

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040155.D
 Acq On : 07 Feb 2024 16:27
 Operator : JC/MD
 Sample : P1337-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 00:35:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

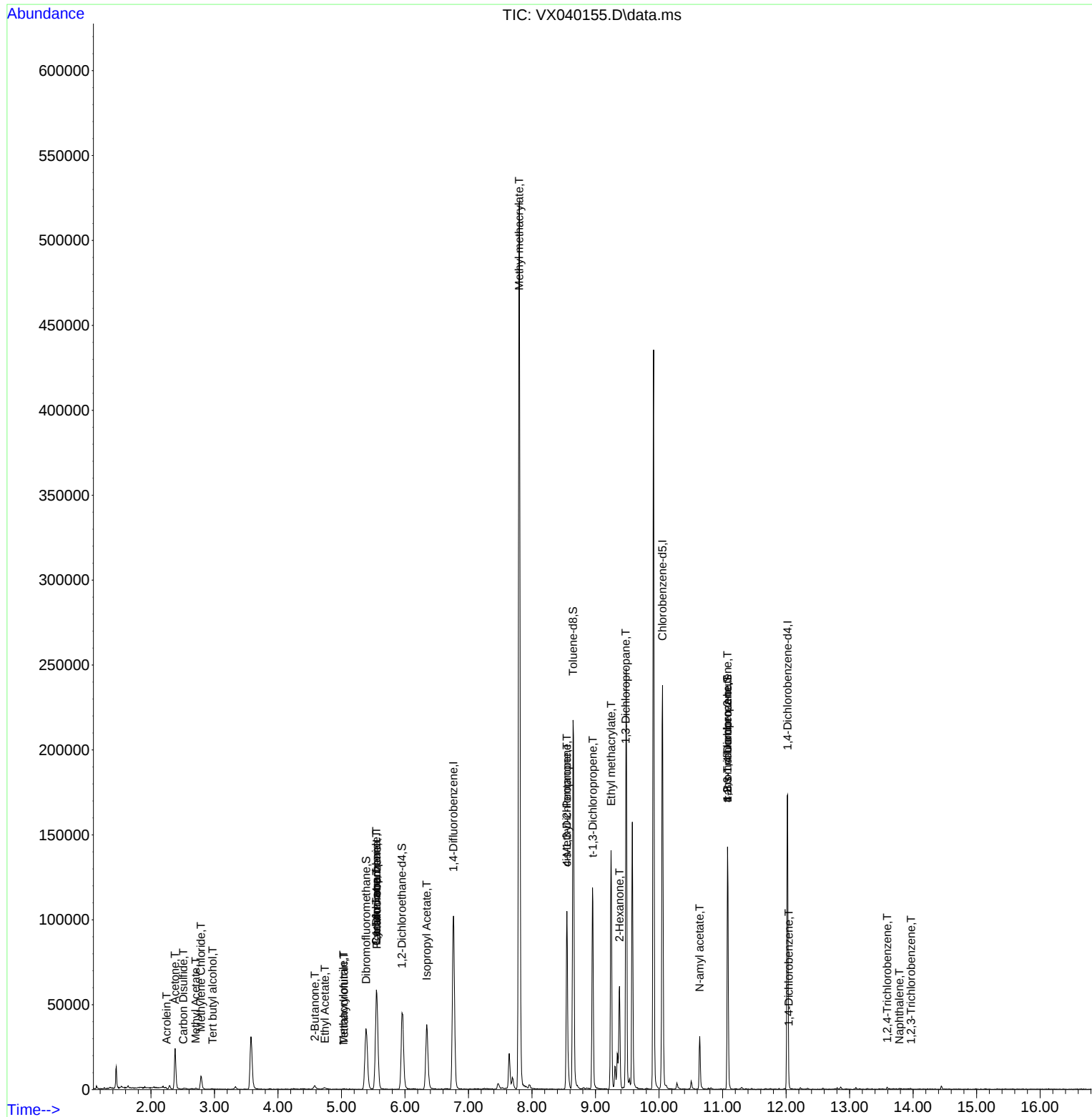
Internal Standards						
1) Pentafluorobenzene	5.556	168	47004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	30573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44363	58.645	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.280%#			
35) Dibromofluoromethane	5.385	113	29372	45.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.120%			
50) Toluene-d8	8.647	98	123349	50.597	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.079	95	33349	35.526	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 71.060%#			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	407	2.965	ug/l #	78
13) Acrolein	2.245	56	264	2.007	ug/l #	74
16) Acetone	2.380	43	25019	70.587	ug/l	98
17) Carbon Disulfide	2.508	76	438	0.283	ug/l #	76
18) Methyl Acetate	2.703	43	802	0.955	ug/l	95
20) Methylene Chloride	2.788	84	3473	5.514	ug/l	97
25) 2-Butanone	4.580	43	3814	7.741	ug/l #	89
29) Tetrahydrofuran	5.038	42	290	0.926	ug/l #	34
31) Cyclohexane	5.550	56	1766	1.864	ug/l #	57
36) 1,1-Dichloropropene	5.550	75	5079	5.387	ug/l #	47
37) Ethyl Acetate	4.739	43	2268	2.203	ug/l #	82
38) Carbon Tetrachloride	5.550	117	5660	6.274	ug/l #	11
41) Methacrylonitrile	5.032	41	130	0.249	ug/l #	53
43) Isopropyl Acetate	6.342	43	52283	32.200	ug/l	97
48) Methyl methacrylate	7.799	41	47241	59.062	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	39802	35.909	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	308	0.306	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14833	13.828	ug/l #	62
56) Ethyl methacrylate	9.244	69	347	0.335	ug/l #	1
57) 1,3-Dichloropropane	9.476	76	1800	1.543	ug/l #	42
59) 2-Hexanone	9.378	43	45140	51.078	ug/l #	26
74) N-amyl acetate	10.640	43	8708	8.875	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	20540	31.549	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	20540	89.632	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	271	0.259	ug/l #	24
93) 1,2,4-Trichlorobenzene	13.591	180	229	0.372	ug/l	76
95) Naphthalene	13.786	128	459	0.219	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	151	0.248	ug/l #	80

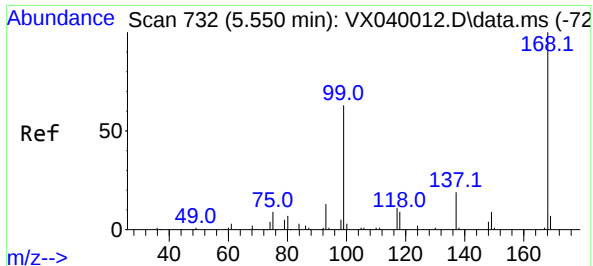
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
Data File : VX040155.D
Acq On : 07 Feb 2024 16:27
Operator : JC/MD
Sample : P1337-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

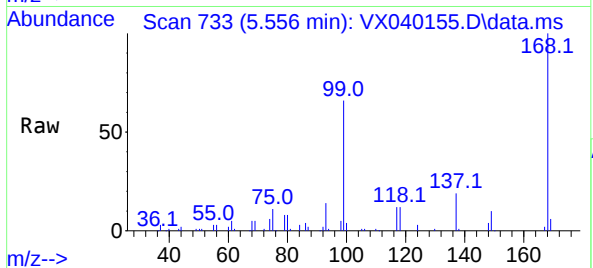
Quant Time: Feb 08 00:35:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration



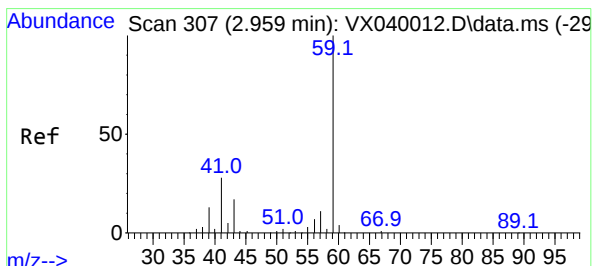
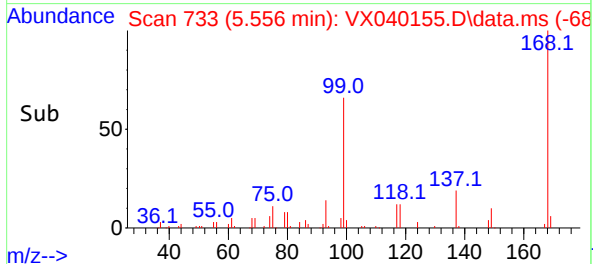
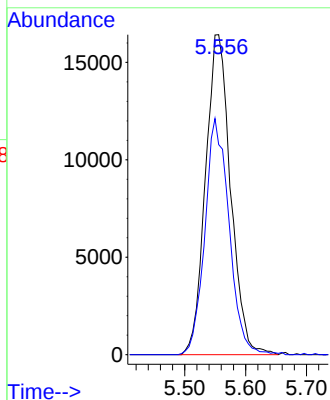


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

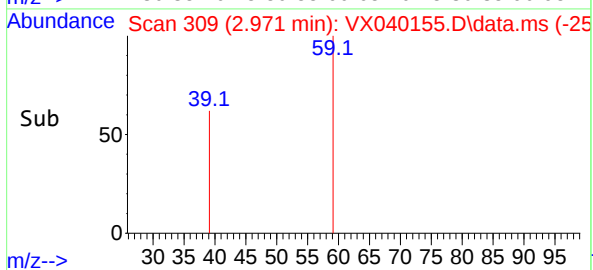
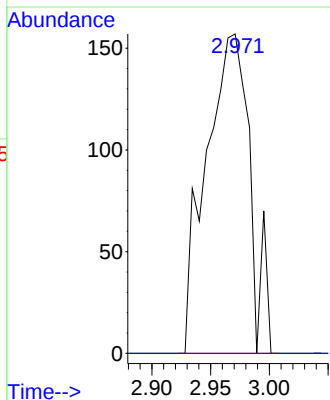
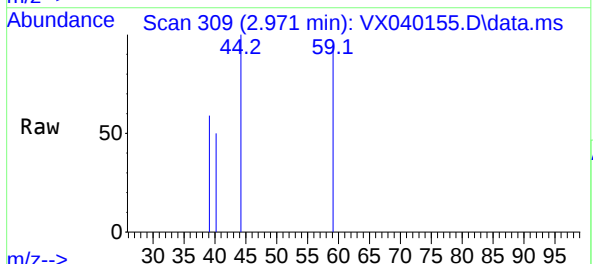


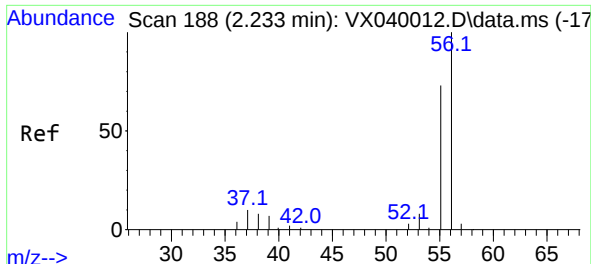
Tgt Ion:168 Resp: 47004
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.965 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.012 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

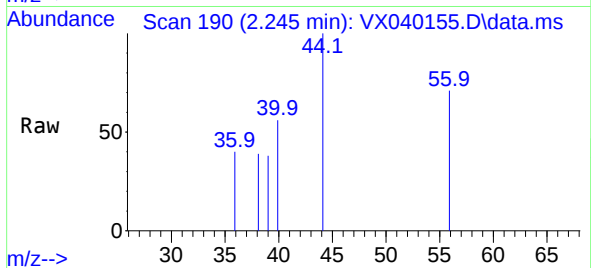
Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



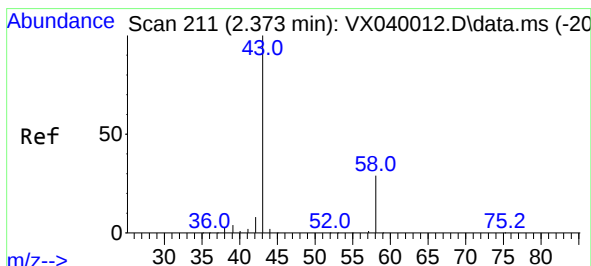
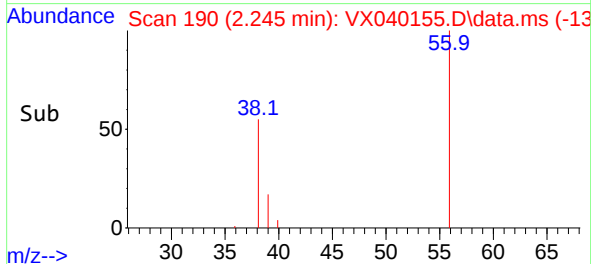
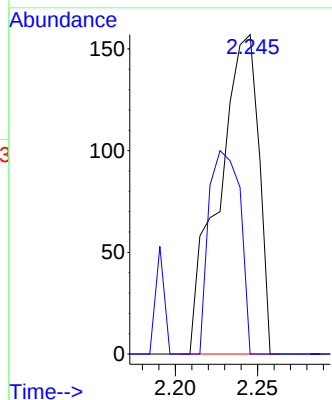


#13
Acrolein
Concen: 2.007 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.012 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

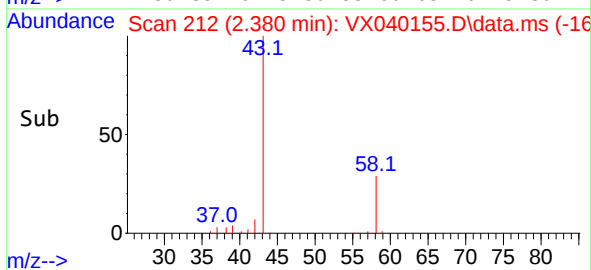
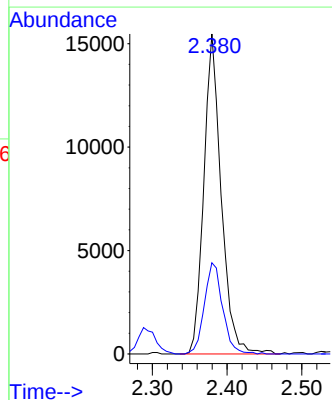
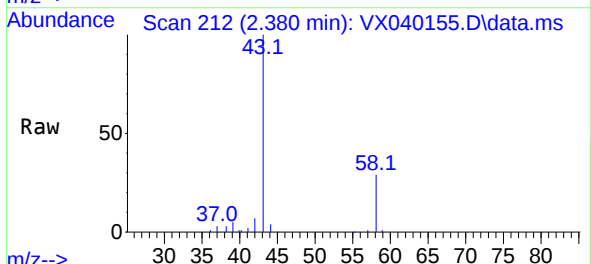


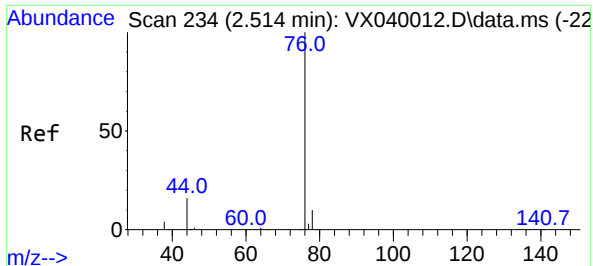
Tgt Ion: 56 Resp: 264
Ion Ratio Lower Upper
56 100
55 50.0 57.1 85.7#



#16
Acetone
Concen: 70.587 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

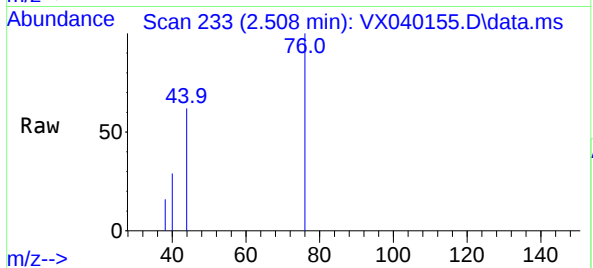
Tgt Ion: 43 Resp: 25019
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



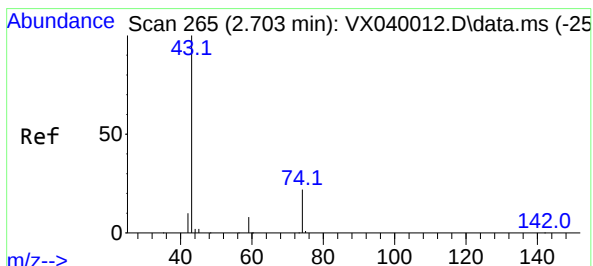
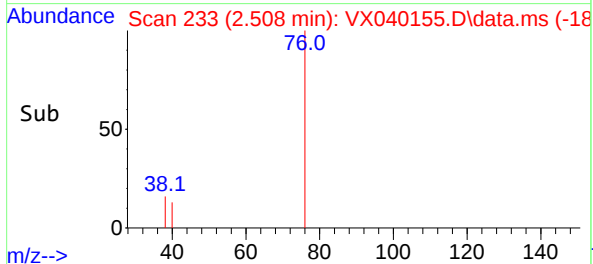
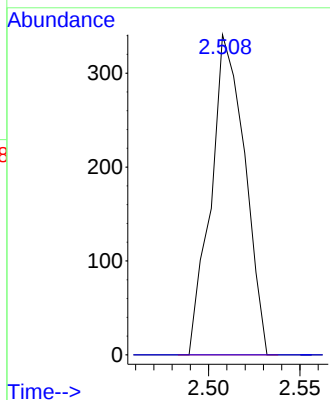


#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

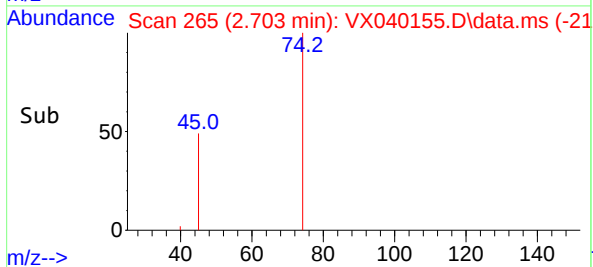
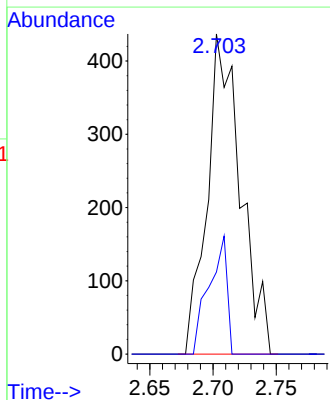
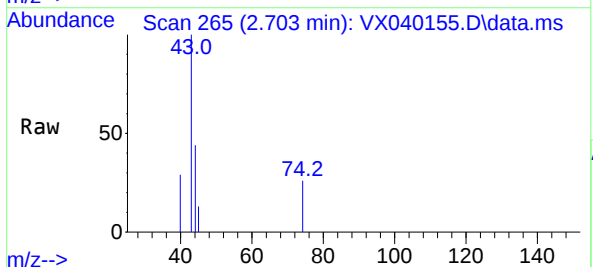


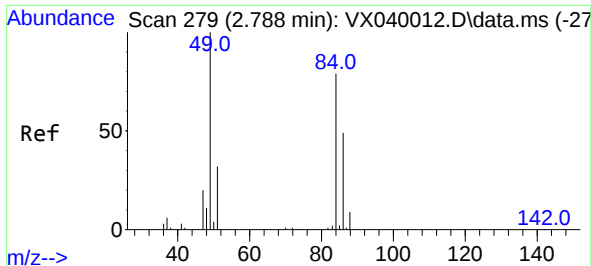
Tgt Ion: 76 Resp: 438
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.955 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

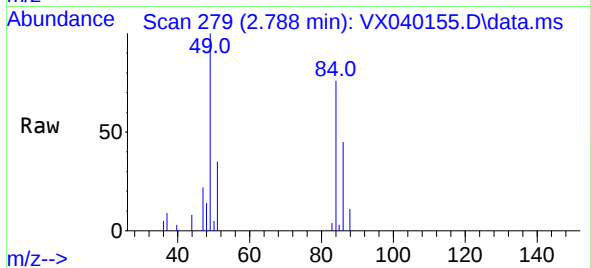
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
74 20.1 17.8 26.8





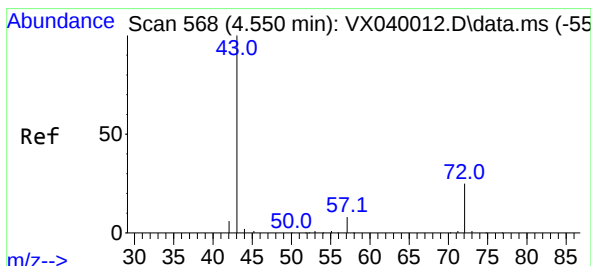
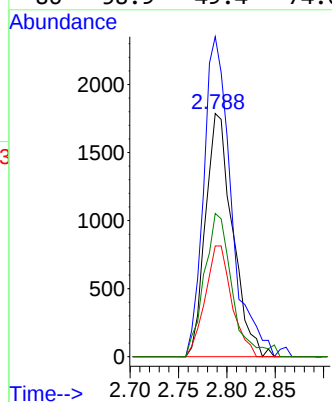
#20
Methylene Chloride
Concen: 5.514 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 3473

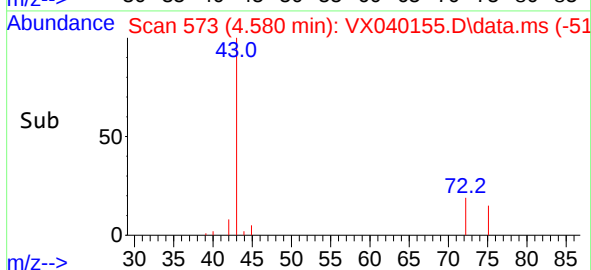
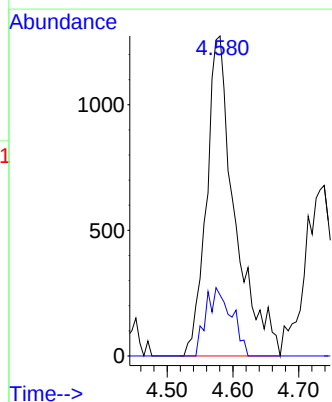
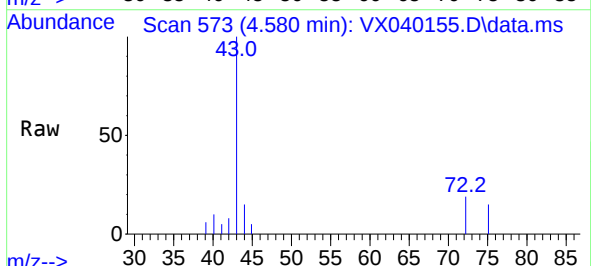
Ion	Ratio	Lower	Upper
84	100		
49	131.6	103.6	155.4
51	45.5	33.8	50.6
86	58.9	49.4	74.0

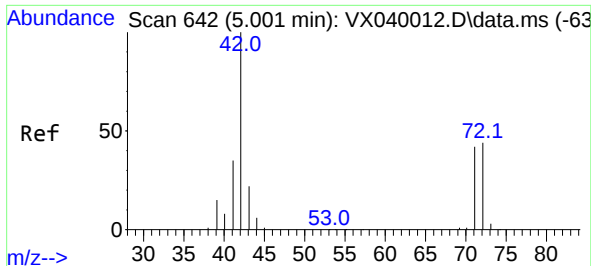


#25
2-Butanone
Concen: 7.741 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Tgt Ion: 43 Resp: 3814

Ion	Ratio	Lower	Upper
43	100		
72	19.1	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.926 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX040155.D

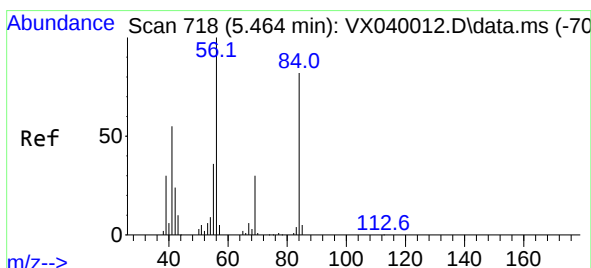
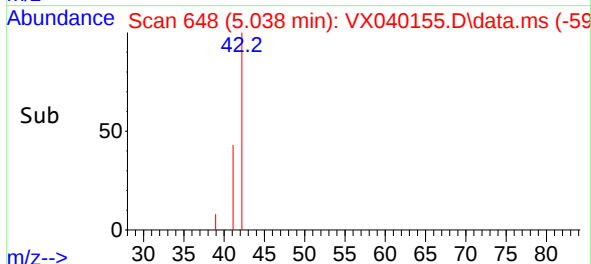
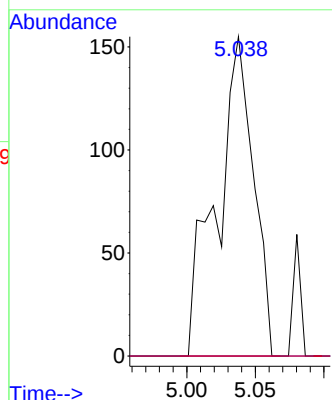
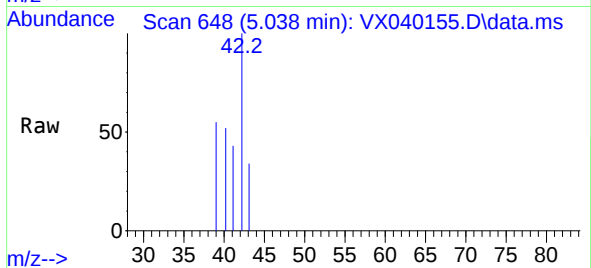
Acq: 07 Feb 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	290
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.864 ug/l

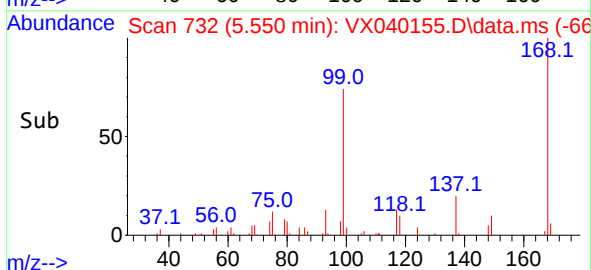
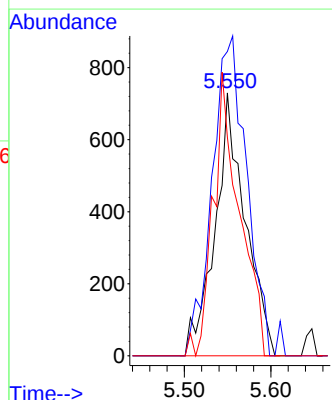
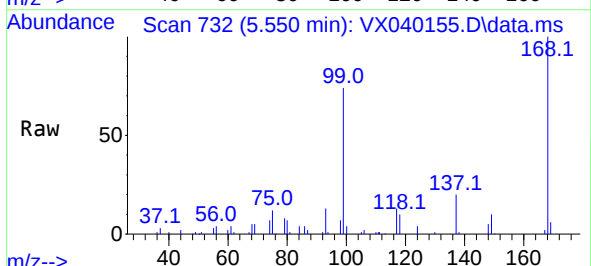
RT: 5.550 min Scan# 732

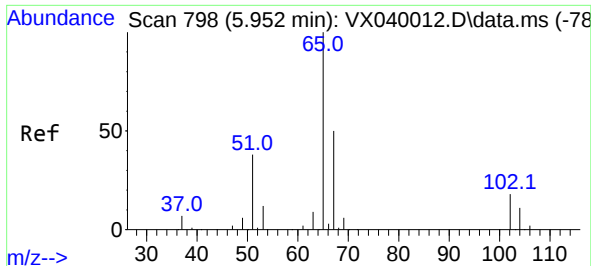
Delta R.T. 0.085 min

Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

Tgt Ion:	56	Resp:	1766
Ion	Ratio	Lower	Upper
56	100		
69	115.8	23.4	35.2#
84	83.2	65.9	98.9

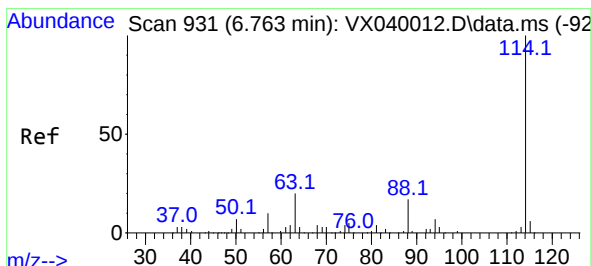
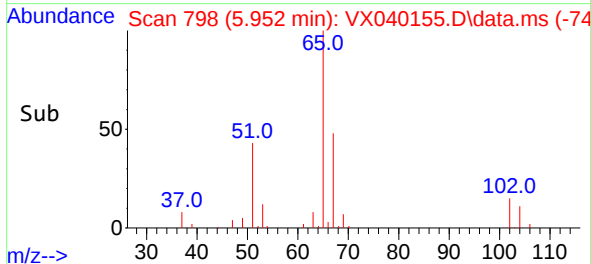
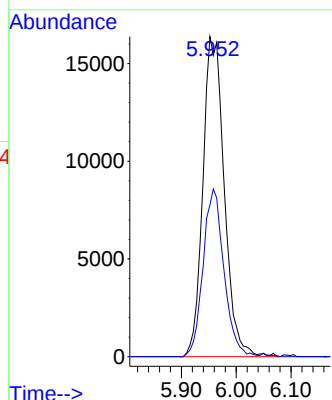
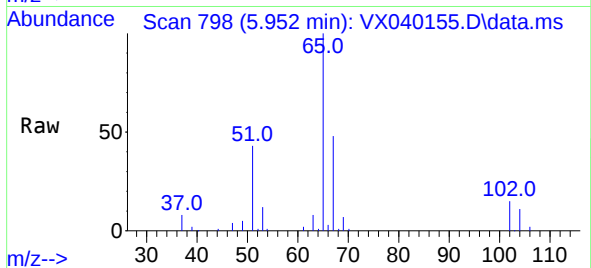




#33
1,2-Dichloroethane-d4
Concen: 58.645 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

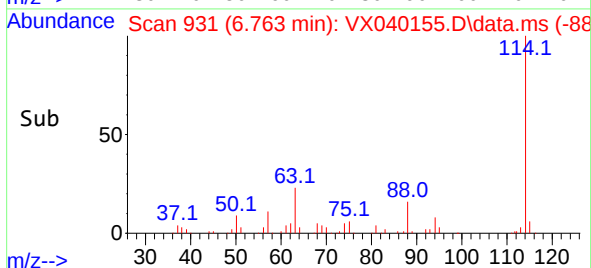
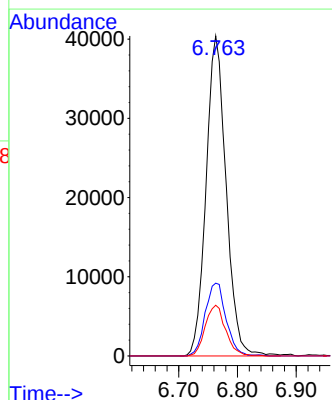
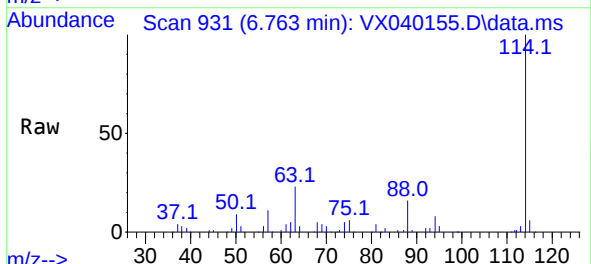
Instrument :
MSVOA_X
ClientSampleId :

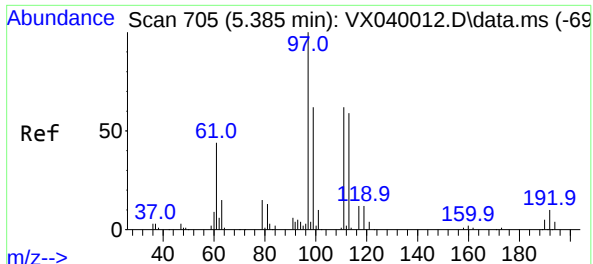
Tgt Ion: 65 Resp: 44363
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Tgt Ion: 114 Resp: 95763
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.057 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

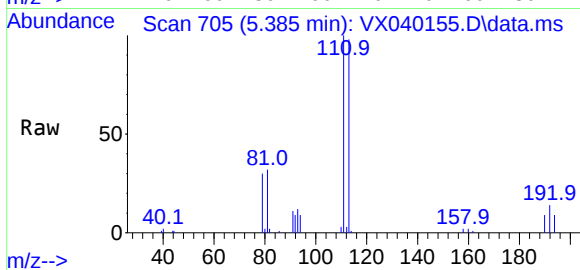
Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :



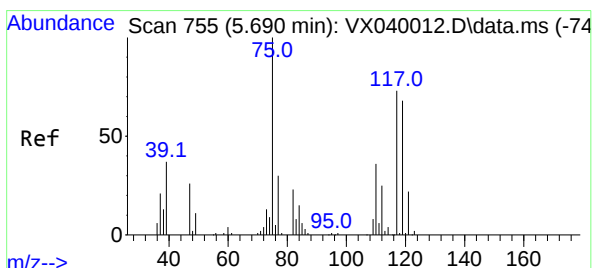
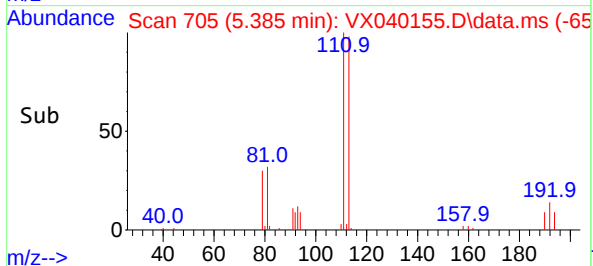
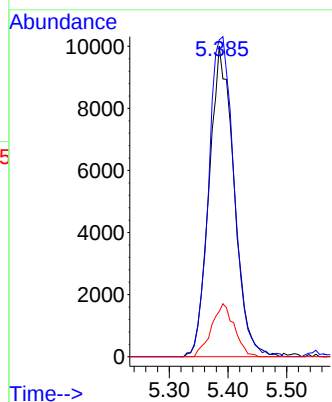
Tgt Ion:113 Resp: 29372

Ion Ratio Lower Upper

113 100

111 105.3 82.9 124.3

192 15.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.387 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

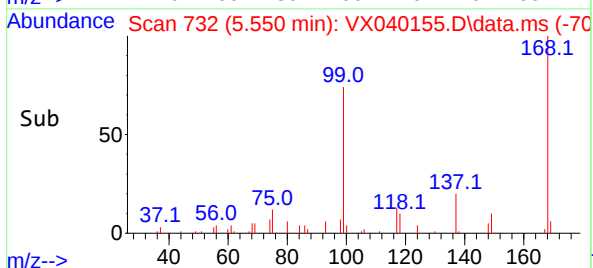
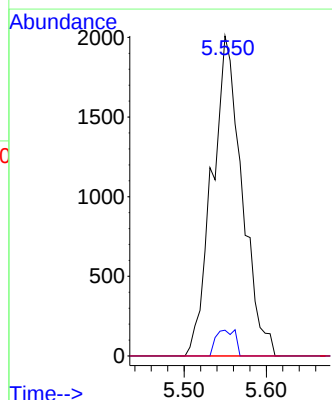
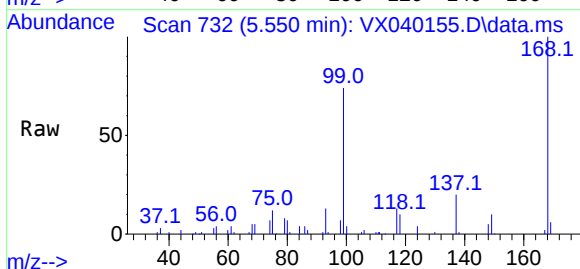
Tgt Ion: 75 Resp: 5079

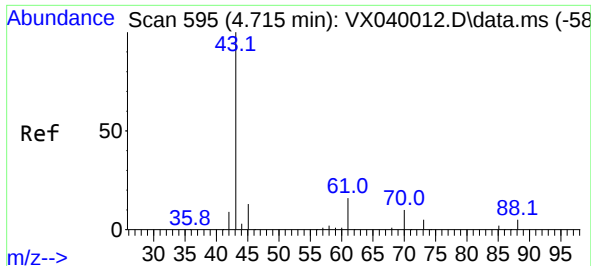
Ion Ratio Lower Upper

75 100

110 5.3 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.203 ug/l

RT: 4.739 min Scan# 51

Delta R.T. 0.024 min

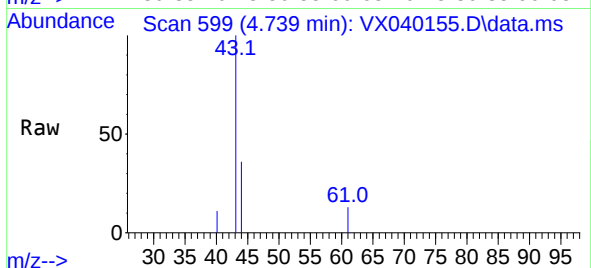
Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

Instrument :

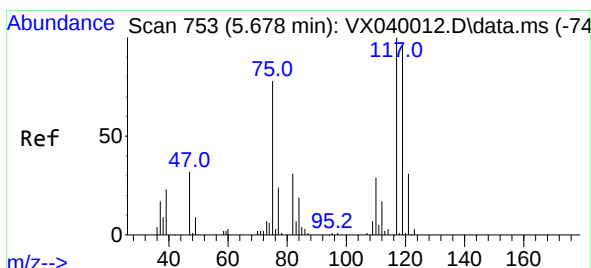
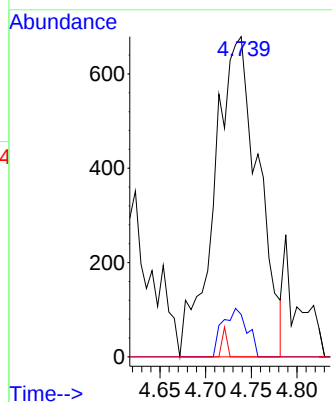
MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 2268

Ion	Ratio	Lower	Upper
43	100		
61	8.5	10.6	16.0#
70	1.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.274 ug/l

RT: 5.550 min Scan# 732

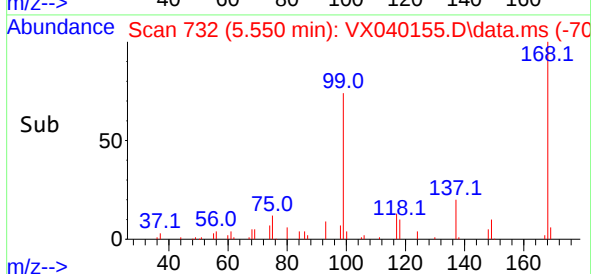
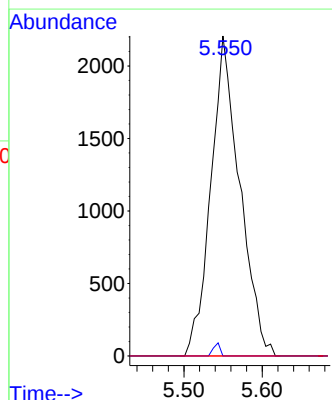
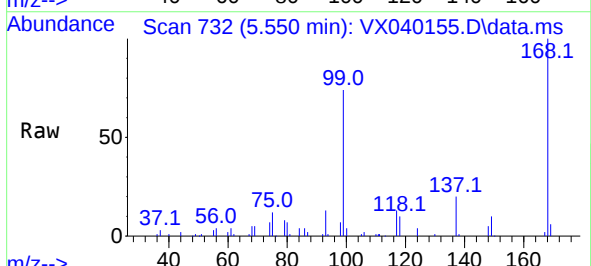
Delta R.T. -0.128 min

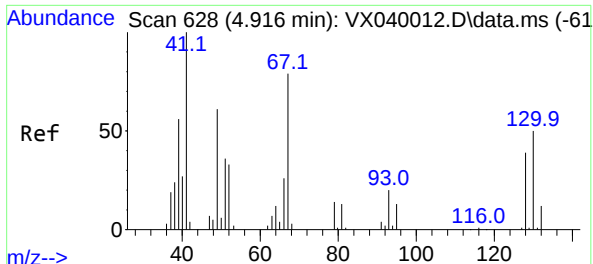
Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

Tgt Ion: 117 Resp: 5660

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.2	117.2#
121	0.0	24.4	36.6#



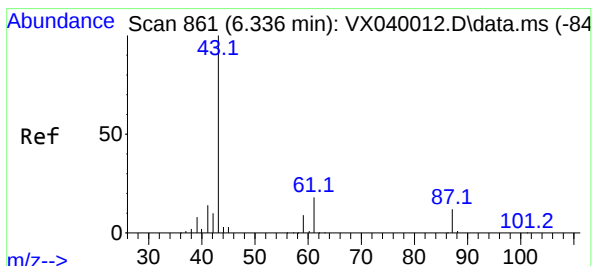
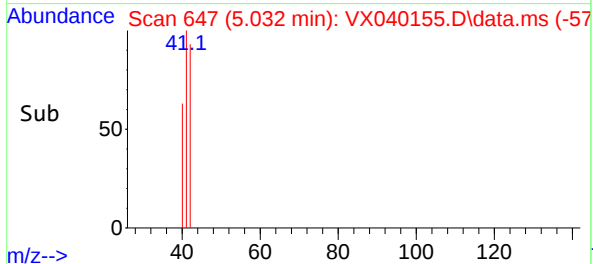
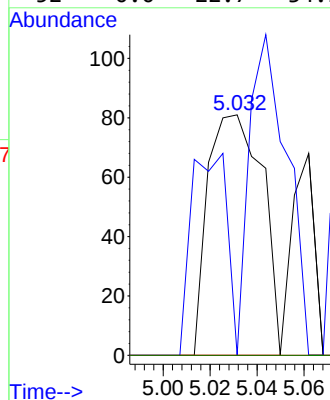
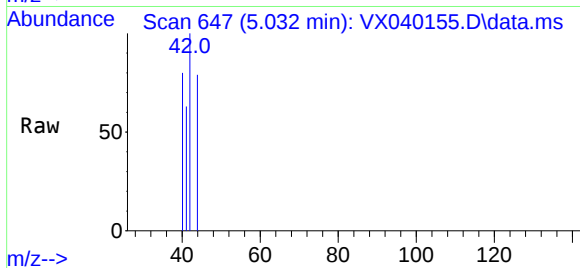


#41
Methacrylonitrile
Concen: 0.249 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.116 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 130

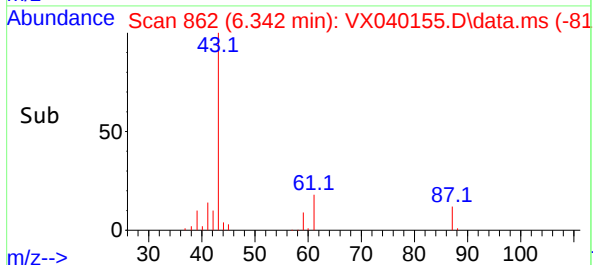
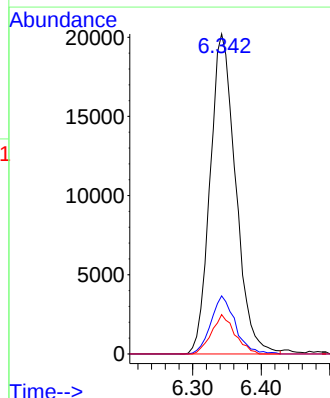
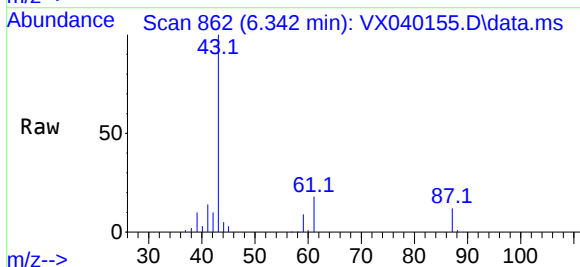
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.2	67.8
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#

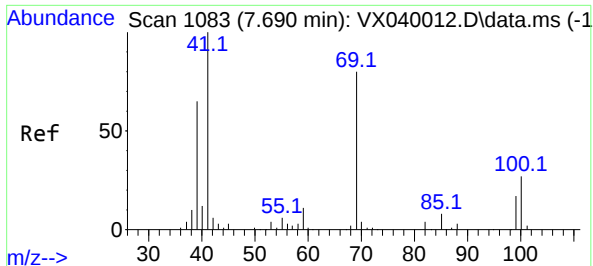


#43
Isopropyl Acetate
Concen: 32.200 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Tgt Ion: 43 Resp: 52283

Ion	Ratio	Lower	Upper
43	100		
61	17.3	15.2	22.8
87	11.2	9.8	14.6





#48

Methyl methacrylate

Concen: 59.062 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

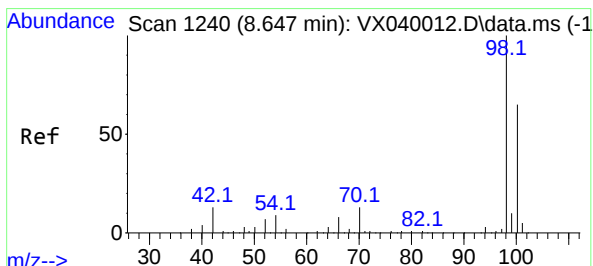
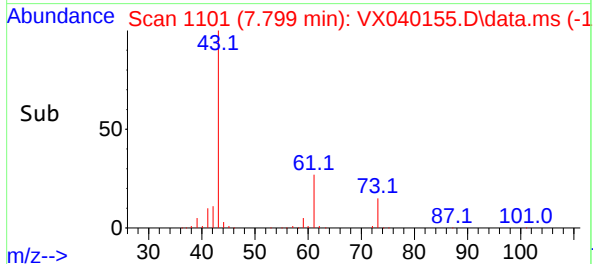
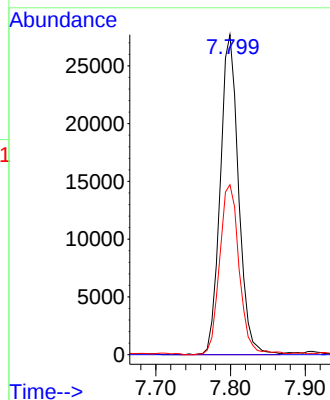
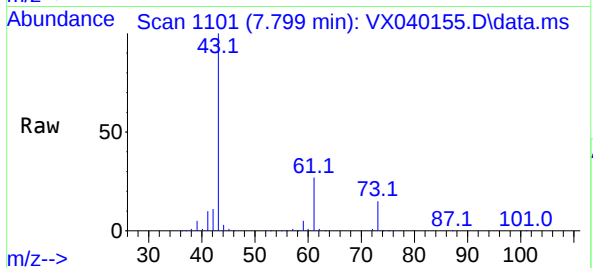
Tgt Ion: 41 Resp: 47241

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 57.0 47.7 71.5



#50

Toluene-d8

Concen: 50.597 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040155.D

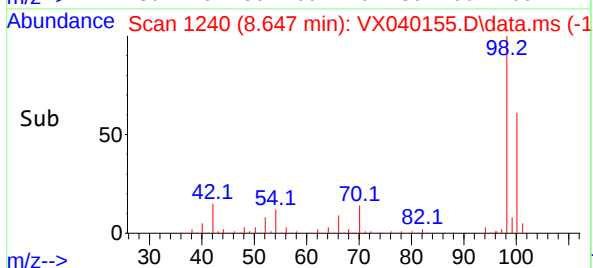
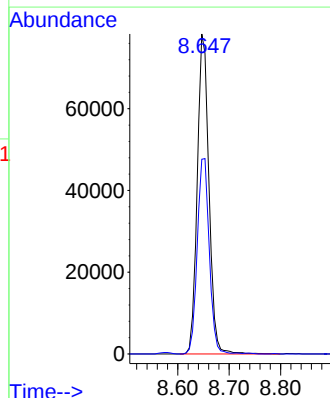
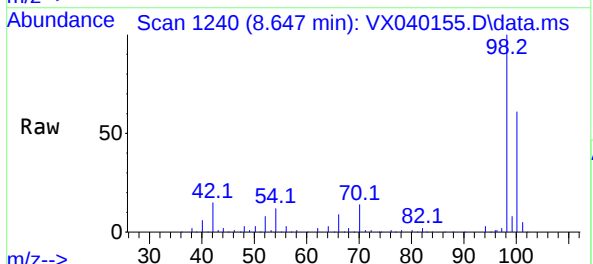
Acq: 07 Feb 2024 16:27

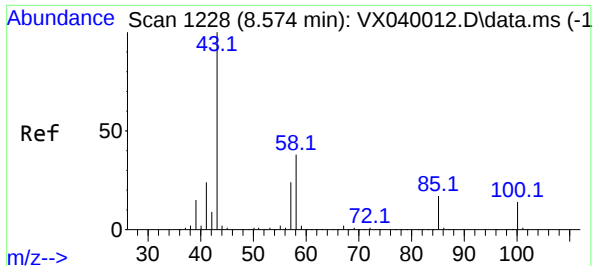
Tgt Ion: 98 Resp: 123349

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 35.909 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

Instrument :

MSVOA_X

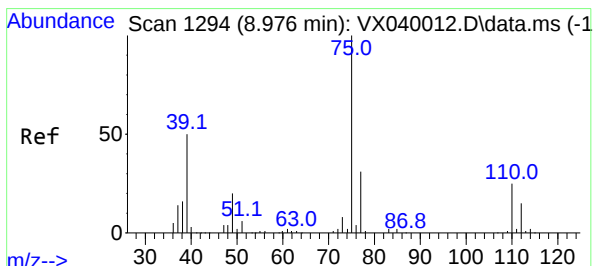
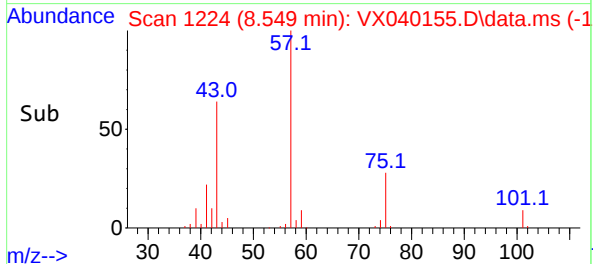
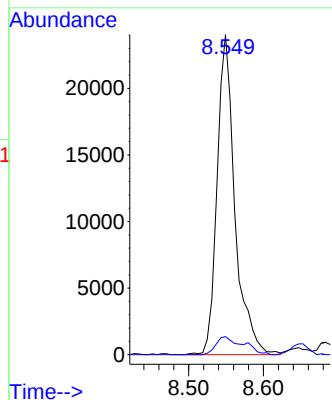
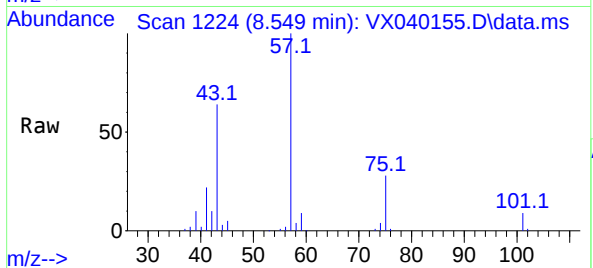
ClientSampleId :

Tgt Ion: 43 Resp: 39802

Ion Ratio Lower Upper

43 100

58 8.6 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 0.306 ug/l

RT: 8.958 min Scan# 1291

Delta R.T. -0.018 min

Lab File: VX040155.D

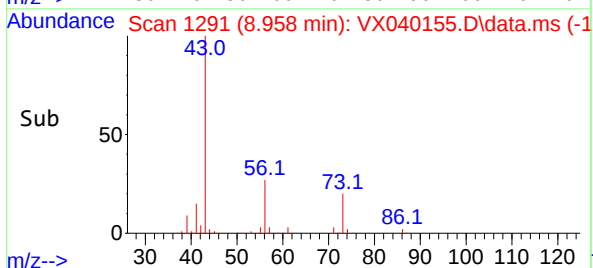
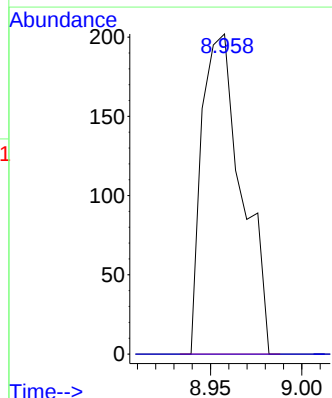
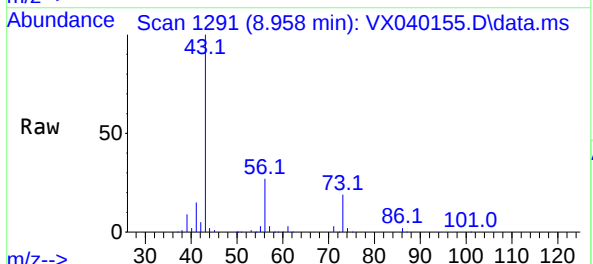
Acq: 07 Feb 2024 16:27

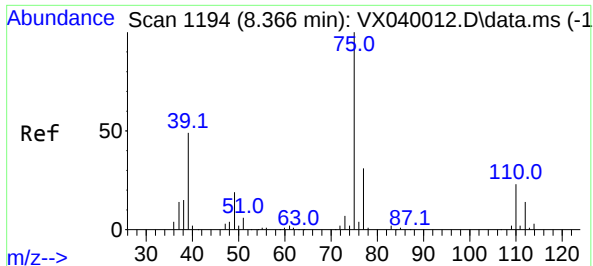
Tgt Ion: 75 Resp: 308

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#





#54

cis-1,3-Dichloropropene

Concen: 13.828 ug/l

RT: 8.549 min Scan# 11

Delta R.T. 0.183 min

Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

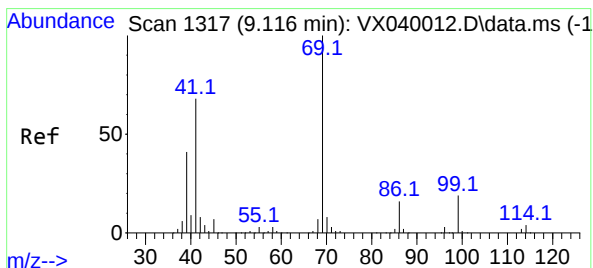
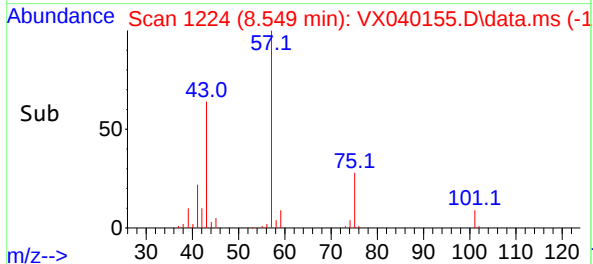
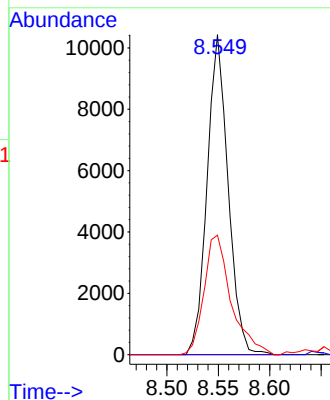
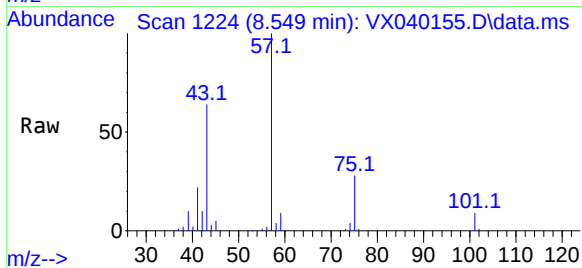
Tgt Ion: 75 Resp: 14833

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

39 37.4 46.7 70.1#



#56

Ethyl methacrylate

Concen: 0.335 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. 0.128 min

Lab File: VX040155.D

Acq: 07 Feb 2024 16:27

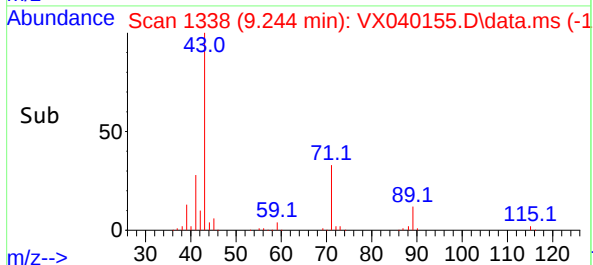
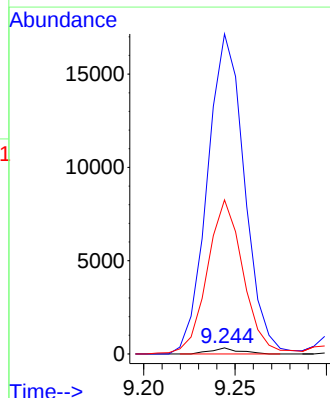
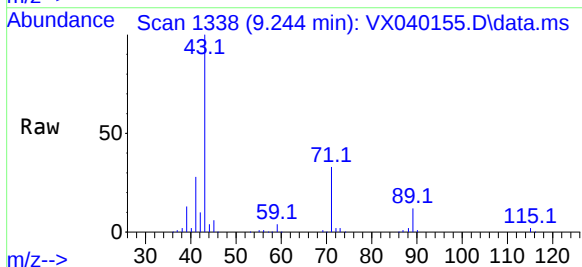
Tgt Ion: 69 Resp: 347

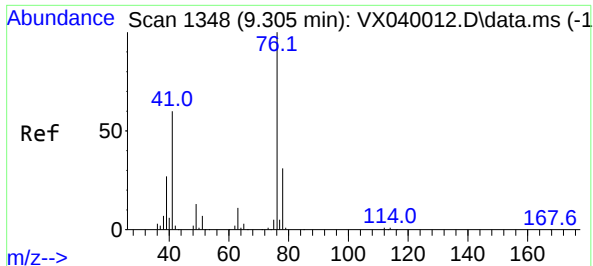
Ion Ratio Lower Upper

69 100

41 6991.9 56.8 85.2#

39 3278.4 32.0 48.0#

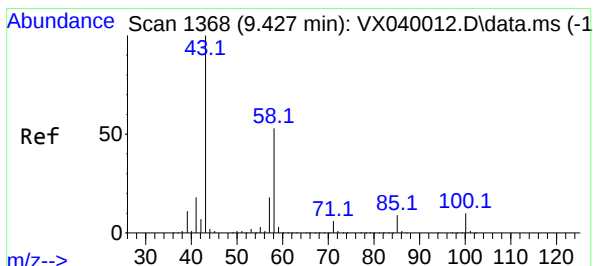
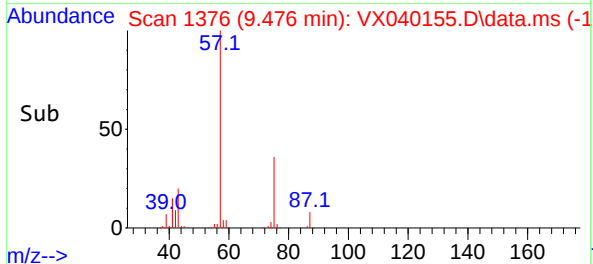
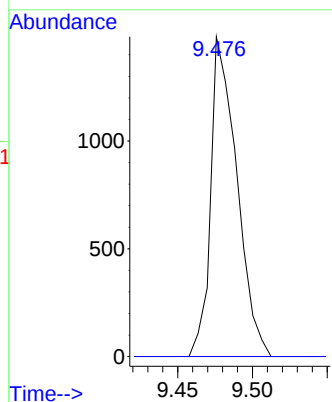
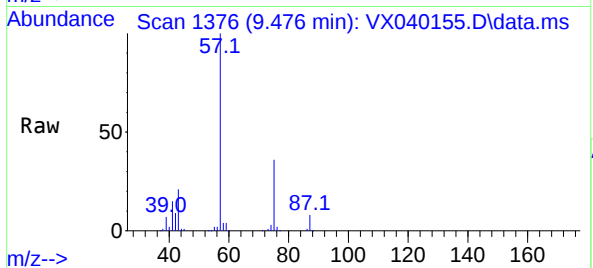




#57
1,3-Dichloropropane
Concen: 1.543 ug/l
RT: 9.476 min Scan# 11
Delta R.T. 0.171 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

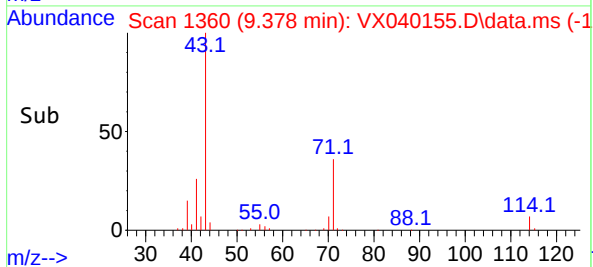
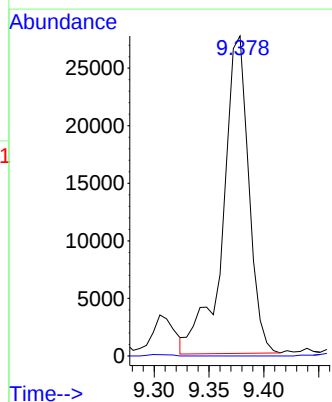
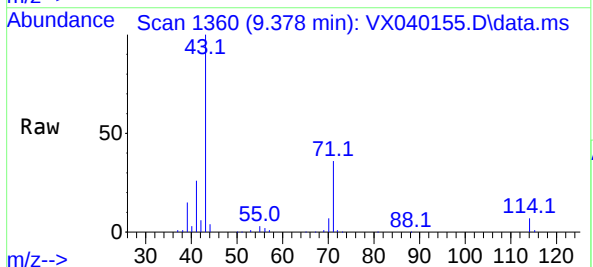
Instrument :
MSVOA_X
ClientSampleId :

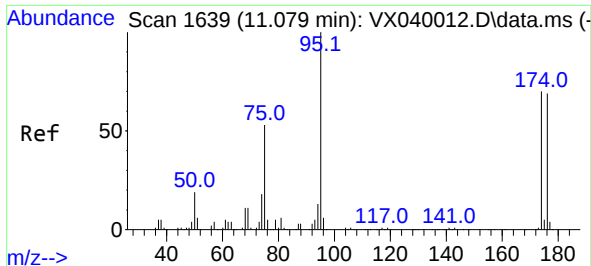
Tgt Ion: 76 Resp: 1800
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 51.078 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Tgt Ion: 43 Resp: 45140
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

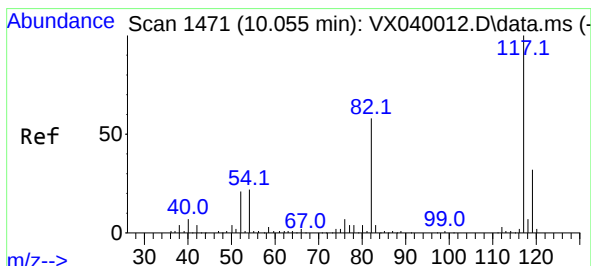
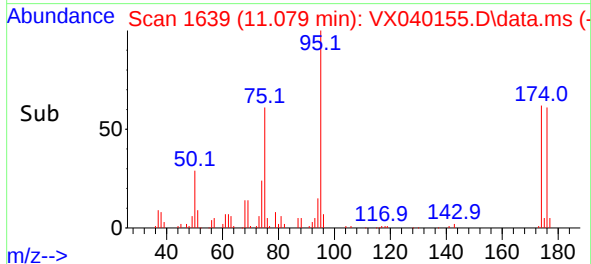
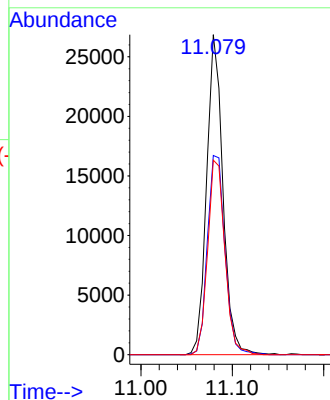
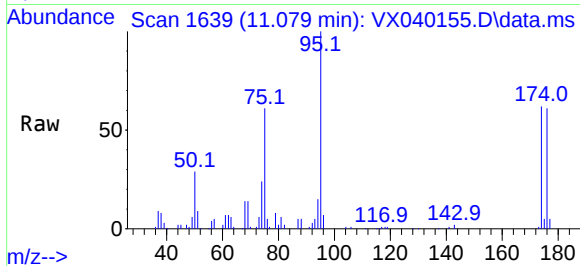




#62
4-Bromofluorobenzene
Concen: 35.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

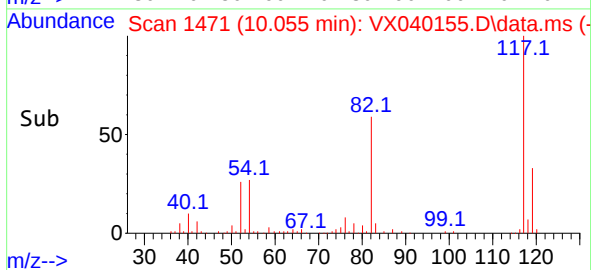
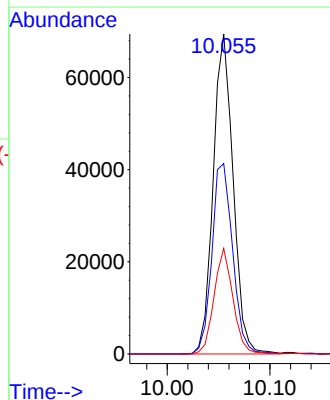
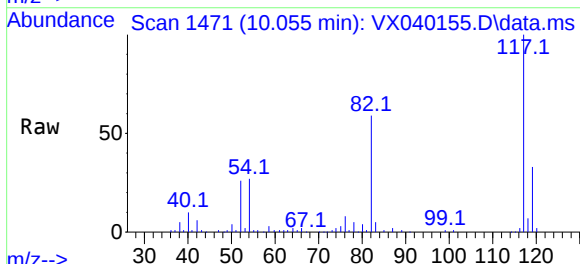
Instrument :
MSVOA_X
ClientSampleId :

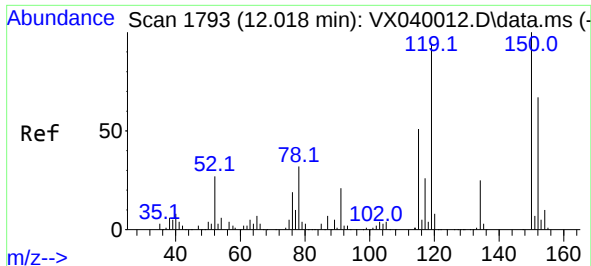
Tgt Ion: 95 Resp: 33349
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 64.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

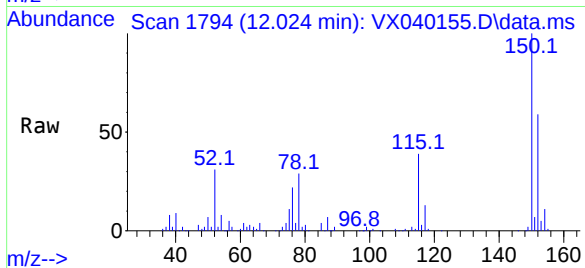
Tgt Ion: 117 Resp: 93468
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.9 25.5 38.3



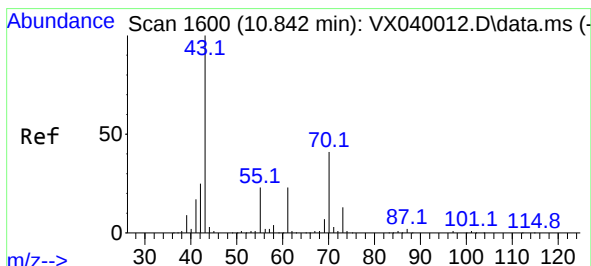
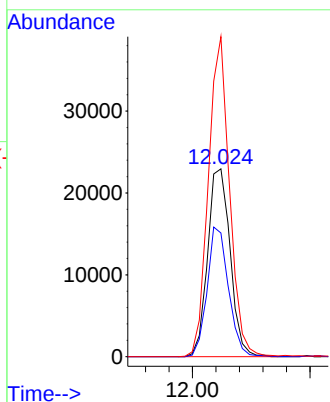
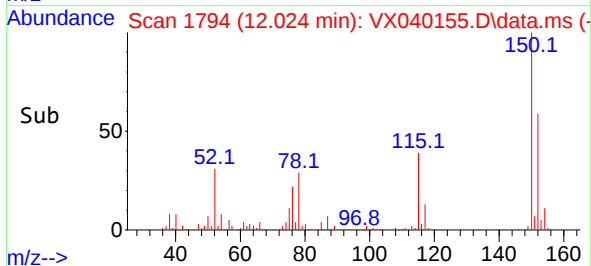


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

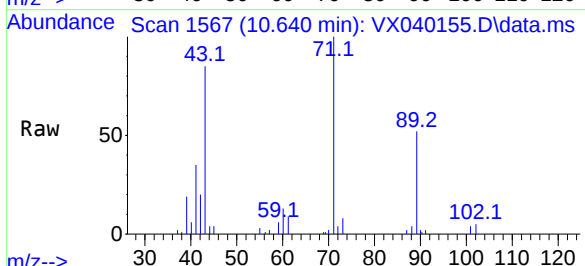
Instrument :
MSVOA_X
ClientSampleId :



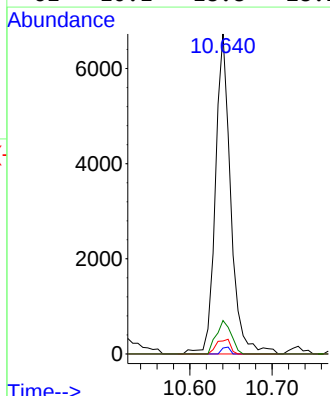
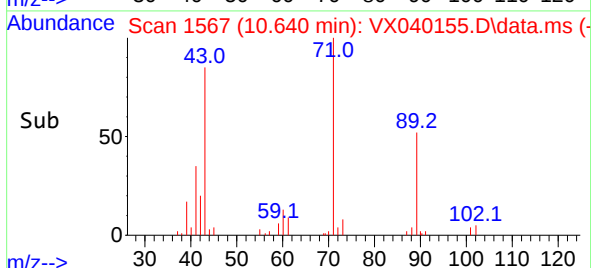
Tgt Ion:152 Resp: 30573
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 160.0 0.0 345.0

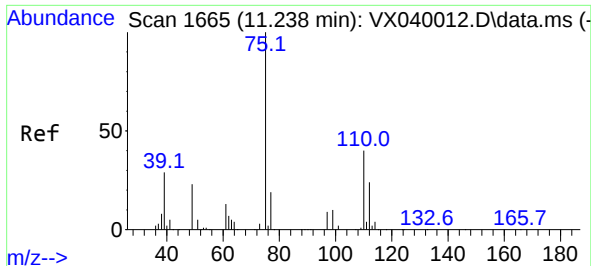


#74
N-ethyl acetate
Concen: 8.875 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.202 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27



Tgt Ion: 43 Resp: 8708
Ion Ratio Lower Upper
43 100
70 1.1 32.9 49.3#
55 4.2 19.3 28.9#
61 10.1 18.8 28.2#

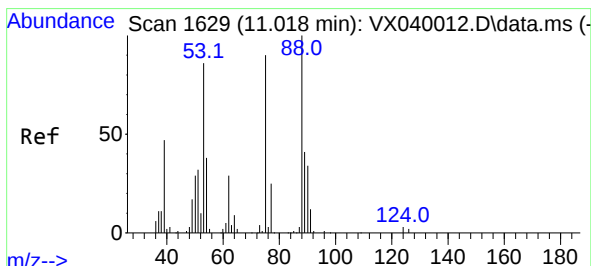
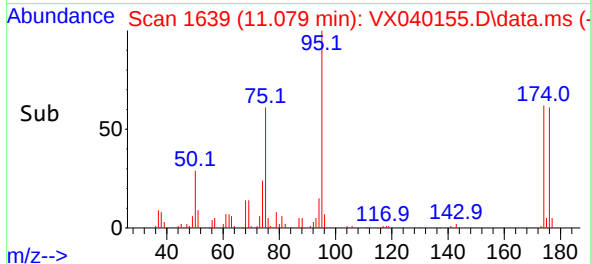
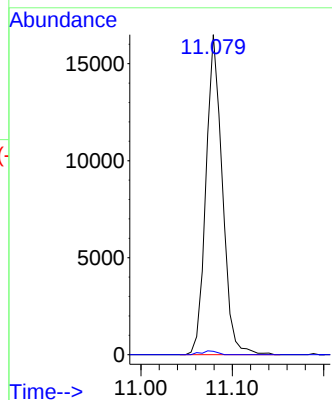
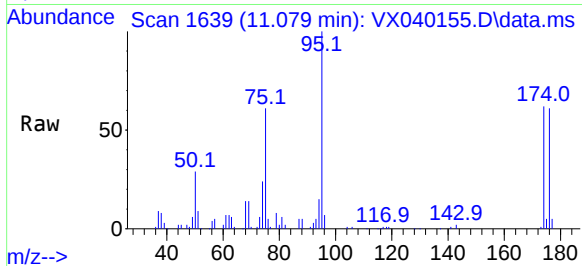




#76
1,2,3-Trichloropropane
Concen: 31.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

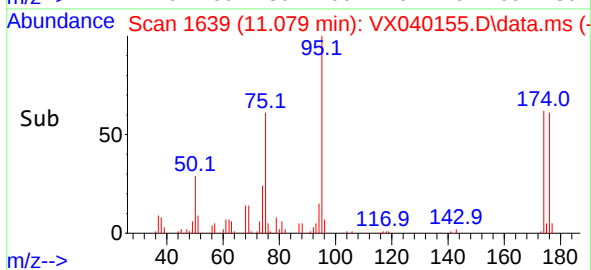
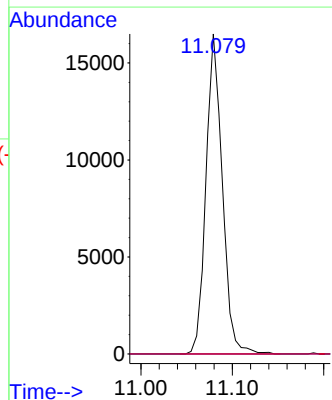
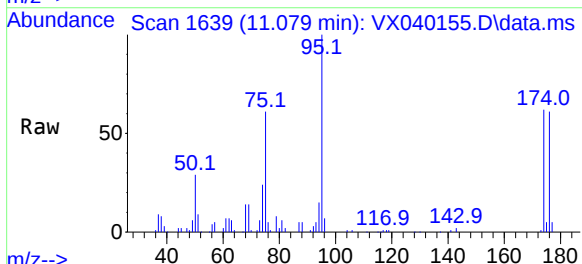
Instrument :
MSVOA_X
ClientSampleId :

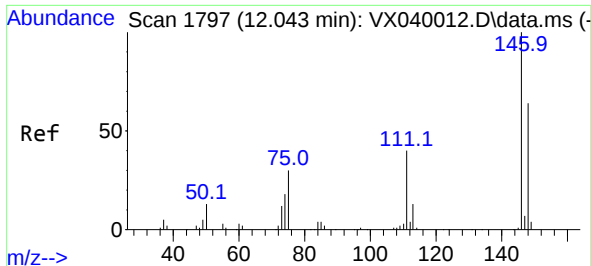
Tgt Ion: 75 Resp: 20540
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

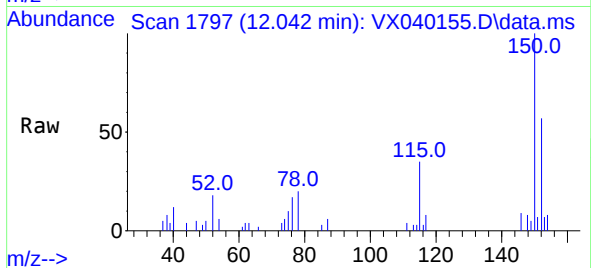
Tgt Ion: 75 Resp: 20540
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



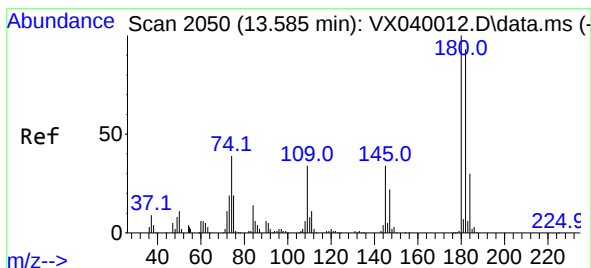
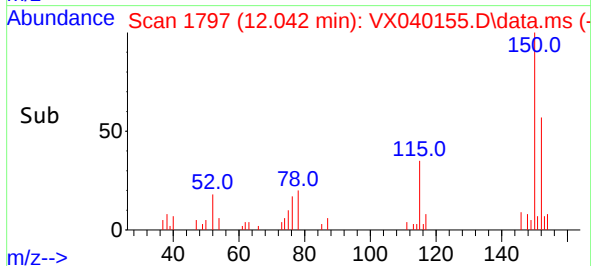
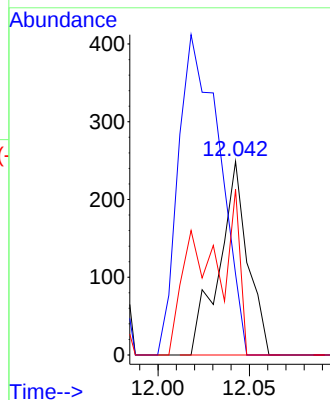


#88
1,4-Dichlorobenzene
Concen: 0.259 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :

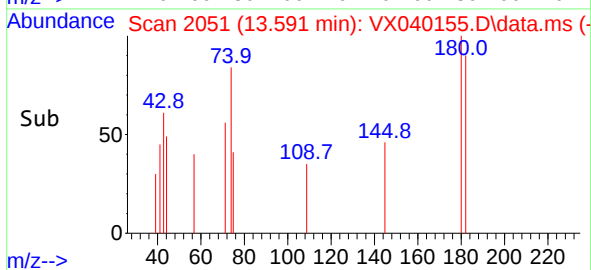
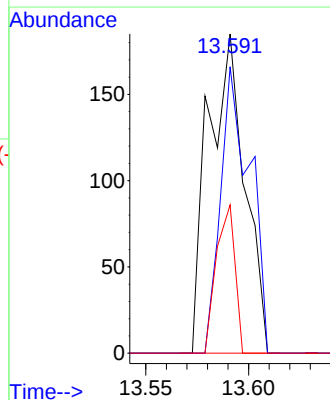
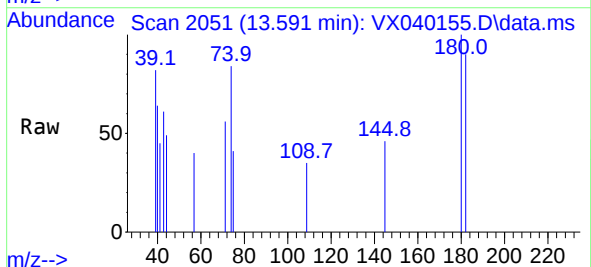


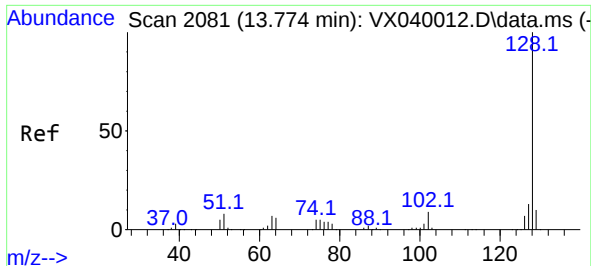
Tgt Ion:146 Resp: 271
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.7#
148 0.0 31.8 95.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.372 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

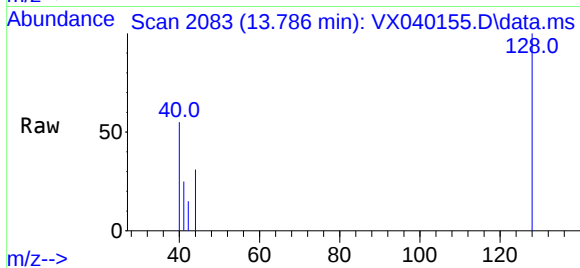
Tgt Ion:180 Resp: 229
Ion Ratio Lower Upper
180 100
182 72.1 48.3 144.8
145 23.6 18.0 54.0



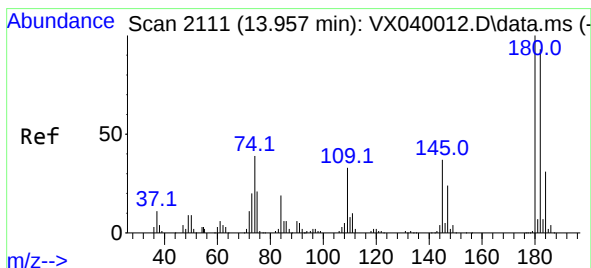
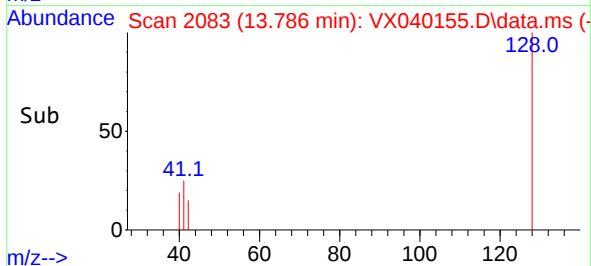
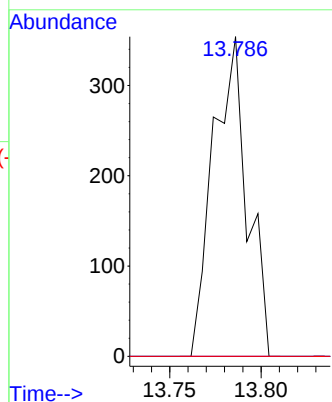


#95
Naphthalene
Concen: 0.219 ug/l
RT: 13.786 min Scan# 2081
Delta R.T. 0.012 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 459
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.248 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX040155.D
Acq: 07 Feb 2024 16:27

Tgt Ion:180 Resp: 151
Ion Ratio Lower Upper
180 100
182 90.1 46.9 140.6
145 0.0 17.8 53.5#

