

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026242.D
 Acq On : 04 Jan 2022 00:28
 Operator : JC/MD
 Sample : PB141783TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 07:58:26 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)

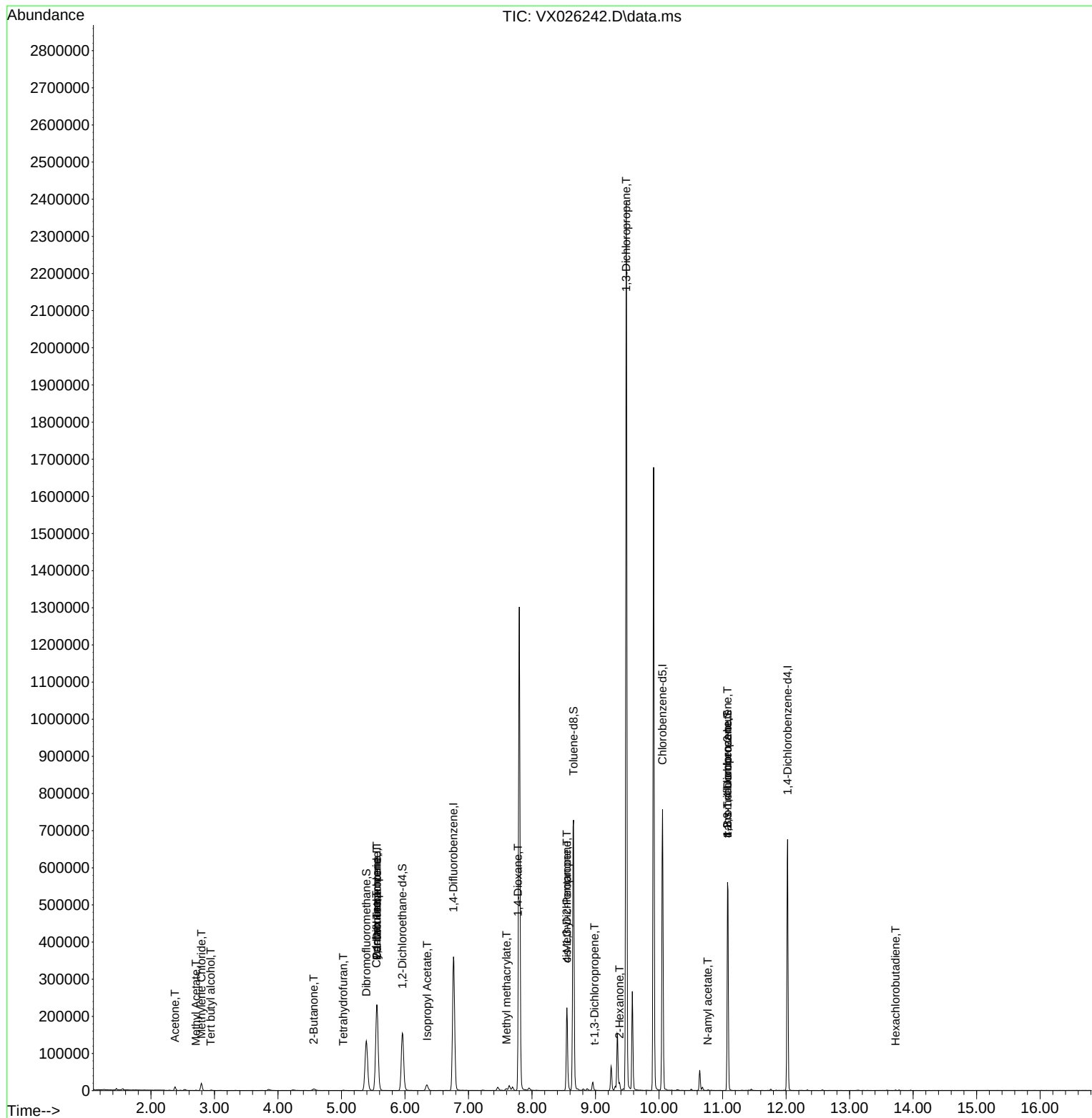
Internal Standards						
1) Pentafluorobenzene	5.556	168	203362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	349721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156544	53.209	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.420%			
35) Dibromofluoromethane	5.391	113	114769	50.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.653	98	422099	49.911	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.820%			
62) 4-Bromofluorobenzene	11.079	95	148121	49.199	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.400%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	1171	1.993	ug/l #	73
16) Acetone	2.380	43	10214	6.408	ug/l	94
18) Methyl Acetate	2.709	43	1136	0.220	ug/l #	81
20) Methylene Chloride	2.794	84	7928	2.207	ug/l	87
25) 2-Butanone	4.562	43	5346	2.408	ug/l #	78
29) Tetrahydrofuran	5.025	42	614	0.439	ug/l #	83
31) Cyclohexane	5.550	56	5216	1.245	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	18027	4.916	ug/l #	49
38) Carbon Tetrachloride	5.556	117	22690	5.562	ug/l #	14
43) Isopropyl Acetate	6.348	43	21235	3.064	ug/l	96
48) Methyl methacrylate	7.598	41	6181	1.860	ug/l #	12
49) 1,4-Dioxane	7.781	88	106	1.731	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	79706	18.482	ug/l #	49
53) t-1,3-Dichloropropene	8.982	75	117	1.919	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32538	7.620	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	19446	4.287	ug/l #	43
59) 2-Hexanone	9.378	43	10234	3.133	ug/l #	25
74) N-amyl acetate	10.768	43	1227	0.266	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	81214	25.991	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	81214	75.193	ug/l #	10
94) Hexachlorobutadiene	13.725	225	278	0.244	ug/l	72

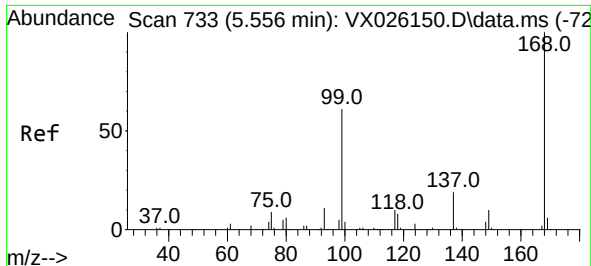
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
Data File : VX026242.D
Acq On : 04 Jan 2022 00:28
Operator : JC/MD
Sample : PB141783TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 04 07:58:26 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

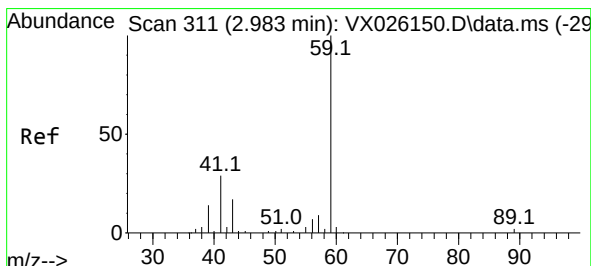
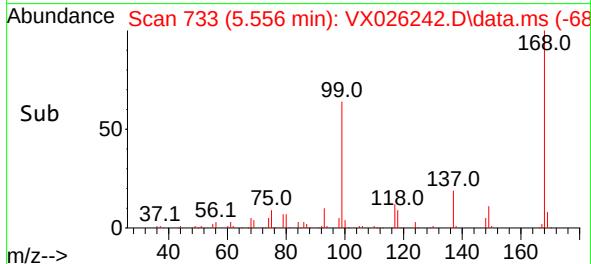
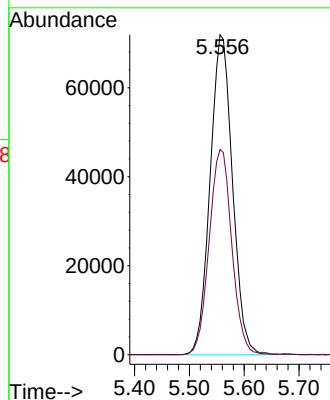
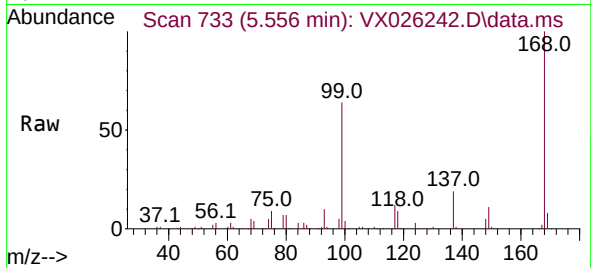




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

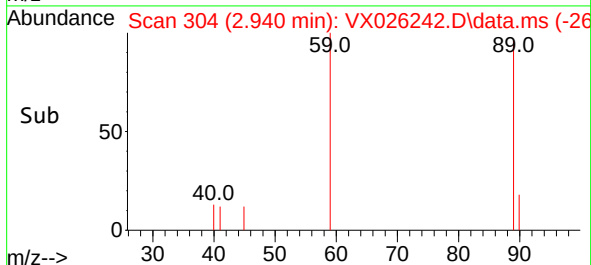
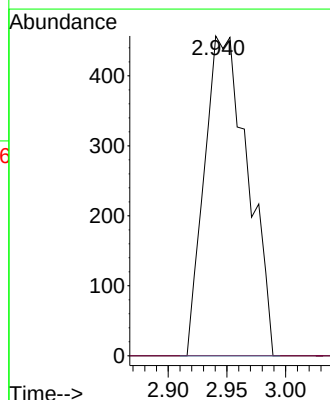
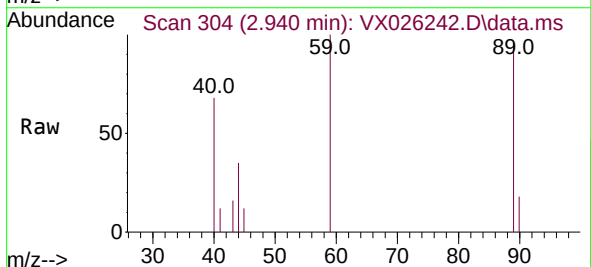
Instrument :
MSVOA_X
ClientSampleId :

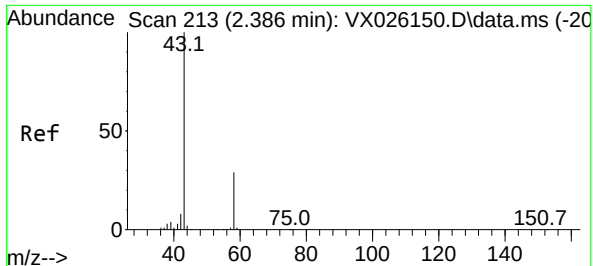
Tgt Ion:168 Resp: 203362
Ion Ratio Lower Upper
168 100
99 64.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.993 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

Tgt Ion: 59 Resp: 1171
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

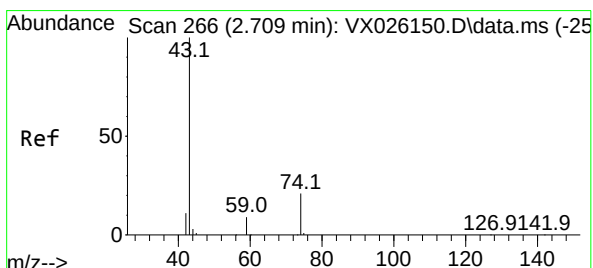
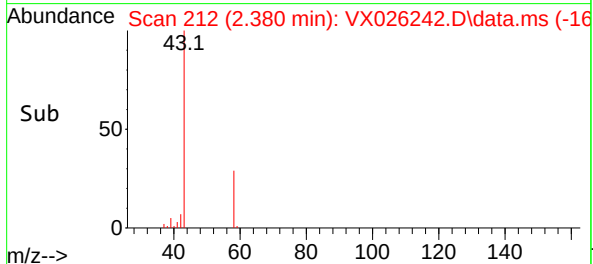
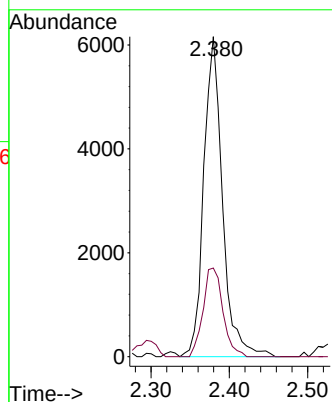
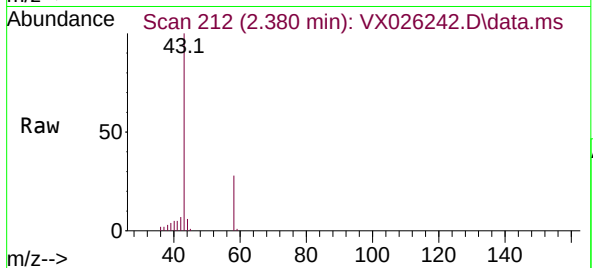




#16
Acetone
Concen: 6.408 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

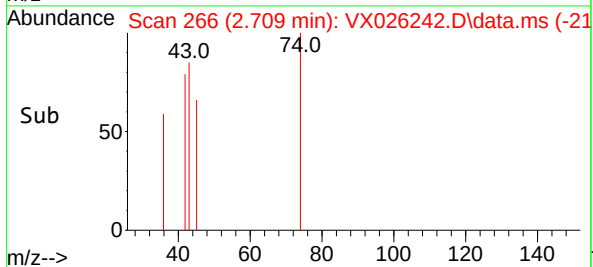
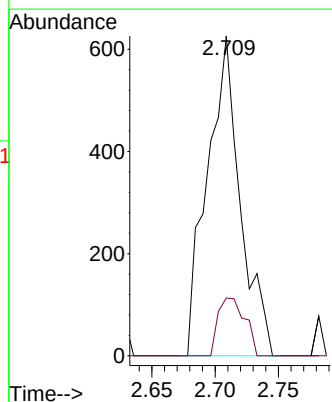
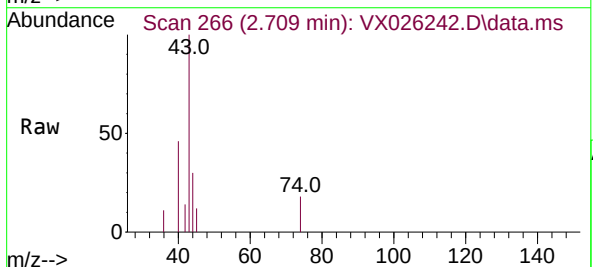
Instrument :
MSVOA_X
ClientSampleId :

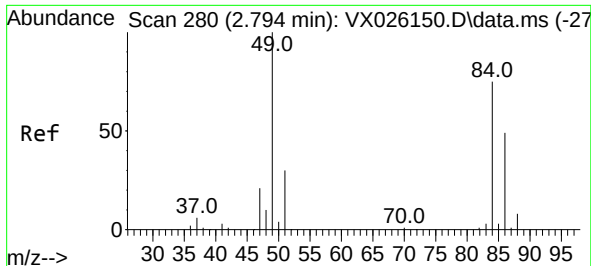
Tgt Ion: 43 Resp: 10214
Ion Ratio Lower Upper
43 100
58 27.7 24.8 37.2



#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
74 14.7 19.1 28.7#





#20

Methylene Chloride

Concen: 2.207 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

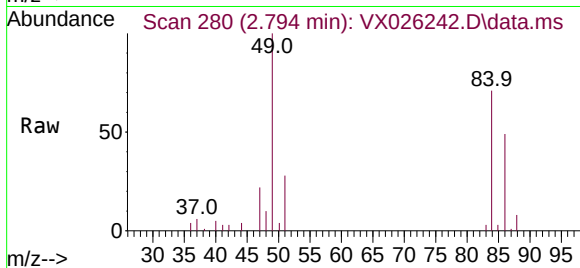
Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 7928

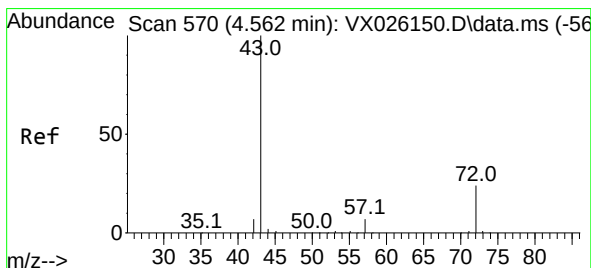
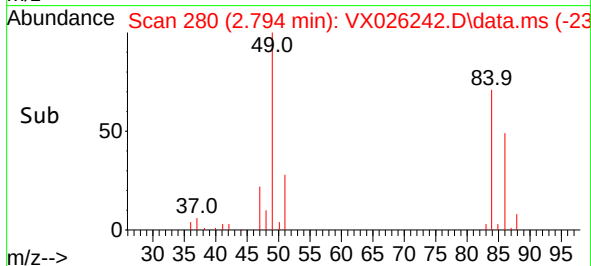
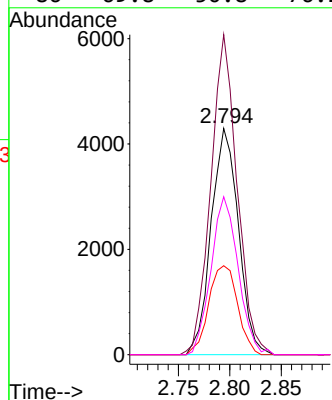
Ion Ratio Lower Upper

84 100

49 141.4 97.1 145.7

51 39.3 29.3 43.9

86 69.8 50.8 76.2



#25

2-Butanone

Concen: 2.408 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX026242.D

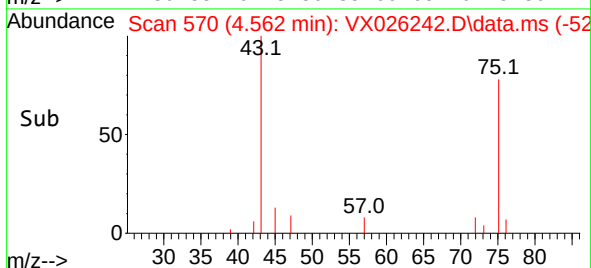
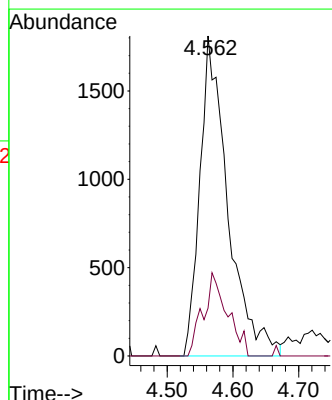
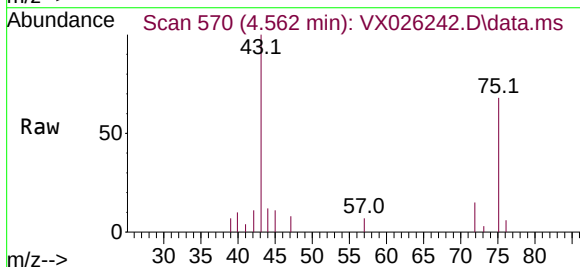
Acq: 04 Jan 2022 00:28

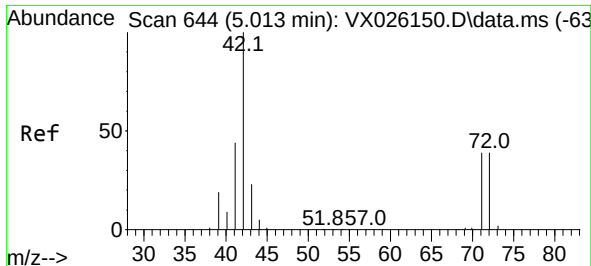
Tgt Ion: 43 Resp: 5346

Ion Ratio Lower Upper

43 100

72 15.0 21.0 31.4#





#29

Tetrahydrofuran

Concen: 0.439 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX026242.D

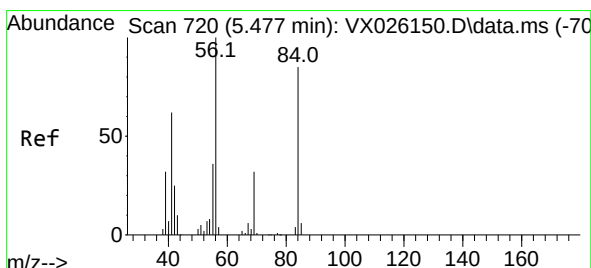
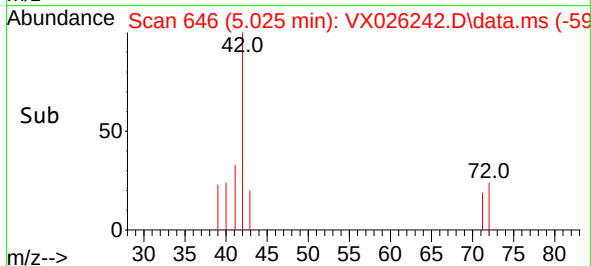
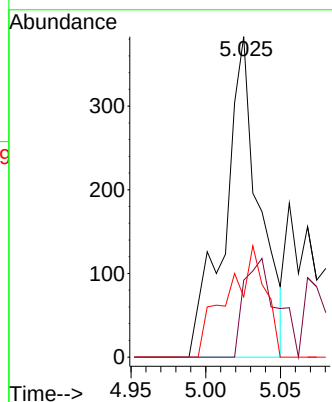
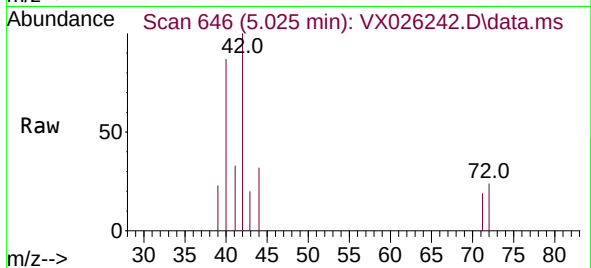
Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	614
Ion	Ratio	Lower	Upper
42	100		
72	29.2	37.0	55.6#
71	38.4	34.1	51.1



#31

Cyclohexane

Concen: 1.245 ug/l

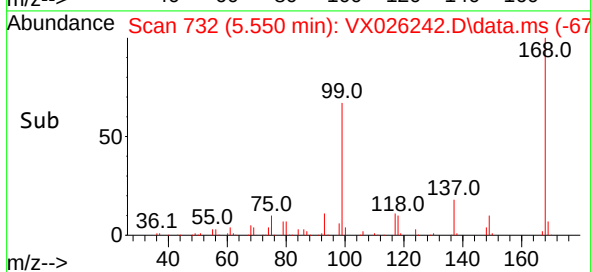
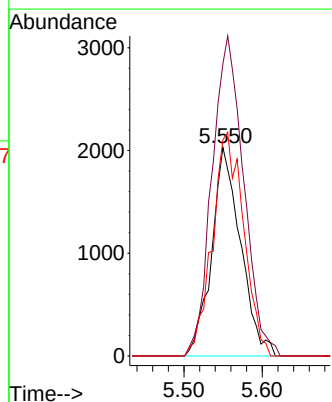
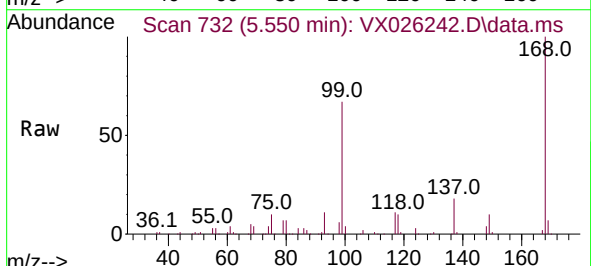
RT: 5.550 min Scan# 732

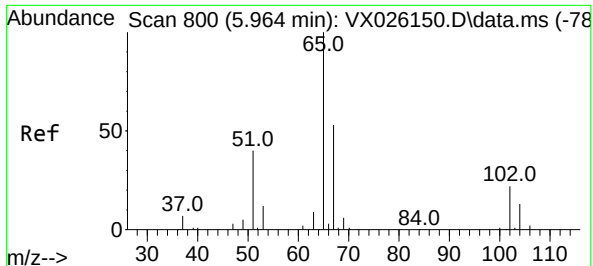
Delta R.T. 0.073 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Tgt Ion:	56	Resp:	5216
Ion	Ratio	Lower	Upper
56	100		
69	140.2	23.9	35.9#
84	103.7	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 53.209 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

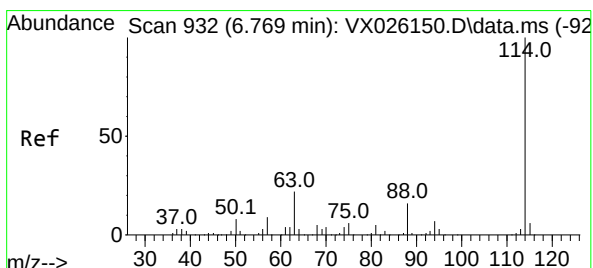
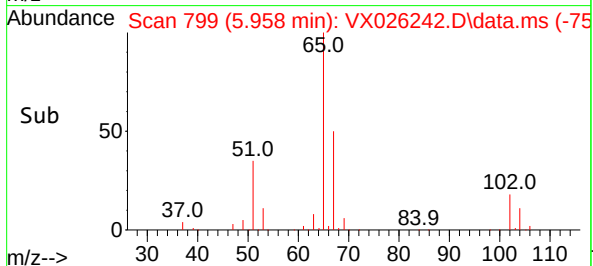
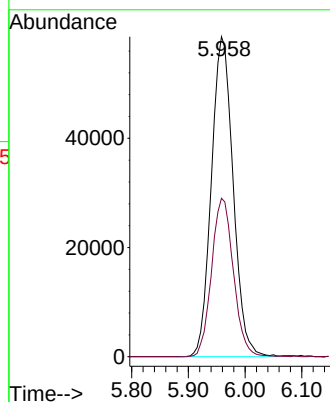
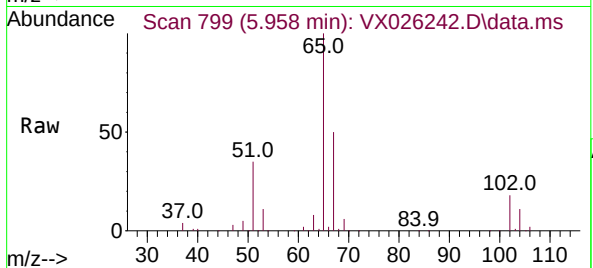
ClientSampleId :

Tgt Ion: 65 Resp: 156544

Ion Ratio Lower Upper

65 100

67 49.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

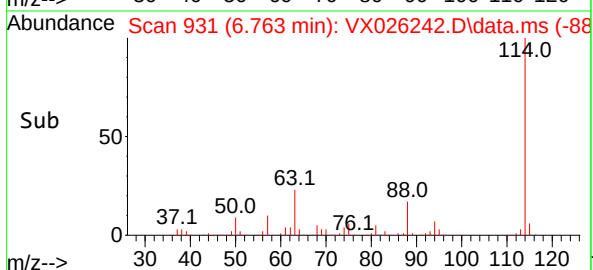
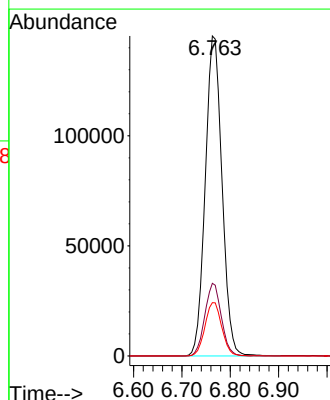
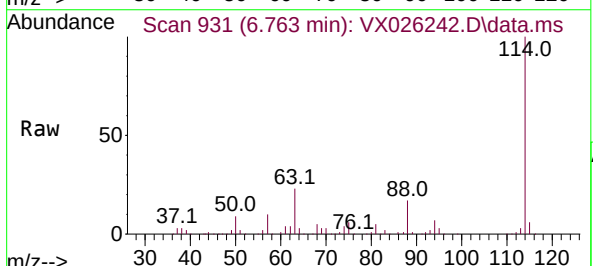
Tgt Ion: 114 Resp: 349721

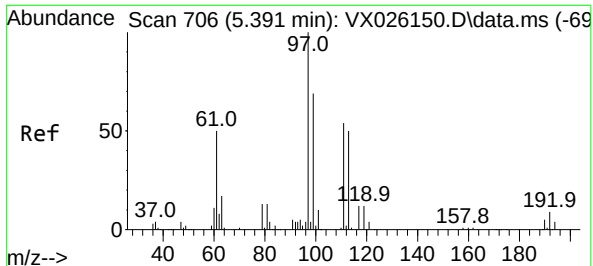
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.478 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

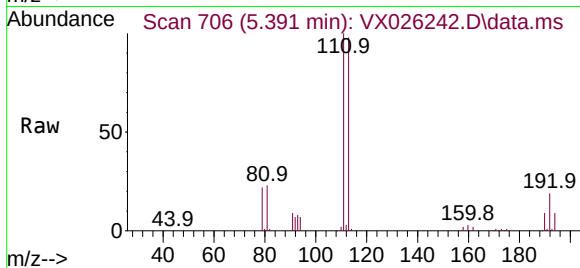
Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :



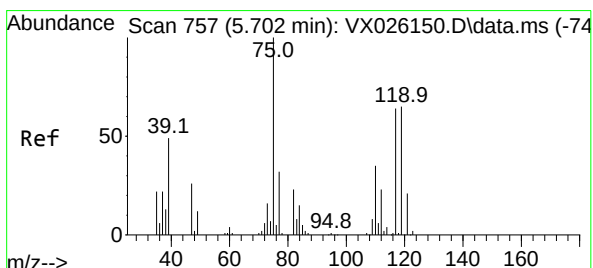
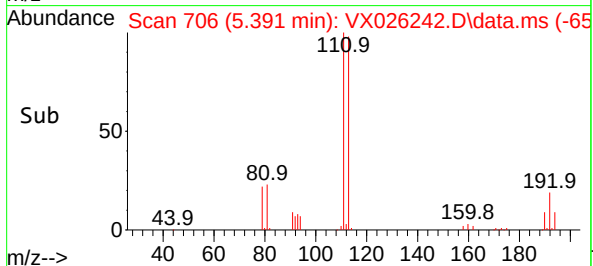
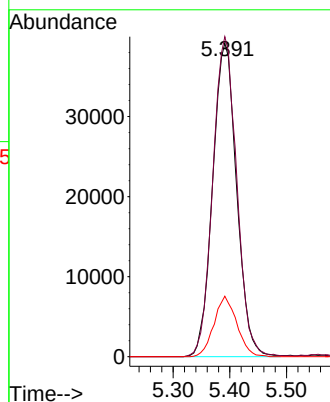
Tgt Ion:113 Resp: 114769

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

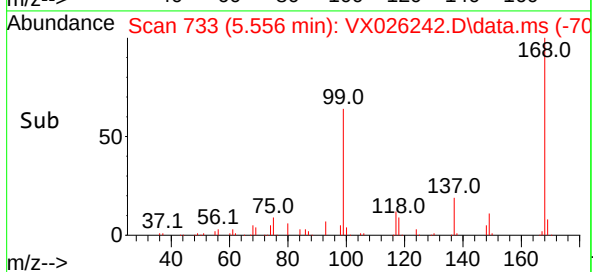
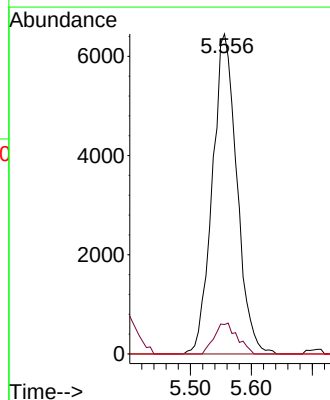
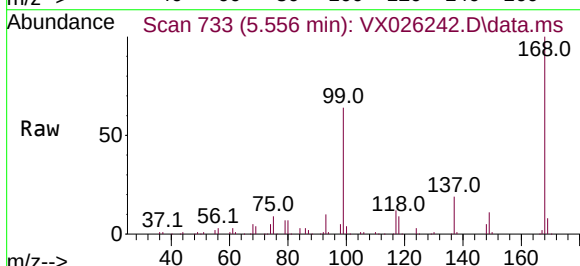
Tgt Ion: 75 Resp: 18027

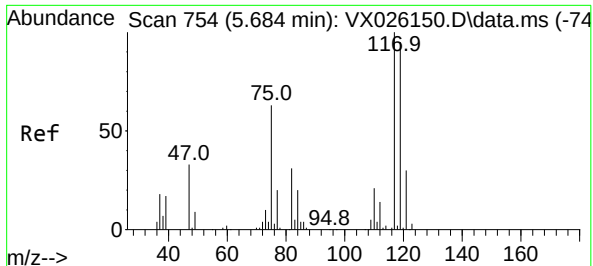
Ion Ratio Lower Upper

75 100

110 9.0 18.2 54.6#

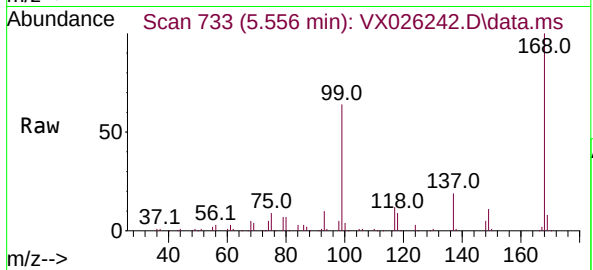
77 0.0 24.7 37.1#



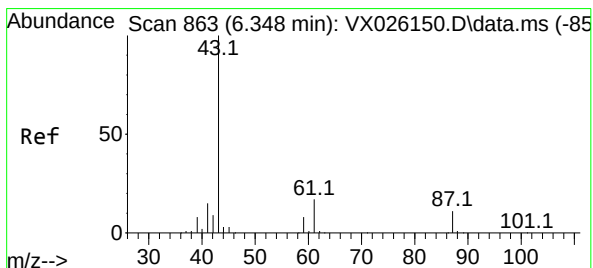
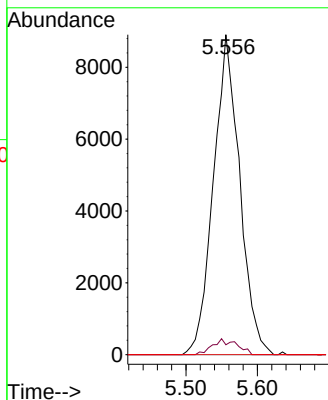
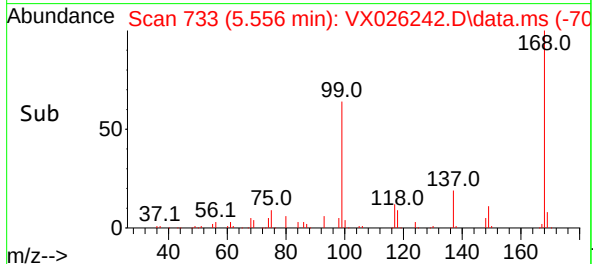


#38
Carbon Tetrachloride
Concen: 5.562 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

Instrument :
MSVOA_X
ClientSampleId :

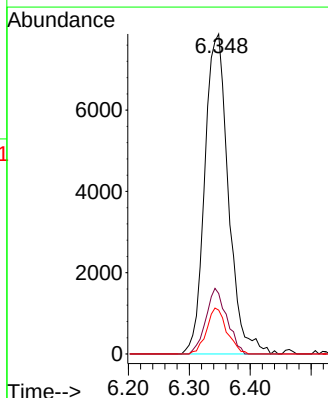
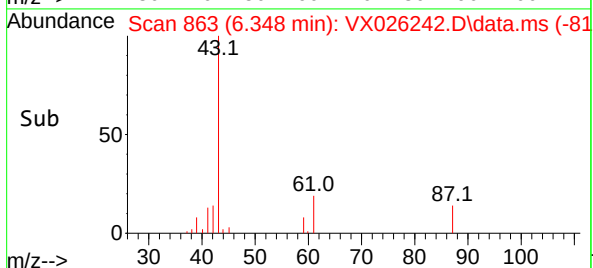
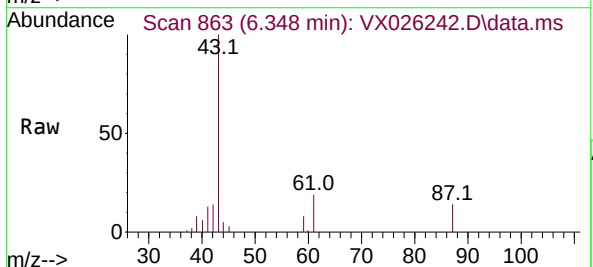


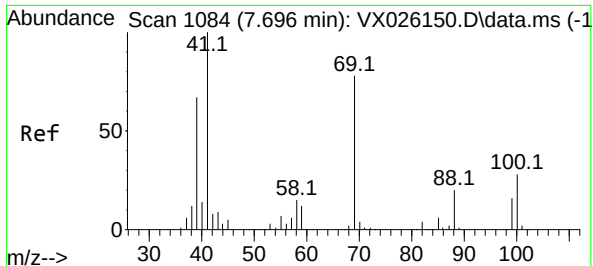
Tgt Ion:117 Resp: 22690
Ion Ratio Lower Upper
117 100
119 3.1 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.064 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

Tgt Ion: 43 Resp: 21235
Ion Ratio Lower Upper
43 100
61 18.1 15.7 23.5
87 12.2 11.2 16.8





#48

Methyl methacrylate

Concen: 1.860 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :

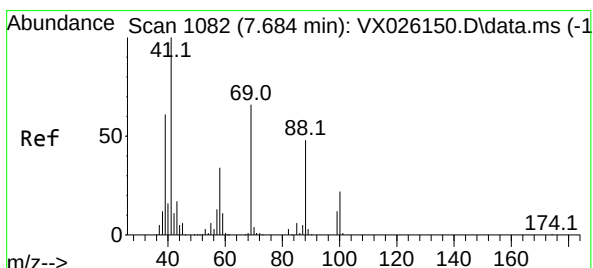
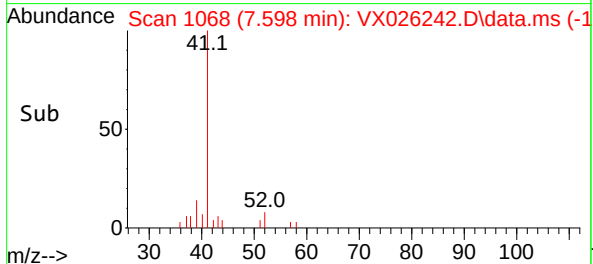
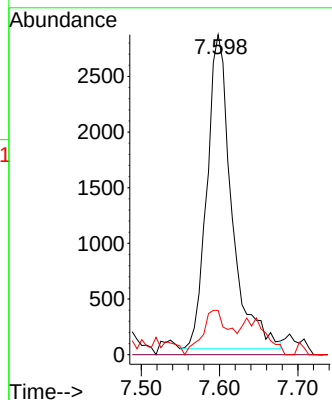
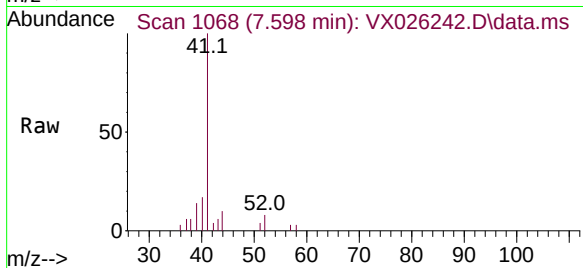
Tgt Ion: 41 Resp: 6181

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: 1.731 ug/l

RT: 7.781 min Scan# 1098

Delta R.T. 0.097 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

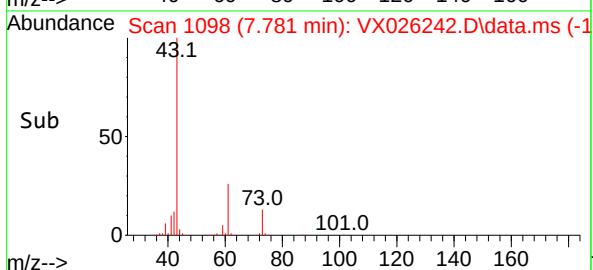
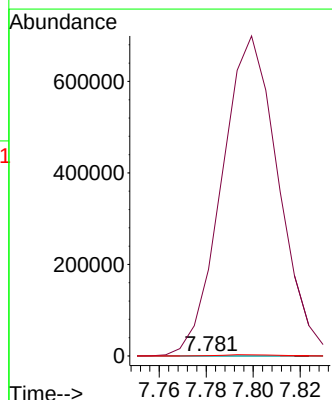
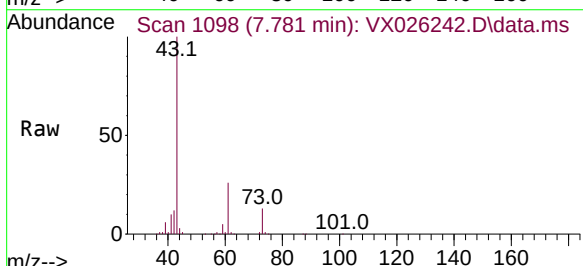
Tgt Ion: 88 Resp: 106

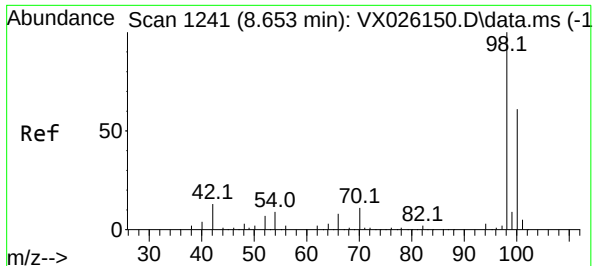
Ion Ratio Lower Upper

88 100

43 1118994.3 25.3 37.9#

58 4385.8 51.8 77.6#

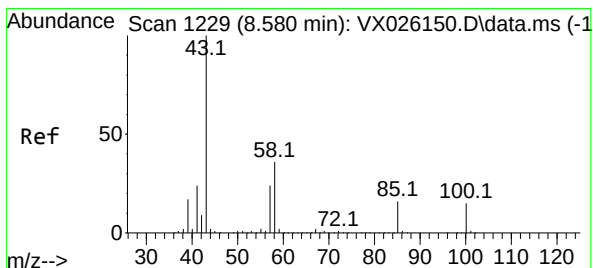
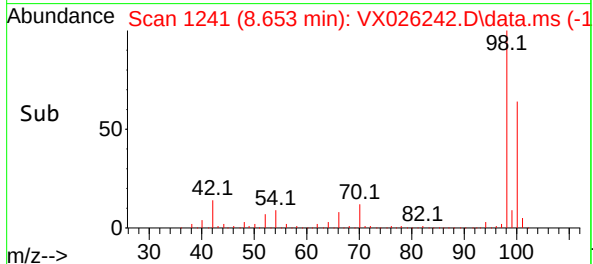
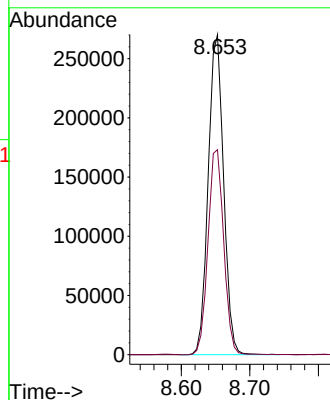
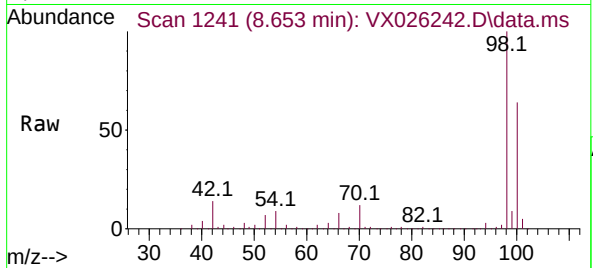




#50
Toluene-d8
Concen: 49.911 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

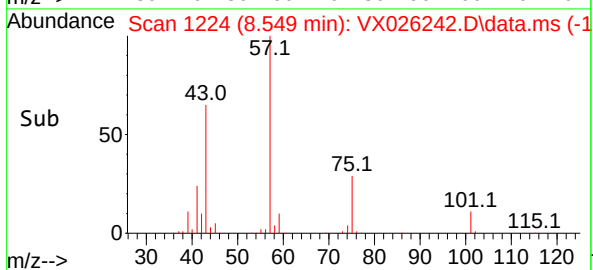
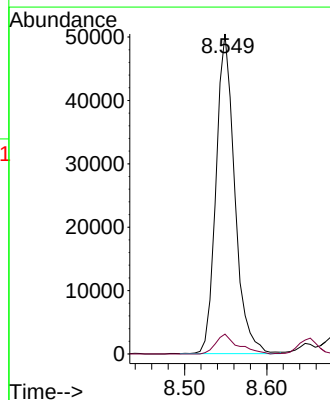
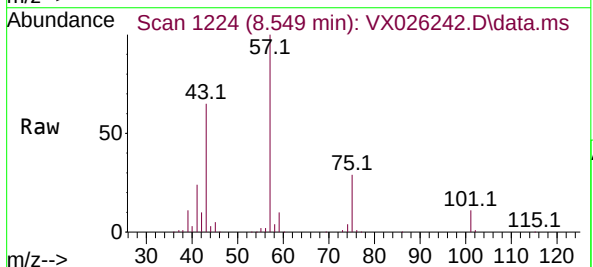
Instrument :
MSVOA_X
ClientSampleId :

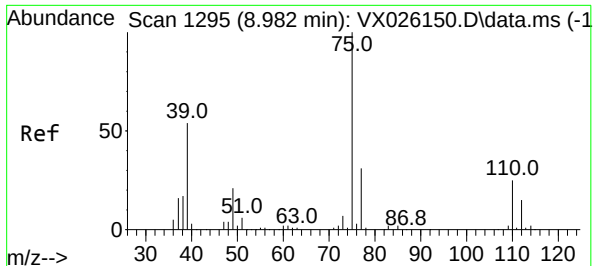
Tgt Ion: 98 Resp: 422099
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 18.482 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

Tgt Ion: 43 Resp: 79706
Ion Ratio Lower Upper
43 100
58 7.4 30.8 46.2#





#53

t-1,3-Dichloropropene

Concen: 1.919 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

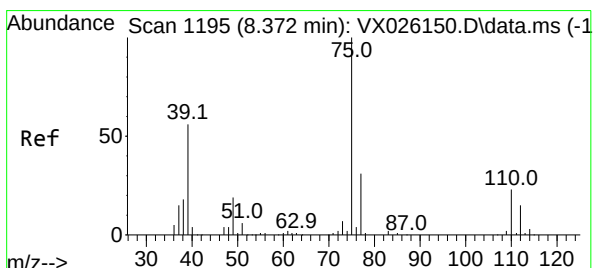
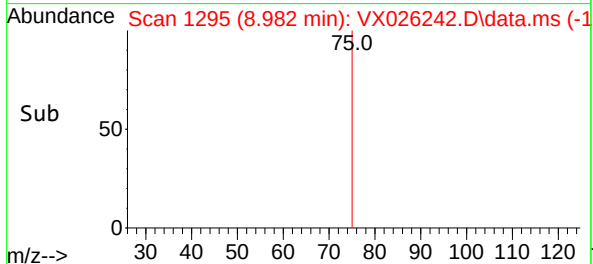
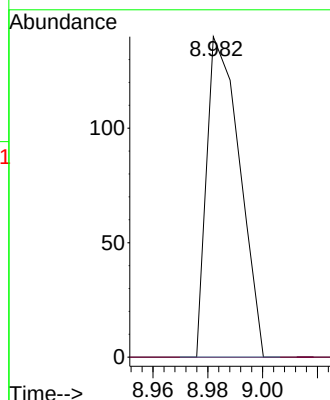
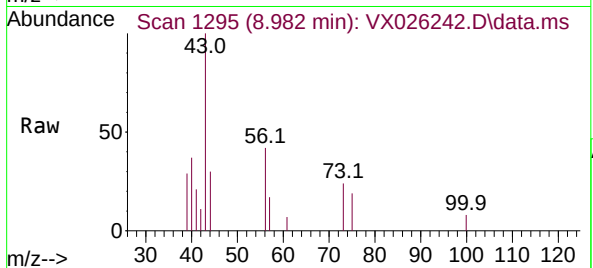
ClientSampleId :

Tgt Ion: 75 Resp: 117

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 7.620 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

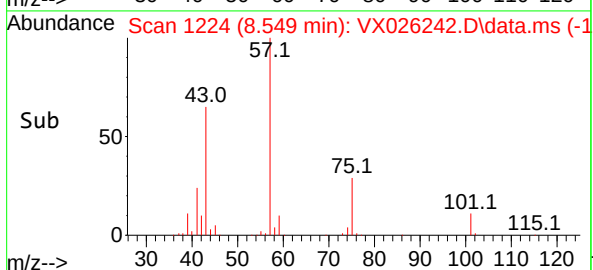
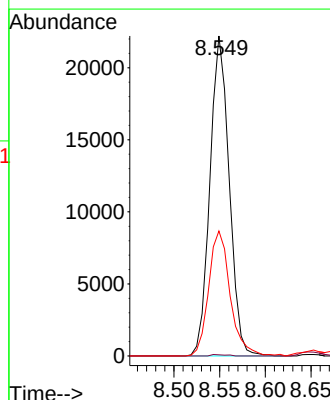
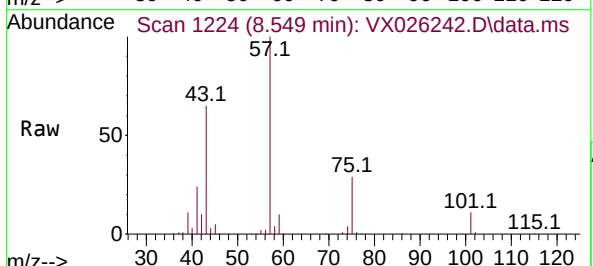
Tgt Ion: 75 Resp: 32538

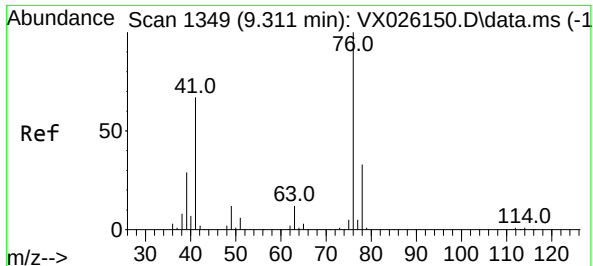
Ion Ratio Lower Upper

75 100

77 0.3 25.3 37.9#

39 39.0 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.287 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

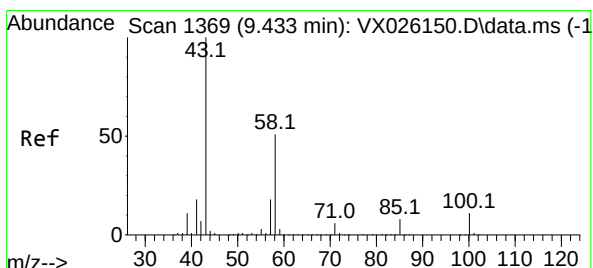
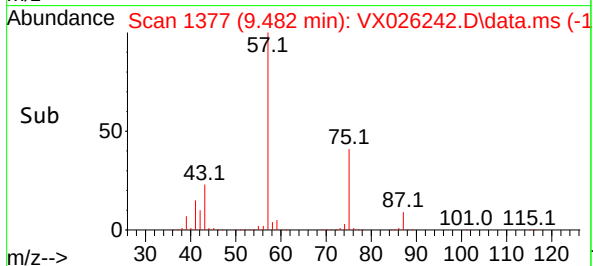
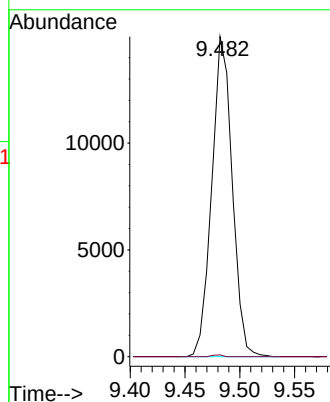
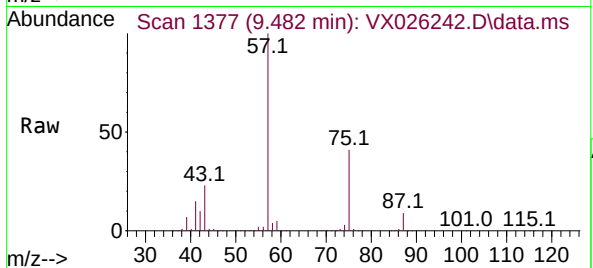
ClientSampleId :

Tgt Ion: 76 Resp: 19446

Ion Ratio Lower Upper

76 100

78 0.3 26.0 39.0#



#59

2-Hexanone

Concen: 3.133 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026242.D

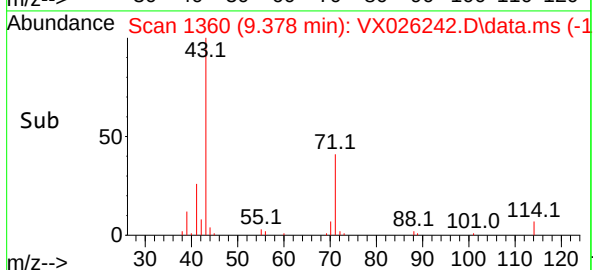
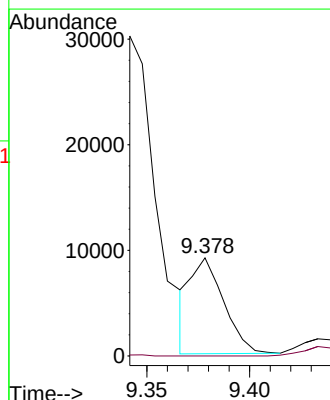
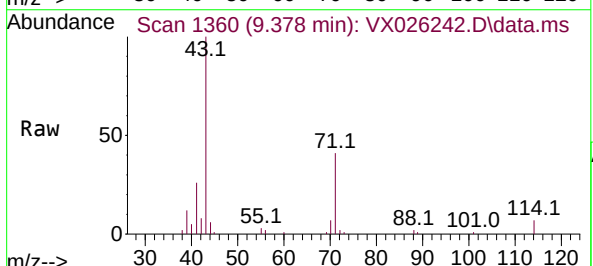
Acq: 04 Jan 2022 00:28

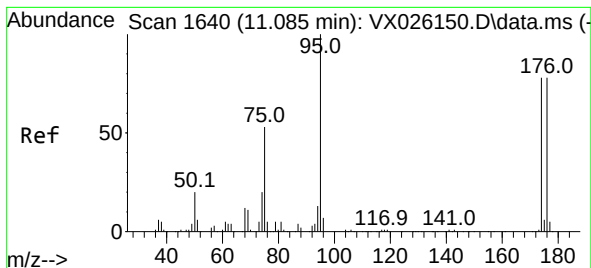
Tgt Ion: 43 Resp: 10234

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

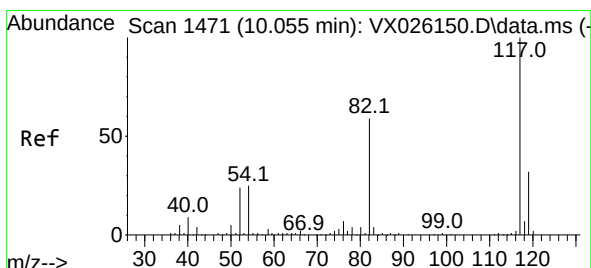
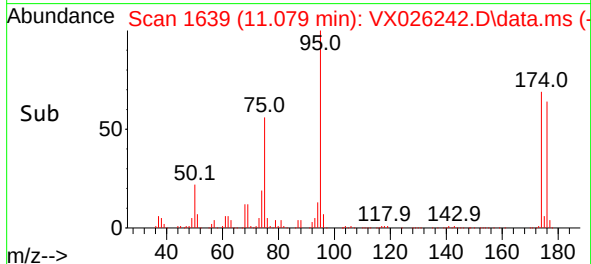
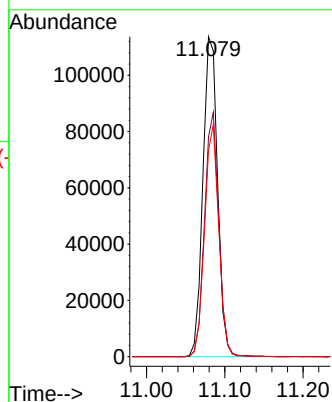
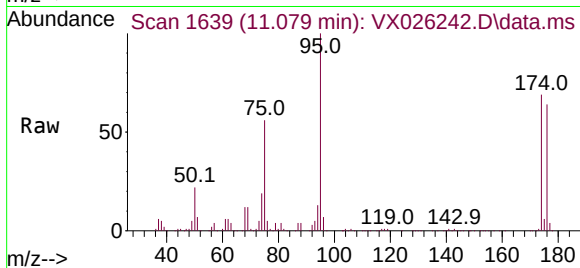




#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

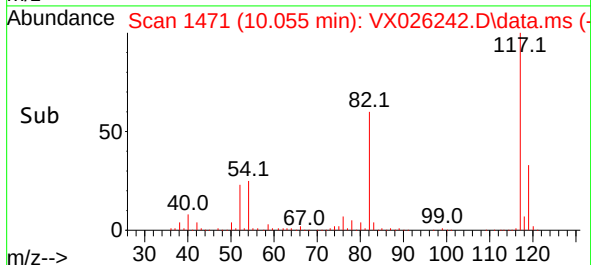
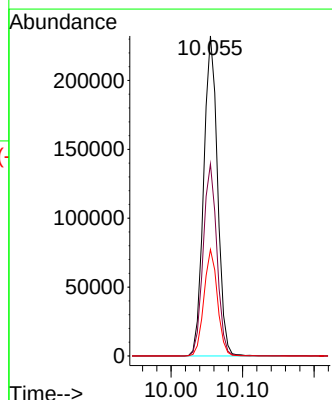
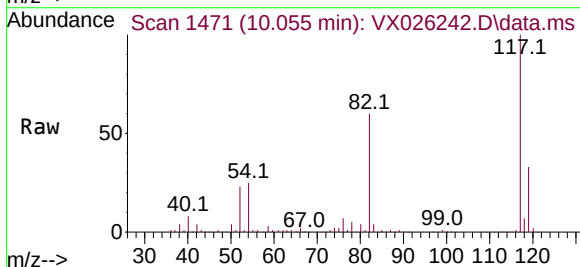
Instrument :
MSVOA_X
ClientSampleId :

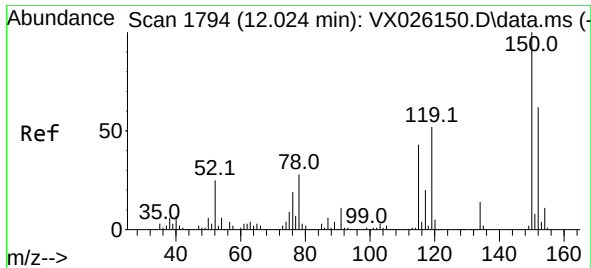
Tgt Ion: 95 Resp: 148121
Ion Ratio Lower Upper
95 100
174 73.9 0.0 157.4
176 70.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

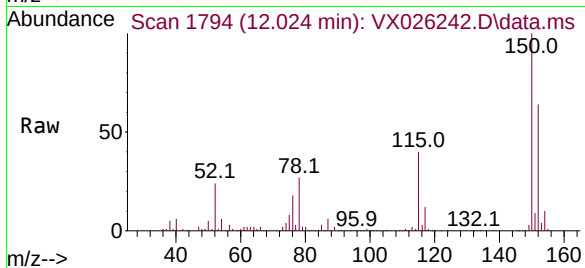
Tgt Ion: 117 Resp: 313015
Ion Ratio Lower Upper
117 100
82 60.0 43.8 65.6
119 33.3 25.2 37.8



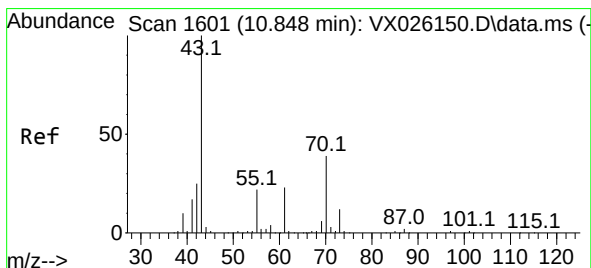
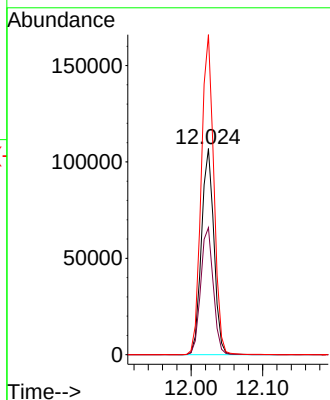
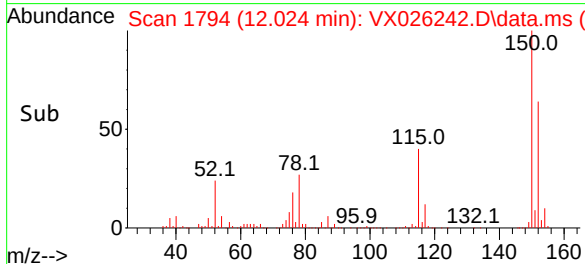


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

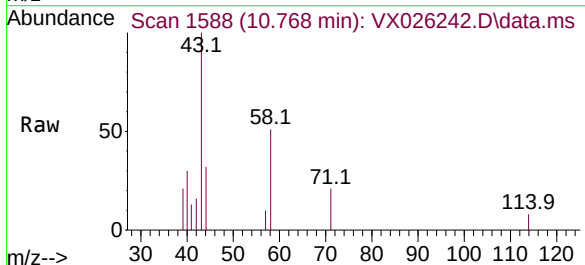
Instrument :
MSVOA_X
ClientSampleId :



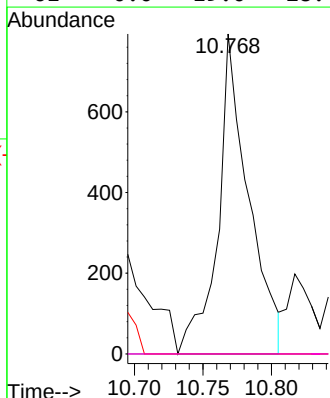
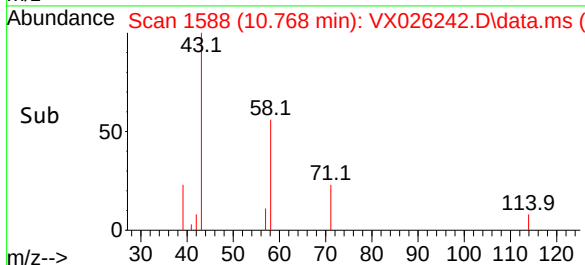
Tgt Ion:152 Resp: 129453
Ion Ratio Lower Upper
152 100
115 62.3 41.3 123.9
150 156.5 0.0 351.8

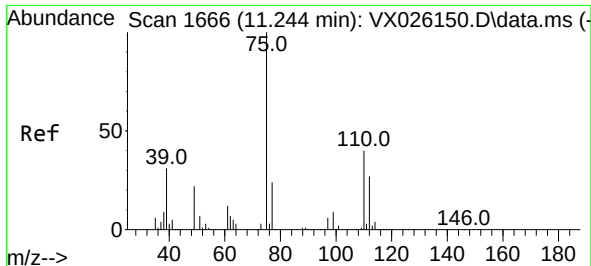


#74
N-ethyl acetate
Concen: 0.266 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28



Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
70 0.0 34.1 51.1#
55 0.0 19.2 28.8#
61 0.0 19.0 28.4#

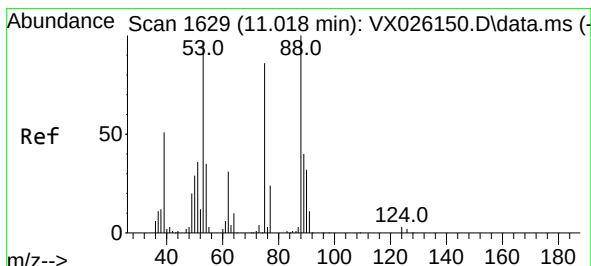
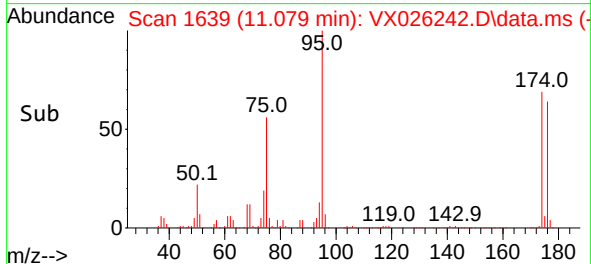
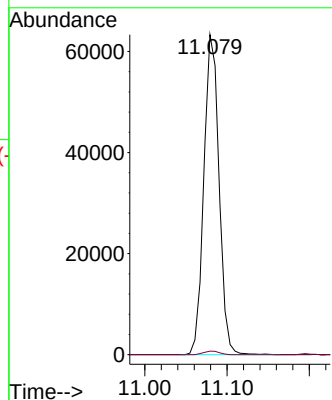
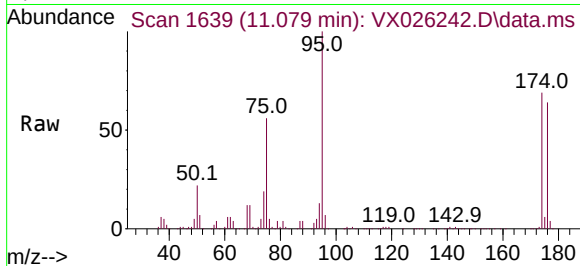




#76
1,2,3-Trichloropropane
Concen: 25.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

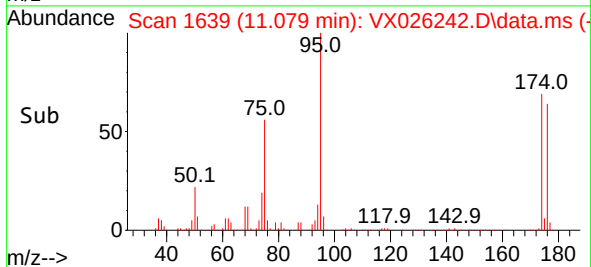
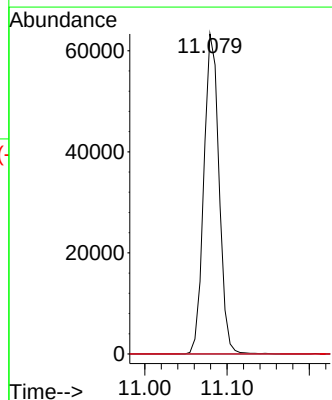
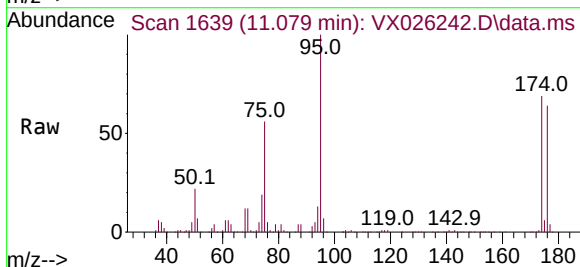
Instrument :
MSVOA_X
ClientSampleId :

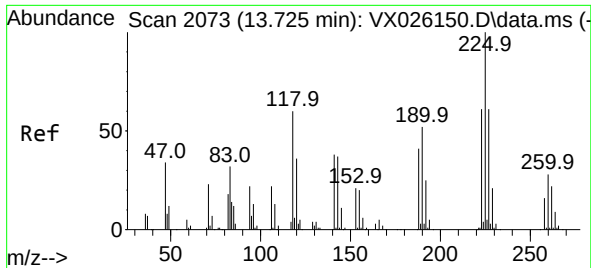
Tgt Ion: 75 Resp: 81214
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026242.D
Acq: 04 Jan 2022 00:28

Tgt Ion: 75 Resp: 81214
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#94

Hexachlorobutadiene

Concen: 0.244 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

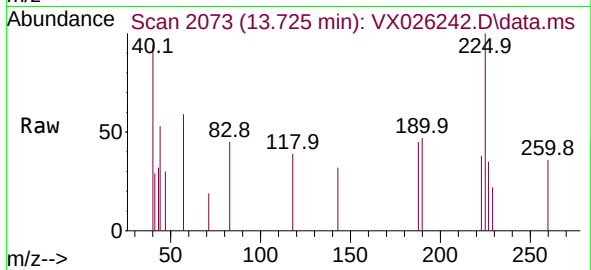
Lab File: VX026242.D

Acq: 04 Jan 2022 00:28

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:225 Resp: 278

Ion Ratio Lower Upper

225 100

223 41.7 31.6 95.0

227 43.2 32.5 97.5

