

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040158.D
 Acq On : 07 Feb 2024 17:37
 Operator : JC/MD
 Sample : P1337-19RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Quant Time: Feb 08 00:35:51 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

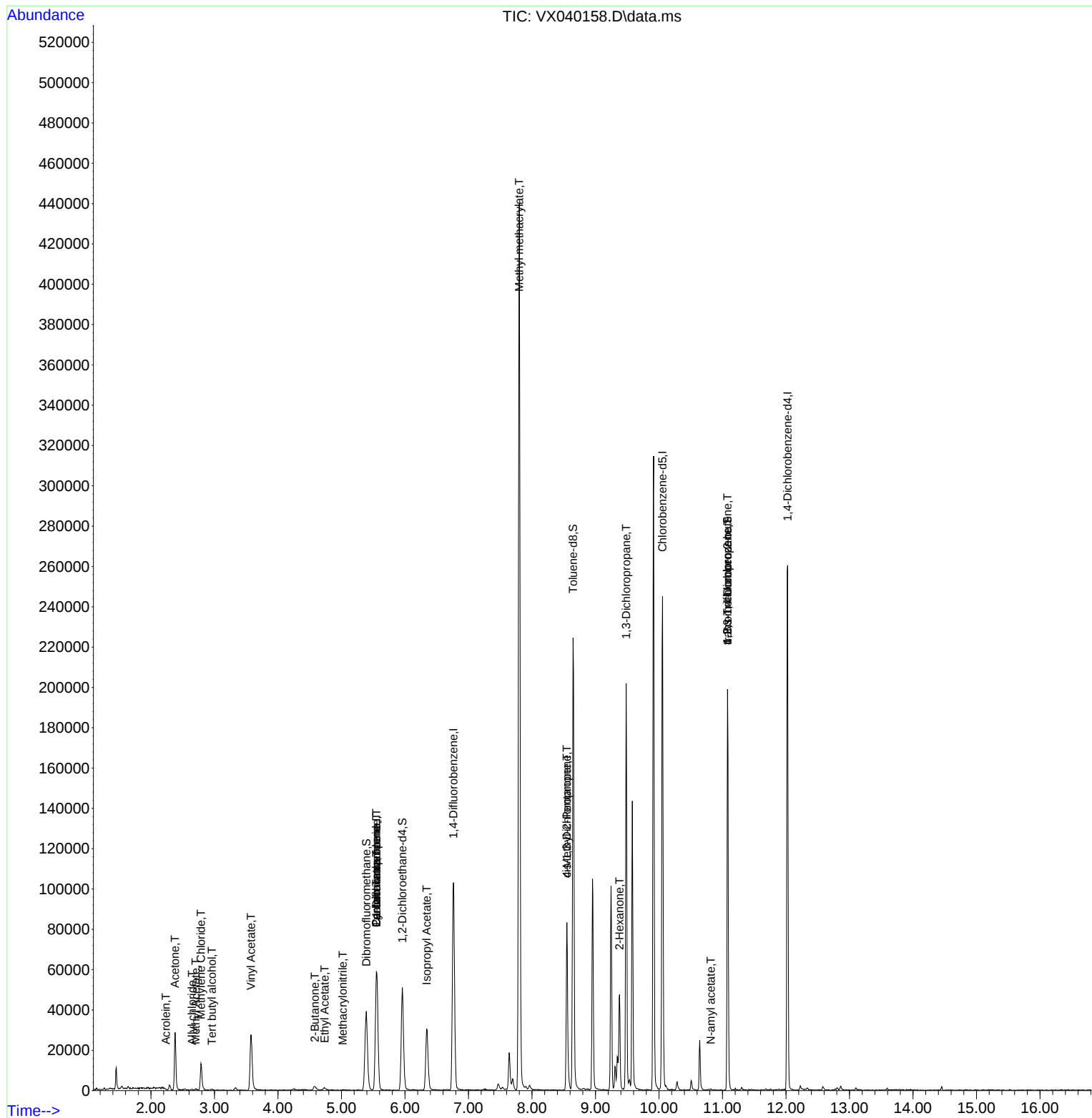
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	49906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45450	56.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.180%
35) Dibromofluoromethane	5.391	113	31397	48.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.647	98	126463	52.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.260%
62) 4-Bromofluorobenzene	11.079	95	48678	52.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.240%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	357	2.450	ug/l #	78
13) Acrolein	2.233	56	144	1.031	ug/l #	52
14) Allyl chloride	2.648	41	454	0.449	ug/l #	60
16) Acetone	2.380	43	29835	79.280	ug/l	97
18) Methyl Acetate	2.703	43	809	0.907	ug/l #	66
20) Methylene Chloride	2.788	84	5159	7.714	ug/l	92
23) Vinyl Acetate	3.575	43	470	0.268	ug/l #	73
25) 2-Butanone	4.581	43	3204	6.125	ug/l	94
31) Cyclohexane	5.550	56	1576	1.566	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	5338	5.690	ug/l #	48
37) Ethyl Acetate	4.733	43	2606	2.544	ug/l #	81
38) Carbon Tetrachloride	5.550	117	5796	6.457	ug/l #	16
41) Methacrylonitrile	5.019	41	117	0.225	ug/l #	3
43) Isopropyl Acetate	6.342	43	43869	27.153	ug/l	96
48) Methyl methacrylate	7.799	41	40328	50.673	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	31987	29.004	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	11299	10.587	ug/l #	73
57) 1,3-Dichloropropane	9.482	76	1417	1.220	ug/l #	42
59) 2-Hexanone	9.378	43	36711	41.749	ug/l #	26
74) N-amyl acetate	10.817	43	313	0.393	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	29740	28.290	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	29740	81.942	ug/l #	5

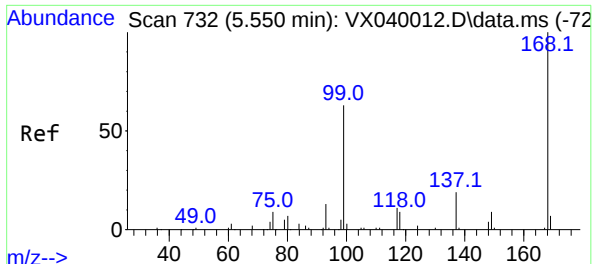
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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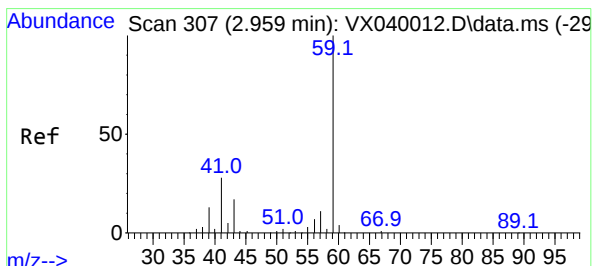
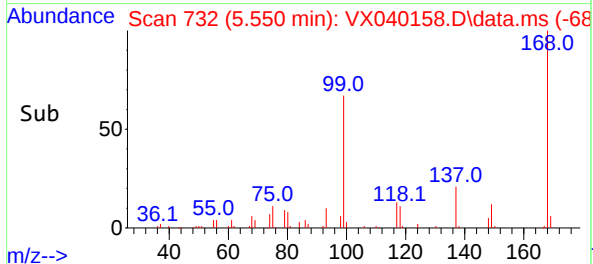
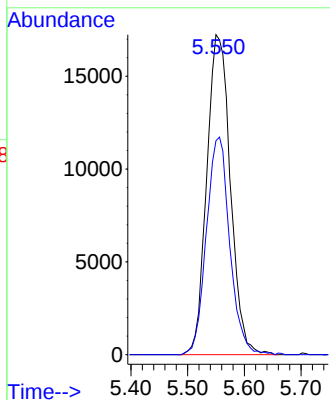
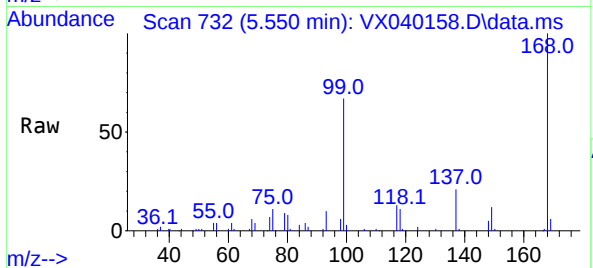




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

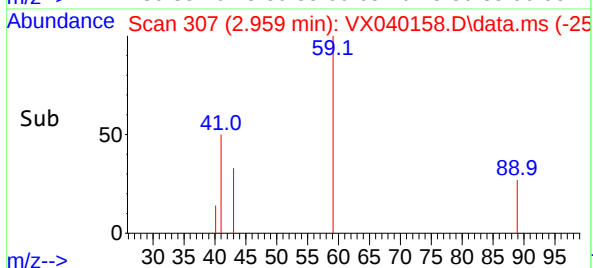
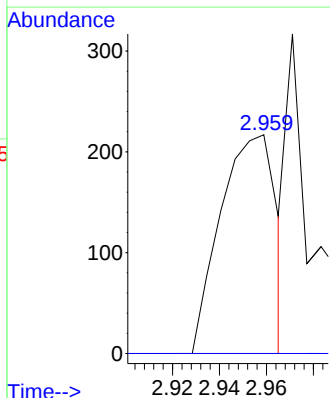
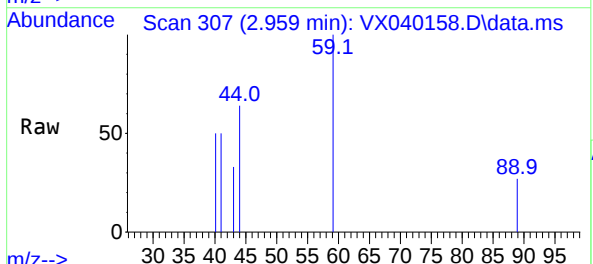
Instrument :
MSVOA_X
ClientSampleId :
TP-6

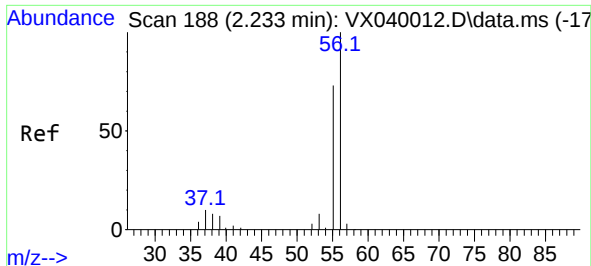
Tgt Ion:168 Resp: 49906
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.450 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

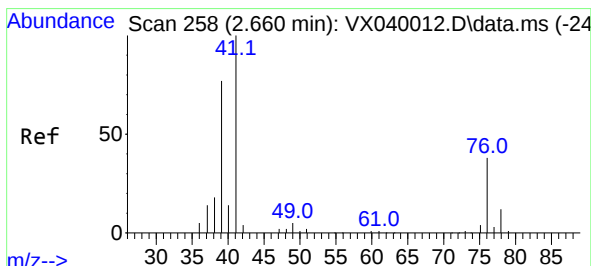
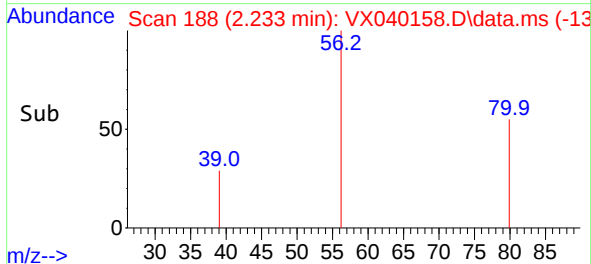
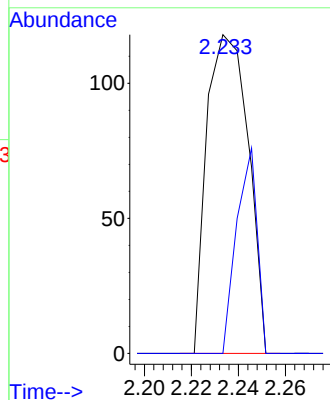
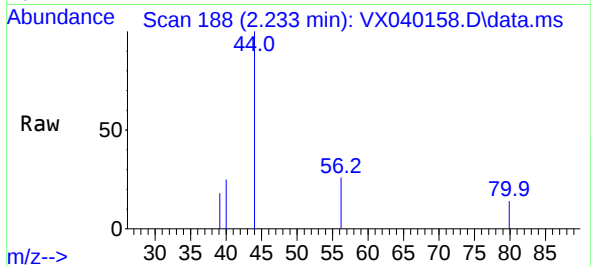




#13
Acrolein
Concen: 1.031 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

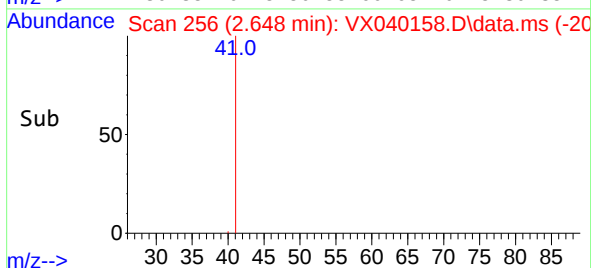
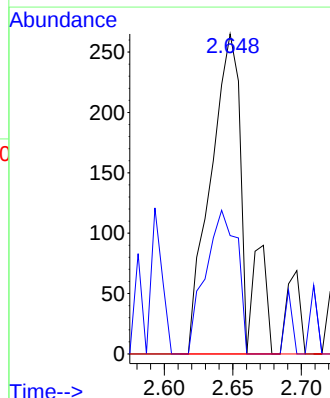
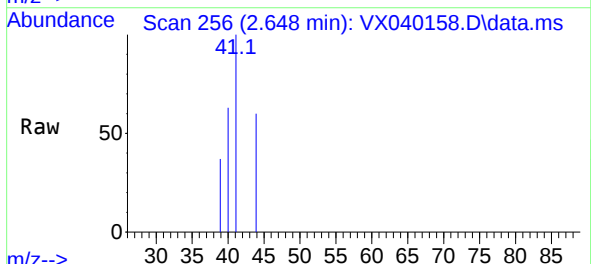
Instrument :
MSVOA_X
ClientSampleId :
TP-6

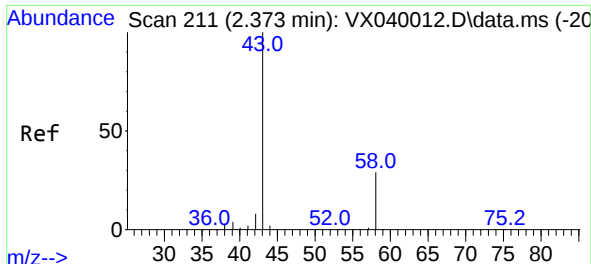
Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 31.9 57.1 85.7#



#14
Allyl chloride
Concen: 0.449 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.012 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 41 Resp: 454
Ion Ratio Lower Upper
41 100
39 42.1 55.8 83.6#
76 0.0 24.3 36.5#

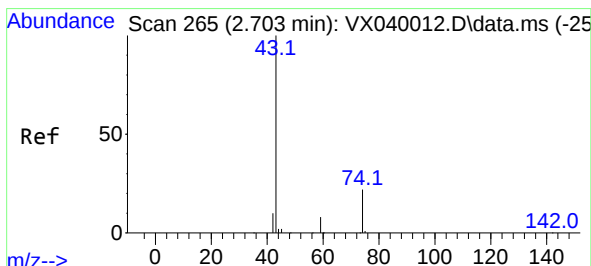
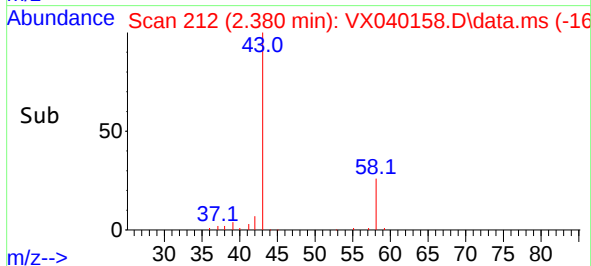
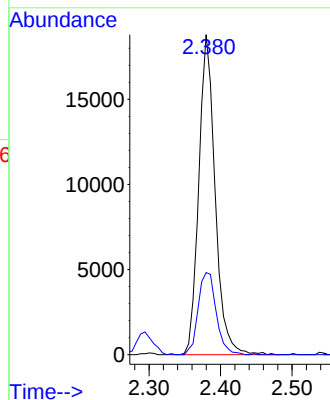
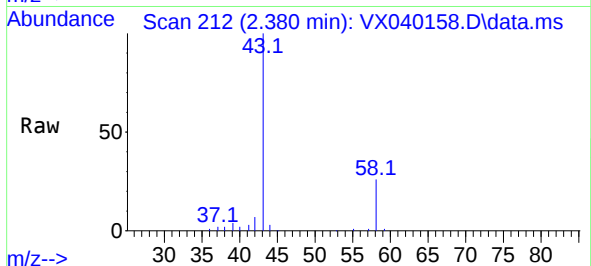




#16
Acetone
Concen: 79.280 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

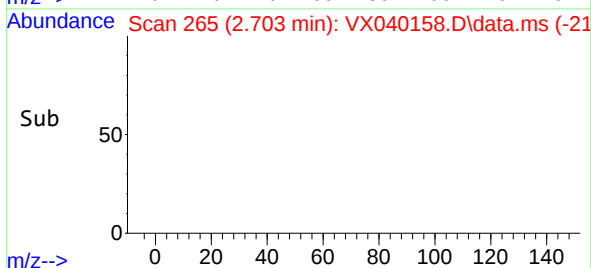
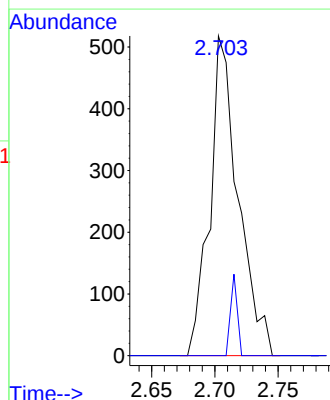
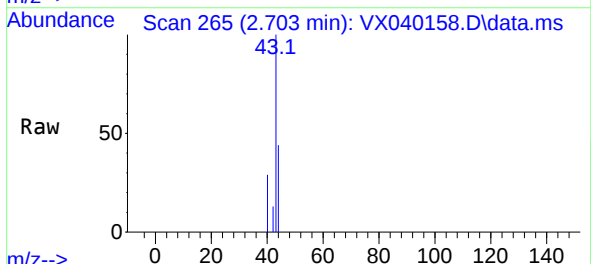
Instrument :
MSVOA_X
ClientSampleId :
TP-6

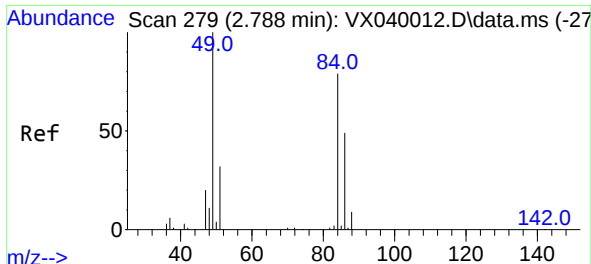
Tgt Ion: 43 Resp: 29835
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9



#18
Methyl Acetate
Concen: 0.907 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

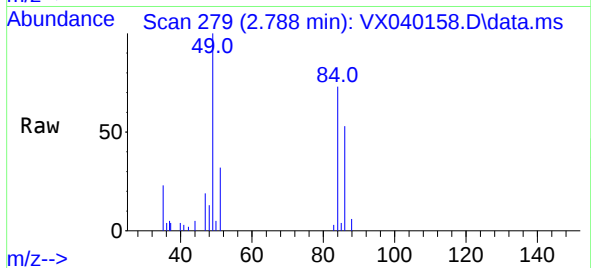
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
74 5.9 17.8 26.8#





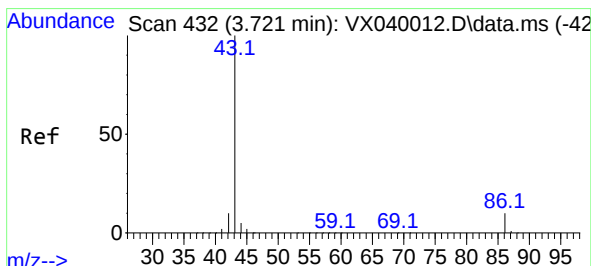
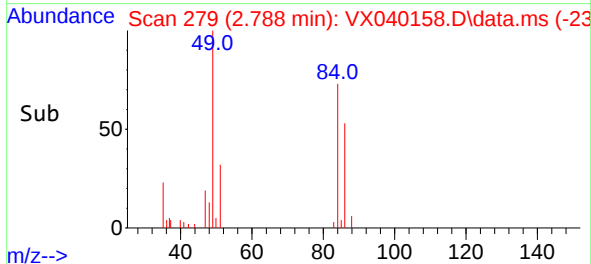
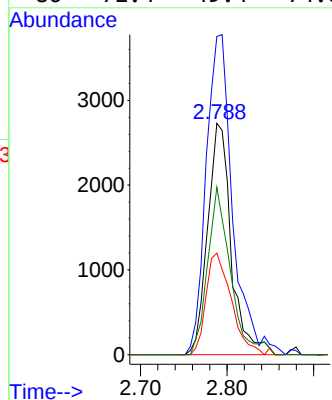
#20
Methylene Chloride
Concen: 7.714 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
TP-6



Tgt Ion: 84 Resp: 5159

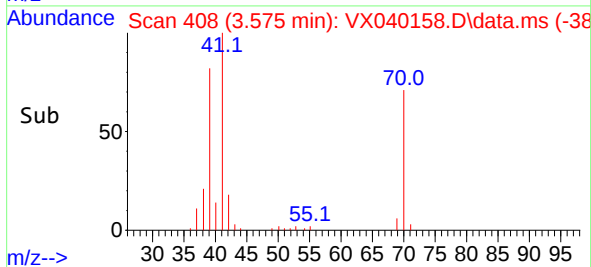
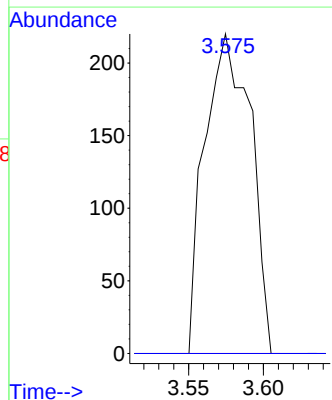
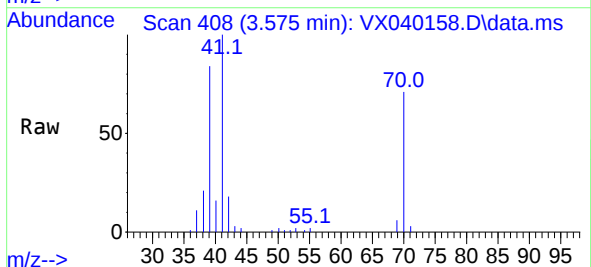
Ion	Ratio	Lower	Upper
84	100		
49	137.6	103.6	155.4
51	43.9	33.8	50.6
86	72.4	49.4	74.0

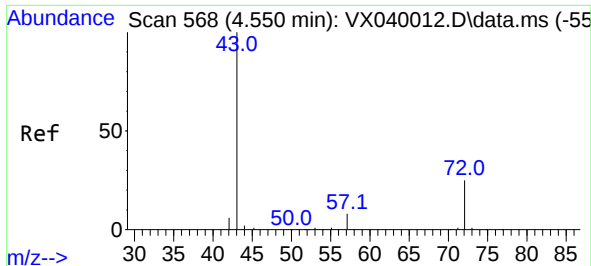


#23
Vinyl Acetate
Concen: 0.268 ug/l
RT: 3.575 min Scan# 408
Delta R.T. -0.146 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 43 Resp: 470

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8





#25

2-Butanone

Concen: 6.125 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

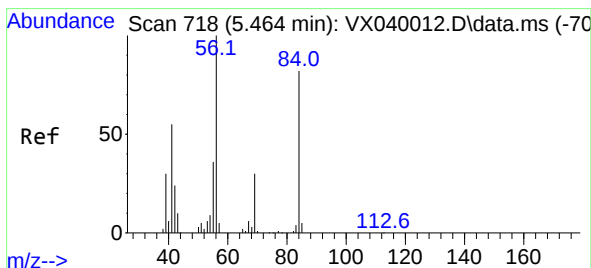
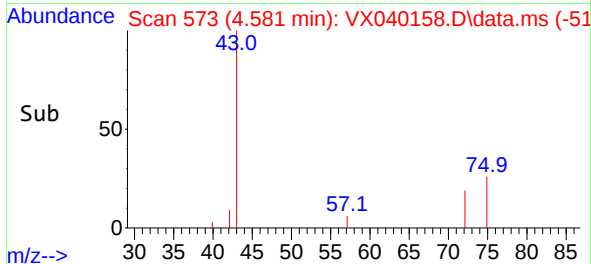
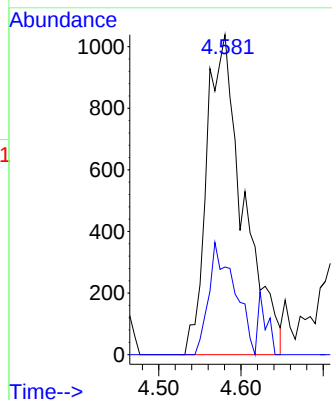
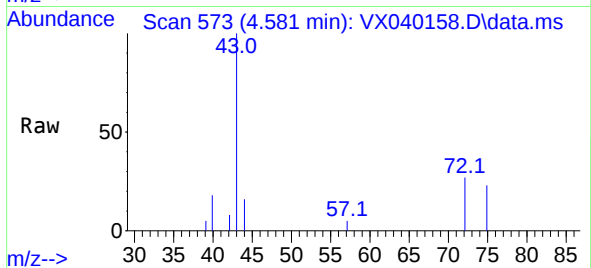
TP-6

Tgt Ion: 43 Resp: 3204

Ion Ratio Lower Upper

43 100

72 27.4 19.4 29.2



#31

Cyclohexane

Concen: 1.566 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

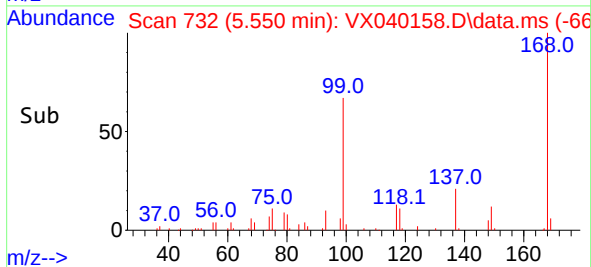
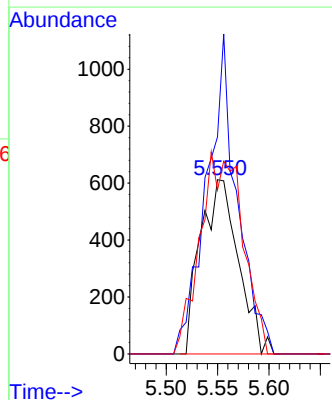
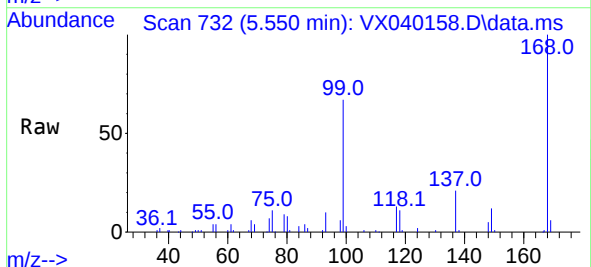
Tgt Ion: 56 Resp: 1576

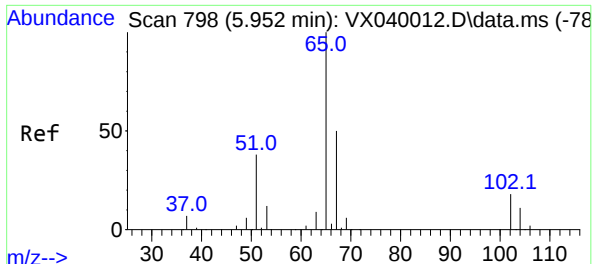
Ion Ratio Lower Upper

56 100

69 124.5 23.4 35.2#

84 94.1 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 56.588 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

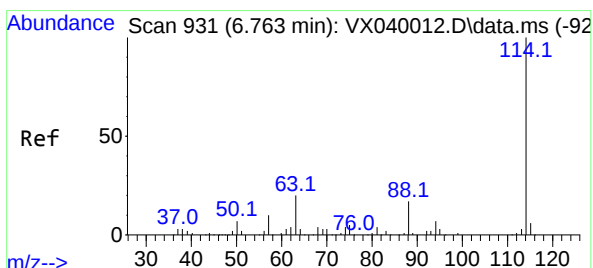
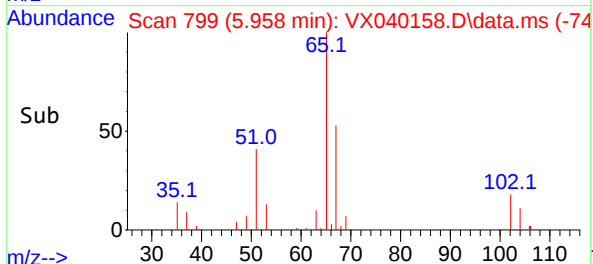
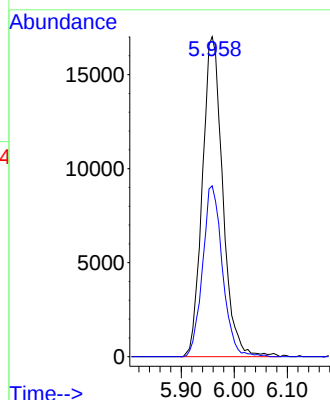
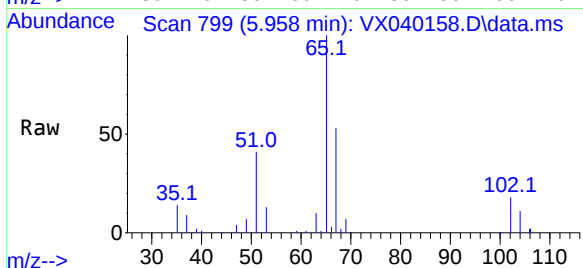
TP-6

Tgt Ion: 65 Resp: 45450

Ion Ratio Lower Upper

65 100

67 52.1 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: VX040158.D

Acq: 07 Feb 2024 17:37

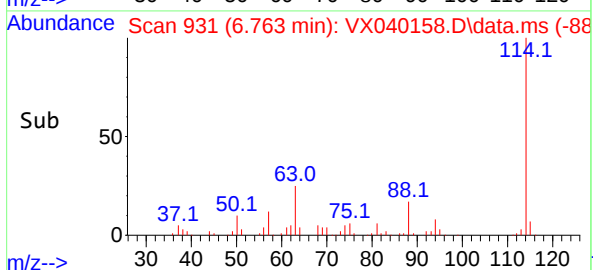
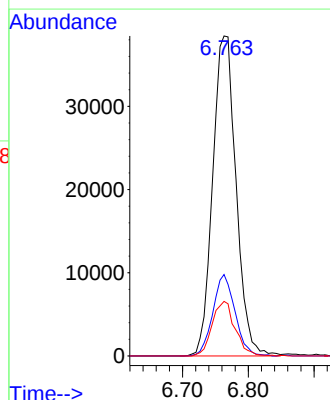
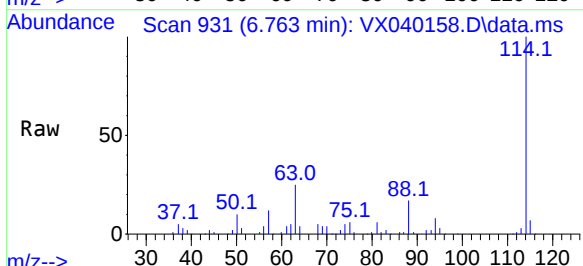
Tgt Ion: 114 Resp: 95284

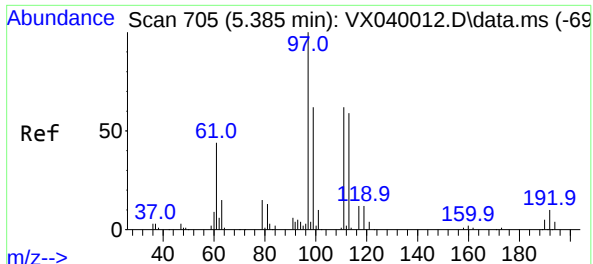
Ion Ratio Lower Upper

114 100

63 25.5 0.0 45.0

88 17.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.405 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

TP-6

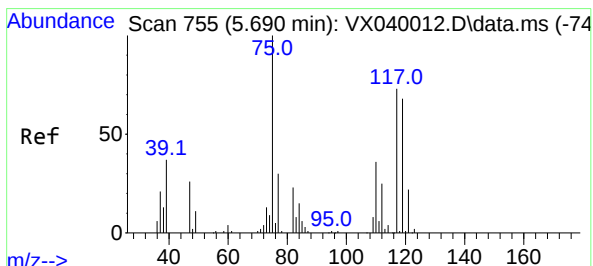
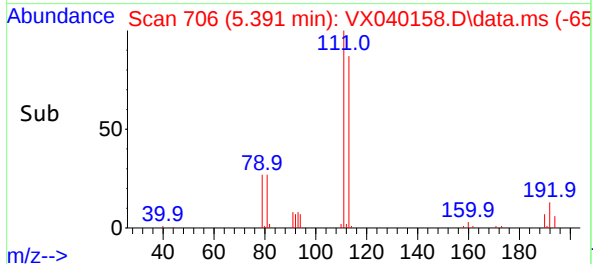
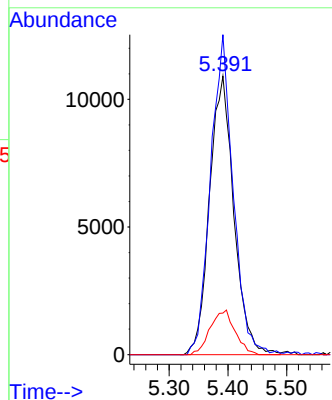
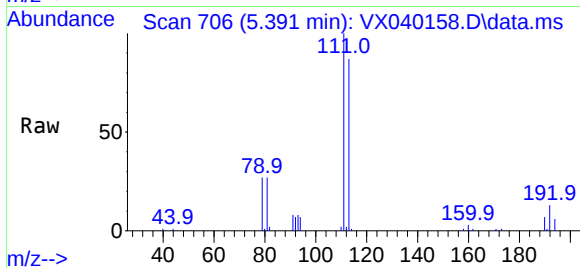
Tgt Ion:113 Resp: 31397

Ion Ratio Lower Upper

113 100

111 106.7 82.9 124.3

192 16.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.690 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

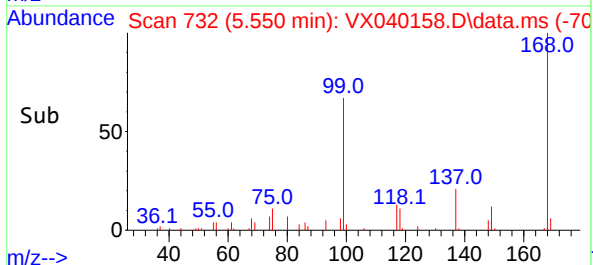
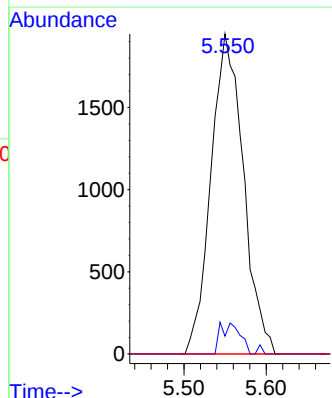
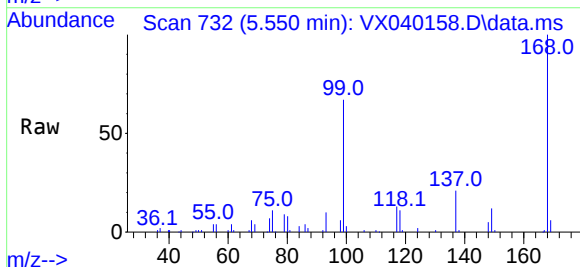
Tgt Ion: 75 Resp: 5338

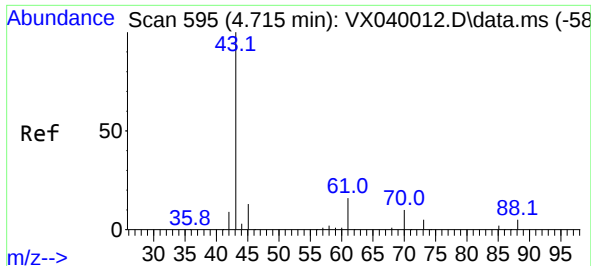
Ion Ratio Lower Upper

75 100

110 5.9 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.544 ug/l

RT: 4.733 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

Instrument :

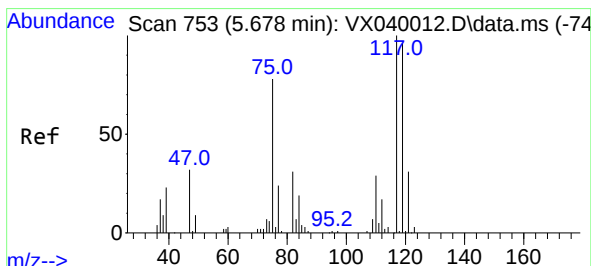
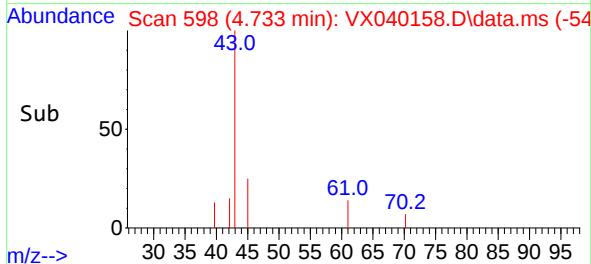
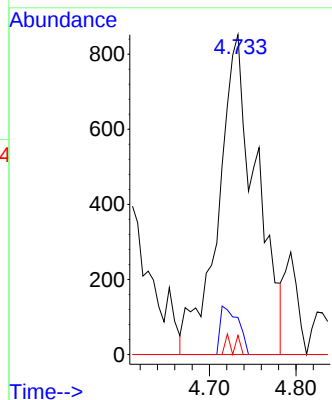
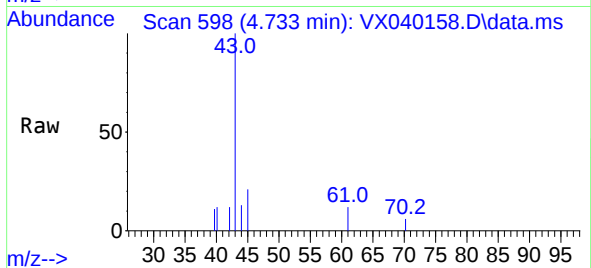
MSVOA_X

ClientSampleId :

TP-6

Tgt Ion: 43 Resp: 2606

Ion	Ratio	Lower	Upper
43	100		
61	7.1	10.6	16.0#
70	1.5	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 5.550 min Scan# 732

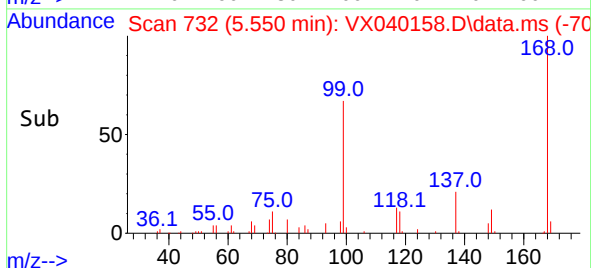
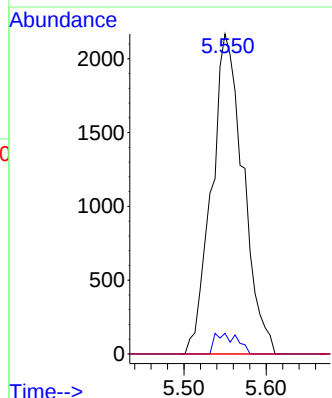
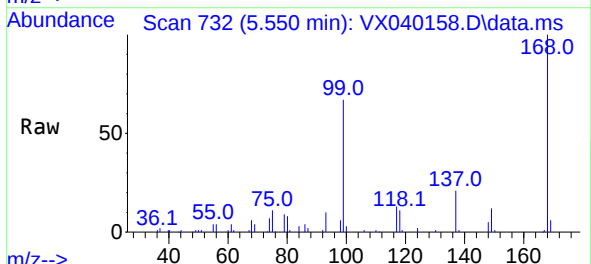
Delta R.T. -0.128 min

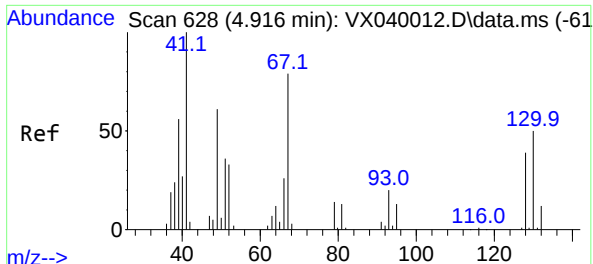
Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

Tgt Ion: 117 Resp: 5796

Ion	Ratio	Lower	Upper
117	100		
119	6.5	78.2	117.2#
121	0.0	24.4	36.6#



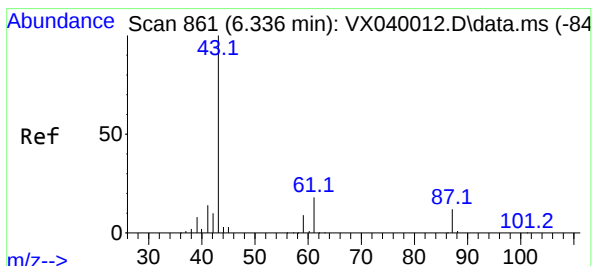
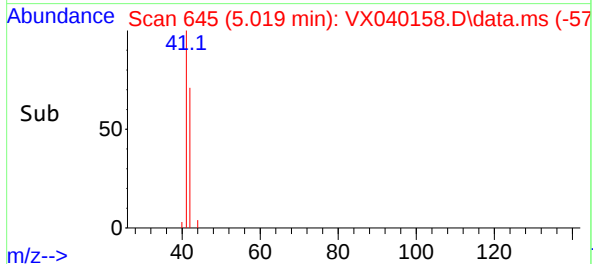
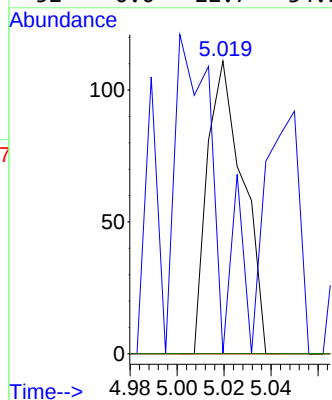
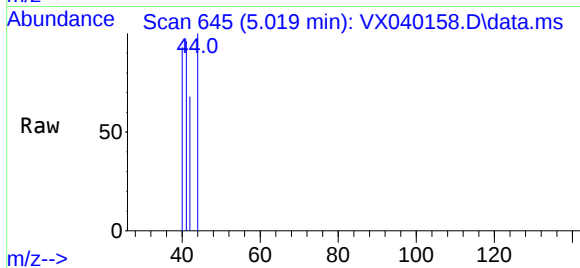


#41
Methacrylonitrile
Concen: 0.225 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.104 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
TP-6

Tgt Ion: 41 Resp: 117

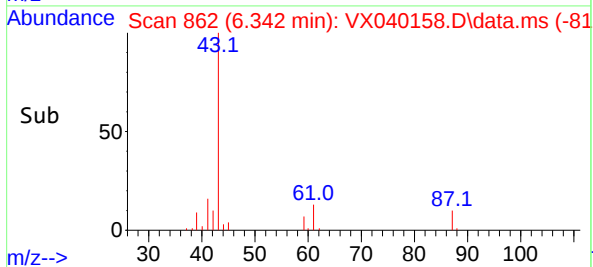
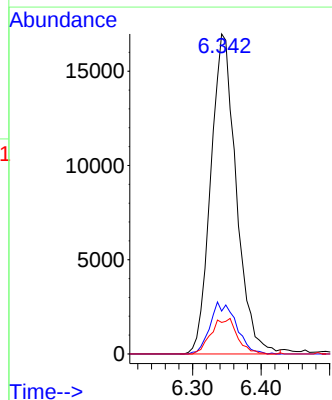
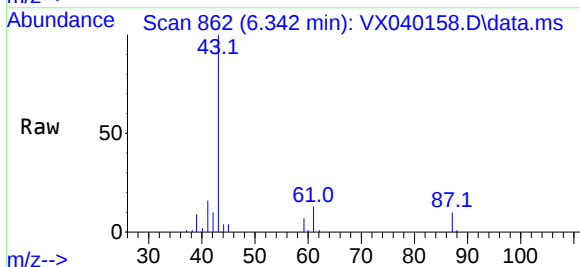
Ion	Ratio	Lower	Upper
41	100		
39	156.4	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#

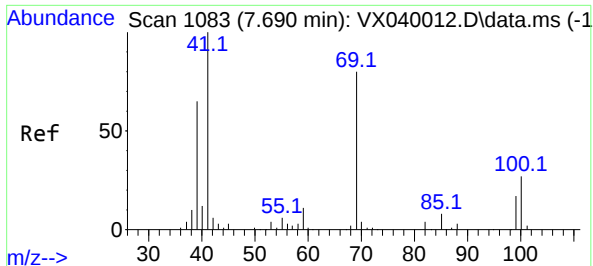


#43
Isopropyl Acetate
Concen: 27.153 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 43 Resp: 43869

Ion	Ratio	Lower	Upper
43	100		
61	16.6	15.2	22.8
87	11.4	9.8	14.6

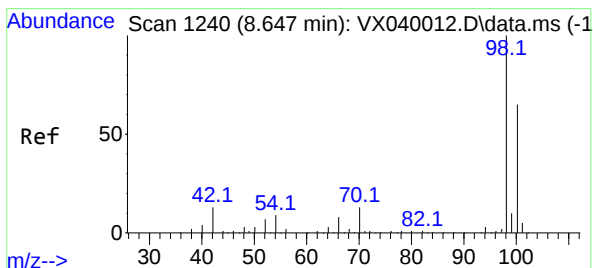
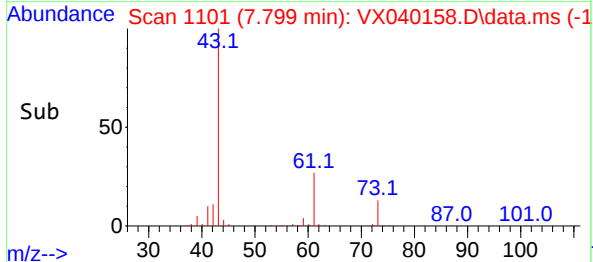
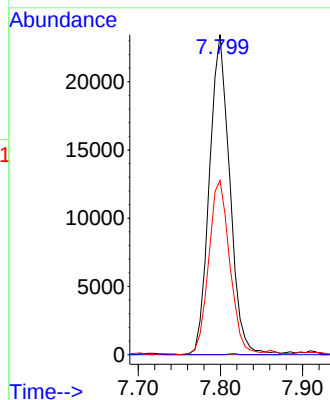
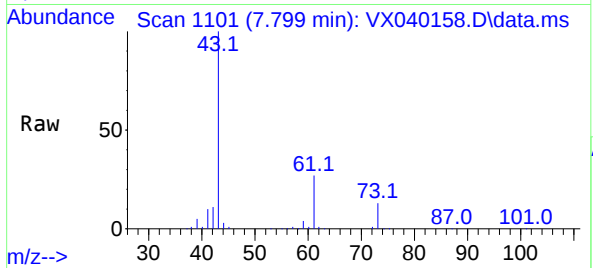




#48
Methyl methacrylate
Concen: 50.673 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

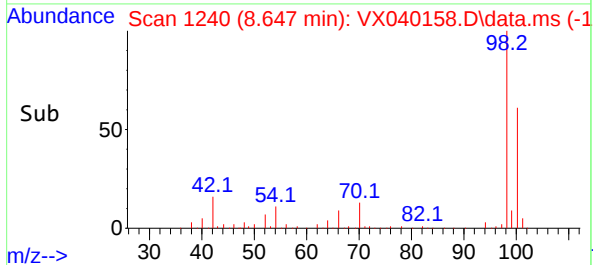
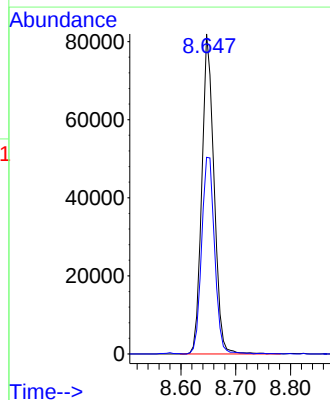
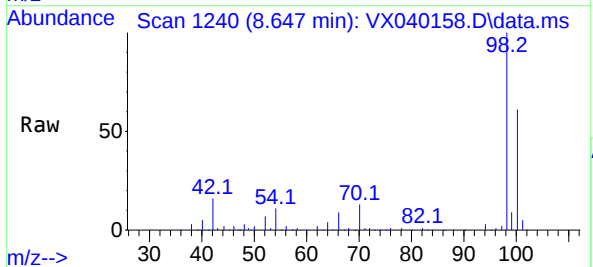
Instrument :
MSVOA_X
ClientSampleId :
TP-6

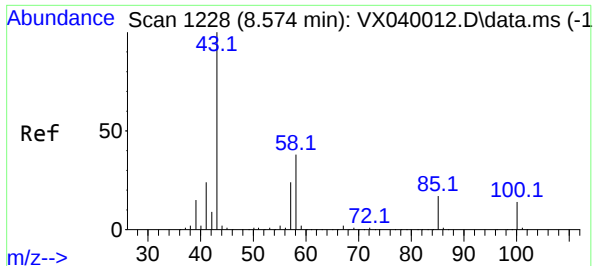
Tgt Ion: 41 Resp: 40328
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 56.4 47.7 71.5



#50
Toluene-d8
Concen: 52.135 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 98 Resp: 126463
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 29.004 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

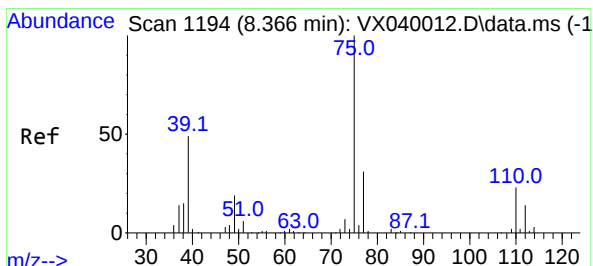
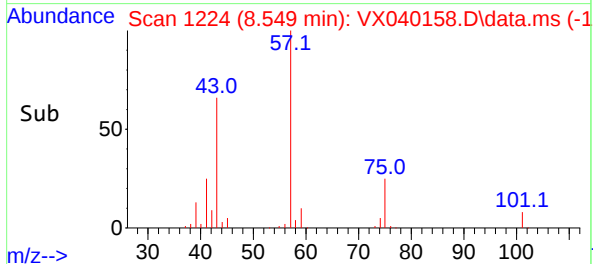
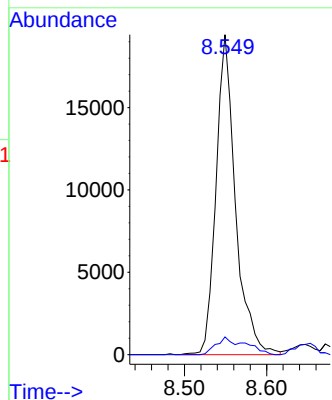
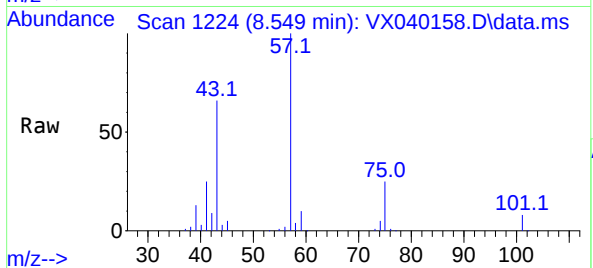
TP-6

Tgt Ion: 43 Resp: 31987

Ion Ratio Lower Upper

43 100

58 8.3 30.4 45.6#



#54

cis-1,3-Dichloropropene

Concen: 10.587 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX040158.D

Acq: 07 Feb 2024 17:37

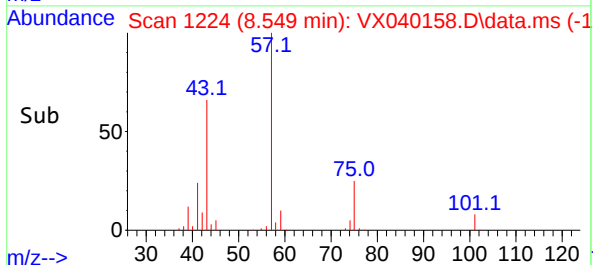
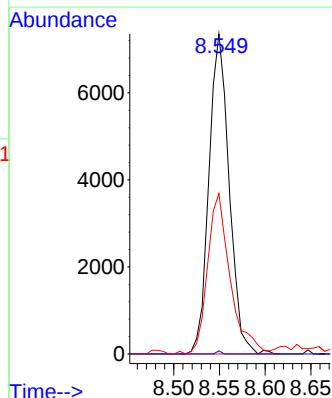
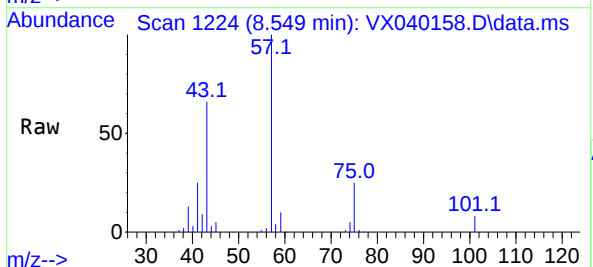
Tgt Ion: 75 Resp: 11299

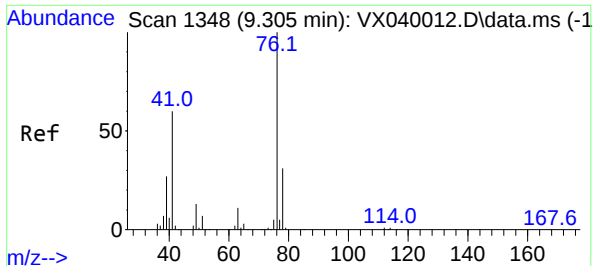
Ion Ratio Lower Upper

75 100

77 0.9 25.3 37.9#

39 49.3 46.7 70.1

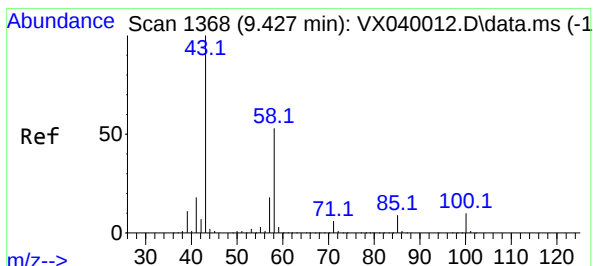
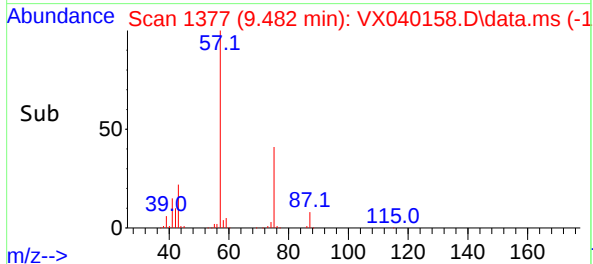
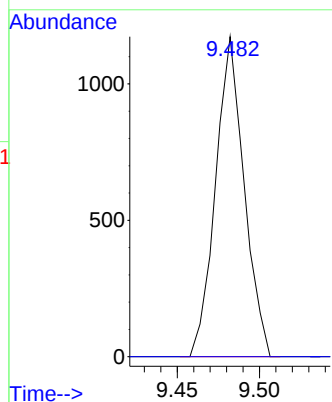
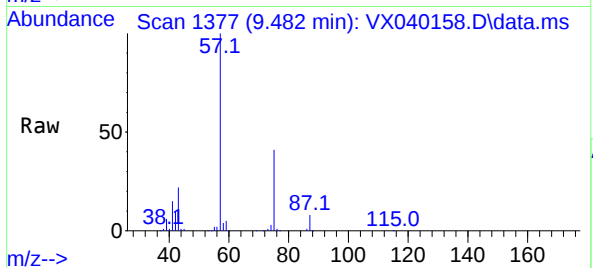




#57
1,3-Dichloropropane
Concen: 1.220 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

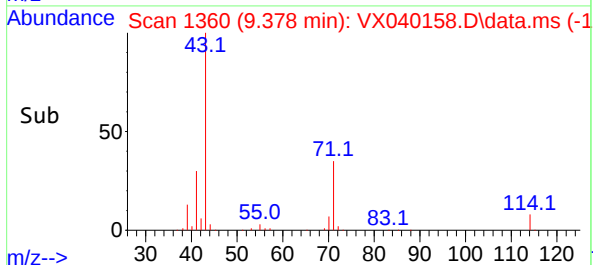
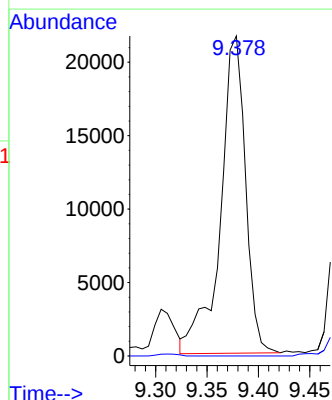
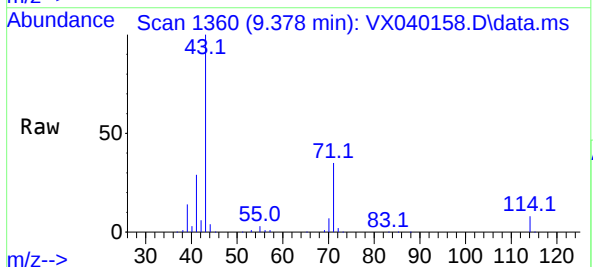
Instrument :
MSVOA_X
ClientSampleId :
TP-6

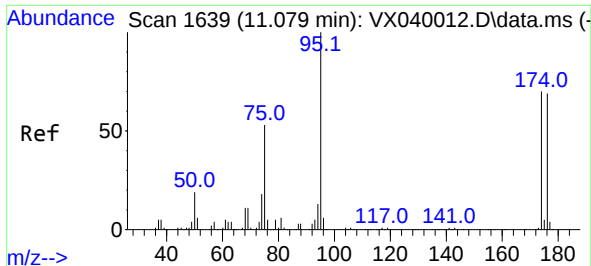
Tgt Ion: 76 Resp: 1417
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 41.749 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 43 Resp: 36711
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

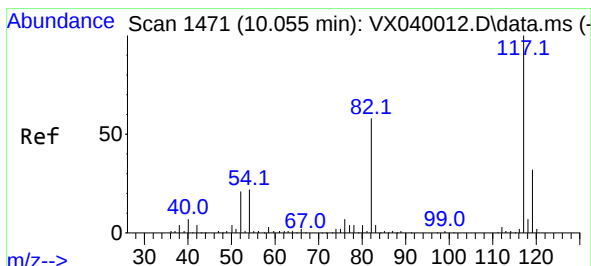
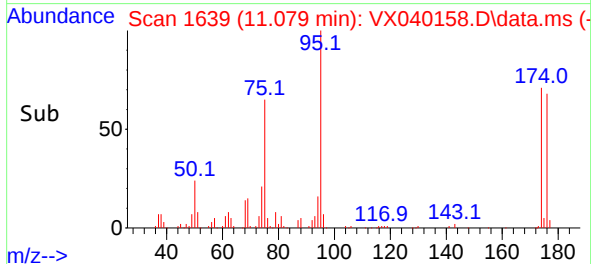
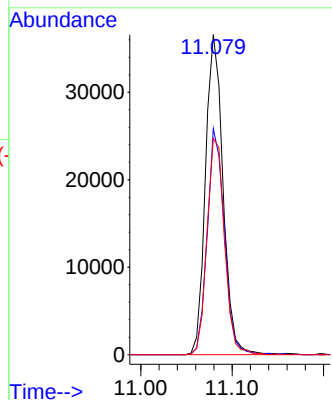
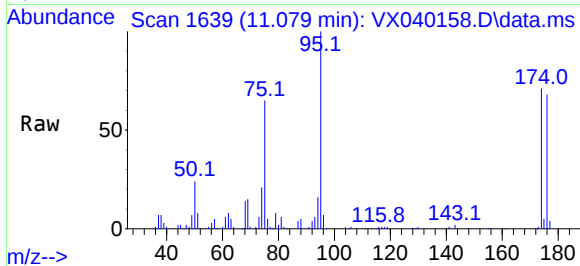




#62
4-Bromofluorobenzene
Concen: 52.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

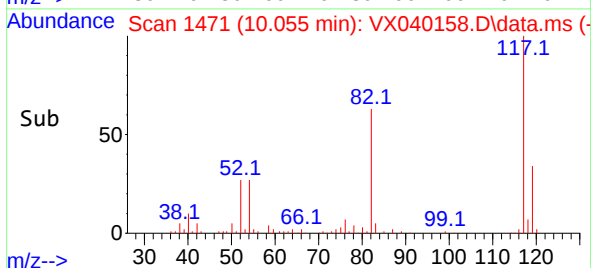
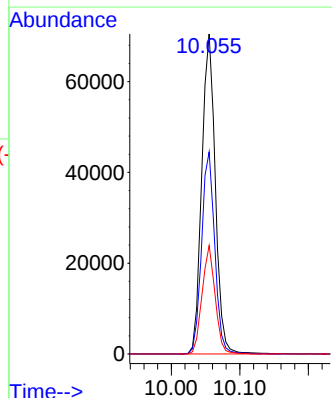
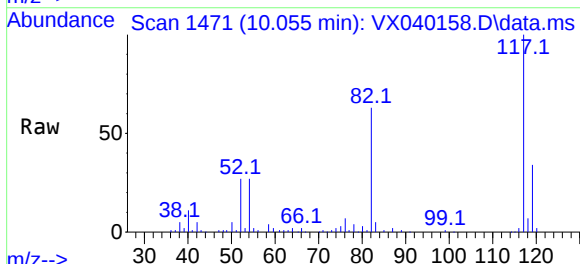
Instrument :
MSVOA_X
ClientSampleId :
TP-6

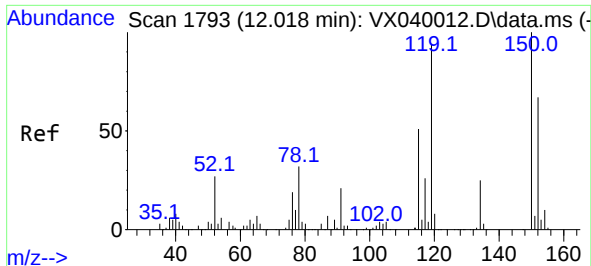
Tgt Ion: 95 Resp: 48678
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 67.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 117 Resp: 97316
Ion Ratio Lower Upper
117 100
82 63.2 46.2 69.4
119 33.9 25.5 38.3

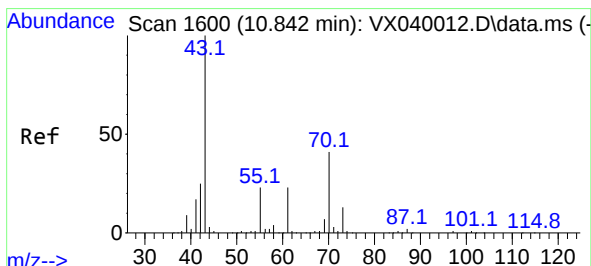
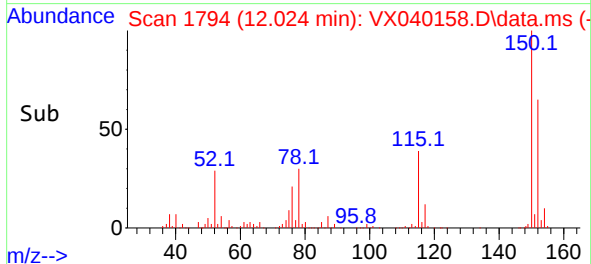
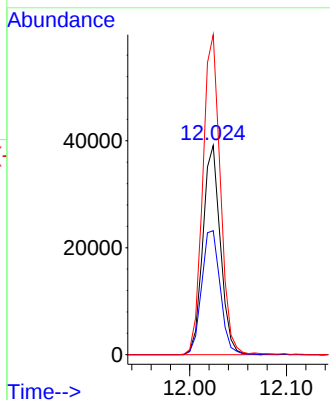
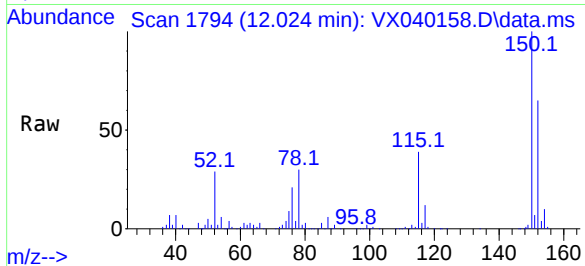




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

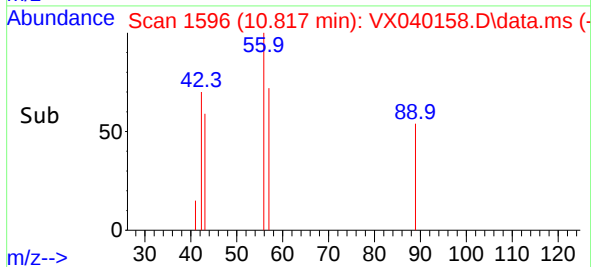
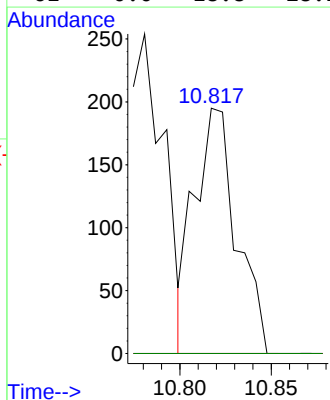
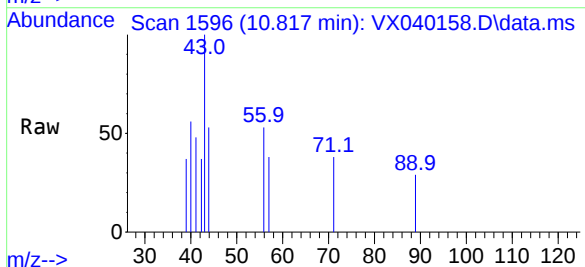
Instrument :
MSVOA_X
ClientSampleId :
TP-6

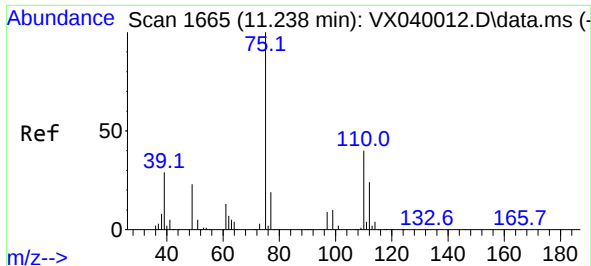
Tgt Ion:152 Resp: 49365
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 153.7 0.0 345.0



#74
N-ethyl acetate
Concen: 0.393 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.025 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#

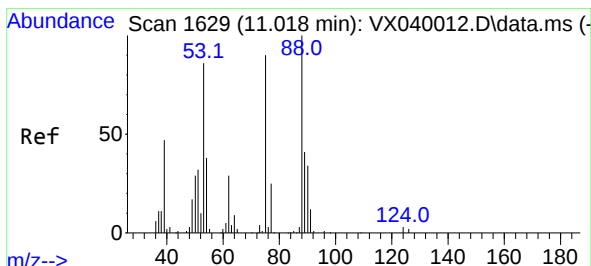
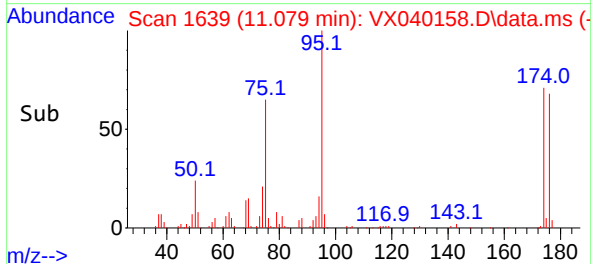
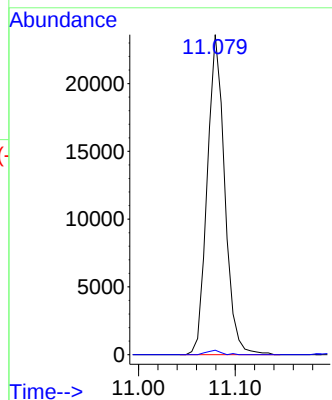
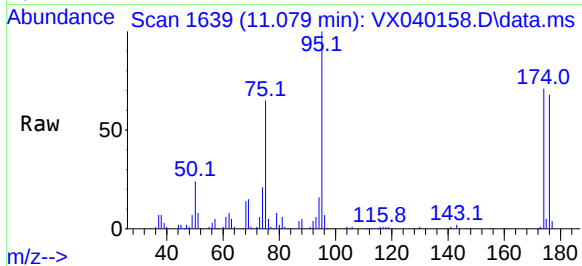




#76
1,2,3-Trichloropropane
Concen: 28.290 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
TP-6

Tgt Ion: 75 Resp: 29740
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040158.D
Acq: 07 Feb 2024 17:37

Tgt Ion: 75 Resp: 29740
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

