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 Data File : VX043734.D
 Acq On : 07 Nov 2024 14:19
 Operator : JC/MD
 Sample : P4719-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

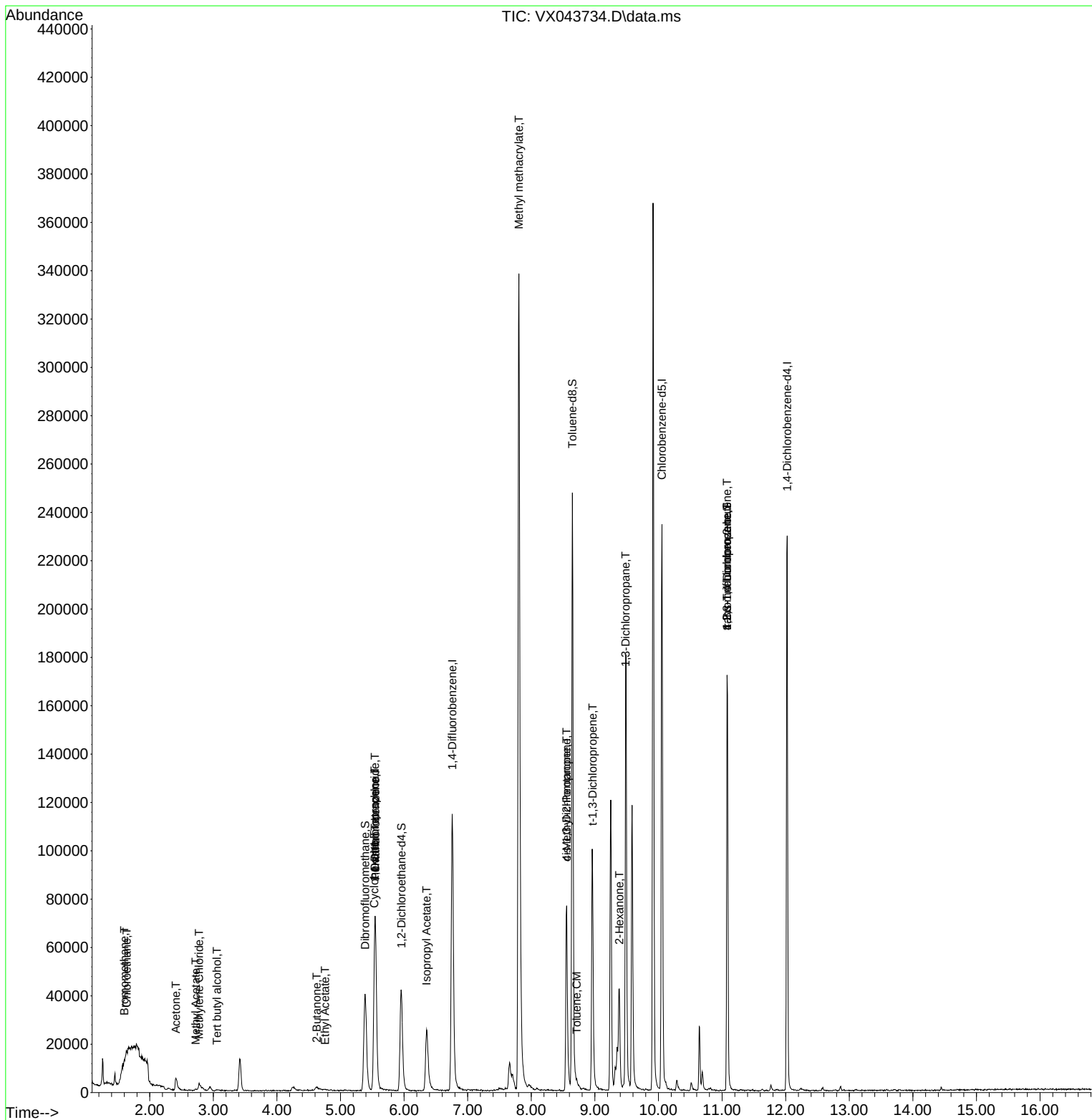
Instrument :
 MSVOA_X
 ClientSampleId :

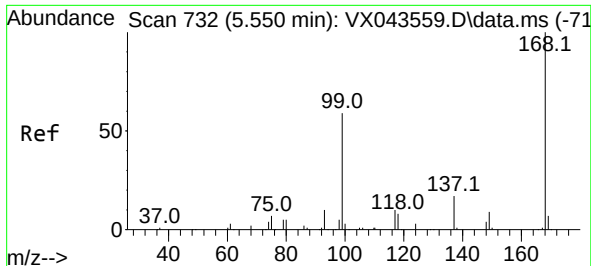
Quant Time: Nov 08 04:07:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	74663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41856	35.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	70.320%#
35) Dibromofluoromethane	5.385	113	38758	43.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.200%
50) Toluene-d8	8.647	98	156479	50.263	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.520%
62) 4-Bromofluorobenzene	11.079	95	53630	46.490	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.980%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	155	0.401	ug/l #	31
6) Chloroethane	1.636	64	191	0.572	ug/l #	84
11) Tert butyl alcohol	3.056	59	365	1.643	ug/l #	100
16) Acetone	2.410	43	7187	15.202	ug/l	94
18) Methyl Acetate	2.721	43	1316	0.952	ug/l #	51
20) Methylene Chloride	2.776	84	1157	1.136	ug/l #	91
25) 2-Butanone	4.623	43	3920	5.684	ug/l	92
31) Cyclohexane	5.532	56	1325	1.054	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	5256	4.929	ug/l #	45
37) Ethyl Acetate	4.757	43	440	0.340	ug/l #	73
38) Carbon Tetrachloride	5.544	117	7264	6.165	ug/l #	14
43) Isopropyl Acetate	6.355	43	40469	18.901	ug/l	96
48) Methyl methacrylate	7.806	41	33805	33.302	ug/l #	41
51) 4-Methyl-2-Pentanone	8.555	43	30600	23.449	ug/l #	50
52) Toluene	8.714	92	494	0.229	ug/l	81
53) t-1,3-Dichloropropene	8.964	75	295	0.232	ug/l #	42
54) cis-1,3-Dichloropropene	8.555	75	16904	12.484	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	2011	1.346	ug/l #	42
59) 2-Hexanone	9.384	43	38550	38.895	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	25063	21.930	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	25063	60.331	ug/l #	7

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

Quant Time: Nov 08 04:07:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
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QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

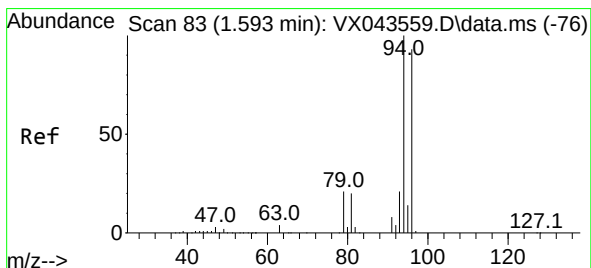
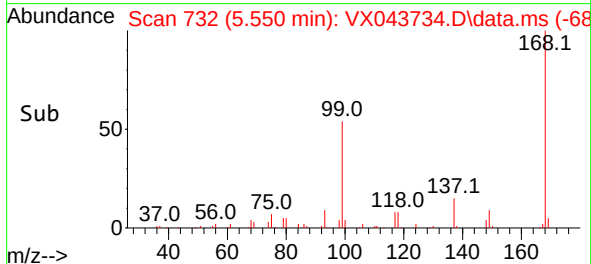
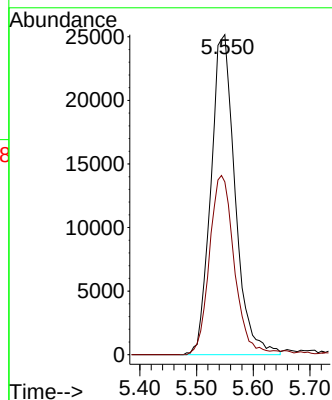
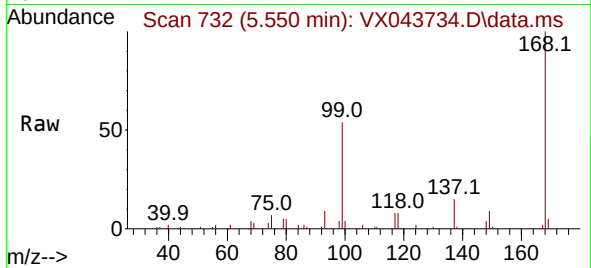




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

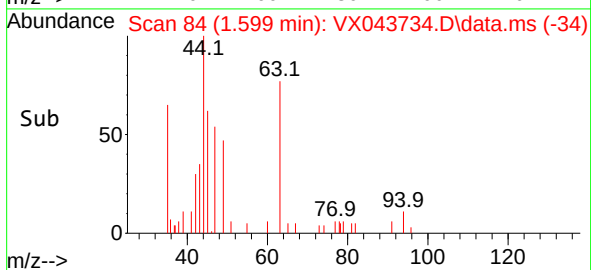
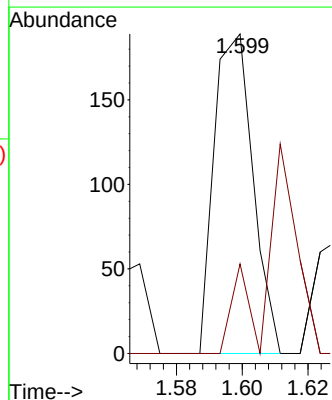
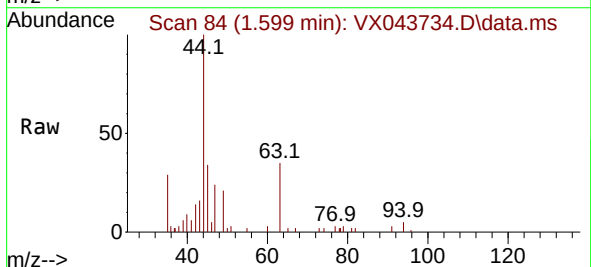
Instrument :
MSVOA_X
ClientSampleId :

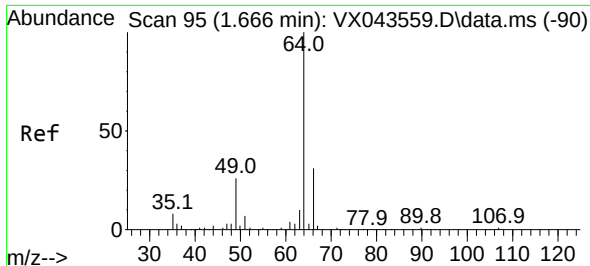
Tgt Ion:168 Resp: 74663
Ion Ratio Lower Upper
168 100
99 54.0 52.6 78.8



#5
Bromomethane
Concen: 0.401 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

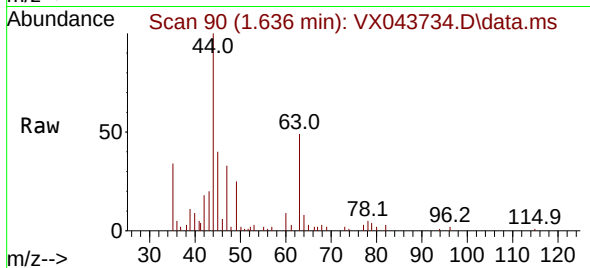
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 28.0 75.9 113.9#



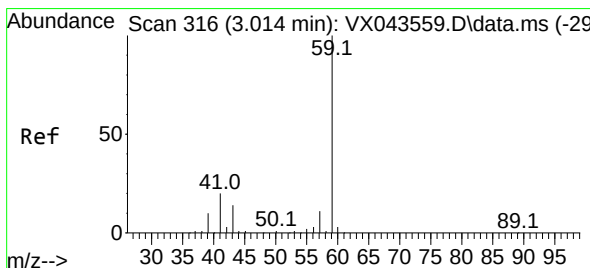
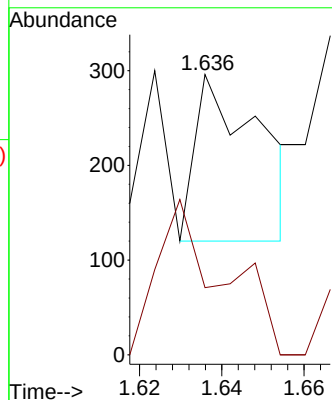
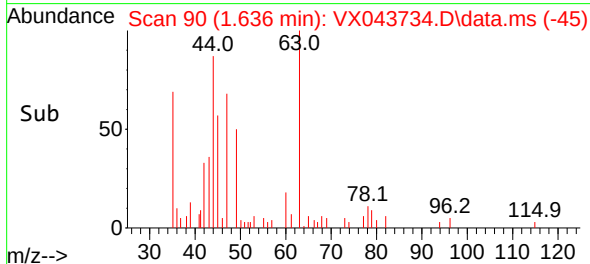


#6
Chloroethane
Concen: 0.572 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

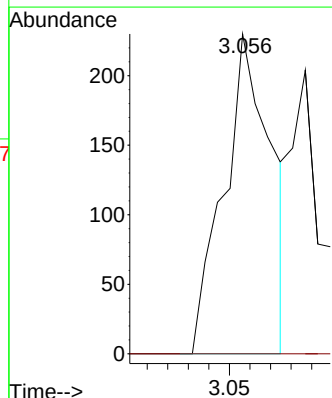
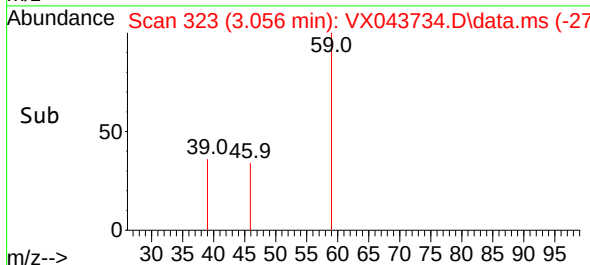
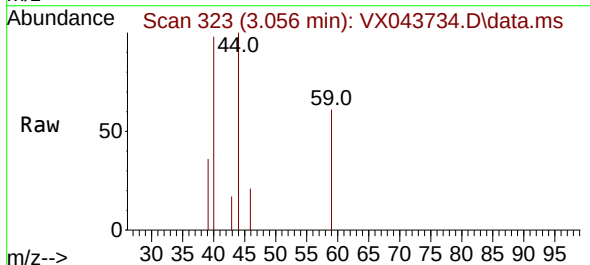


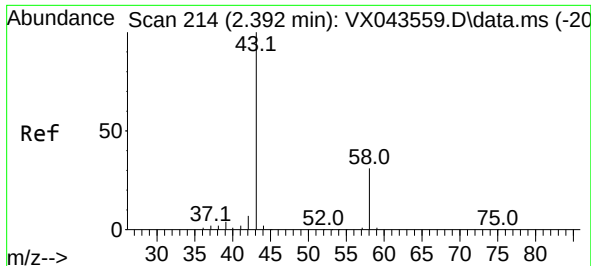
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 40.3 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.643 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.006 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

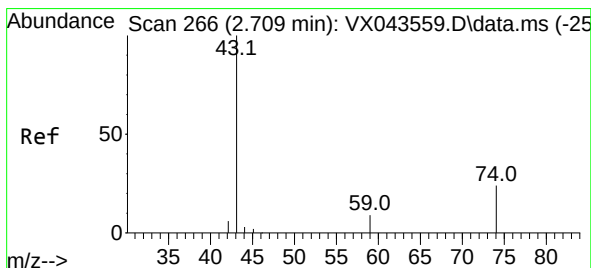
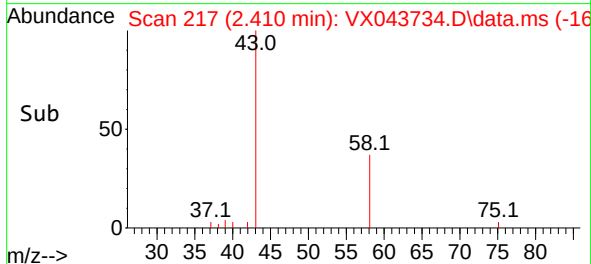
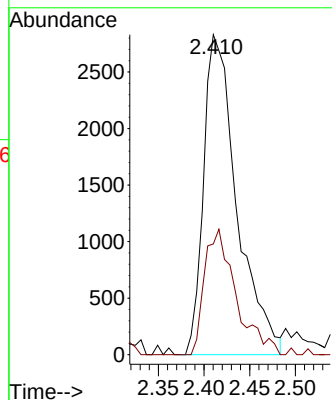
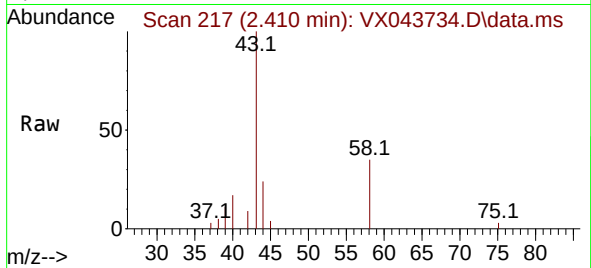




#16
Acetone
Concen: 15.202 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

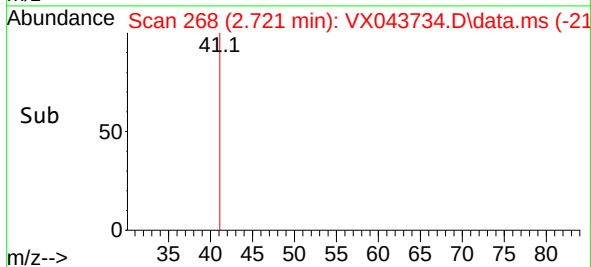
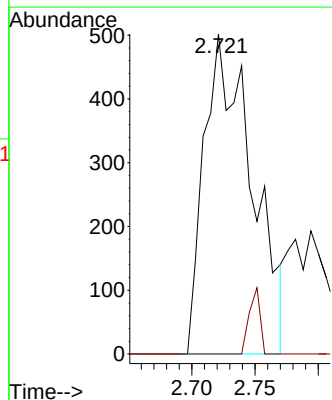
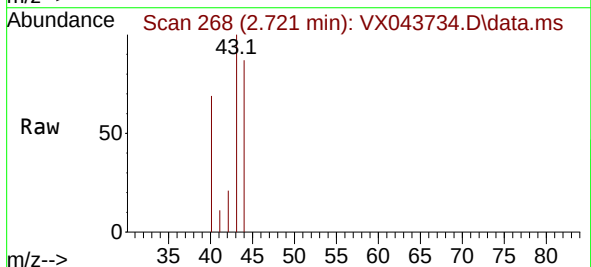
Instrument :
MSVOA_X
ClientSampleId :

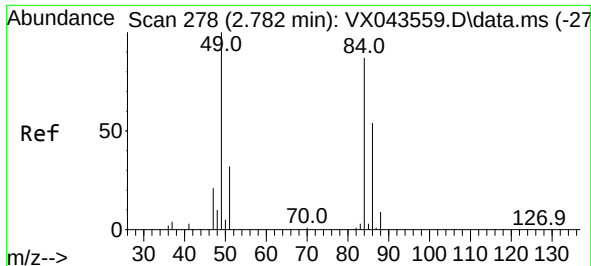
Tgt Ion: 43 Resp: 7187
Ion Ratio Lower Upper
43 100
58 34.6 25.1 37.7



#18
Methyl Acetate
Concen: 0.952 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

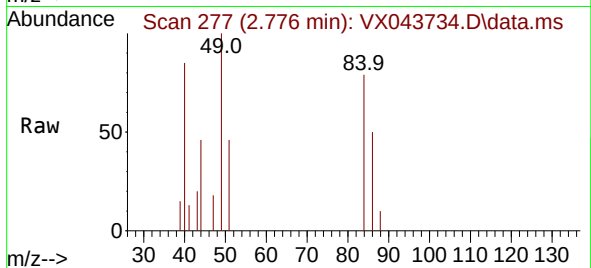
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



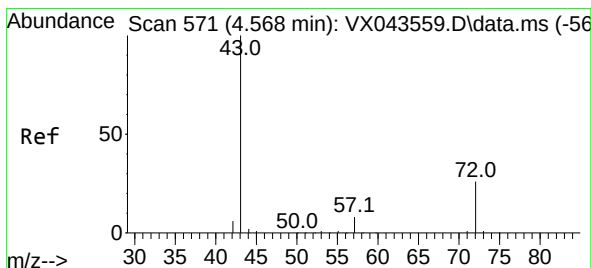
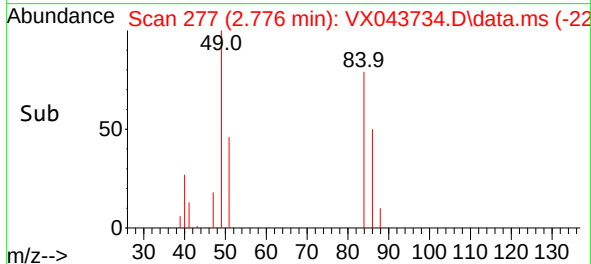
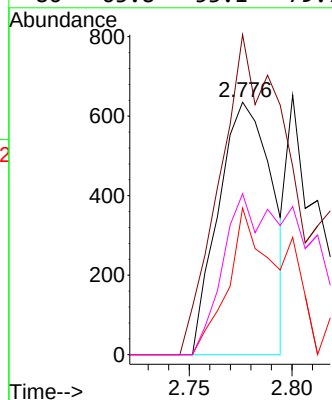


#20
Methylene Chloride
Concen: 1.136 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

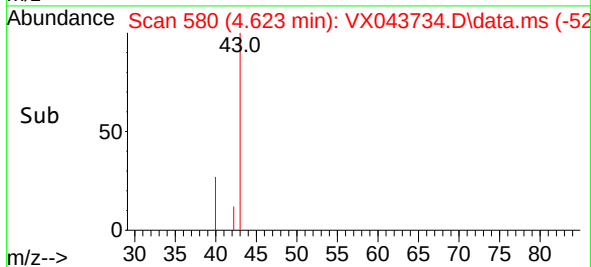
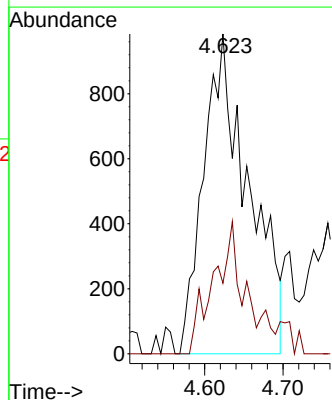
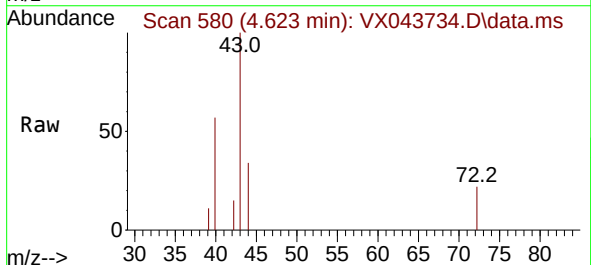


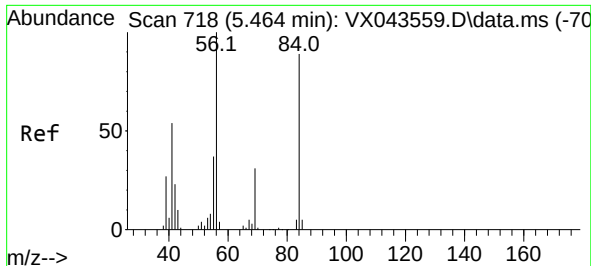
Tgt Ion:	84	Resp:	1157
Ion	Ratio	Lower	Upper
84	100		
49	126.8	97.0	145.6
51	58.1	29.8	44.8#
86	63.8	53.1	79.7



#25
2-Butanone
Concen: 5.684 ug/l
RT: 4.623 min Scan# 580
Delta R.T. 0.055 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

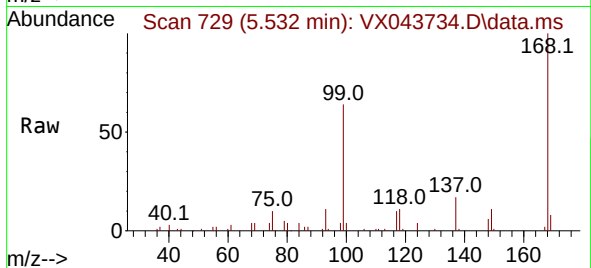
Tgt Ion:	43	Resp:	3920
Ion	Ratio	Lower	Upper
43	100		
72	22.1	21.1	31.7



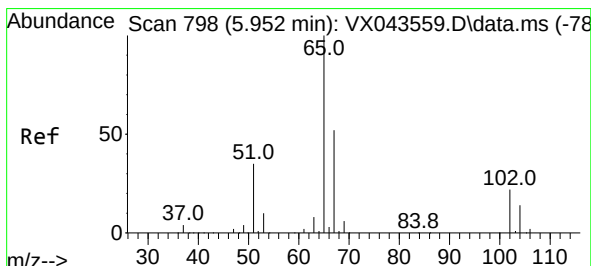
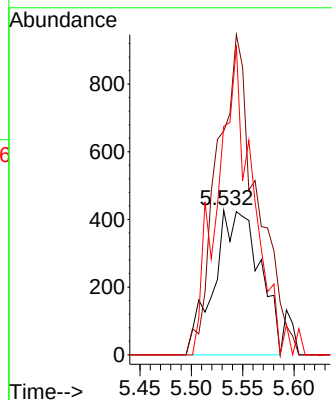
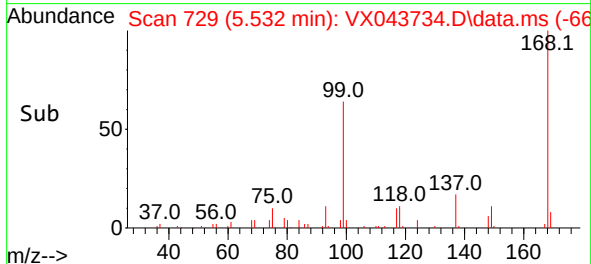


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.532 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

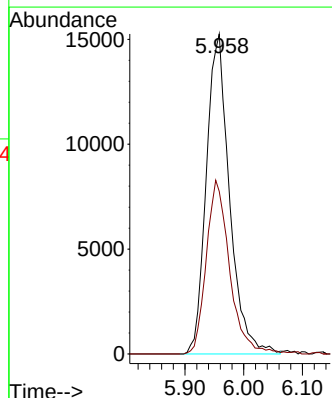
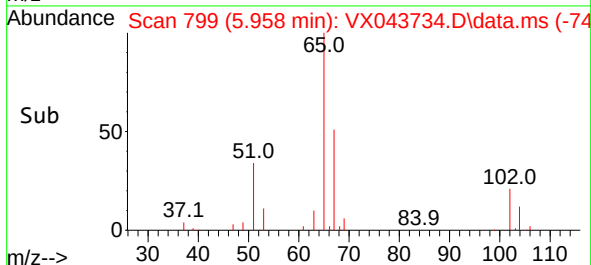
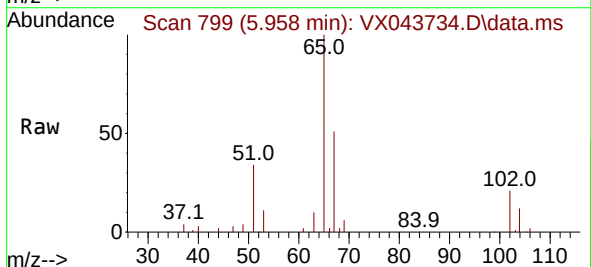


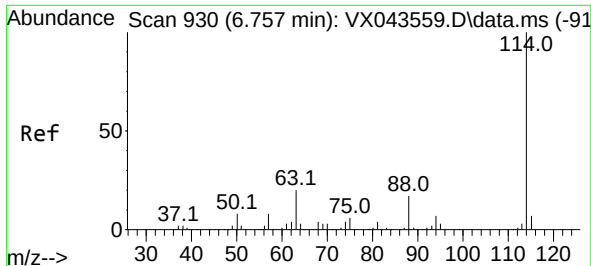
Tgt Ion: 56 Resp: 1325
Ion Ratio Lower Upper
56 100
69 154.8 24.9 37.3#
84 158.1 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 35.158 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Tgt Ion: 65 Resp: 41856
Ion Ratio Lower Upper
65 100
67 54.7 0.0 103.4

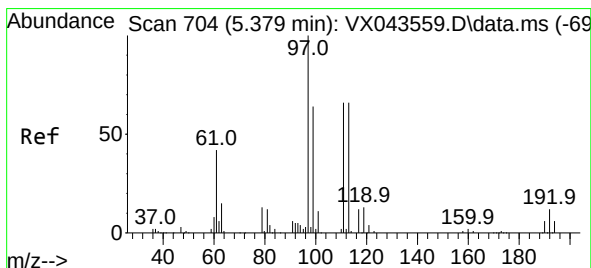
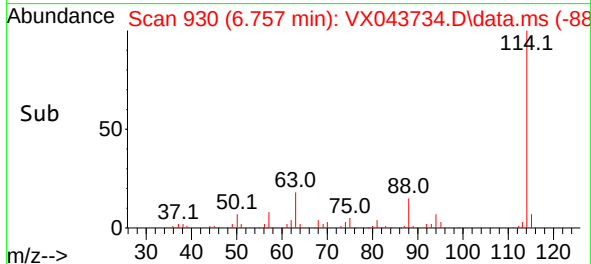
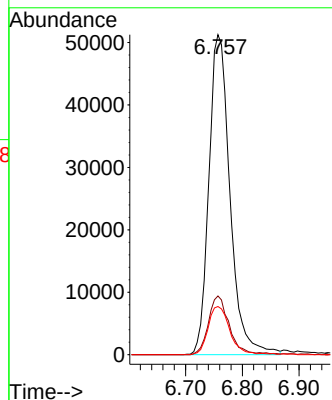
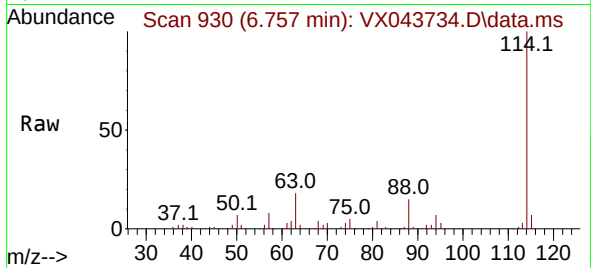




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

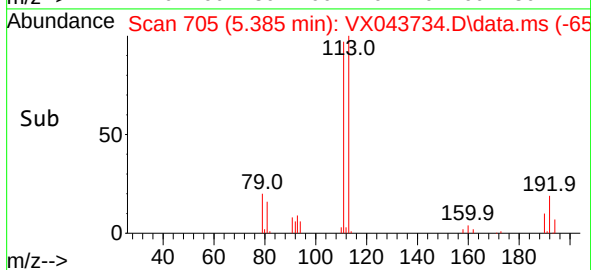
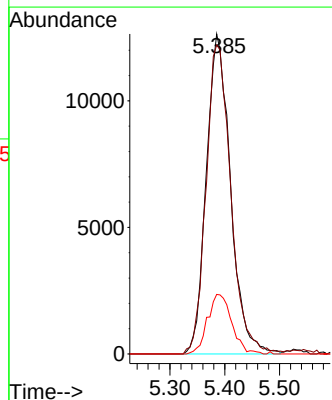
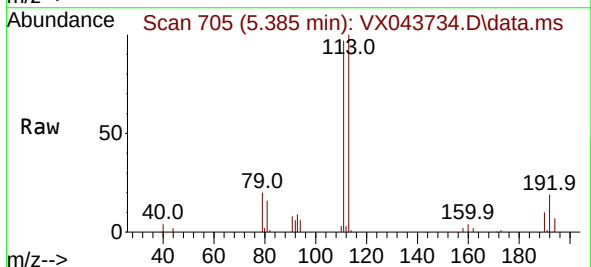
Instrument :
MSVOA_X
ClientSampleId :

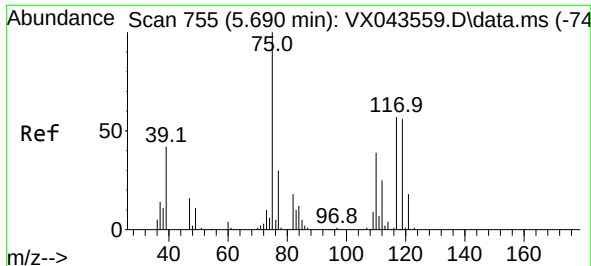
Tgt Ion:114 Resp: 132627
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.2
88 15.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 43.096 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

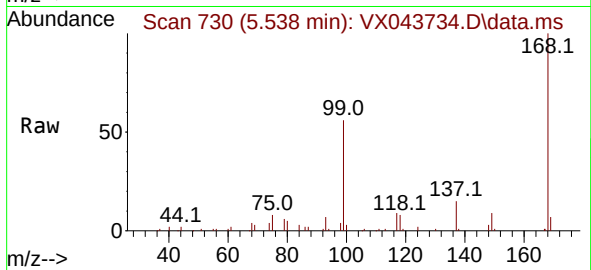
Tgt Ion:113 Resp: 38758
Ion Ratio Lower Upper
113 100
111 99.0 81.4 122.0
192 18.6 14.1 21.1



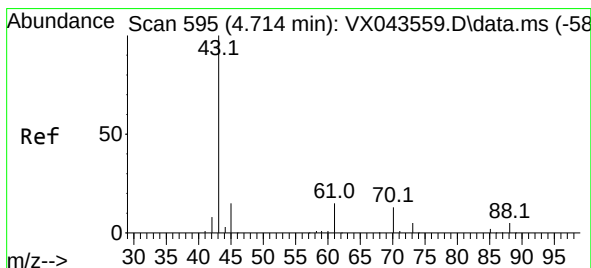
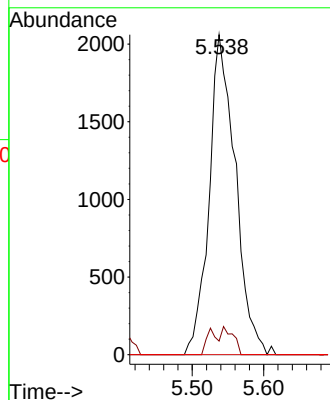
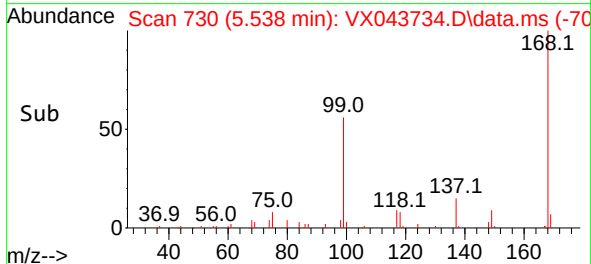


#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

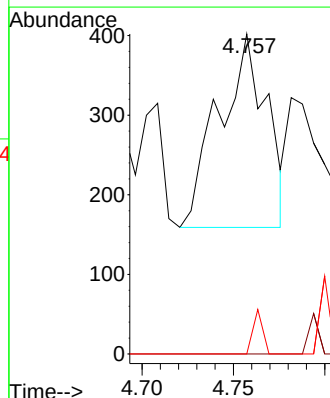
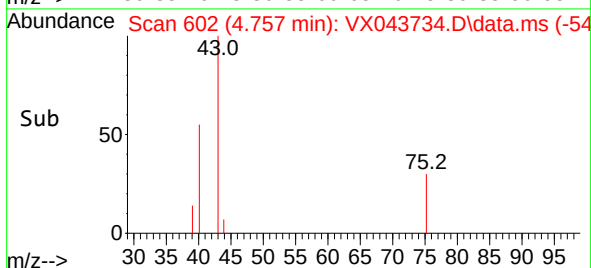
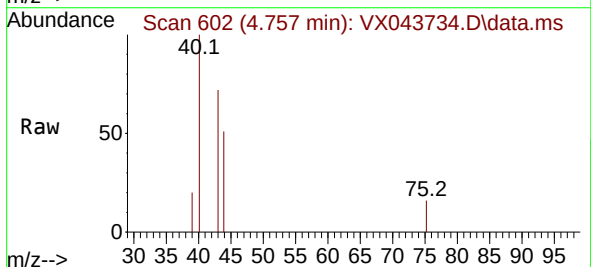


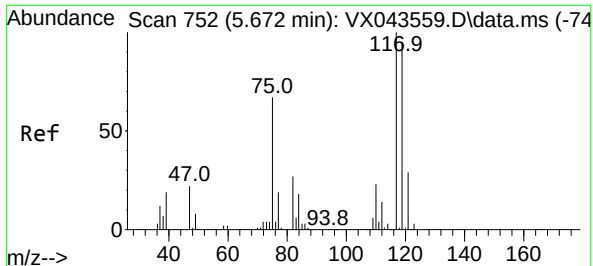
Tgt Ion: 75 Resp: 5256
Ion Ratio Lower Upper
75 100
110 3.8 17.9 53.7#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.340 ug/l
RT: 4.757 min Scan# 602
Delta R.T. 0.037 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

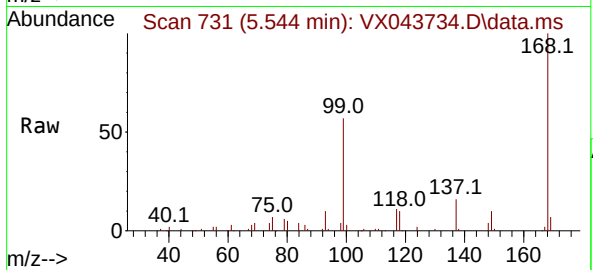
Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 4.5 8.9 13.3#



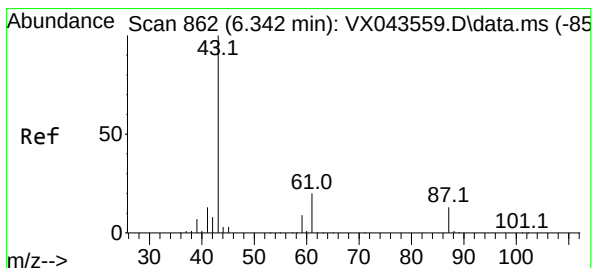
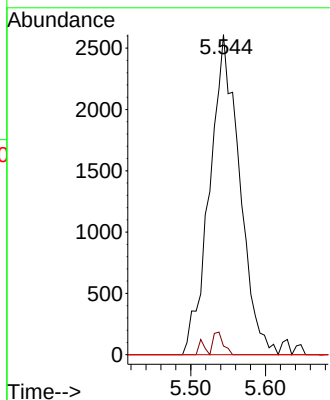
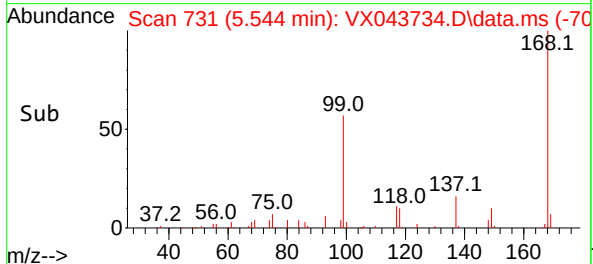


#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

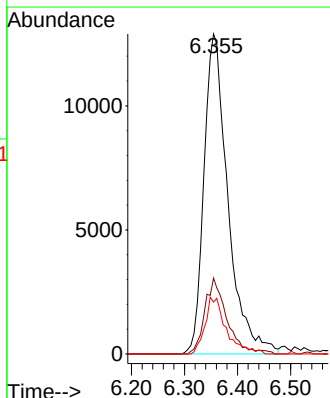
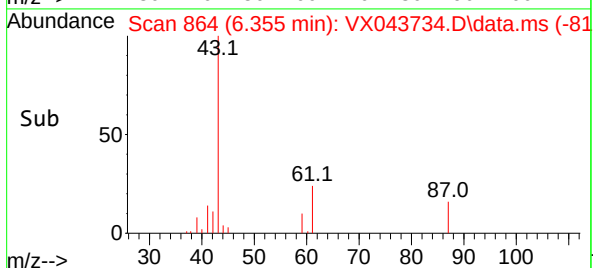
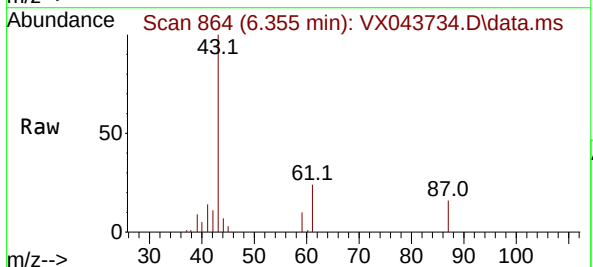


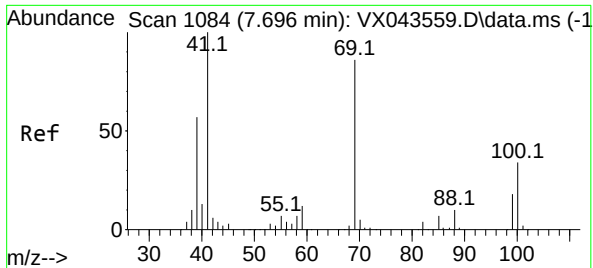
Tgt Ion:117 Resp: 7264
Ion Ratio Lower Upper
117 100
119 2.7 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 18.901 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Tgt Ion: 43 Resp: 40469
Ion Ratio Lower Upper
43 100
61 21.9 16.2 24.4
87 15.7 11.0 16.6

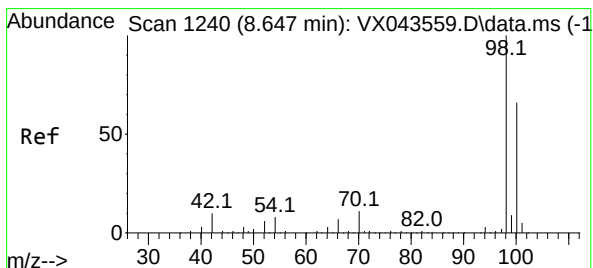
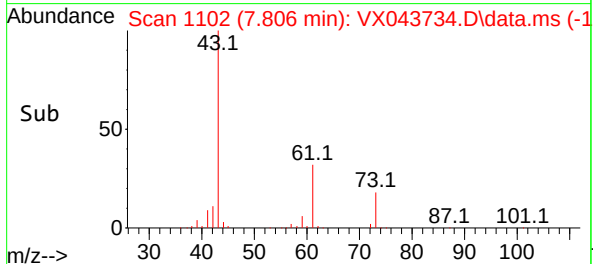
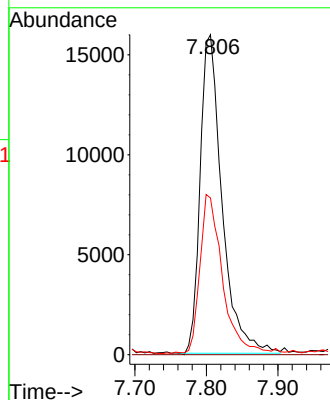
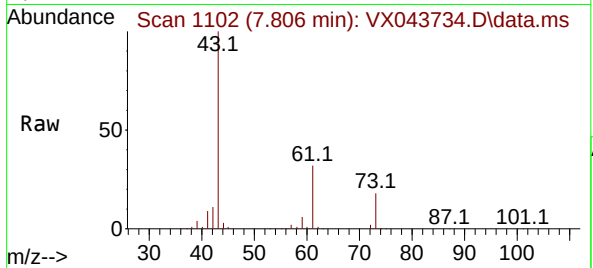




#48
Methyl methacrylate
Concen: 33.302 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

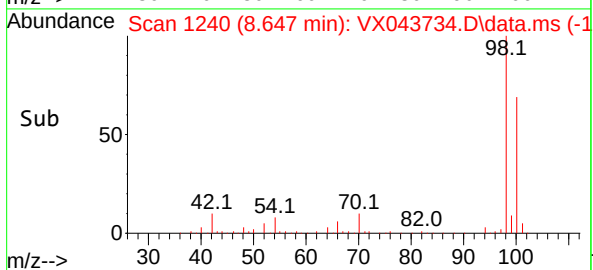
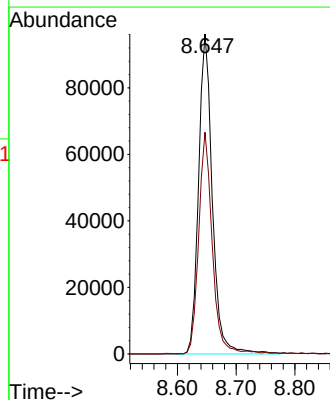
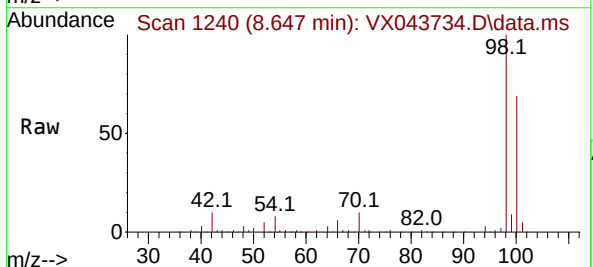
Instrument :
MSVOA_X
ClientSampleId :

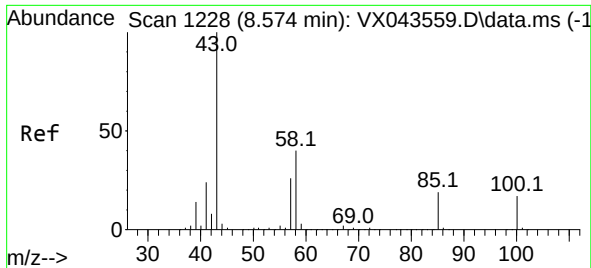
Tgt Ion: 41 Resp: 33805
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 51.2 46.3 69.5



#50
Toluene-d8
Concen: 50.263 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

Tgt Ion: 98 Resp: 156479
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 23.449 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.024 min

Lab File: VX043734.D

Acq: 07 Nov 2024 14:19

Instrument :

MSVOA_X

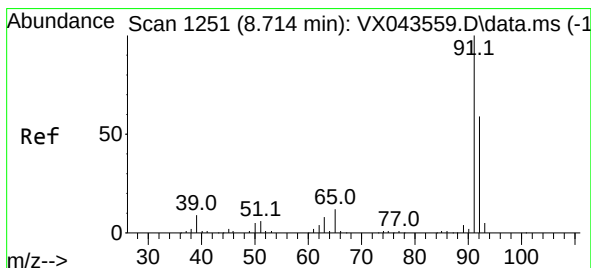
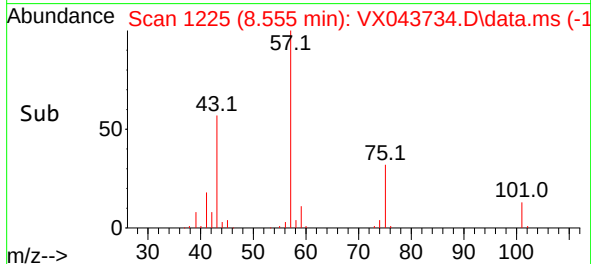
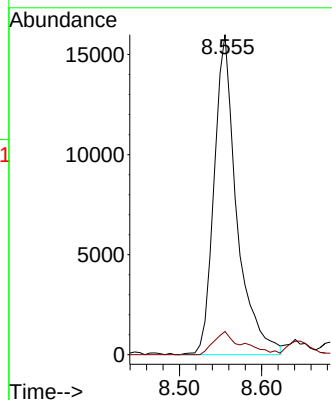
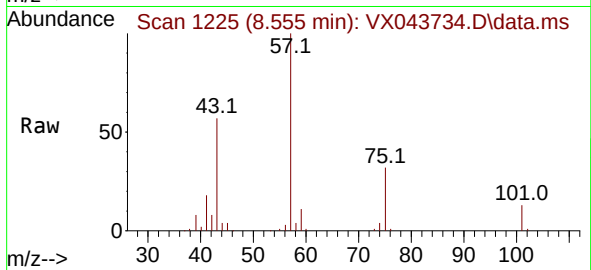
ClientSampleId :

Tgt Ion: 43 Resp: 30600

Ion Ratio Lower Upper

43 100

58 8.9 31.7 47.5#



#52

Toluene

Concen: 0.229 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043734.D

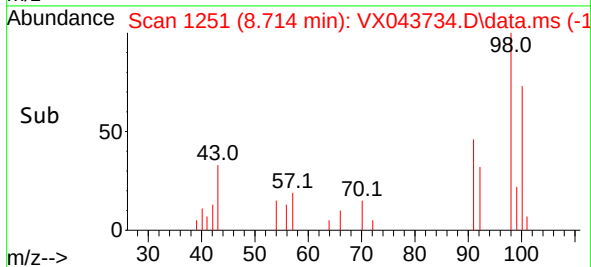
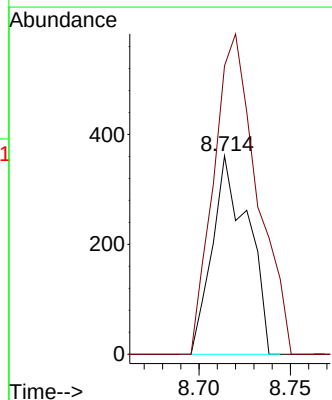
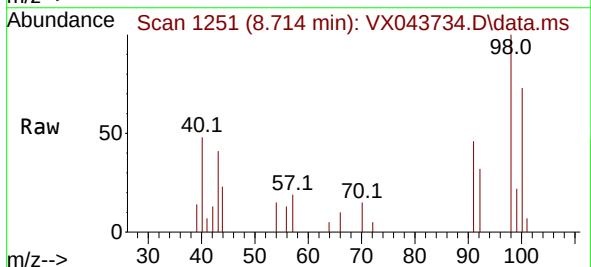
Acq: 07 Nov 2024 14:19

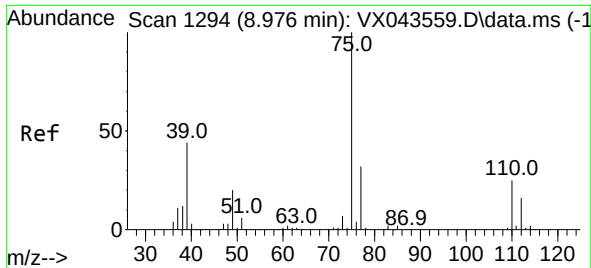
Tgt Ion: 92 Resp: 494

Ion Ratio Lower Upper

92 100

91 195.1 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 0.232 ug/l

RT: 8.964 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX043734.D

Acq: 07 Nov 2024 14:19

Instrument :

MSVOA_X

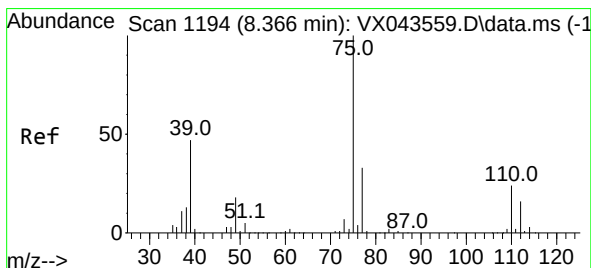
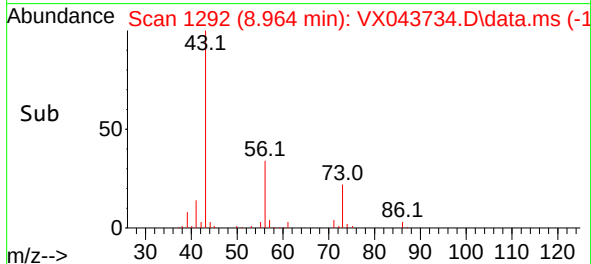
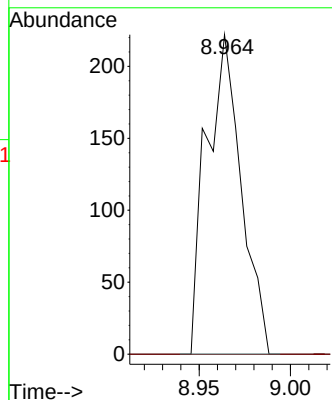
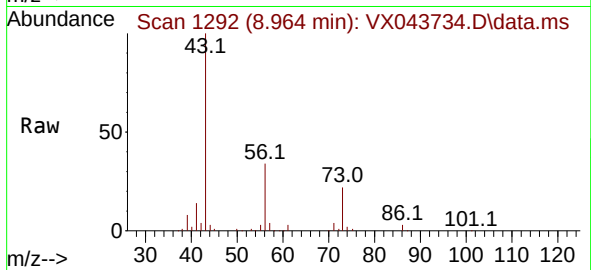
ClientSampleId :

Tgt Ion: 75 Resp: 295

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#



#54

cis-1,3-Dichloropropene

Concen: 12.484 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. 0.189 min

Lab File: VX043734.D

Acq: 07 Nov 2024 14:19

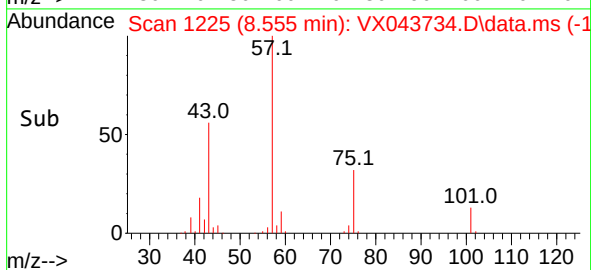
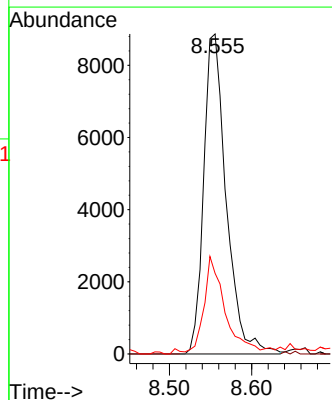
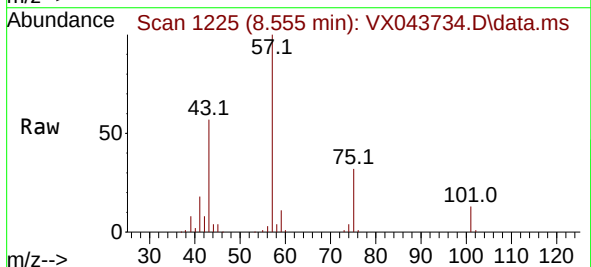
Tgt Ion: 75 Resp: 16904

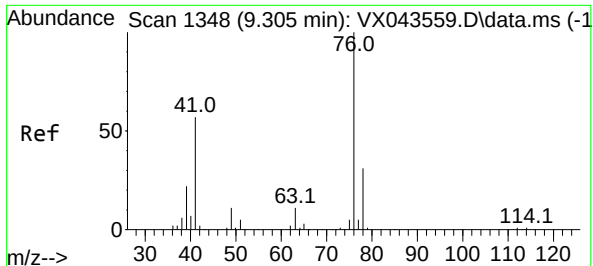
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 24.4 37.7 56.5#





#57

1,3-Dichloropropane

Concen: 1.346 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX043734.D

Acq: 07 Nov 2024 14:19

Instrument :

MSVOA_X

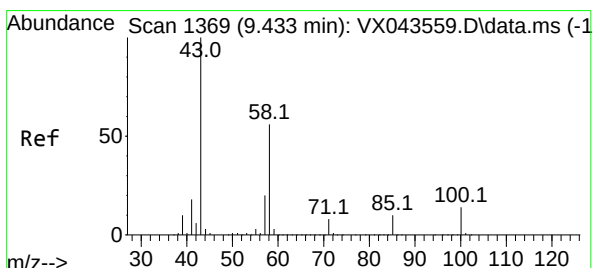
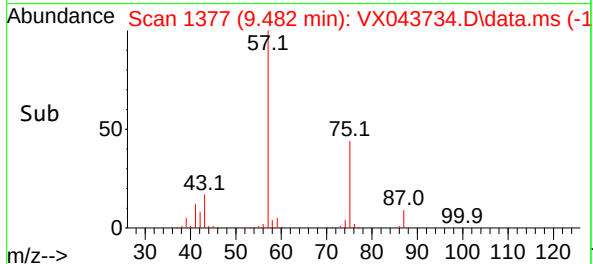
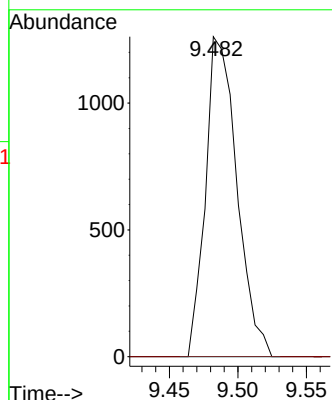
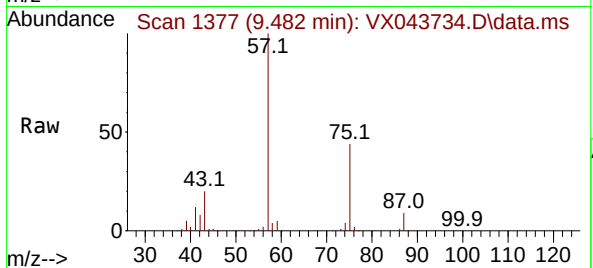
ClientSampleId :

Tgt Ion: 76 Resp: 2011

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 38.895 ug/l

RT: 9.384 min Scan# 1361

Delta R.T. -0.049 min

Lab File: VX043734.D

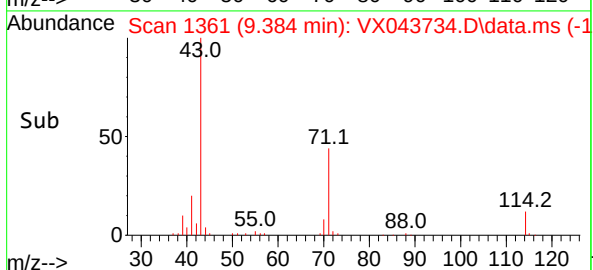
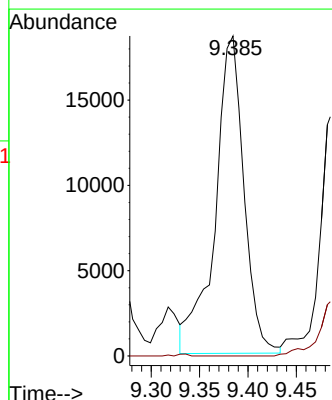
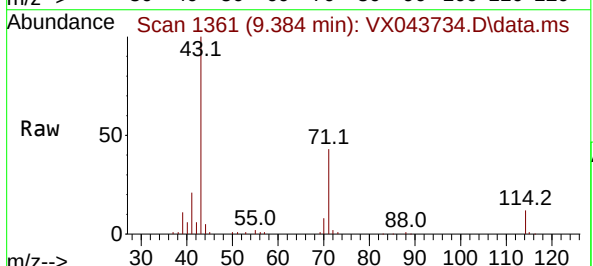
Acq: 07 Nov 2024 14:19

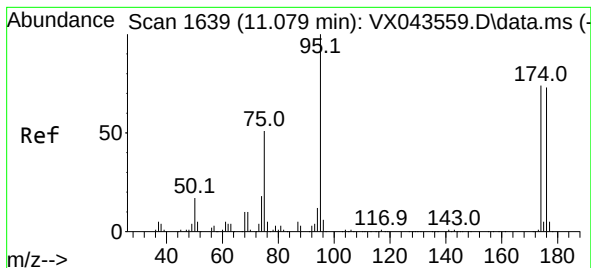
Tgt Ion: 43 Resp: 38550

Ion Ratio Lower Upper

43 100

58 0.0 27.5 82.5#

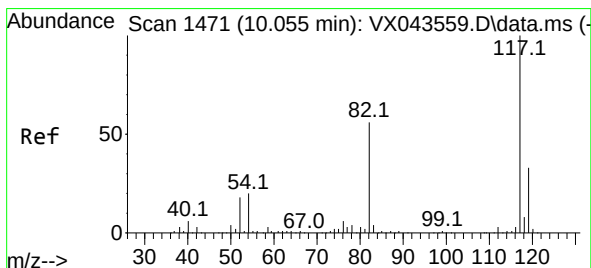
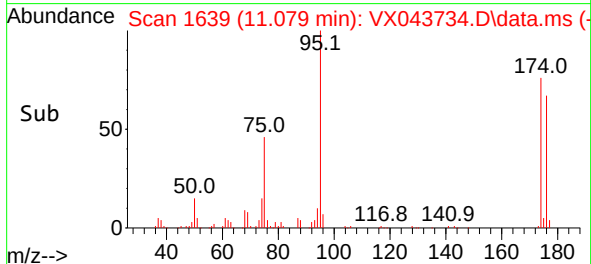
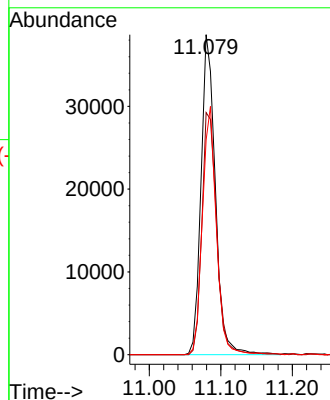
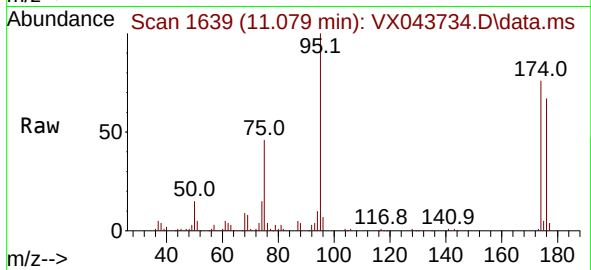




#62
4-Bromofluorobenzene
Concen: 46.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

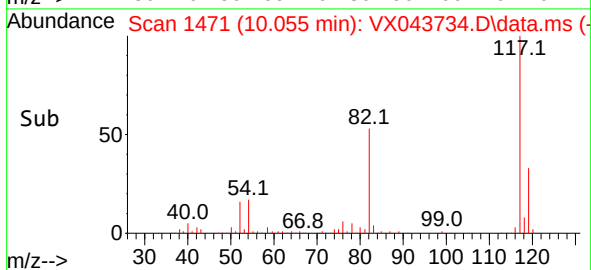
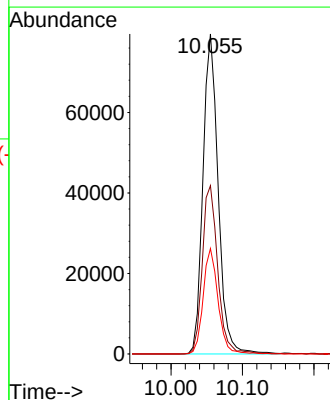
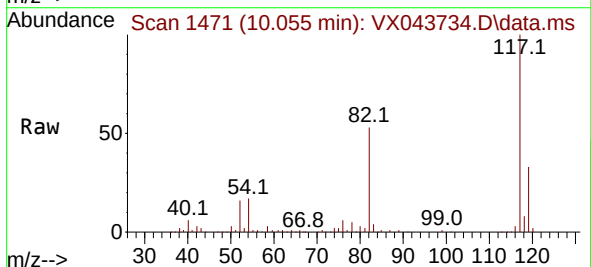
Instrument :
MSVOA_X
ClientSampleId :

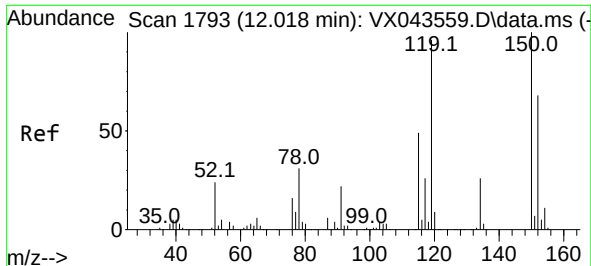
Tgt Ion: 95 Resp: 53630
Ion Ratio Lower Upper
95 100
174 78.3 0.0 146.6
176 76.1 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043734.D
Acq: 07 Nov 2024 14:19

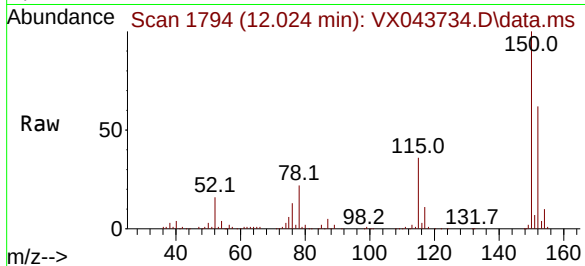
Tgt Ion: 117 Resp: 117571
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 33.0 25.4 38.2



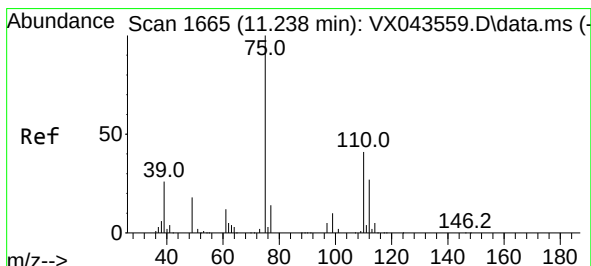
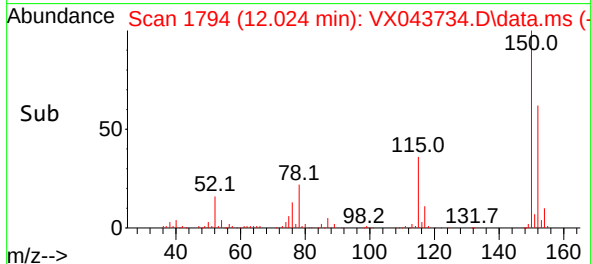
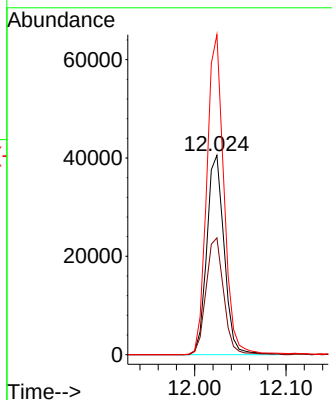


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX043734.D
 Acq: 07 Nov 2024 14:19

Instrument :
 MSVOA_X
 ClientSampleId :

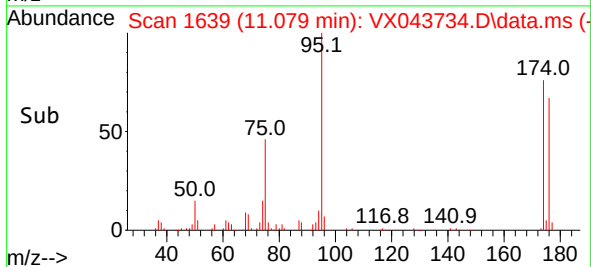
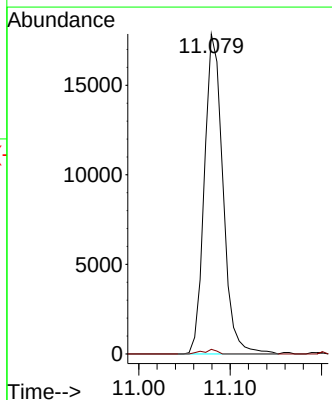
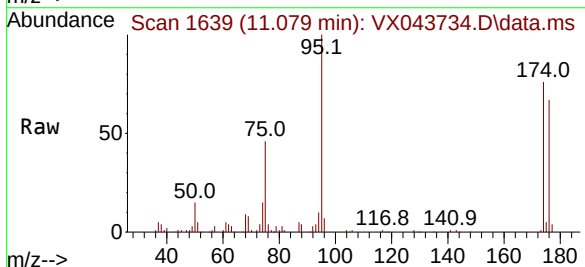


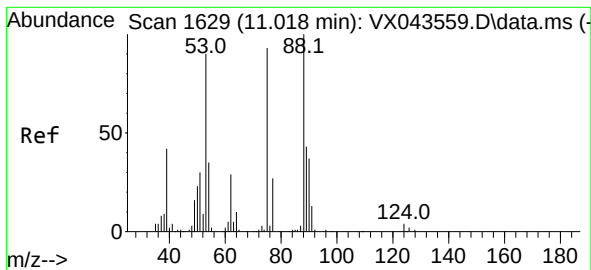
Tgt Ion:152 Resp: 53451
 Ion Ratio Lower Upper
 152 100
 115 59.7 42.9 128.7
 150 158.7 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 21.930 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX043734.D
 Acq: 07 Nov 2024 14:19

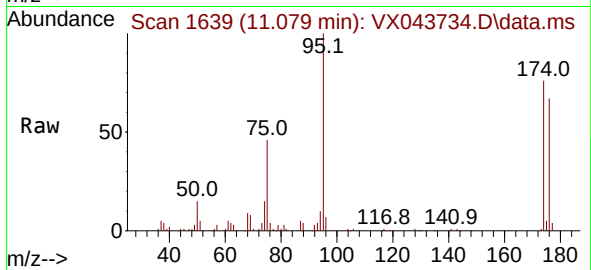
Tgt Ion: 75 Resp: 25063
 Ion Ratio Lower Upper
 75 100
 77 1.0 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.331 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043734.D
 Acq: 07 Nov 2024 14:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 25063
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 126.8#
 89 0.0 38.6 58.0#

