

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026474.D
 Acq On : 14 Jan 2022 23:41
 Operator : JC/MD
 Sample : N1130-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:43:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

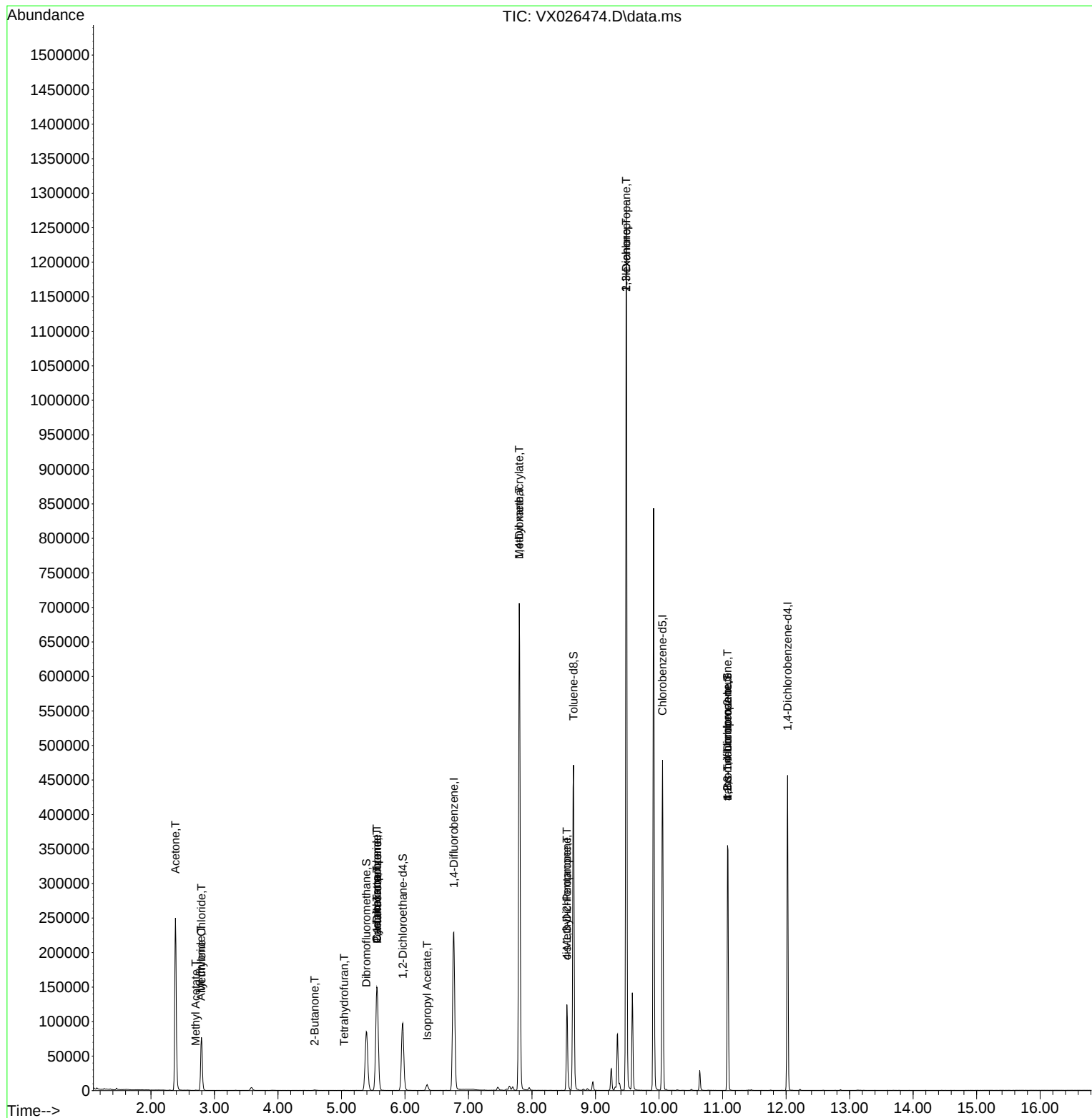
Internal Standards						
1) Pentafluorobenzene	5.562	168	138087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96755	50.159	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.320%	
35) Dibromofluoromethane	5.391	113	74789	49.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.760%	
50) Toluene-d8	8.653	98	273269	50.072	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	11.079	95	99774	51.464	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.920%	
Target Compounds						
					Qvalue	
14) Allyl chloride	2.788	41	1408	0.531	ug/l #	25
16) Acetone	2.386	43	275347	279.909	ug/l	99
18) Methyl Acetate	2.703	43	695	0.355	ug/l #	58
20) Methylene Chloride	2.794	84	34532	21.247	ug/l	99
25) 2-Butanone	4.574	43	1752	1.370	ug/l #	83
29) Tetrahydrofuran	5.044	42	310	0.408	ug/l #	34
31) Cyclohexane	5.556	56	2944	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11340	4.743	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14861	6.043	ug/l #	16
43) Isopropyl Acetate	6.348	43	11772	3.013	ug/l	97
48) Methyl methacrylate	7.799	41	60680	31.342	ug/l #	45
49) 1,4-Dioxane	7.799	88	42	1.322	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	41757	18.020	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18617	7.378	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	11024	4.021	ug/l #	43
59) 2-Hexanone	9.482	43	158979	89.640	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	50424	25.717	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	50424	78.026	ug/l #	3

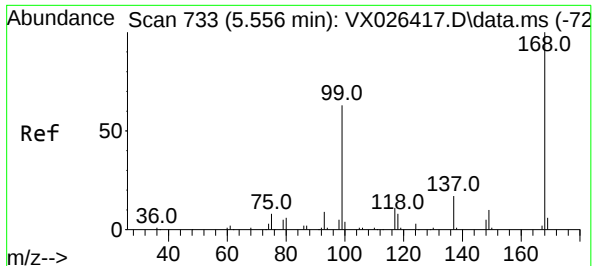
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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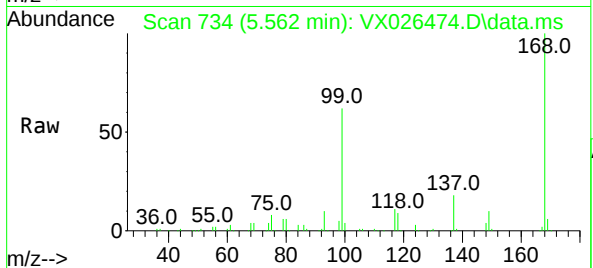
Quant Time: Jan 17 00:43:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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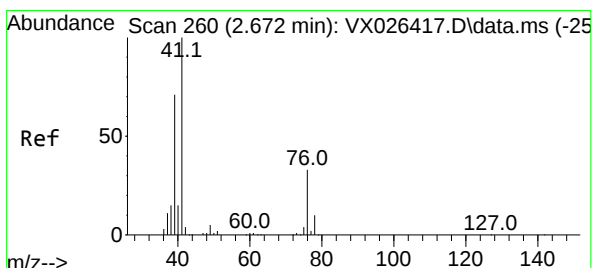
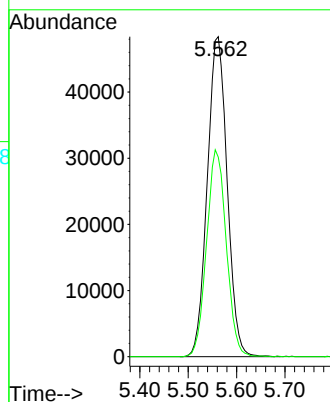
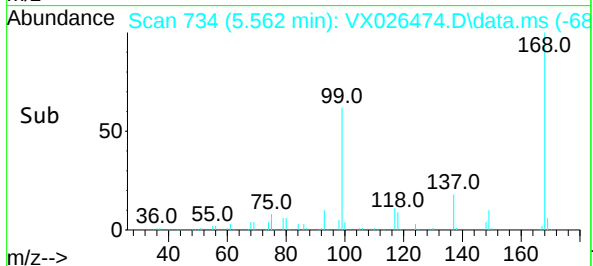


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

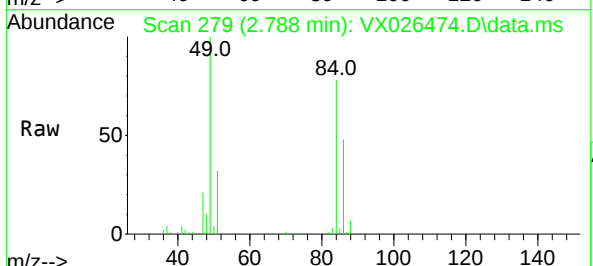
Instrument :
MSVOA_X
ClientSampleId :



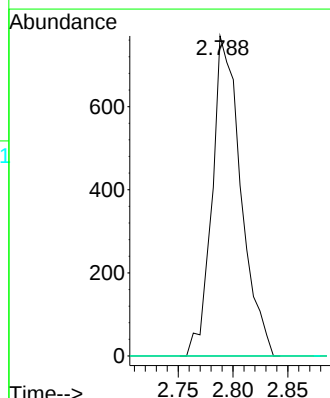
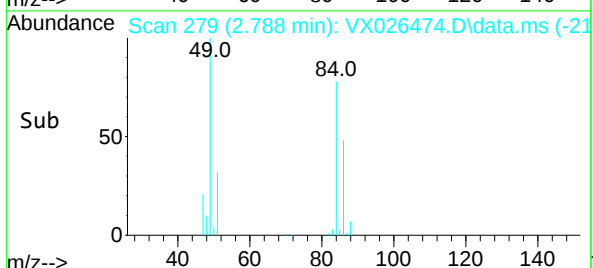
Tgt Ion:168 Resp: 138087
Ion Ratio Lower Upper
168 100
99 62.4 50.3 75.5

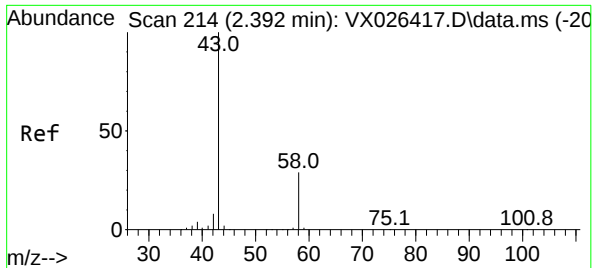


#14
Allyl chloride
Concen: 0.531 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.116 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41



Tgt Ion: 41 Resp: 1408
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 25.2 37.8#

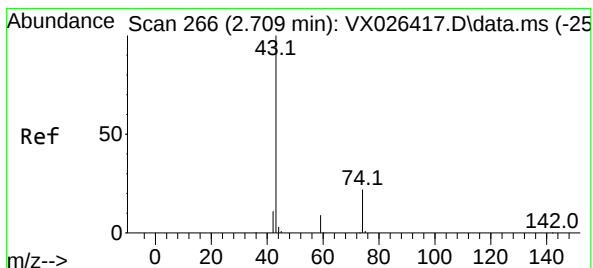
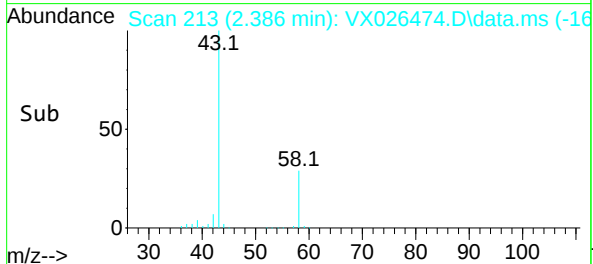
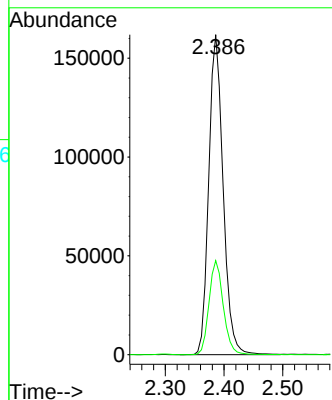
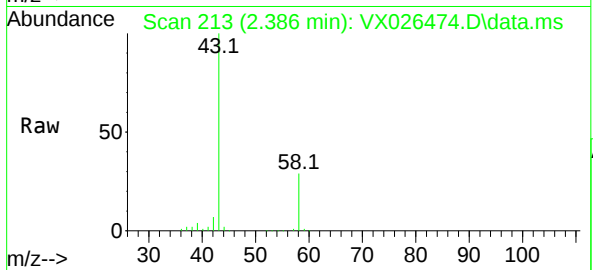




#16
Acetone
Concen: 279.909 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

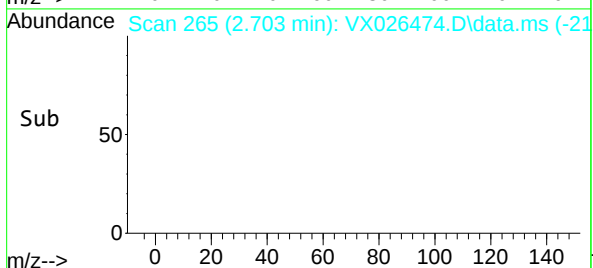
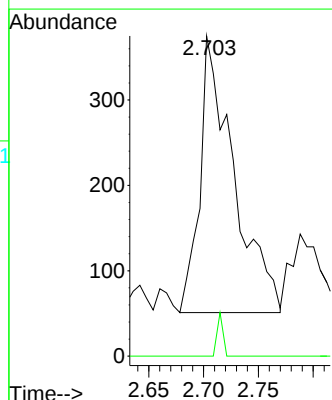
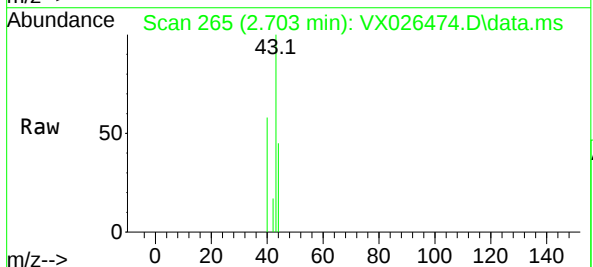
Instrument :
MSVOA_X
ClientSampleId :

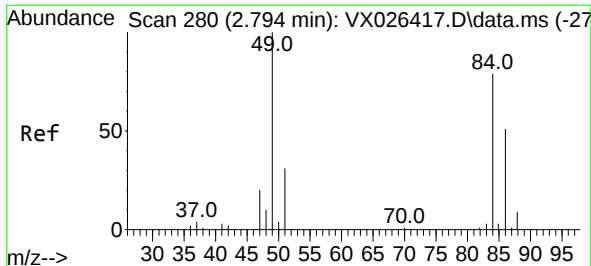
Tgt Ion: 43 Resp: 275347
Ion Ratio Lower Upper
43 100
58 29.4 23.0 34.6



#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

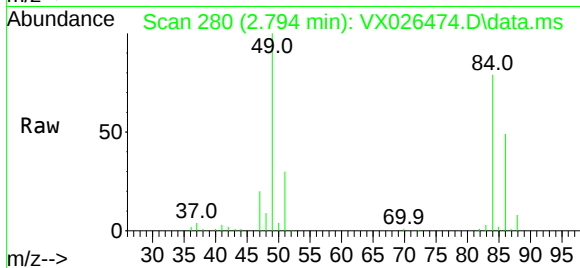
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
74 2.7 18.3 27.5#



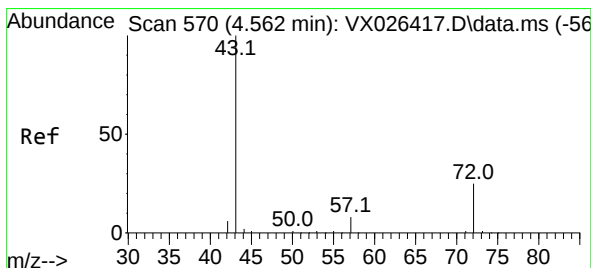
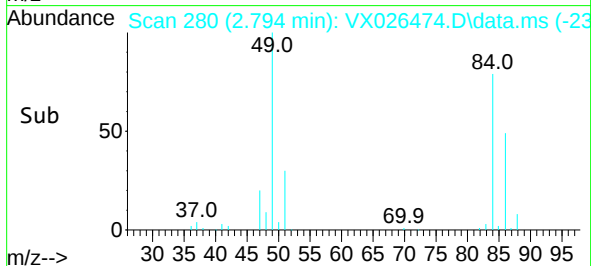
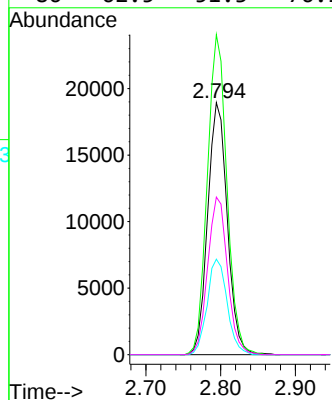


#20
Methylene Chloride
Concen: 21.247 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Instrument :
MSVOA_X
ClientSampleId :

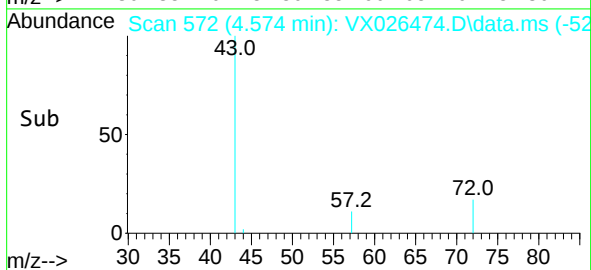
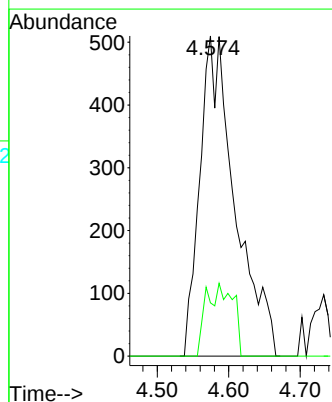
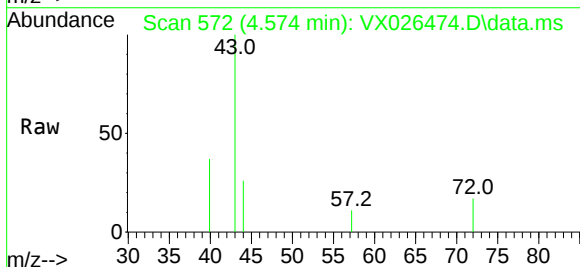


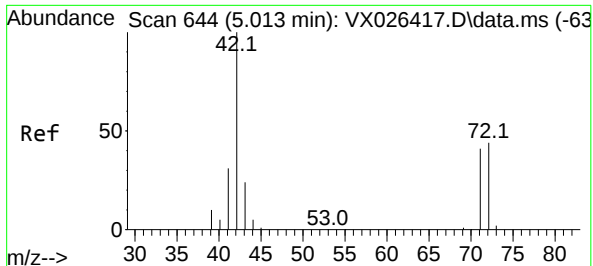
Tgt Ion:	84	Resp:	34532
Ion	Ratio	Lower	Upper
84	100		
49	127.0	101.5	152.3
51	37.9	31.2	46.8
86	62.5	51.3	76.9



#25
2-Butanone
Concen: 1.370 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Tgt Ion:	43	Resp:	1752
Ion	Ratio	Lower	Upper
43	100		
72	16.7	20.4	30.6#





#29

Tetrahydrofuran

Concen: 0.408 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX026474.D

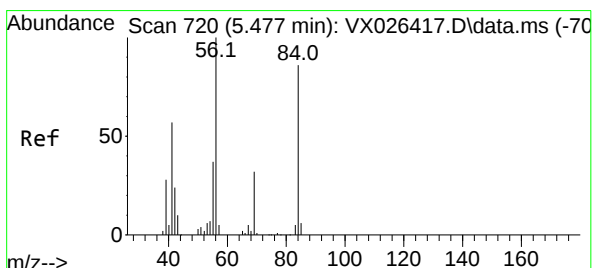
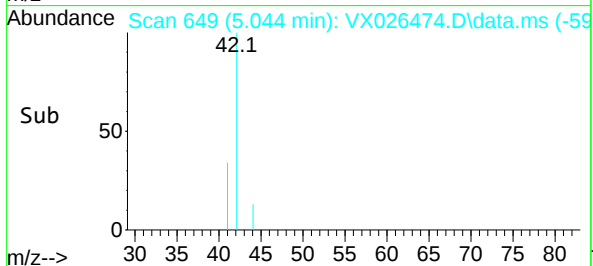
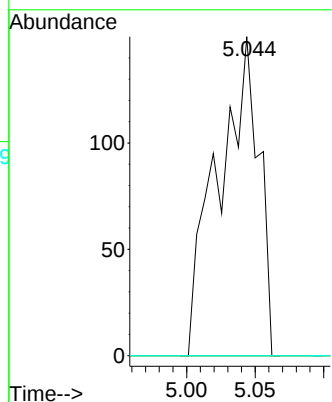
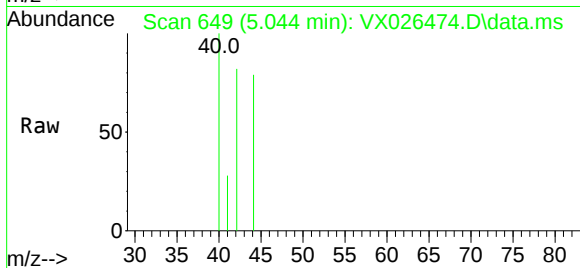
Acq: 14 Jan 2022 23:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	310
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	52.0#
71	0.0	31.8	47.8#



#31

Cyclohexane

Concen: 1.035 ug/l

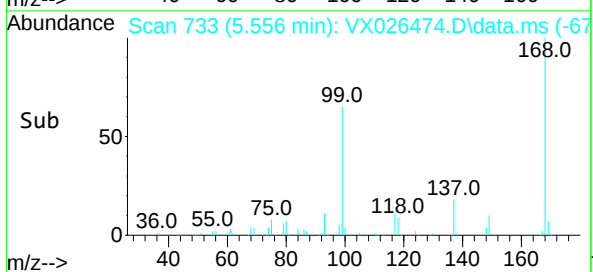
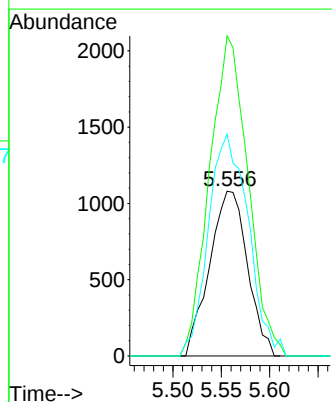
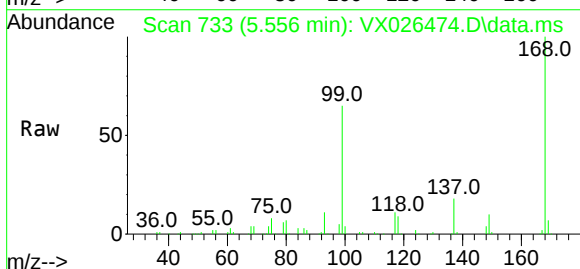
RT: 5.556 min Scan# 733

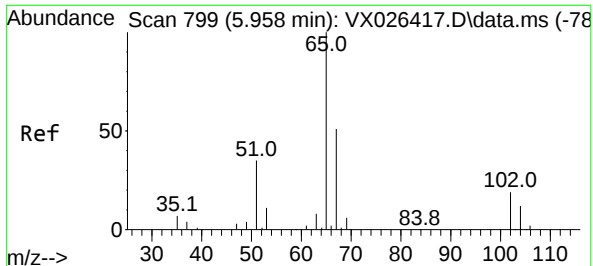
Delta R.T. 0.079 min

Lab File: VX026474.D

Acq: 14 Jan 2022 23:41

Tgt Ion:	56	Resp:	2944
Ion	Ratio	Lower	Upper
56	100		
69	194.3	25.8	38.6#
84	134.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.159 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026474.D

Acq: 14 Jan 2022 23:41

Instrument :

MSVOA_X

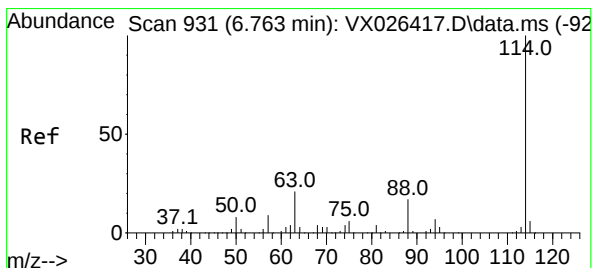
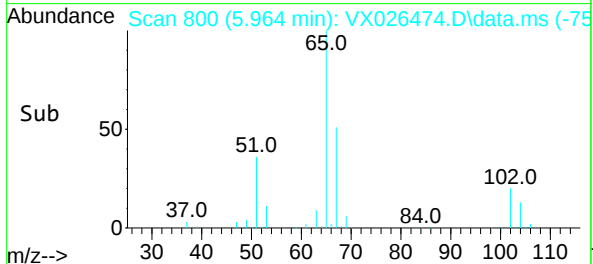
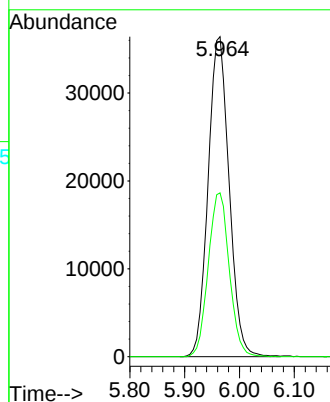
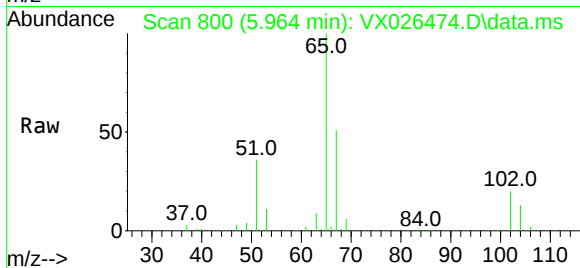
ClientSampleId :

Tgt Ion: 65 Resp: 96755

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026474.D

Acq: 14 Jan 2022 23:41

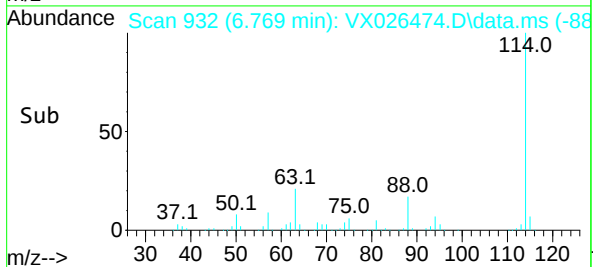
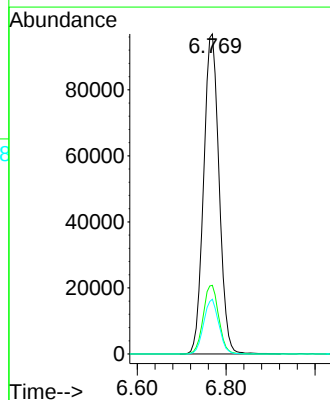
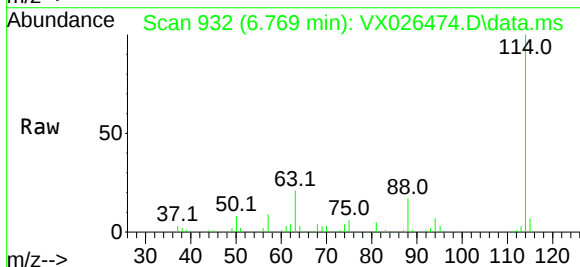
Tgt Ion: 114 Resp: 234524

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

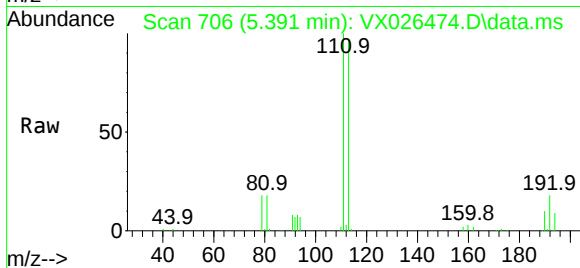
88 17.1 0.0 33.0



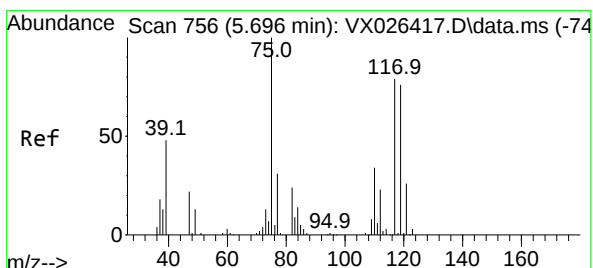
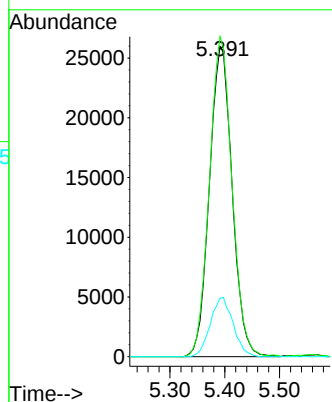
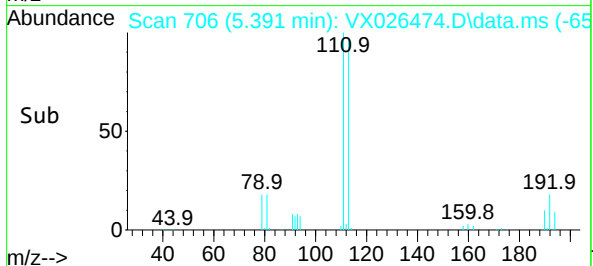


#35
Dibromofluoromethane
Concen: 49.383 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

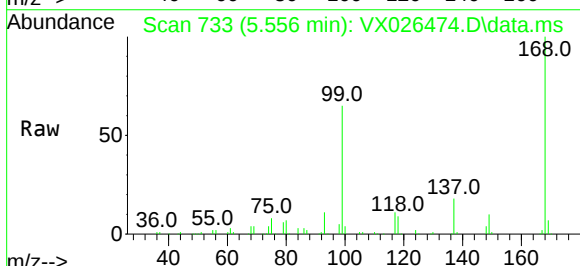
Instrument :
MSVOA_X
ClientSampleId :



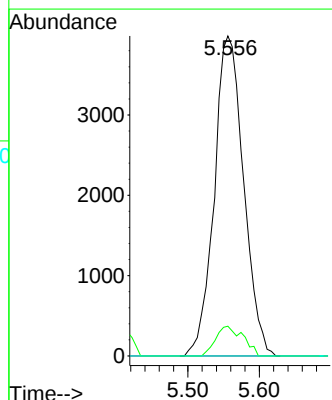
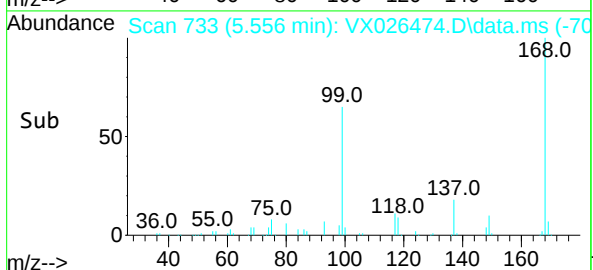
Tgt Ion:113 Resp: 74789
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.1 15.0 22.4

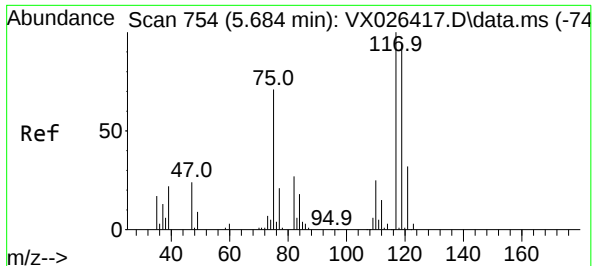


#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41



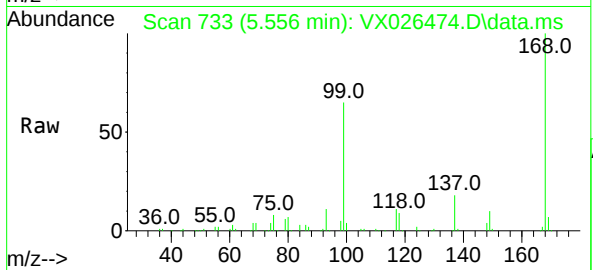
Tgt Ion: 75 Resp: 11340
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



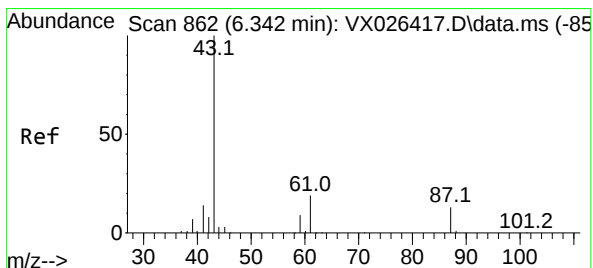
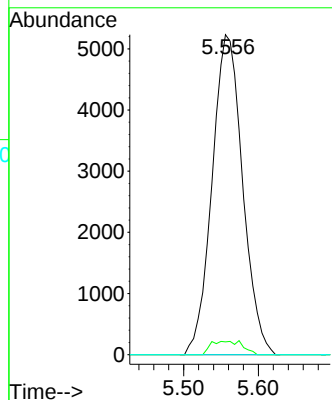
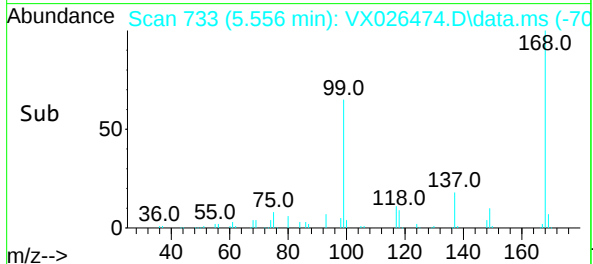


#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Instrument :
MSVOA_X
ClientSampleId :

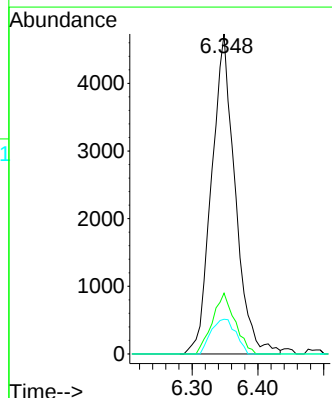
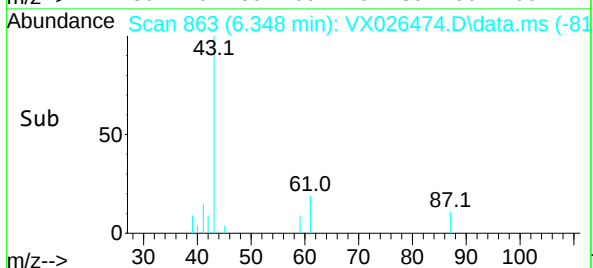
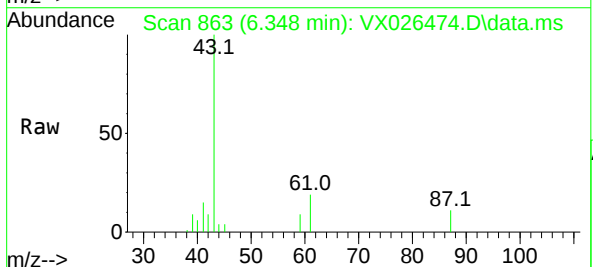


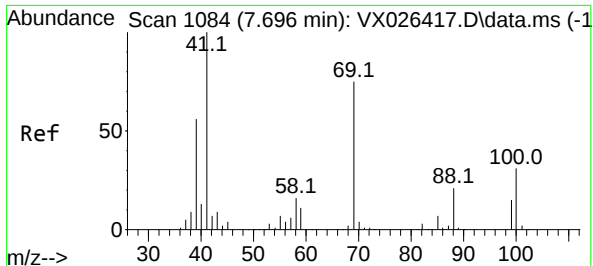
Tgt Ion:117 Resp: 14861
Ion Ratio Lower Upper
117 100
119 4.0 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.013 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Tgt Ion: 43 Resp: 11772
Ion Ratio Lower Upper
43 100
61 18.2 15.4 23.0
87 11.4 10.2 15.2





#48

Methyl methacrylate

Concen: 31.342 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026474.D

Acq: 14 Jan 2022 23:41

Instrument :

MSVOA_X

ClientSampleId :

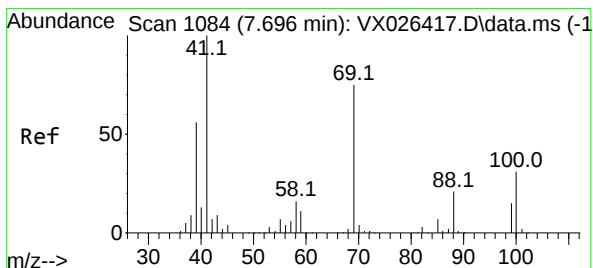
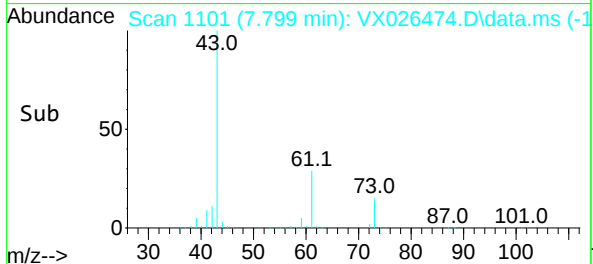
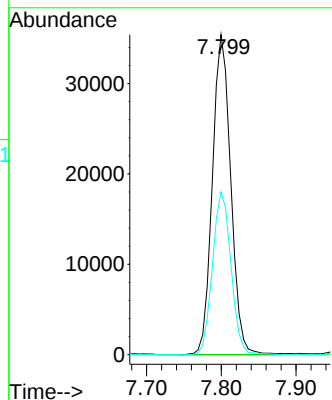
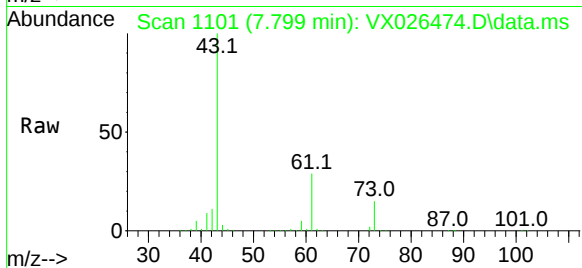
Tgt Ion: 41 Resp: 60680

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 51.2 45.4 68.0



#49

1,4-Dioxane

Concen: 1.322 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026474.D

Acq: 14 Jan 2022 23:41

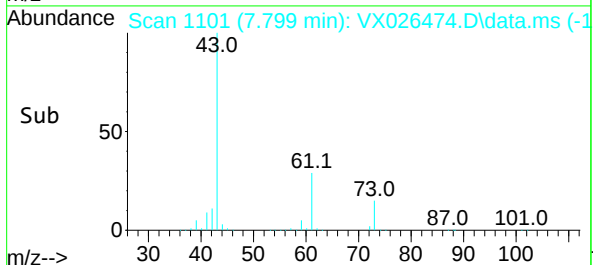
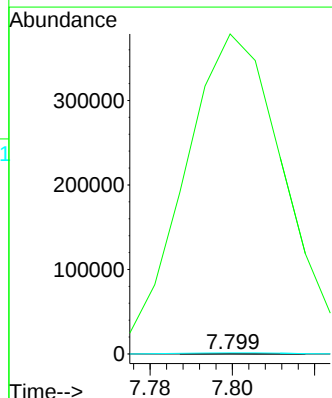
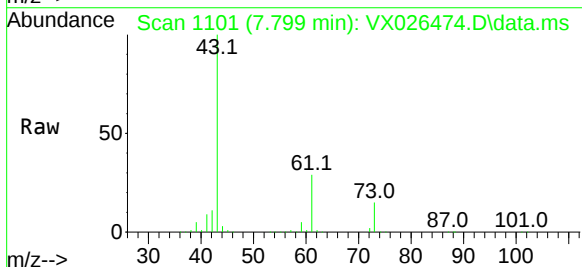
Tgt Ion: 88 Resp: 42

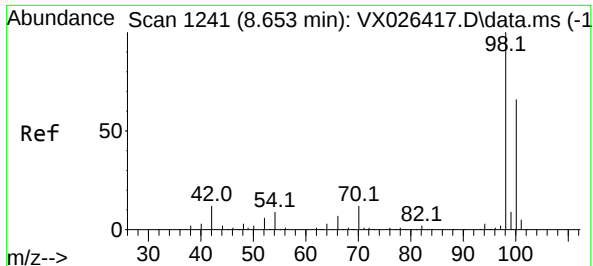
Ion Ratio Lower Upper

88 100

43 1551371.4 29.9 44.9#

58 6061.9 57.8 86.6#

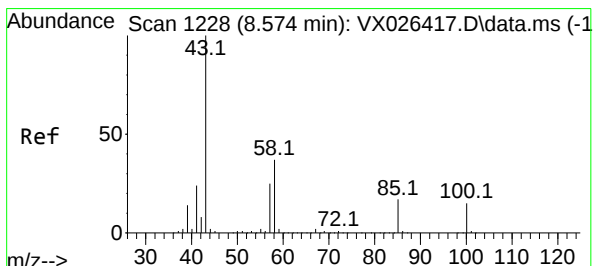
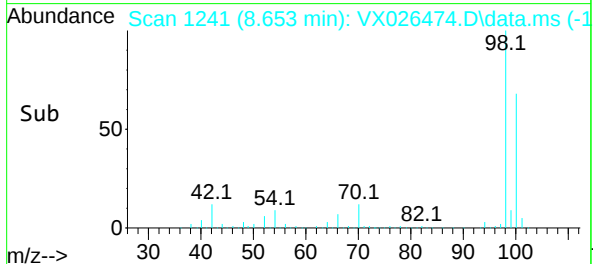
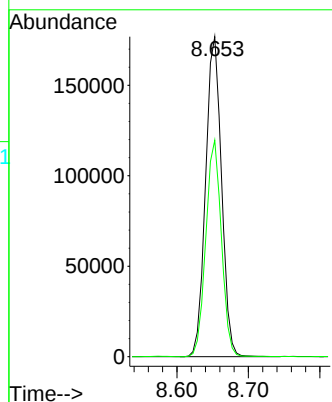
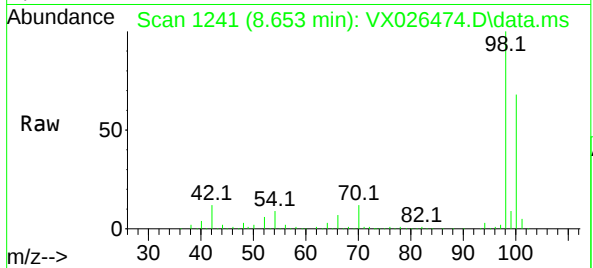




#50
Toluene-d8
Concen: 50.072 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

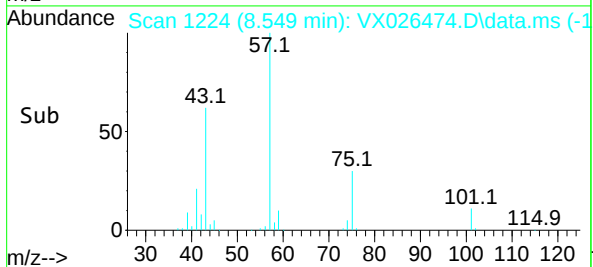
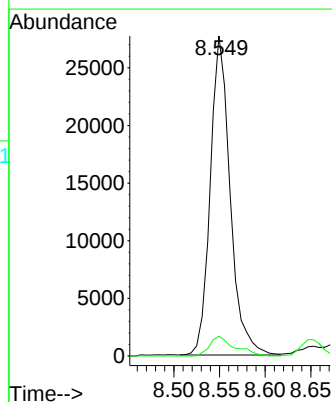
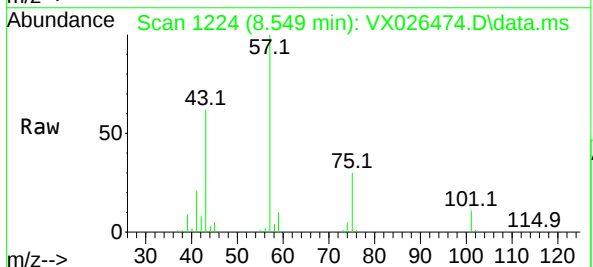
Instrument :
MSVOA_X
ClientSampleId :

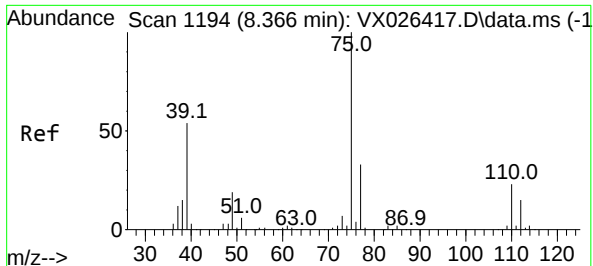
Tgt Ion: 98 Resp: 273269
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 18.020 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Tgt Ion: 43 Resp: 41757
Ion Ratio Lower Upper
43 100
58 7.7 30.5 45.7#

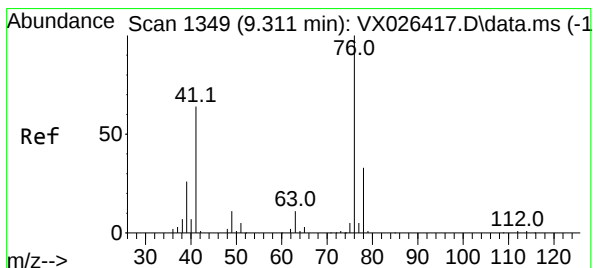
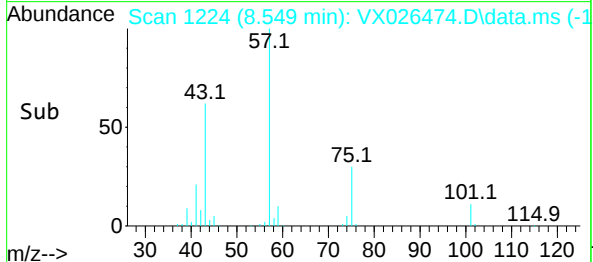
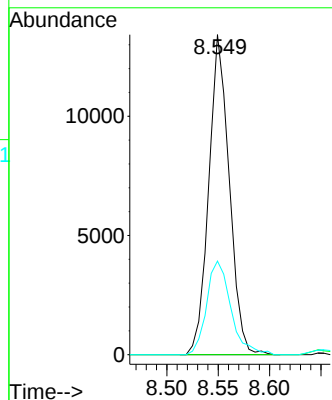
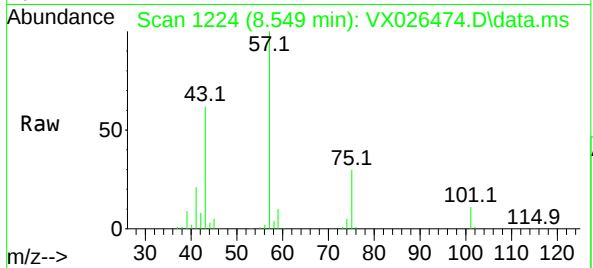




#54
 cis-1,3-Dichloropropene
 Concen: 7.378 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026474.D
 Acq: 14 Jan 2022 23:41

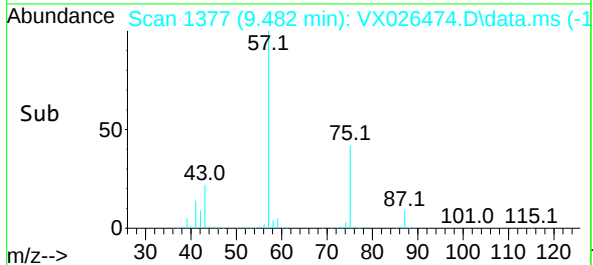
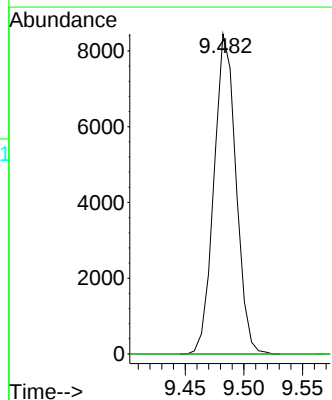
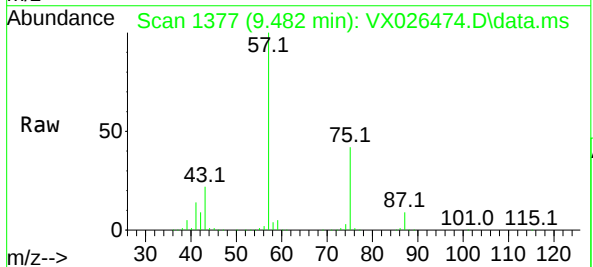
Instrument :
 MSVOA_X
 ClientSampleId :

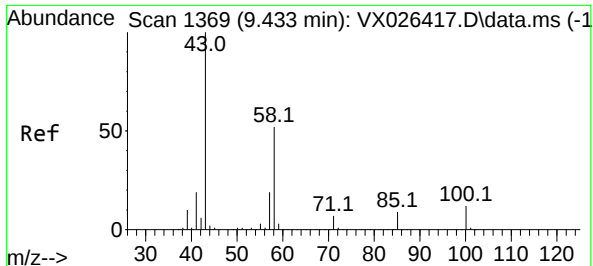
Tgt Ion: 75 Resp: 18617
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 29.3 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.021 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026474.D
 Acq: 14 Jan 2022 23:41

Tgt Ion: 76 Resp: 11024
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

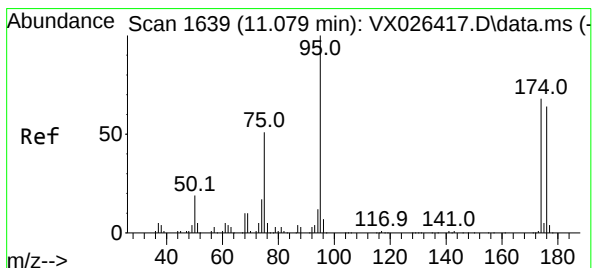
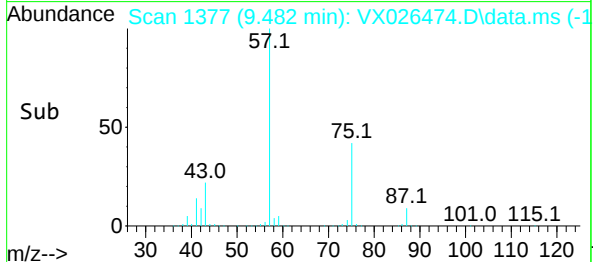
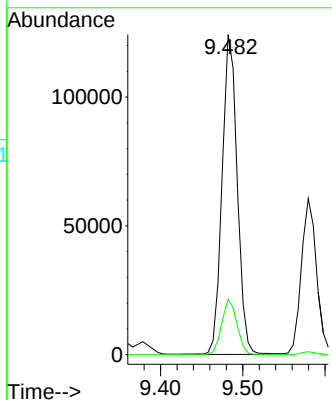
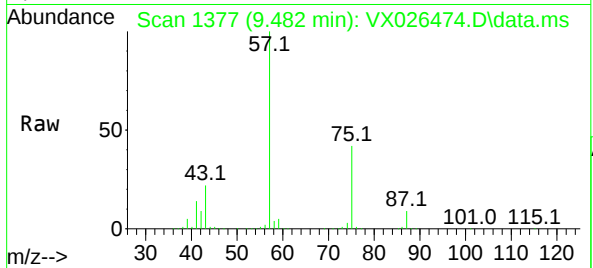




#59
2-Hexanone
Concen: 89.640 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

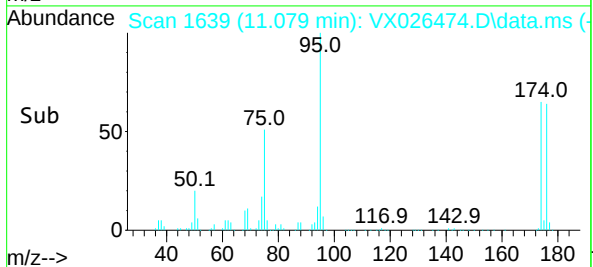
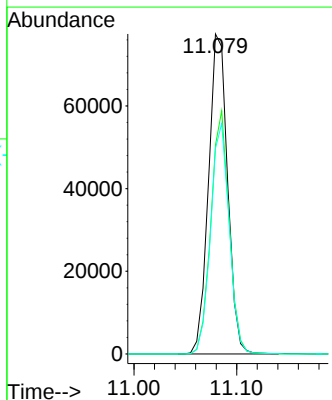
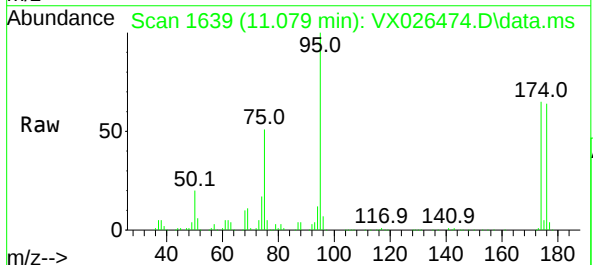
Instrument :
MSVOA_X
ClientSampleId :

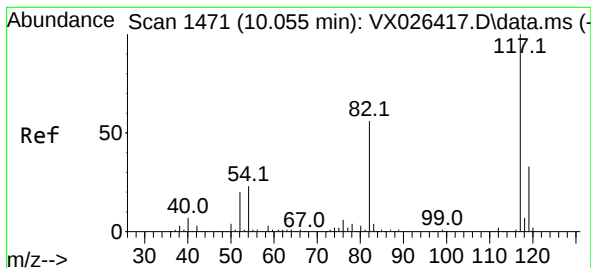
Tgt Ion: 43 Resp: 158979
Ion Ratio Lower Upper
43 100
58 17.6 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 51.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Tgt Ion: 95 Resp: 99774
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.6
176 70.2 0.0 141.4

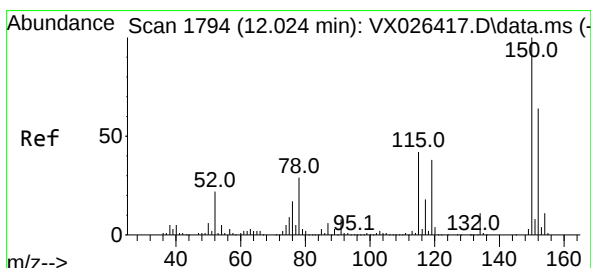
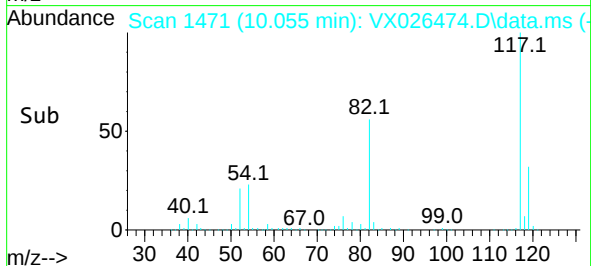
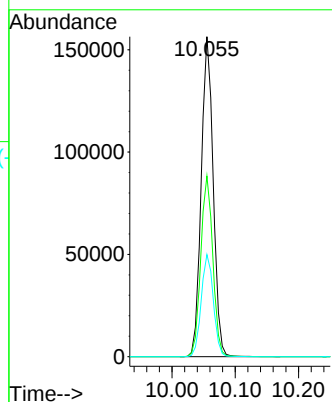
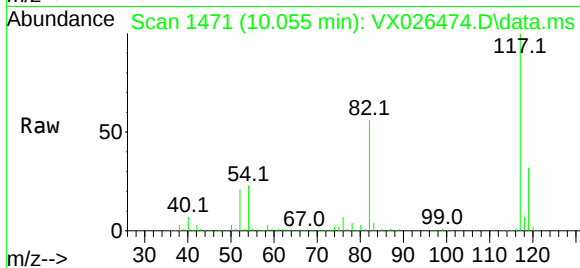




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

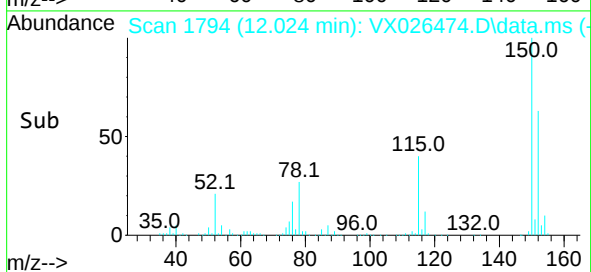
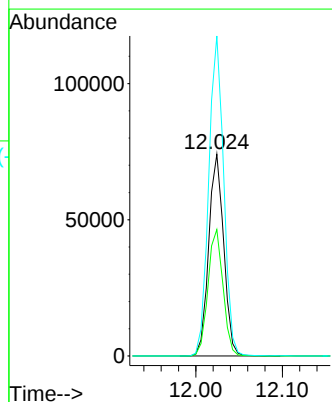
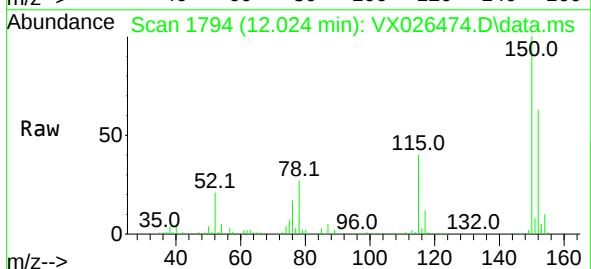
Instrument :
MSVOA_X
ClientSampleId :

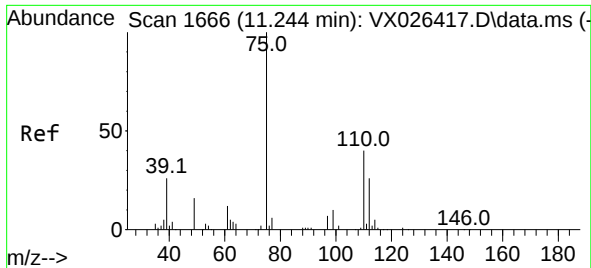
Tgt Ion:117 Resp: 206100
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Tgt Ion:152 Resp: 89053
Ion Ratio Lower Upper
152 100
115 62.9 44.2 132.6
150 158.3 0.0 348.2

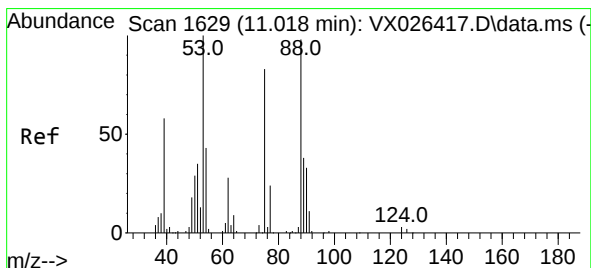
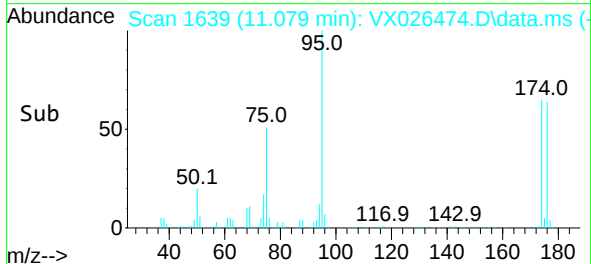
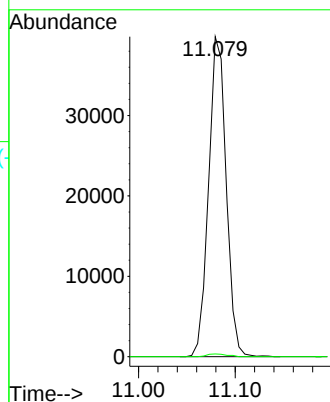
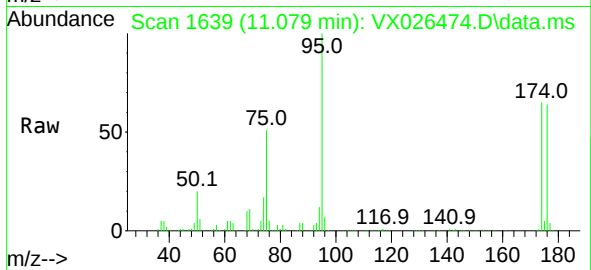




#76
1,2,3-Trichloropropane
Concen: 25.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50424
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026474.D
Acq: 14 Jan 2022 23:41

Tgt Ion: 75 Resp: 50424
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

