

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033734.D
 Acq On : 13 Jan 2023 19:47
 Operator : JC/MD
 Sample : PB150223ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

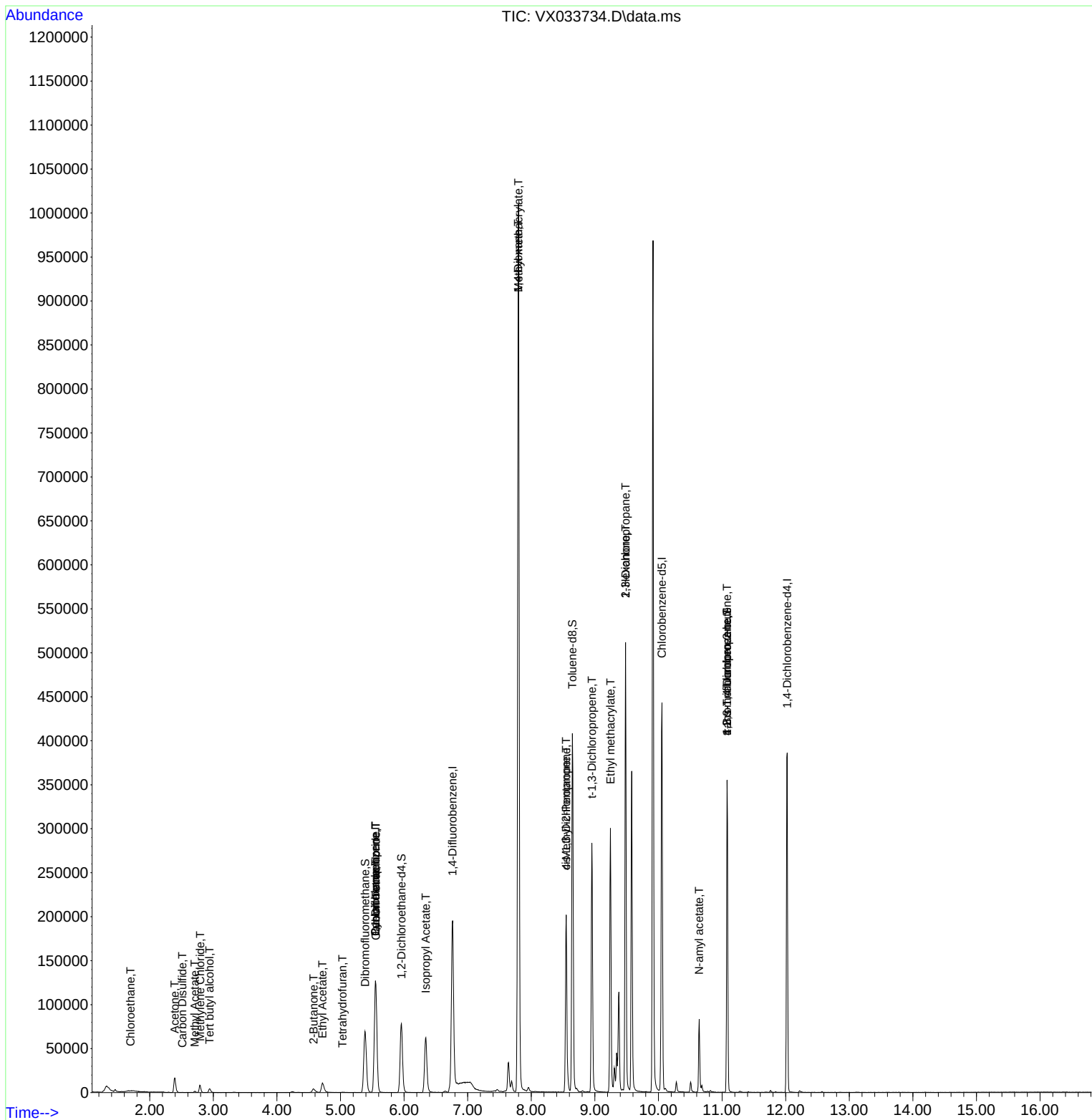
Quant Time: Jan 16 05:39:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

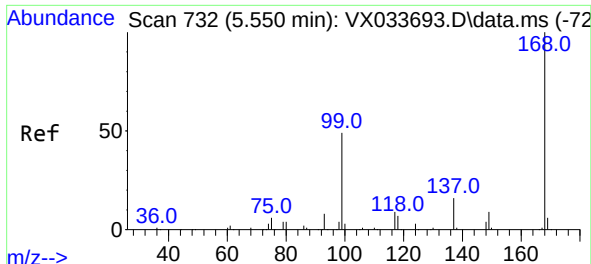
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	126017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77582	58.471	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.940%			
35) Dibromofluoromethane	5.385	113	59445	50.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.647	98	236443	54.700	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.400%			
62) 4-Bromofluorobenzene	11.079	95	86822	54.099	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.200%			
Target Compounds					Qvalue	
6) Chloroethane	1.697	64	193	0.292	ug/l #	42
11) Tert butyl alcohol	2.941	59	2575	11.171	ug/l #	86
16) Acetone	2.392	43	22587	36.250	ug/l	97
17) Carbon Disulfide	2.514	76	50	1.841	ug/l #	76
18) Methyl Acetate	2.709	43	1954	1.055	ug/l #	84
20) Methylene Chloride	2.794	84	3680	0.721	ug/l	94
25) 2-Butanone	4.574	43	6728	7.761	ug/l	99
29) Tetrahydrofuran	5.032	42	370	0.677	ug/l #	34
31) Cyclohexane	5.550	56	2626	1.345	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	9352	5.401	ug/l #	43
37) Ethyl Acetate	4.715	43	21090	10.508	ug/l	96
38) Carbon Tetrachloride	5.556	117	12239	6.825	ug/l #	14
43) Isopropyl Acetate	6.342	43	88344	32.320	ug/l	97
48) Methyl methacrylate	7.799	41	90388	65.645	ug/l #	47
49) 1,4-Dioxane	7.793	88	53	1.740	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	75945	45.240	ug/l #	49
53) t-1,3-Dichloropropene	8.952	75	584	0.343	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	30180	15.826	ug/l #	68
56) Ethyl methacrylate	9.244	69	677	0.373	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4313	2.062	ug/l #	43
59) 2-Hexanone	9.482	43	64219	54.962	ug/l #	49
73) Isopropylbenzene	11.085	105	77	Below Cal	#	48
74) N-amyl acetate	10.640	43	23355	10.587	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	44547	28.862	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	44547	89.699	ug/l #	8

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

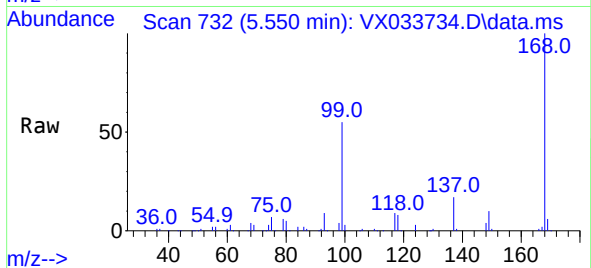
Quant Time: Jan 16 05:39:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



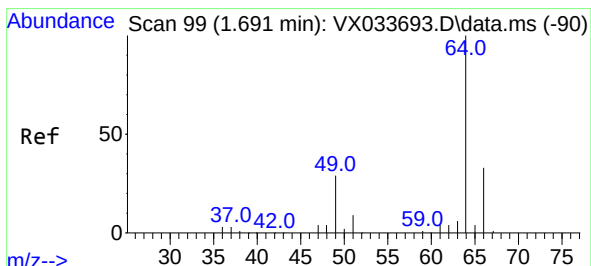
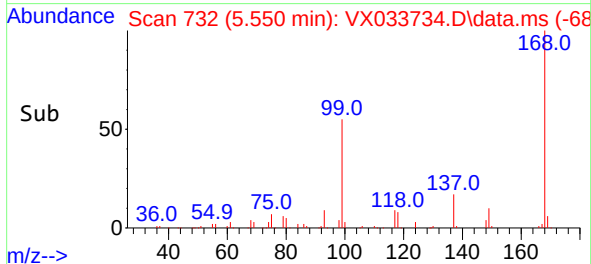
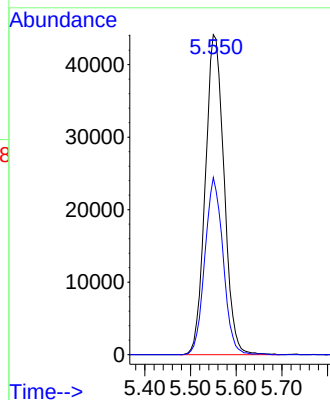


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :

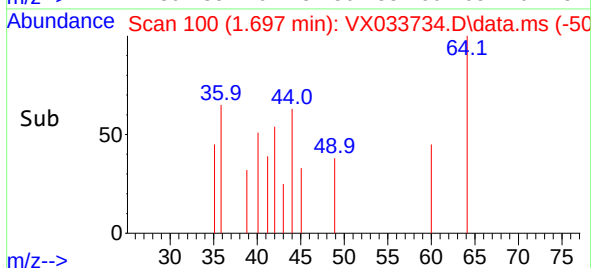
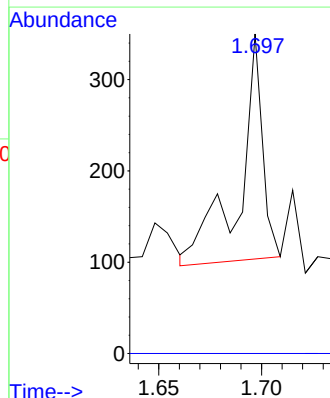
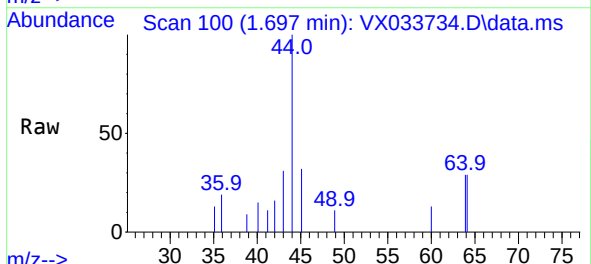


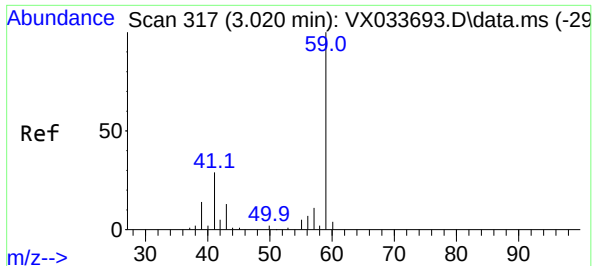
Tgt Ion:168 Resp: 126017
Ion Ratio Lower Upper
168 100
99 55.3 39.6 59.4



#6
Chloroethane
Concen: 0.292 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 11.171 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.079 min

Lab File: VX033734.D

Acq: 13 Jan 2023 19:47

Instrument :

MSVOA_X

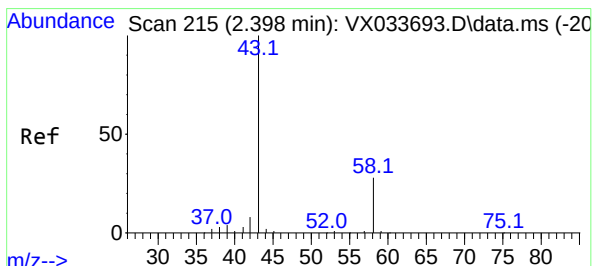
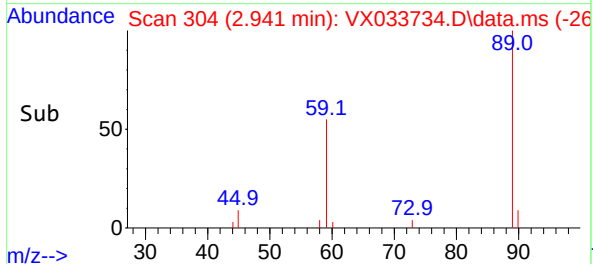
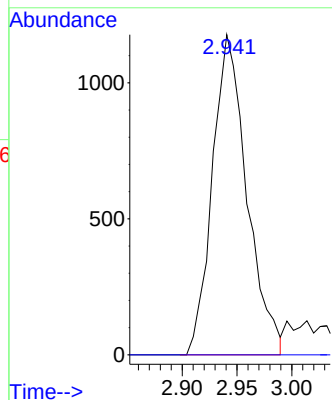
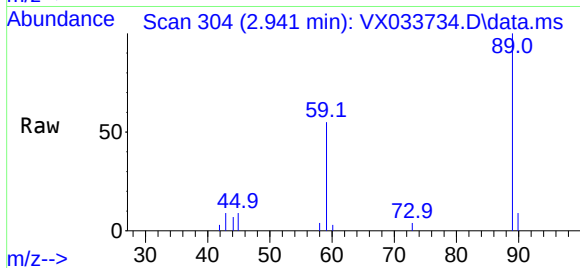
ClientSampleId :

Tgt Ion: 59 Resp: 2575

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#16

Acetone

Concen: 36.250 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX033734.D

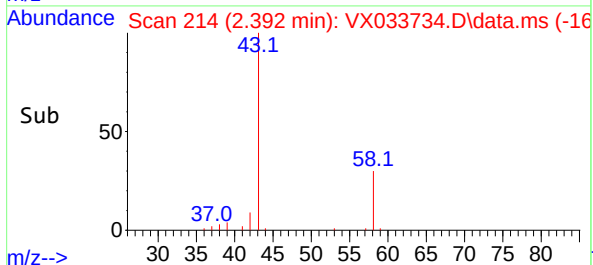
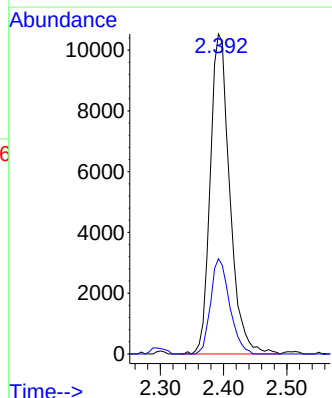
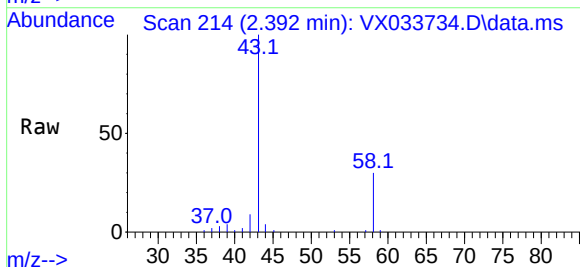
Acq: 13 Jan 2023 19:47

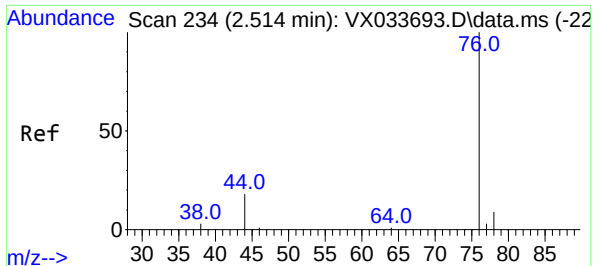
Tgt Ion: 43 Resp: 22587

Ion Ratio Lower Upper

43 100

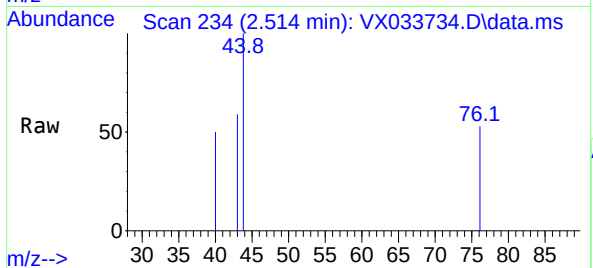
58 29.7 22.6 33.8



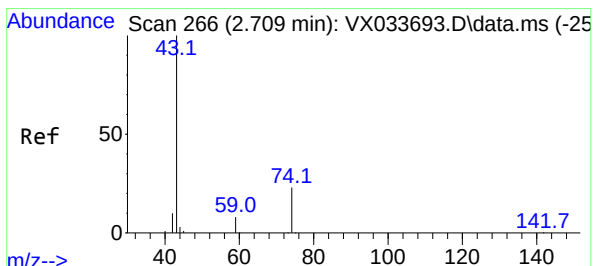
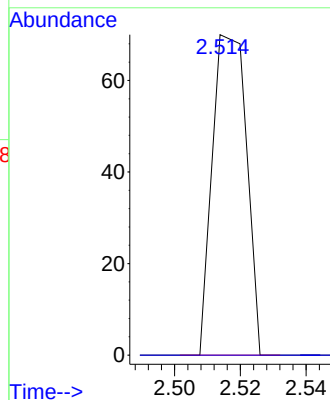
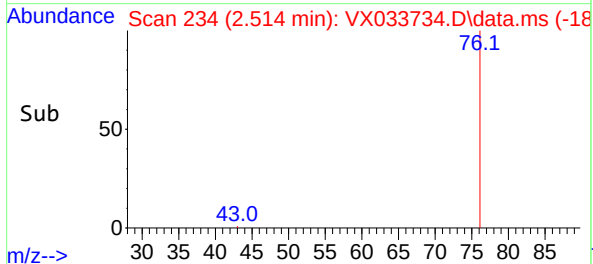


#17
Carbon Disulfide
Concen: 1.841 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

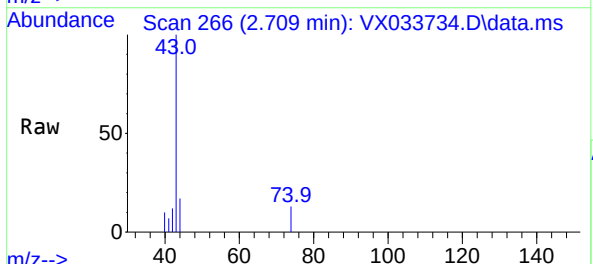
Instrument :
MSVOA_X
ClientSampleId :



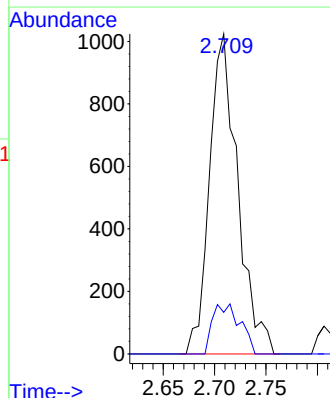
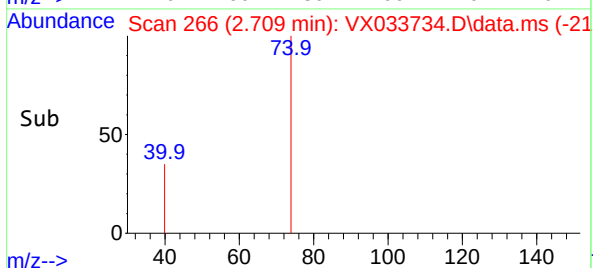
Tgt Ion: 76 Resp: 50
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

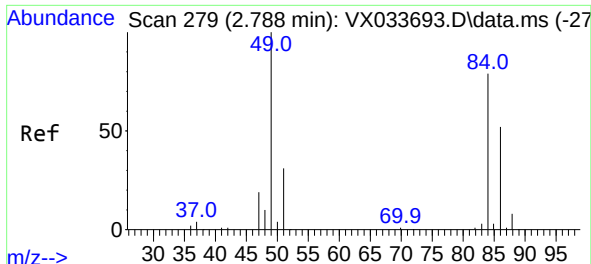


#18
Methyl Acetate
Concen: 1.055 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47



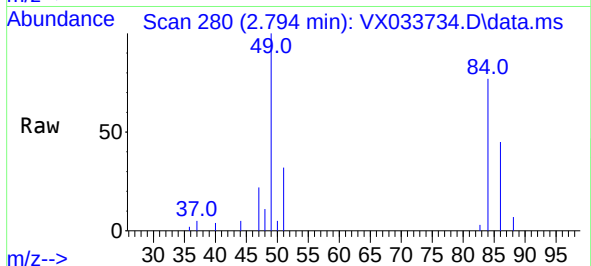
Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
74 15.1 18.2 27.4#





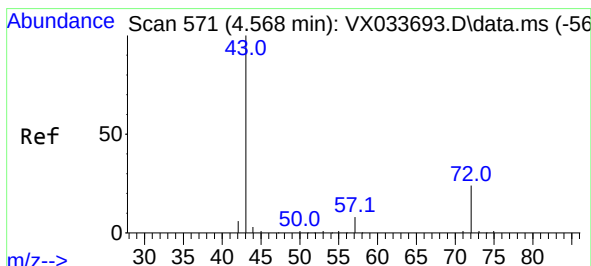
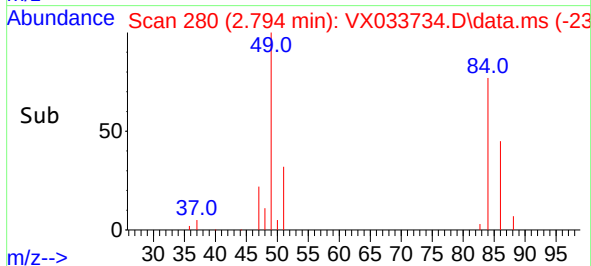
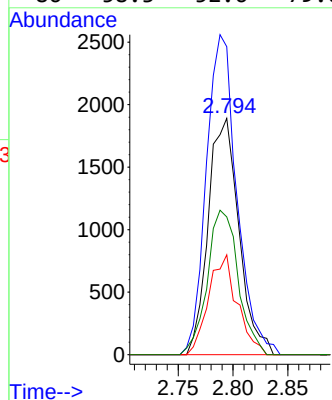
#20
Methylene Chloride
Concen: 0.721 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 3680

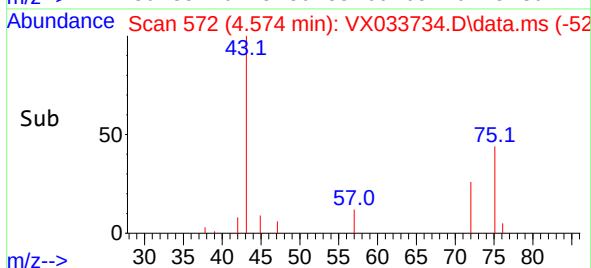
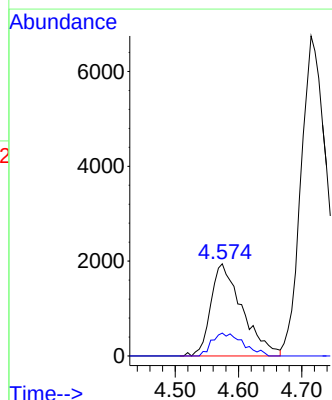
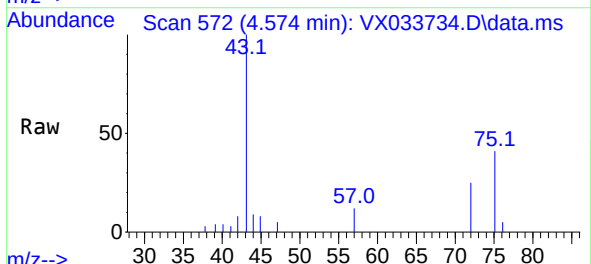
Ion	Ratio	Lower	Upper
84	100		
49	130.3	101.1	151.7
51	42.2	31.0	46.6
86	58.3	52.6	79.0

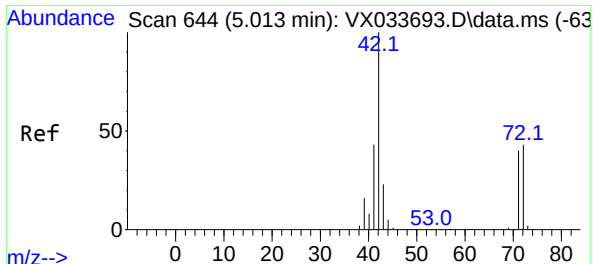


#25
2-Butanone
Concen: 7.761 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Tgt Ion: 43 Resp: 6728

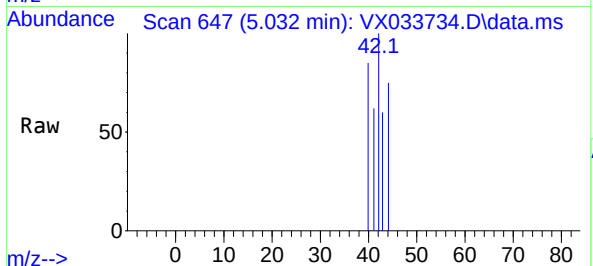
Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.4	29.2



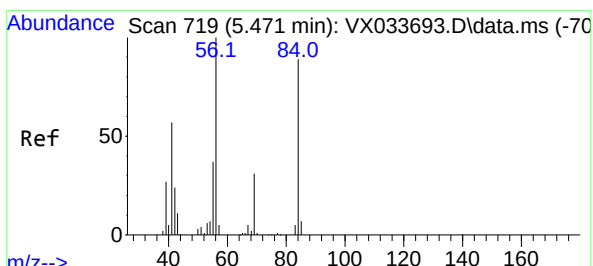
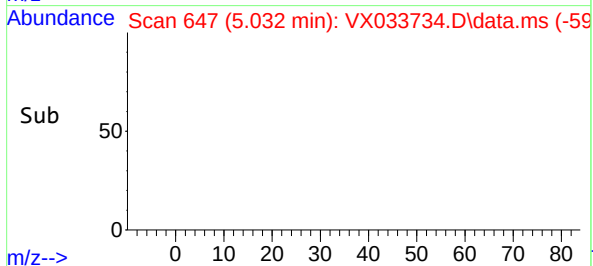
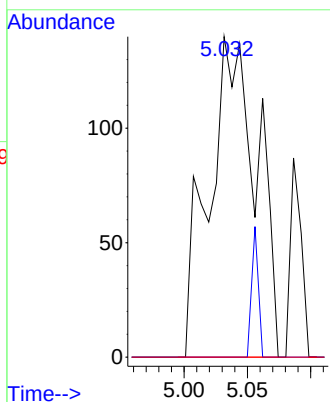


#29
Tetrahydrofuran
Concen: 0.677 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :

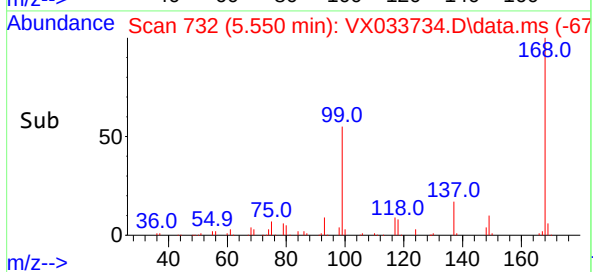
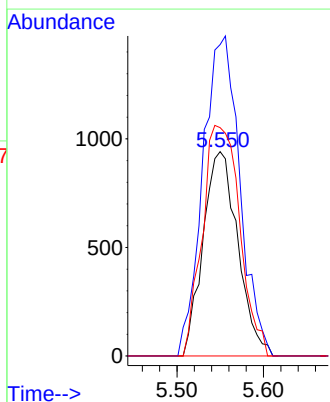
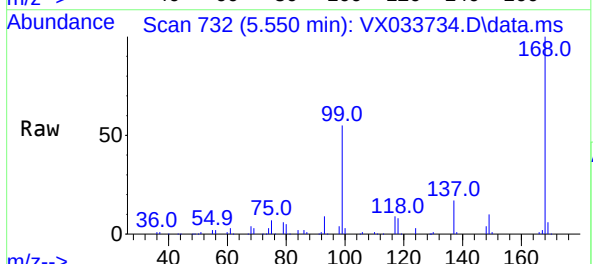


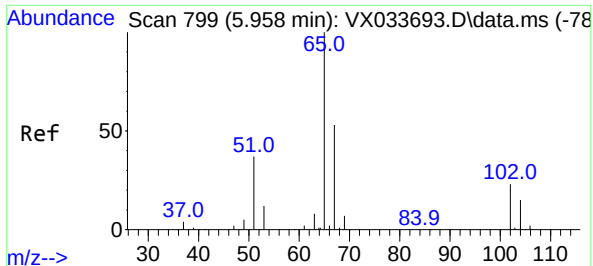
Tgt Ion: 42 Resp: 370
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 32.2 48.2#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Tgt Ion: 56 Resp: 2626
Ion Ratio Lower Upper
56 100
69 152.4 24.6 37.0#
84 111.8 71.0 106.6#

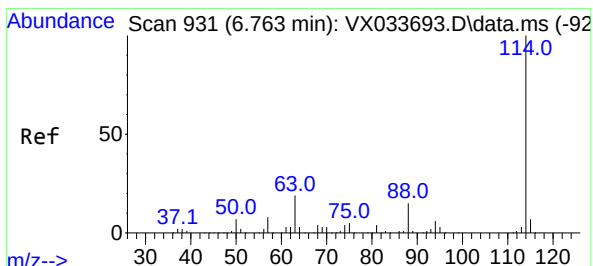
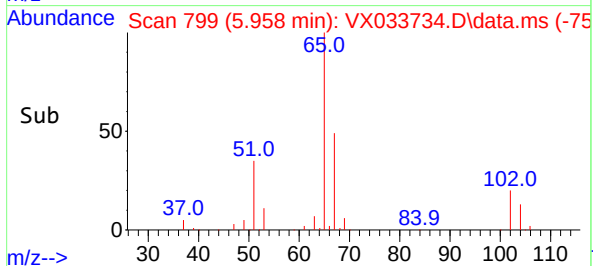
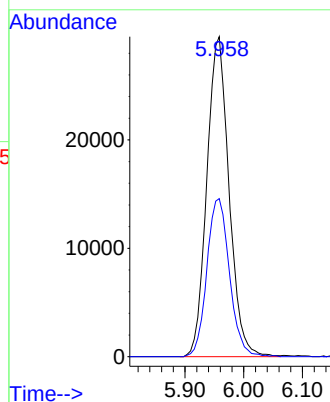
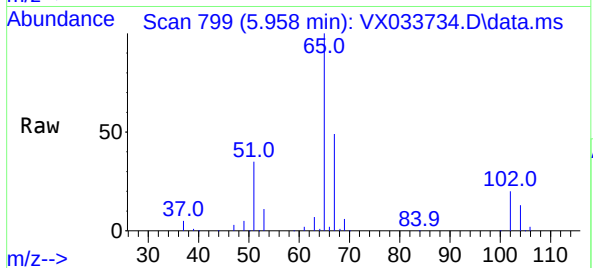




#33
1,2-Dichloroethane-d4
Concen: 58.471 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

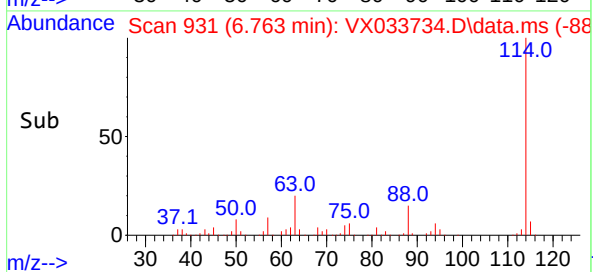
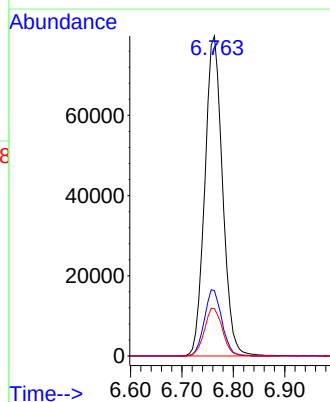
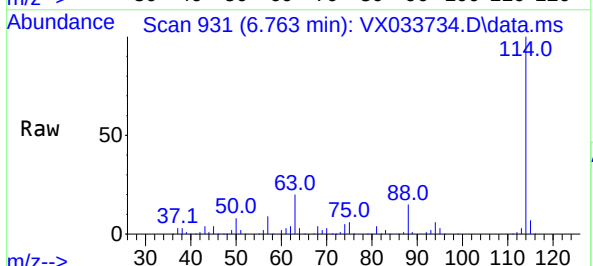
Instrument :
MSVOA_X
ClientSampleId :

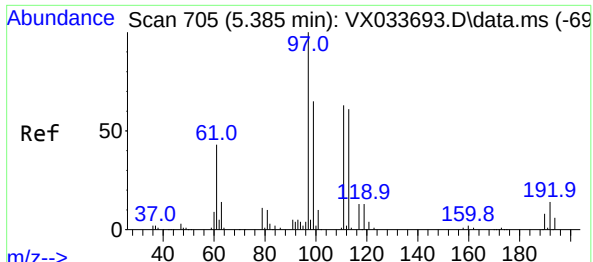
Tgt Ion: 65 Resp: 77582
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

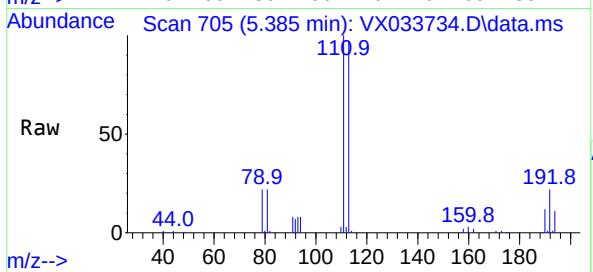
Tgt Ion:114 Resp: 191058
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 14.7 0.0 30.6



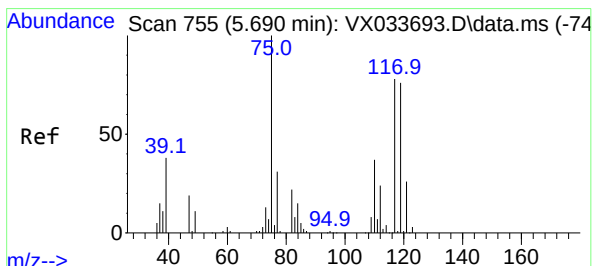
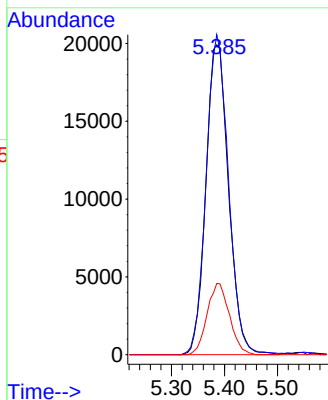
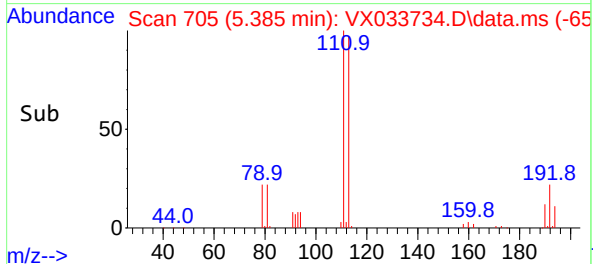


#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

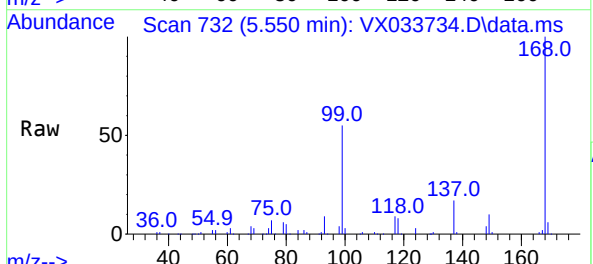
Instrument :
MSVOA_X
ClientSampleId :



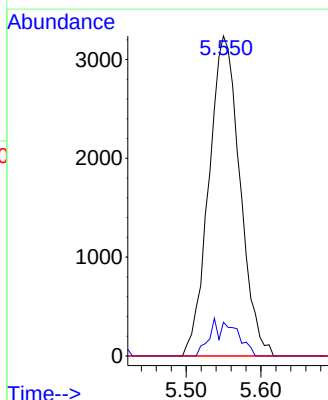
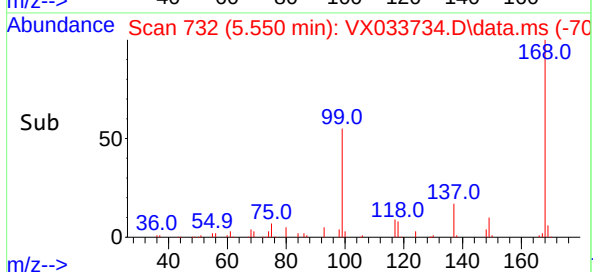
Tgt Ion:113 Resp: 59445
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 22.5 19.0 28.4

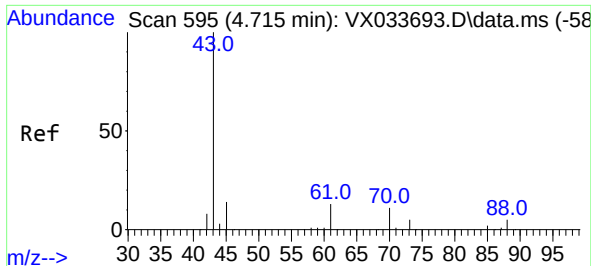


#36
1,1-Dichloropropene
Concen: 5.401 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47



Tgt Ion: 75 Resp: 9352
Ion Ratio Lower Upper
75 100
110 3.7 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 10.508 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

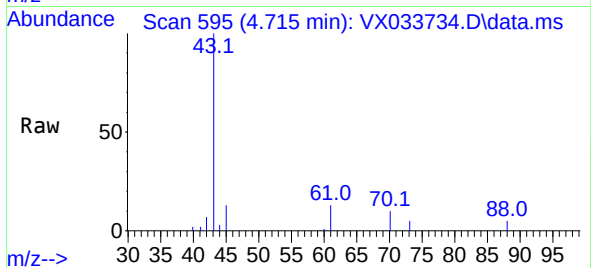
Lab File: VX033734.D

Acq: 13 Jan 2023 19:47

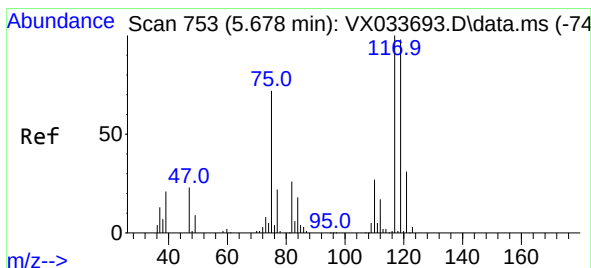
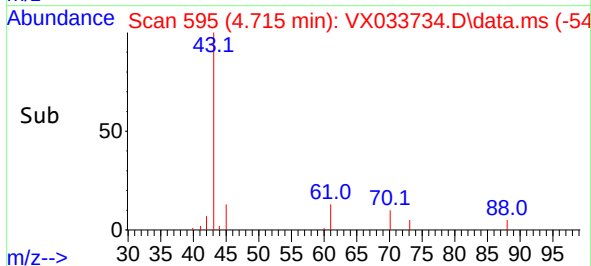
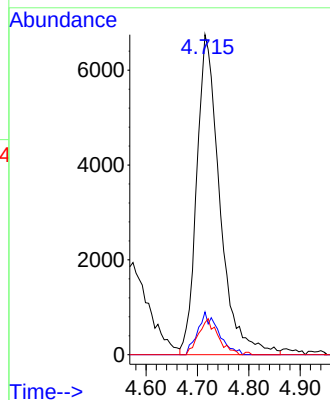
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	21090
Ion	Ratio	Lower	Upper
43	100		
61	12.0	11.1	16.7
70	9.5	8.5	12.7



#38

Carbon Tetrachloride

Concen: 6.825 ug/l

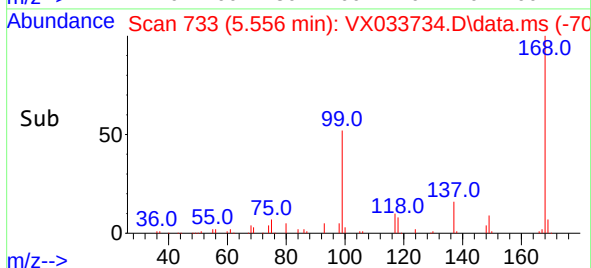
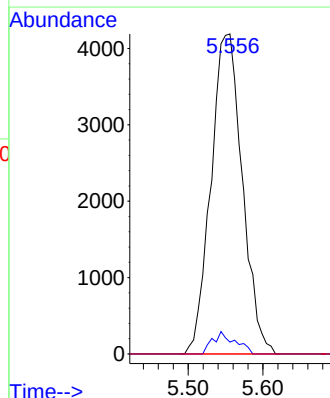
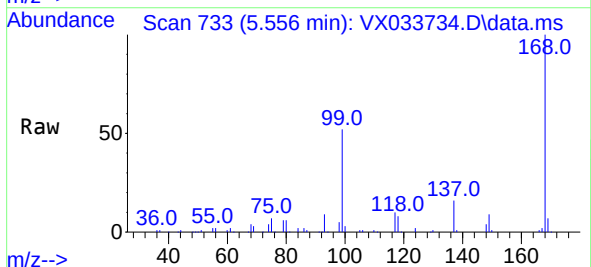
RT: 5.556 min Scan# 733

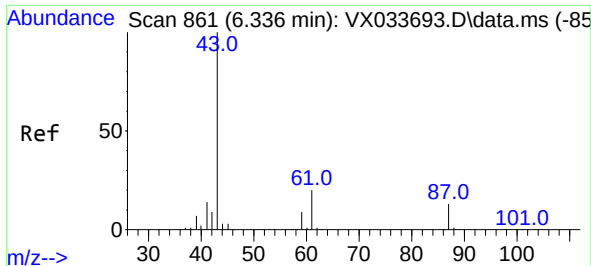
Delta R.T. -0.122 min

Lab File: VX033734.D

Acq: 13 Jan 2023 19:47

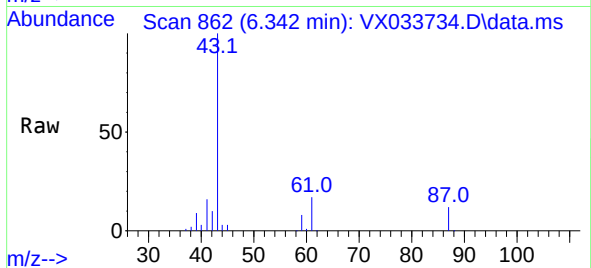
Tgt Ion:	117	Resp:	12239
Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.0	117.0#
121	0.0	24.4	36.6#



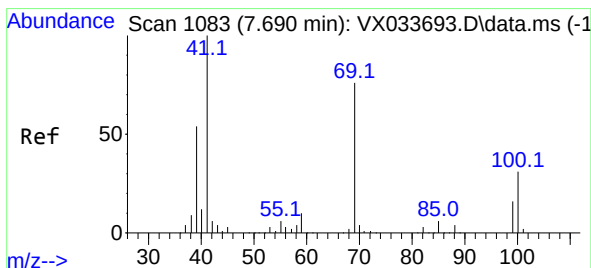
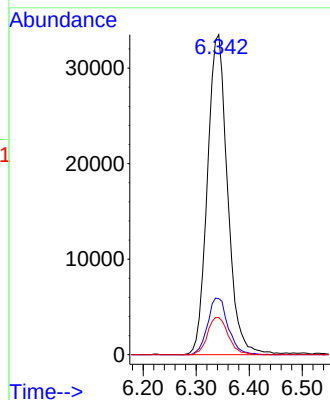
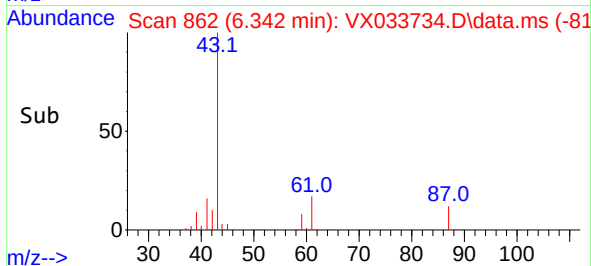


#43
Isopropyl Acetate
Concen: 32.320 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :

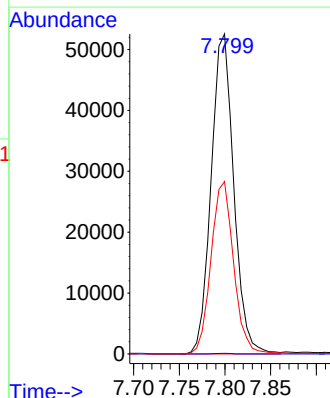
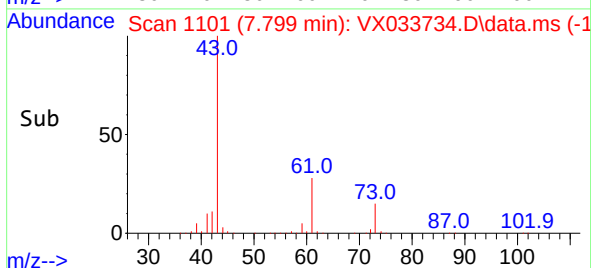
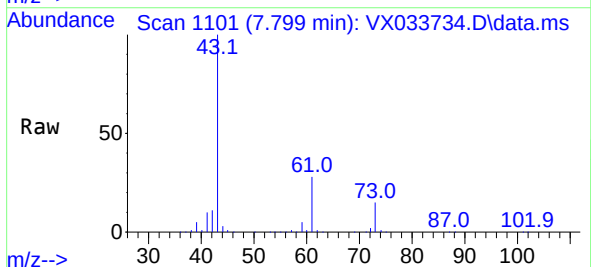


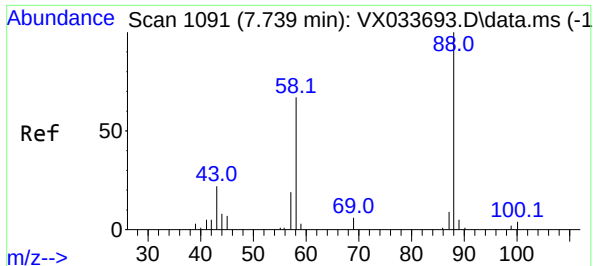
Tgt Ion: 43 Resp: 88344
Ion Ratio Lower Upper
43 100
61 18.0 15.7 23.5
87 12.0 10.6 15.8



#48
Methyl methacrylate
Concen: 65.645 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Tgt Ion: 41 Resp: 90388
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 54.0 43.2 64.8





#49

1,4-Dioxane

Concen: 1.740 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.055 min

Lab File: VX033734.D

Acq: 13 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

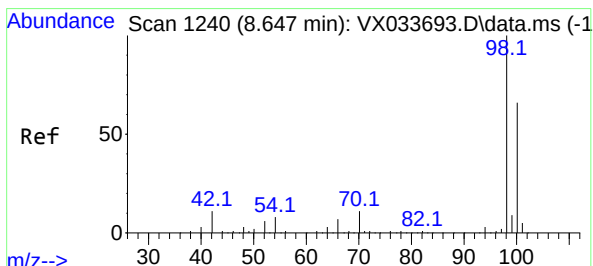
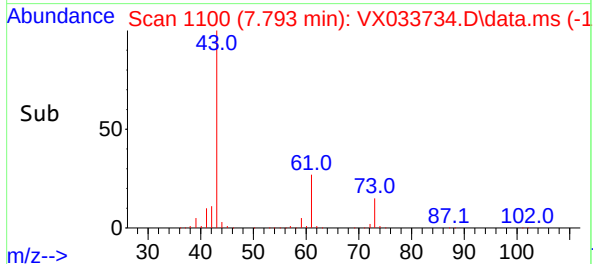
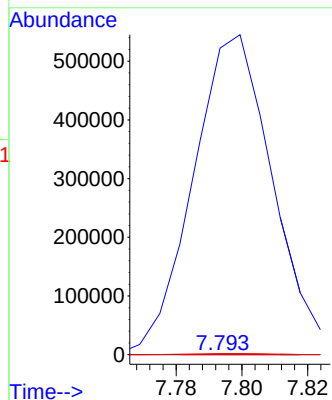
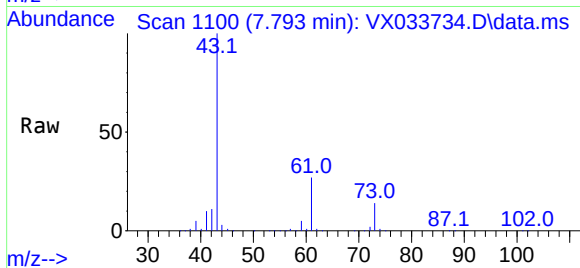
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 1757666.0 0.0 0.0#

58 7200.0 56.5 84.7#



#50

Toluene-d8

Concen: 54.700 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033734.D

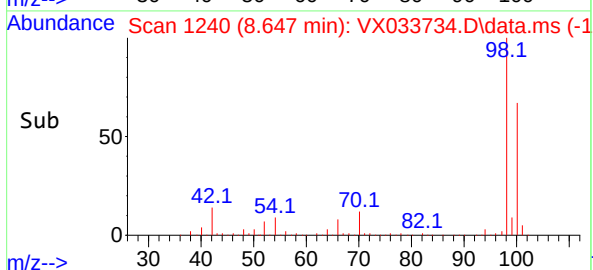
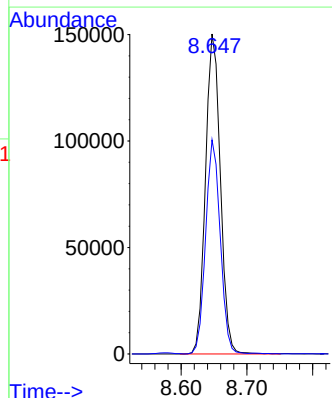
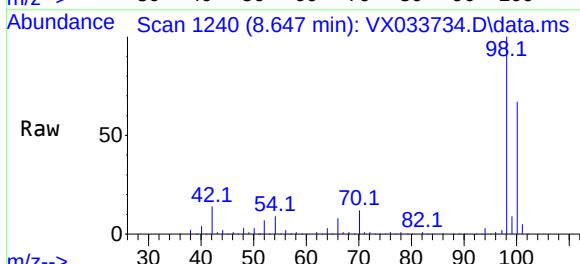
Acq: 13 Jan 2023 19:47

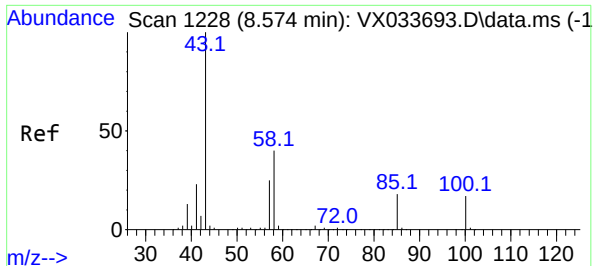
Tgt Ion: 98 Resp: 236443

Ion Ratio Lower Upper

98 100

100 65.6 53.6 80.4

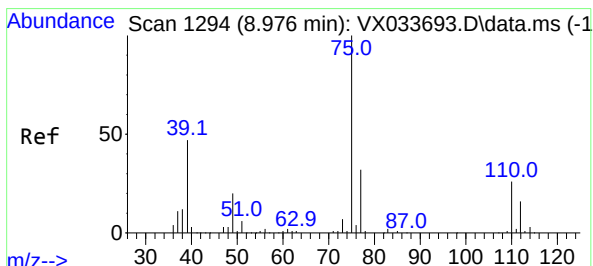
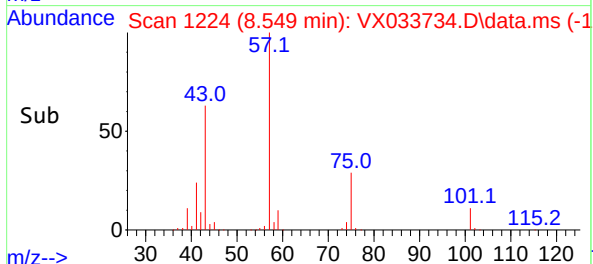
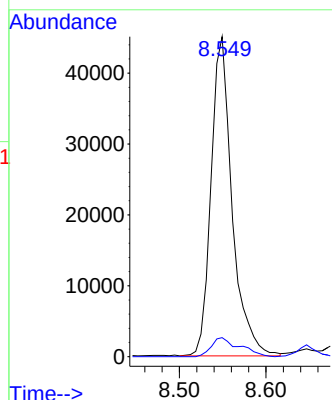
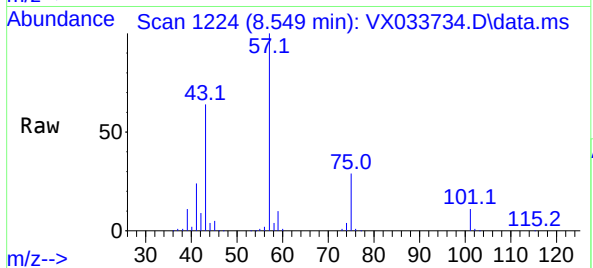




#51
4-Methyl-2-Pentanone
Concen: 45.240 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

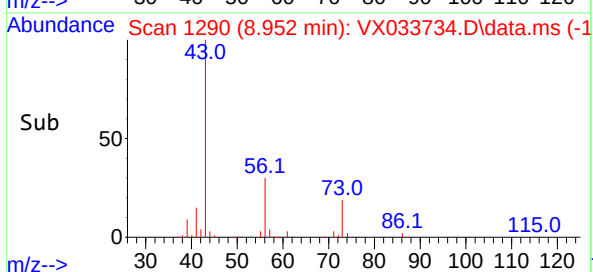
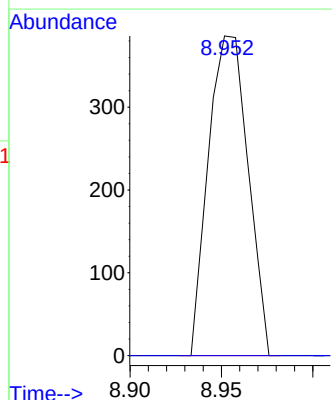
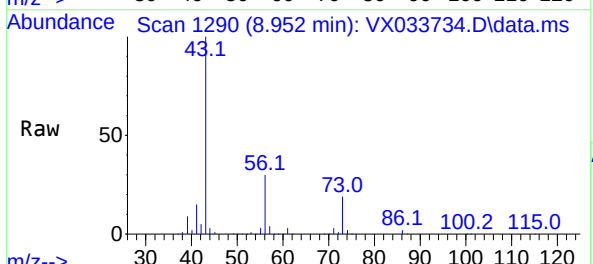
Instrument :
MSVOA_X
ClientSampleId :

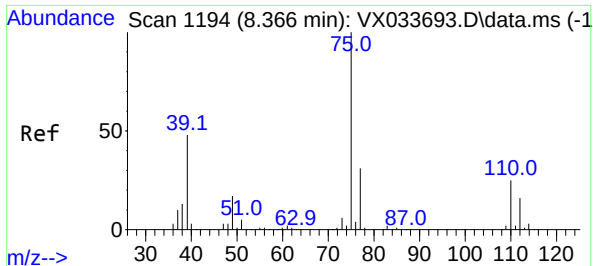
Tgt Ion: 43 Resp: 75945
Ion Ratio Lower Upper
43 100
58 8.1 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.343 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Tgt Ion: 75 Resp: 584
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#





#54

cis-1,3-Dichloropropene

Concen: 15.826 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX033734.D

Acq: 13 Jan 2023 19:47

Instrument :

MSVOA_X

ClientSampleId :

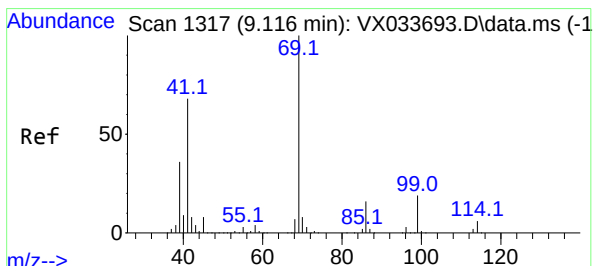
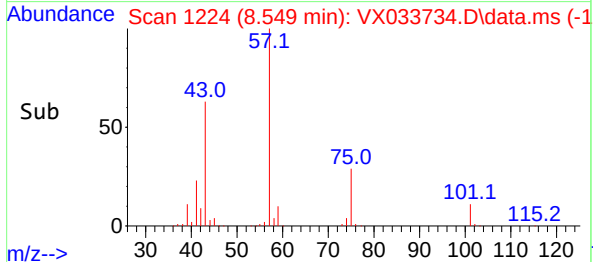
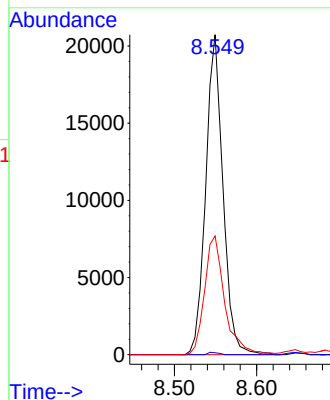
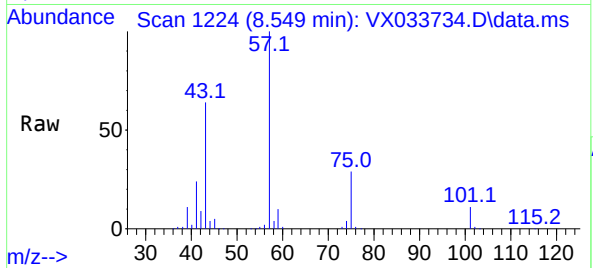
Tgt Ion: 75 Resp: 30180

Ion Ratio Lower Upper

75 100

77 0.6 25.0 37.6#

39 37.1 38.6 58.0#



#56

Ethyl methacrylate

Concen: 0.373 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. 0.128 min

Lab File: VX033734.D

Acq: 13 Jan 2023 19:47

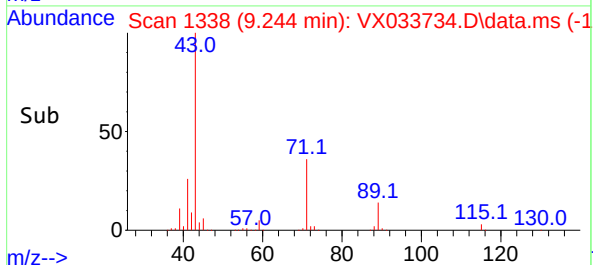
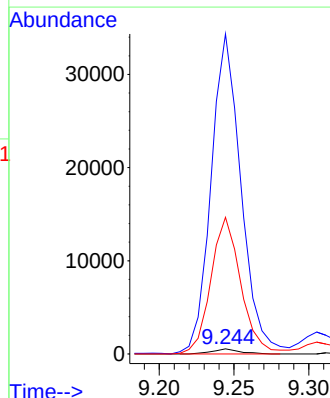
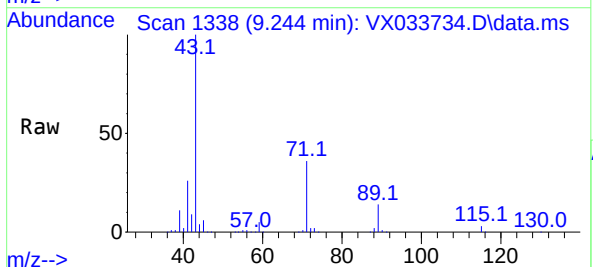
Tgt Ion: 69 Resp: 677

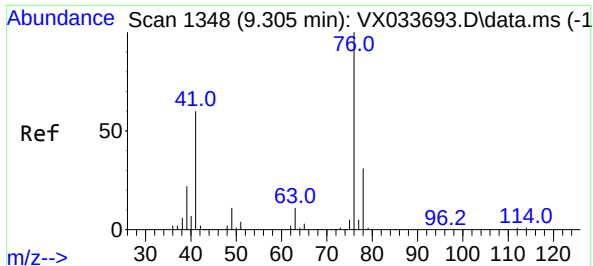
Ion Ratio Lower Upper

69 100

41 7102.7 55.1 82.7#

39 3018.3 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 2.062 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX033734.D

Acq: 13 Jan 2023 19:47

Instrument :

MSVOA_X

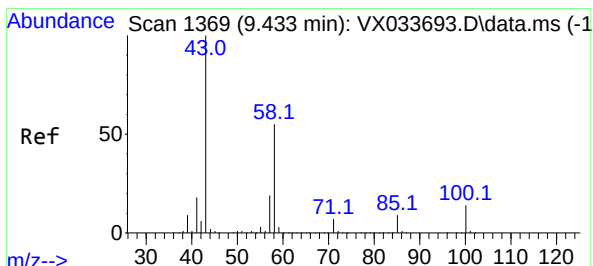
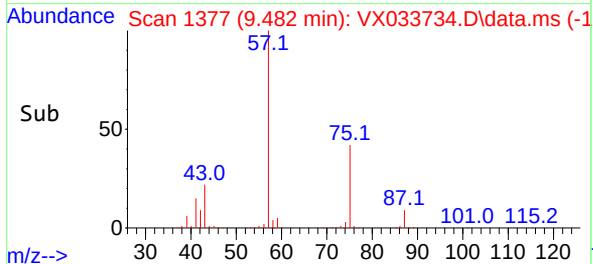
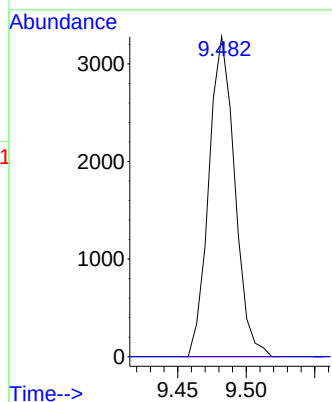
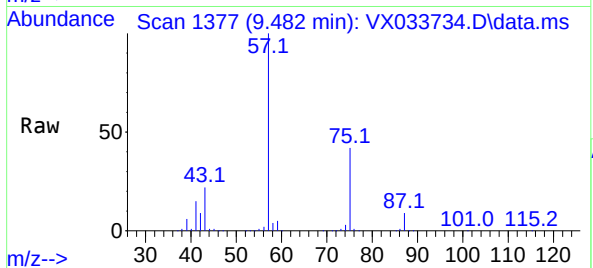
ClientSampleId :

Tgt Ion: 76 Resp: 4313

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 54.962 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033734.D

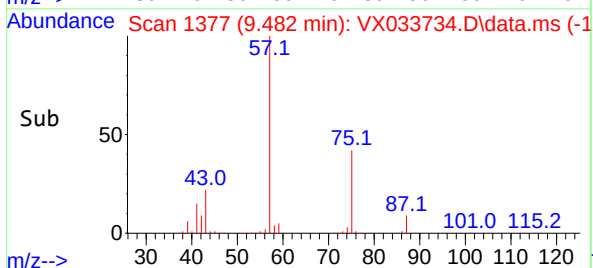
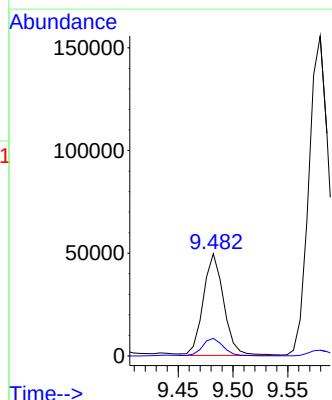
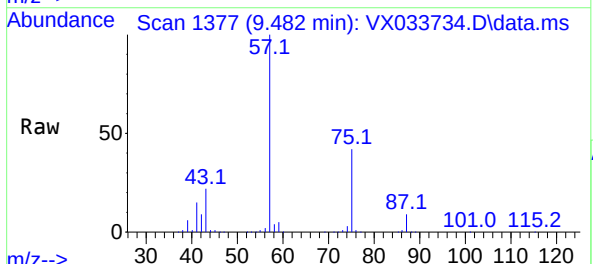
Acq: 13 Jan 2023 19:47

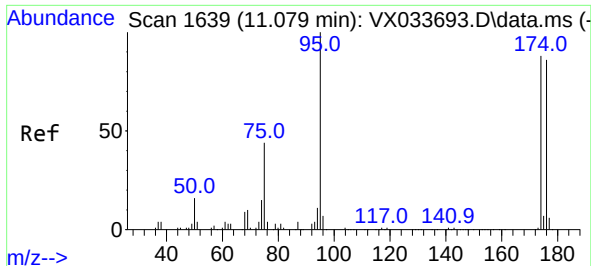
Tgt Ion: 43 Resp: 64219

Ion Ratio Lower Upper

43 100

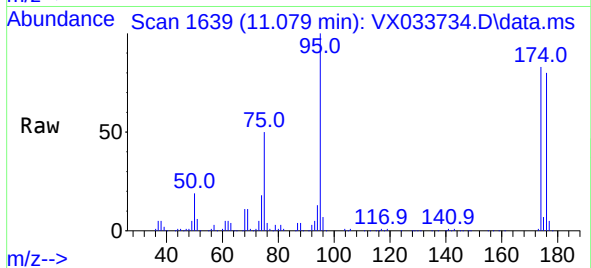
58 17.9 27.4 82.0#



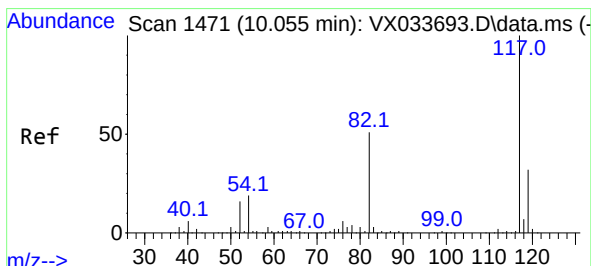
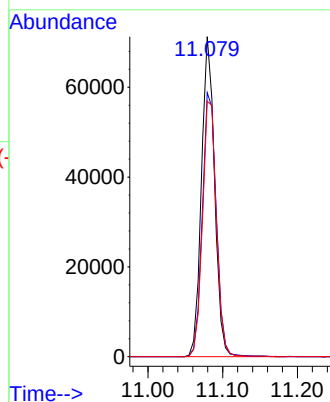
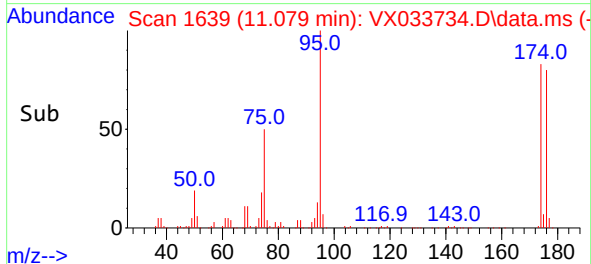


#62
4-Bromofluorobenzene
Concen: 54.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

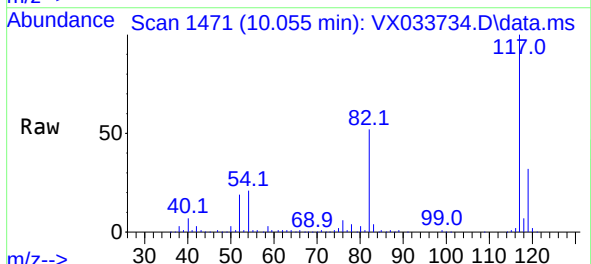
Instrument :
MSVOA_X
ClientSampleId :



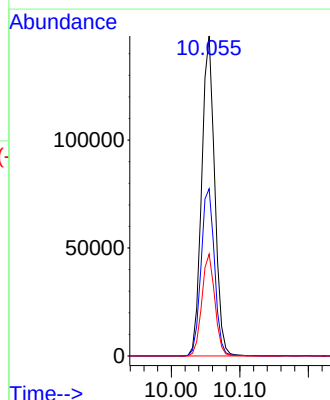
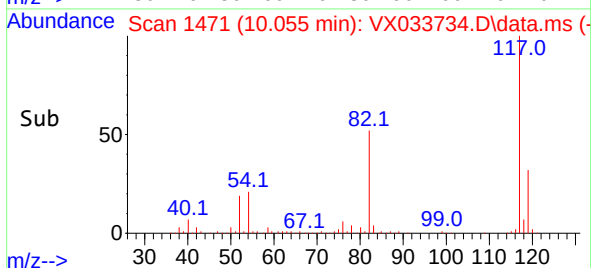
Tgt Ion: 95 Resp: 86822
Ion Ratio Lower Upper
95 100
174 87.8 0.0 184.4
176 84.9 0.0 178.8

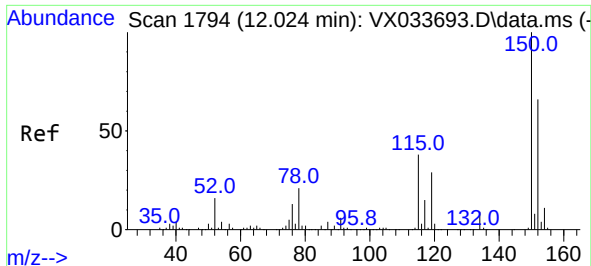


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47



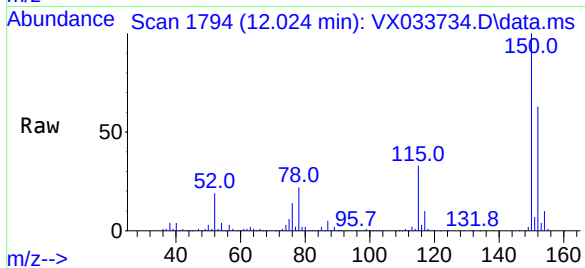
Tgt Ion: 117 Resp: 196690
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 31.9 25.6 38.4



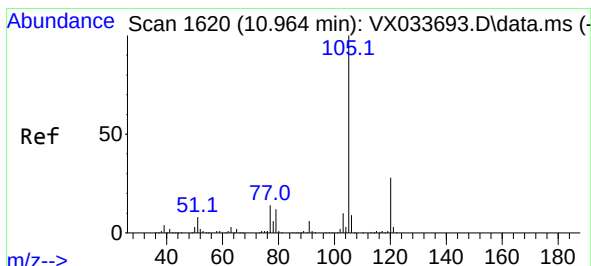
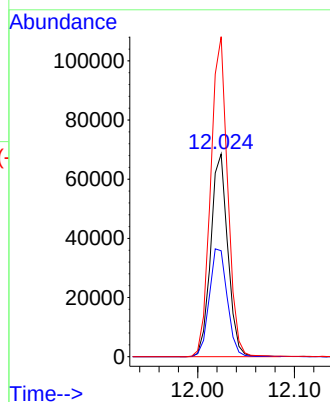
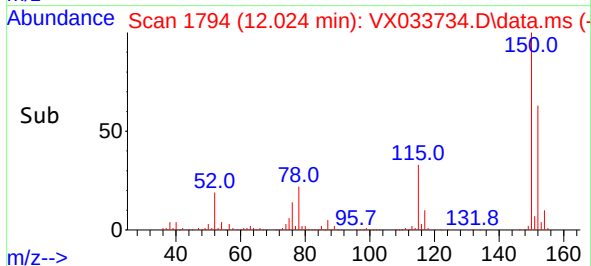


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :

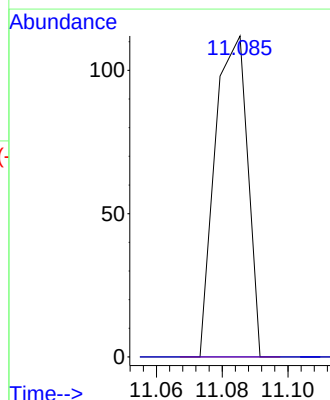
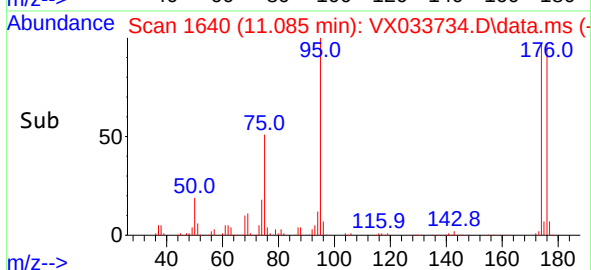
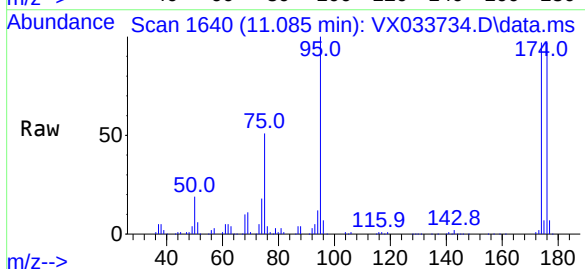


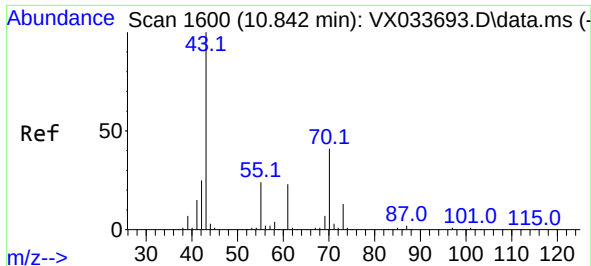
Tgt Ion:152 Resp: 84005
Ion Ratio Lower Upper
152 100
115 56.4 38.7 116.1
150 158.0 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. 0.121 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

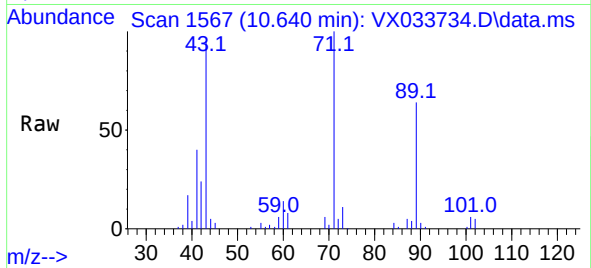
Tgt Ion:105 Resp: 77
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



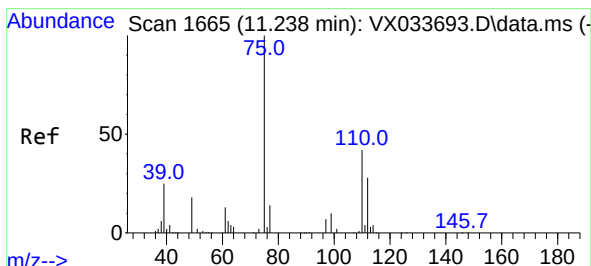
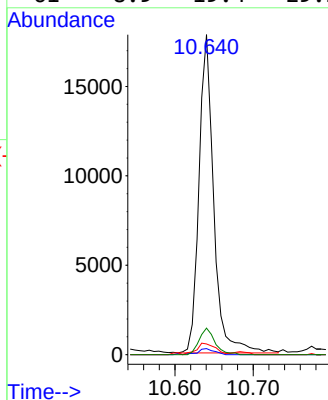
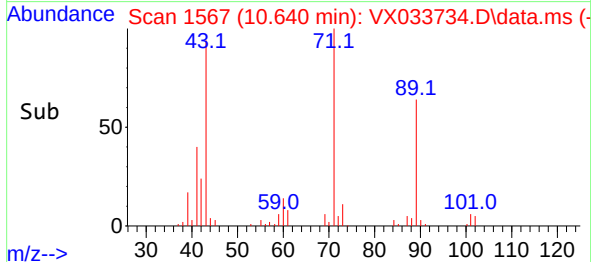


#74
N-amy1 acetate
Concen: 10.587 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :

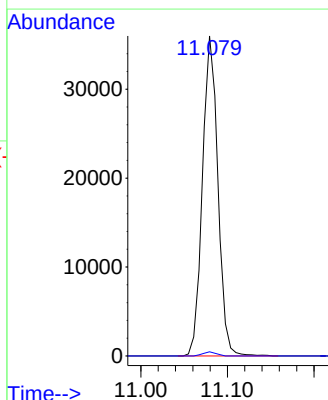
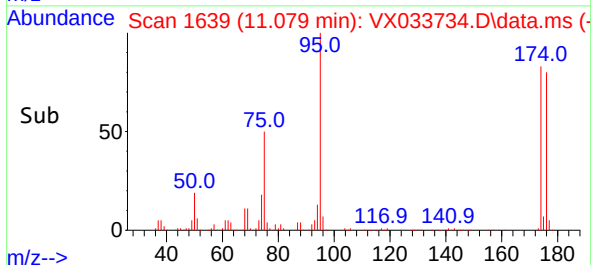
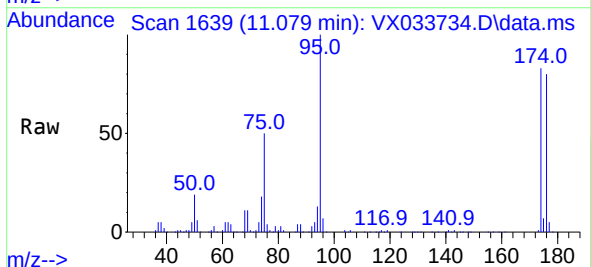


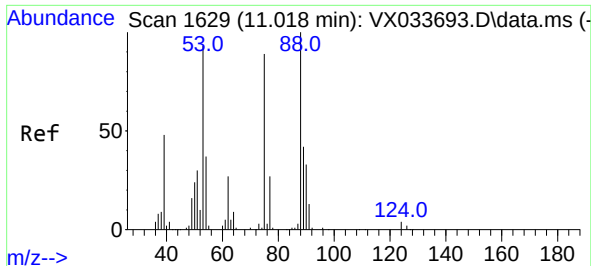
Tgt Ion: 43 Resp: 23355
Ion Ratio Lower Upper
43 100
70 2.2 34.8 52.2#
55 4.5 19.4 29.0#
61 8.9 19.4 29.2#



#76
1,2,3-Trichloropropane
Concen: 28.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033734.D
Acq: 13 Jan 2023 19:47

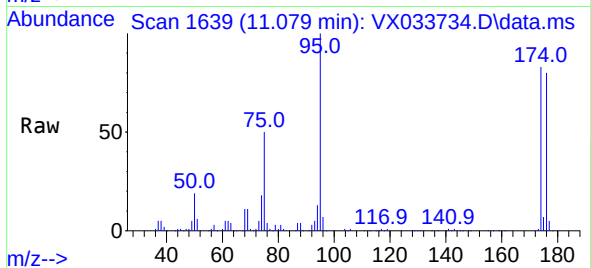
Tgt Ion: 75 Resp: 44547
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.699 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033734.D
 Acq: 13 Jan 2023 19:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44547
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.2 37.7 56.5#

