

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017456.D
 Acq On : 21 Jul 2020 15:34
 Operator : JC/SP
 Sample : MDL02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Quant Time: Jul 22 06:20:57 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	371932	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	359312	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	169396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125328	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.69	69	89585	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.34	63	185401	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.53	46	261956	48.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	5.14	84	227524	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	6.03	65	124769	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	6.05	84	434215	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	7.37	67	131982	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	8.70	98	394715	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	8.99	79	55672	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
48) 2-Hexanone-d5	9.43	63	194910	48.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.66%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	92546	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	146819	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	10570	0.258 ug/L	93
3) Chloromethane	1.31	50	10697	0.281 ug/L	96
6) Bromomethane	1.64	94	5147	0.261 ug/L	79
8) Chloroethane	1.71	64	4916	0.247 ug/L	94
9) Trichlorofluoromethane	1.92	101	12939	0.248 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	8511	0.301 ug/L #	80
12) 1,1-Dichloroethene	2.36	96	6710	0.255 ug/L #	1
13) Acetone	2.42	43	11234	2.576 ug/L	90
14) Carbon disulfide	2.55	76	20756	0.232 ug/L	96
15) Methyl Acetate	2.74	43	3595	0.283 ug/L #	58
16) Methylene chloride	2.83	84	14629	0.405 ug/L	85
17) Methyl tert-butyl Ether	3.17	73	13697	0.219 ug/L	96
18) trans-1,2-Dichloroethene	3.14	96	7224	0.258 ug/L	83
19) 1,1-Dichloroethane	3.67	63	10275	0.208 ug/L #	93
21) 2-Butanone	4.64	43	17271	2.486 ug/L	86
22) cis-1,2-Dichloroethene	4.57	96	7670	0.277 ug/L #	86
23) Bromochloromethane	4.98	128	4021	0.301 ug/L #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017456.D
 Acq On : 21 Jul 2020 15:34
 Operator : JC/SP
 Sample : MDL02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Quant Time: Jul 22 06:20:57 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

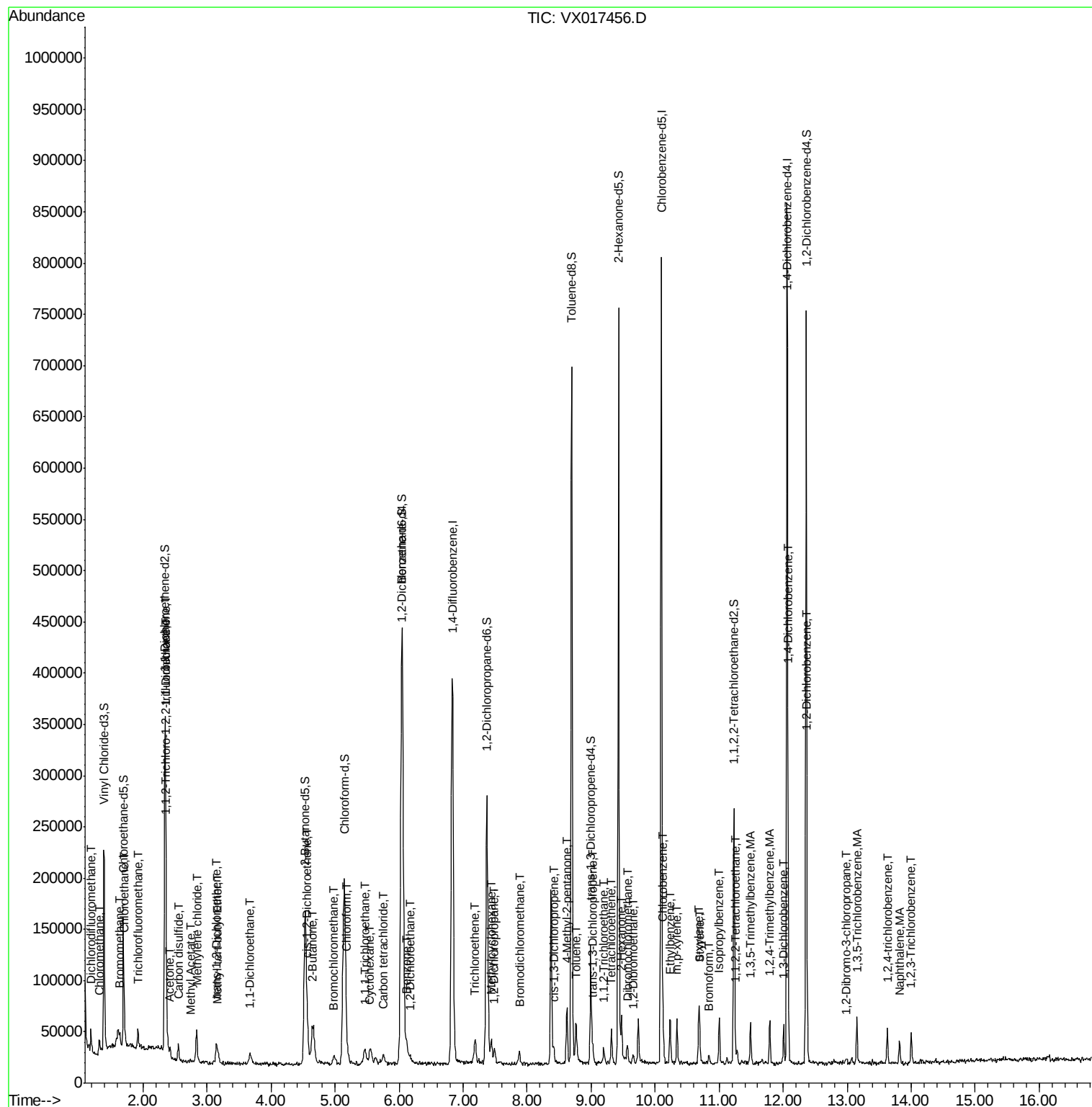
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.18	83	15894	0.307	ug/L	87
27) 1,2-Dichloroethane	6.17	62	7595	0.228	ug/L	96
29) 1,1,1-Trichloroethane	5.47	97	10957	0.227	ug/L	96
30) Cyclohexane	5.54	56	10161	0.260	ug/L #	25
31) Carbon tetrachloride	5.76	117	10225	0.235	ug/L	92
33) Benzene	6.12	78	25497	0.241	ug/L	100
34) Trichloroethene	7.18	95	7463	0.261	ug/L	88
35) Methylcyclohexane	7.44	83	9533	0.247	ug/L	94
37) 1,2-Dichloropropane	7.49	63	7415	0.279	ug/L	98
38) Bromodichloromethane	7.88	83	8404	0.236	ug/L #	97
39) cis-1,3-Dichloropropene	8.42	75	9380	0.244	ug/L	88
40) 4-Methyl-2-pentanone	8.62	43	32596	2.095	ug/L #	95
42) Toluene	8.76	91	24605	0.232	ug/L	89
43) 1,3,5-Trimethylbenzene	11.49	105	18204	0.184	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	16861	0.172	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	10445	0.316	ug/L	99
47) 1,1,2-Trichloroethane	9.20	97	4377	0.240	ug/L	92
49) Tetrachloroethene	9.32	164	6337	0.273	ug/L	86
50) 2-Hexanone	9.47	43	26214	2.308	ug/L #	86
51) Dibromochloromethane	9.56	129	5710	0.228	ug/L	88
52) 1,2-Dibromoethane	9.65	107	4016	0.223	ug/L #	86
53) Chlorobenzene	10.12	112	17516	0.243	ug/L	97
54) Ethylbenzene	10.23	91	24397	0.212	ug/L	92
55) m,p-xylene	10.34	106	9088	0.198	ug/L	95
56) o-xylene	10.68	106	9104	0.204	ug/L	81
57) Styrene	10.70	104	14308	0.193	ug/L	92
58) Isopropylbenzene	11.00	105	23876	0.207	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.26	83	4981	0.230	ug/L #	91
62) Bromoform	10.84	173	2940	0.217	ug/L #	86
63) 1,3-Dichlorobenzene	12.01	146	12819	0.235	ug/L	92
64) 1,4-Dichlorobenzene	12.08	146	12768	0.238	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	12533	0.248	ug/L	88
67) 1,2-Dibromo-3-chloropropan	12.98	75	1455	0.327	ug/L #	73
68) 1,3,5-Trichlorobenzene	13.15	180	11360	0.247	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	8001	0.238	ug/L	96
70) Naphthalene	13.82	128	11034	0.187	ug/L #	90
71) 1,2,3-Trichlorobenzene	14.01	180	6723	0.217	ug/L	94

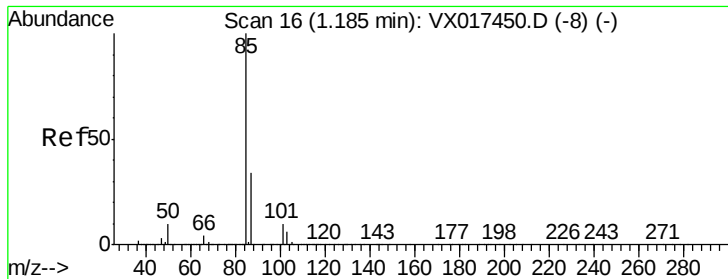
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
Data File : VX017456.D
Acq On : 21 Jul 2020 15:34
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Quant Time: Jul 22 06:20:57 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





#2

Dichlorodifluoromethane

Concen: 0.258 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

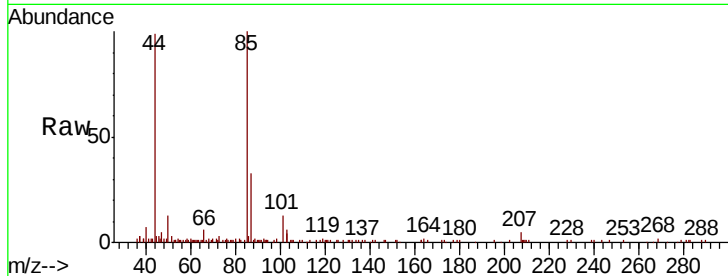
MDL02

Tot Ion: 85 Resp: 10570

Ion Ratio Lower Upper

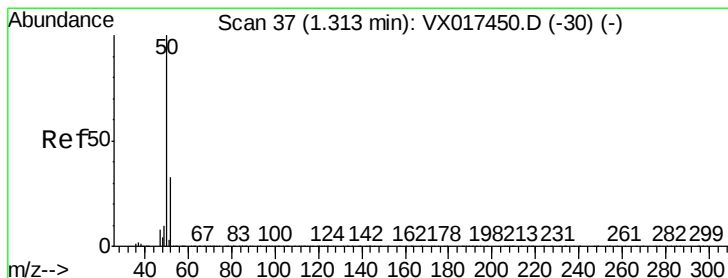
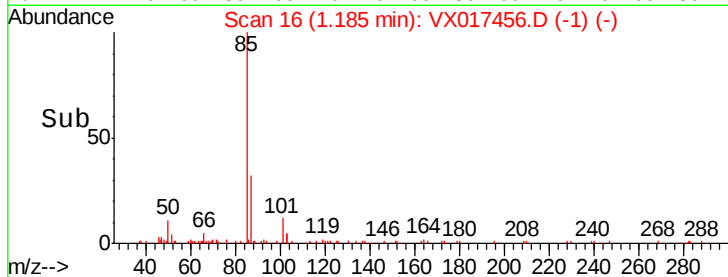
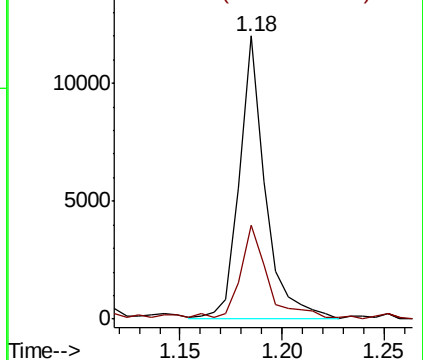
85 100

87 36.6 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 0.281 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017456.D

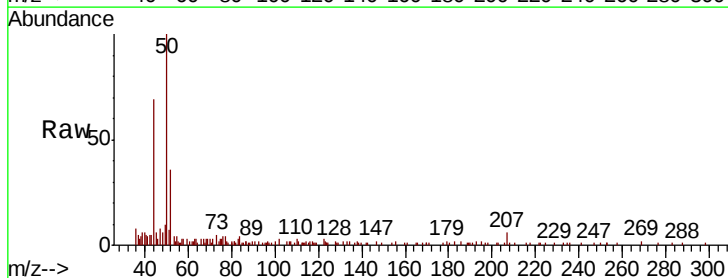
Acq: 21 Jul 2020 15:34

Tgt Ion: 50 Resp: 10697

Ion Ratio Lower Upper

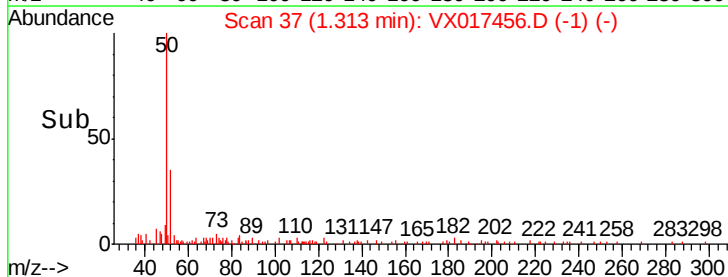
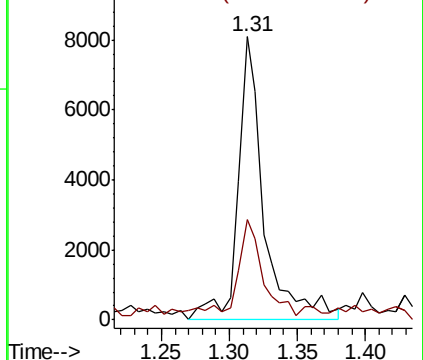
50 100

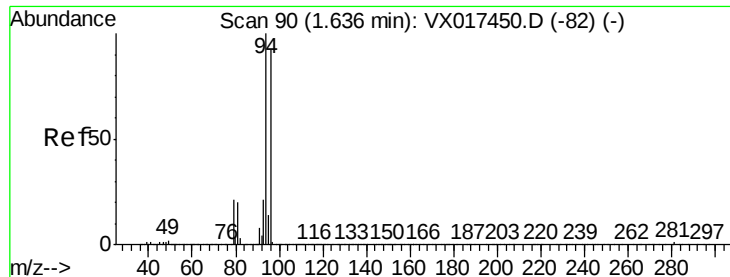
52 35.6 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#6

Bromomethane

Concen: 0.261 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

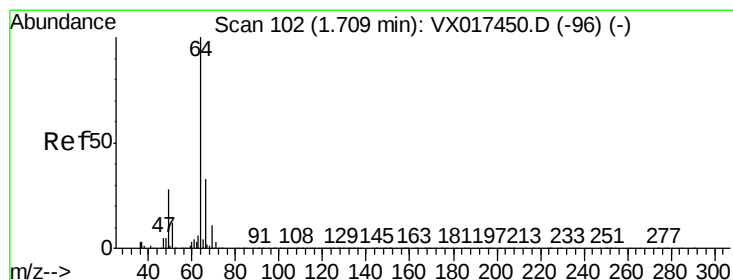
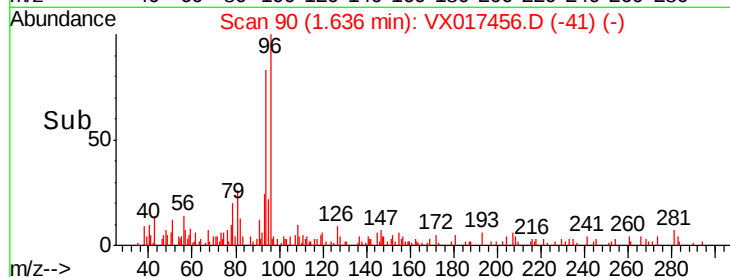
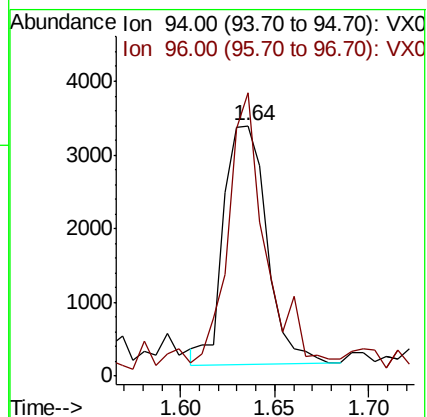
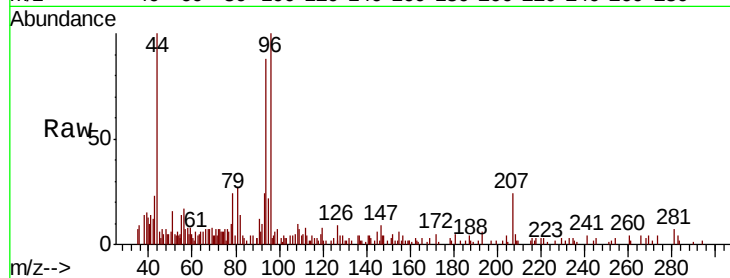
MDL02

Tot Ion: 94 Resp: 5147

Ion Ratio Lower Upper

94 100

96 112.9 64.8 120.4



#8

Chloroethane

Concen: 0.247 ug/L

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017456.D

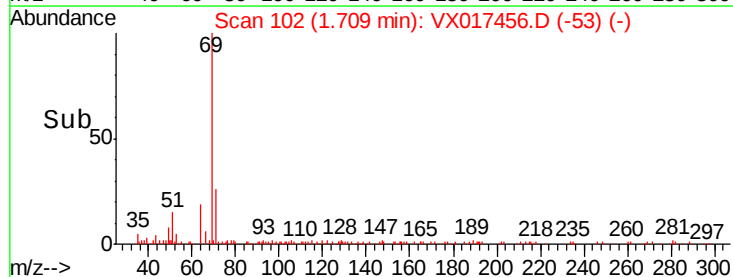
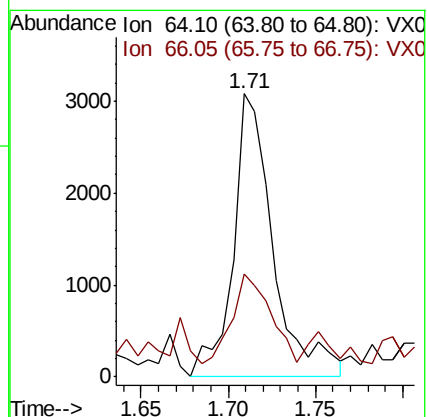
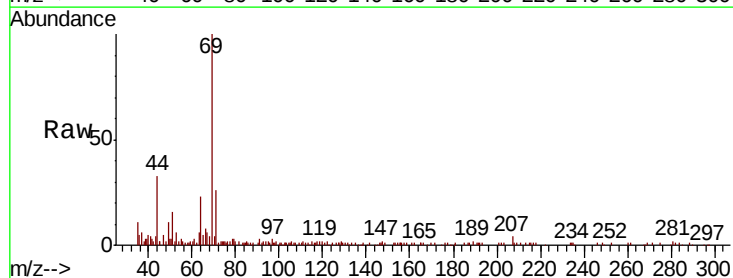
Acq: 21 Jul 2020 15:34

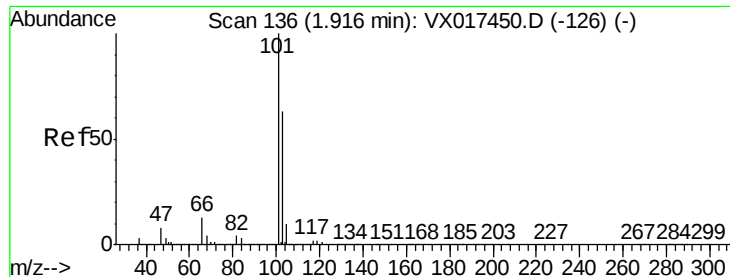
Tgt Ion: 64 Resp: 4916

Ion Ratio Lower Upper

64 100

66 36.4 23.1 42.9



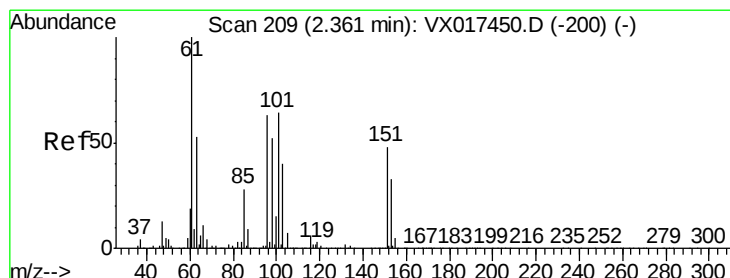
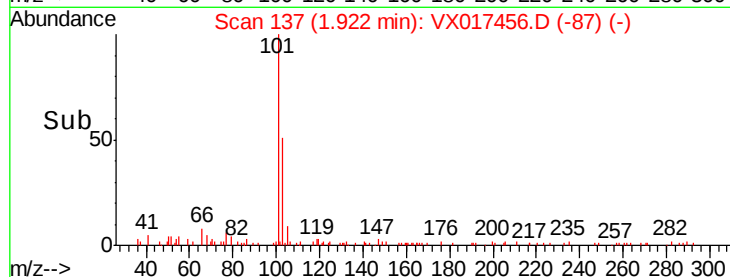
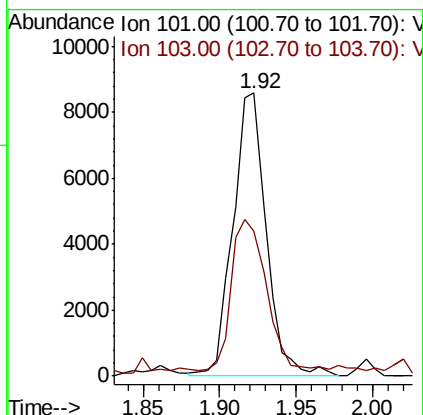
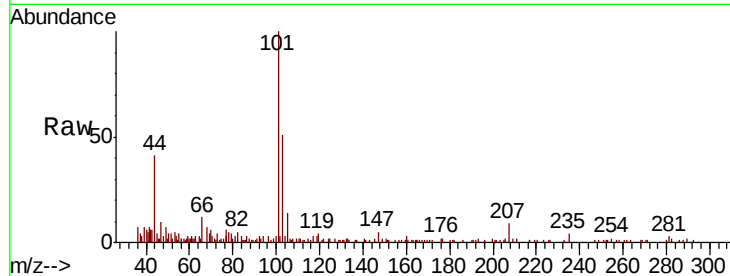


#9

Trichlorofluoromethane
Concen: 0.248 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
MDL02

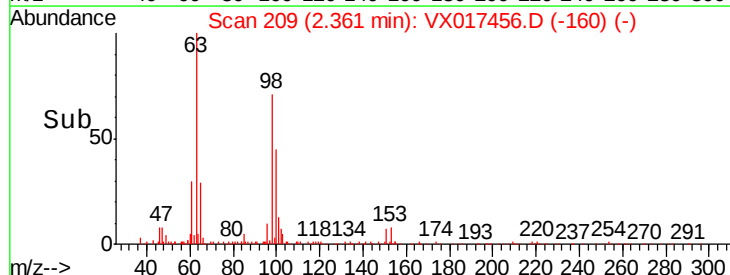
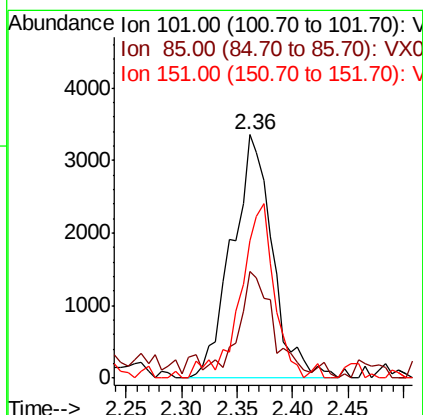
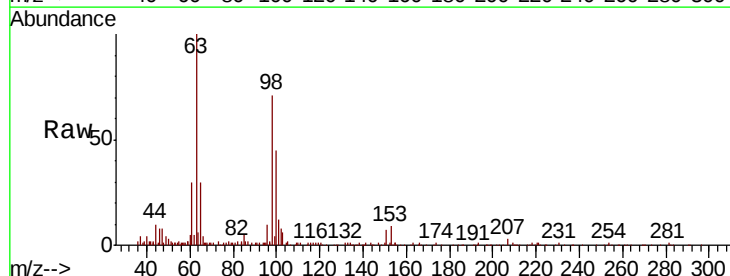
Tot Ion:101 Resp: 12939
Ion Ratio Lower Upper
101 100
103 55.6 51.4 77.2

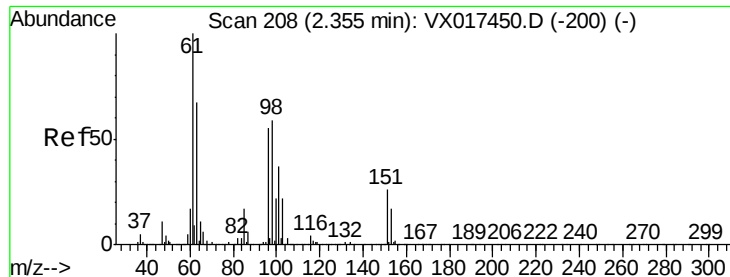


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.301 ug/L
RT: 2.36 min Scan# 209
Delta R.T. 0.00 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

Tgt Ion:101 Resp: 8511
Ion Ratio Lower Upper
101 100
85 32.3 35.3 52.9#
151 59.3 62.3 93.5#





#12

1,1-Dichloroethene

Concen: 0.255 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

MDL02

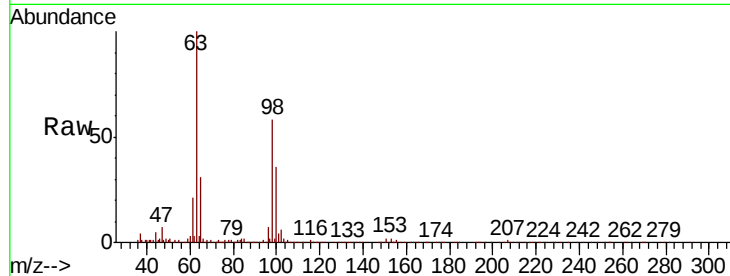
Tot Ion: 96 Resp: 6710

Ion Ratio Lower Upper

96 100

61 307.6 126.5 234.9#

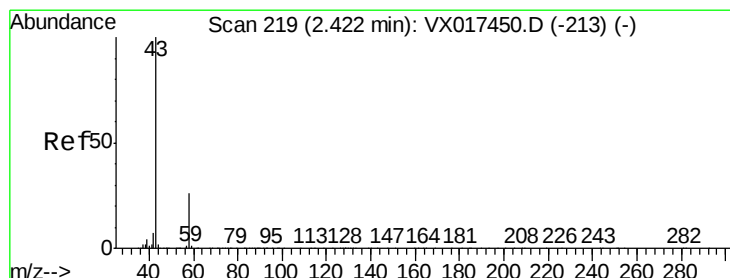
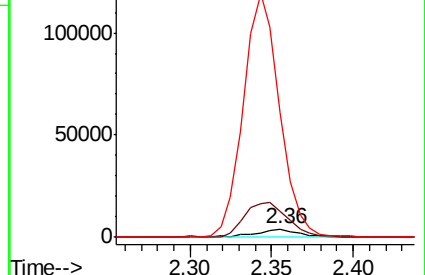
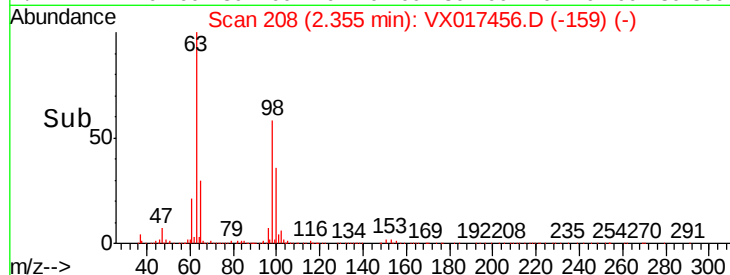
63 1446.4 85.6 159.0#



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: 2.576 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017456.D

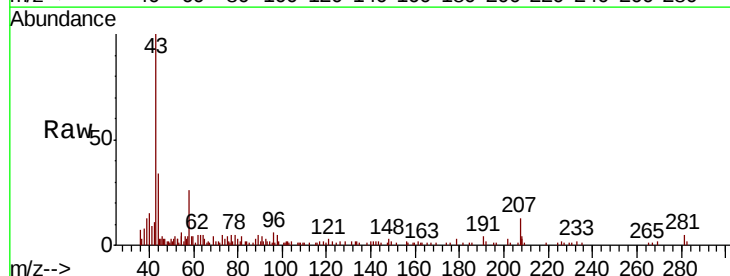
Acq: 21 Jul 2020 15:34

Tgt Ion: 43 Resp: 11234

Ion Ratio Lower Upper

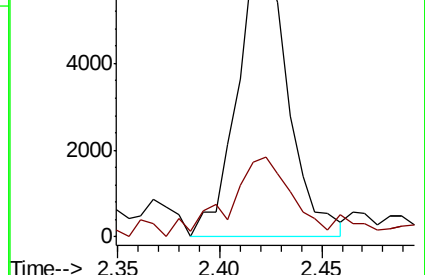
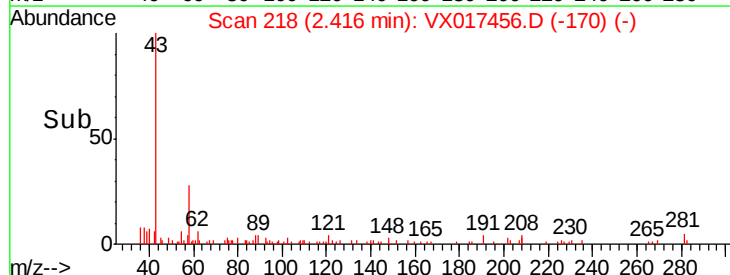
43 100

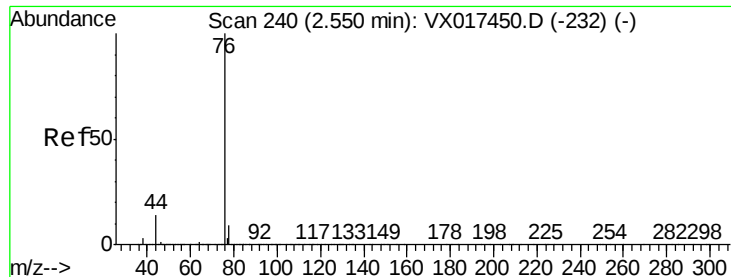
58 34.8 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 0.232 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

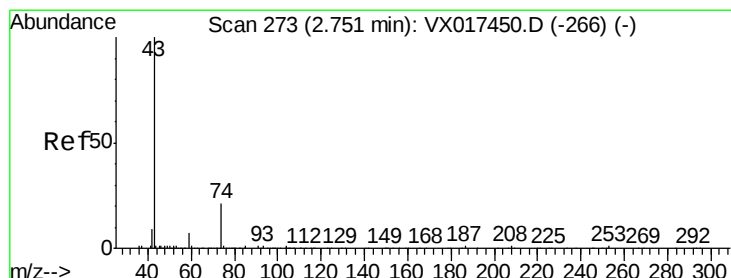
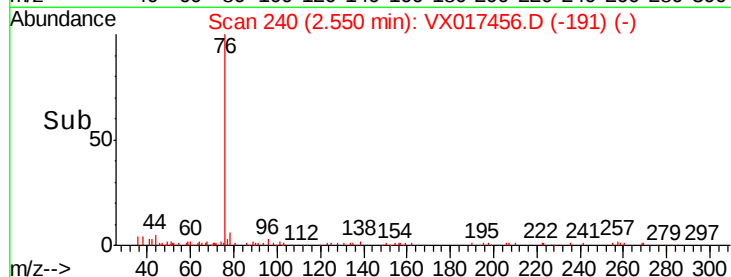
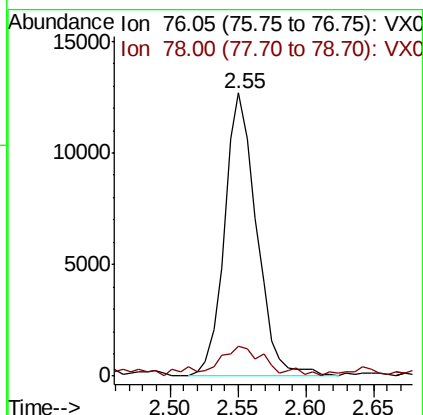
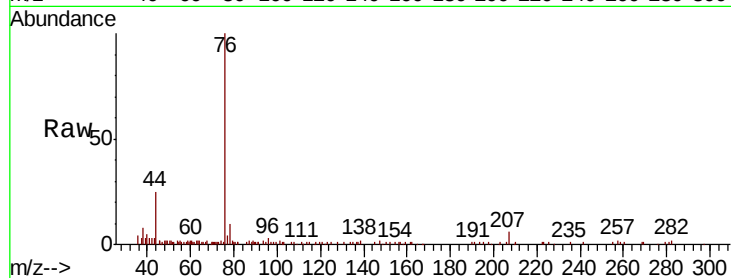
MDL02

Tot Ion: 76 Resp: 20756

Ion Ratio Lower Upper

76 100

78 10.4 7.3 10.9



#15

Methyl Acetate

Concen: 0.283 ug/L

RT: 2.74 min Scan# 271

Delta R.T. -0.01 min

Lab File: VX017456.D

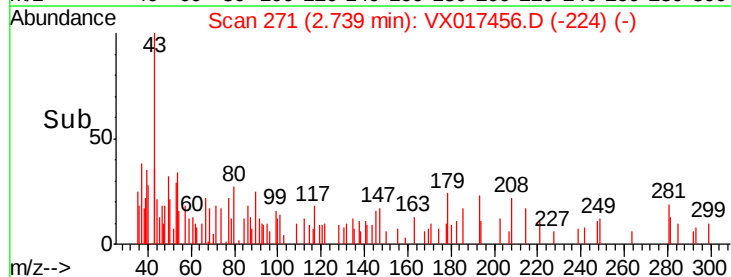
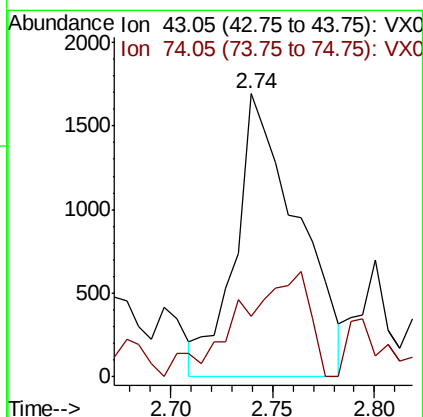
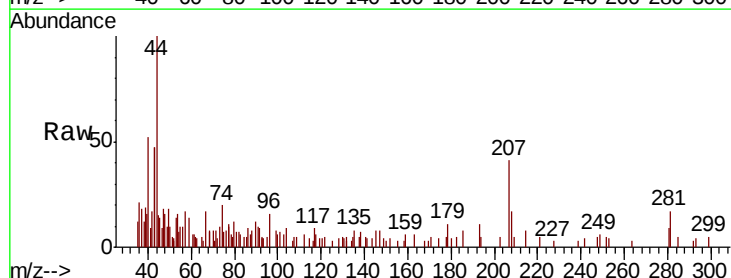
Acq: 21 Jul 2020 15:34

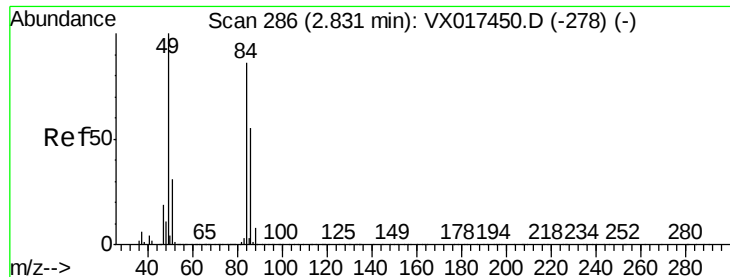
Tgt Ion: 43 Resp: 3595

Ion Ratio Lower Upper

43 100

74 41.8 17.6 26.4#

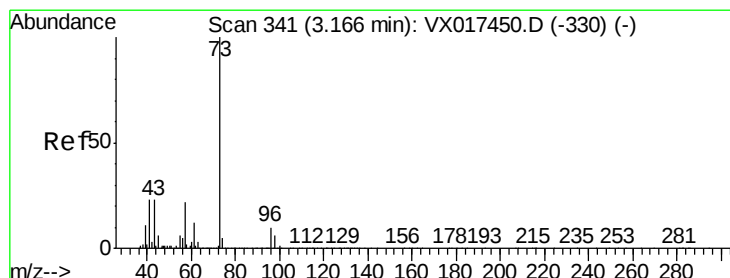
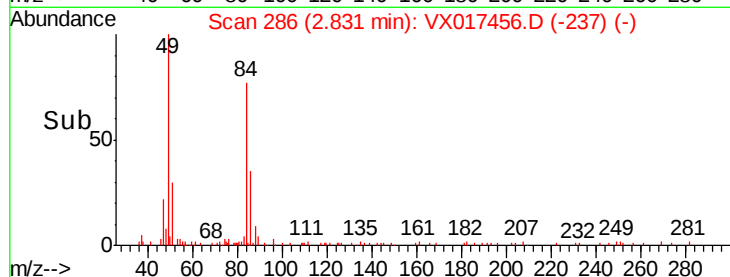
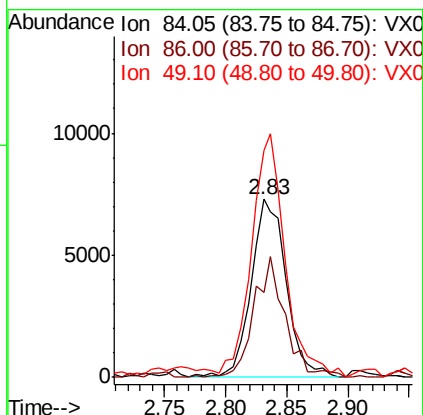
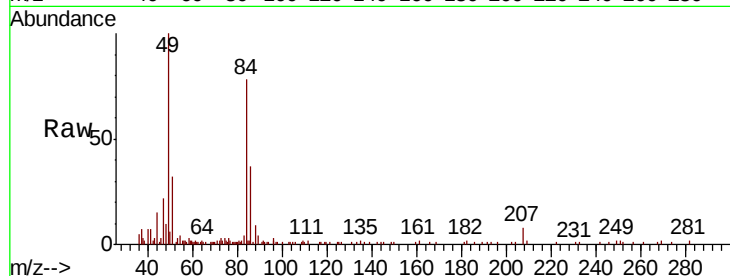




#16
Methvlene chloride
Concen: 0.405 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

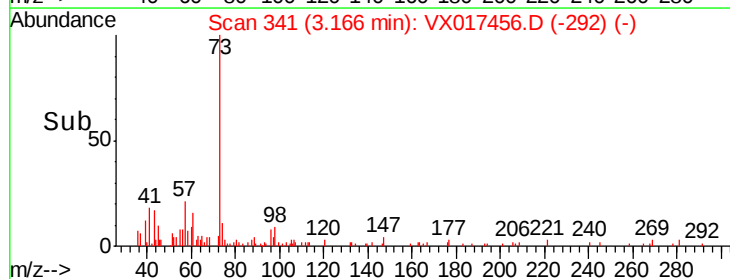
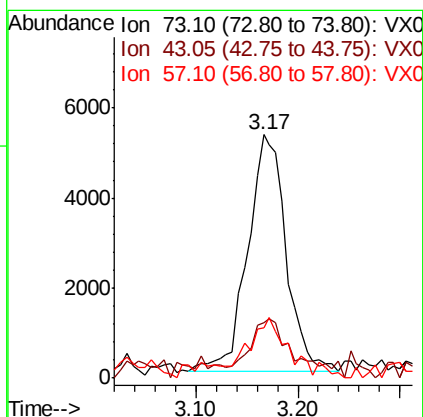
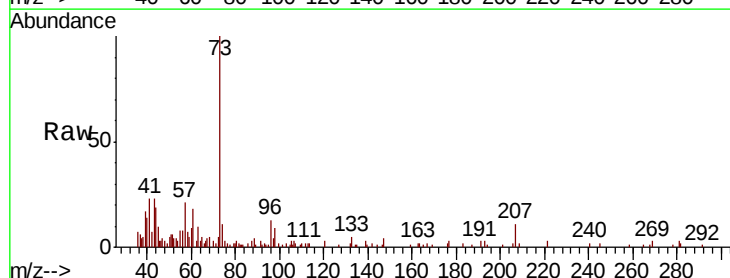
Instrument :
MSVOA_X
ClientSampled :
MDL02

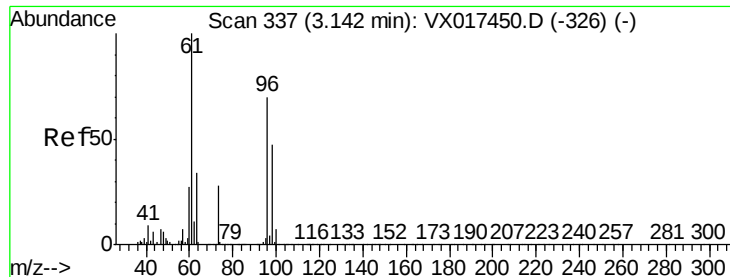
Tot Ion: 84 Resp: 14629
Ion Ratio Lower Upper
84 100
86 47.5 44.8 83.2
49 127.5 81.0 150.4



#17
Methyl tert-butyl Ether
Concen: 0.219 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

Tgt Ion: 73 Resp: 13697
Ion Ratio Lower Upper
73 100
43 24.8 17.8 26.6
57 23.7 17.8 26.8





#18

trans-1,2-Dichloroethene

Concen: 0.258 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

MDL02

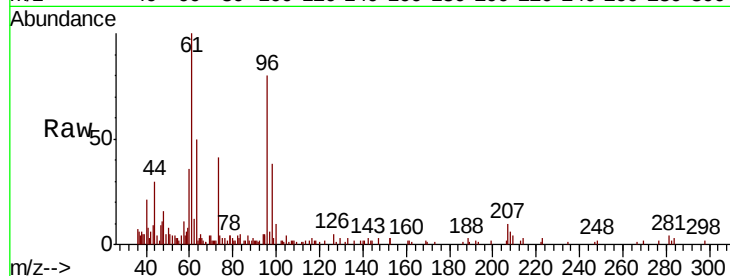
Tot Ion: 96 Resp: 7224

Ion Ratio Lower Upper

96 100

61 125.6 99.8 185.4

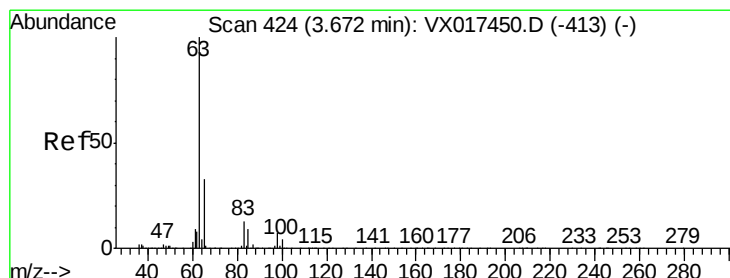
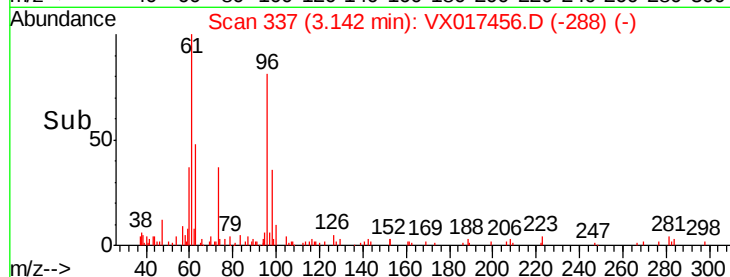
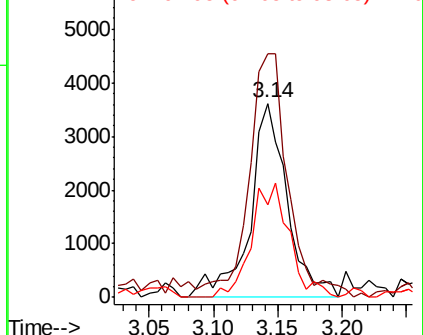
98 47.6 46.4 86.2



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



#19

1,1-Dichloroethane

Concen: 0.208 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

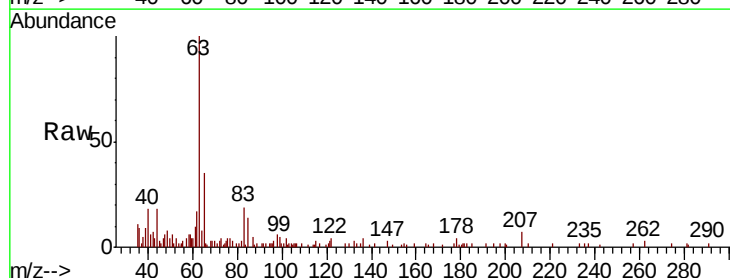
Tgt Ion: 63 Resp: 10275

Ion Ratio Lower Upper

63 100

65 35.3 23.2 43.2

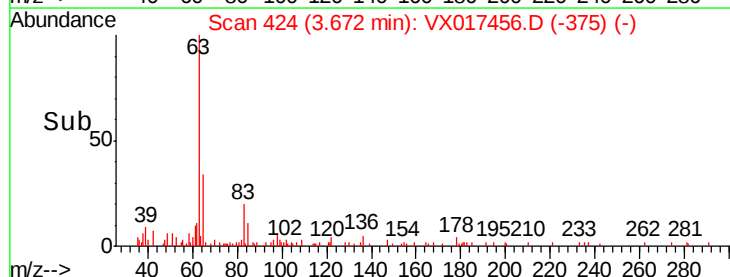
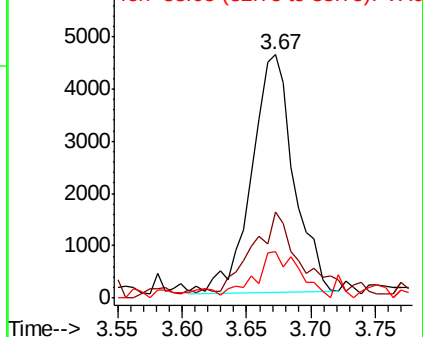
83 19.2 9.4 17.4#

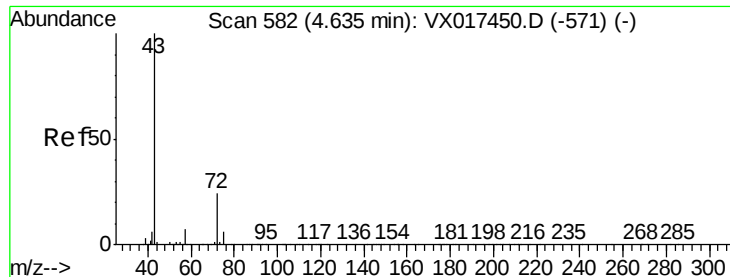


Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0





#21

2-Butanone

Concen: 2.486 ug/L

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

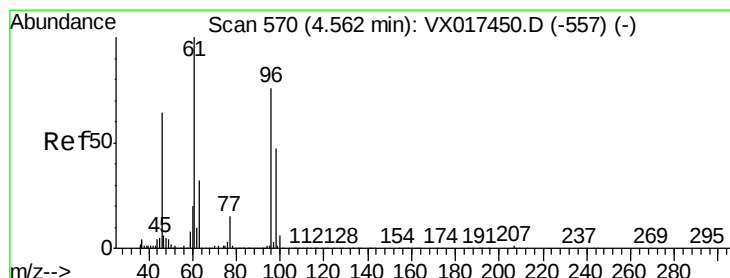
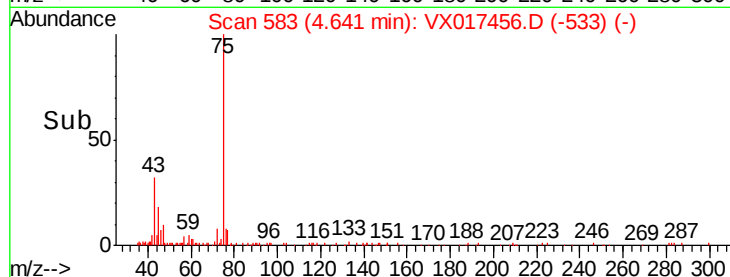
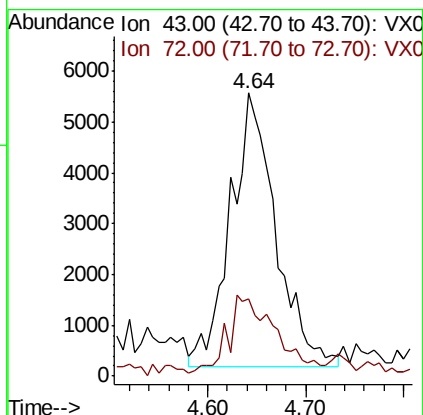
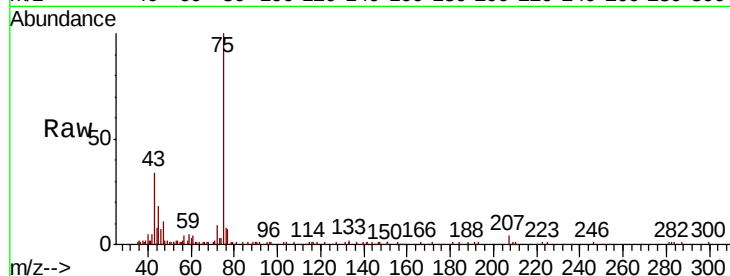
MDL02

Tot Ion: 43 Resp: 17271

Ion Ratio Lower Upper

43 100

72 31.1 12.1 36.3



#22

cis-1,2-Dichloroethene

Concen: 0.277 ug/L

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

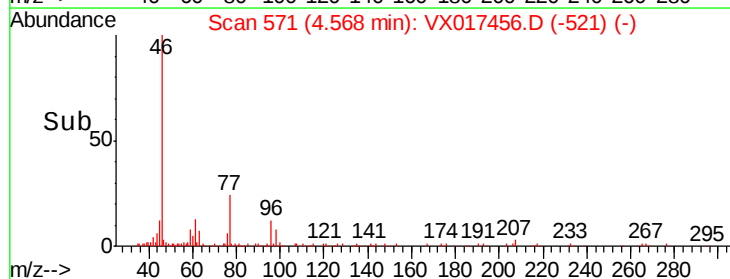
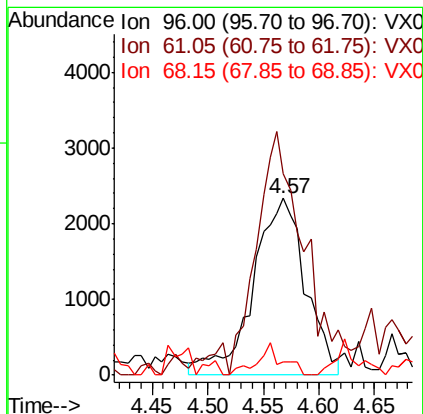
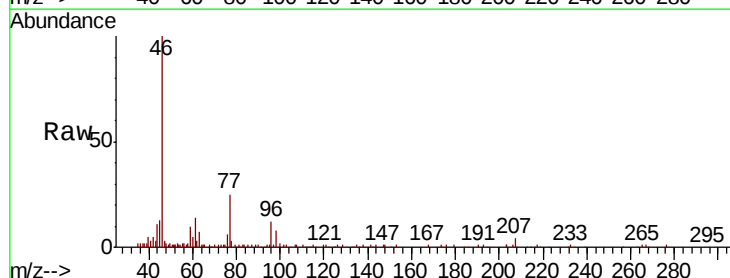
Tgt Ion: 96 Resp: 7670

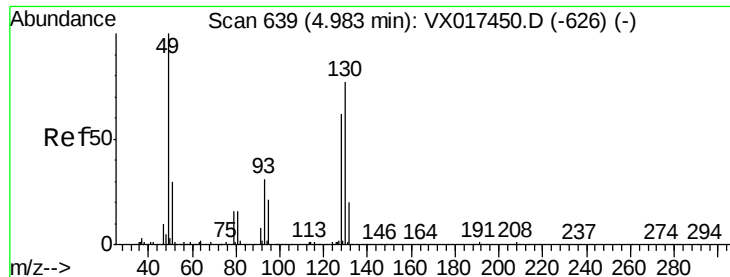
Ion Ratio Lower Upper

96 100

61 114.2 91.6 170.2

68 7.2 0.0 0.0#





#23

Bromochloromethane

Concen: 0.301 ug/L

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion:128 Resp: 4021

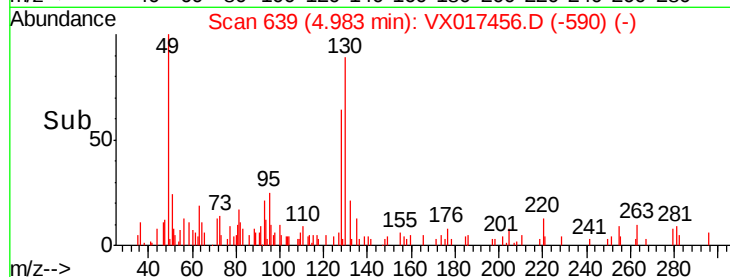
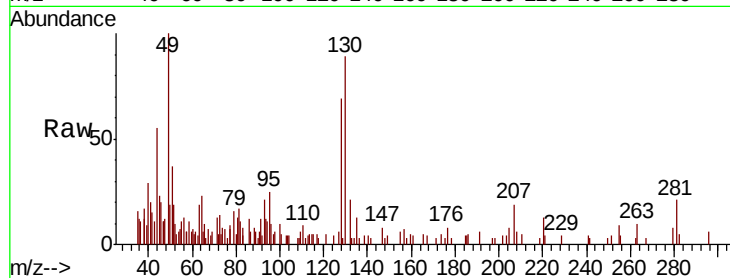
Ion Ratio Lower Upper

128 100

49 145.6 113.3 210.3

130 130.1 87.3 162.1

51 81.1 39.0 58.6#

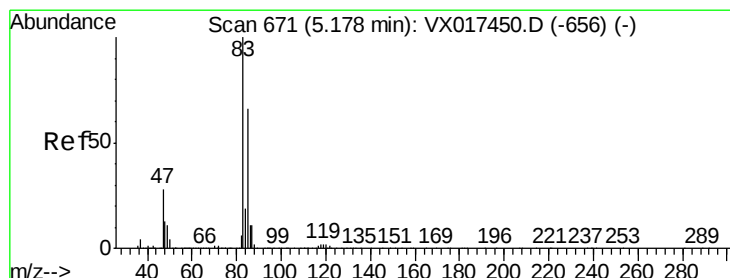
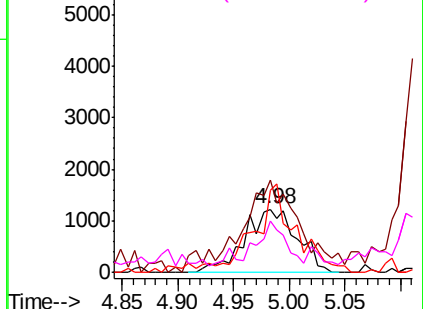


Abundance Ion 127.90 (127.60 to 128.60): V

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: 0.307 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017456.D

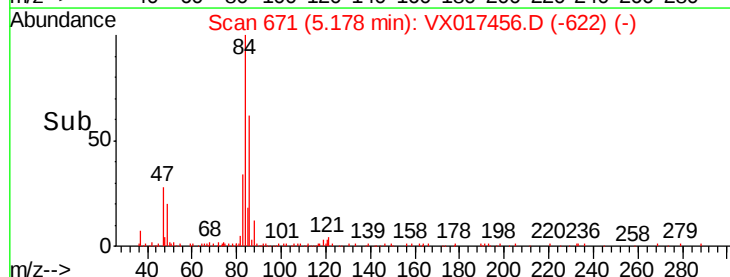
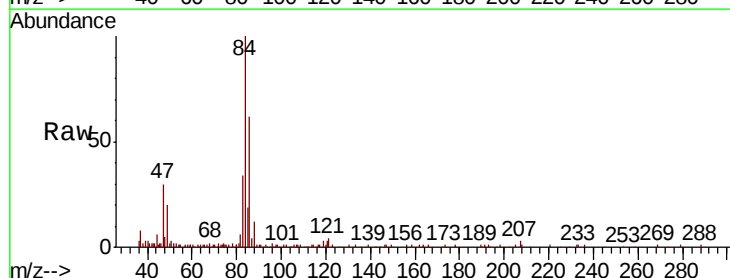
Acq: 21 Jul 2020 15:34

Tgt Ion: 83 Resp: 15894

Ion Ratio Lower Upper

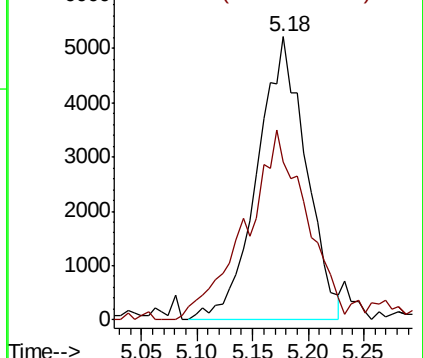
83 100

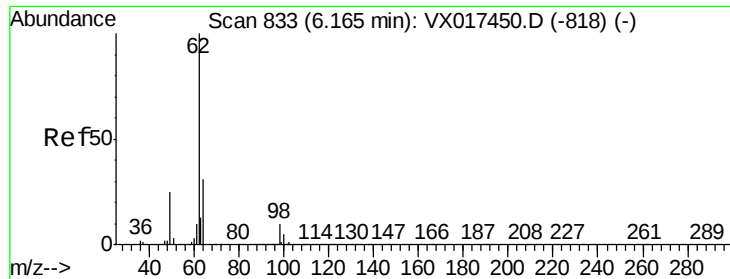
85 55.7 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

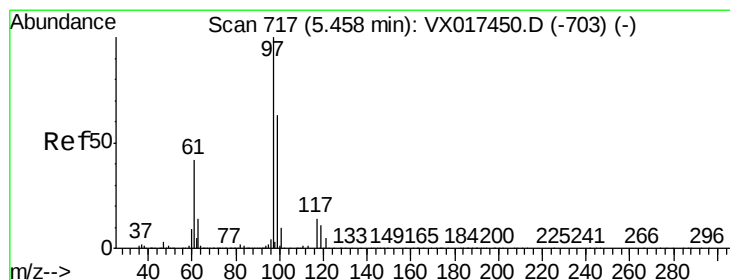
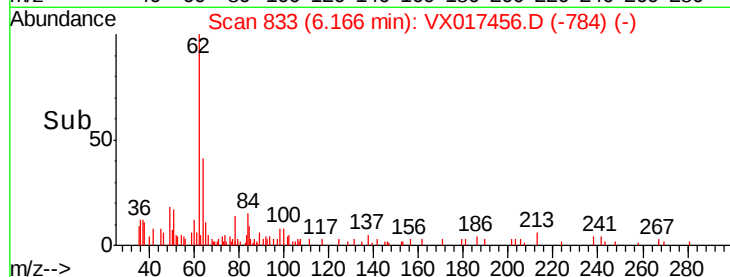
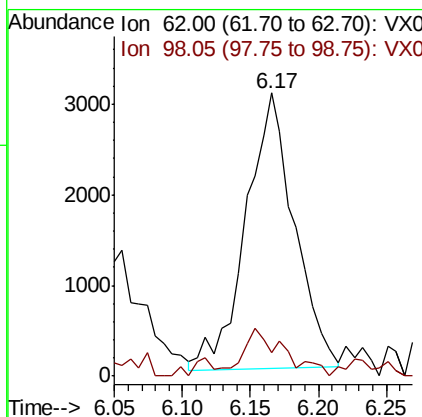
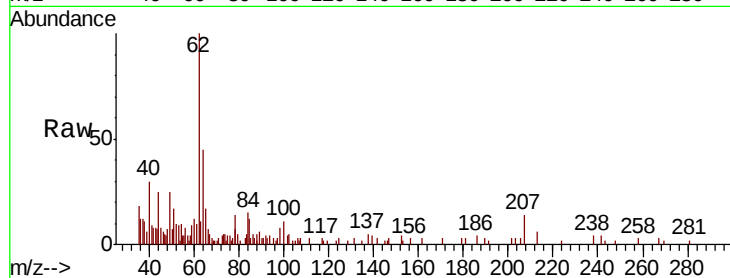




#27
 1,2-Dichloroethane
 Concen: 0.228 ug/L
 RT: 6.17 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

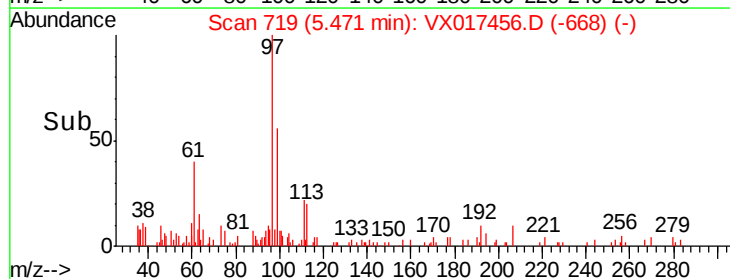
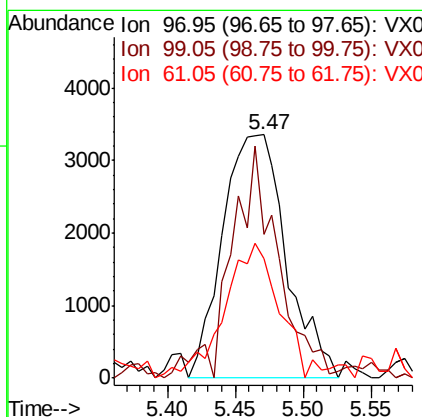
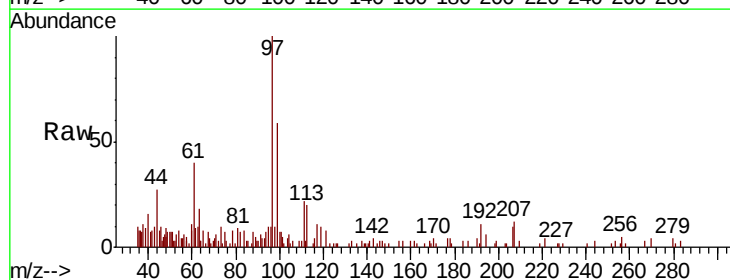
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

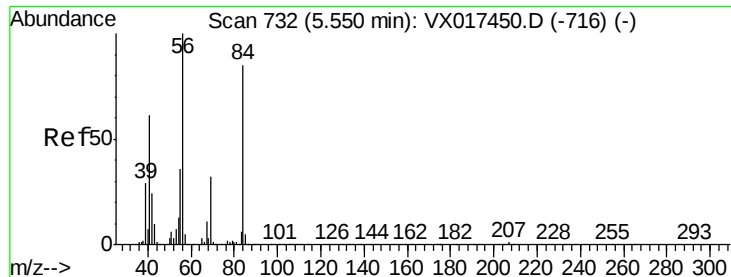
Tot Ion: 62 Resp: 7595
 Ion Ratio Lower Upper
 62 100
 98 8.2 7.7 11.5



#29
 1,1,1-Trichloroethane
 Concen: 0.227 ug/L
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

Tgt Ion: 97 Resp: 10957
 Ion Ratio Lower Upper
 97 100
 99 70.4 53.0 79.4
 61 45.5 35.2 52.8

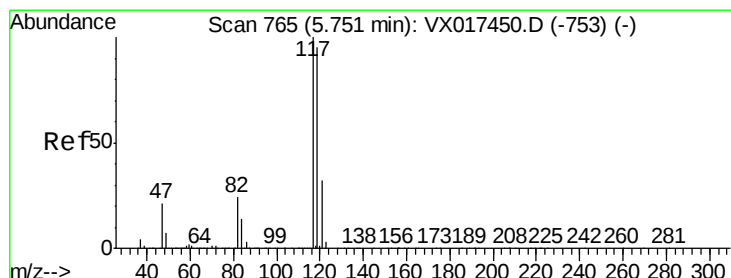
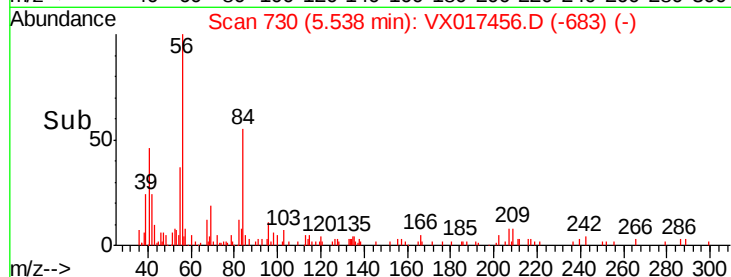
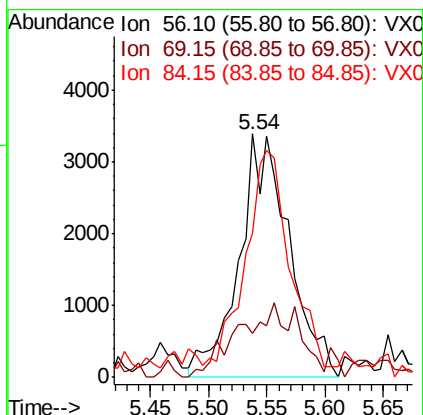
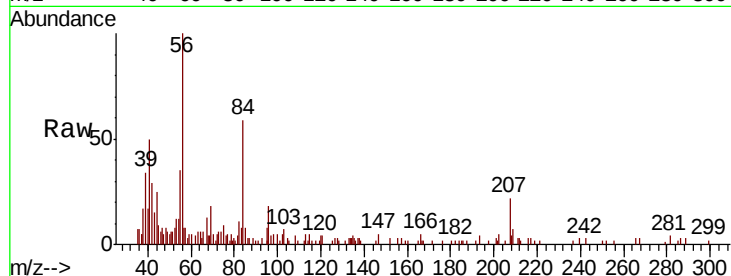




#30
Cyclohexane
Concen: 0.260 ug/L
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

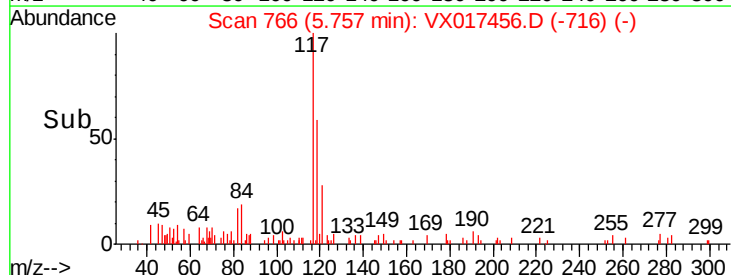
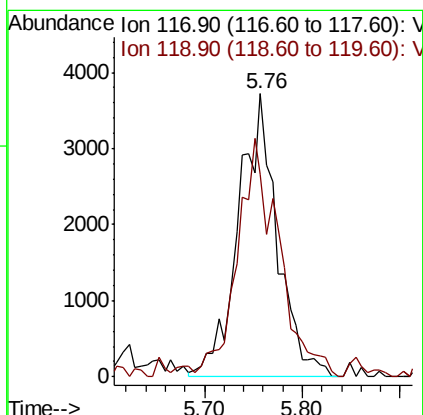
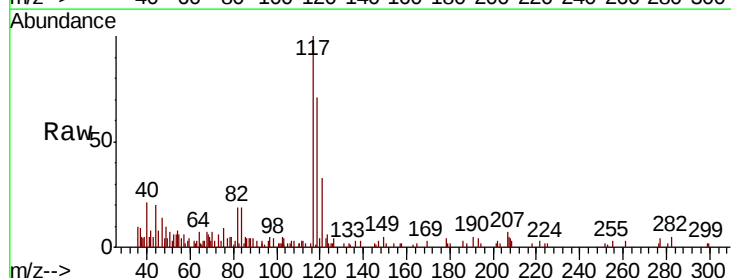
Instrument :
MSVOA_X
ClientSampleId :
MDL02

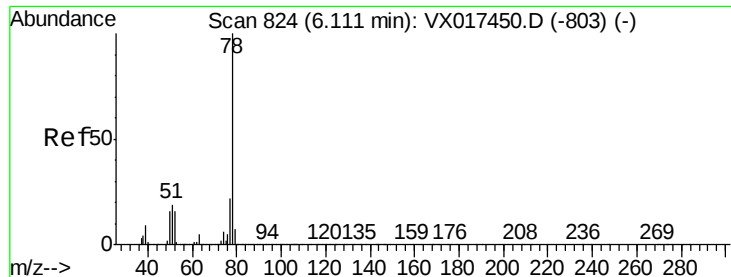
Tot Ion: 56 Resp: 10161
Ion Ratio Lower Upper
56 100
69 14.1 25.4 38.2#
84 2.9 69.3 103.9#



#31
Carbon tetrachloride
Concen: 0.235 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

Tgt Ion: 117 Resp: 10225
Ion Ratio Lower Upper
117 100
119 90.2 78.5 117.7





#33

Benzene

Concen: 0.241 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

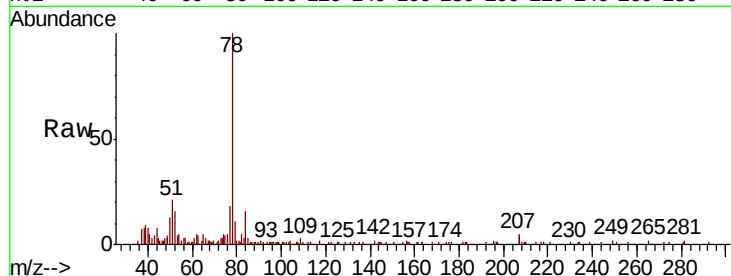
Instrument :

MSVOA_X

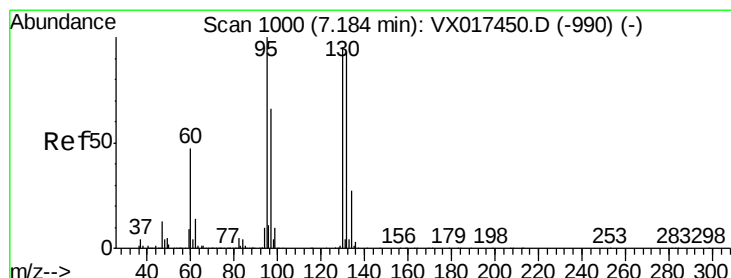
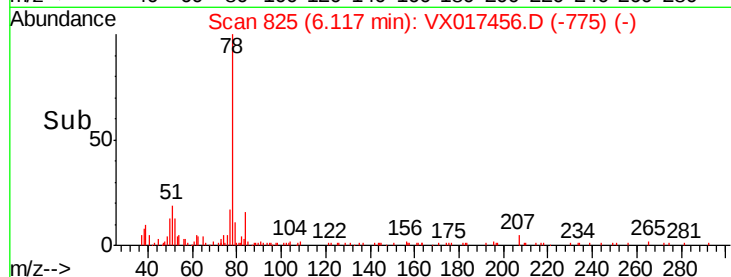
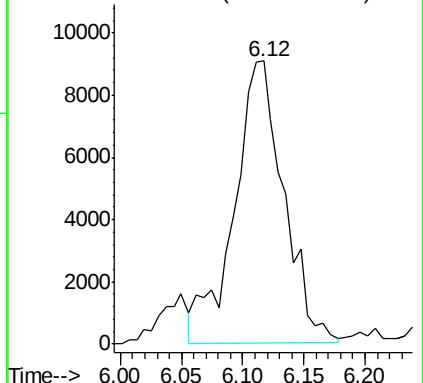
ClientSampleId :

MDL02

Tgt Ion: 78 Resp: 25497



Abundance Ion 78.10 (77.80 to 78.80): VX0



#34

Trichloroethene

Concen: 0.261 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Tgt Ion: 95 Resp: 7463

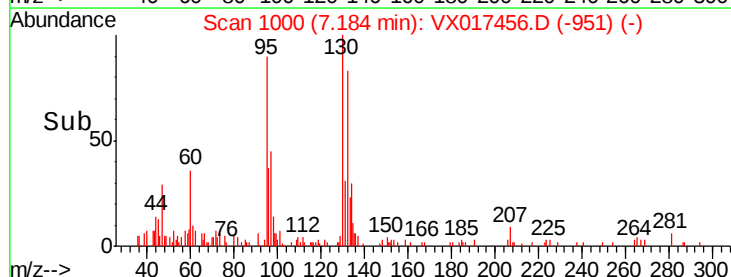
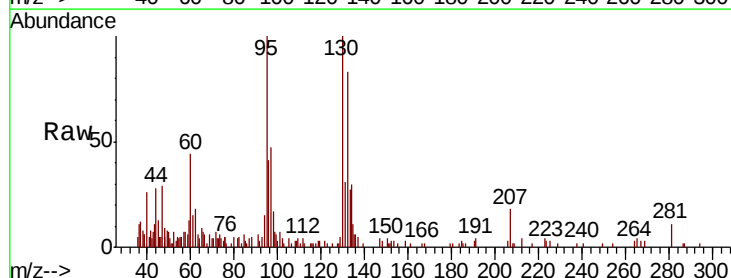
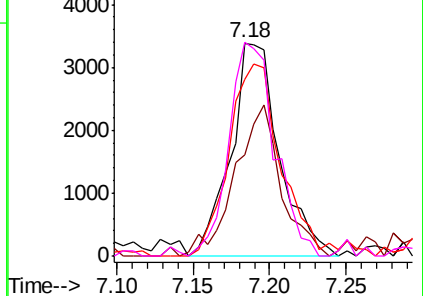
Ion	Ratio	Lower	Upper
95	100		
97	47.7	45.9	85.3
132	82.9	65.5	121.7
130	100.4	66.5	123.5

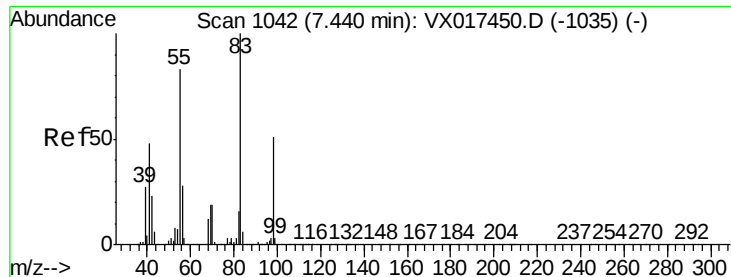
Abundance Ion 95.00 (94.70 to 95.70): VX0

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

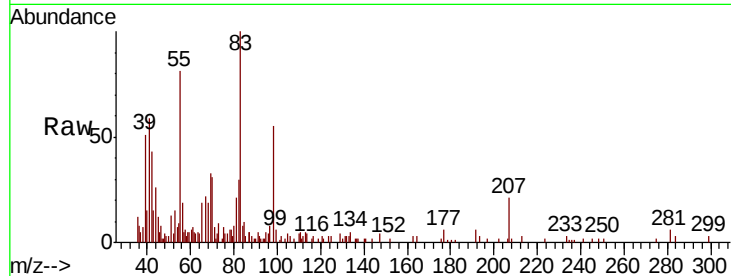




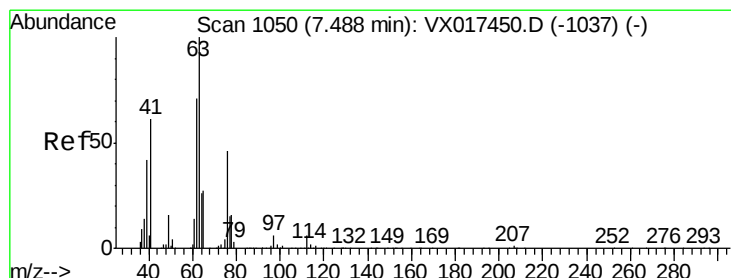
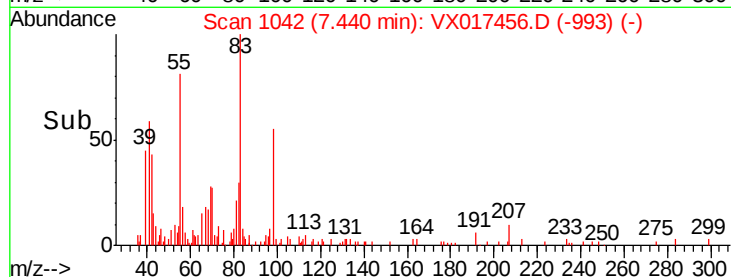
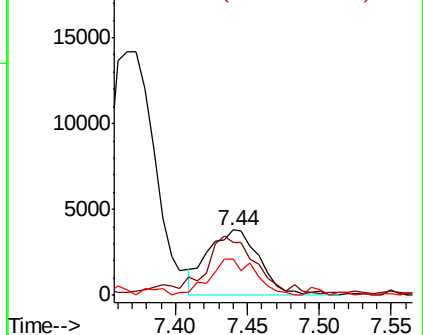
#35
Methylcyclohexane
Concen: 0.247 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tot Ion: 83 Resp: 9533
Ion Ratio Lower Upper
83 100
55 89.8 65.4 98.2
98 49.4 39.8 59.8

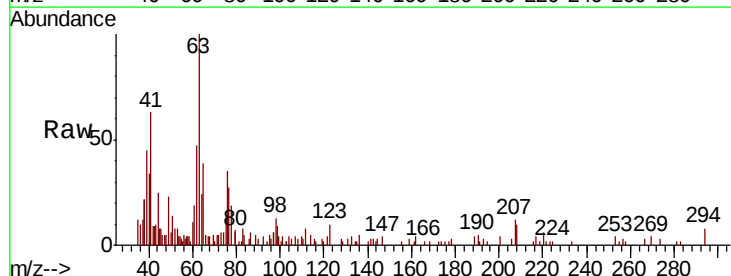


Abundance Ion 83.15 (82.85 to 83.85): VX0
Ion 55.10 (54.80 to 55.80): VX0
Ion 98.15 (97.85 to 98.85): VX0

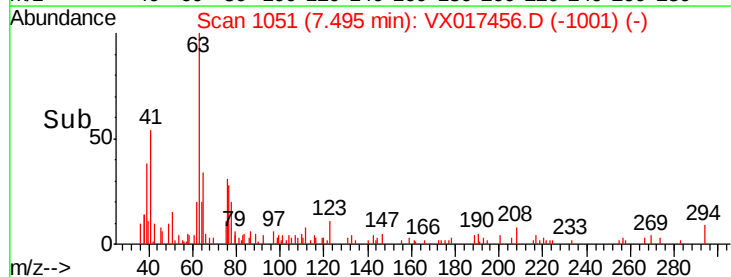
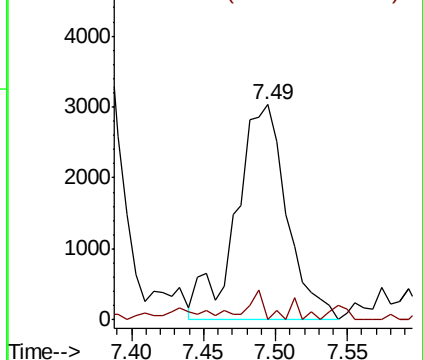


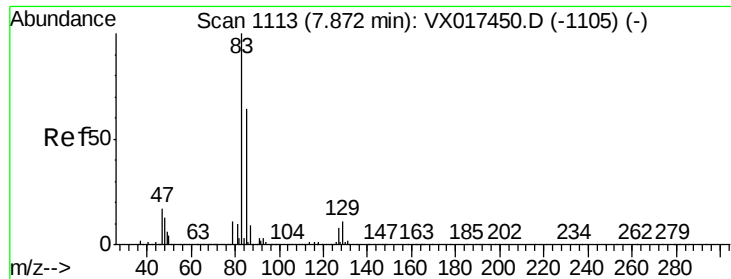
#37
1,2-Dichloropropane
Concen: 0.279 ug/L
RT: 7.49 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

Tgt Ion: 63 Resp: 7415
Ion Ratio Lower Upper
63 100
112 4.1 3.8 5.8



Abundance Ion 63.10 (62.80 to 63.80): VX0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.236 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

MDL02

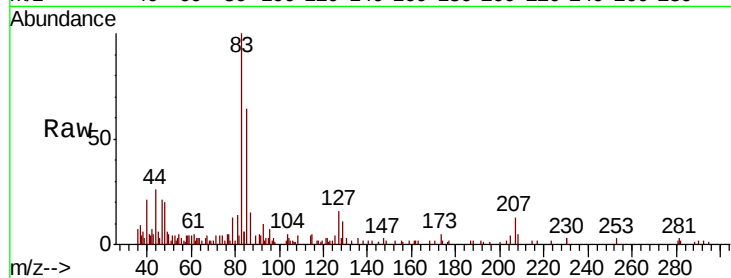
Tot Ion: 83 Resp: 8404

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

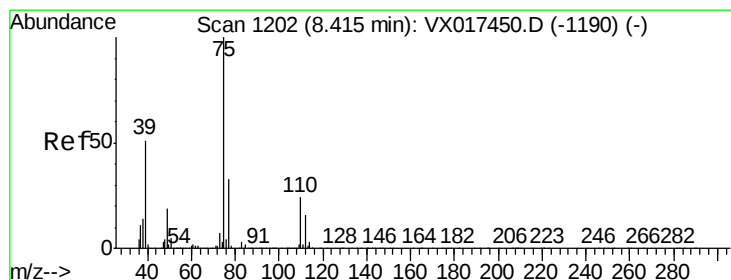
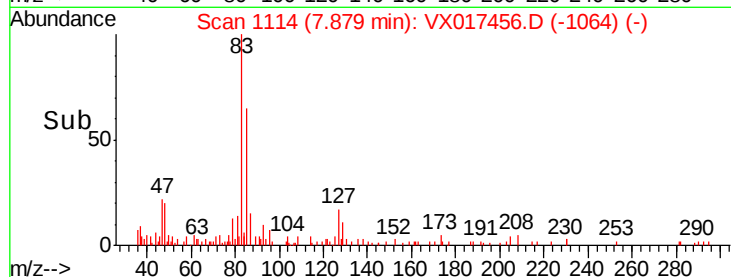
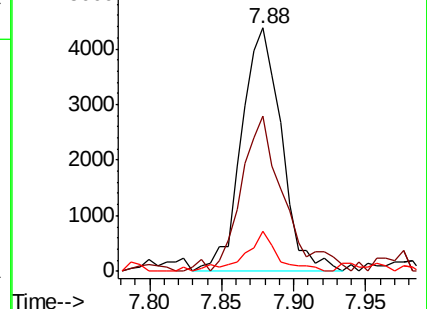
127 16.3 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V



#39

cis-1,3-Dichloropropene

Concen: 0.244 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017456.D

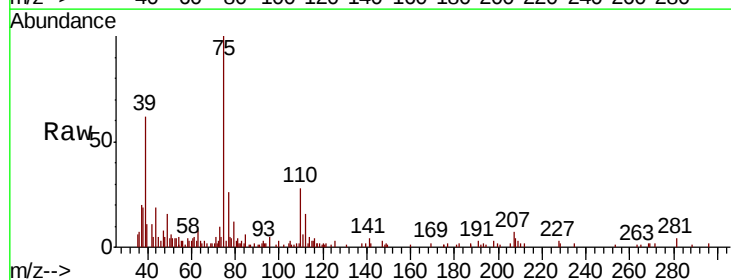
Acq: 21 Jul 2020 15:34

Tgt Ion: 75 Resp: 9380

Ion Ratio Lower Upper

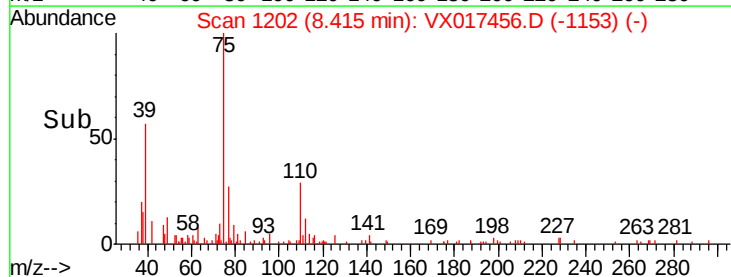
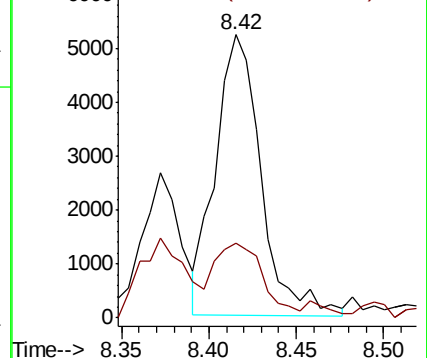
75 100

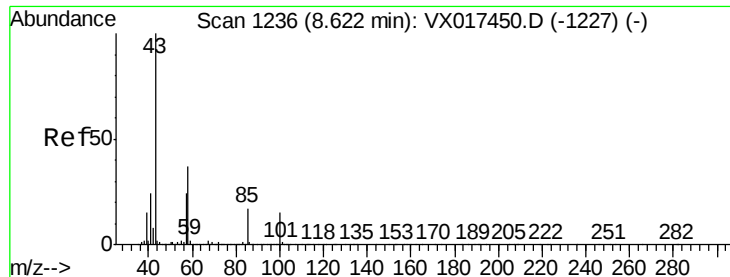
77 26.2 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

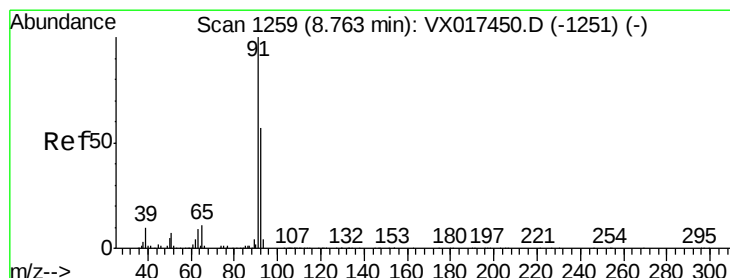
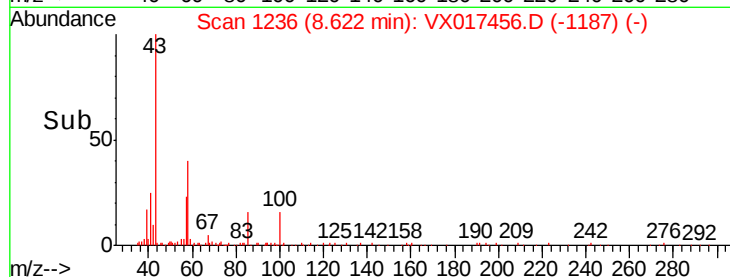
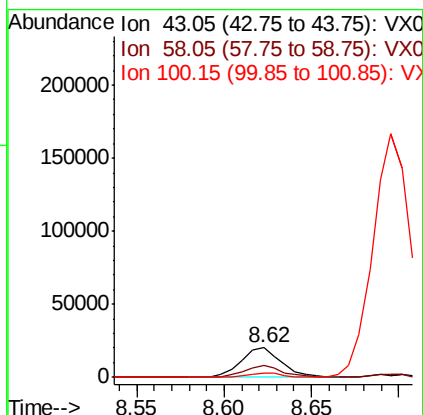
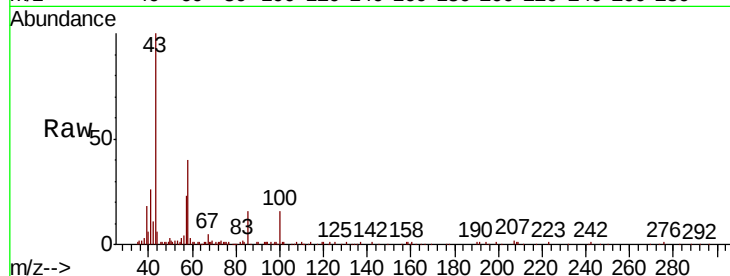




#40
4-Methyl-2-pentanone
Concen: 2.095 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

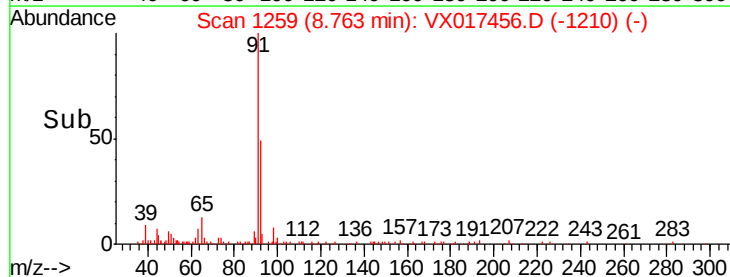
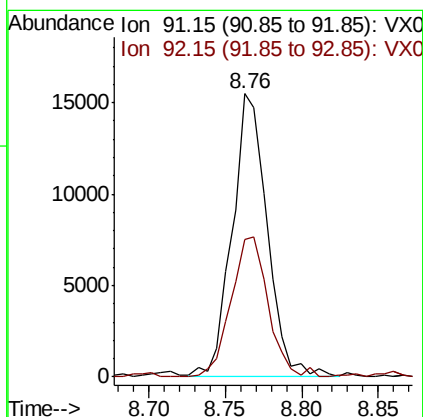
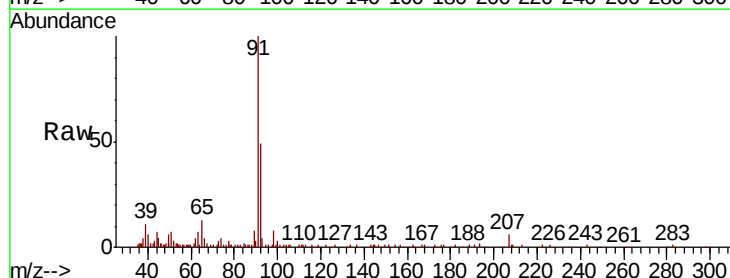
Instrument :
MSVOA_X
ClientSampleId :
MDL02

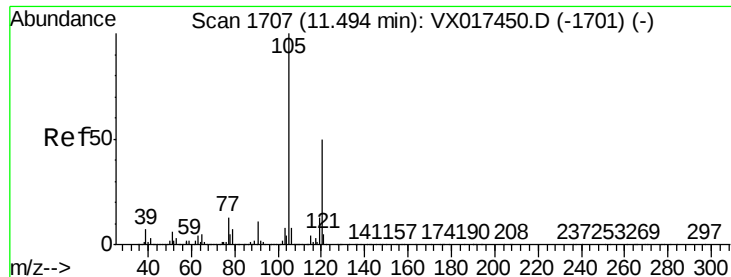
Tot Ion: 43 Resp: 32596
Ion Ratio Lower Upper
43 100
58 38.1 30.1 45.1
100 0.0 6.5 9.7#



#42
Toluene
Concen: 0.232 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017456.D
Acq: 21 Jul 2020 15:34

Tgt Ion: 91 Resp: 24605
Ion Ratio Lower Upper
91 100
92 48.7 39.9 74.1

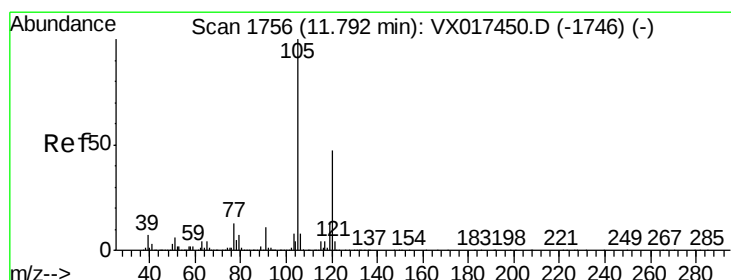
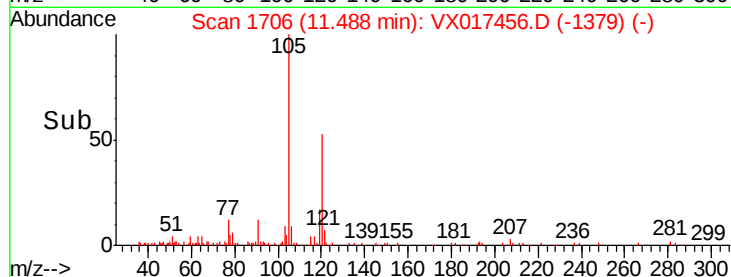
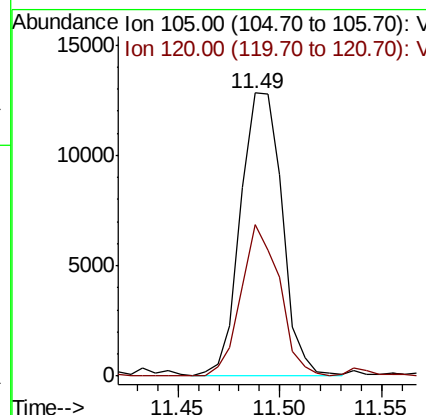
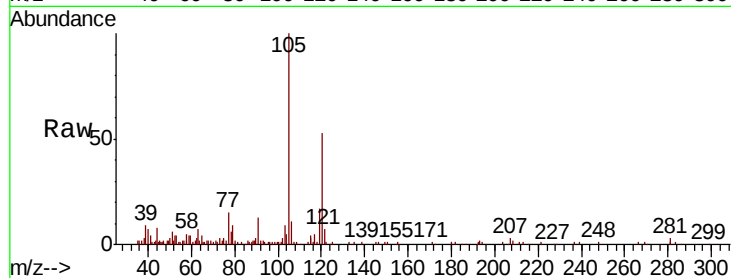




#43
 1,3,5-Trimethylbenzene
 Concen: 0.184 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

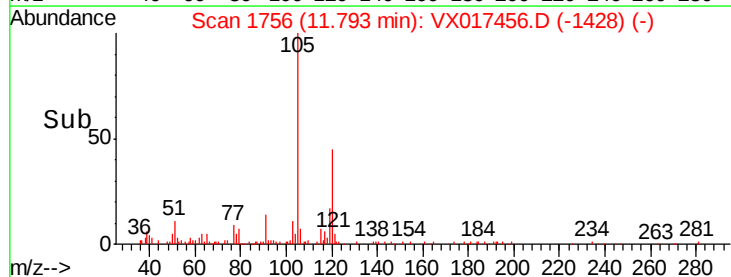
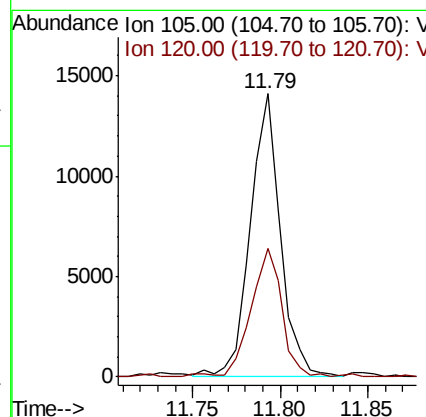
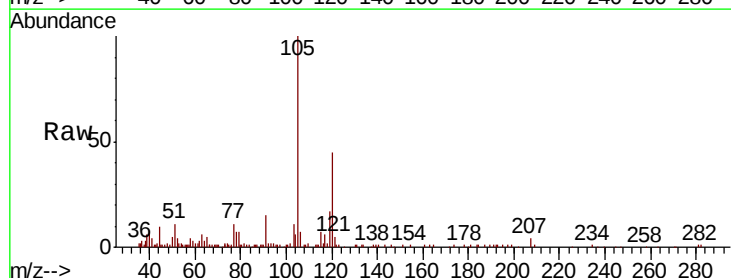
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

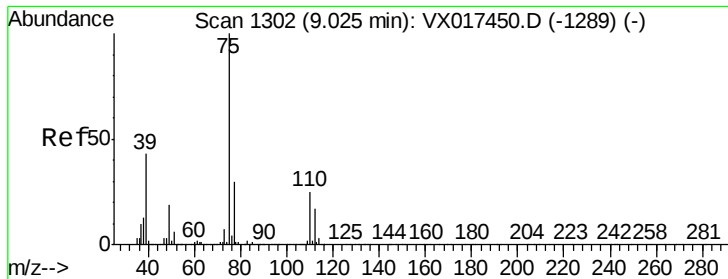
Tot Ion:105 Resp: 18204
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.2 57.2



#44
 1,2,4-Trimethylbenzene
 Concen: 0.172 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

Tgt Ion:105 Resp: 16861
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.5 54.7





#46

trans-1,3-Dichloropropene

Concen: 0.316 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

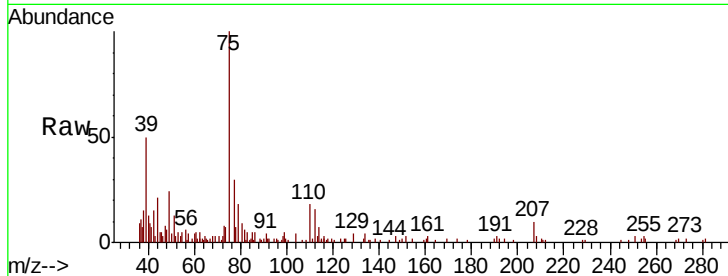
MDL02

Tot Ion: 75 Resp: 10445

Ion Ratio Lower Upper

75 100

77 29.9 21.4 39.8



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

6000

5000

4000

3000

2000

1000

0

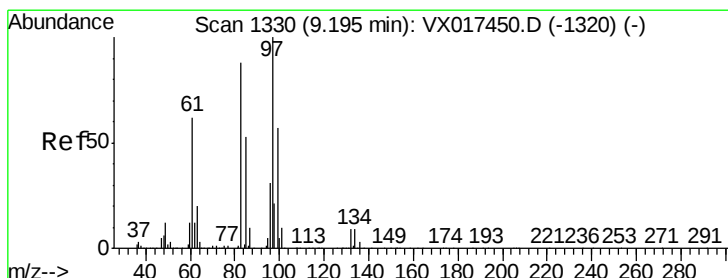
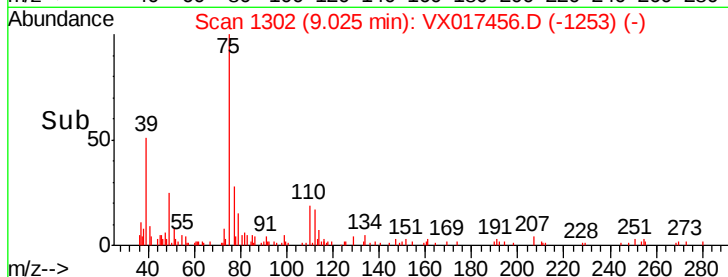
8.95

9.00

9.05

9.10

Time-->



#47

1,1,2-Trichloroethane

Concen: 0.240 ug/L

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Tgt Ion: 97 Resp: 4377

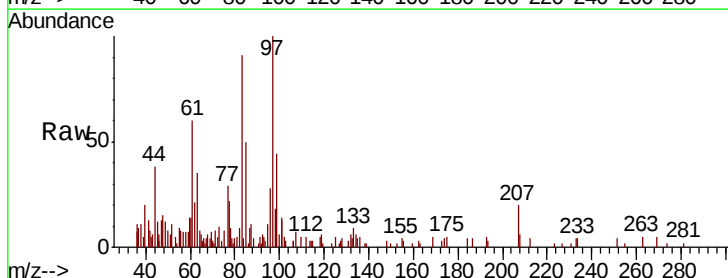
Ion Ratio Lower Upper

97 100

99 44.0 40.2 74.6

83 91.0 61.6 114.4

85 50.2 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

4000

3000

2000

1000

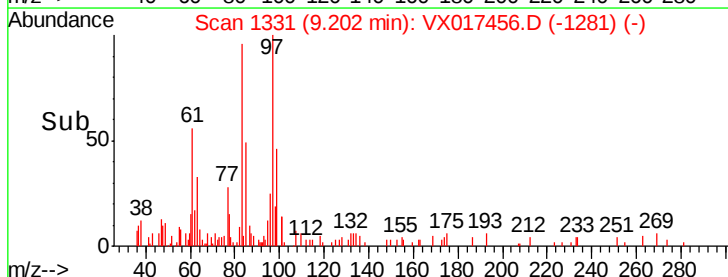
0

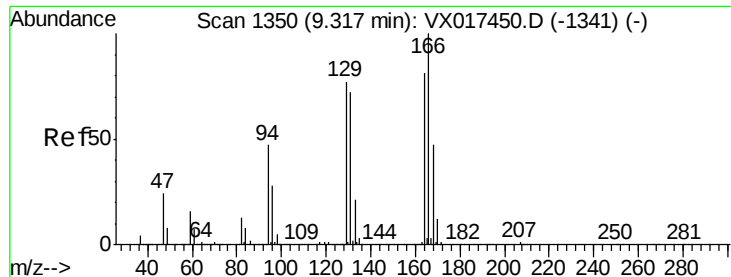
9.15

9.20

9.25

Time-->





#49

Tetrachloroethene

Concen: 0.273 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion:164 Resp: 6337

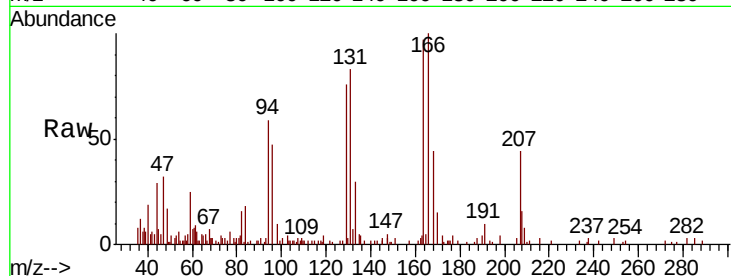
Ion Ratio Lower Upper

164 100

129 78.1 66.6 123.8

131 85.1 62.6 116.2

166 103.1 86.9 161.5

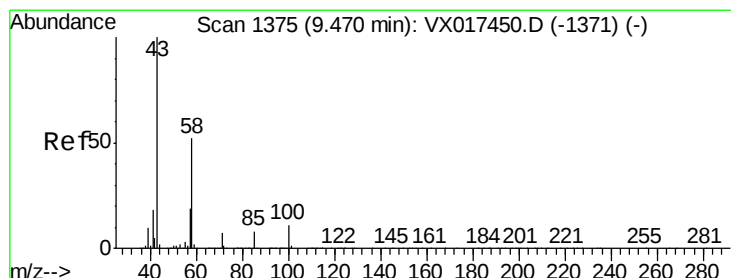
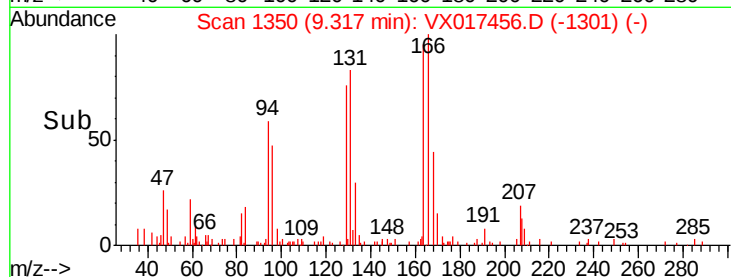
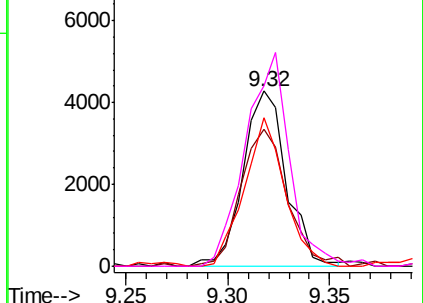


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.308 ug/L

RT: 9.47 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Tgt Ion: 43 Resp: 26214

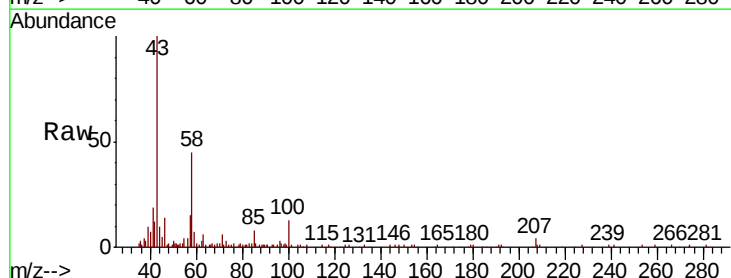
Ion Ratio Lower Upper

43 100

58 46.1 41.4 62.0

57 21.3 26.9 40.3#

100 12.5 16.0 24.0#

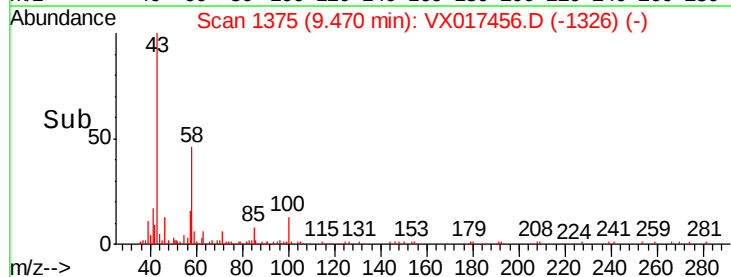
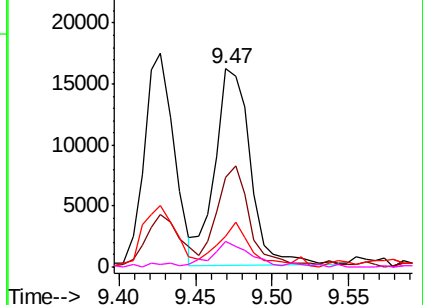


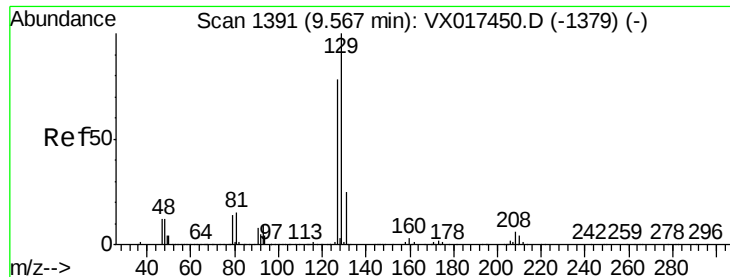
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0





#51

Dibromochloromethane

Concen: 0.228 ug/L

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

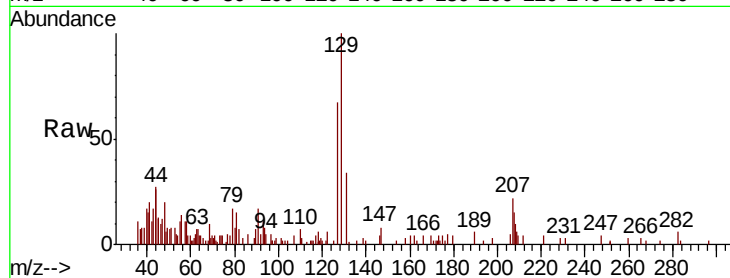
MDL02

Tot Ion:129 Resp: 5710

Ion Ratio Lower Upper

129 100

127 67.4 54.7 101.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

9.56

4000

3000

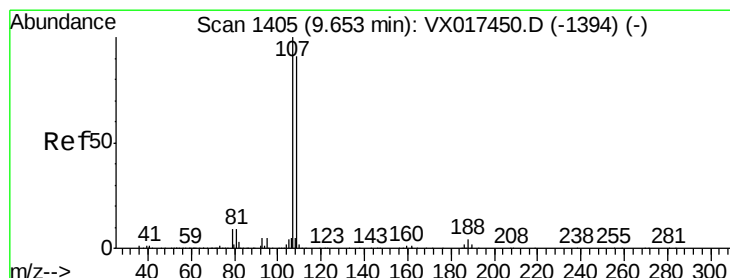
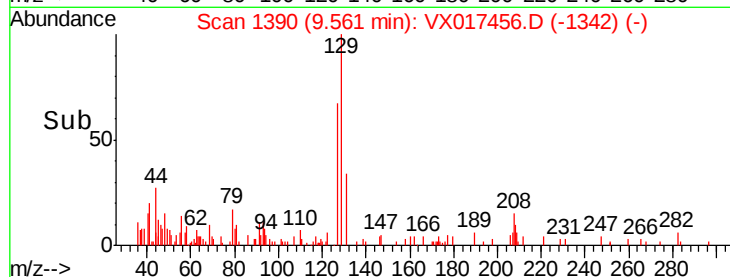
2000

1000

0

9.50 9.55 9.60 9.65

Time-->



#52

1,2-Dibromoethane

Concen: 0.223 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

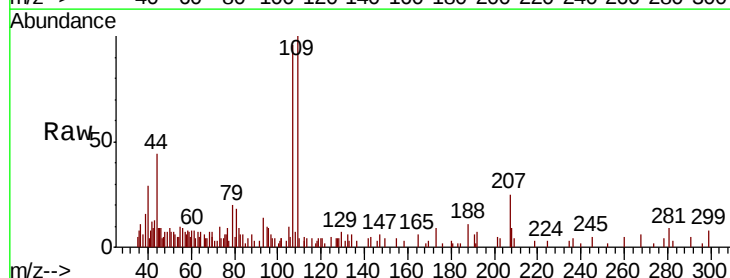
Tgt Ion:107 Resp: 4016

Ion Ratio Lower Upper

107 100

109 104.5 63.9 118.7

188 11.8 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

9.65

3000

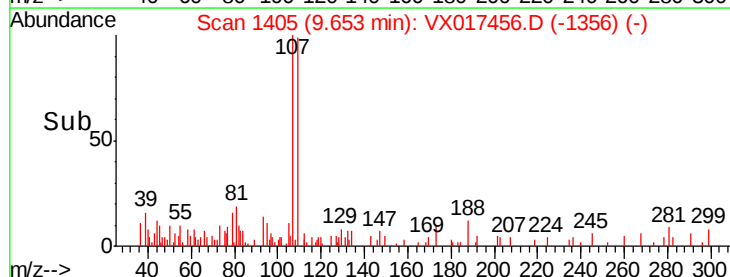
2000

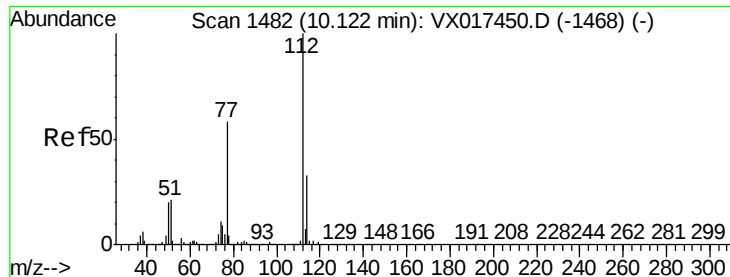
1000

0

9.60 9.65 9.70

Time-->





#53

Chlorobenzene

Concen: 0.243 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

MDL02

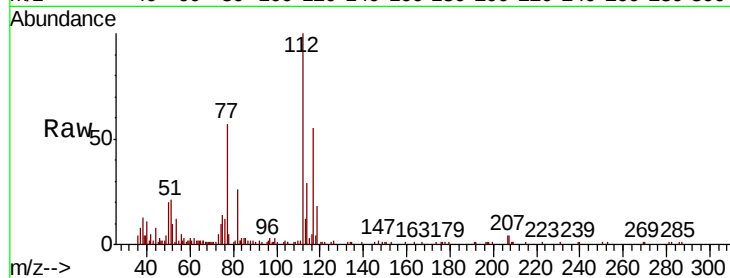
Tot Ion:112 Resp: 17516

Ion Ratio Lower Upper

112 100

114 29.4 23.1 42.9

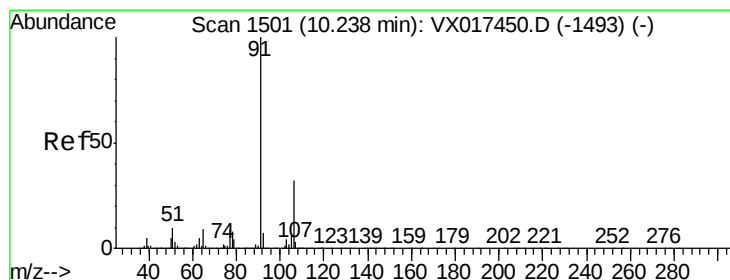
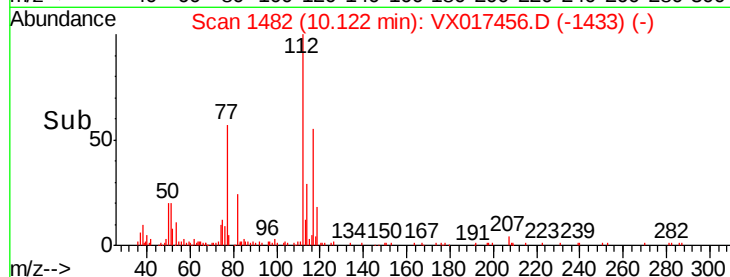
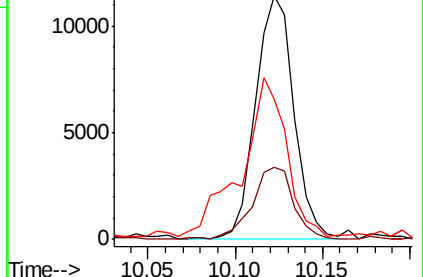
77 57.3 46.2 69.2



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): V



#54

Ethylbenzene

Concen: 0.212 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017456.D

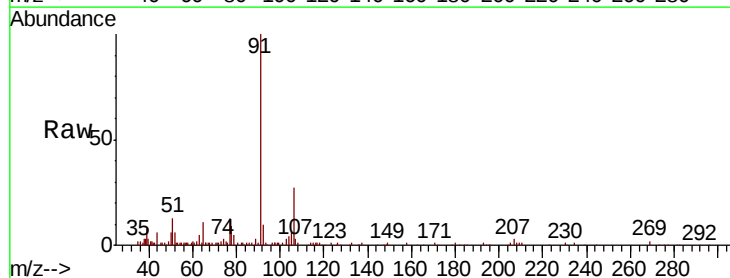
Acq: 21 Jul 2020 15:34

Tgt Ion: 91 Resp: 24397

Ion Ratio Lower Upper

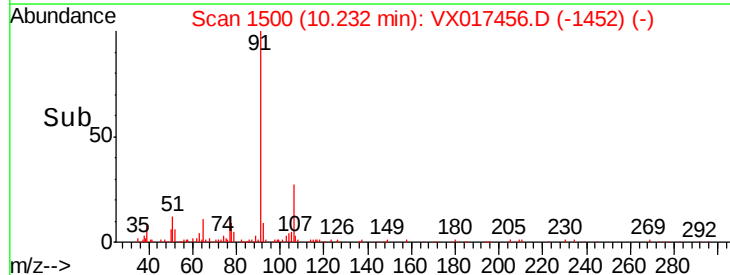
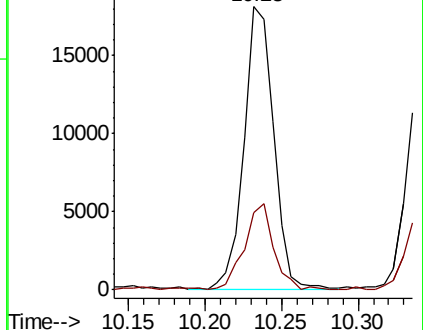
91 100

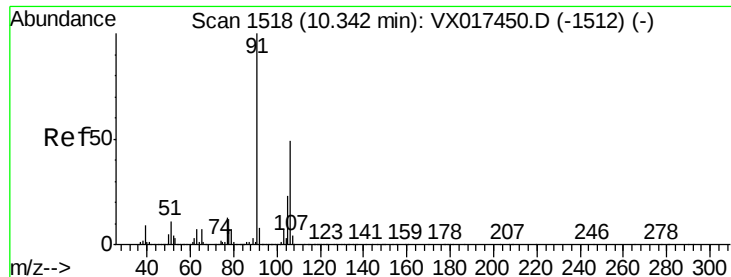
106 27.4 22.5 41.7



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.198 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

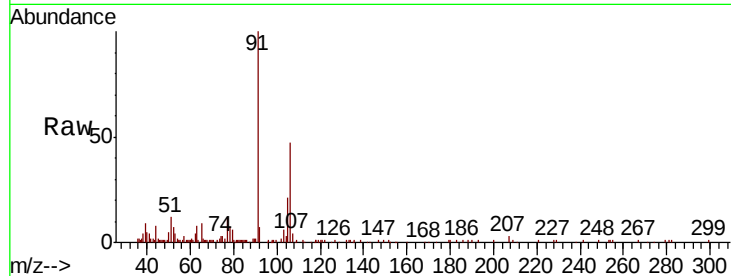
MDL02

Tot Ion:106 Resp: 9088

Ion Ratio Lower Upper

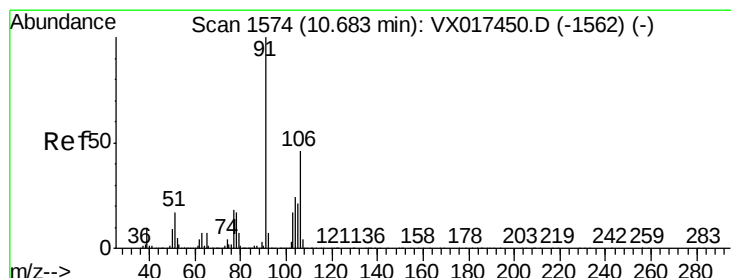
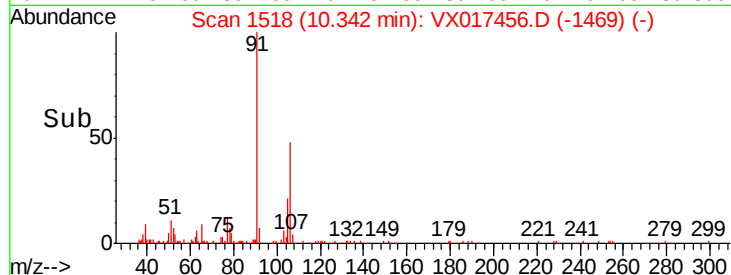
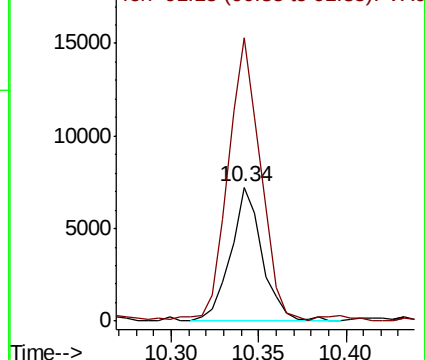
106 100

91 210.9 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.204 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017456.D

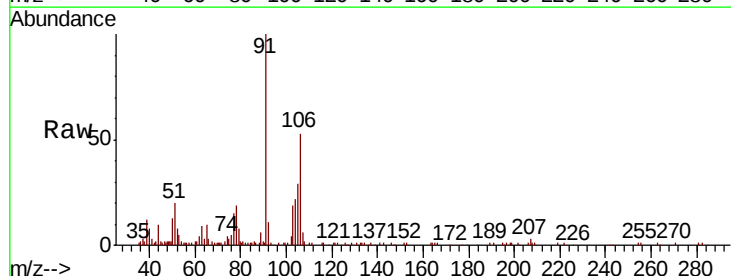
Acq: 21 Jul 2020 15:34

Tgt Ion:106 Resp: 9104

Ion Ratio Lower Upper

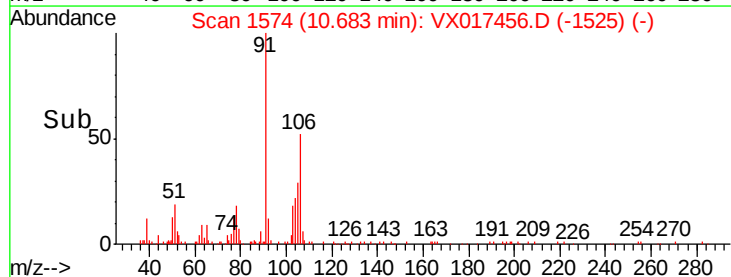
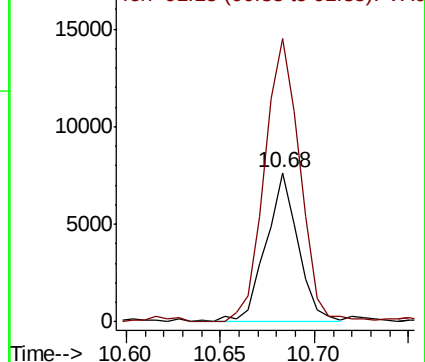
106 100

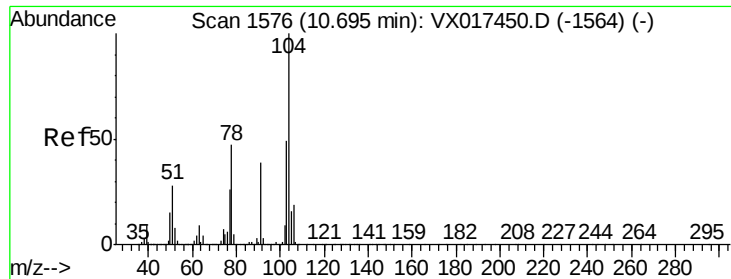
91 189.4 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#57

Stvrene

Concen: 0.193 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampled :

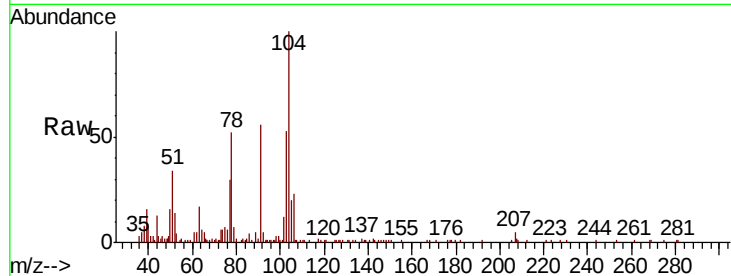
MDL02

Tot Ion:104 Resp: 14308

Ion Ratio Lower Upper

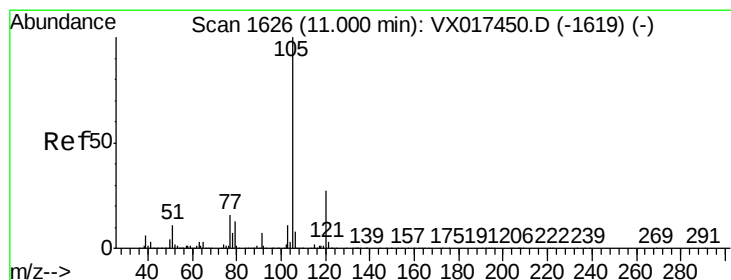
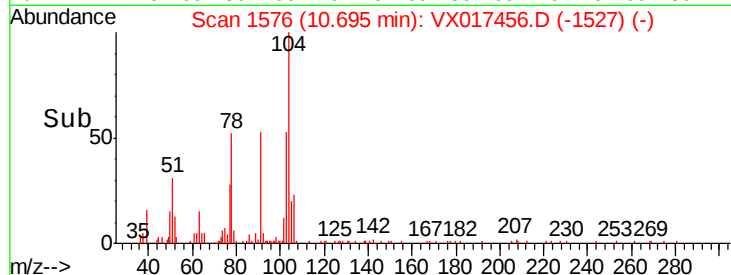
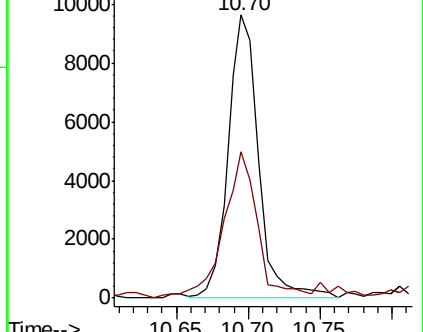
104 100

78 51.7 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: 0.207 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

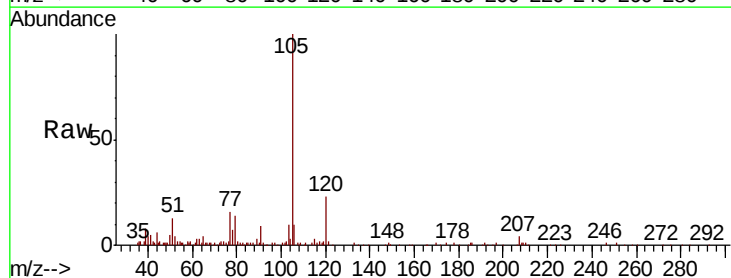
Tgt Ion:105 Resp: 23876

Ion Ratio Lower Upper

105 100

120 24.1 21.4 32.2

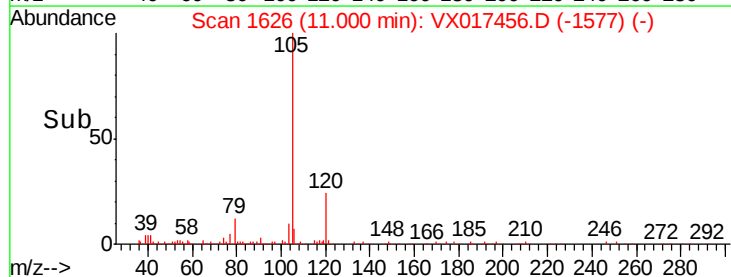
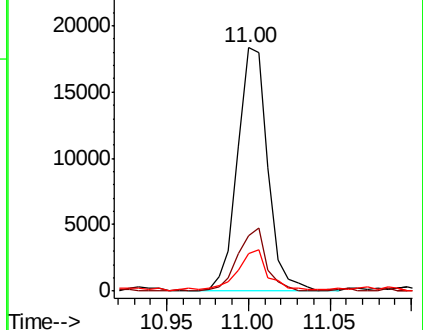
77 16.7 13.0 19.6

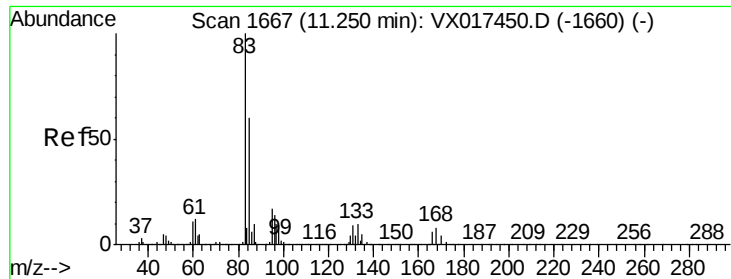


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.230 ug/L

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

MDL02

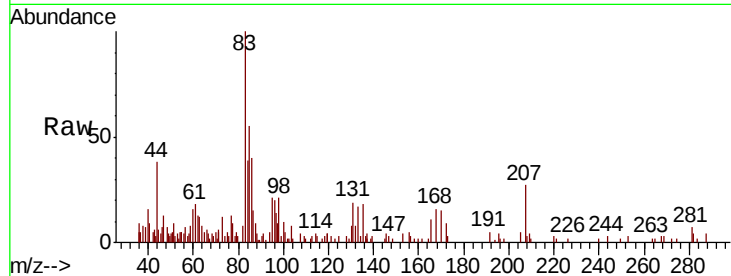
Tot Ion: 83 Resp: 4981

Ion Ratio Lower Upper

83 100

85 55.2 42.1 78.1

131 19.1 7.7 11.5#

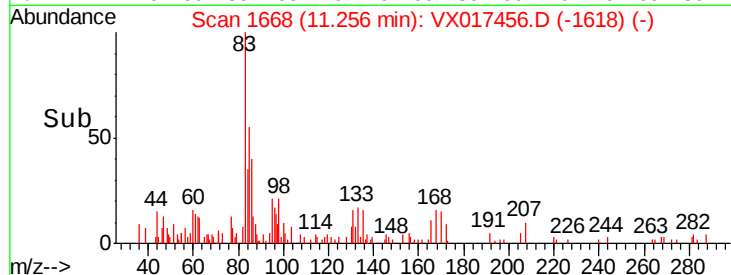


Abundance Ion 82.95 (82.65 to 83.65): VX017456.D (-1660) (-)

Ion 85.00 (84.70 to 85.70): VX017456.D (-1660) (-)

Ion 130.95 (130.65 to 131.65): VX017456.D (-1660) (-)

Time-->

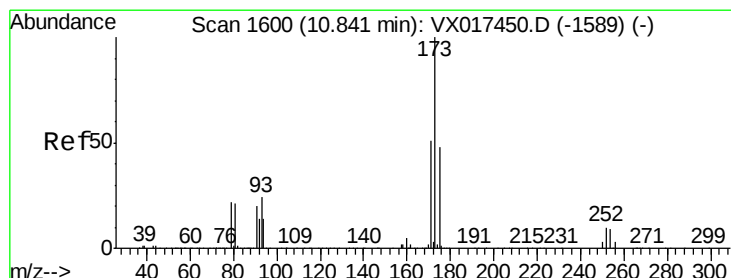


Abundance Ion 82.95 (82.65 to 83.65): VX017456.D (-1660) (-)

Ion 85.00 (84.70 to 85.70): VX017456.D (-1660) (-)

Ion 130.95 (130.65 to 131.65): VX017456.D (-1660) (-)

Time-->



#62

Bromoform

Concen: 0.217 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

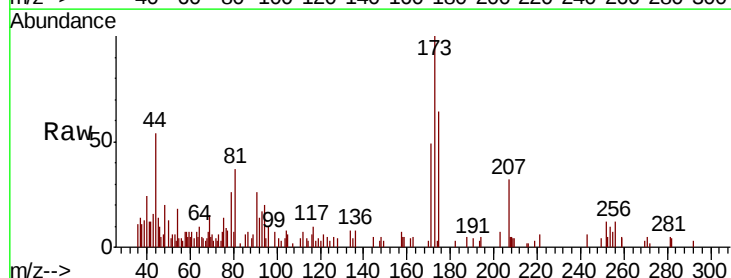
Tgt Ion: 173 Resp: 2940

Ion Ratio Lower Upper

173 100

175 57.9 38.4 57.6#

254 13.7 7.4 11.2#

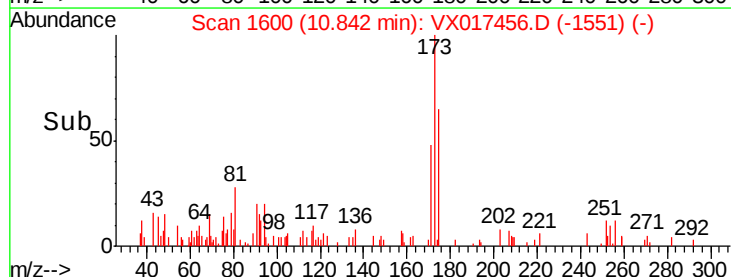


Abundance Ion 172.90 (172.60 to 173.60): VX017456.D (-1589) (-)

Ion 174.90 (174.60 to 175.60): VX017456.D (-1589) (-)

Ion 253.75 (253.45 to 254.45): VX017456.D (-1589) (-)

Time-->

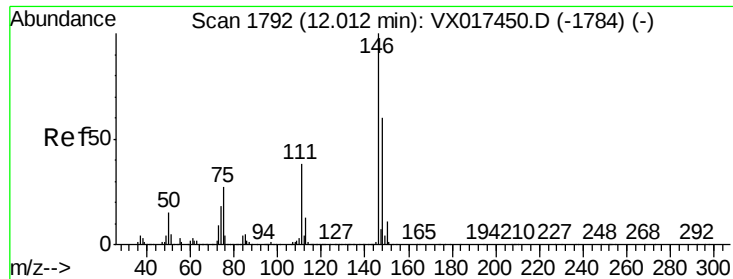


Abundance Ion 172.90 (172.60 to 173.60): VX017456.D (-1589) (-)

Ion 174.90 (174.60 to 175.60): VX017456.D (-1589) (-)

Ion 253.75 (253.45 to 254.45): VX017456.D (-1589) (-)

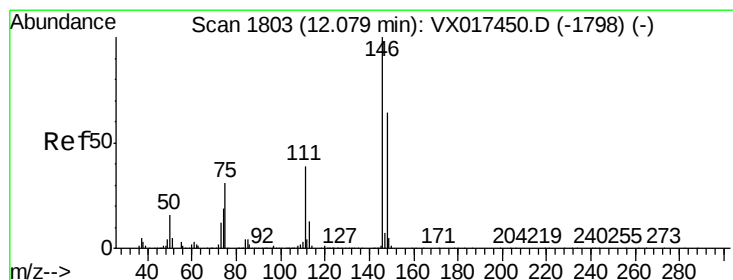
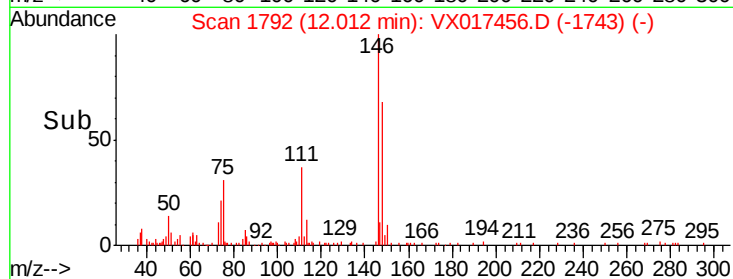
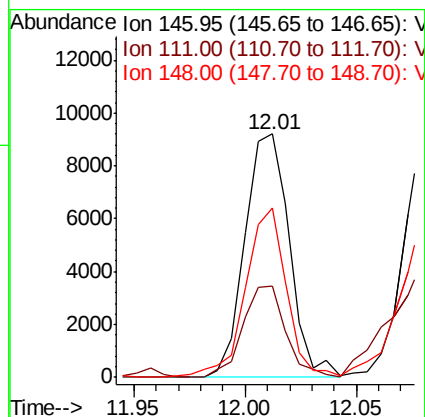
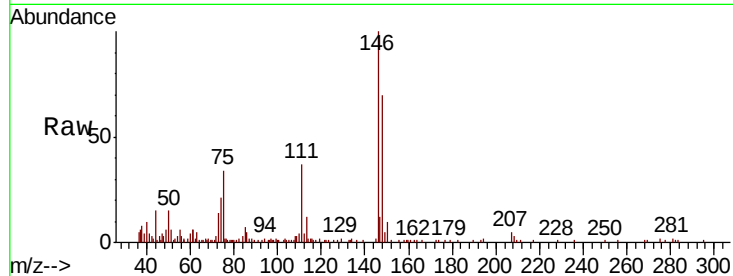
Time-->



#63
 1,3-Dichlorobenzene
 Concen: 0.235 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

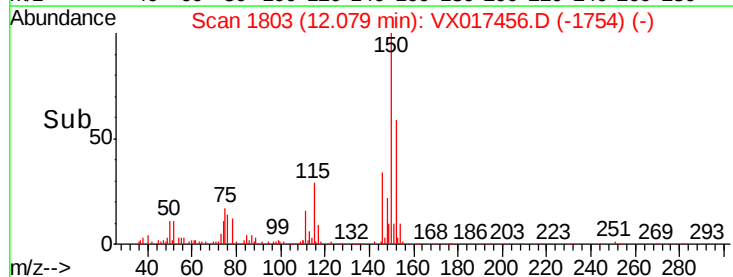
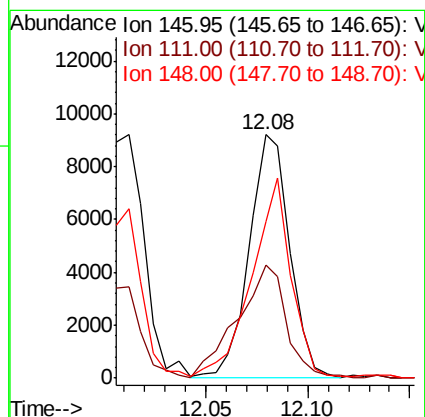
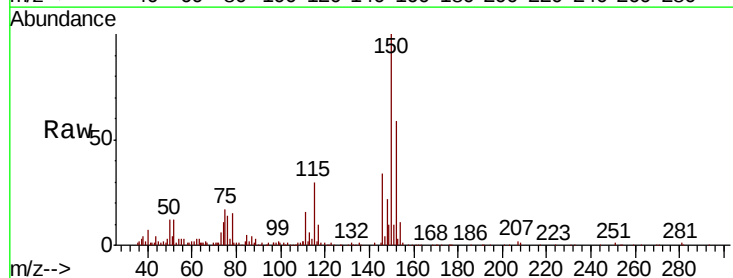
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

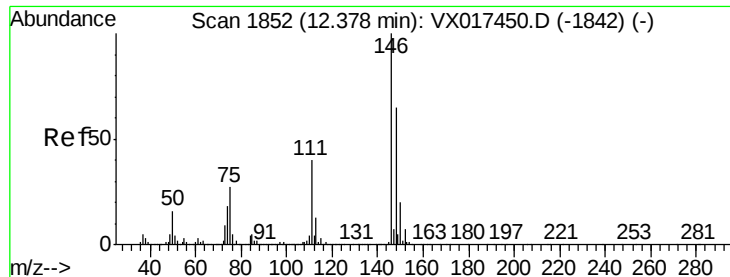
Tot Ion:146 Resp: 12819
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.8 49.8
 148 69.8 42.1 78.3



#64
 1,4-Dichlorobenzene
 Concen: 0.238 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

Tgt Ion:146 Resp: 12768
 Ion Ratio Lower Upper
 146 100
 111 46.3 27.7 51.5
 148 64.4 44.9 83.5

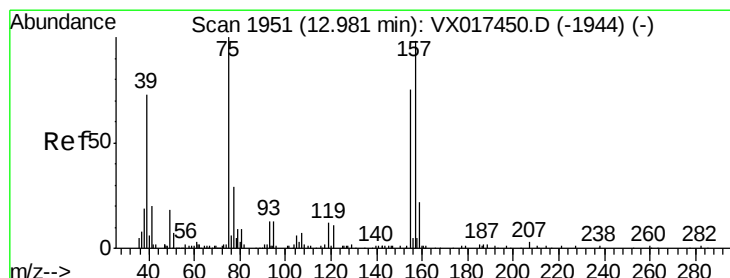
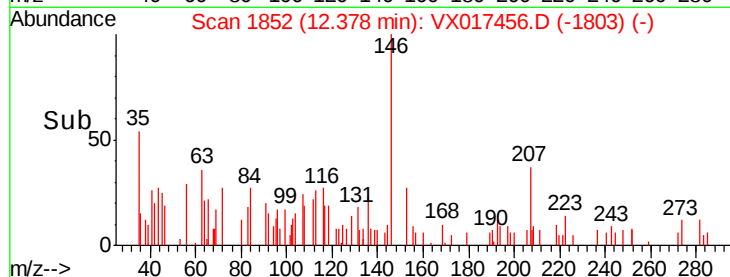
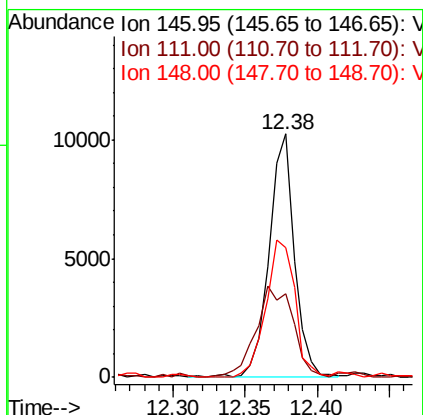
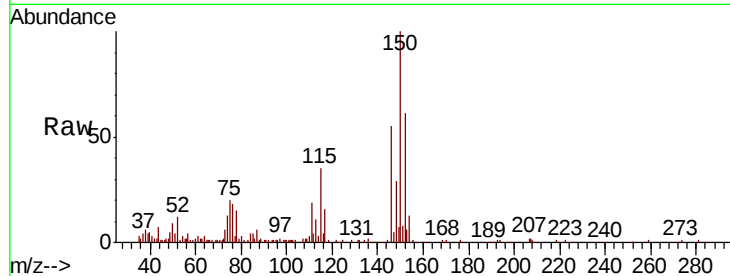




#66
 1,2-Dichlorobenzene
 Concen: 0.248 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

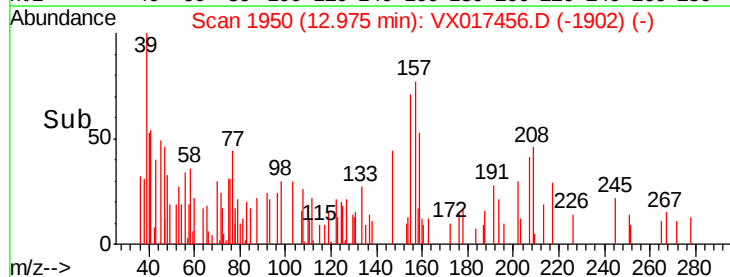
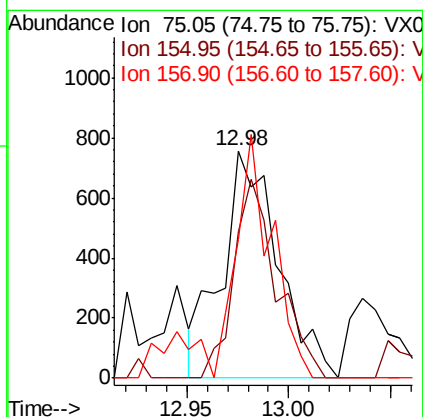
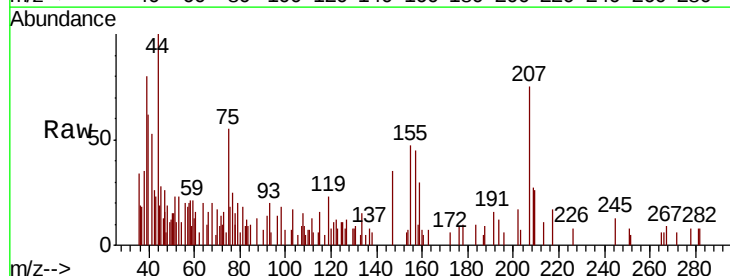
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

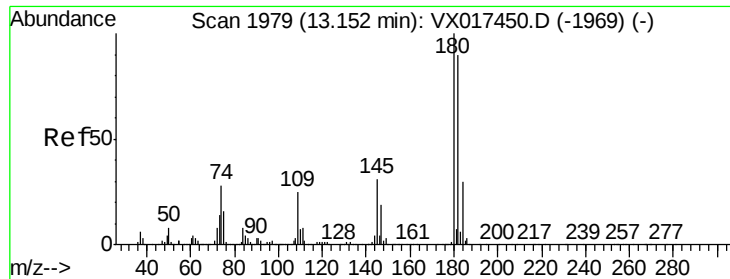
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.4	31.8	47.6
148	53.4	51.8	77.8



#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.327 ug/L
 RT: 12.98 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.5	59.6	89.4
157	61.1	78.7	118.1#

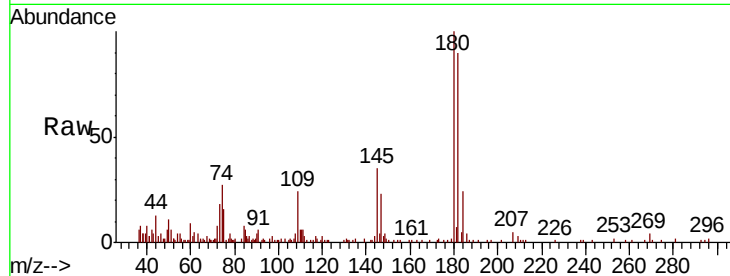




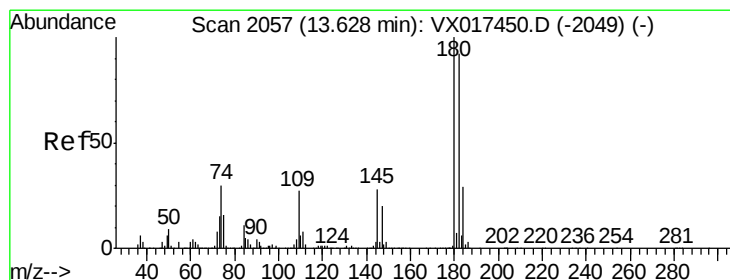
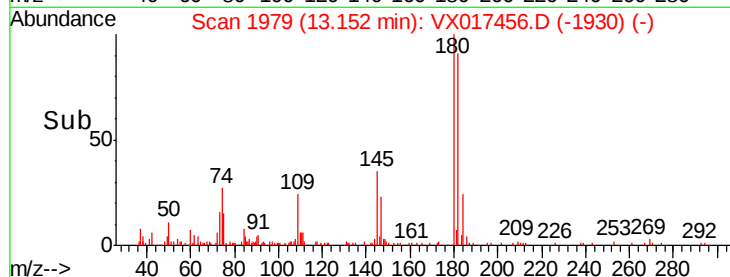
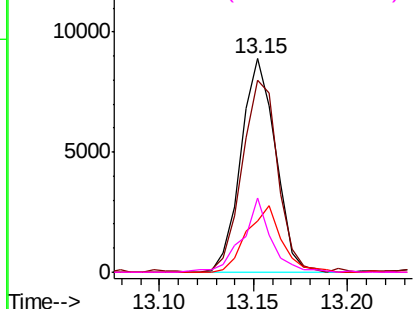
#68
 1,3,5-Trichlorobenzene
 Concen: 0.247 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Tot Ion:180	Resp:	11360
Ion	Ratio	Lower Upper
180	100	
182	92.2	73.8 110.8
184	31.7	24.2 36.2
145	28.9	24.4 36.6

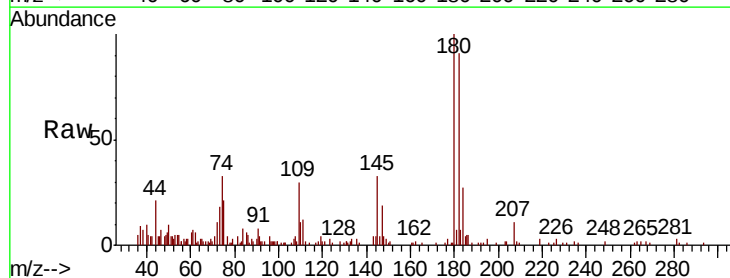


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

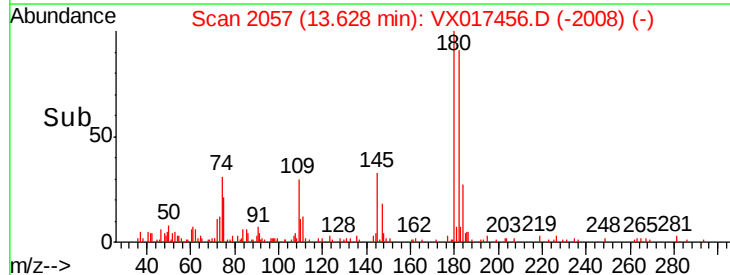
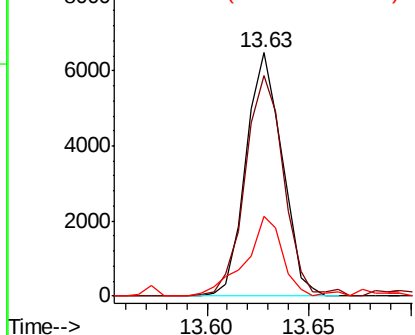


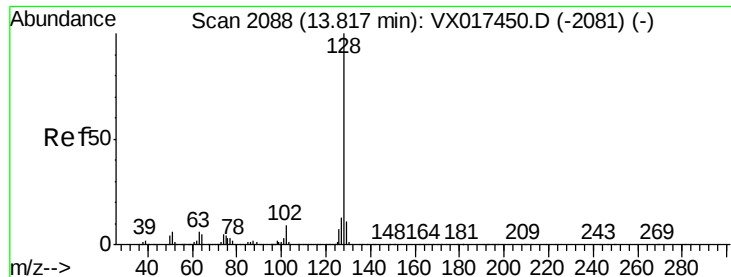
#69
 1,2,4-trichlorobenzene
 Concen: 0.238 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017456.D
 Acq: 21 Jul 2020 15:34

Tgt Ion:180	Resp:	8001
Ion	Ratio	Lower Upper
180	100	
182	97.2	75.3 112.9
145	33.4	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: 0.187 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

Instrument :

MSVOA_X

ClientSampled :

MDL02

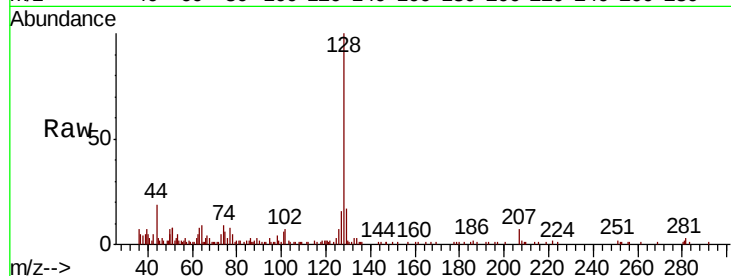
Tot Ion:128 Resp: 11034

Ion Ratio Lower Upper

128 100

129 13.7 8.7 13.1#

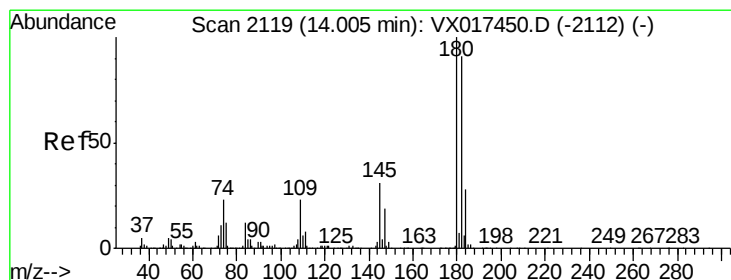
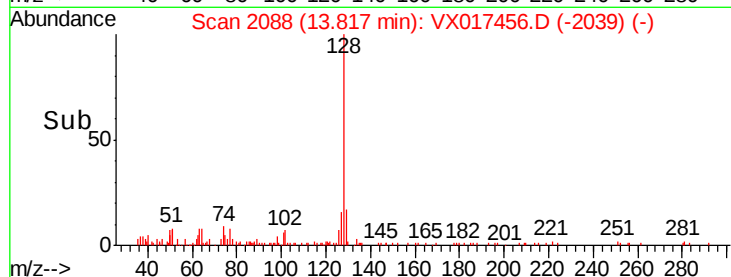
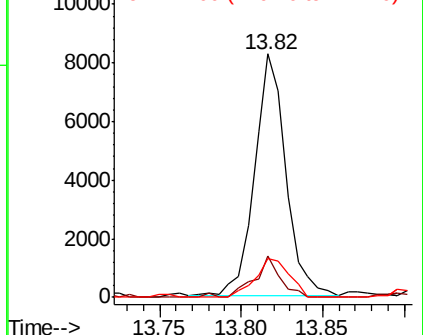
127 17.5 10.2 15.4#



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: 0.217 ug/L

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX017456.D

Acq: 21 Jul 2020 15:34

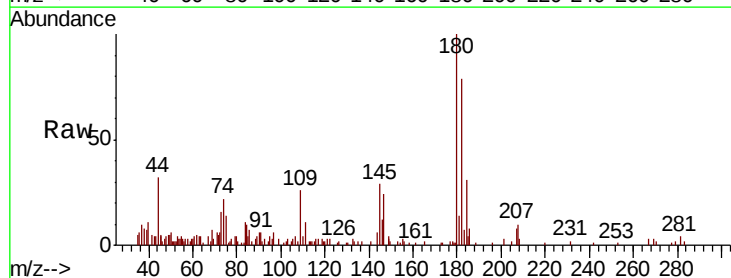
Tgt Ion:180 Resp: 6723

Ion Ratio Lower Upper

180 100

182 98.7 75.3 112.9

145 39.2 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

