

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043740.D
 Acq On : 07 Nov 2024 16:39
 Operator : JC/MD
 Sample : P4722-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:10:34 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)

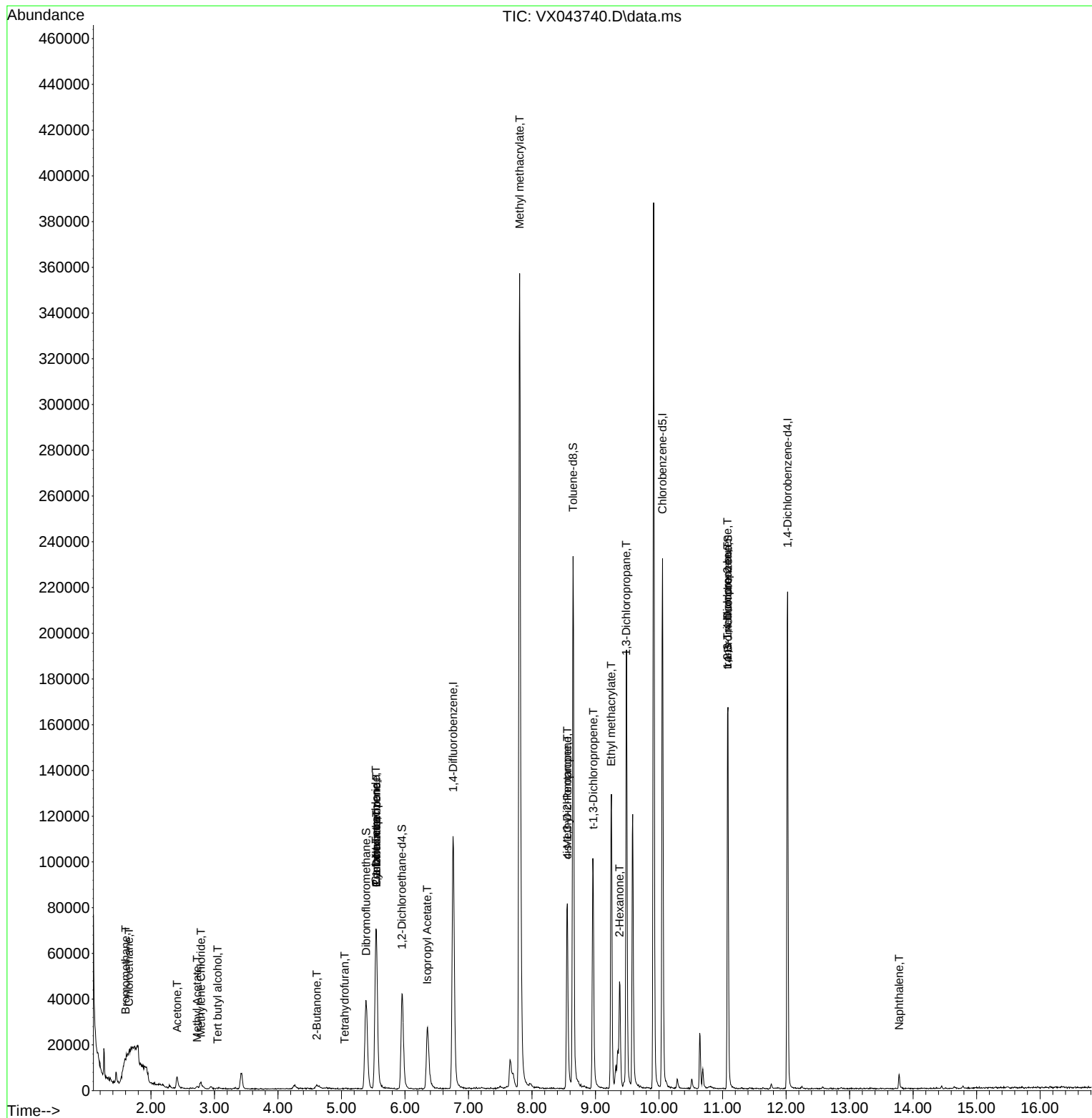
Internal Standards						
1) Pentafluorobenzene	5.550	168	70989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41199	36.397	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	72.800%#
35) Dibromofluoromethane	5.385	113	36750	41.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.520%
50) Toluene-d8	8.647	98	149428	49.053	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.085	95	51448	45.578	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	282	0.768	ug/l #	39
6) Chloroethane	1.654	64	254	0.800	ug/l #	43
11) Tert butyl alcohol	3.050	59	88	0.417	ug/l #	100
16) Acetone	2.410	43	6780	15.084	ug/l #	88
18) Methyl Acetate	2.727	43	1931	1.470	ug/l #	76
20) Methylene Chloride	2.788	84	2066	2.133	ug/l #	74
25) 2-Butanone	4.611	43	2383	3.634	ug/l	97
29) Tetrahydrofuran	5.050	42	131	0.307	ug/l #	32
31) Cyclohexane	5.550	56	1350	1.130	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5434	5.208	ug/l #	47
38) Carbon Tetrachloride	5.544	117	7516	6.519	ug/l #	14
43) Isopropyl Acetate	6.348	43	42473	20.273	ug/l	95
48) Methyl methacrylate	7.805	41	35058	35.295	ug/l #	40
51) 4-Methyl-2-Pentanone	8.555	43	31927	25.003	ug/l #	49
53) t-1,3-Dichloropropene	8.964	75	298	0.240	ug/l #	42
54) cis-1,3-Dichloropropene	8.555	75	17436	13.160	ug/l #	55
56) Ethyl methacrylate	9.244	69	416	0.291	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1863	1.275	ug/l #	42
59) 2-Hexanone	9.378	43	39199	40.419	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	23979	22.240	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	23979	61.184	ug/l #	7
95) Naphthalene	13.780	128	5257	1.339	ug/l #	93

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

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MSVOA_X
ClientSampleId :

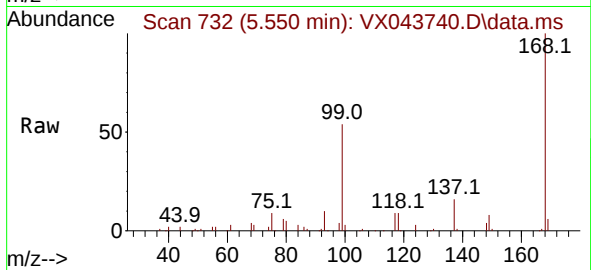
Quant Time: Nov 08 04:10:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



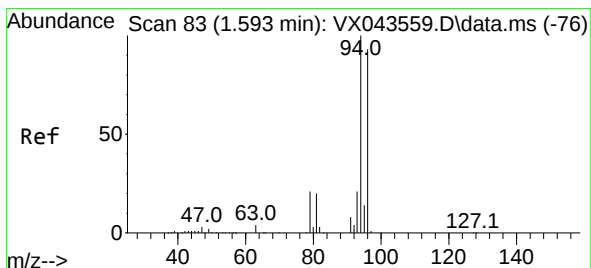
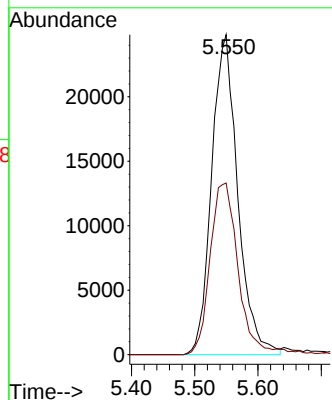
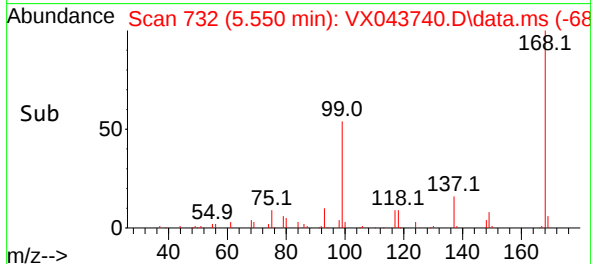


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :

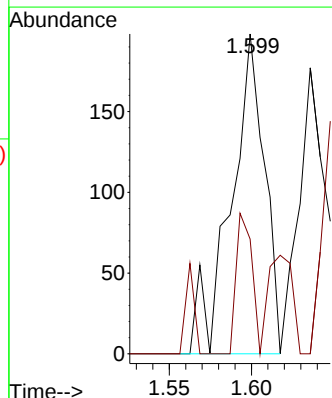
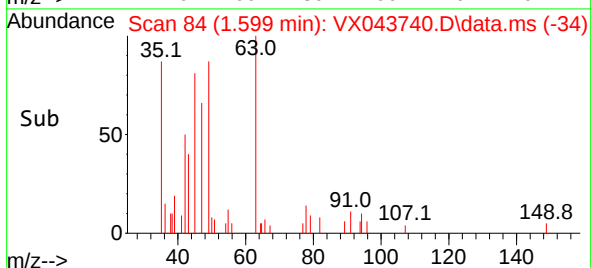
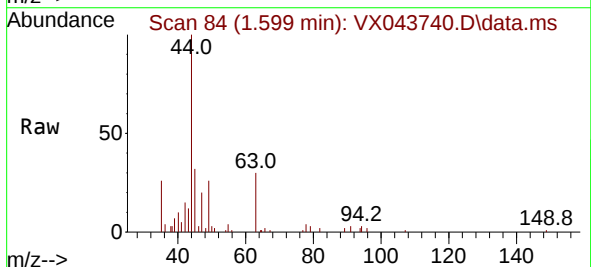


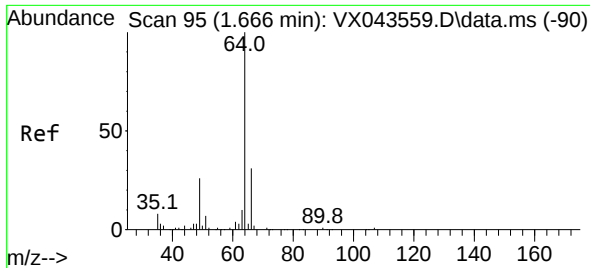
Tgt Ion:168 Resp: 70989
Ion Ratio Lower Upper
168 100
99 53.7 52.6 78.8



#5
Bromomethane
Concen: 0.768 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 35.9 75.9 113.9#

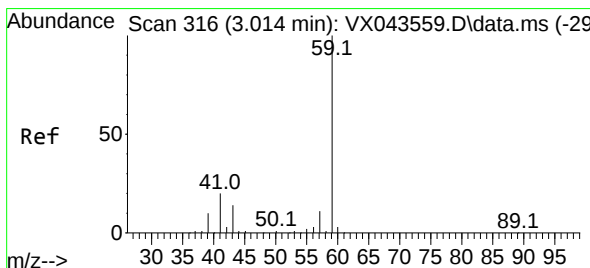
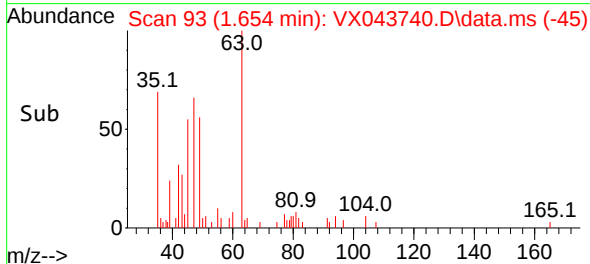
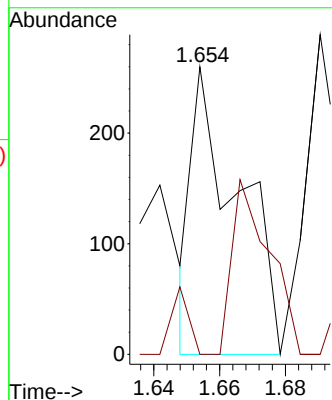
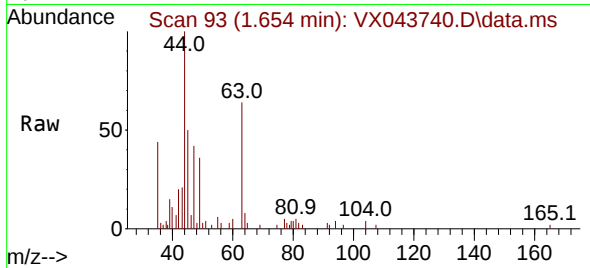




#6
Chloroethane
Concen: 0.800 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

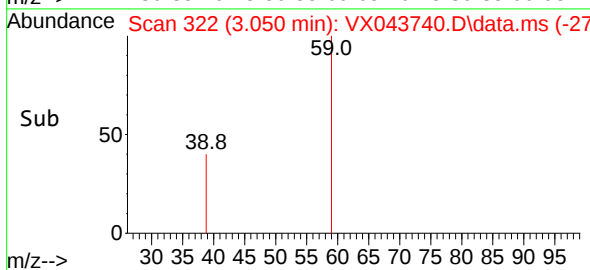
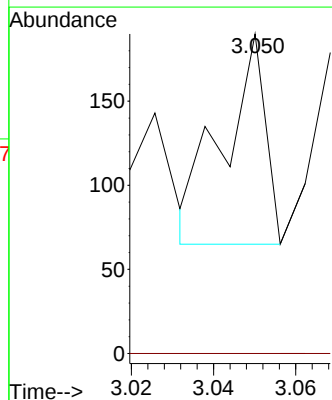
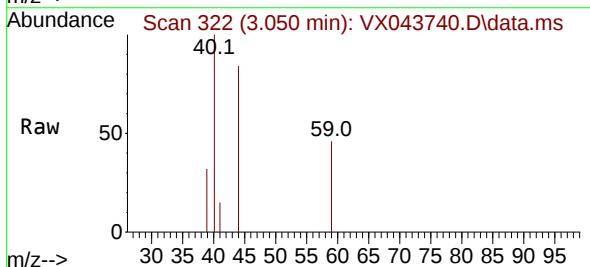
Instrument :
MSVOA_X
ClientSampleId :

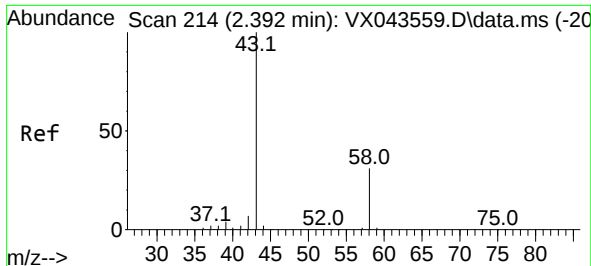
Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.417 ug/l
RT: 3.050 min Scan# 322
Delta R.T. 0.000 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

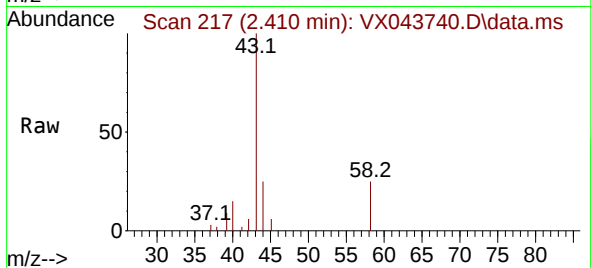
Tgt Ion: 59 Resp: 88
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



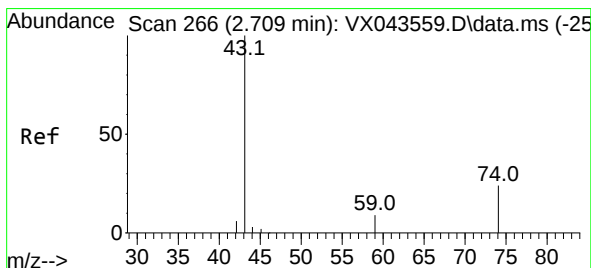
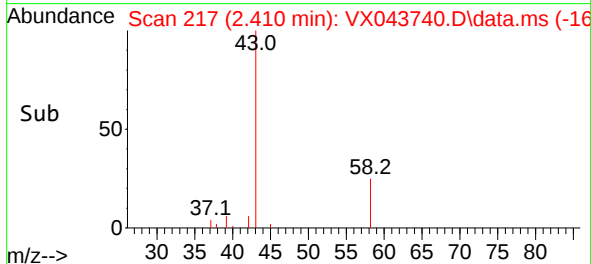
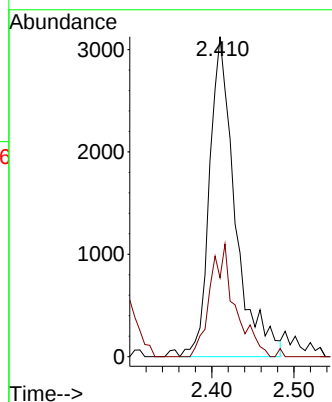


#16
Acetone
Concen: 15.084 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :

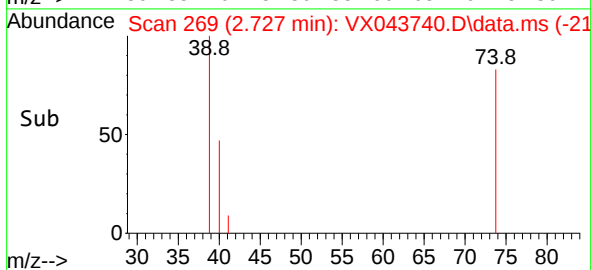
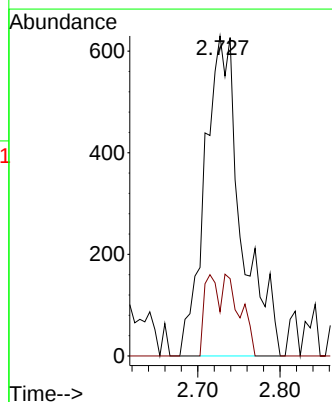
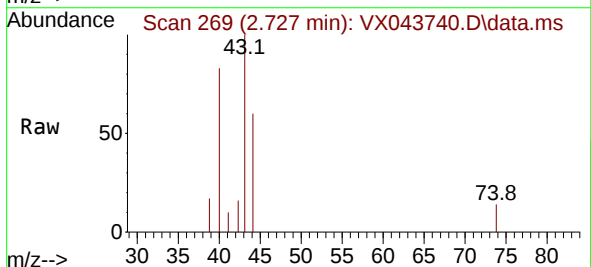


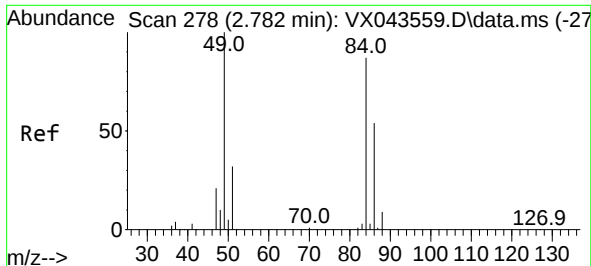
Tgt Ion: 43 Resp: 6780
Ion Ratio Lower Upper
43 100
58 24.7 25.1 37.7#



#18
Methyl Acetate
Concen: 1.470 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

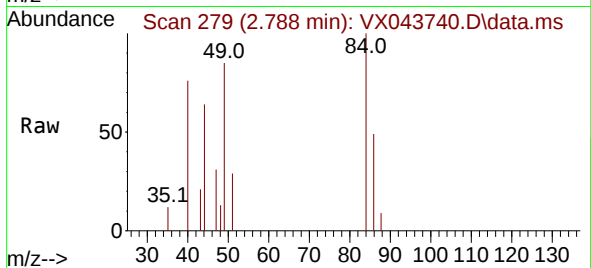
Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
74 12.1 19.1 28.7#



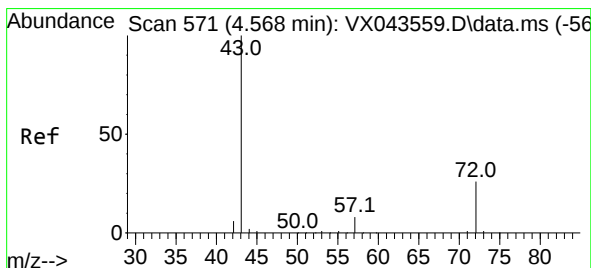
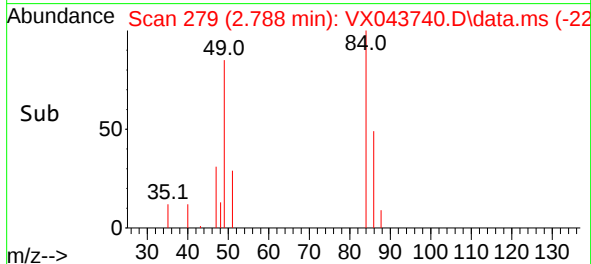
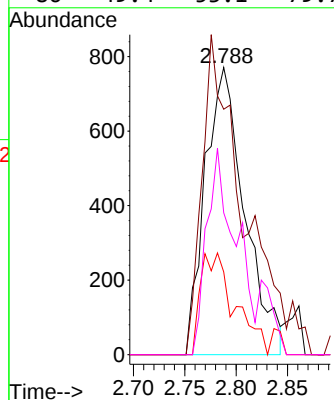


#20
Methylene Chloride
Concen: 2.133 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :

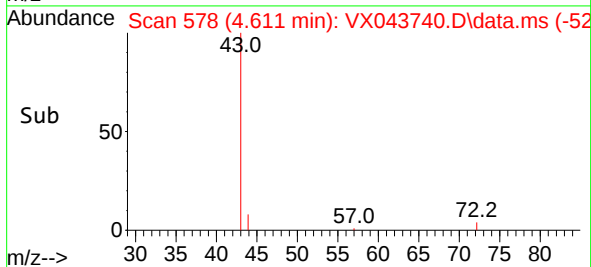
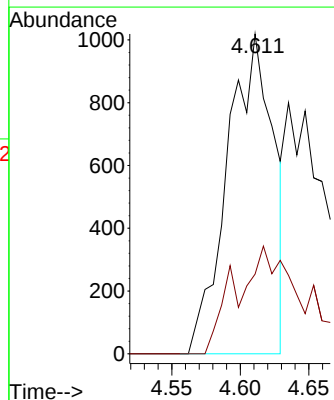
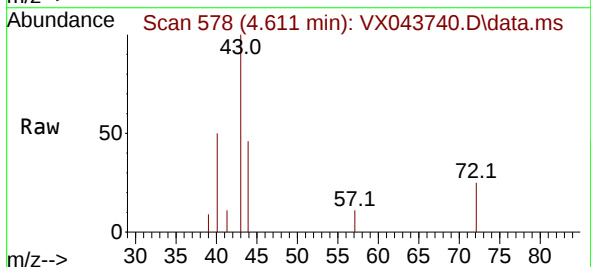


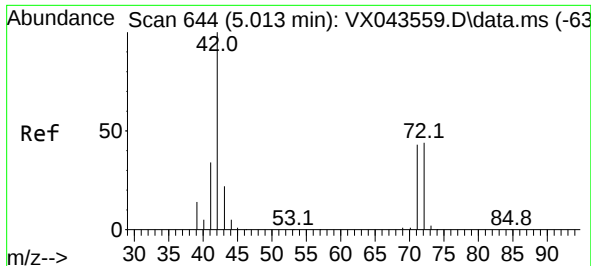
Tgt Ion:	84	Resp:	2066
Ion	Ratio	Lower	Upper
84	100		
49	85.5	97.0	145.6#
51	28.8	29.8	44.8#
86	49.4	53.1	79.7#



#25
2-Butanone
Concen: 3.634 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Tgt Ion:	43	Resp:	2383
Ion	Ratio	Lower	Upper
43	100		
72	24.9	21.1	31.7





#29

Tetrahydrofuran

Concen: 0.307 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

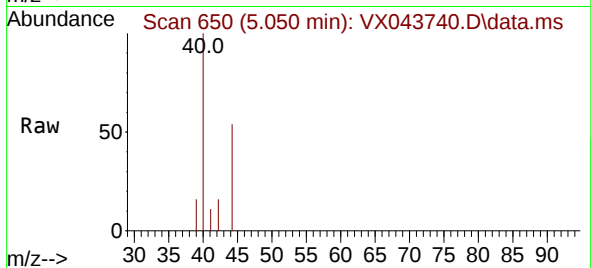
Lab File: VX043740.D

Acq: 07 Nov 2024 16:39

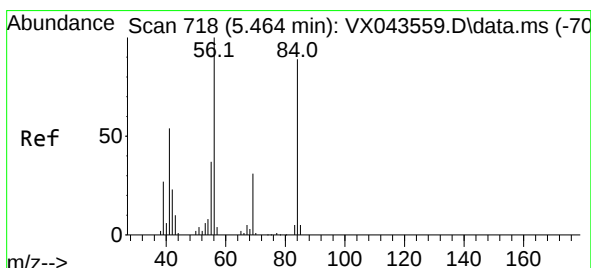
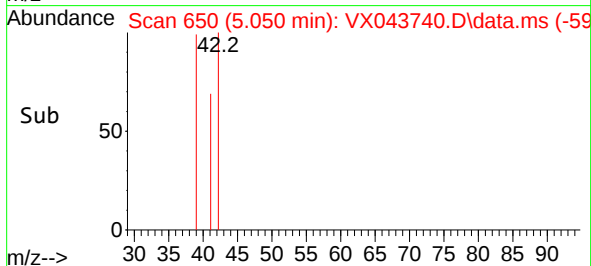
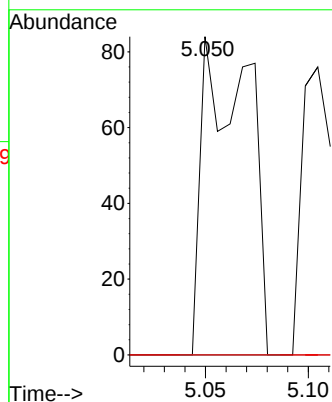
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	131
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.2	51.4#



#31

Cyclohexane

Concen: 1.130 ug/l

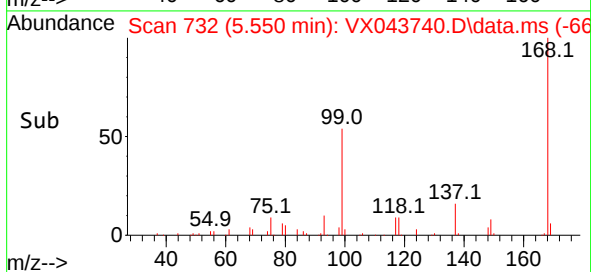
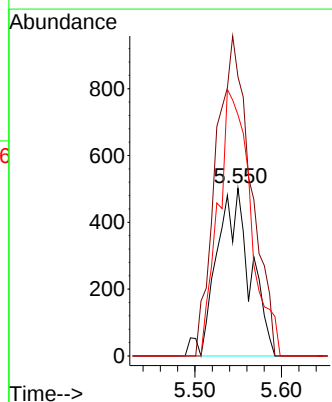
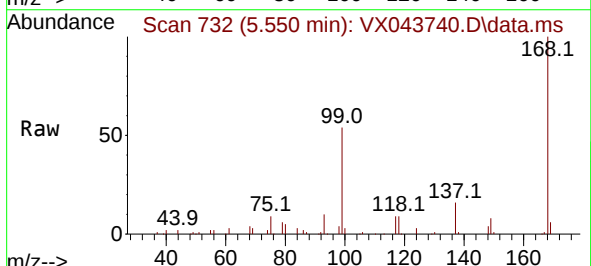
RT: 5.550 min Scan# 732

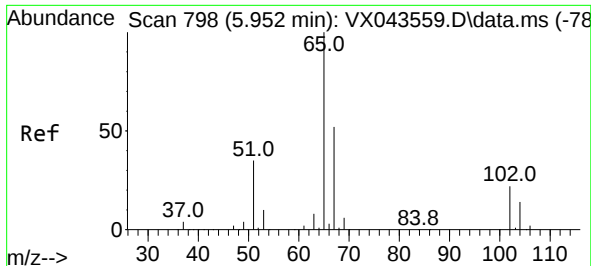
Delta R.T. 0.091 min

Lab File: VX043740.D

Acq: 07 Nov 2024 16:39

Tgt Ion:	56	Resp:	1350
Ion	Ratio	Lower	Upper
56	100		
69	166.5	24.9	37.3#
84	143.8	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 36.397 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043740.D

Acq: 07 Nov 2024 16:39

Instrument :

MSVOA_X

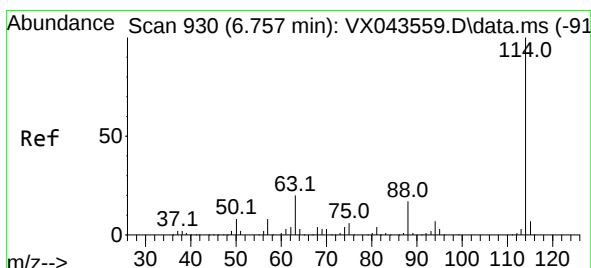
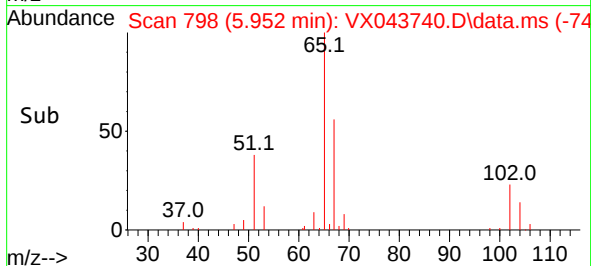
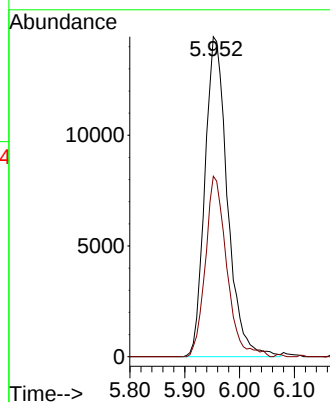
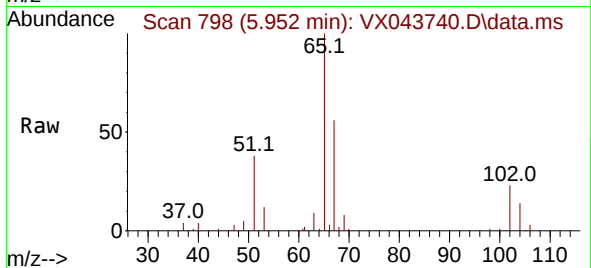
ClientSampleId :

Tgt Ion: 65 Resp: 41199

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043740.D

Acq: 07 Nov 2024 16:39

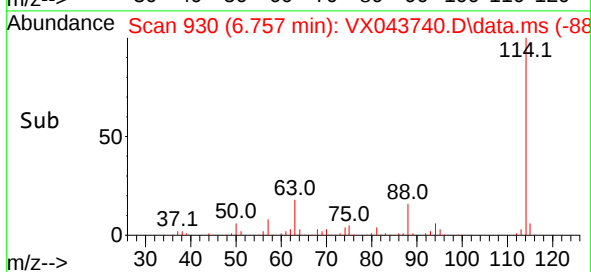
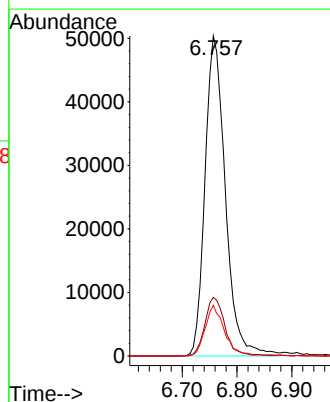
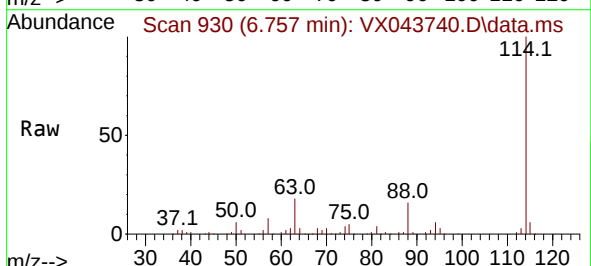
Tgt Ion: 114 Resp: 129776

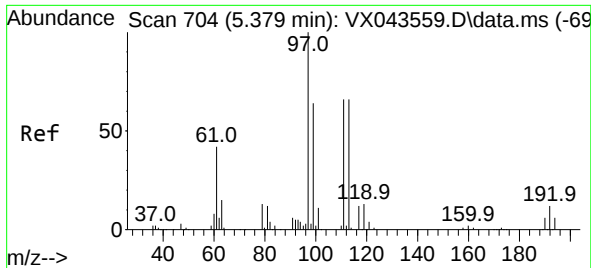
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.2

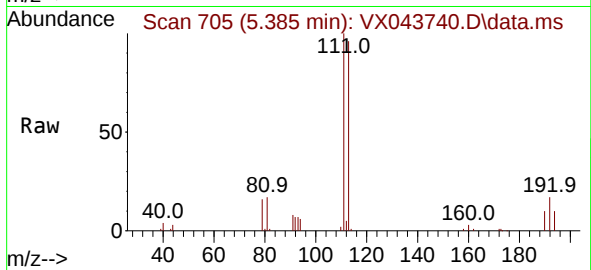
88 15.8 0.0 34.0



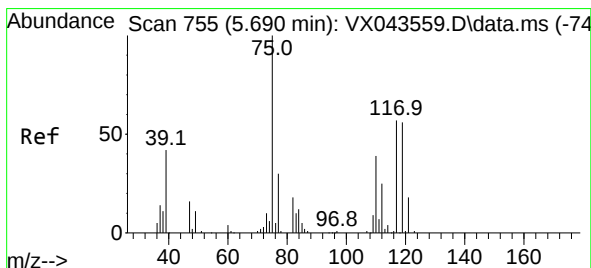
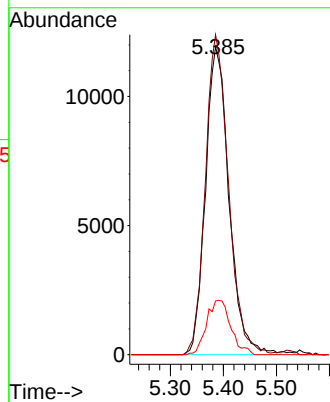
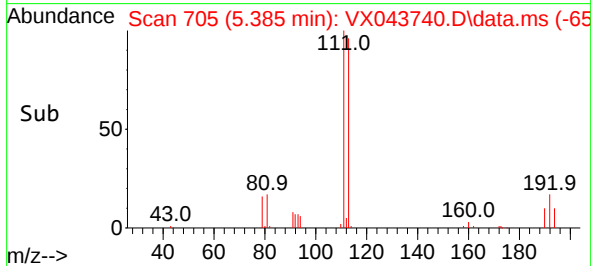


#35
Dibromofluoromethane
Concen: 41.761 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :

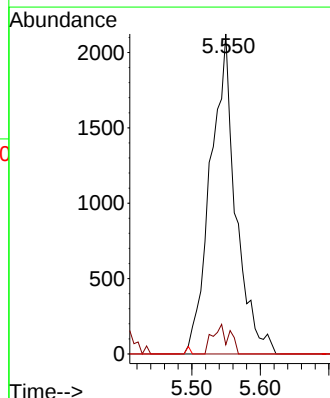
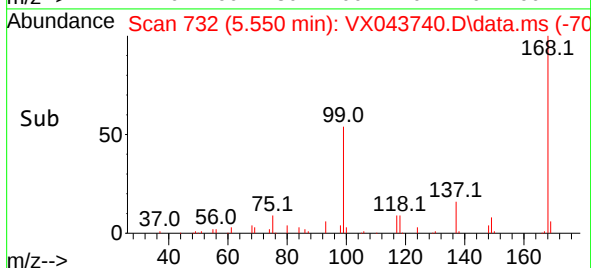
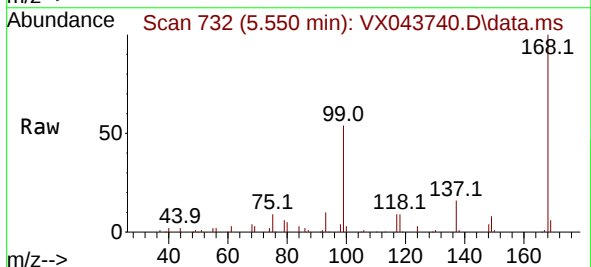


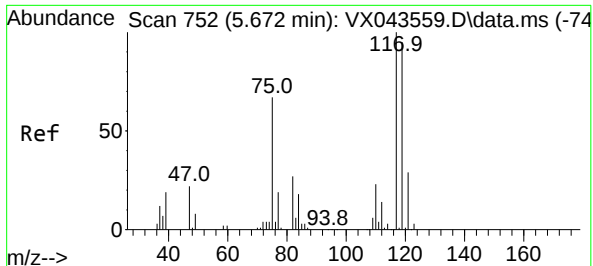
Tgt Ion:113 Resp: 36750
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.1 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

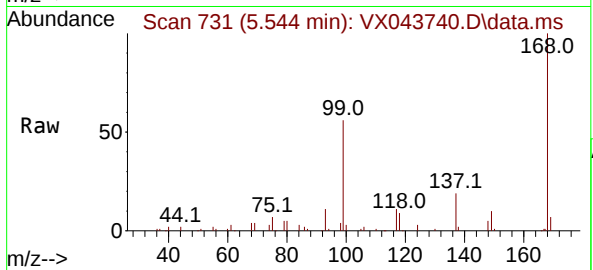
Tgt Ion: 75 Resp: 5434
Ion Ratio Lower Upper
75 100
110 6.1 17.9 53.7#
77 0.0 25.0 37.4#



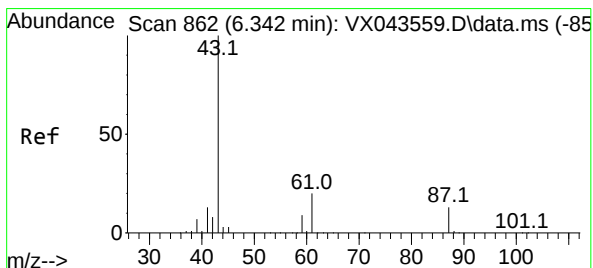
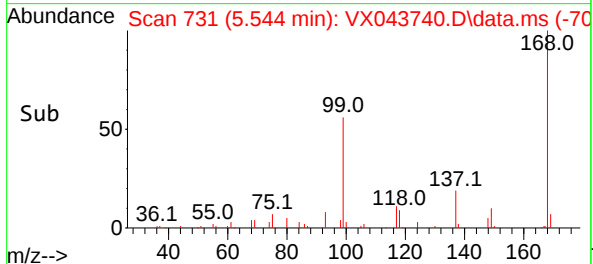
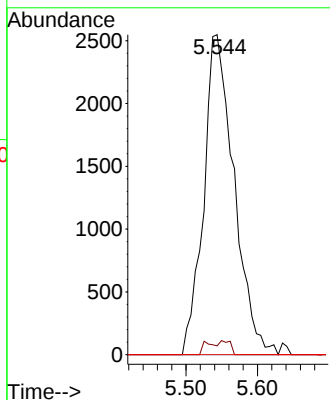


#38
Carbon Tetrachloride
Concen: 6.519 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :

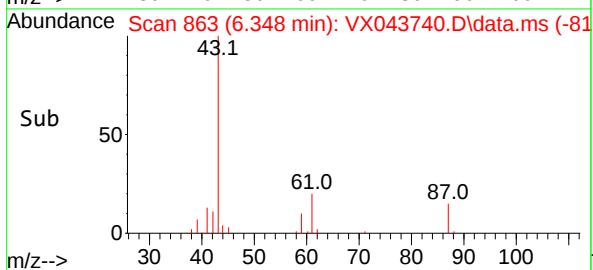
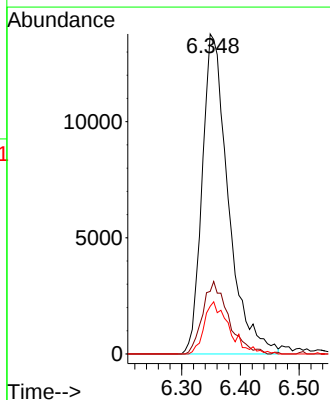
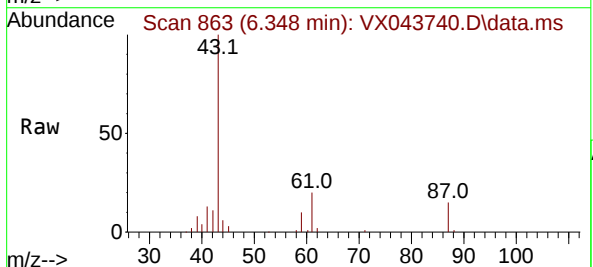


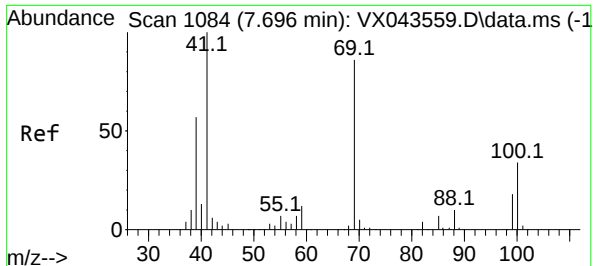
Tgt Ion:117 Resp: 7516
Ion Ratio Lower Upper
117 100
119 2.8 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 20.273 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Tgt Ion: 43 Resp: 42473
Ion Ratio Lower Upper
43 100
61 22.4 16.2 24.4
87 15.8 11.0 16.6





#48

Methyl methacrylate

Concen: 35.295 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX043740.D

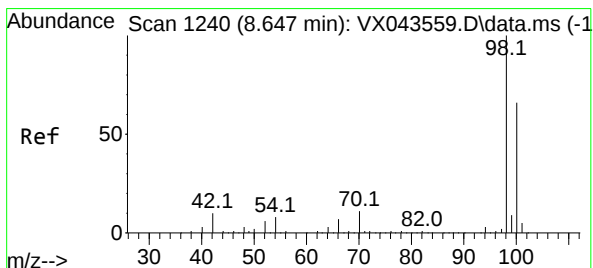
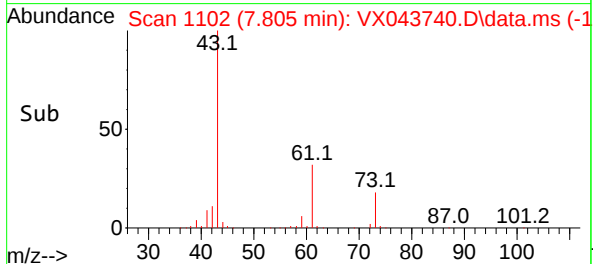
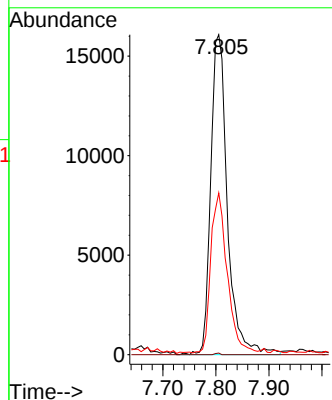
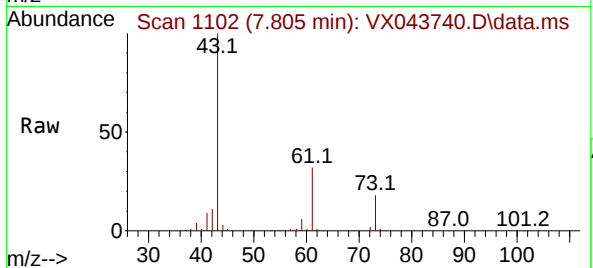
Acq: 07 Nov 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 35058
Ion Ratio	Lower Upper
41	100
69	0.1 67.7 101.5#
39	48.9 46.3 69.5



#50

Toluene-d8

Concen: 49.053 ug/l

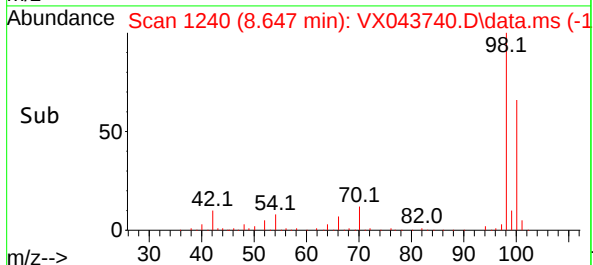
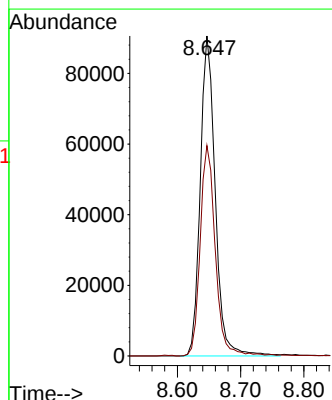
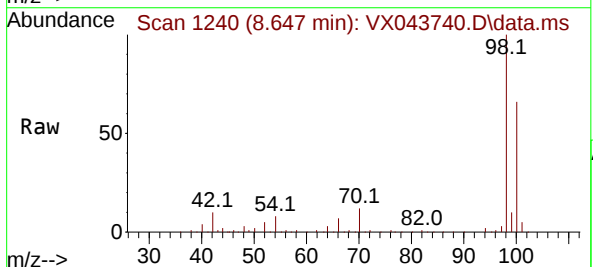
RT: 8.647 min Scan# 1240

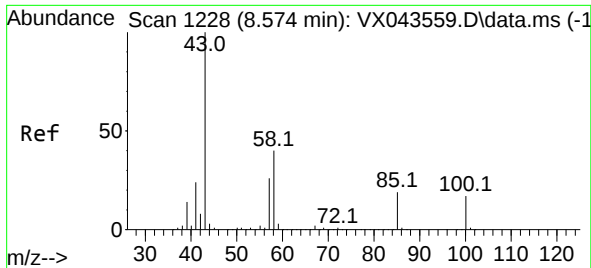
Delta R.T. 0.000 min

Lab File: VX043740.D

Acq: 07 Nov 2024 16:39

Tgt Ion: 98	Resp: 149428
Ion Ratio	Lower Upper
98	100
100	66.7 53.4 80.2

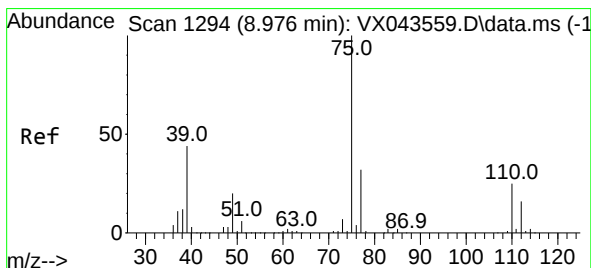
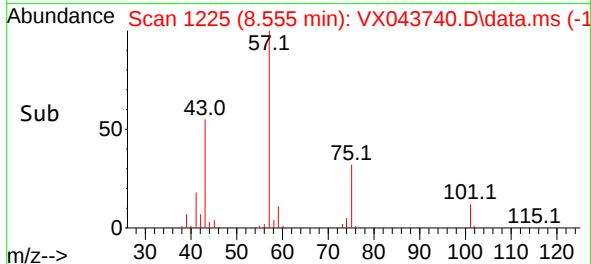
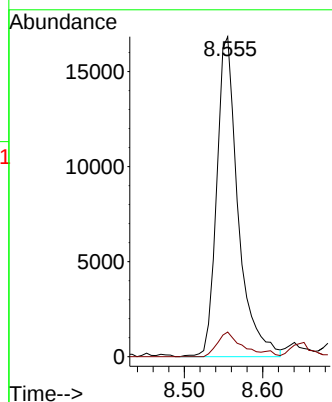
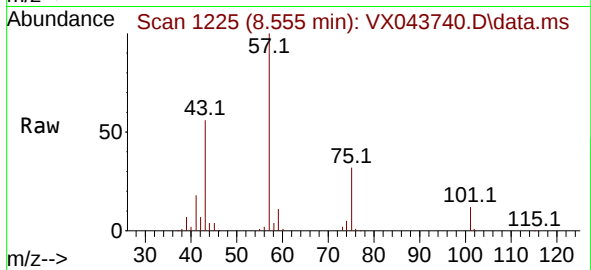




#51
4-Methyl-2-Pentanone
Concen: 25.003 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

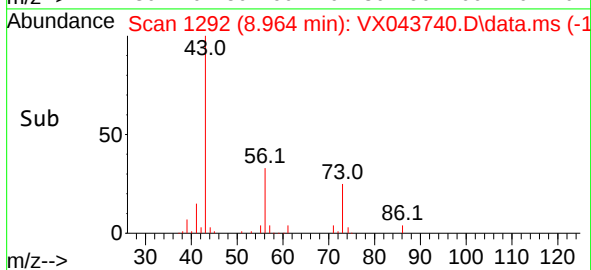
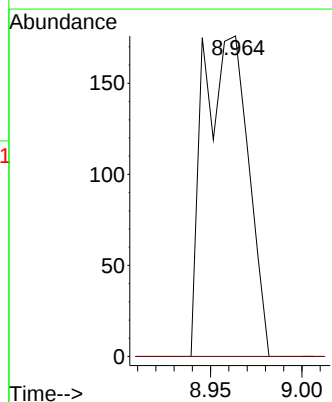
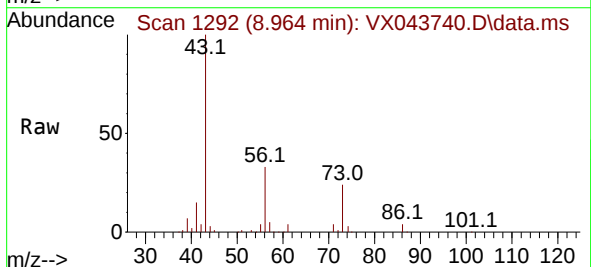
Instrument :
MSVOA_X
ClientSampleId :

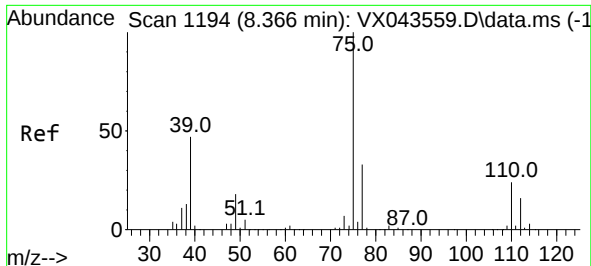
Tgt Ion: 43 Resp: 31927
Ion Ratio Lower Upper
43 100
58 8.5 31.7 47.5#



#53
t-1,3-Dichloropropene
Concen: 0.240 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.012 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Tgt Ion: 75 Resp: 298
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

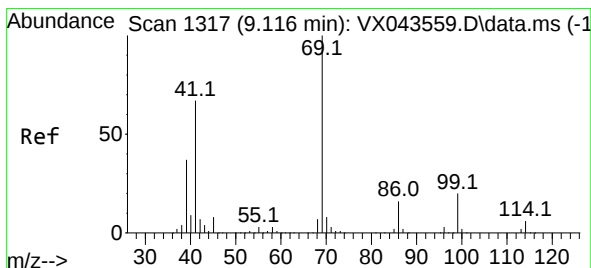
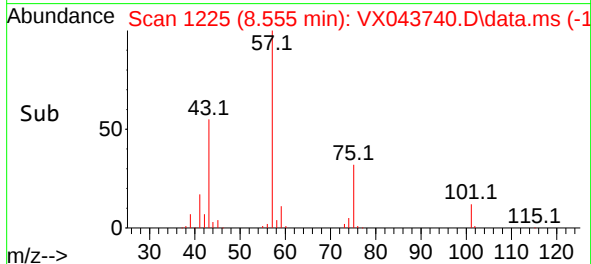
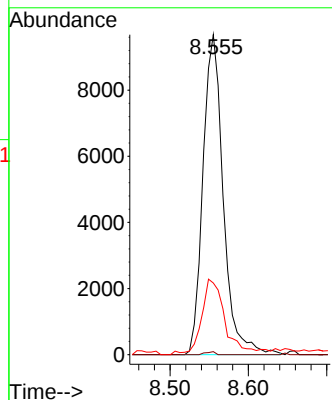
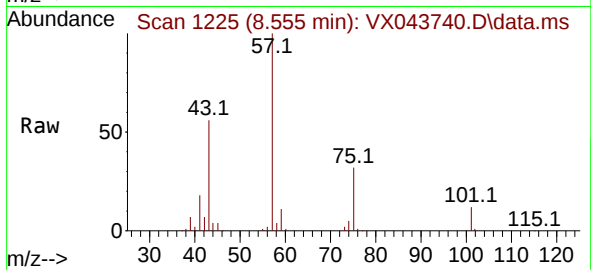




#54
 cis-1,3-Dichloropropene
 Concen: 13.160 ug/l
 RT: 8.555 min Scan# 1194
 Delta R.T. 0.189 min
 Lab File: VX043740.D
 Acq: 07 Nov 2024 16:39

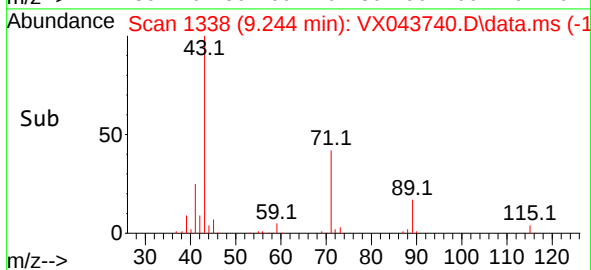
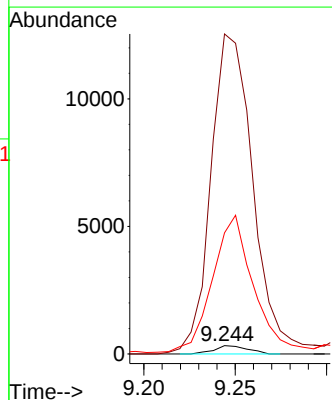
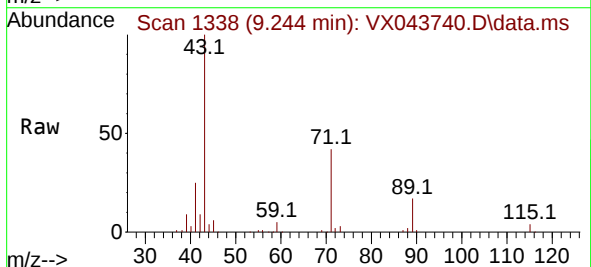
Instrument :
 MSVOA_X
 ClientSampleId :

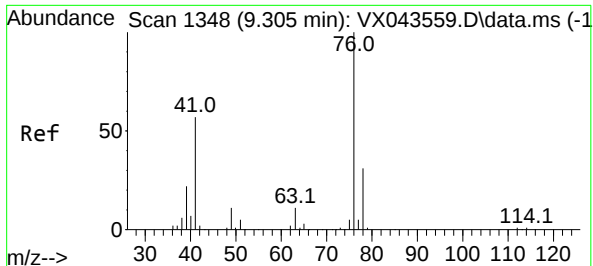
Tgt Ion: 75 Resp: 17436
 Ion Ratio Lower Upper
 75 100
 77 0.9 24.8 37.2#
 39 21.7 37.7 56.5#



#56
 Ethyl methacrylate
 Concen: 0.291 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX043740.D
 Acq: 07 Nov 2024 16:39

Tgt Ion: 69 Resp: 416
 Ion Ratio Lower Upper
 69 100
 41 4888.2 53.8 80.8#
 39 2013.5 29.9 44.9#





#57

1,3-Dichloropropane

Concen: 1.275 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX043740.D

Acq: 07 Nov 2024 16:39

Instrument :

MSVOA_X

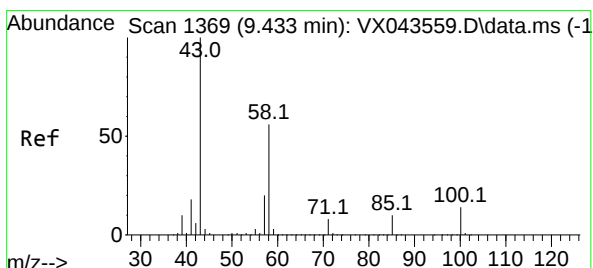
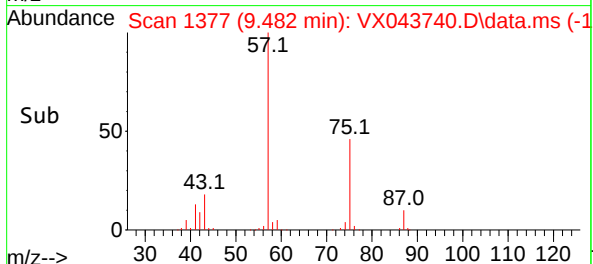
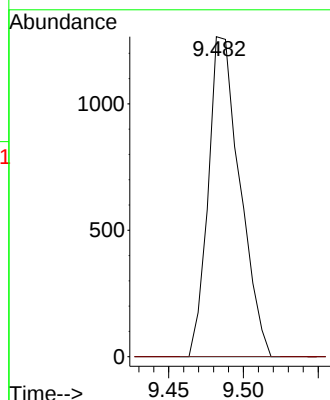
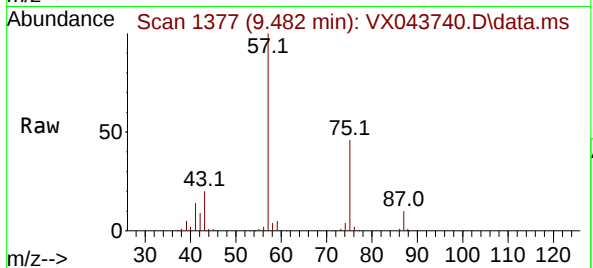
ClientSampleId :

Tgt Ion: 76 Resp: 1863

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 40.419 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX043740.D

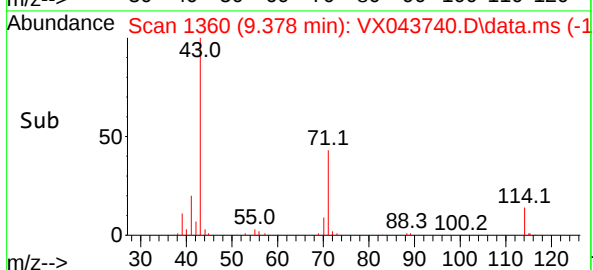
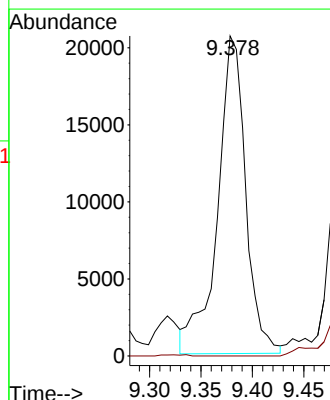
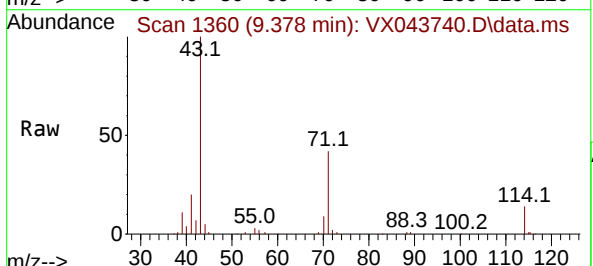
Acq: 07 Nov 2024 16:39

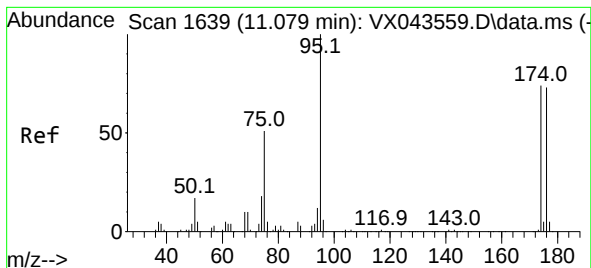
Tgt Ion: 43 Resp: 39199

Ion Ratio Lower Upper

43 100

58 0.0 27.5 82.5#

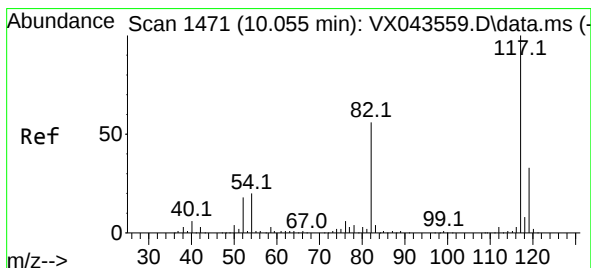
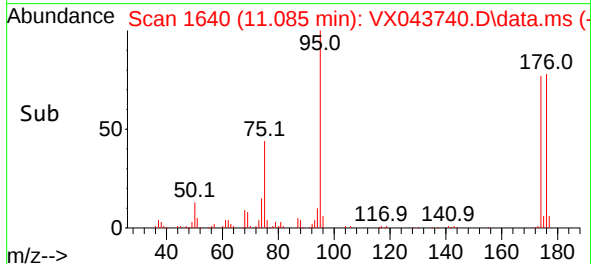
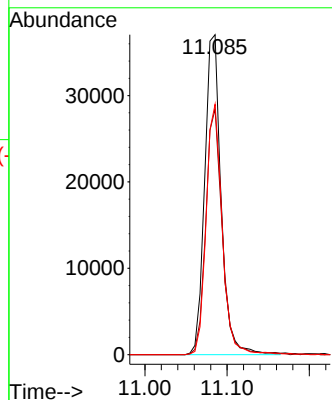
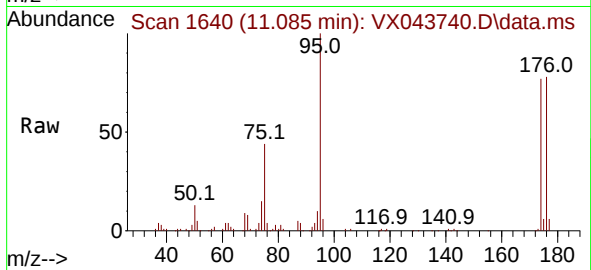




#62
4-Bromofluorobenzene
Concen: 45.578 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

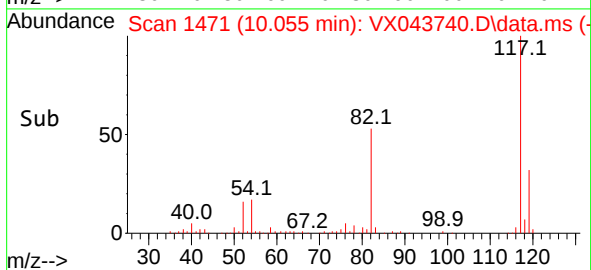
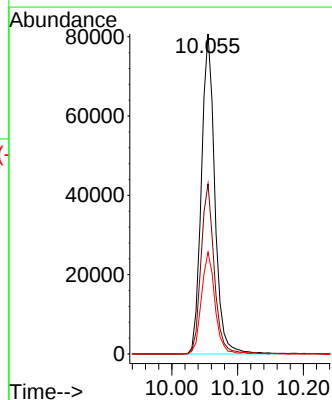
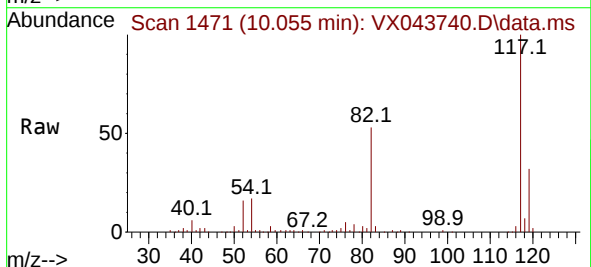
Instrument :
MSVOA_X
ClientSampleId :

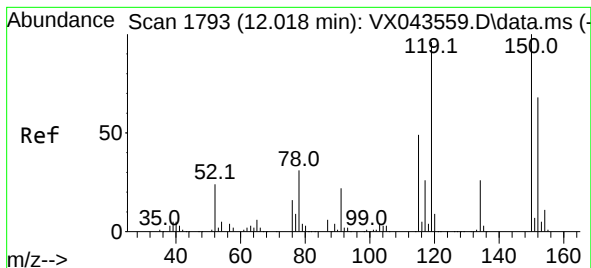
Tgt Ion: 95 Resp: 51448
Ion Ratio Lower Upper
95 100
174 77.1 0.0 146.6
176 76.8 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

Tgt Ion: 117 Resp: 114600
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 31.8 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: VX043740.D

Acq: 07 Nov 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

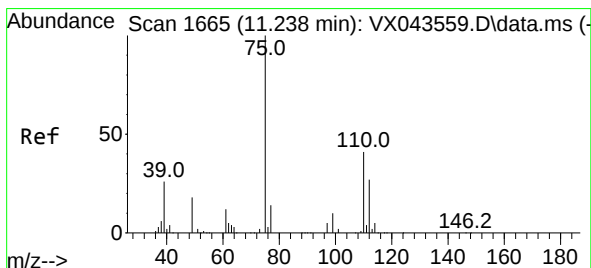
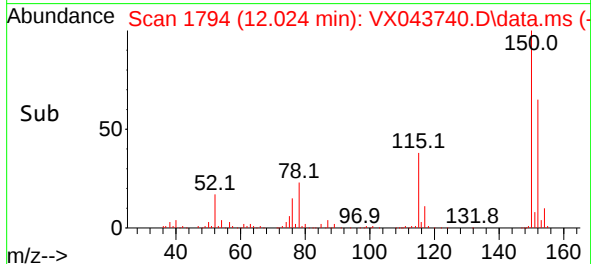
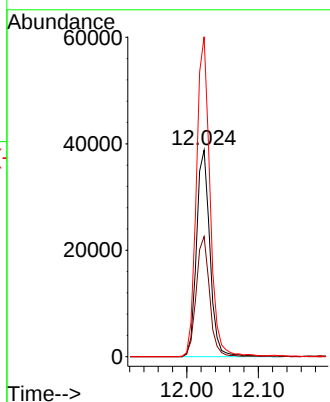
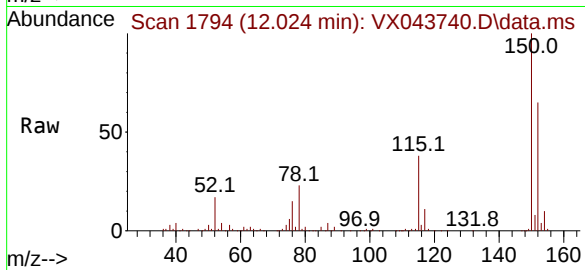
Tgt Ion:152 Resp: 50426

Ion Ratio Lower Upper

152 100

115 58.4 42.9 128.7

150 156.5 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 22.240 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043740.D

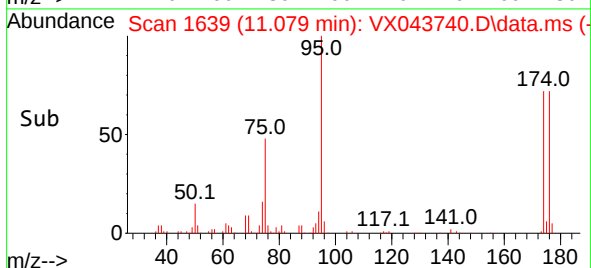
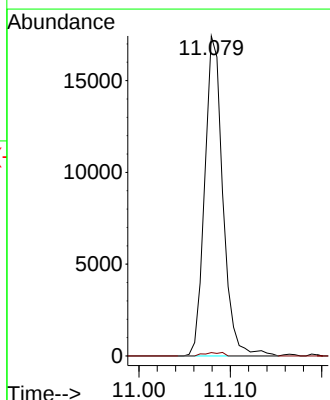
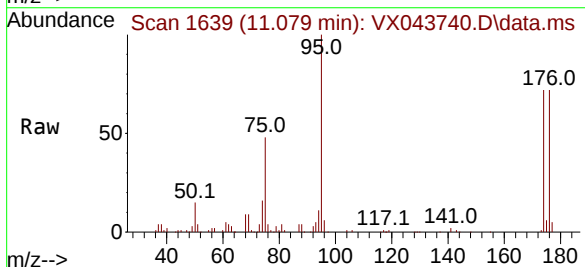
Acq: 07 Nov 2024 16:39

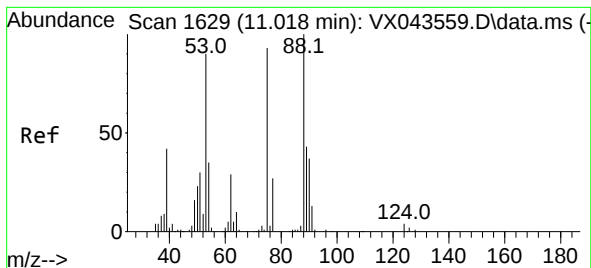
Tgt Ion: 75 Resp: 23979

Ion Ratio Lower Upper

75 100

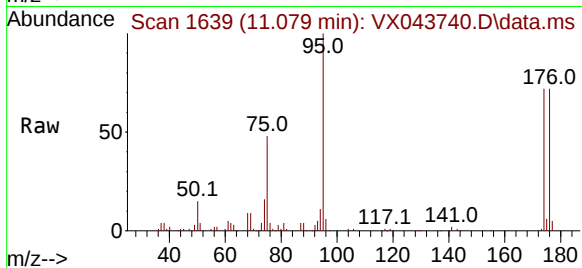
77 1.1 22.4 67.2#



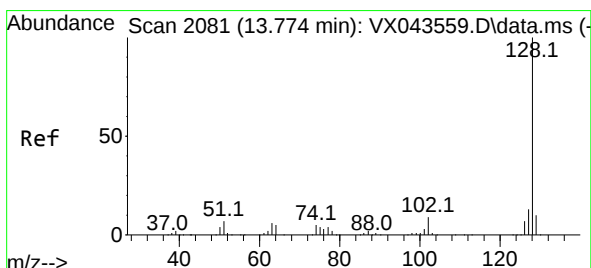
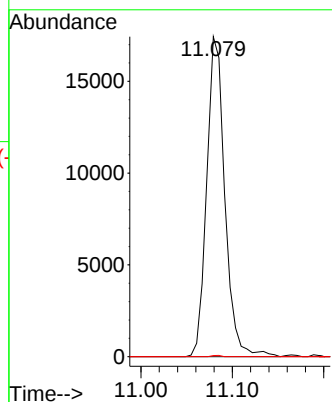
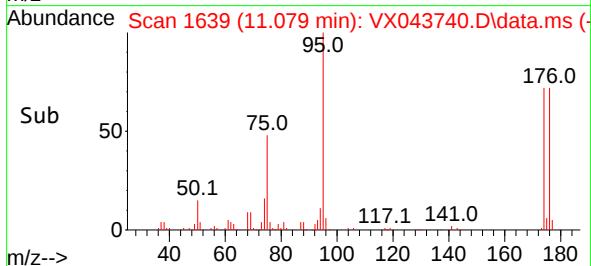


#81
trans-1,4-Dichloro-2-butene
Concen: 61.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39

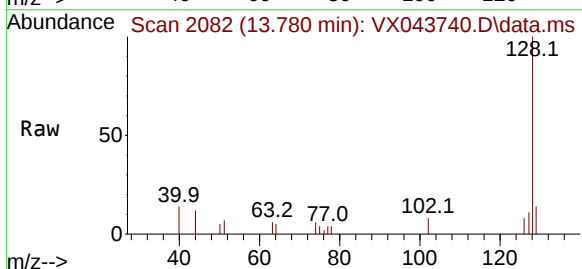
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 23979
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.2 38.6 58.0#



#95
Naphthalene
Concen: 1.339 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043740.D
Acq: 07 Nov 2024 16:39



Tgt Ion: 128 Resp: 5257
Ion Ratio Lower Upper
128 100
127 9.5 10.2 15.4#
129 9.1 8.7 13.1

