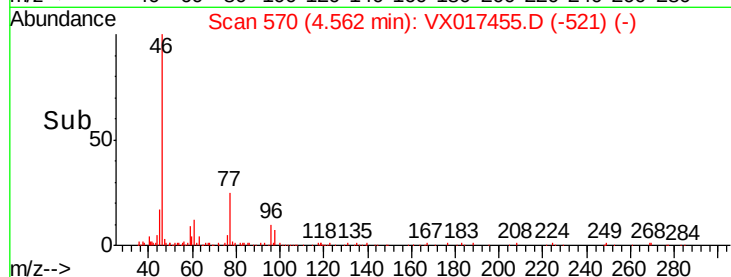
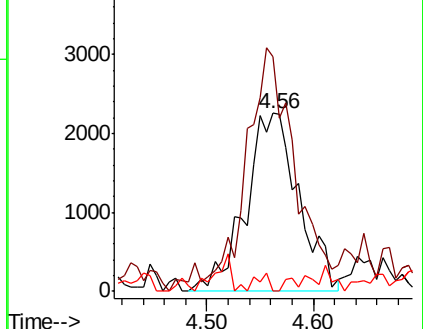
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#23

Bromochloromethane

Concen: 0.244 ug/L

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Tgt Ion: 128 Resp: 3592

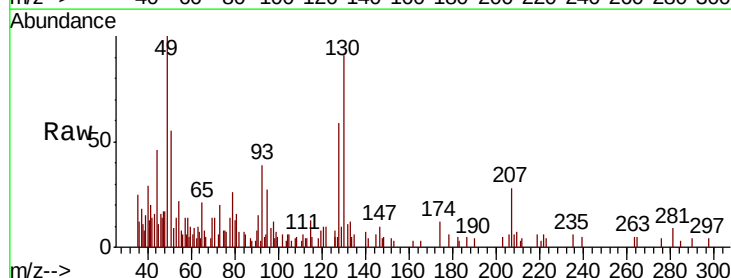
Ion Ratio Lower Upper

128 100

49 170.3 113.3 210.3

130 155.2 87.3 162.1

51 93.4 39.0 58.6#

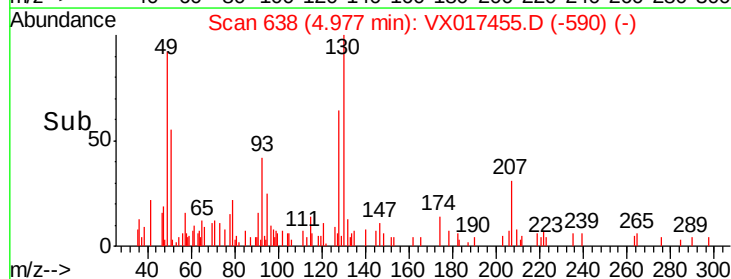
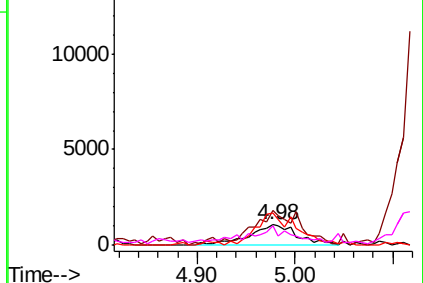


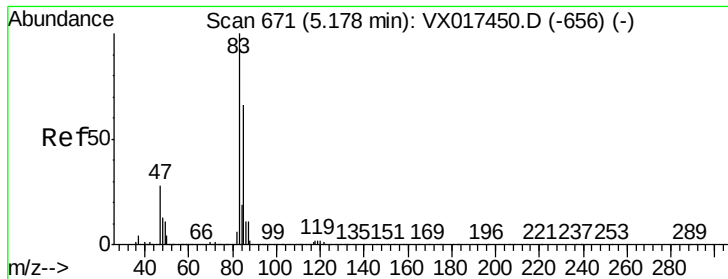
Abundance Ion 127.90 (127.60 to 128.60): V

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: 0.315 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

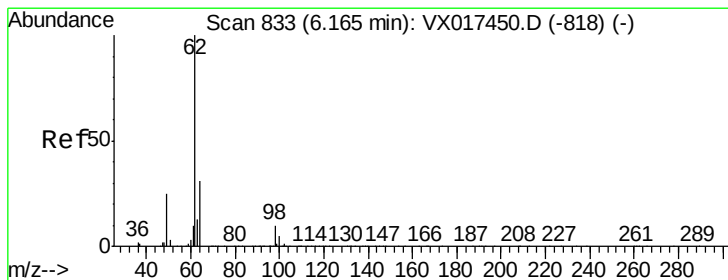
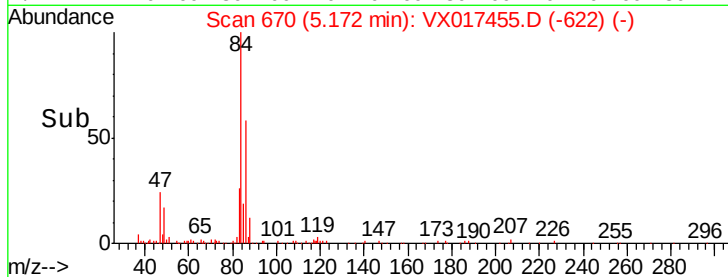
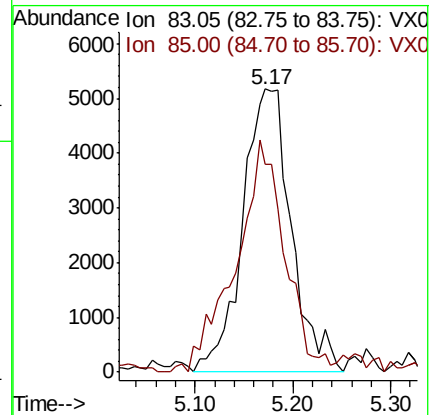
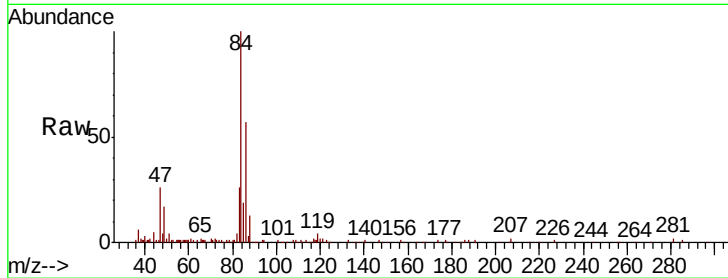
MDL01

Tot Ion: 83 Resp: 17974

Ion Ratio Lower Upper

83 100

85 73.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 0.217 ug/L

RT: 6.18 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX017455.D

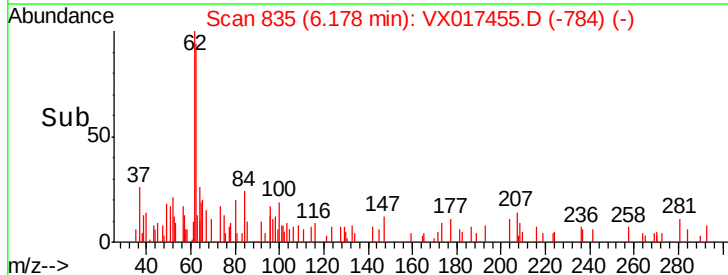
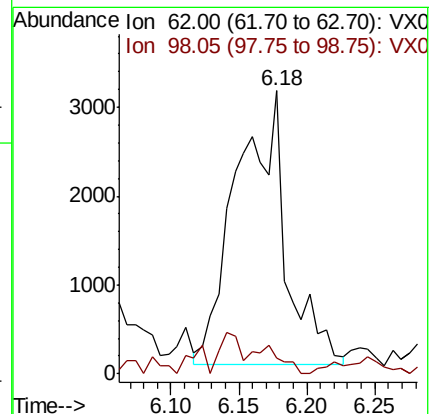
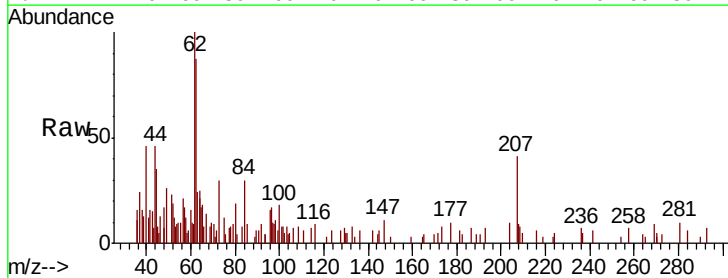
Acq: 21 Jul 2020 15:10

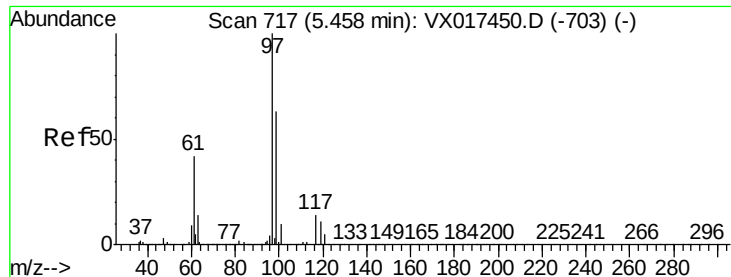
Tgt Ion: 62 Resp: 7972

Ion Ratio Lower Upper

62 100

98 5.8 7.7 11.5#

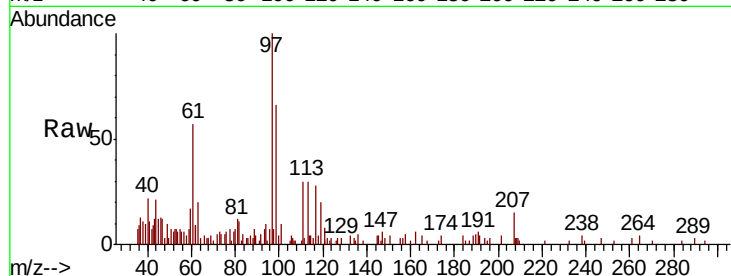




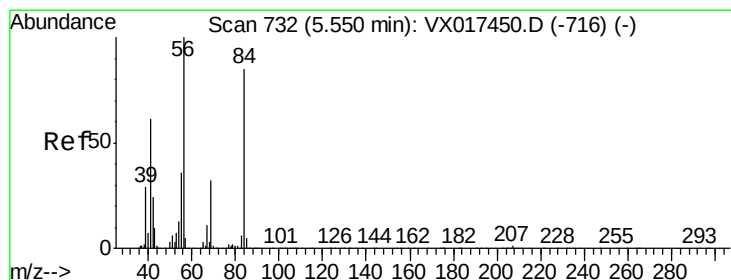
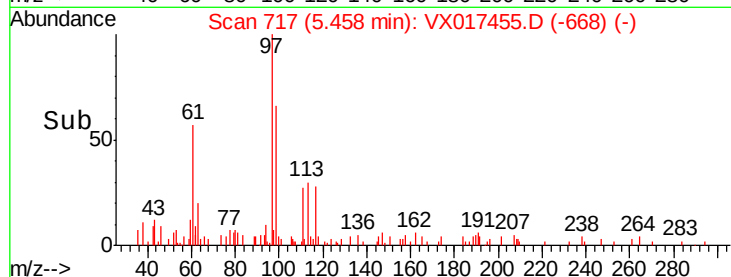
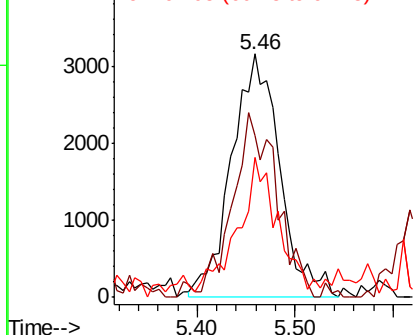
#29
1,1,1-Trichloroethane
Concen: 0.206 ug/L
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tot Ion	Ratio	Lower	Upper
97	100		
99	68.7	53.0	79.4
61	49.8	35.2	52.8

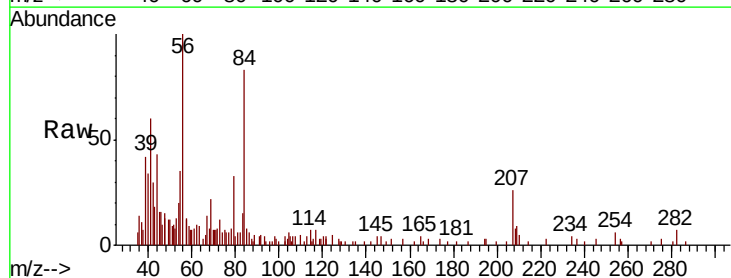


Abundance Ion 96.95 (96.65 to 97.65): VX0
Ion 99.05 (98.75 to 99.75): VX0
Ion 61.05 (60.75 to 61.75): VX0

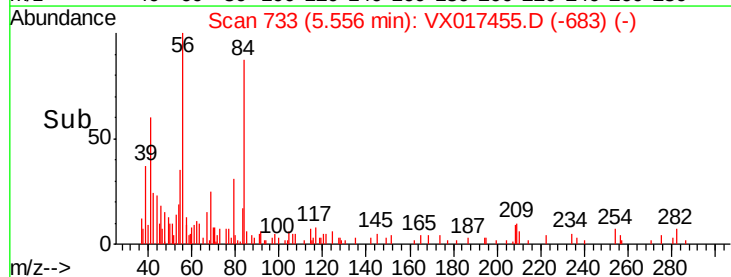
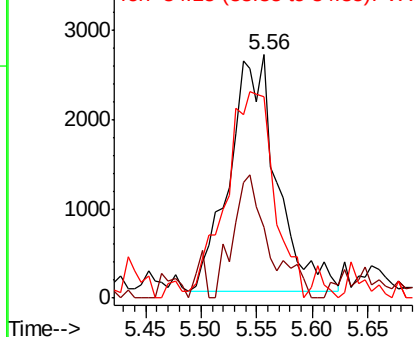


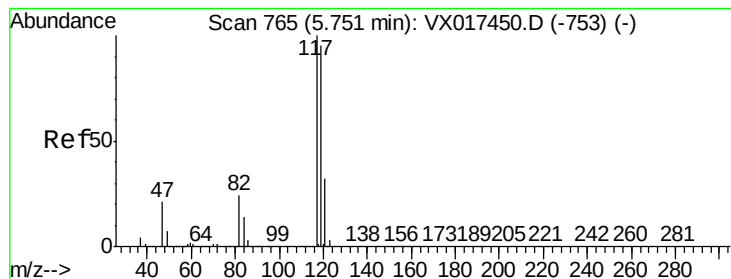
#30
Cyclohexane
Concen: 0.185 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.4	38.2
84	89.2	69.3	103.9



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





#31

Carbon tetrachloride

Concen: 0.197 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

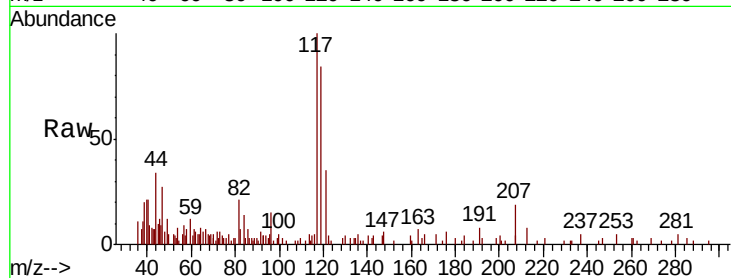
MDL01

Tot Ion:117 Resp: 9331

Ion Ratio Lower Upper

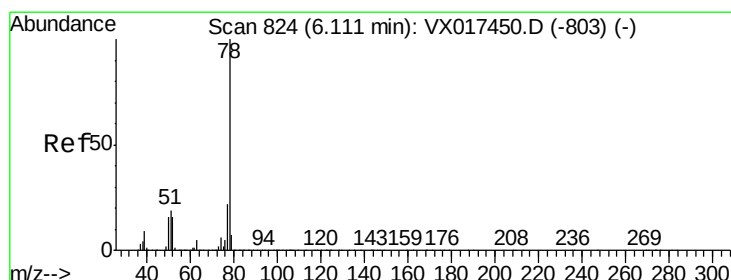
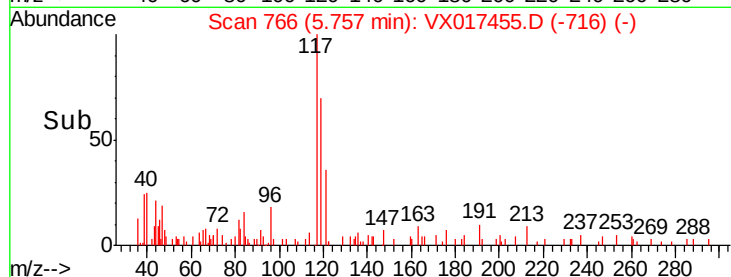
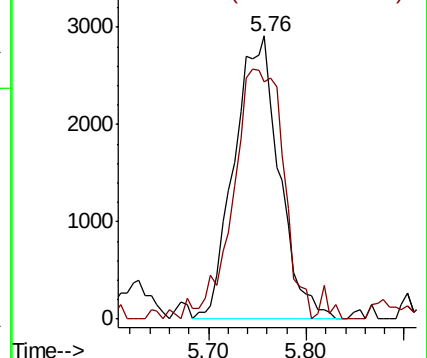
117 100

119 98.8 78.5 117.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.198 ug/L

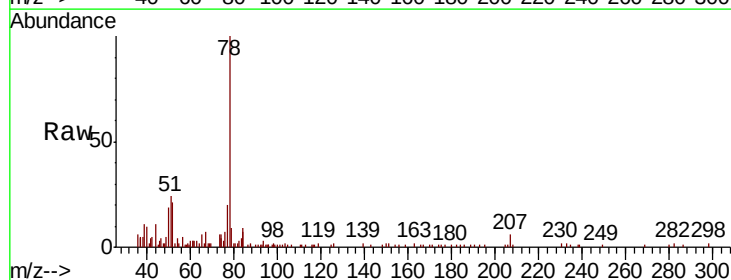
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

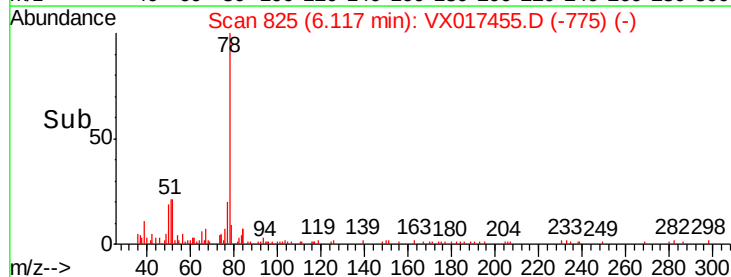
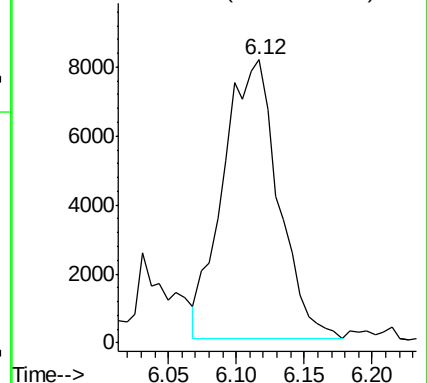
Lab File: VX017455.D

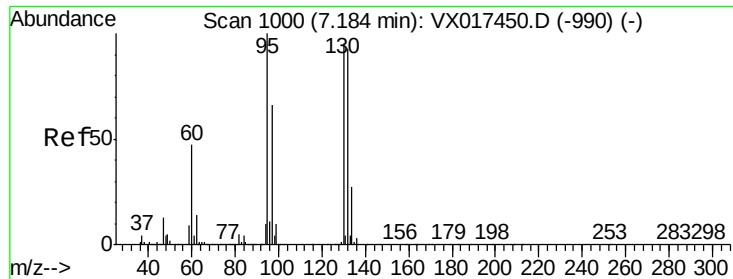
Acq: 21 Jul 2020 15:10

Tgt Ion: 78 Resp: 22836



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 0.212 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 95 Resp: 6595

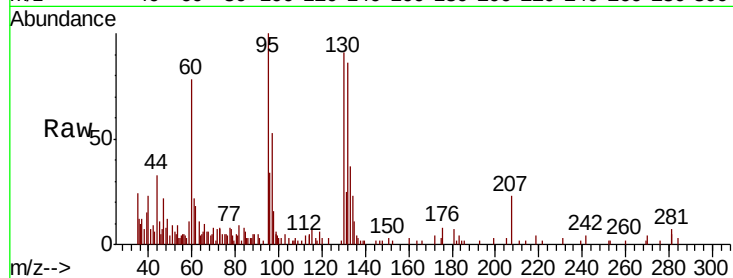
Ion Ratio Lower Upper

95 100

97 53.0 45.9 85.3

132 86.2 65.5 121.7

130 91.3 66.5 123.5

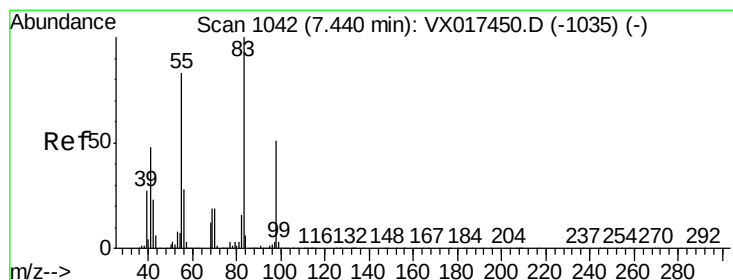
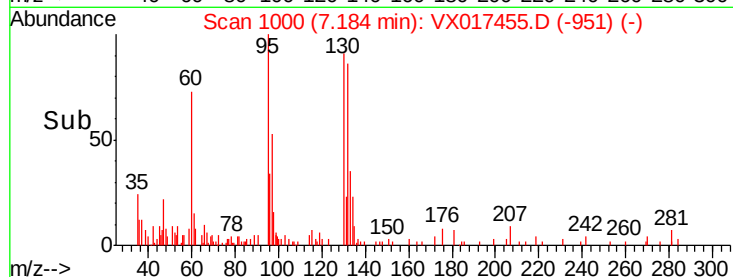
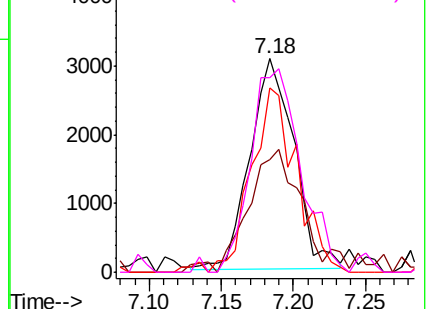


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.172 ug/L

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

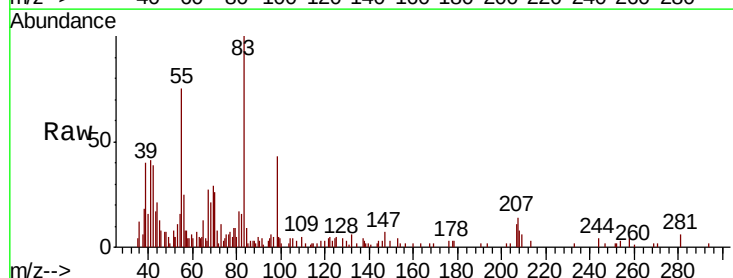
Tgt Ion: 83 Resp: 7240

Ion Ratio Lower Upper

83 100

55 95.3 65.4 98.2

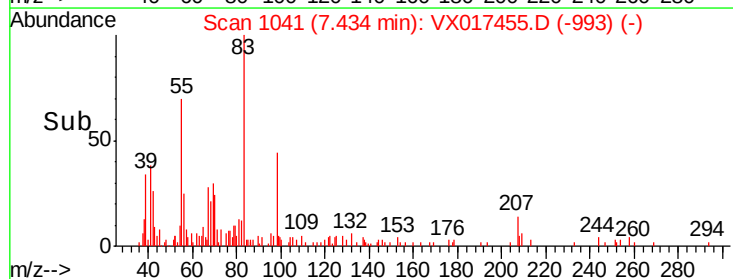
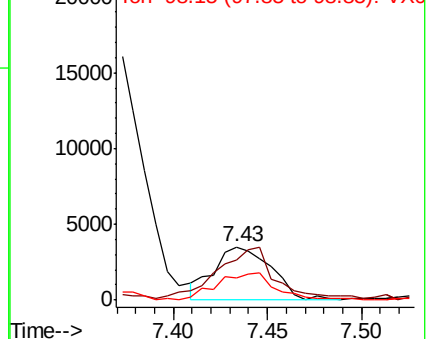
98 54.3 39.8 59.8

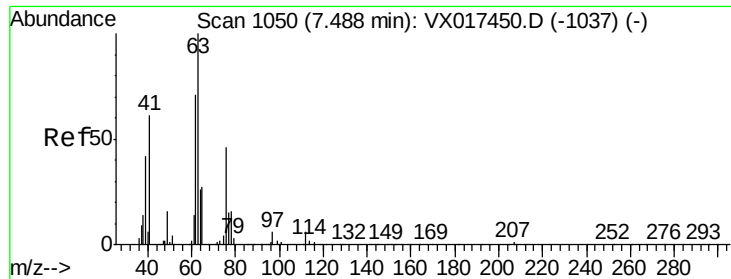


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

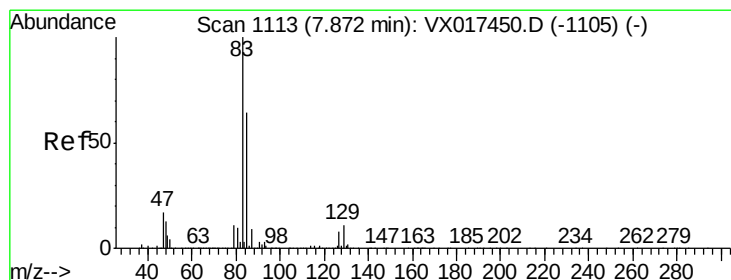
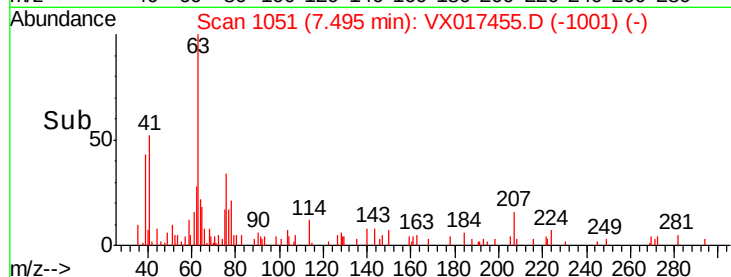
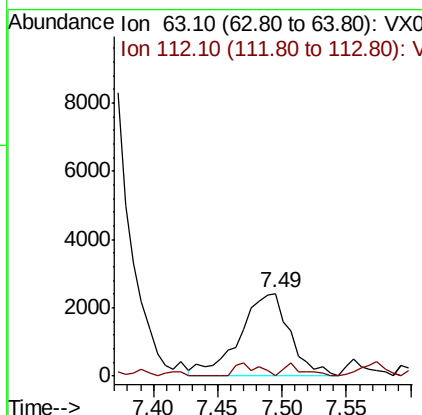
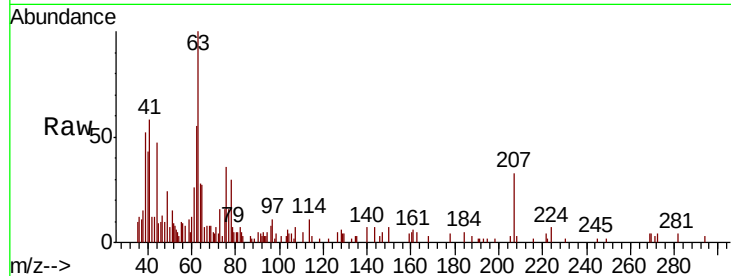




#37
 1,2-Dichloropropane
 Concen: 0.226 ug/L
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

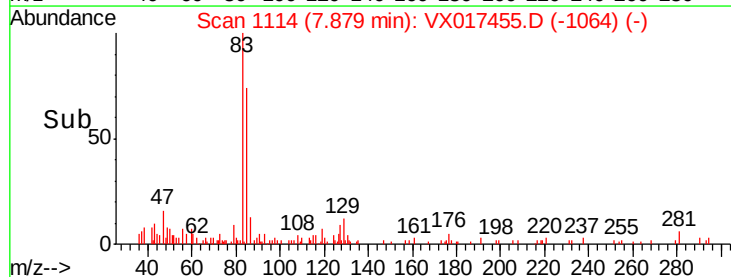
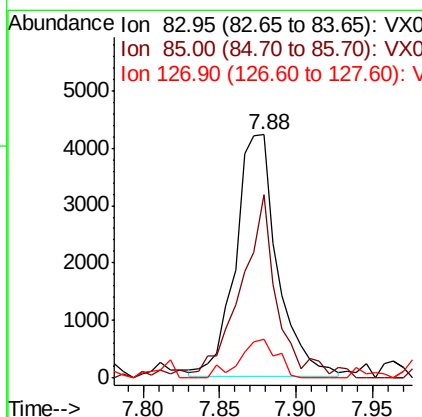
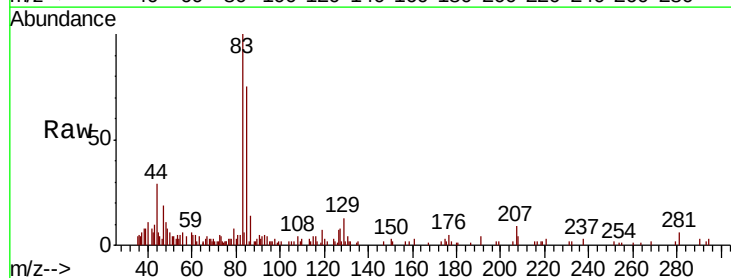
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

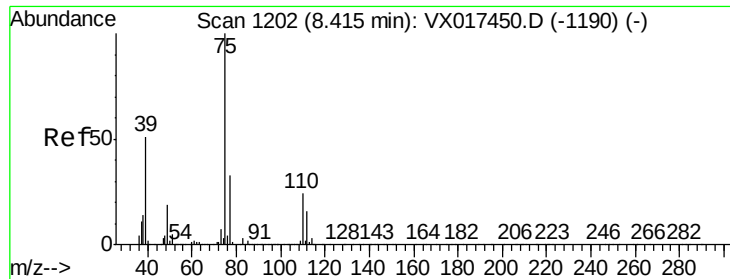
Tot Ion: 63 Resp: 6548
 Ion Ratio Lower Upper
 63 100
 112 5.8 3.8 5.8#



#38
 Bromodichloromethane
 Concen: 0.206 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

Tgt Ion: 83 Resp: 8016
 Ion Ratio Lower Upper
 83 100
 85 75.5 44.7 83.1
 127 15.9 6.3 9.5#



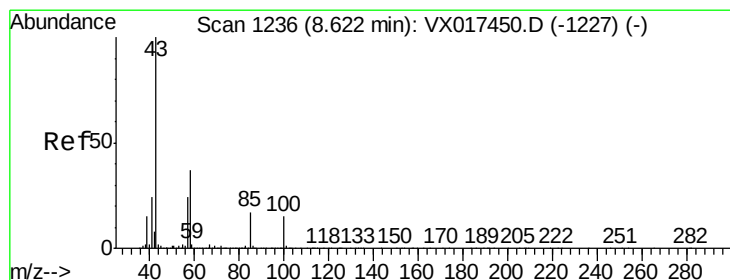
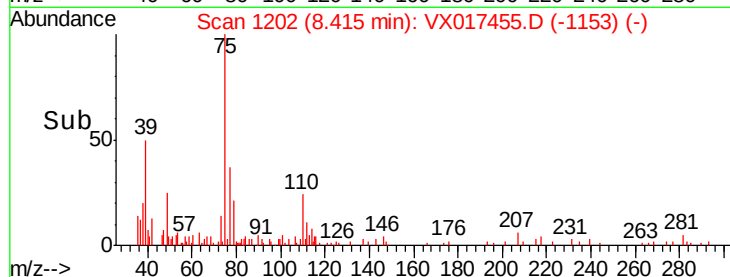
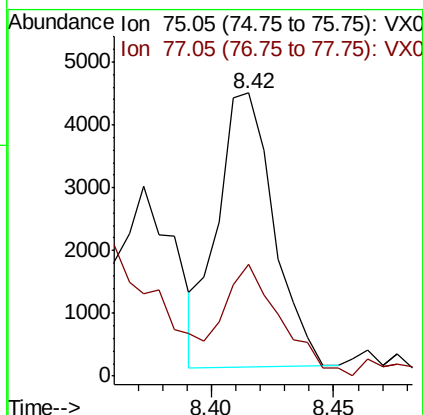
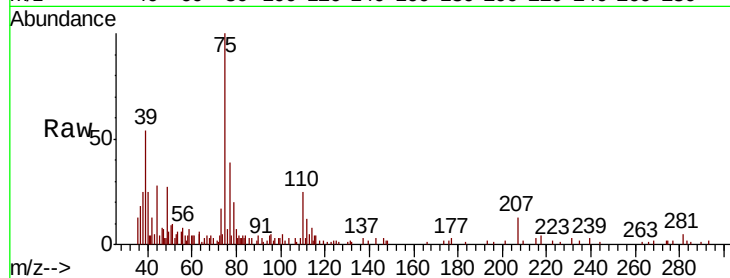


#39

cis-1,3-Dichloropropene
 Concen: 0.167 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

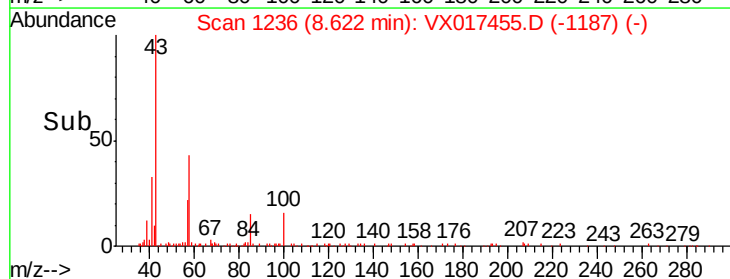
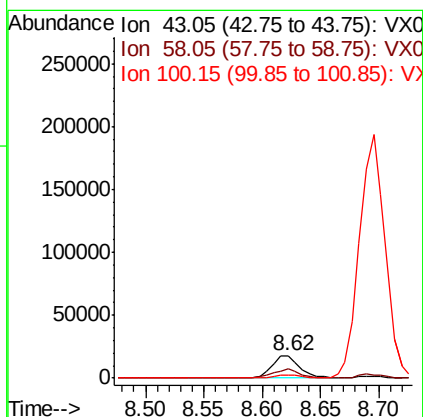
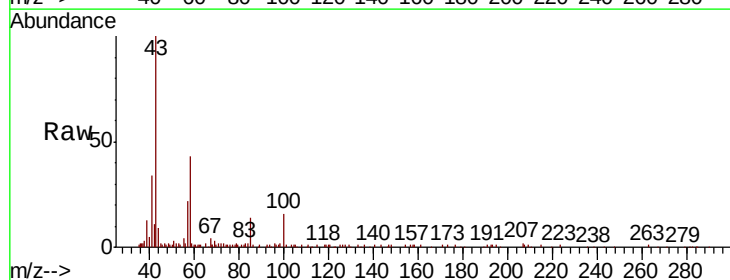
Tot Ion: 75 Resp: 6981
 Ion Ratio Lower Upper
 75 100
 77 39.4 23.1 42.9

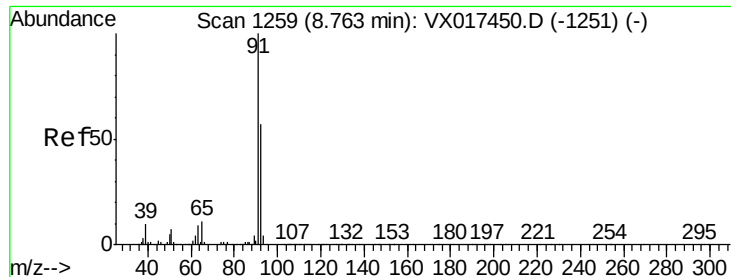


#40

4-Methyl-2-pentanone
 Concen: 1.735 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

Tgt Ion: 43 Resp: 29446
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.1 45.1
 100 0.0 6.5 9.7#





#42

Toluene

Concen: 0.194 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

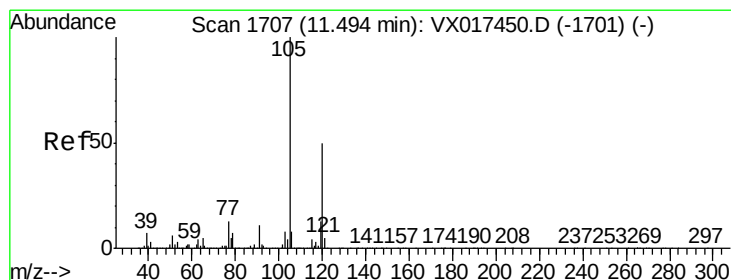
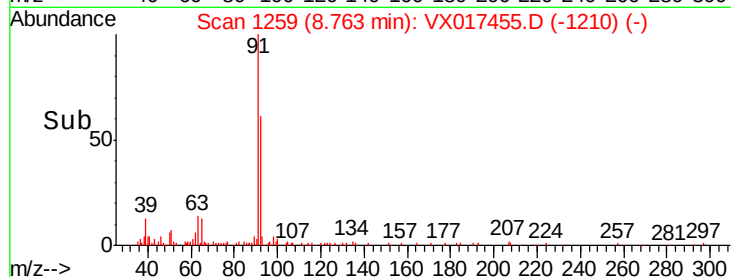
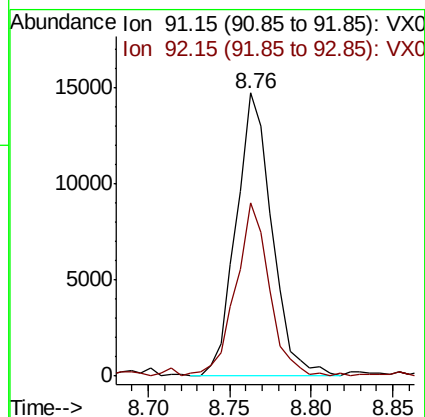
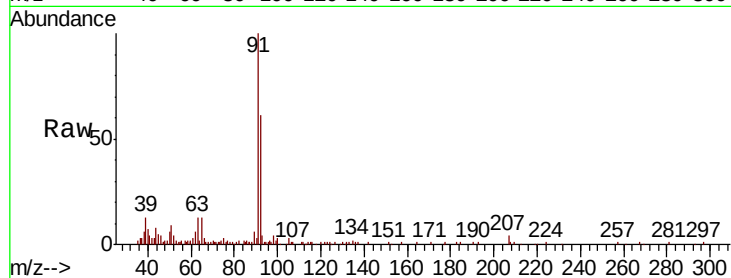
MDL01

Tot Ion: 91 Resp: 22492

Ion Ratio Lower Upper

91 100

92 61.2 39.9 74.1



#43

1,3,5-Trimethylbenzene

Concen: 0.149 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017455.D

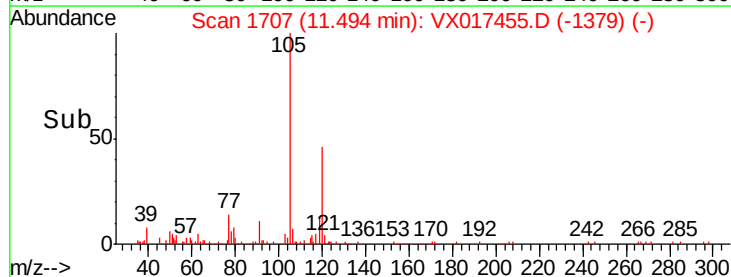
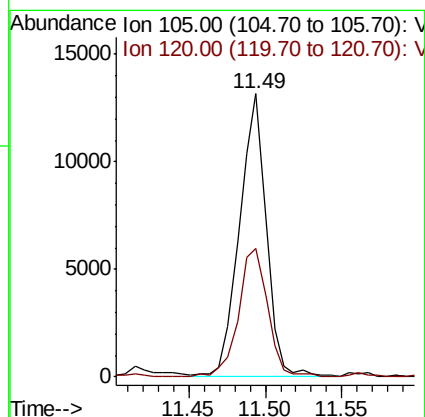
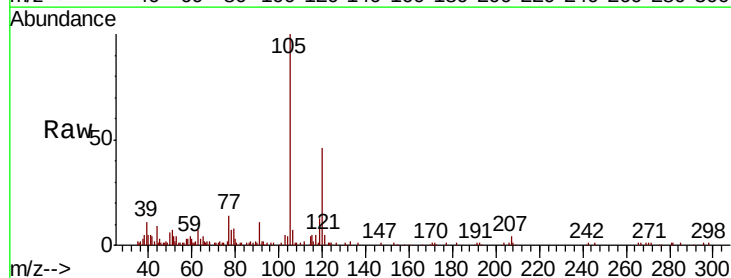
Acq: 21 Jul 2020 15:10

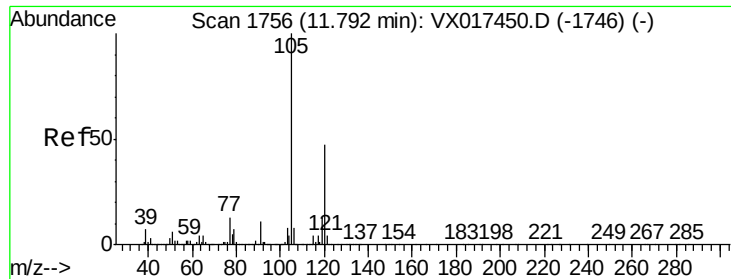
Tgt Ion:105 Resp: 16052

Ion Ratio Lower Upper

105 100

120 49.6 38.2 57.2





#44

1,2,4-Trimethylbenzene

Concen: 0.150 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

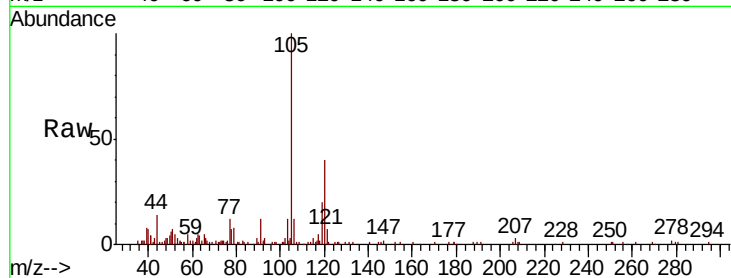
MDL01

Tot Ion:105 Resp: 16041

Ion Ratio Lower Upper

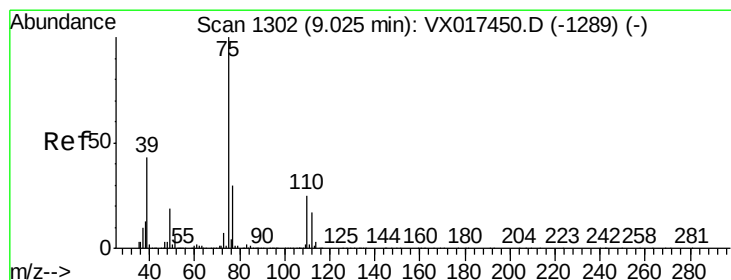
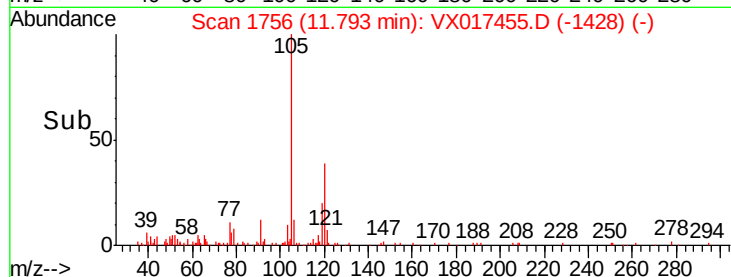
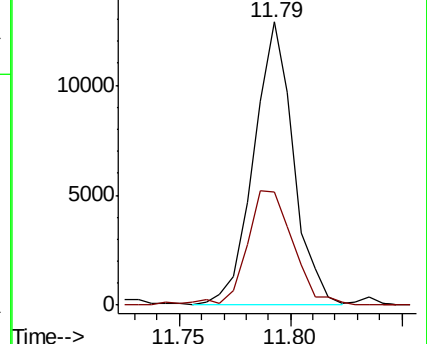
105 100

120 47.2 36.5 54.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 0.309 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017455.D

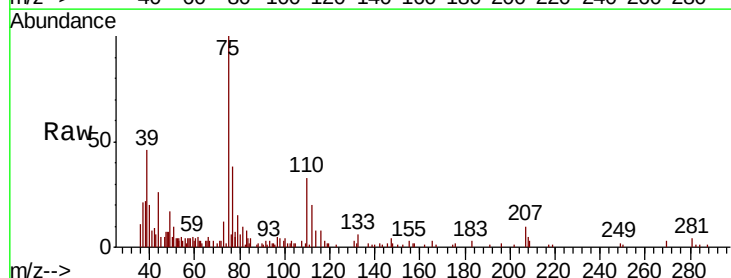
Acq: 21 Jul 2020 15:10

Tgt Ion: 75 Resp: 11164

Ion Ratio Lower Upper

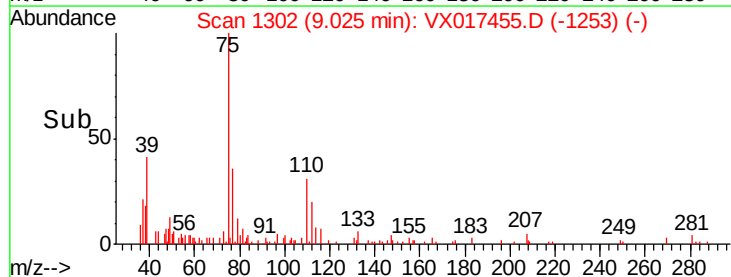
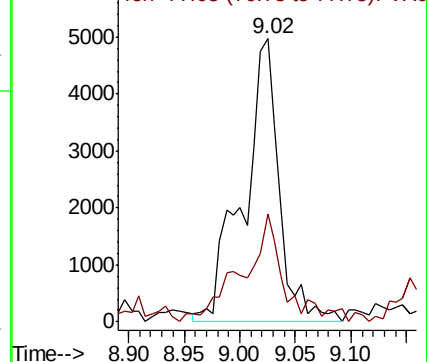
75 100

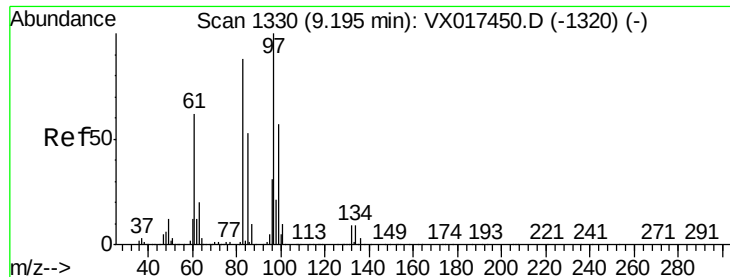
77 38.3 21.4 39.8



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0





#47

1,1,2-Trichloroethane

Concen: 0.222 ug/L

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tot Ion: 97 Resp: 4407

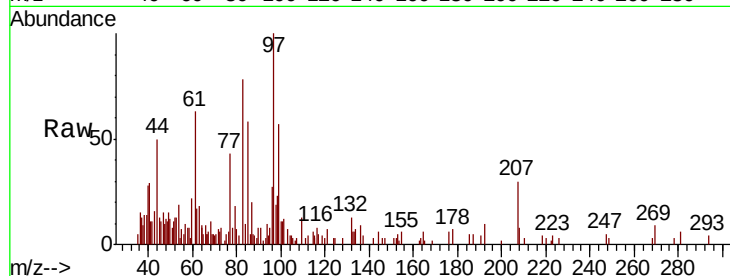
Ion Ratio Lower Upper

97 100

99 57.3 40.2 74.6

83 78.4 61.6 114.4

85 58.4 37.5 69.6

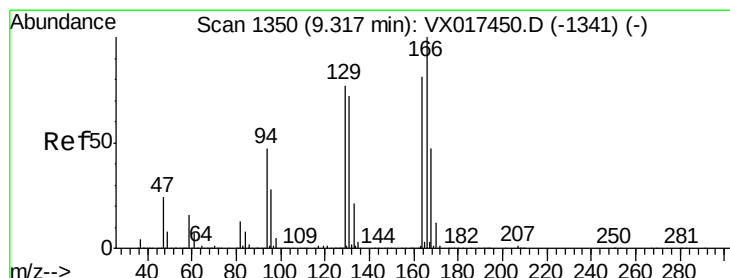
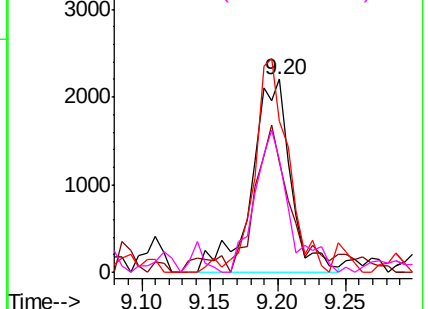
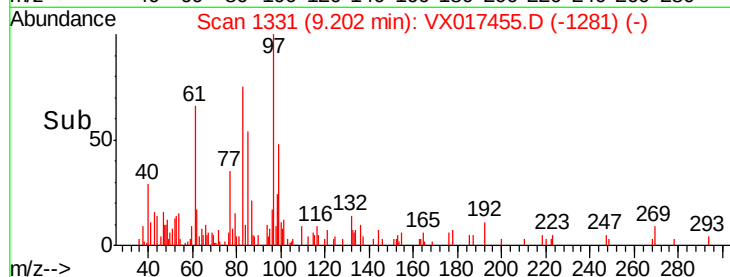


Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49

Tetrachloroethene

Concen: 0.187 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Tgt Ion:164 Resp: 4740

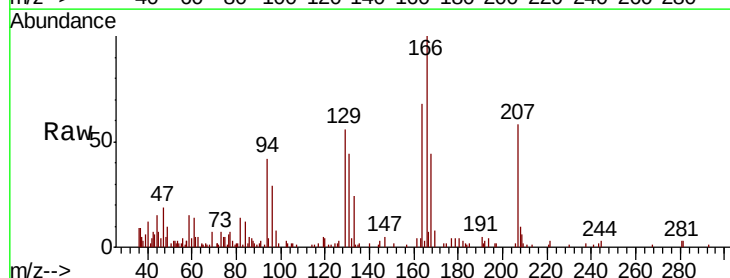
Ion Ratio Lower Upper

164 100

129 81.9 66.6 123.8

131 64.3 62.6 116.2

166 146.3 86.9 161.5

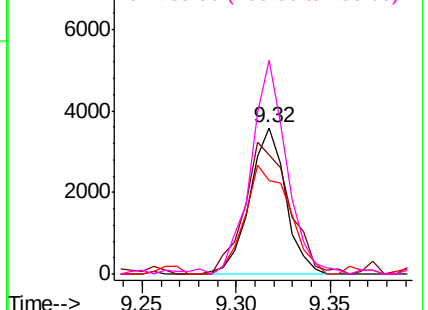
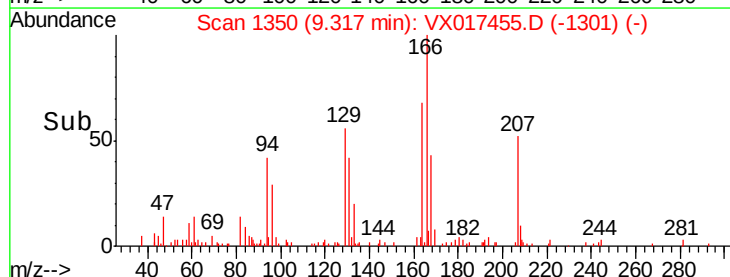


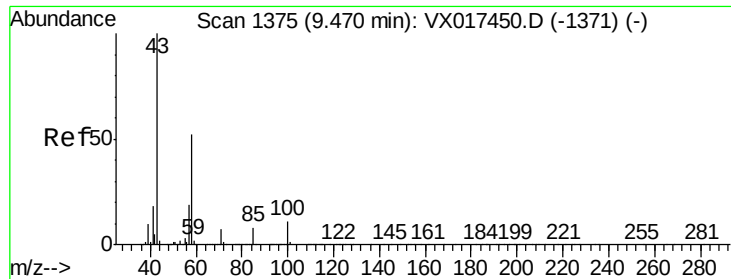
Abundance Ion 163.90 (163.60 to 164.60): V

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

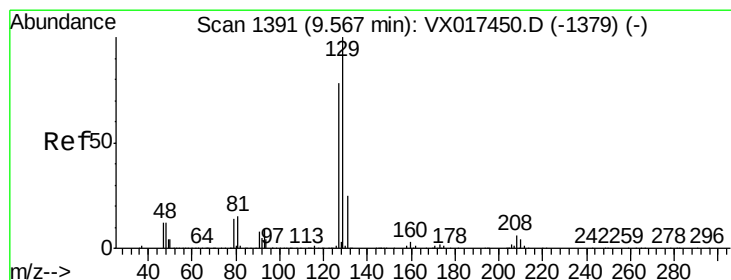
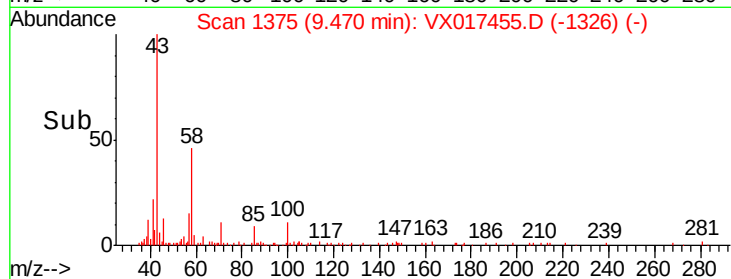
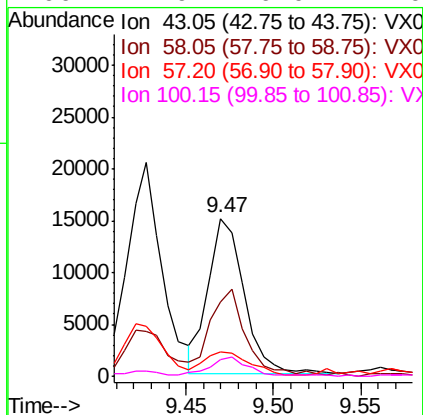
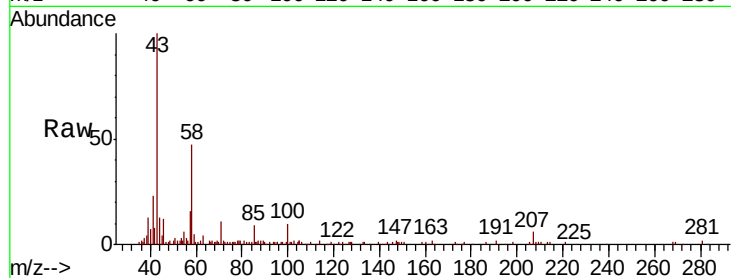




#50
2-Hexanone
Concen: 1.739 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

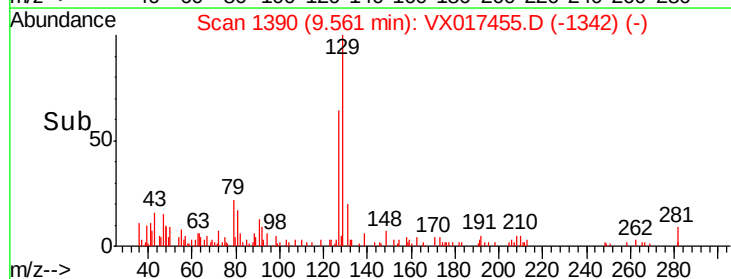
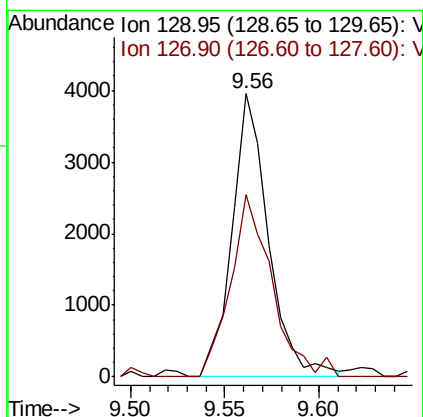
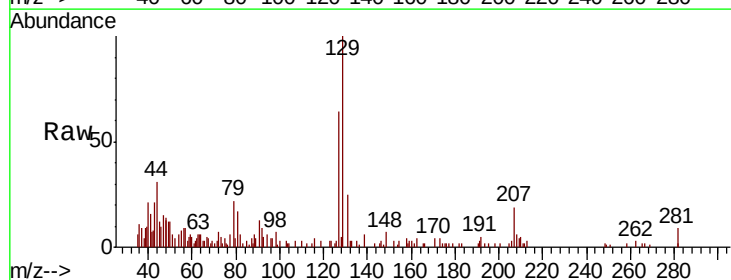
Instrument :
MSVOA_X
ClientSampleId :
MDL01

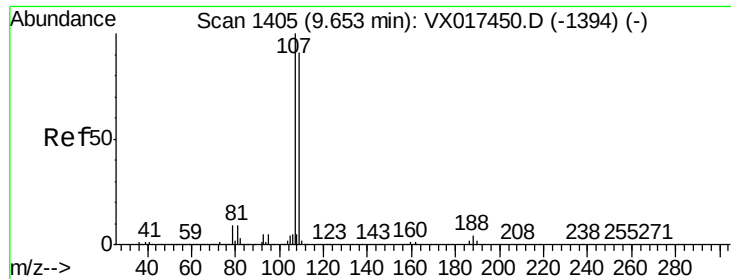
Tot Ion:	43	Resp:	21540
Ion	Ratio	Lower	Upper
43	100		
58	55.1	41.4	62.0
57	18.9	26.9	40.3#
100	11.9	16.0	24.0#



#51
Dibromochloromethane
Concen: 0.194 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017455.D
Acq: 21 Jul 2020 15:10

Tgt Ion:	129	Resp:	5295
Ion	Ratio	Lower	Upper
129	100		
127	64.3	54.7	101.5





#52

1,2-Dibromoethane

Concen: 0.197 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

MDL01

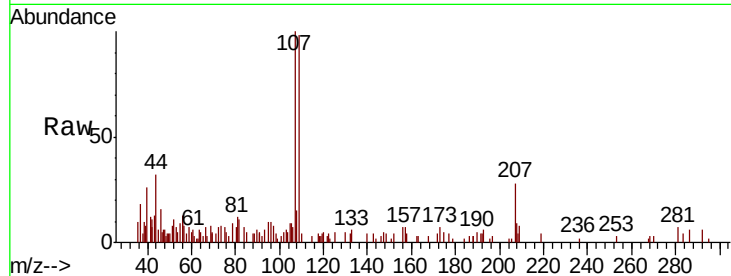
Tot Ion:107 Resp: 3887

Ion Ratio Lower Upper

107 100

109 98.1 63.9 118.7

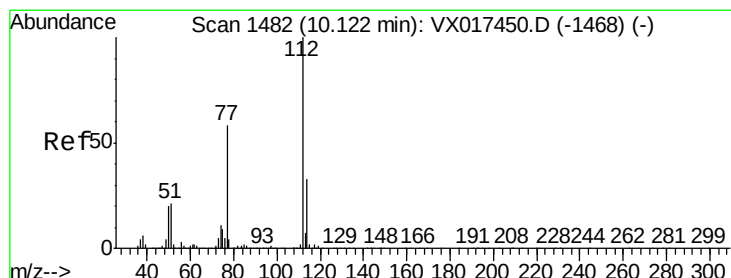
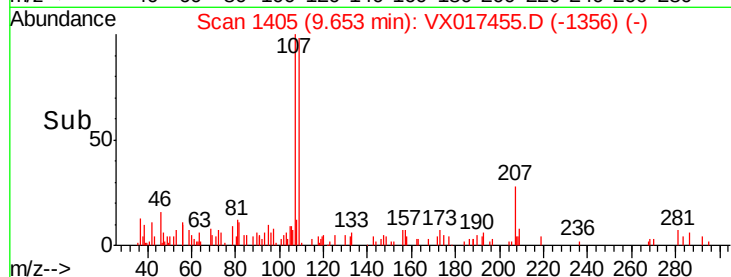
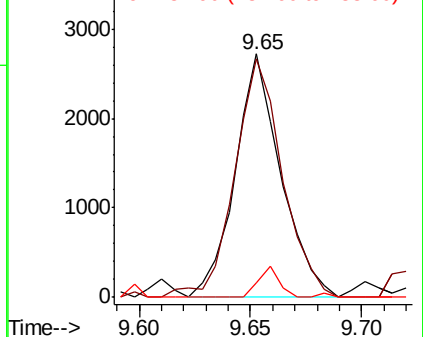
188 5.9 3.0 4.4#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 0.200 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

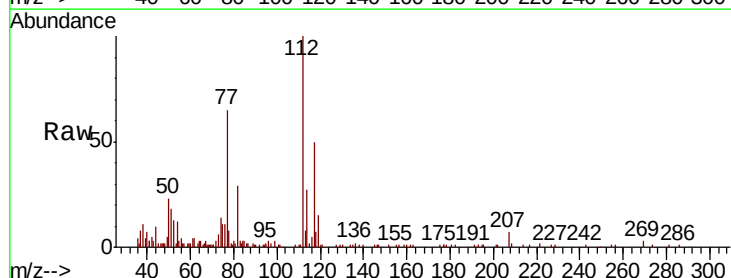
Tgt Ion:112 Resp: 15722

Ion Ratio Lower Upper

112 100

114 27.0 23.1 42.9

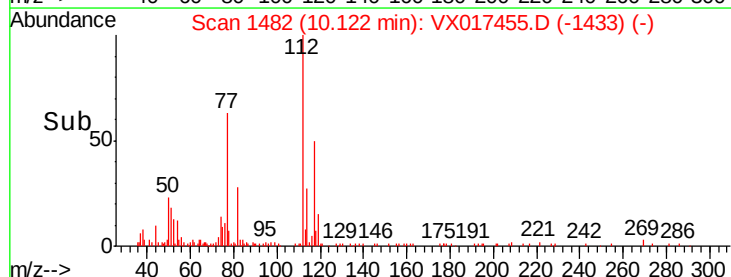
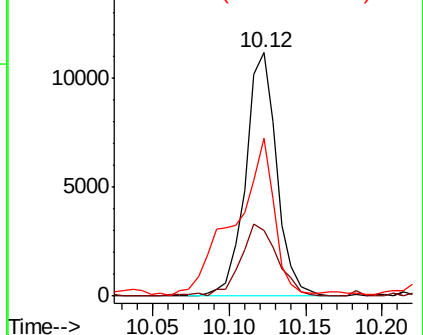
77 65.1 46.2 69.2

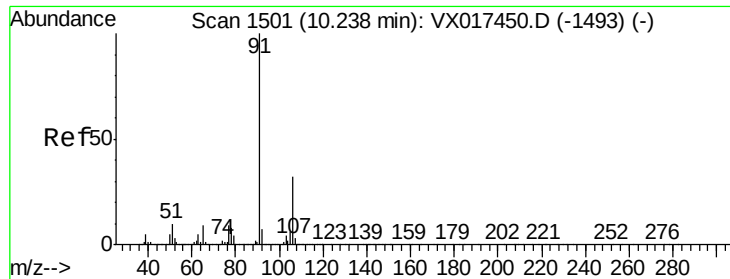


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#54

Ethylbenzene

Concen: 0.178 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

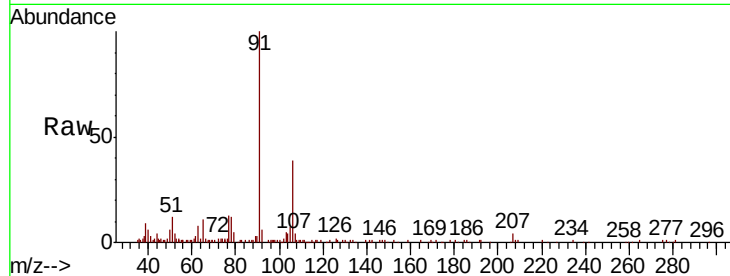
MDL01

Tot Ion: 91 Resp: 22302

Ion Ratio Lower Upper

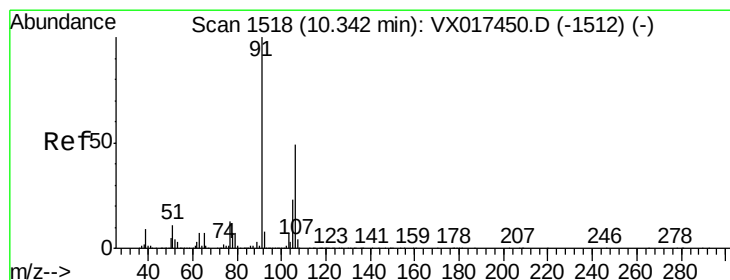
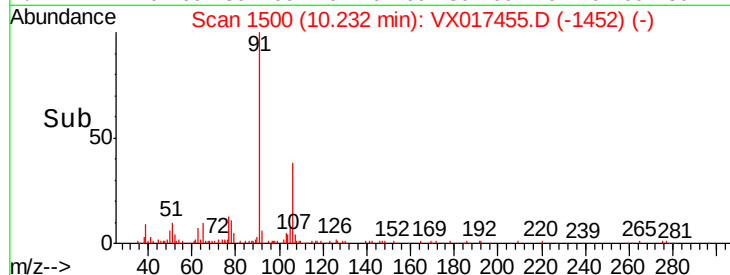
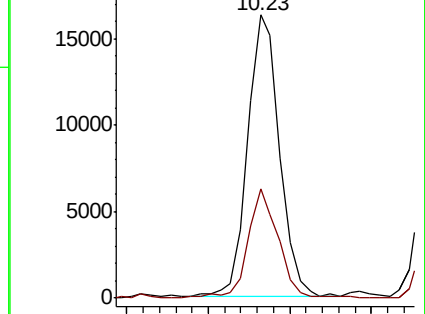
91 100

106 38.6 22.5 41.7



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 0.178 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017455.D

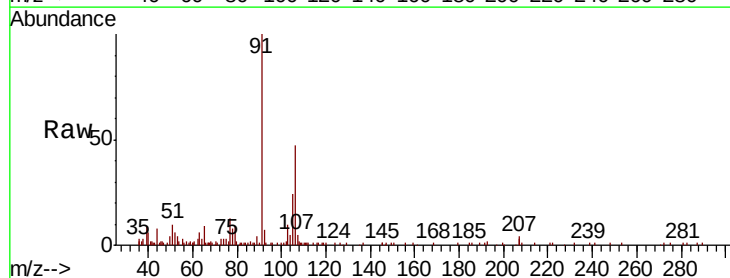
Acq: 21 Jul 2020 15:10

Tgt Ion: 106 Resp: 8932

Ion Ratio Lower Upper

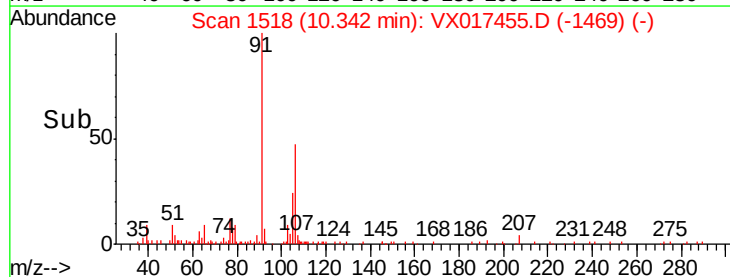
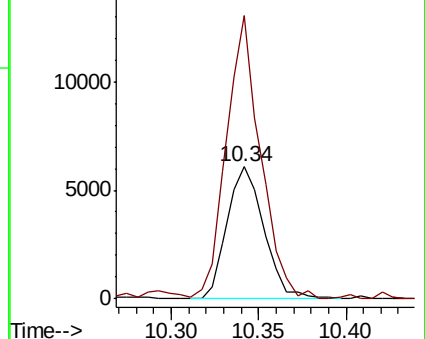
106 100

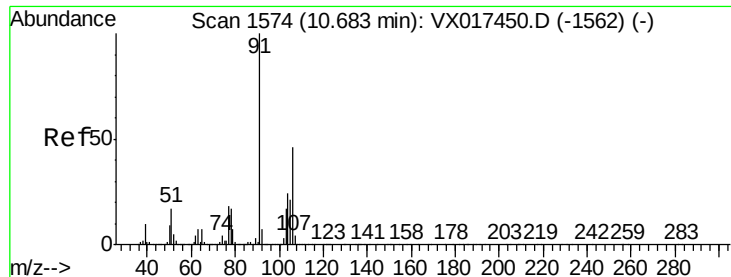
91 214.8 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#56

o-xylene

Concen: 0.184 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

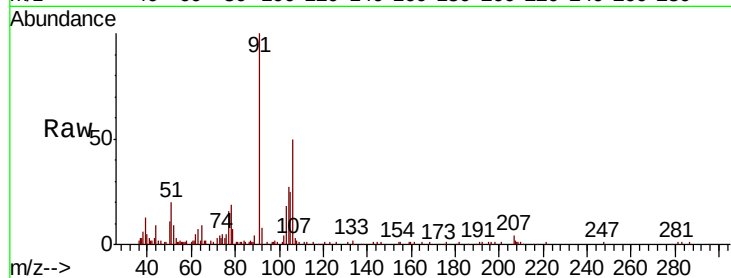
MDL01

Tot Ion:106 Resp: 8964

Ion Ratio Lower Upper

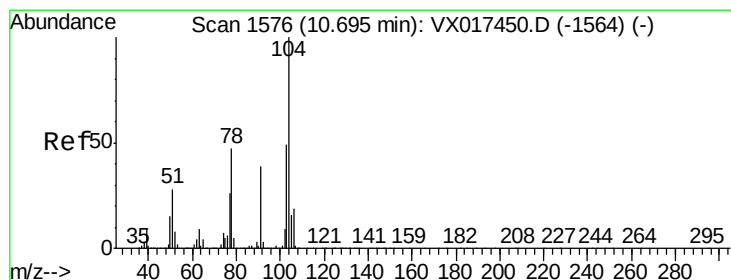
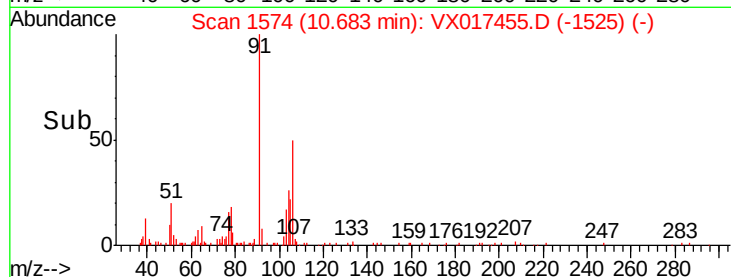
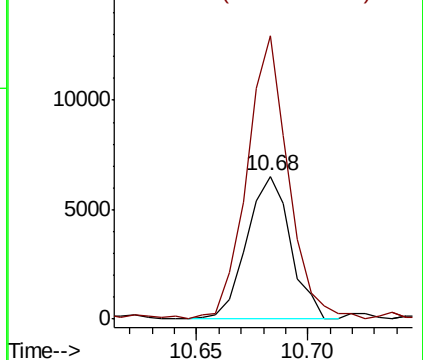
106 100

91 198.1 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 0.163 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017455.D

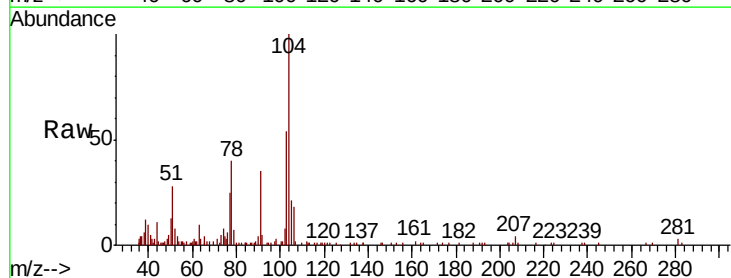
Acq: 21 Jul 2020 15:10

Tgt Ion:104 Resp: 13220

Ion Ratio Lower Upper

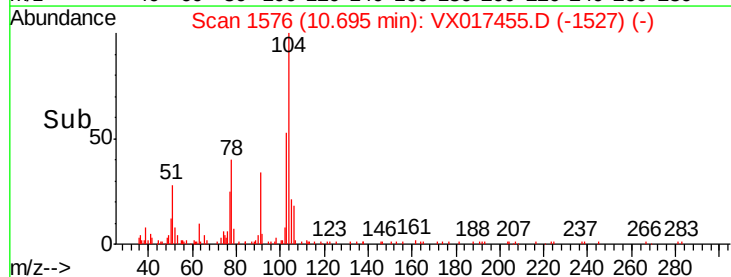
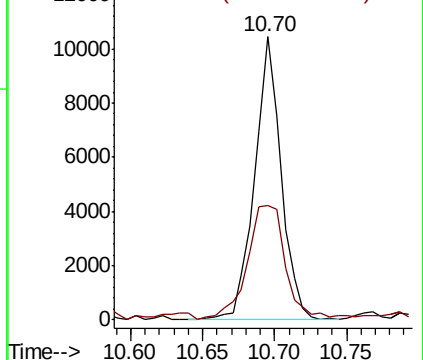
104 100

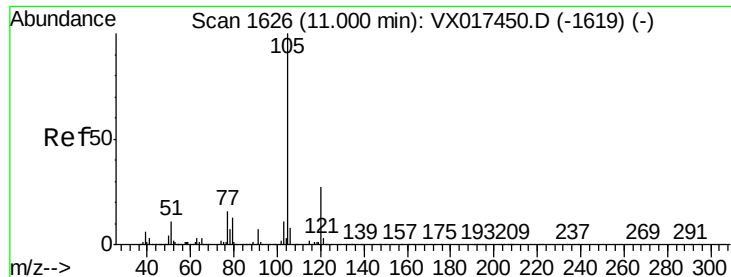
78 40.3 32.6 60.6



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 0.159 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

MDL01

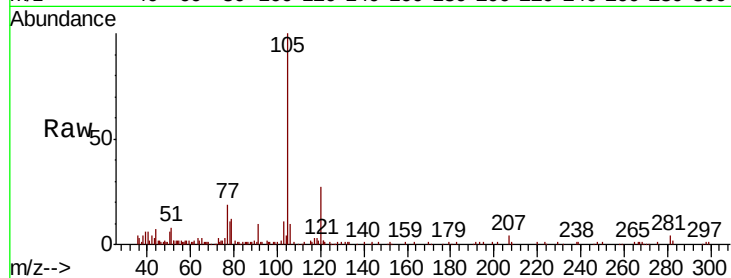
Tot Ion:105 Resp: 20002

Ion Ratio Lower Upper

105 100

120 27.7 21.4 32.2

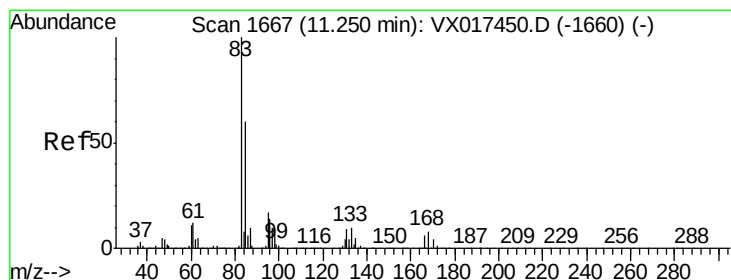
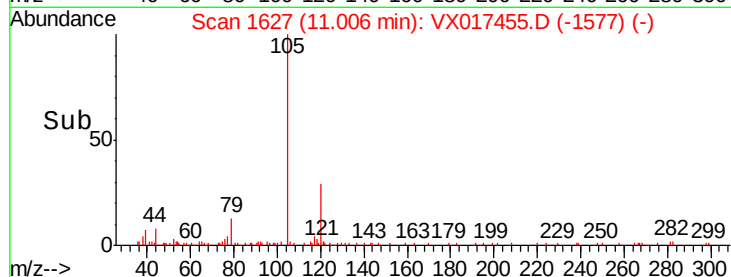
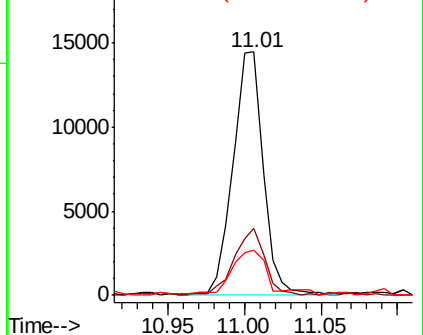
77 19.3 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.203 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

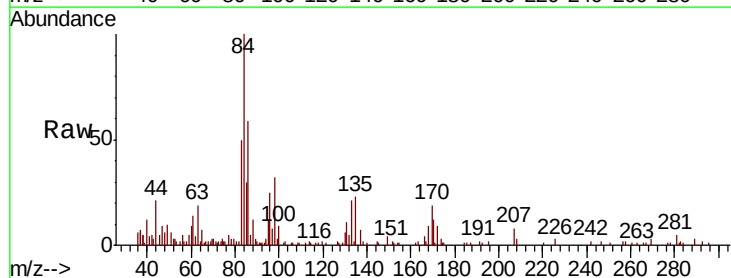
Tgt Ion: 83 Resp: 4807

Ion Ratio Lower Upper

83 100

85 61.3 42.1 78.1

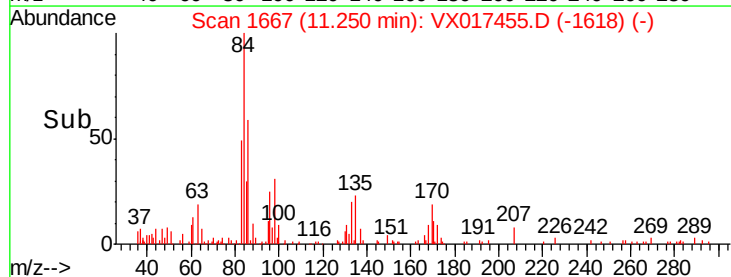
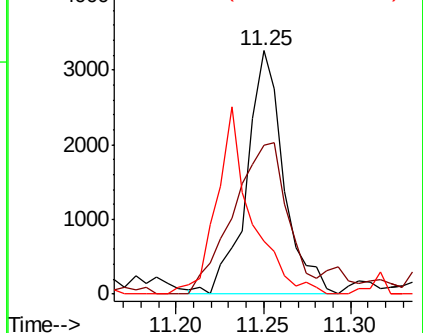
131 21.6 7.7 11.5#

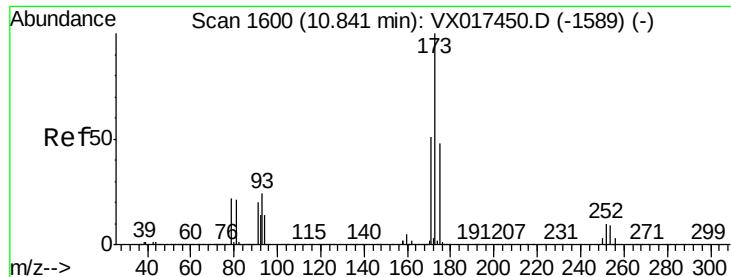


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 0.212 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

MDL01

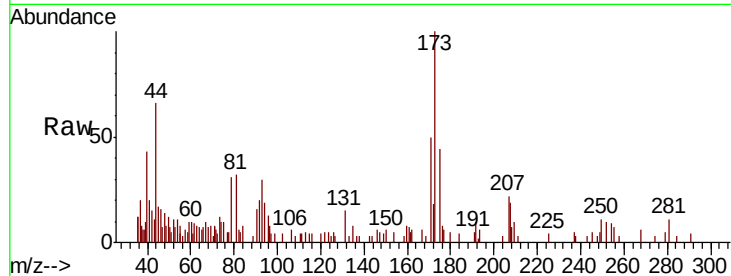
Tot Ion:173 Resp: 3056

Ion Ratio Lower Upper

173 100

175 50.9 38.4 57.6

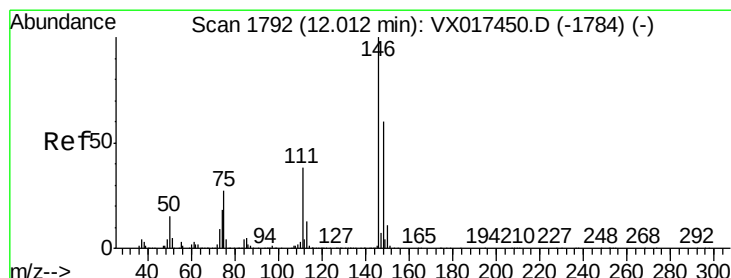
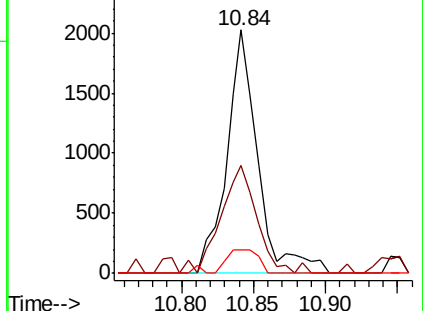
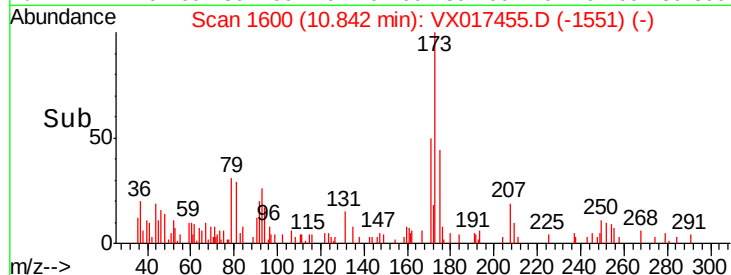
254 9.9 7.4 11.2



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: 0.214 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

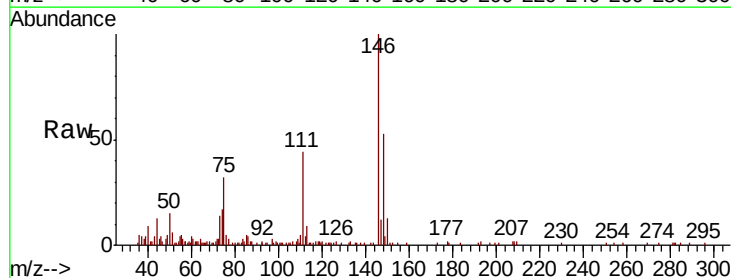
Tgt Ion:146 Resp: 12407

Ion Ratio Lower Upper

146 100

111 44.2 26.8 49.8

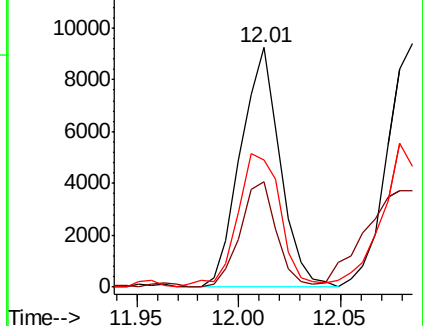
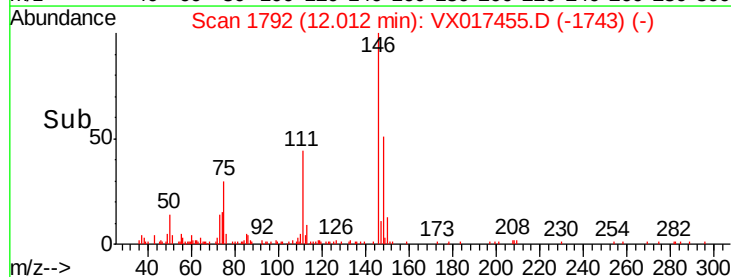
148 53.1 42.1 78.3

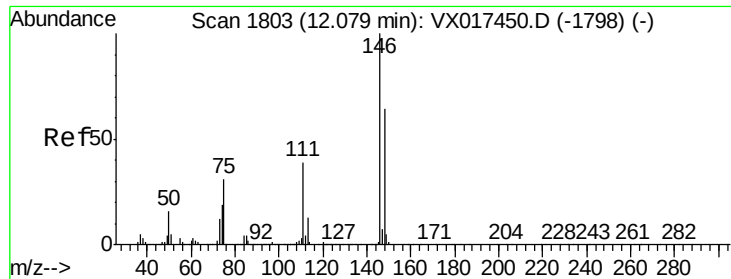


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

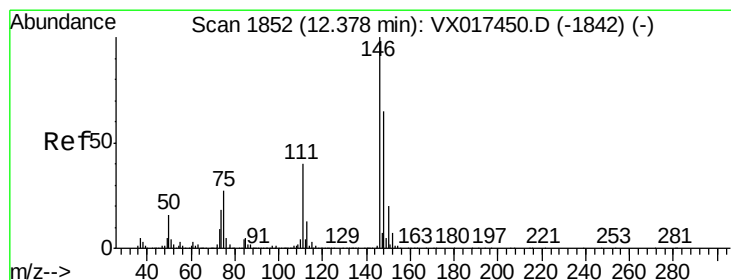
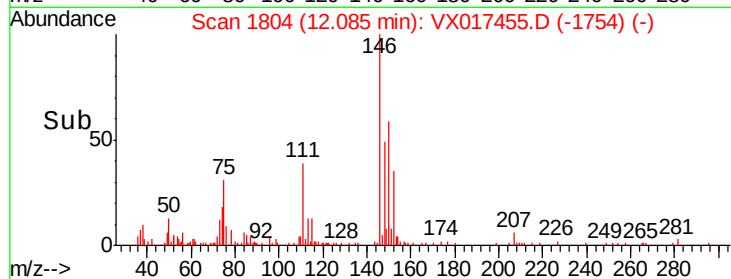
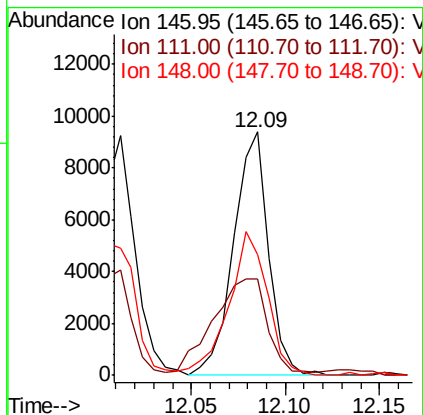
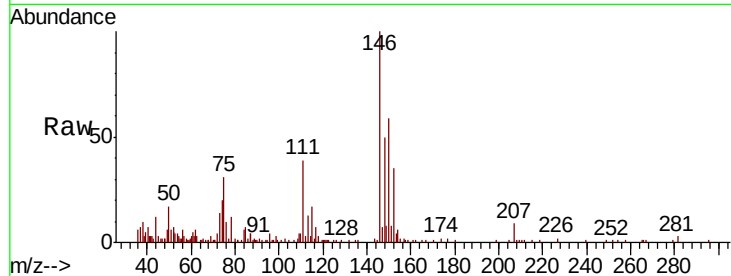




#64
 1,4-Dichlorobenzene
 Concen: 0.212 ug/L
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

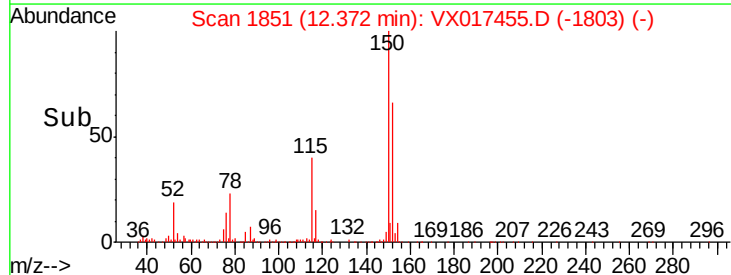
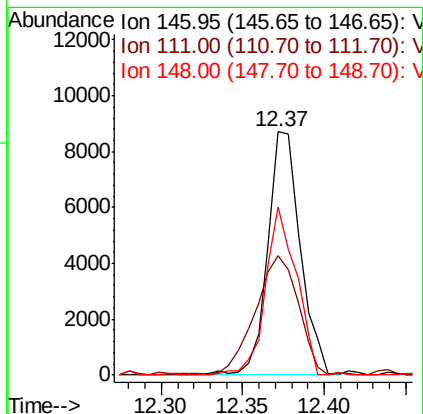
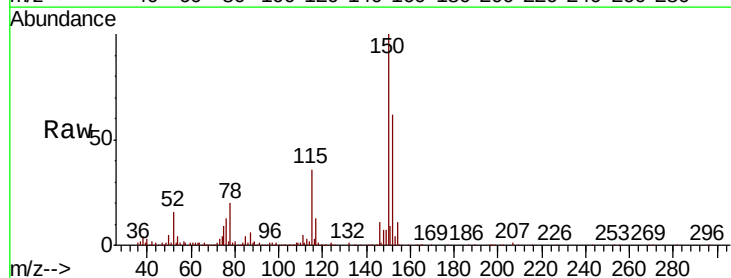
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

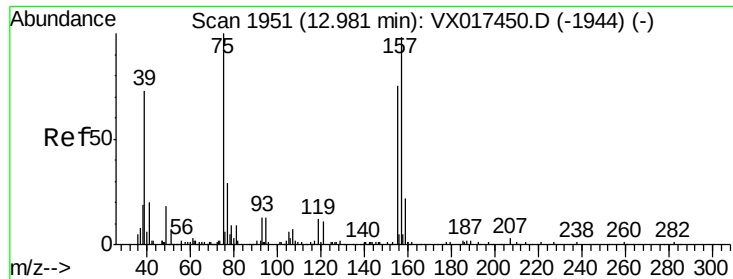
Tot Ion:146 Resp: 12058
 Ion Ratio Lower Upper
 146 100
 111 39.4 27.7 51.5
 148 49.5 44.9 83.5



#66
 1,2-Dichlorobenzene
 Concen: 0.224 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

Tgt Ion:146 Resp: 12041
 Ion Ratio Lower Upper
 146 100
 111 49.3 31.8 47.6#
 148 68.8 51.8 77.8





#67

1,2-Dibromo-3-chloropropane

Concen: 0.369 ug/L

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

MDL01

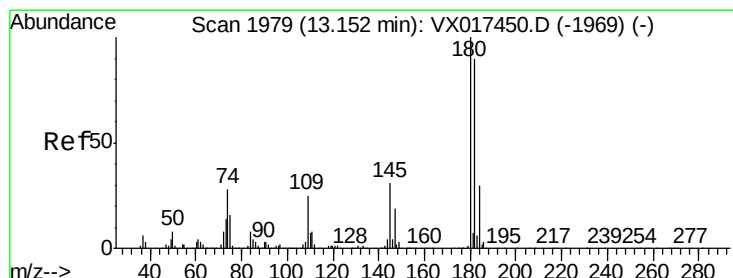
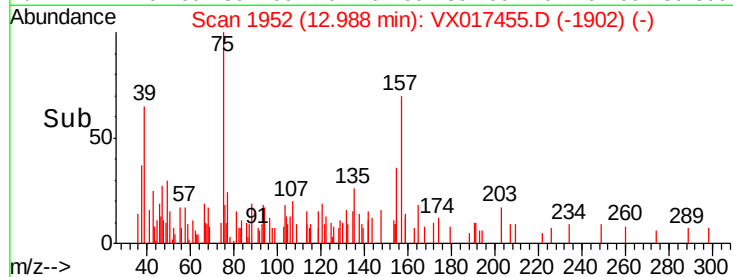
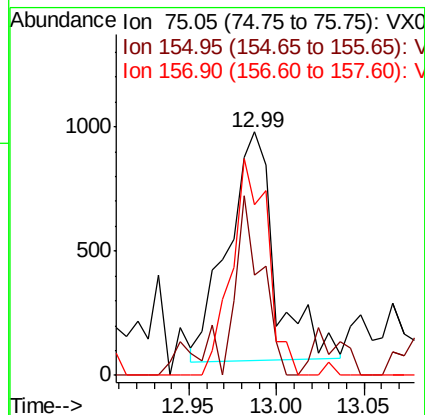
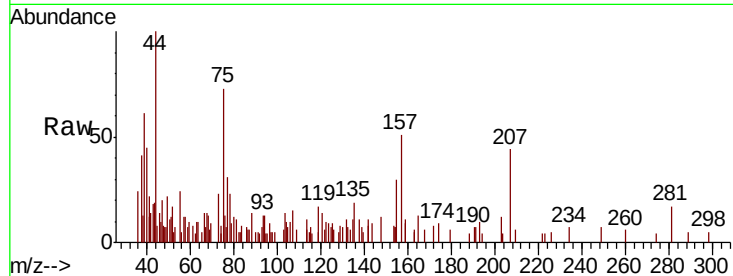
Tot Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

155 41.2 59.6 89.4#

157 70.2 78.7 118.1#



#68

1,3,5-Trichlorobenzene

Concen: 0.214 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX017455.D

Acq: 21 Jul 2020 15:10

Tgt Ion: 180 Resp: 10429

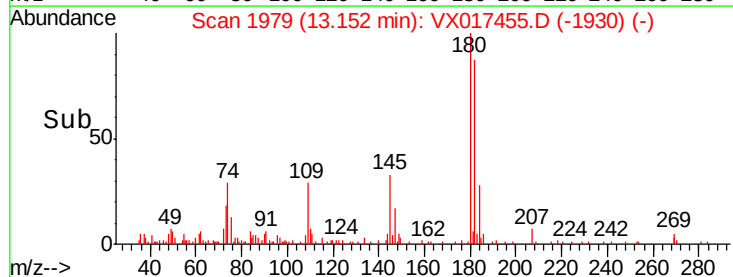
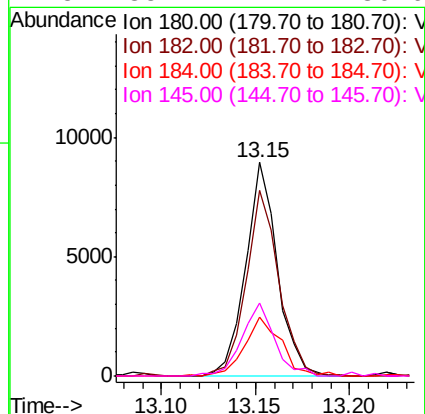
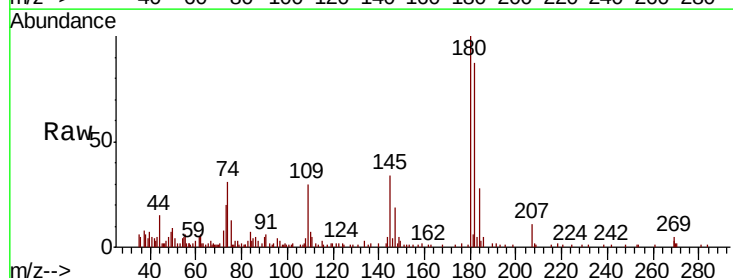
Ion Ratio Lower Upper

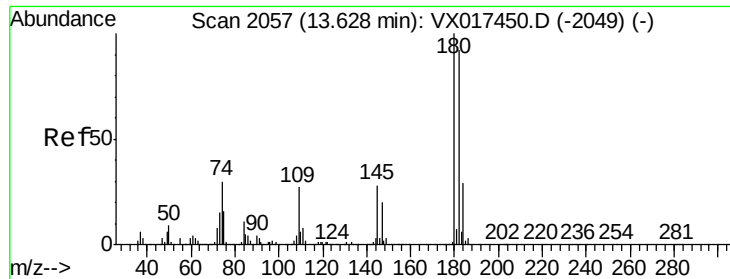
180 100

182 90.1 73.8 110.8

184 32.1 24.2 36.2

145 35.4 24.4 36.6

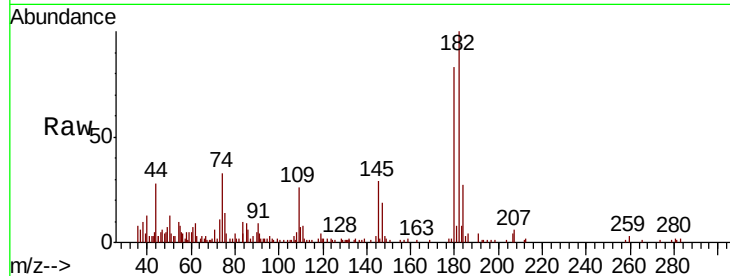




#69
 1,2,4-trichlorobenzene
 Concen: 0.198 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.8	75.3	112.9
145	31.3	24.3	36.5

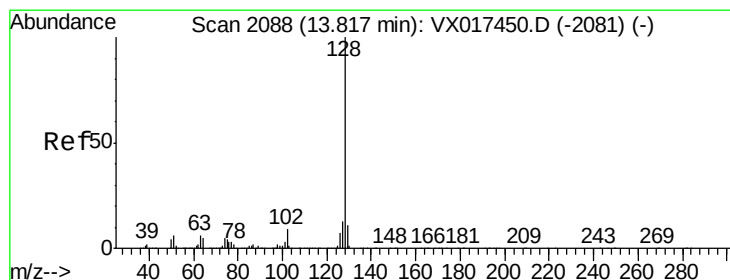
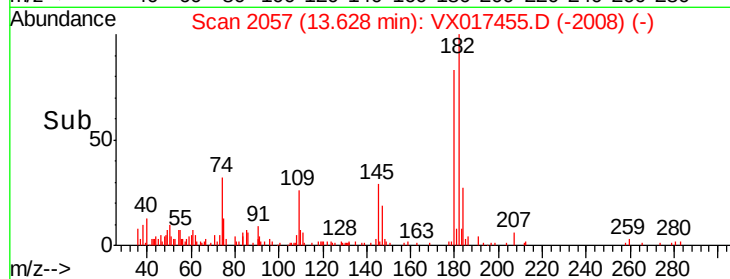
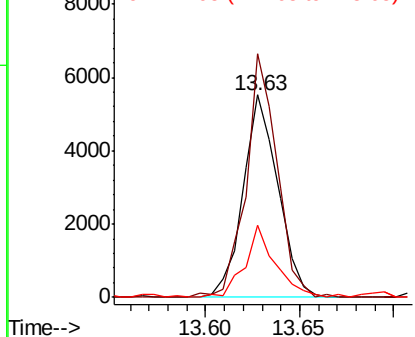


Abundance

Ion 179.90 (179.60 to 180.60): V

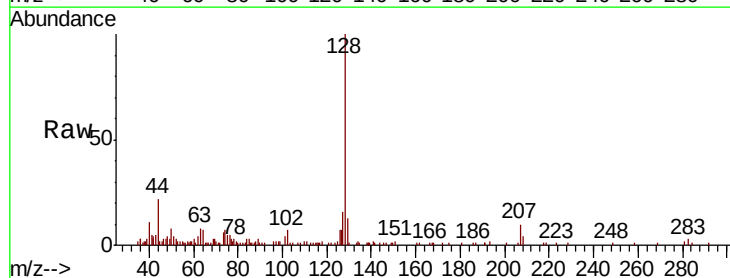
Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#70
 Naphthalene
 Concen: 0.175 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.7	13.1
127	19.0	10.2	15.4

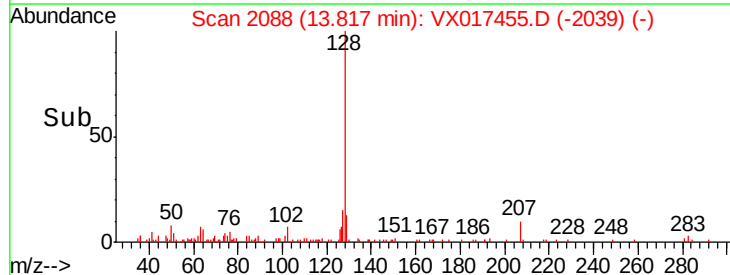
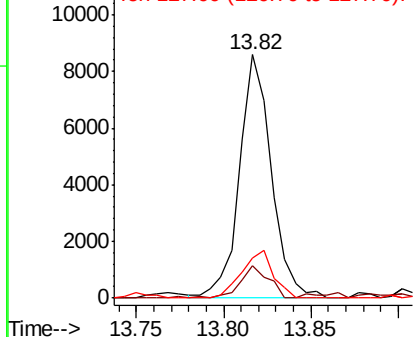


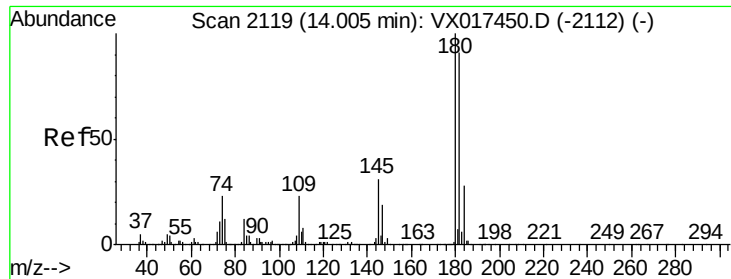
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

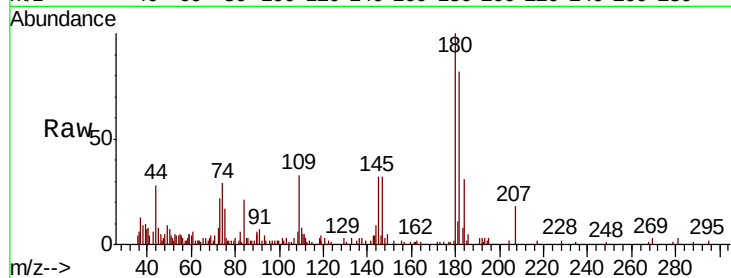




#71
 1,2,3-Trichlorobenzene
 Concen: 0.195 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX017455.D
 Acq: 21 Jul 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.3	112.9
145	42.0	26.9	40.3#



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

