

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026247.D
 Acq On : 04 Jan 2022 02:24
 Operator : JC/MD
 Sample : PB141783ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

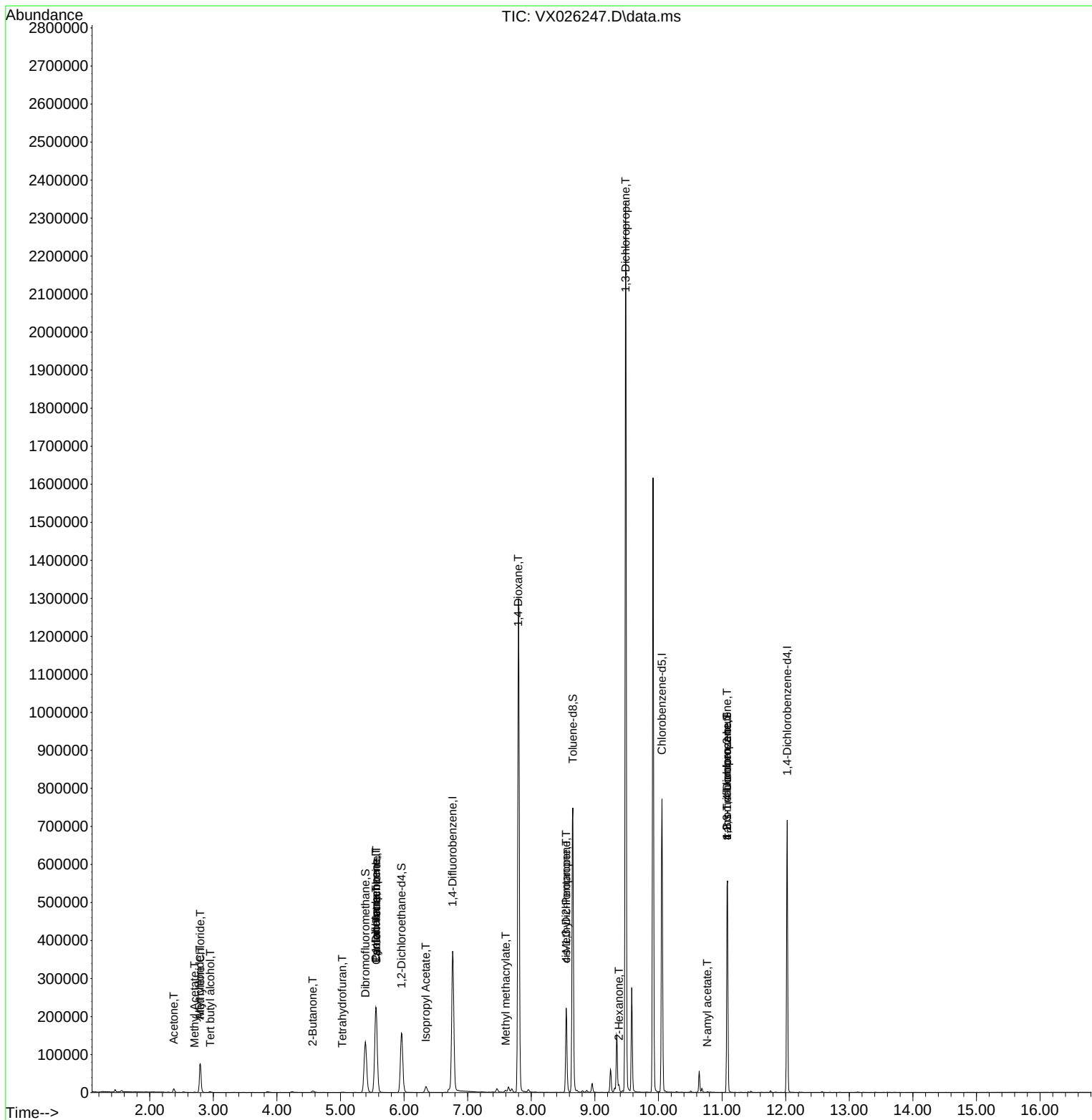
Instrument :
 MSVOA_X
 ClientSampleId :

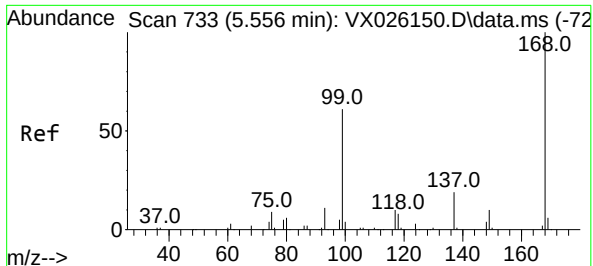
Quant Time: Jan 04 08:00:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.555	168	198628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155976	54.280	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.560%			
35) Dibromofluoromethane	5.391	113	113716	49.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	8.652	98	425993	50.247	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.500%			
62) 4-Bromofluorobenzene	11.079	95	150334	49.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.620%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	1761	3.068	ug/l #	73
14) Allyl chloride	2.788	41	1278	0.294	ug/l #	23
16) Acetone	2.379	43	10897	6.999	ug/l	92
18) Methyl Acetate	2.702	43	1443	0.286	ug/l #	86
20) Methylene Chloride	2.794	84	32693	12.422	ug/l	91
25) 2-Butanone	4.562	43	6260	2.886	ug/l	100
29) Tetrahydrofuran	5.025	42	552	0.404	ug/l #	76
31) Cyclohexane	5.555	56	5129	1.253	ug/l #	21
36) 1,1-Dichloropropene	5.555	75	18137	4.934	ug/l #	50
38) Carbon Tetrachloride	5.562	117	21712	5.309	ug/l #	15
43) Isopropyl Acetate	6.342	43	21138	3.043	ug/l	96
48) Methyl methacrylate	7.598	41	6330	1.900	ug/l #	12
49) 1,4-Dioxane	7.793	88	80	1.303	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	78964	18.265	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	32643	7.626	ug/l #	69
57) 1,3-Dichloropropane	9.482	76	19800	4.354	ug/l #	42
59) 2-Hexanone	9.378	43	10003	3.055	ug/l #	25
74) N-amyl acetate	10.768	43	1074	0.227	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	82305	25.738	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82305	74.459	ug/l #	10

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

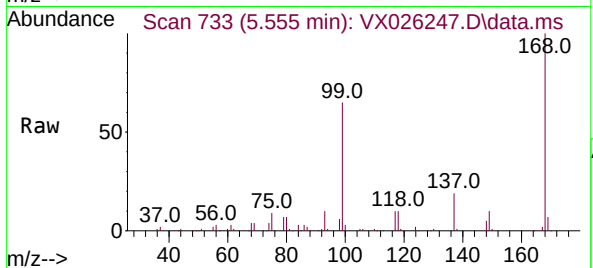
Quant Time: Jan 04 08:00:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



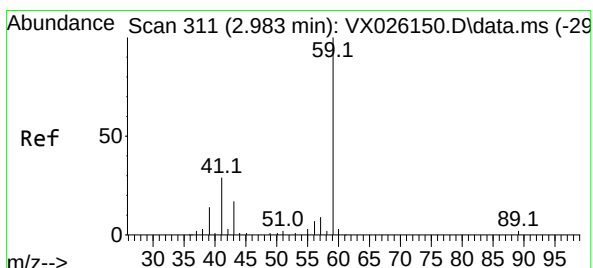
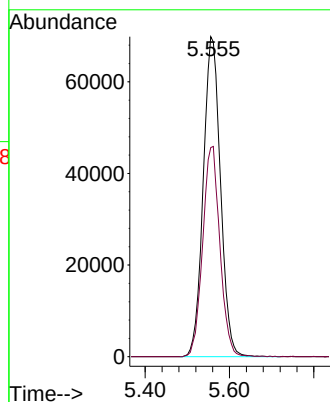
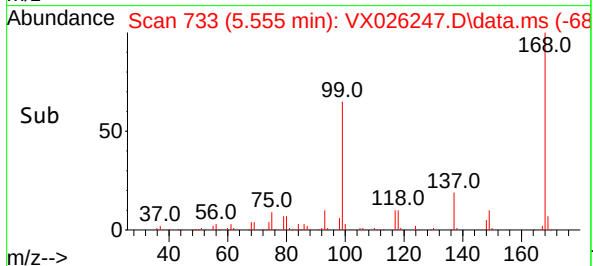


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Instrument :
MSVOA_X
ClientSampleId :

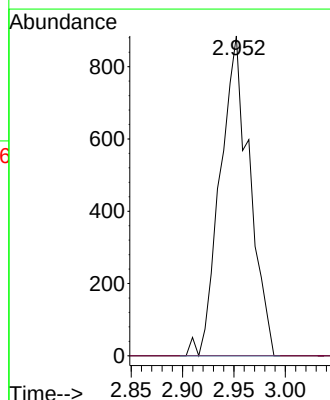
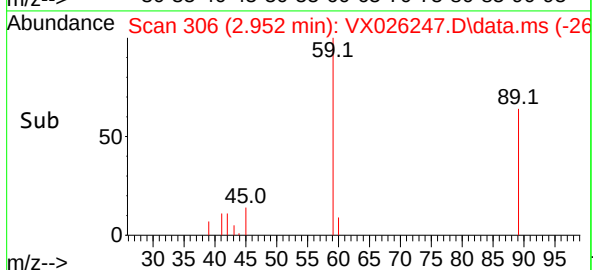
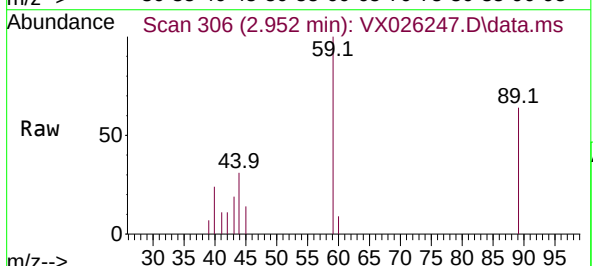


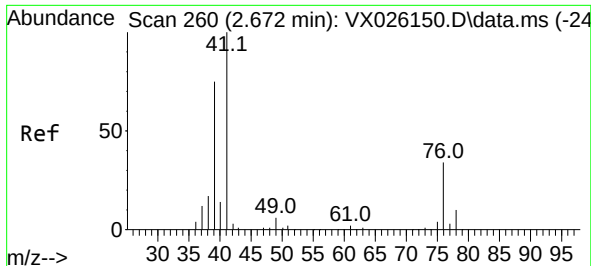
Tgt Ion:168 Resp: 198628
Ion Ratio Lower Upper
168 100
99 65.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.068 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

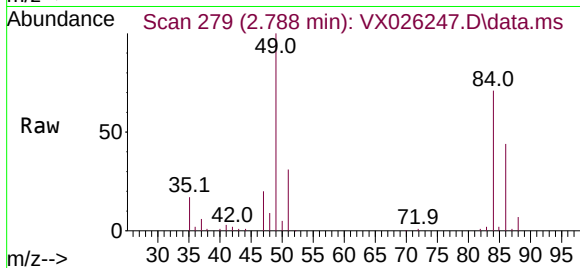
Tgt Ion: 59 Resp: 1761
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



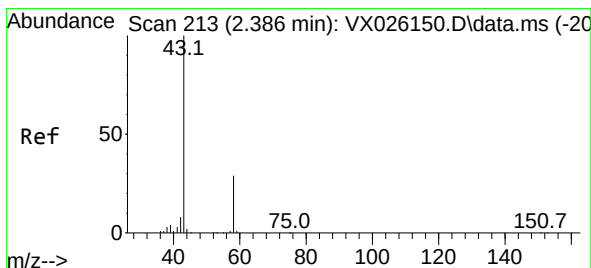
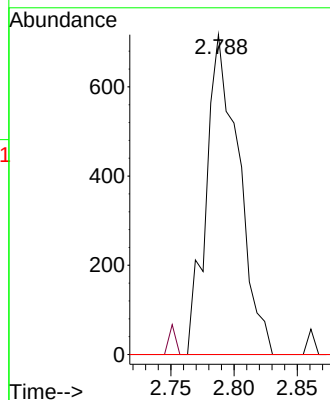
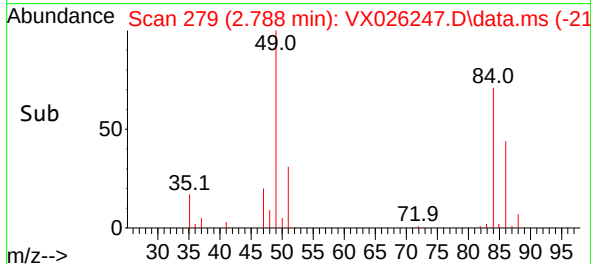


#14
 Allyl chloride
 Concen: 0.294 ug/l
 RT: 2.788 min Scan# 212
 Delta R.T. 0.116 min
 Lab File: VX026247.D
 Acq: 04 Jan 2022 02:24

Instrument :
 MSVOA_X
 ClientSampleId :

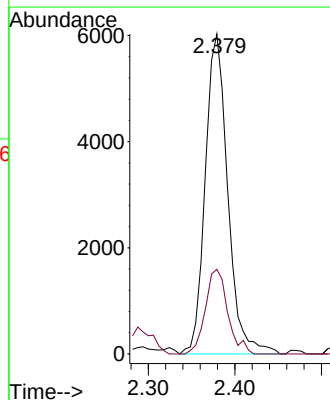
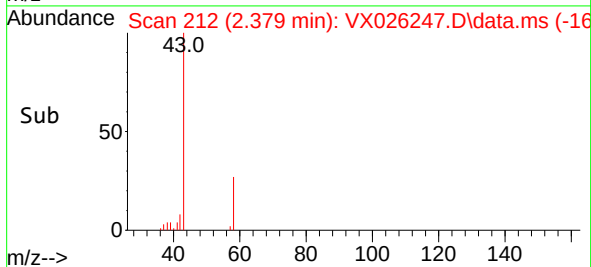
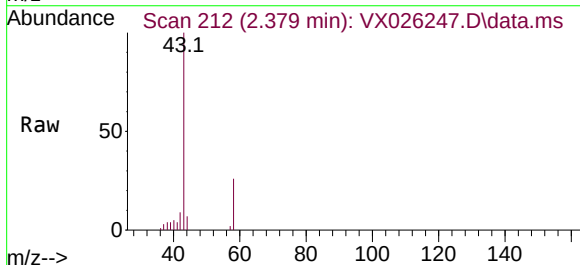


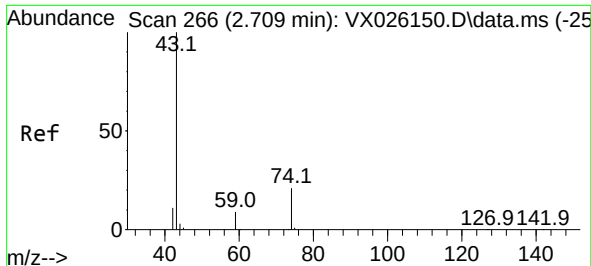
Tgt Ion: 41 Resp: 1278
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.4 83.0#
 76 0.0 27.6 41.4#



#16
 Acetone
 Concen: 6.999 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.007 min
 Lab File: VX026247.D
 Acq: 04 Jan 2022 02:24

Tgt Ion: 43 Resp: 10897
 Ion Ratio Lower Upper
 43 100
 58 26.5 24.8 37.2

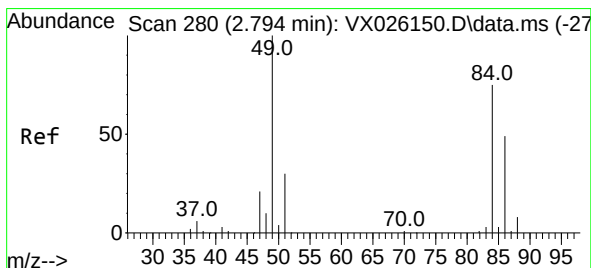
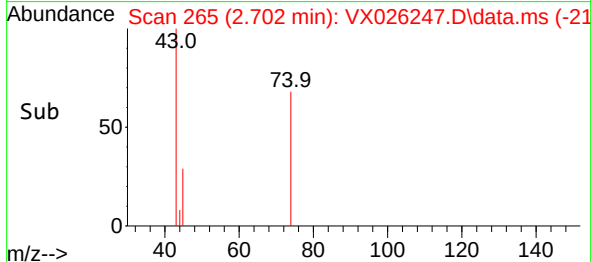
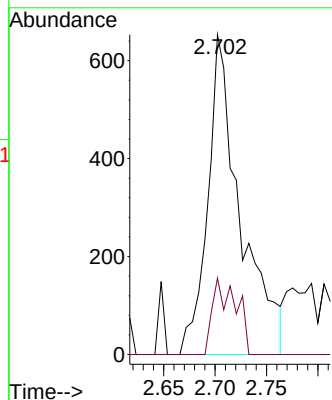
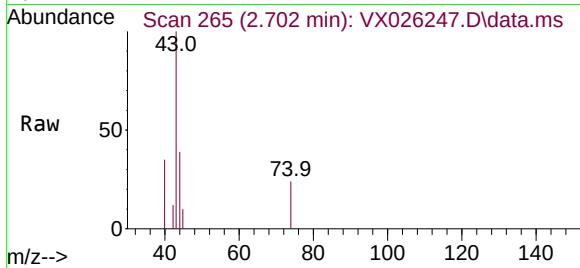




#18
Methyl Acetate
Concen: 0.286 ug/l
RT: 2.702 min Scan# 20
Delta R.T. -0.007 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

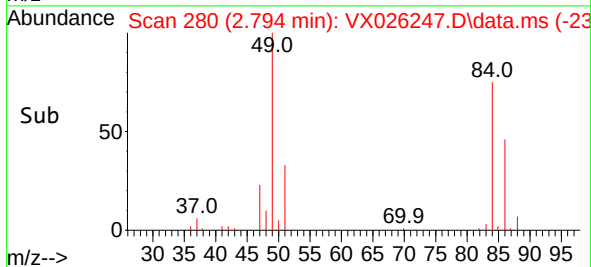
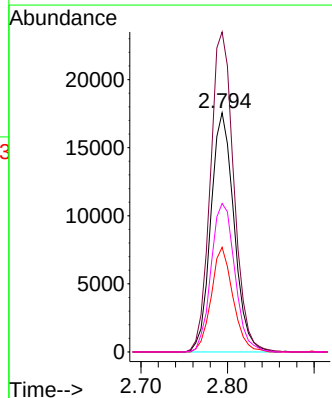
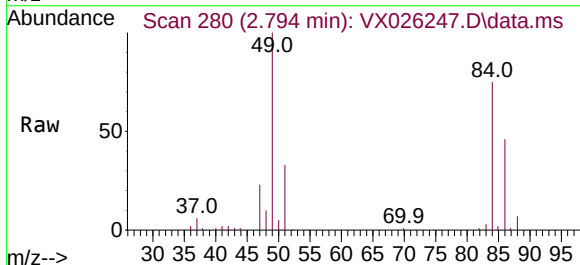
Instrument :
MSVOA_X
ClientSampleId :

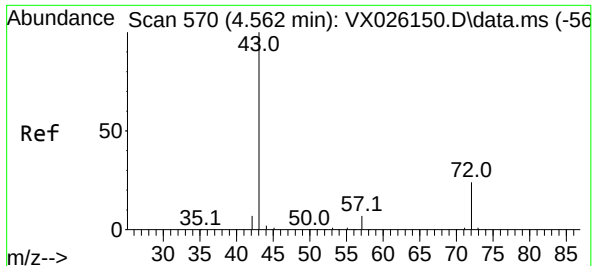
Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
74 17.1 19.1 28.7#



#20
Methylene Chloride
Concen: 12.422 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Tgt Ion: 84 Resp: 32693
Ion Ratio Lower Upper
84 100
49 133.8 97.1 145.7
51 43.8 29.3 43.9
86 62.1 50.8 76.2





#25

2-Butanone

Concen: 2.886 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX026247.D

Acq: 04 Jan 2022 02:24

Instrument :

MSVOA_X

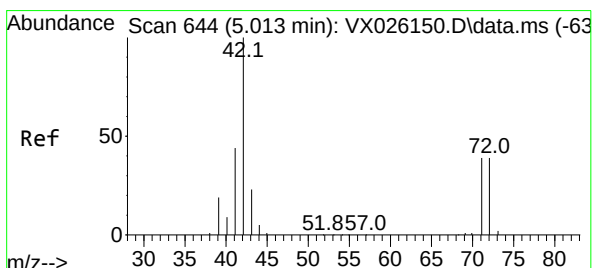
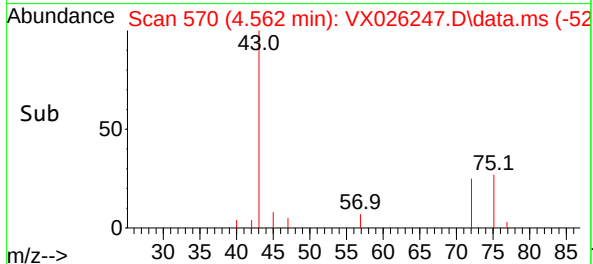
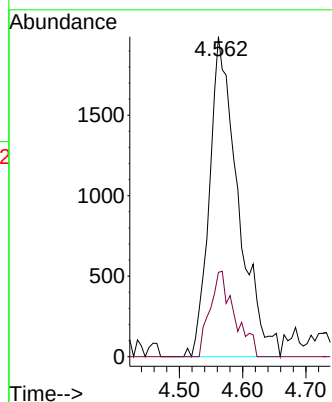
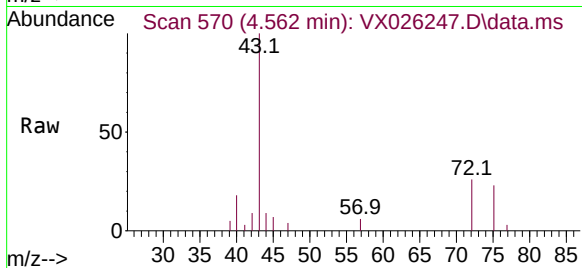
ClientSampleId :

Tgt Ion: 43 Resp: 6260

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4



#29

Tetrahydrofuran

Concen: 0.404 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX026247.D

Acq: 04 Jan 2022 02:24

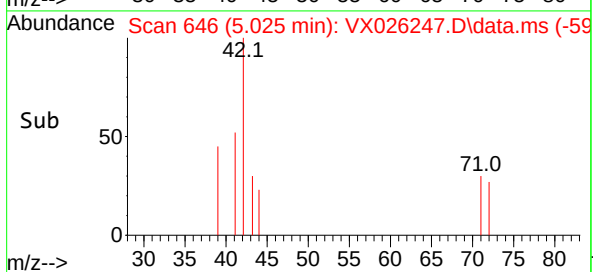
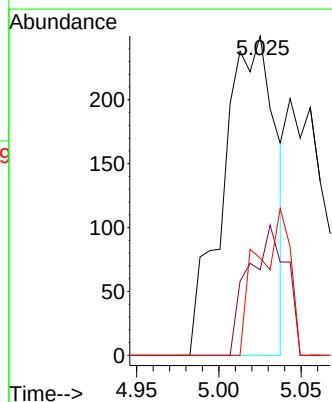
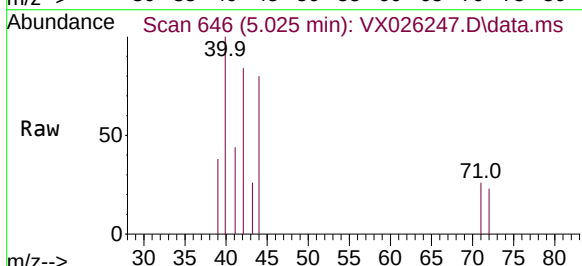
Tgt Ion: 42 Resp: 552

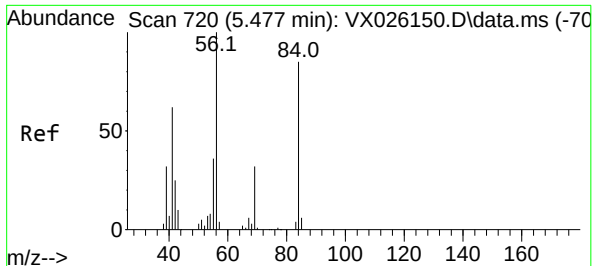
Ion Ratio Lower Upper

42 100

72 29.5 37.0 55.6#

71 28.3 34.1 51.1#

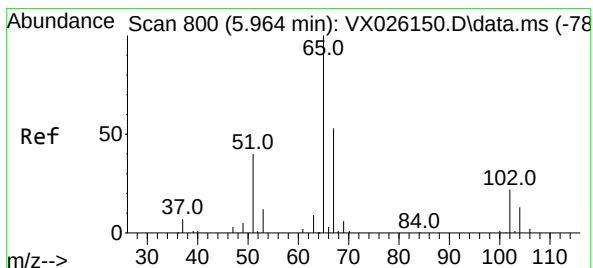
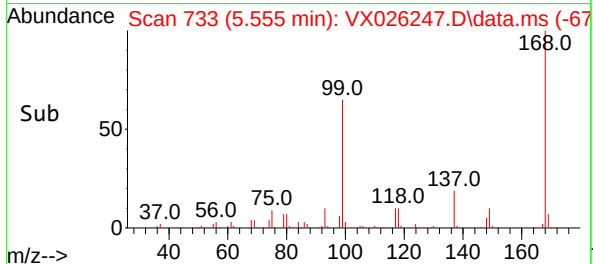
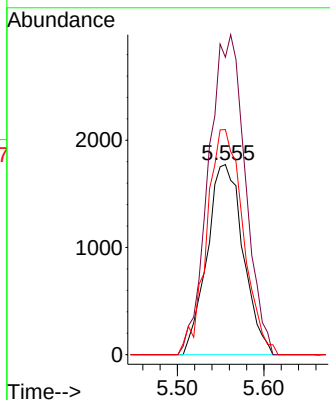
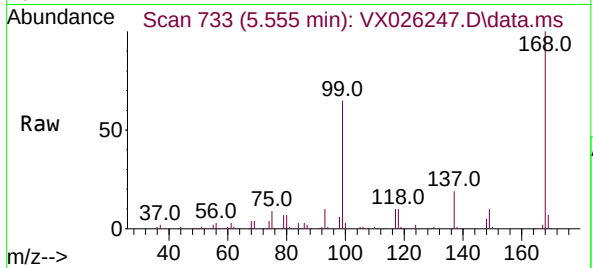




#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.555 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

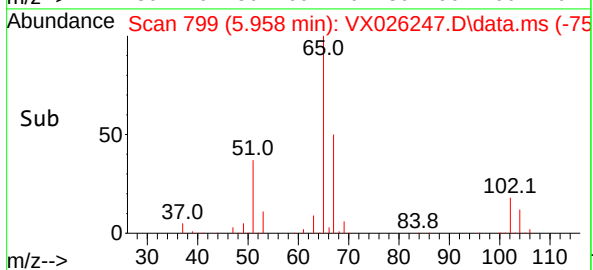
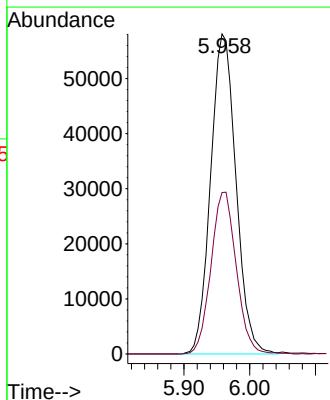
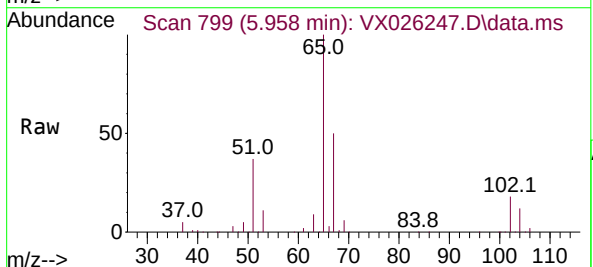
Instrument :
MSVOA_X
ClientSampleId :

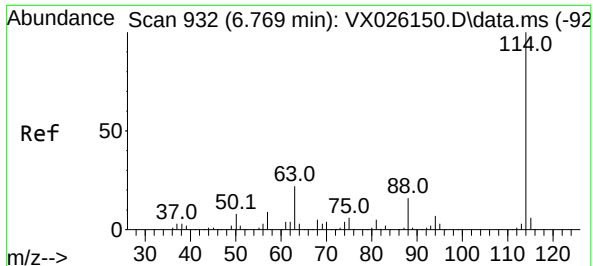
Tgt Ion: 56 Resp: 5129
Ion Ratio Lower Upper
56 100
69 156.4 23.9 35.9#
84 118.4 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 54.280 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Tgt Ion: 65 Resp: 155976
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026247.D

Acq: 04 Jan 2022 02:24

Instrument :

MSVOA_X

ClientSampleId :

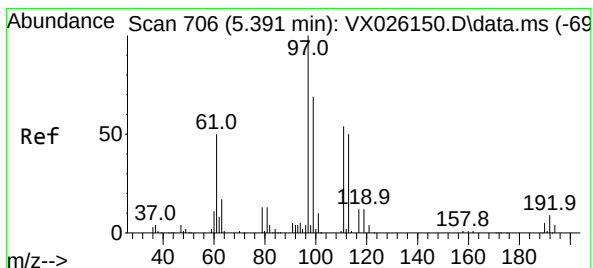
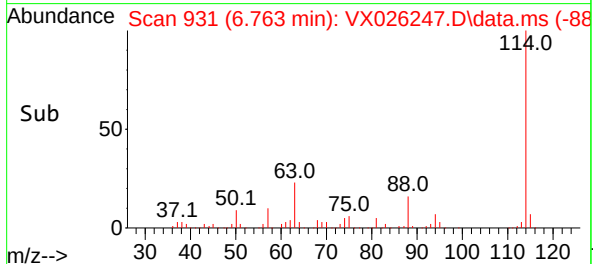
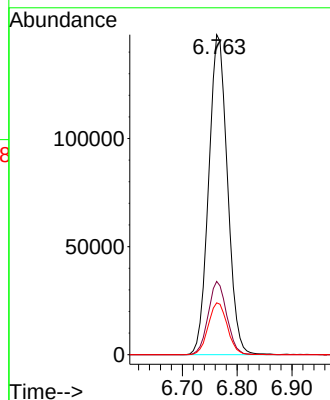
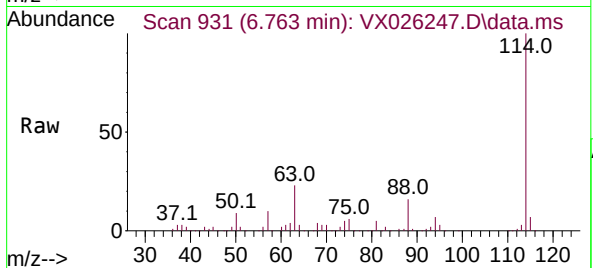
Tgt Ion:114 Resp: 350586

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.891 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026247.D

Acq: 04 Jan 2022 02:24

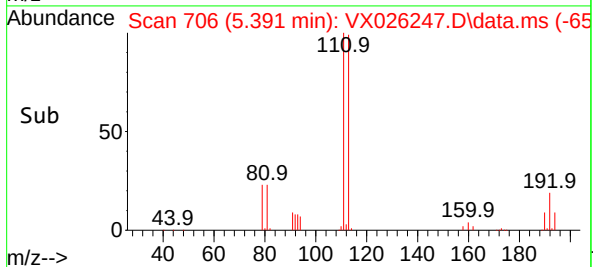
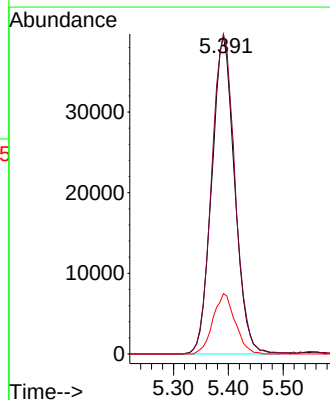
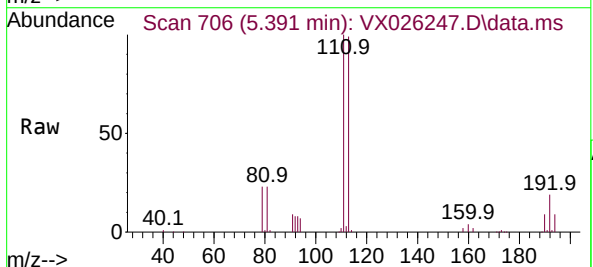
Tgt Ion:113 Resp: 113716

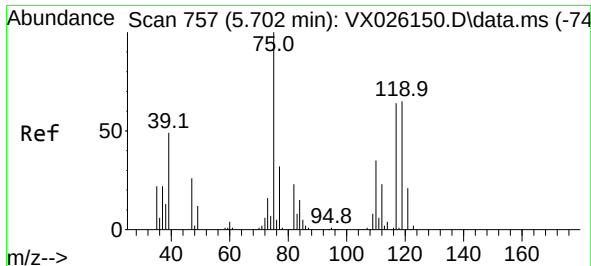
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

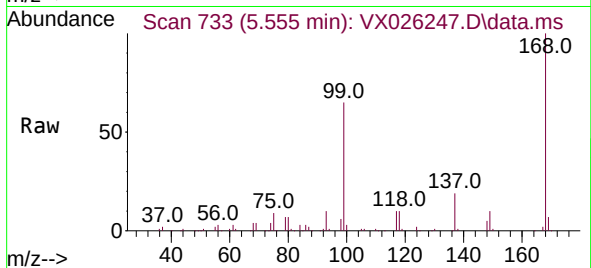
192 18.5 15.0 22.4



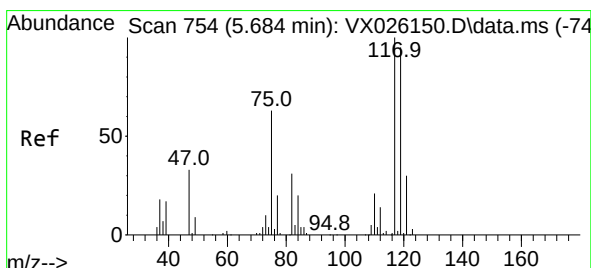
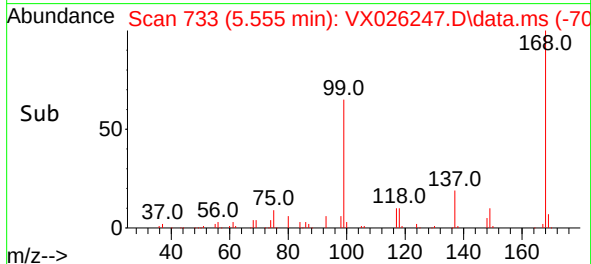
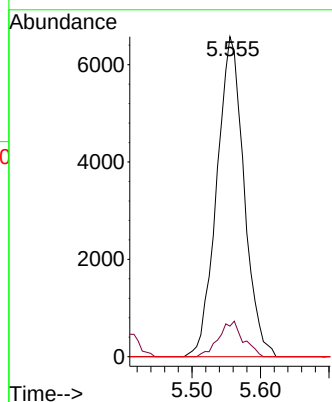


#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.555 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Instrument :
MSVOA_X
ClientSampleId :

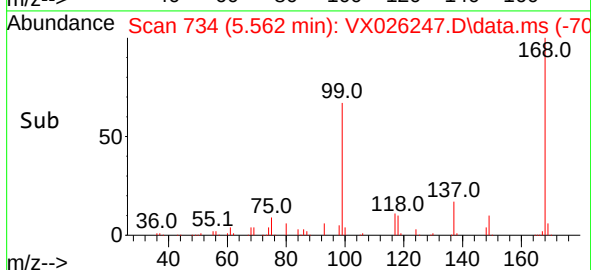
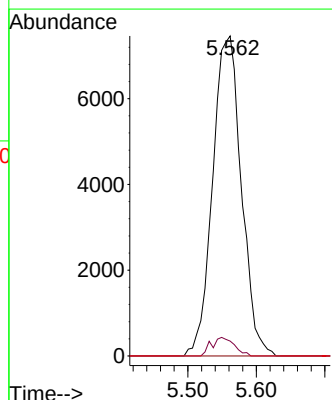
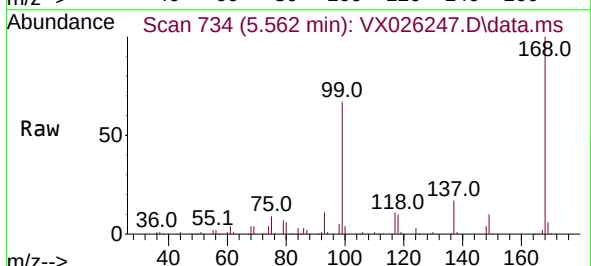


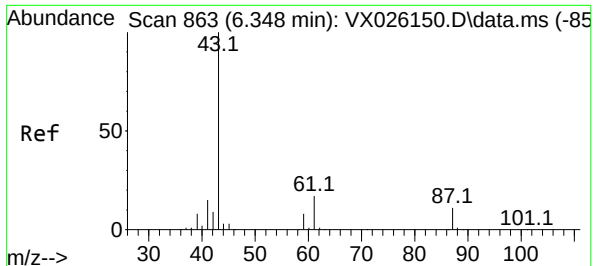
Tgt Ion: 75 Resp: 18137
Ion Ratio Lower Upper
75 100
110 10.0 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Tgt Ion: 117 Resp: 21712
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 23.8 35.8#

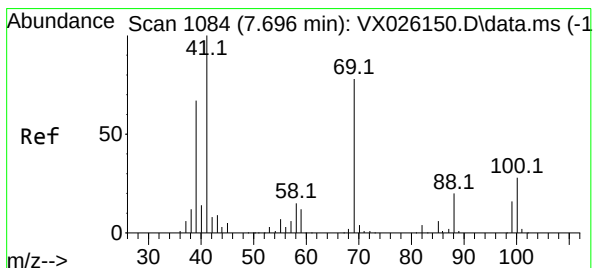
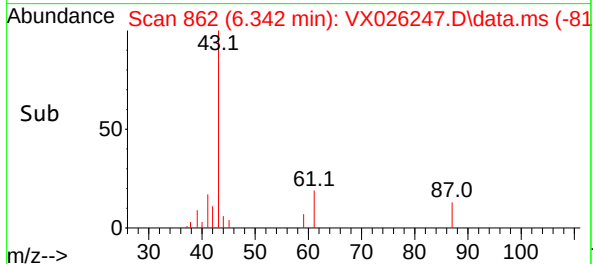
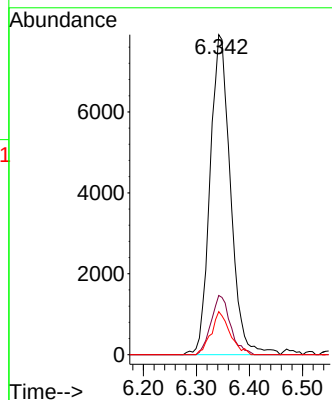
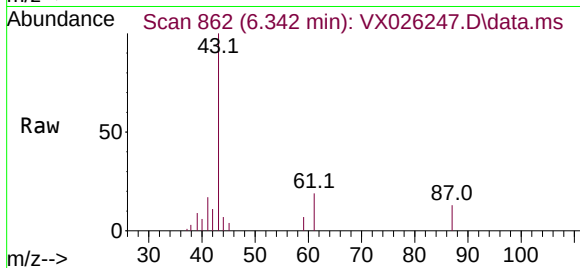




#43
Isopropyl Acetate
Concen: 3.043 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

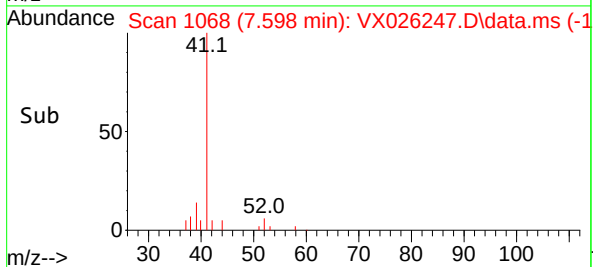
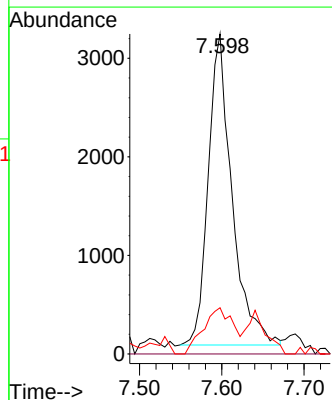
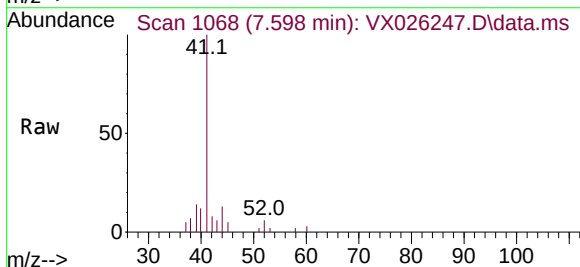
Instrument :
MSVOA_X
ClientSampleId :

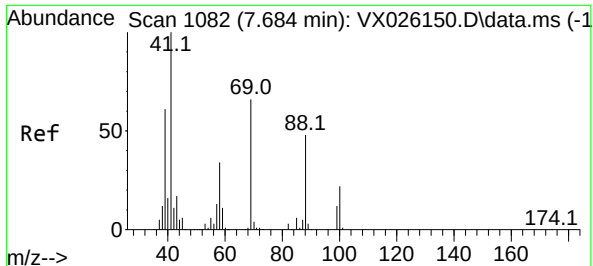
Tgt Ion: 43 Resp: 21138
Ion Ratio Lower Upper
43 100
61 17.5 15.7 23.5
87 12.4 11.2 16.8



#48
Methyl methacrylate
Concen: 1.900 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Tgt Ion: 41 Resp: 6330
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#





#49

1,4-Dioxane

Concen: 1.303 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

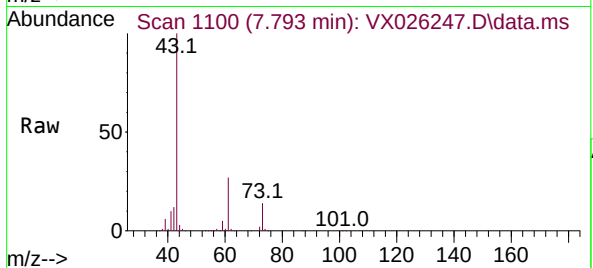
Lab File: VX026247.D

Acq: 04 Jan 2022 02:24

Instrument :

MSVOA_X

ClientSampleId :



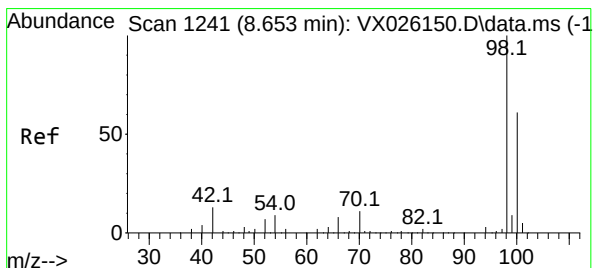
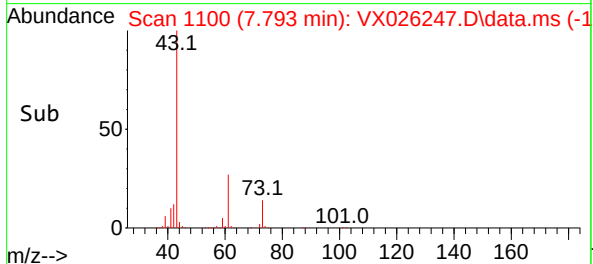
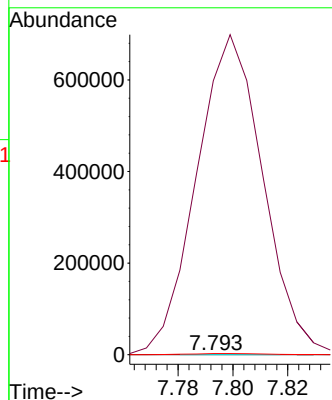
Tgt Ion: 88 Resp: 80

Ion Ratio Lower Upper

88 100

43 1483547.5 25.3 37.9#

58 5787.5 51.8 77.6#



#50

Toluene-d8

Concen: 50.247 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX026247.D

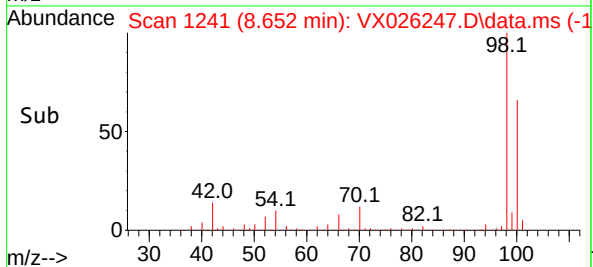
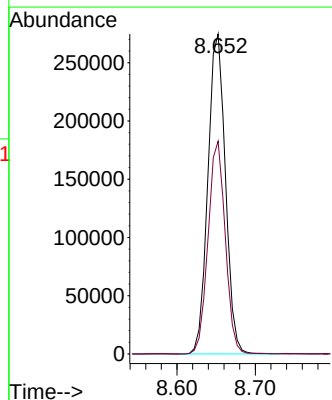
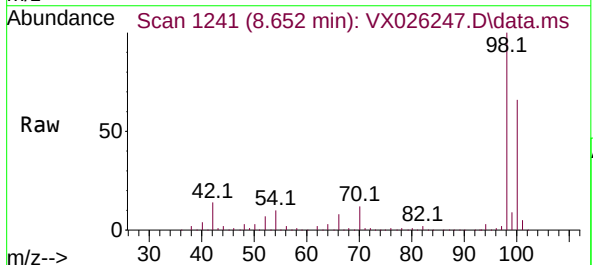
Acq: 04 Jan 2022 02:24

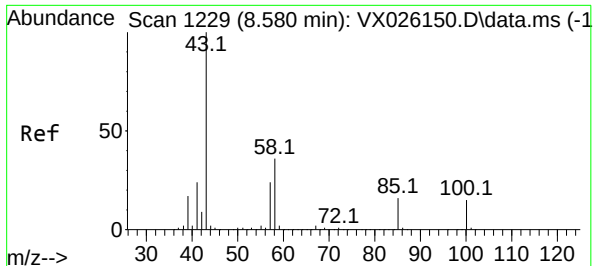
Tgt Ion: 98 Resp: 425993

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

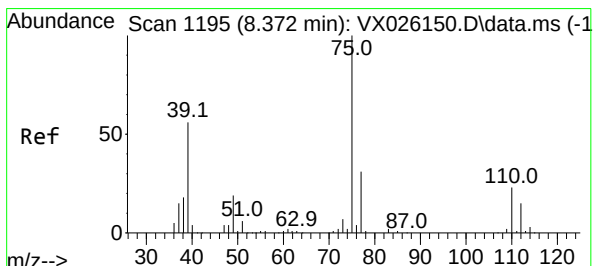
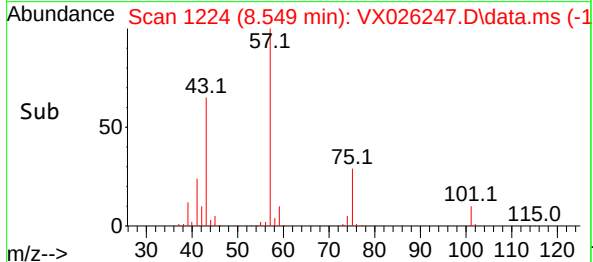
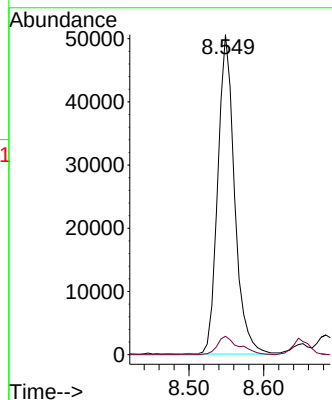
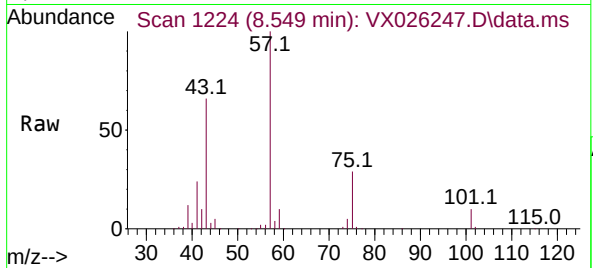




#51
4-Methyl-2-Pentanone
Concen: 18.265 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

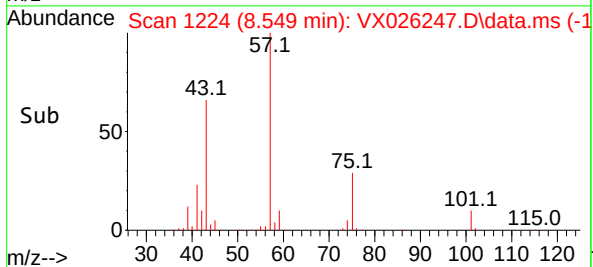
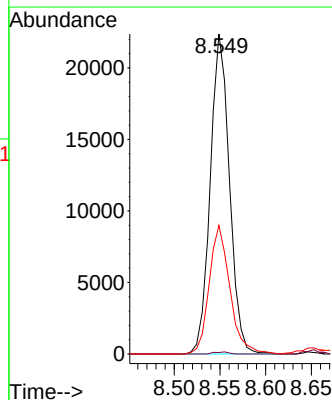
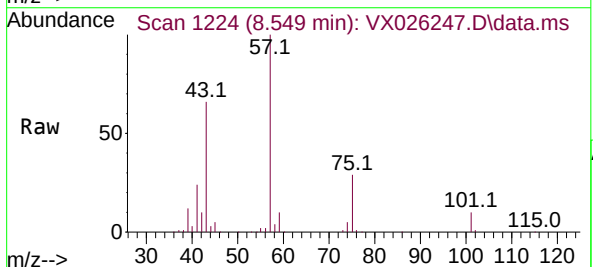
Instrument :
MSVOA_X
ClientSampleId :

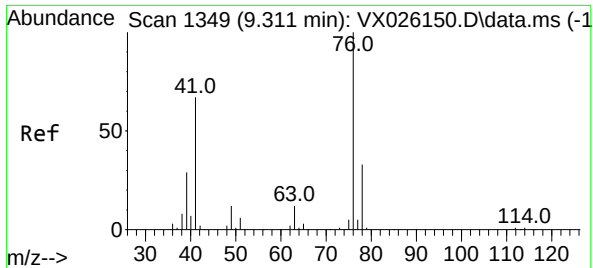
Tgt Ion: 43 Resp: 78964
Ion Ratio Lower Upper
43 100
58 7.4 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.626 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Tgt Ion: 75 Resp: 32643
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 40.2 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.354 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026247.D

Acq: 04 Jan 2022 02:24

Instrument :

MSVOA_X

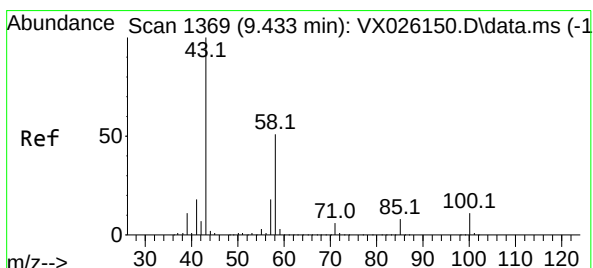
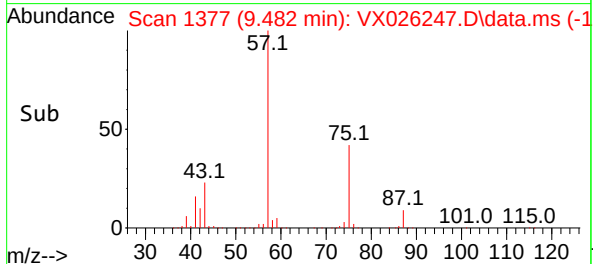
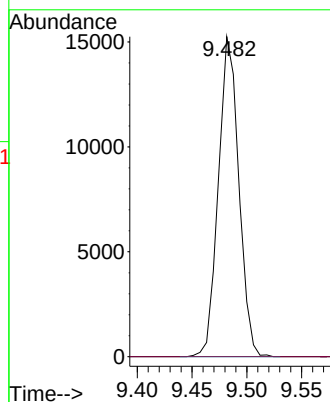
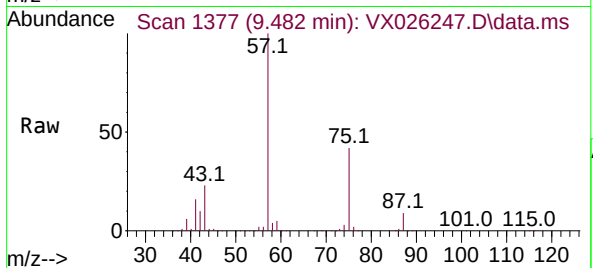
ClientSampleId :

Tgt Ion: 76 Resp: 19800

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 3.055 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026247.D

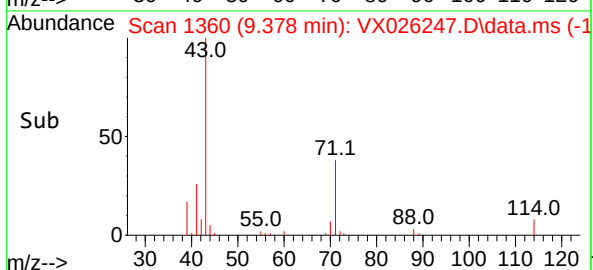
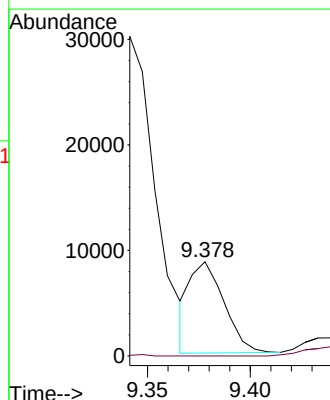
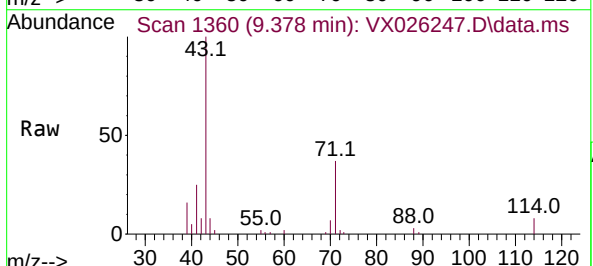
Acq: 04 Jan 2022 02:24

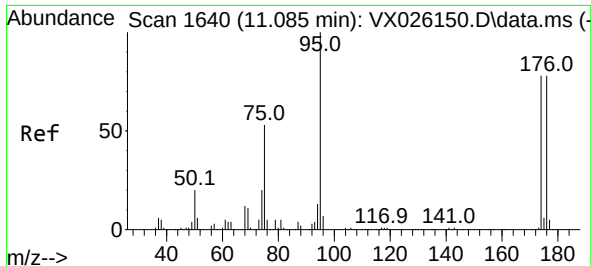
Tgt Ion: 43 Resp: 10003

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

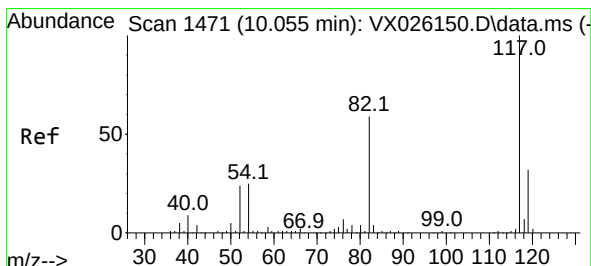
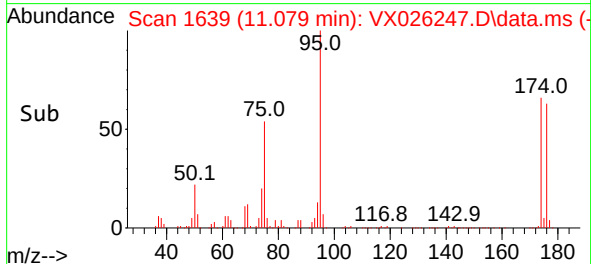
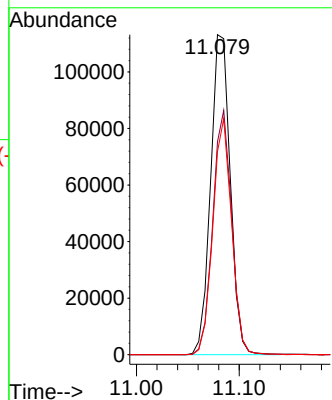
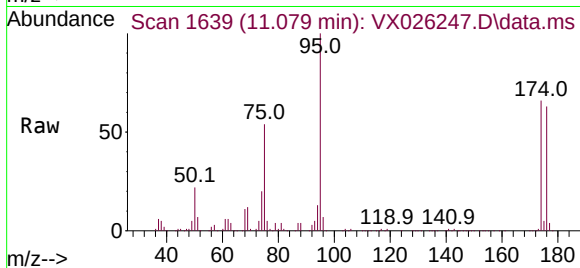




#62
4-Bromofluorobenzene
Concen: 49.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

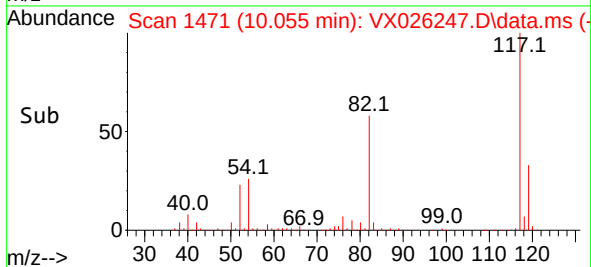
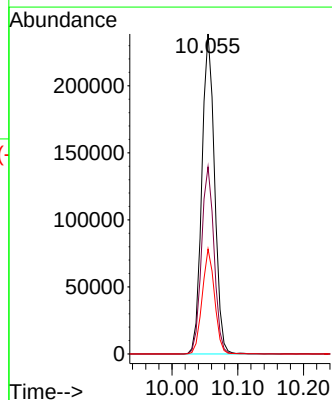
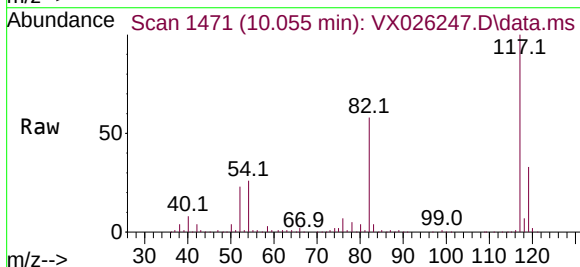
Instrument :
MSVOA_X
ClientSampleId :

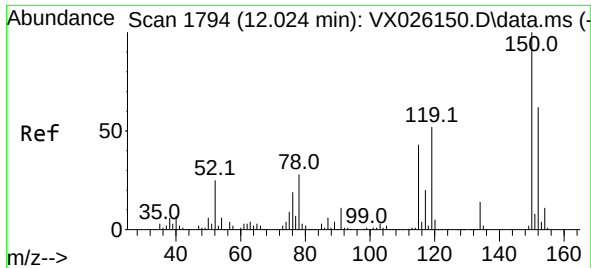
Tgt Ion: 95 Resp: 150334
Ion Ratio Lower Upper
95 100
174 73.4 0.0 157.4
176 70.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

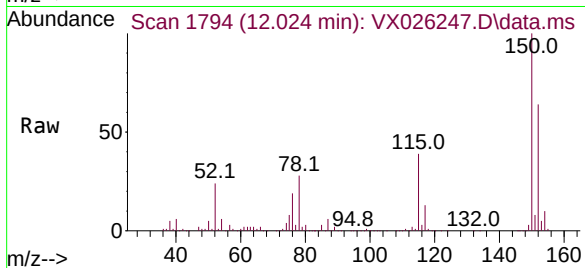
Tgt Ion: 117 Resp: 320694
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.8 25.2 37.8



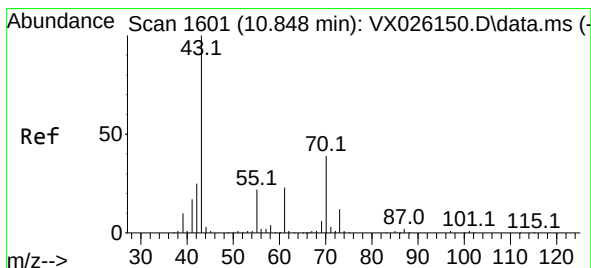
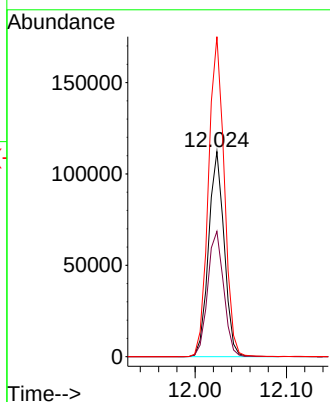
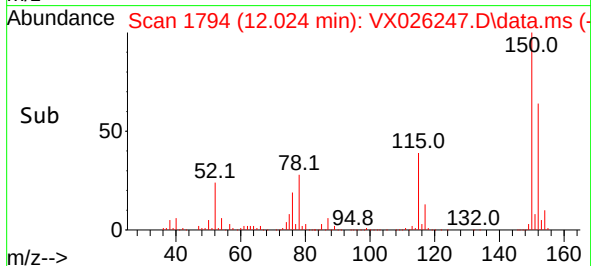


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026247.D
 Acq: 04 Jan 2022 02:24

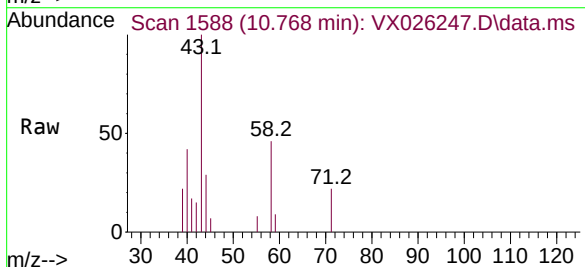
Instrument :
 MSVOA_X
 ClientSampleId :



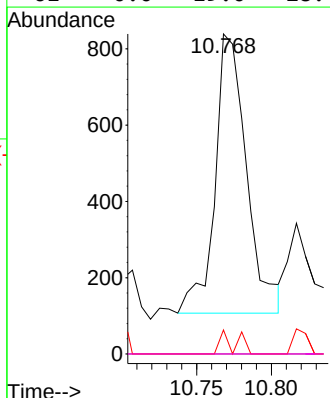
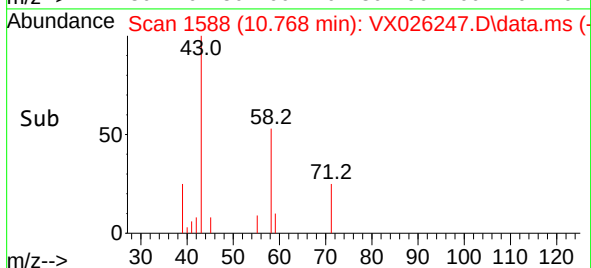
Tgt Ion:152 Resp: 132484
 Ion Ratio Lower Upper
 152 100
 115 62.9 41.3 123.9
 150 158.1 0.0 351.8

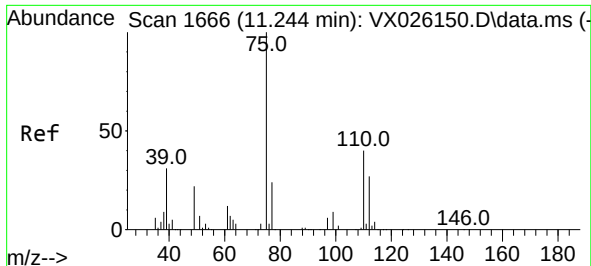


#74
 N-ethyl acetate
 Concen: 0.227 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.080 min
 Lab File: VX026247.D
 Acq: 04 Jan 2022 02:24



Tgt Ion: 43 Resp: 1074
 Ion Ratio Lower Upper
 43 100
 70 0.0 34.1 51.1#
 55 4.1 19.2 28.8#
 61 0.0 19.0 28.4#

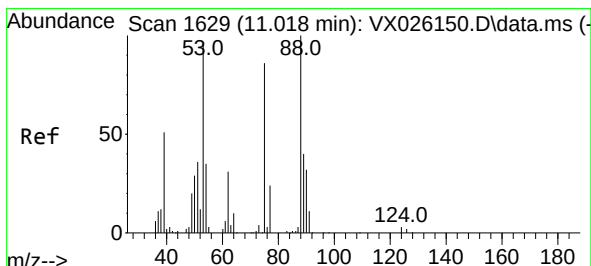
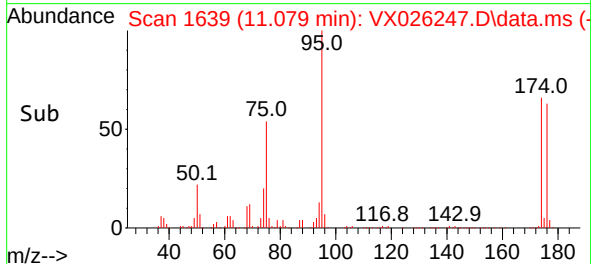
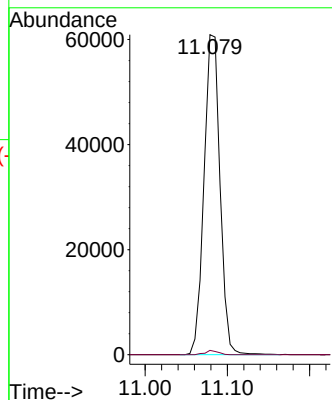
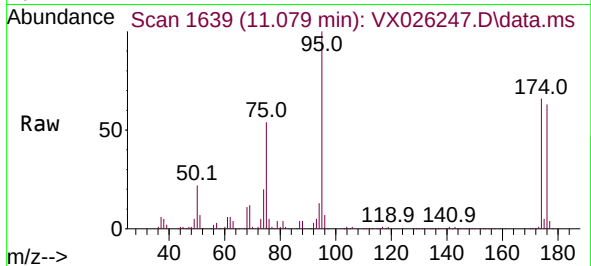




#76
1,2,3-Trichloropropane
Concen: 25.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82305
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026247.D
Acq: 04 Jan 2022 02:24

Tgt Ion: 75 Resp: 82305
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

