

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041264.D
 Acq On : 26 Apr 2024 17:13
 Operator : JC/MD
 Sample : P2271-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:21:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

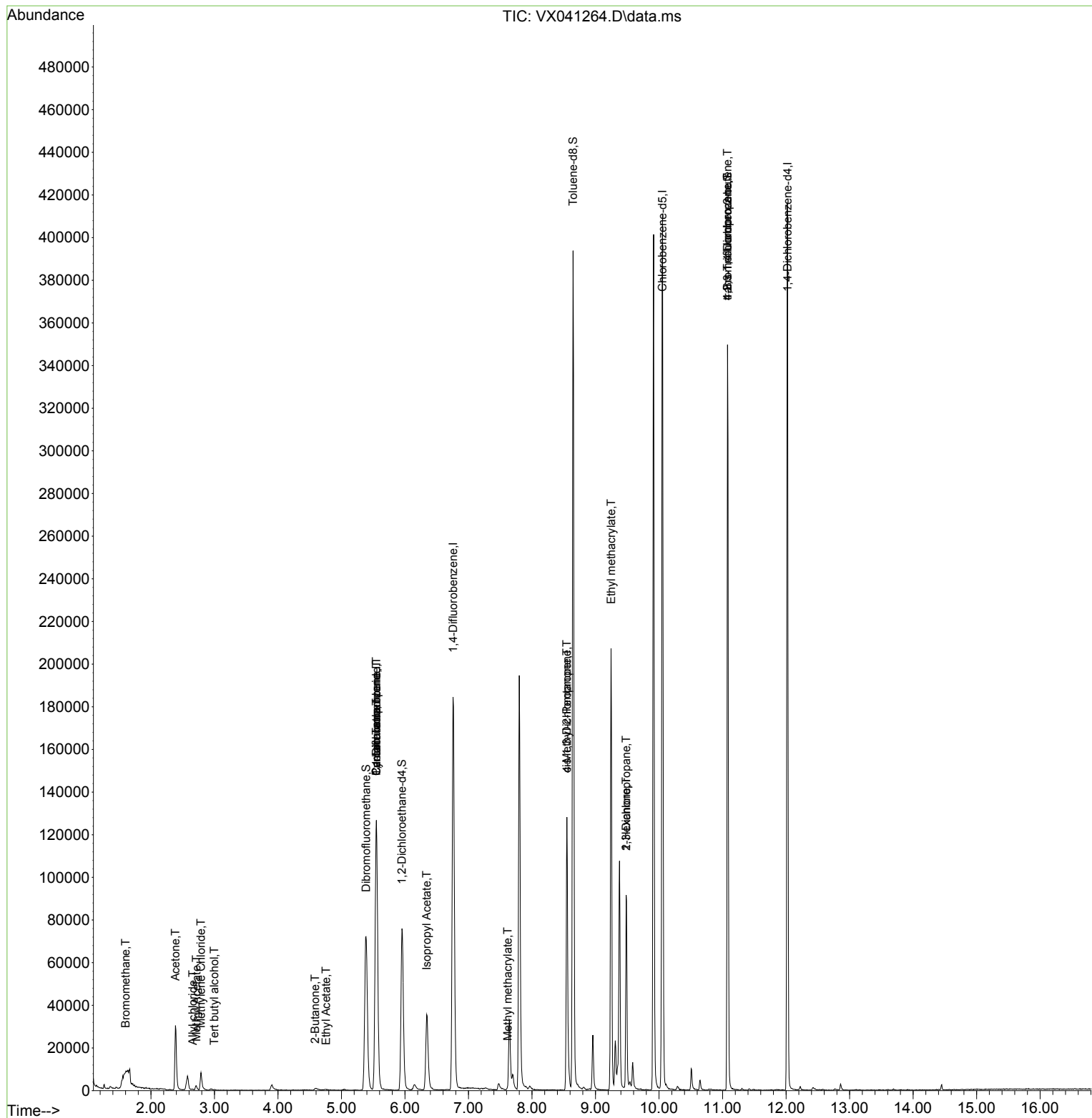
Internal Standards						
1) Pentafluorobenzene	5.550	168	135421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	197284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74056	57.448	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.900%
35) Dibromofluoromethane	5.385	113	62861	52.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.760%
50) Toluene-d8	8.647	98	229012	56.562	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.120%#
62) 4-Bromofluorobenzene	11.079	95	84114	56.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.580%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	510	0.781	ug/l	87
11) Tert butyl alcohol	2.995	59	345	1.494	ug/l	# 78
14) Allyl chloride	2.660	41	322	0.201	ug/l	# 24
16) Acetone	2.386	43	35047	74.690	ug/l	93
18) Methyl Acetate	2.715	43	2794	2.013	ug/l	94
20) Methylene Chloride	2.788	84	4065	3.547	ug/l	95
25) 2-Butanone	4.586	43	2296	2.865	ug/l	98
31) Cyclohexane	5.550	56	2413	1.391	ug/l	# 7
36) 1,1-Dichloropropene	5.550	75	8409	5.476	ug/l	# 52
37) Ethyl Acetate	4.757	43	662	0.393	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	11620	6.775	ug/l	# 16
43) Isopropyl Acetate	6.342	43	49664	18.301	ug/l	98
48) Methyl methacrylate	7.616	41	1141	0.889	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.549	43	47342	27.870	ug/l	# 46
54) cis-1,3-Dichloropropene	8.549	75	20453	11.737	ug/l	# 61
56) Ethyl methacrylate	9.244	69	635	0.356	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	879	0.455	ug/l	# 42
59) 2-Hexanone	9.482	43	11336	8.703	ug/l	# 56
76) 1,2,3-Trichloropropane	11.079	75	43152	28.596	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	43152	80.678	ug/l	# 5

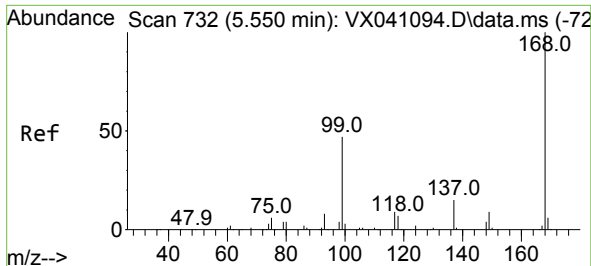
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
Data File : VX041264.D
Acq On : 26 Apr 2024 17:13
Operator : JC/MD
Sample : P2271-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

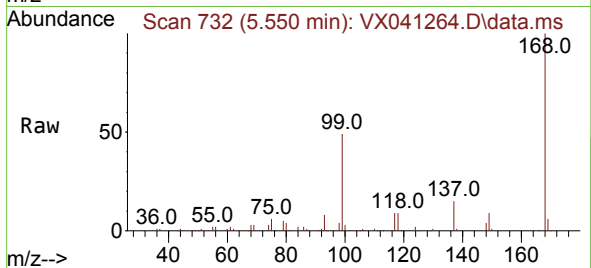
Quant Time: Apr 27 02:21:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



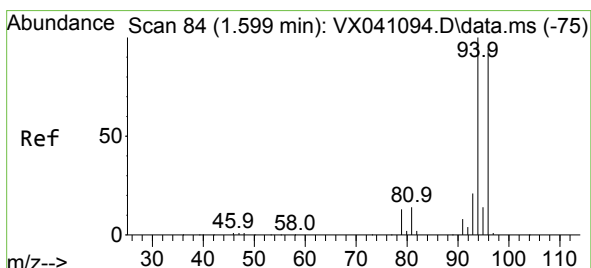
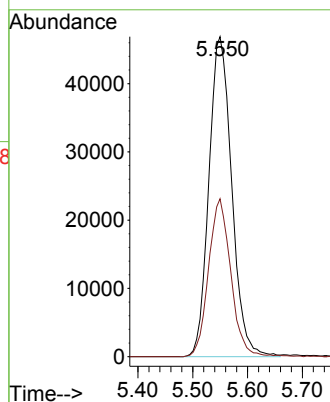
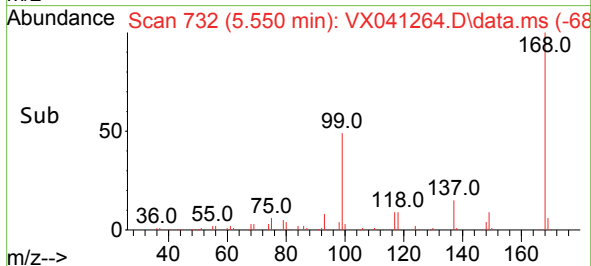


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :

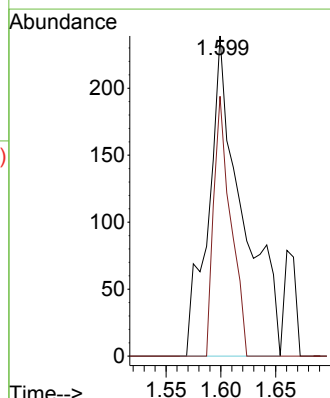
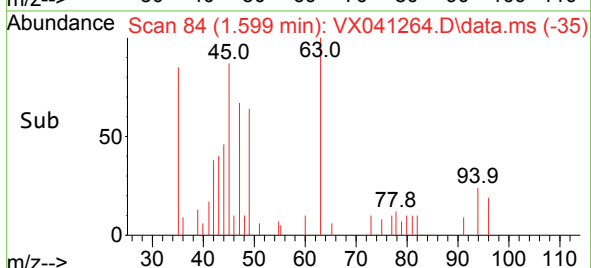
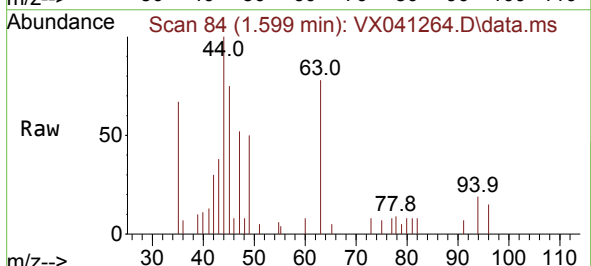


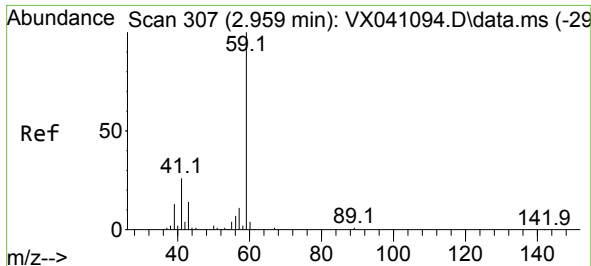
Tgt Ion:168 Resp: 135421
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#



#5
Bromomethane
Concen: 0.781 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 81.2 74.6 111.8

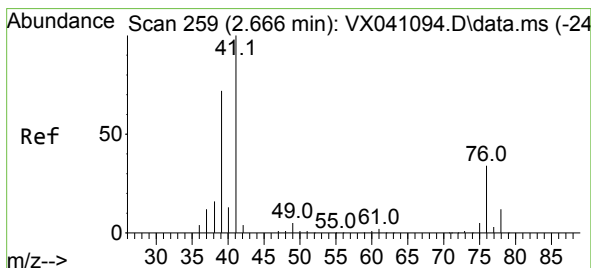
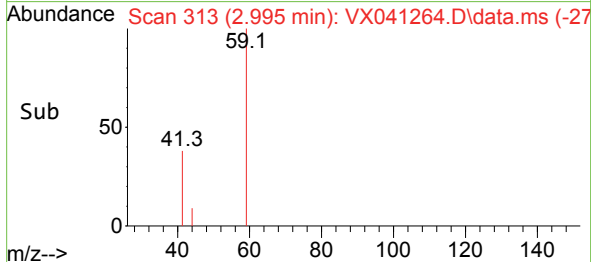
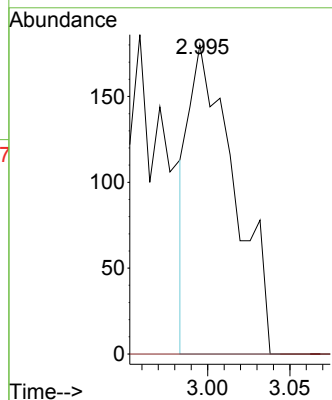
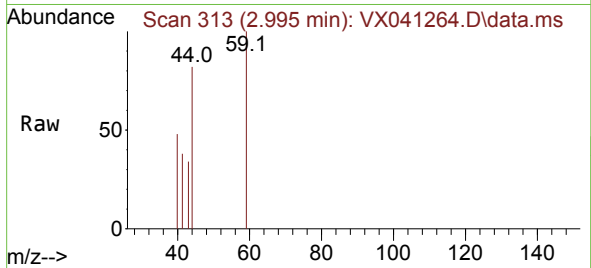




#11
Tert butyl alcohol
Concen: 1.494 ug/l
RT: 2.995 min Scan# 311
Delta R.T. -0.067 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

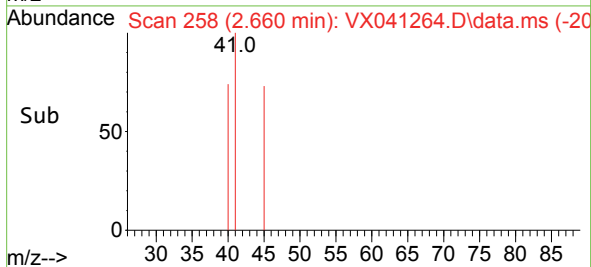
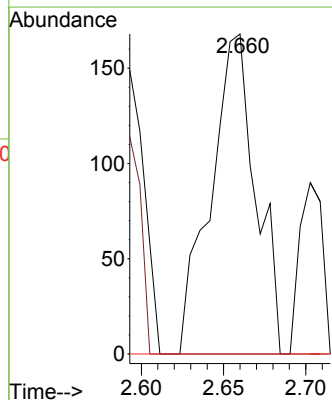
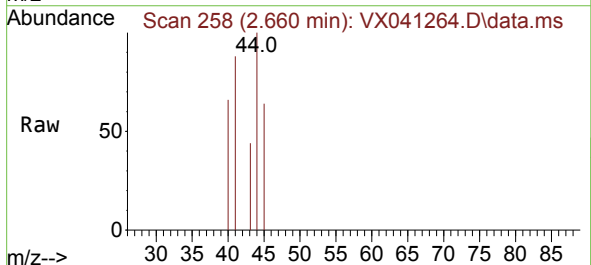
Instrument :
MSVOA_X
ClientSampleId :

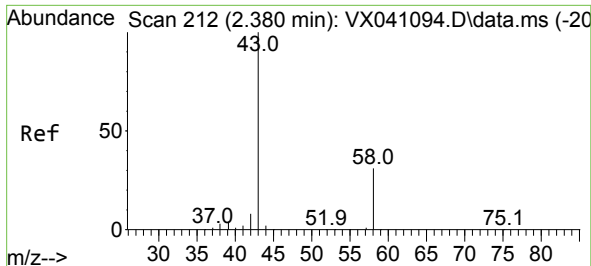
Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#14
Allyl chloride
Concen: 0.201 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Tgt Ion: 41 Resp: 322
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
76 0.0 24.3 36.5#

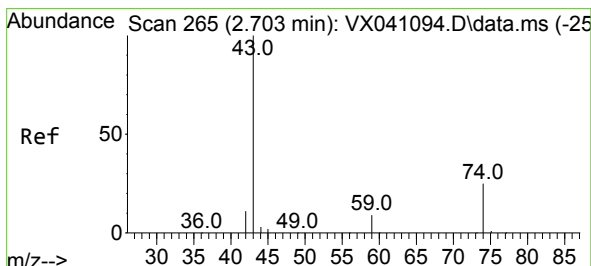
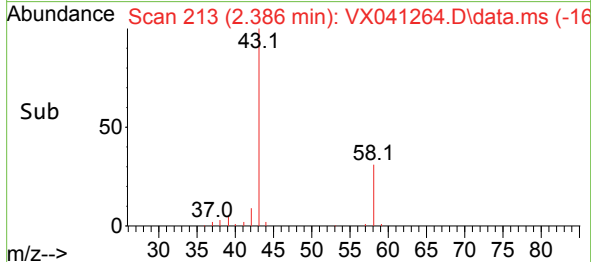
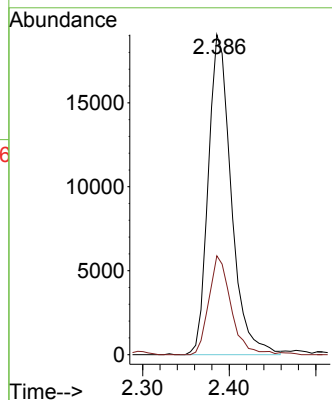
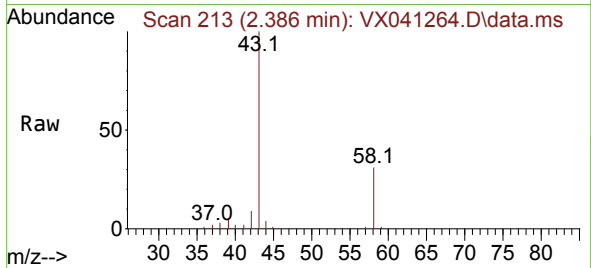




#16
Acetone
Concen: 74.690 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

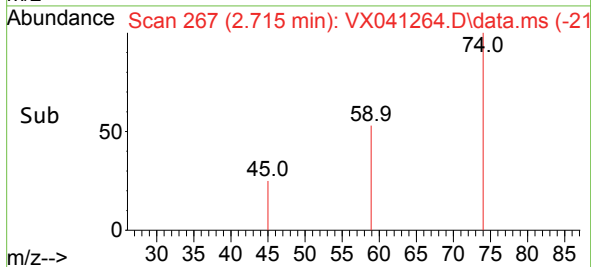
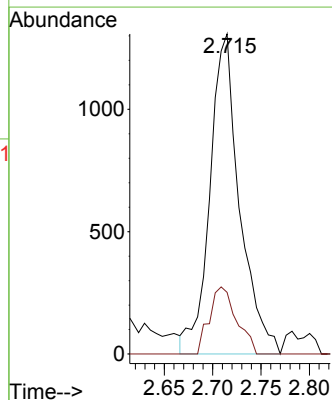
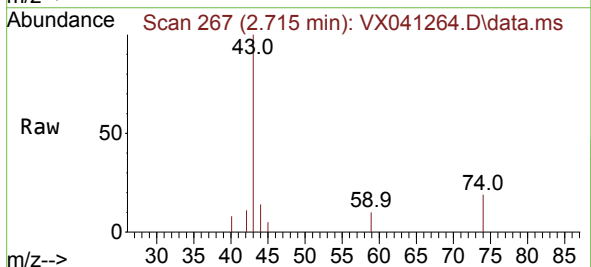
Instrument :
MSVOA_X
ClientSampleId :

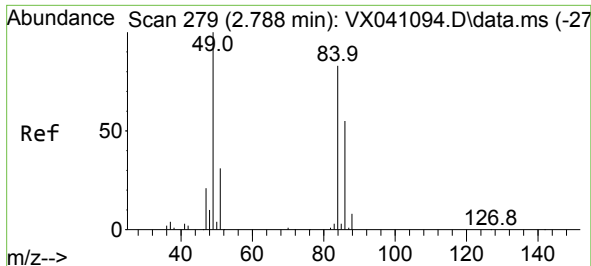
Tgt Ion: 43 Resp: 35047
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



#18
Methyl Acetate
Concen: 2.013 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

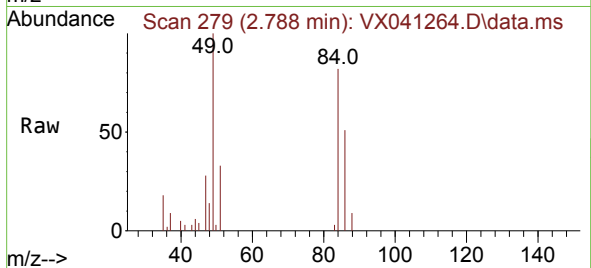
Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
74 19.2 17.8 26.8



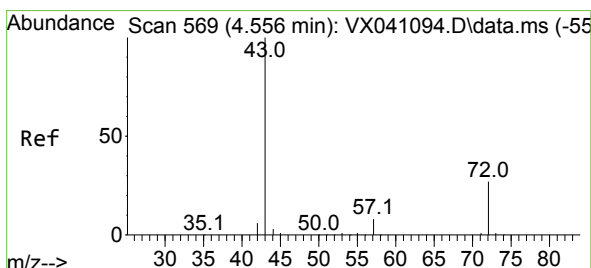
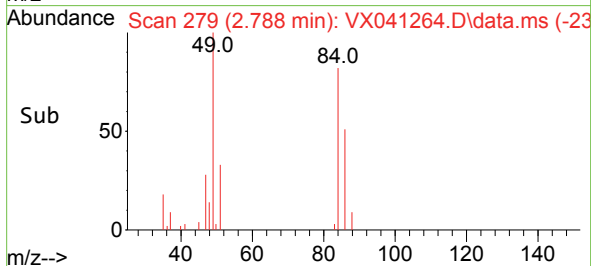
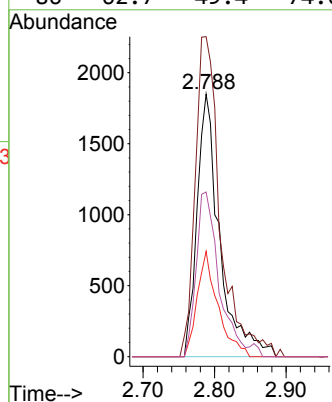


#20
Methylene Chloride
Concen: 3.547 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :

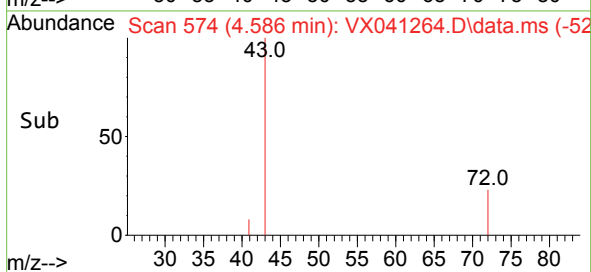
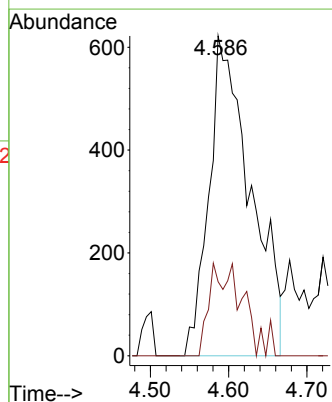
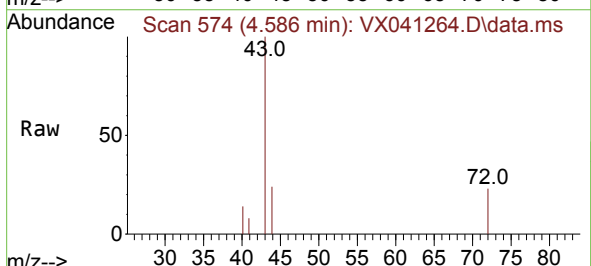


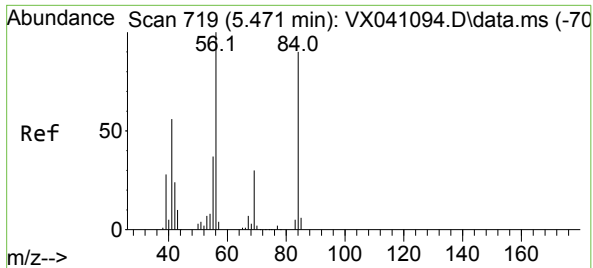
Tgt Ion:	84	Resp:	4065
Ion	Ratio	Lower	Upper
84	100		
49	121.9	103.6	155.4
51	40.1	33.8	50.6
86	62.7	49.4	74.0



#25
2-Butanone
Concen: 2.865 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

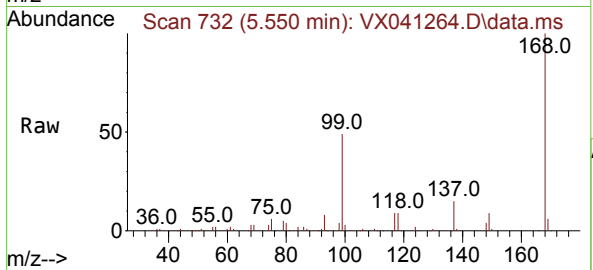
Tgt Ion:	43	Resp:	2296
Ion	Ratio	Lower	Upper
43	100		
72	23.2	19.4	29.2



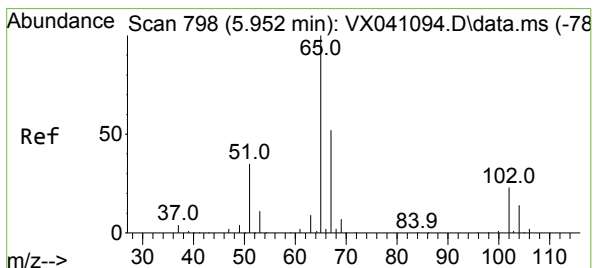
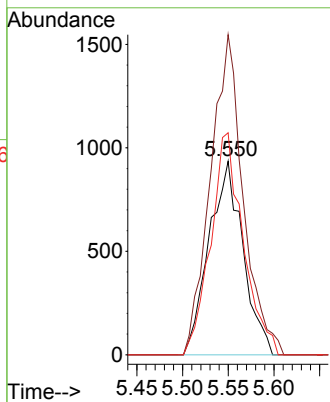
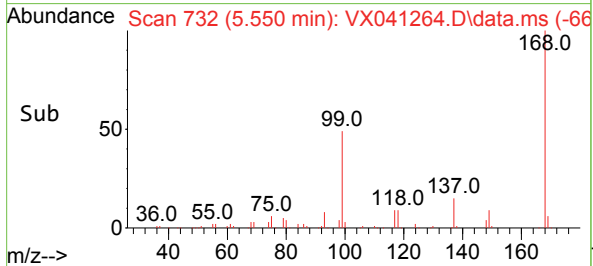


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :

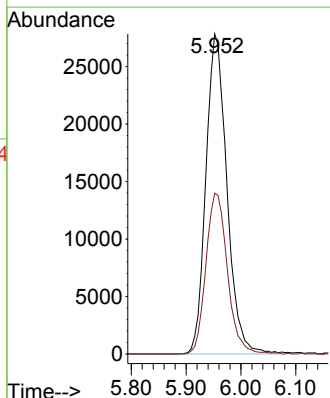
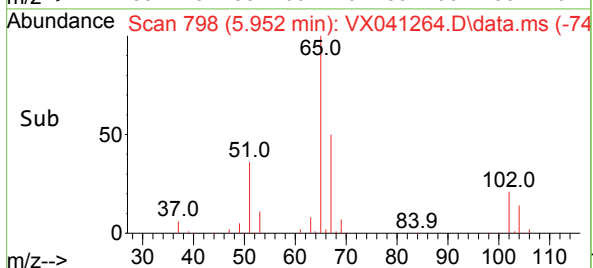
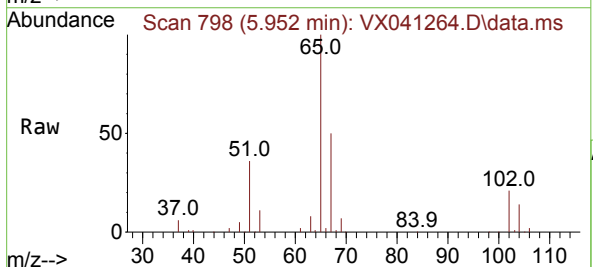


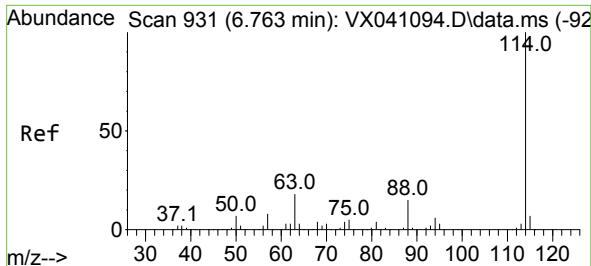
Tgt Ion: 56 Resp: 2413
Ion Ratio Lower Upper
56 100
69 165.5 23.4 35.2#
84 114.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 57.448 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Tgt Ion: 65 Resp: 74056
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

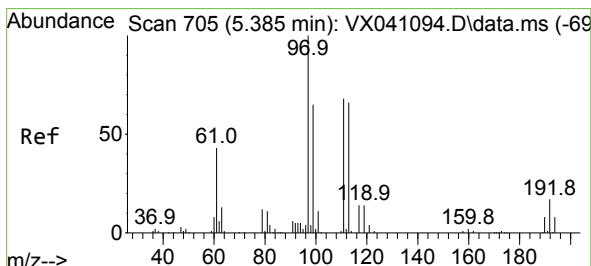
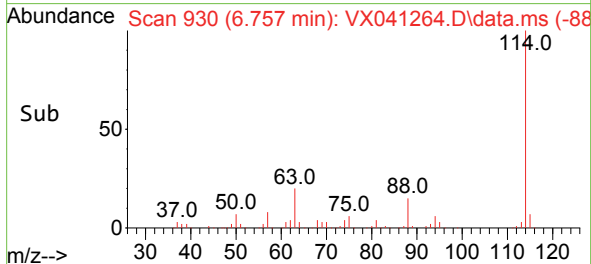
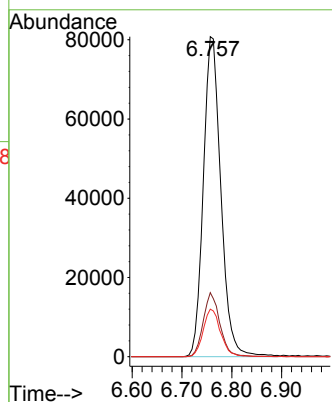
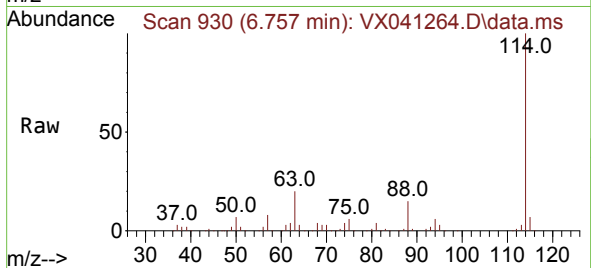




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

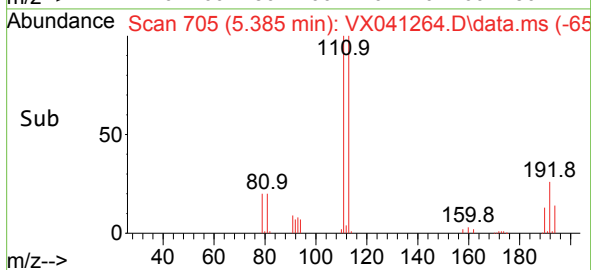
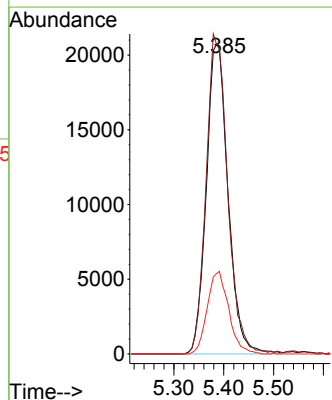
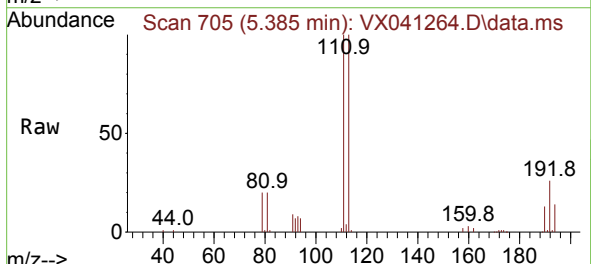
Instrument :
MSVOA_X
ClientSampleId :

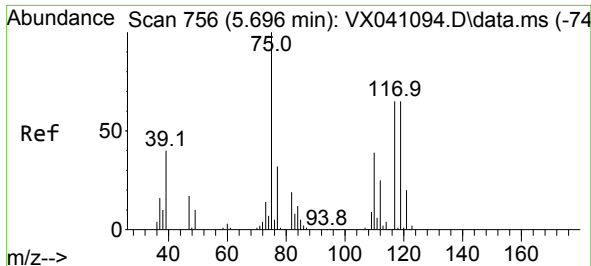
Tgt Ion:114 Resp: 197284
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.382 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

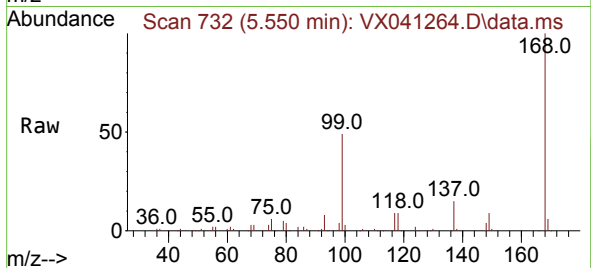
Tgt Ion:113 Resp: 62861
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 26.2 13.3 19.9#



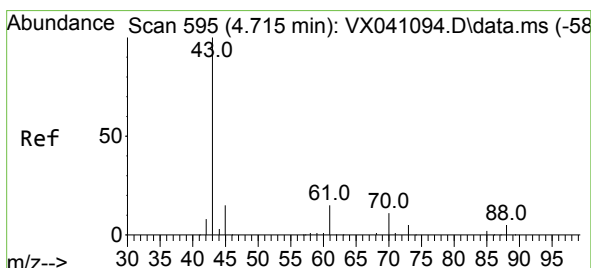
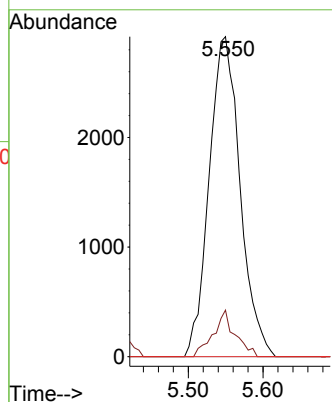
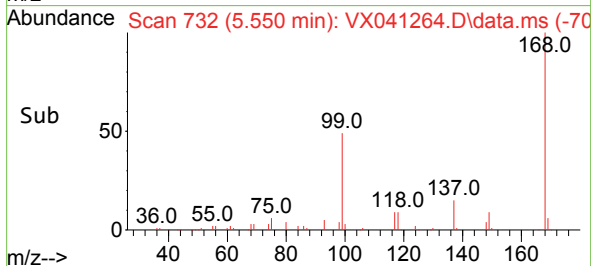


#36
1,1-Dichloropropene
Concen: 5.476 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :

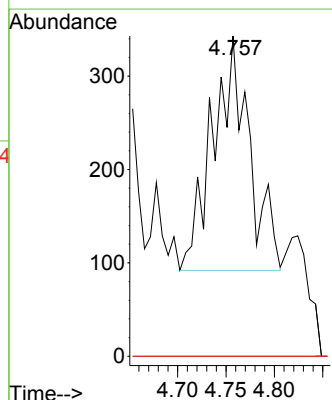
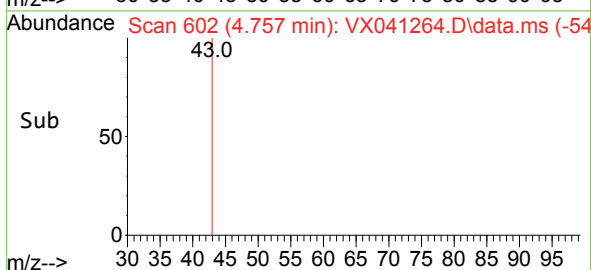
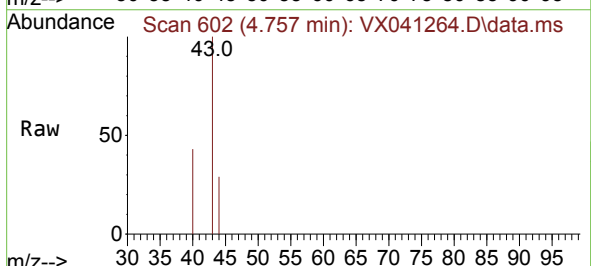


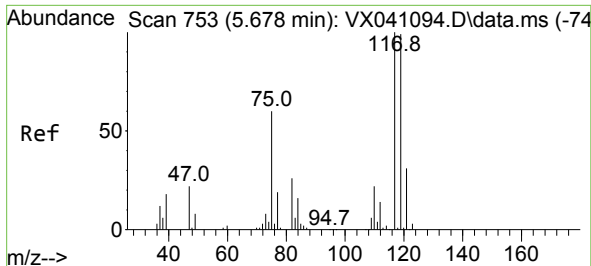
Tgt Ion: 75 Resp: 8409
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.393 ug/l
RT: 4.757 min Scan# 602
Delta R.T. 0.036 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

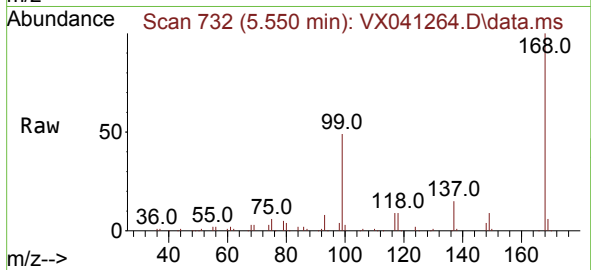
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



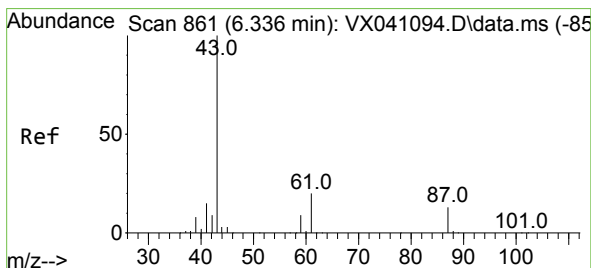
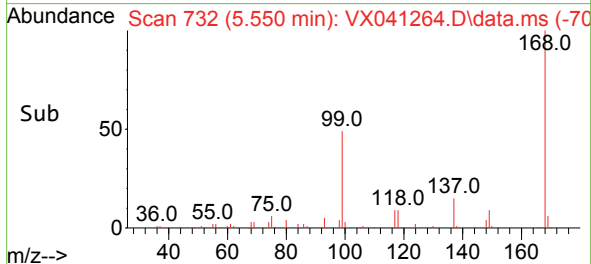
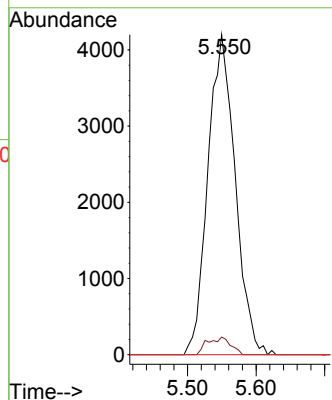


#38
Carbon Tetrachloride
Concen: 6.775 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :

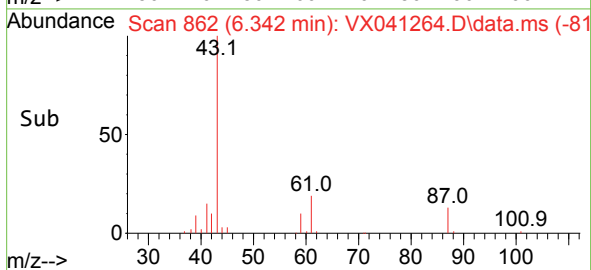
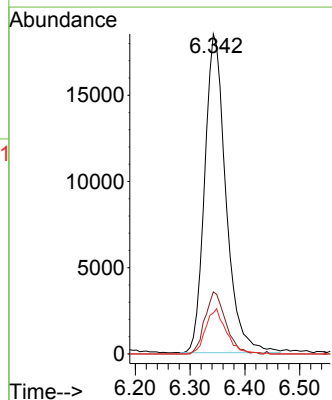
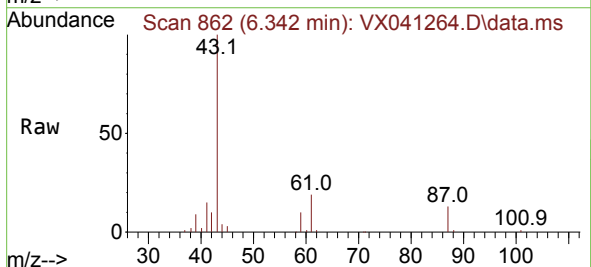


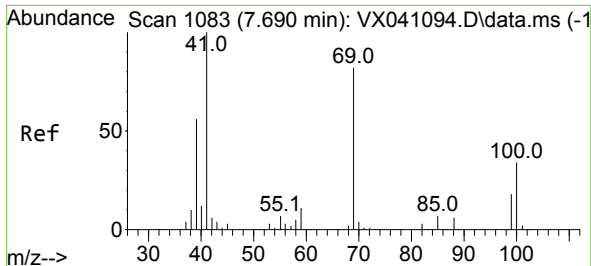
Tgt Ion:117 Resp: 11620
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 18.301 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Tgt Ion: 43 Resp: 49664
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 13.8 9.8 14.6





#48

Methyl methacrylate

Concen: 0.889 ug/l

RT: 7.616 min Scan# 1083

Delta R.T. -0.079 min

Lab File: VX041264.D

Acq: 26 Apr 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

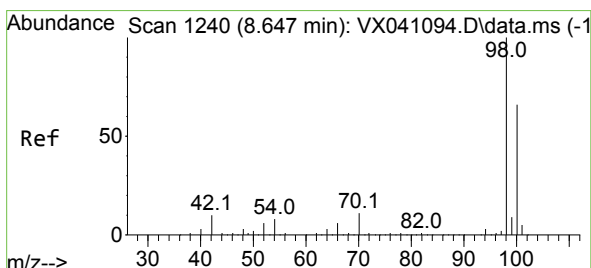
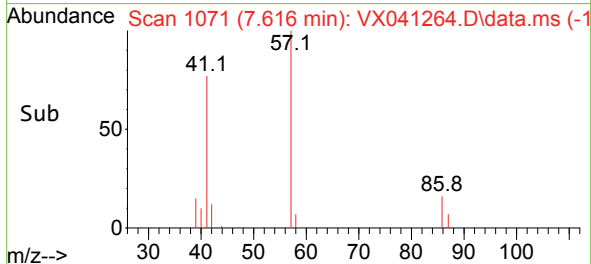
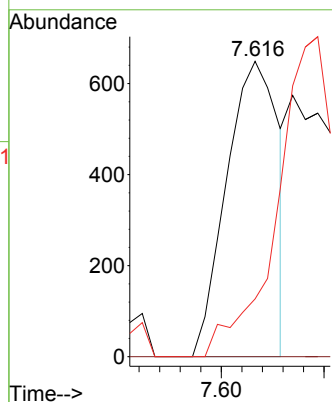
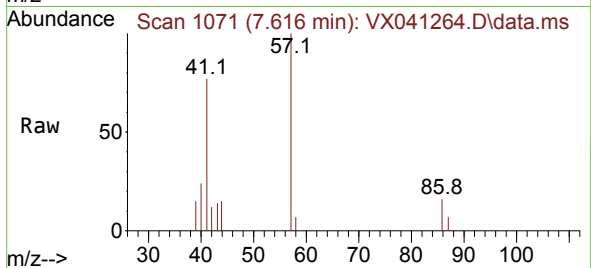
Tgt Ion: 41 Resp: 1141

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 56.562 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041264.D

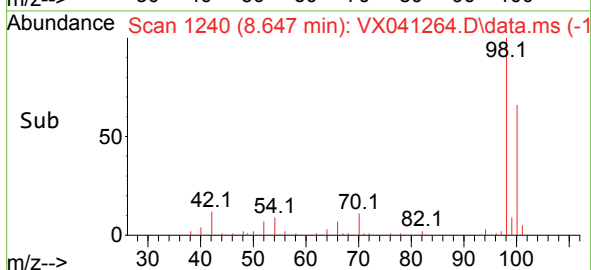
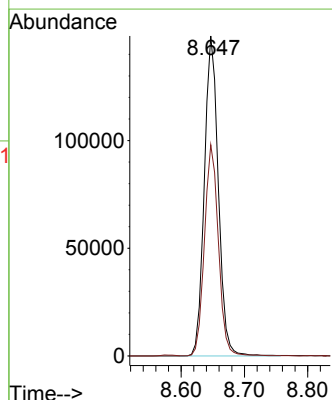
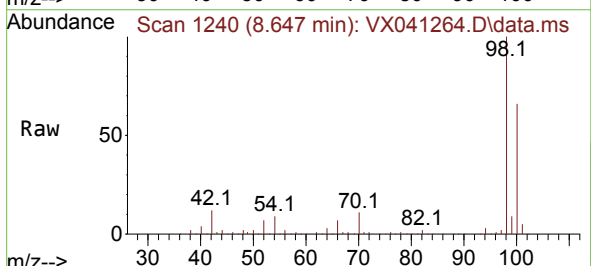
Acq: 26 Apr 2024 17:13

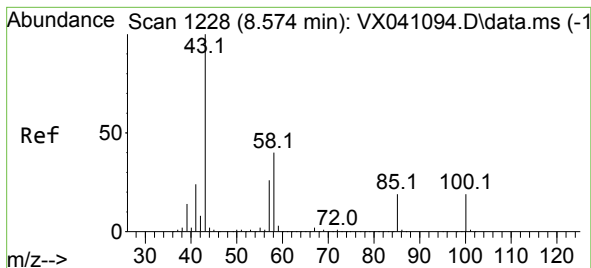
Tgt Ion: 98 Resp: 229012

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 27.870 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX041264.D

Acq: 26 Apr 2024 17:13

Instrument :

MSVOA_X

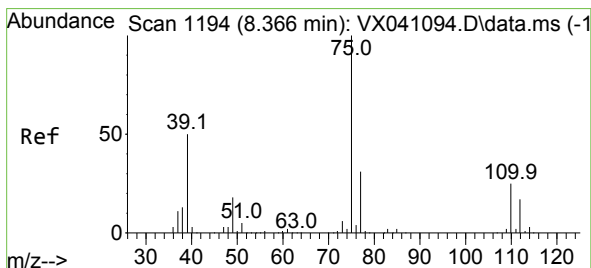
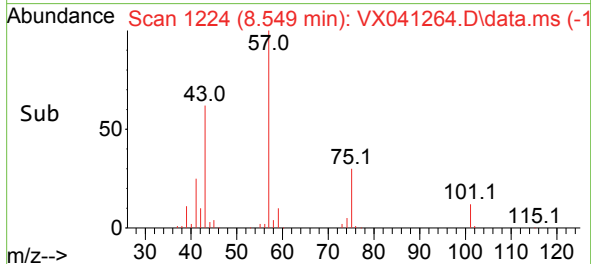
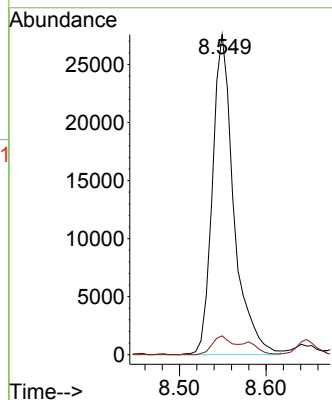
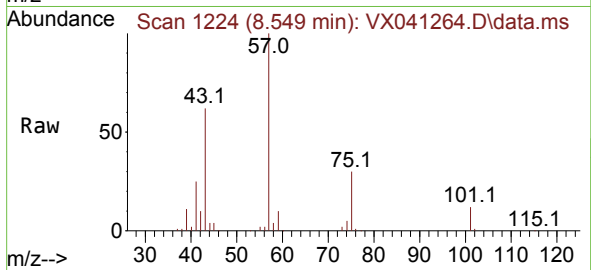
ClientSampleId :

Tgt Ion: 43 Resp: 47342

Ion Ratio Lower Upper

43 100

58 5.6 30.4 45.6#



#54

cis-1,3-Dichloropropene

Concen: 11.737 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX041264.D

Acq: 26 Apr 2024 17:13

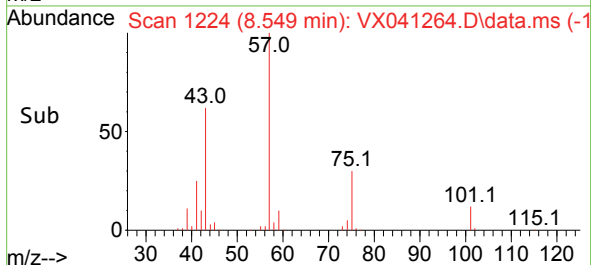
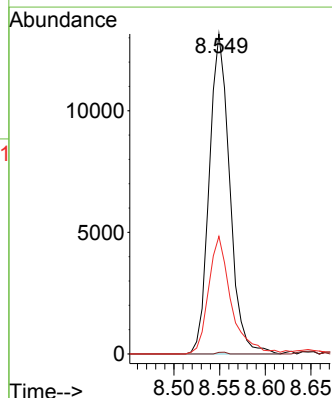
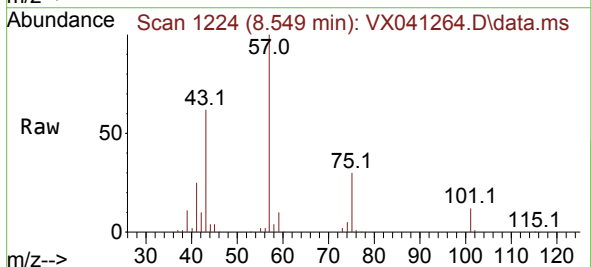
Tgt Ion: 75 Resp: 20453

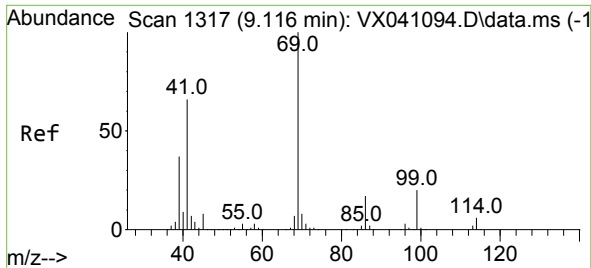
Ion Ratio Lower Upper

75 100

77 0.5 25.3 37.9#

39 36.7 46.7 70.1#

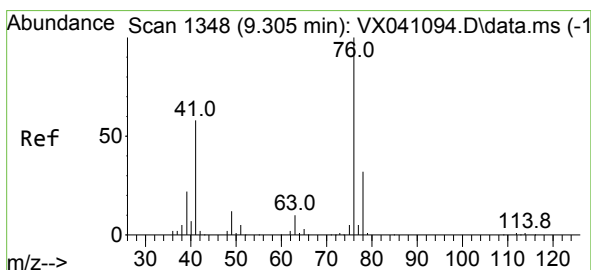
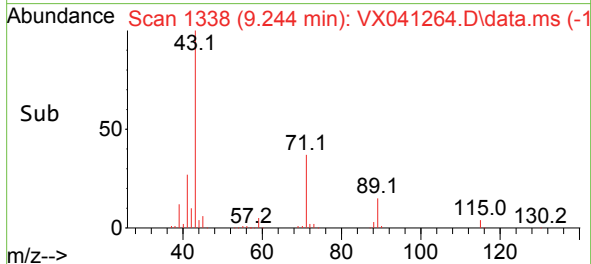
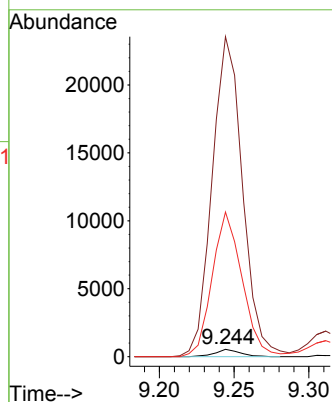
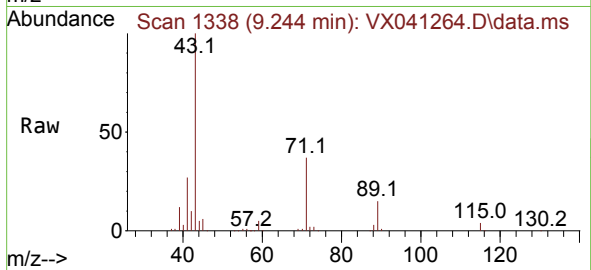




#56
Ethyl methacrylate
Concen: 0.356 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.122 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

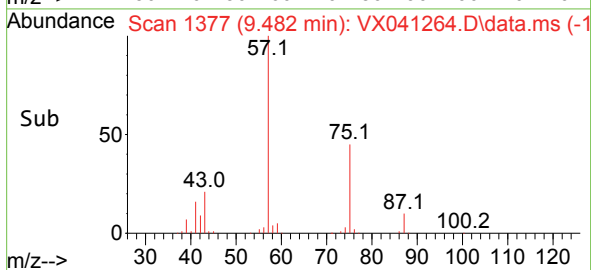
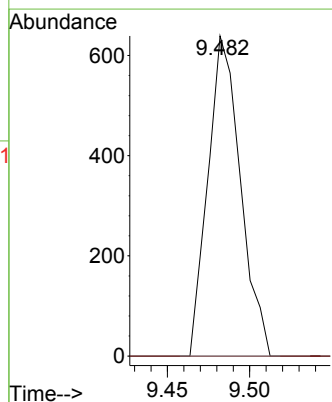
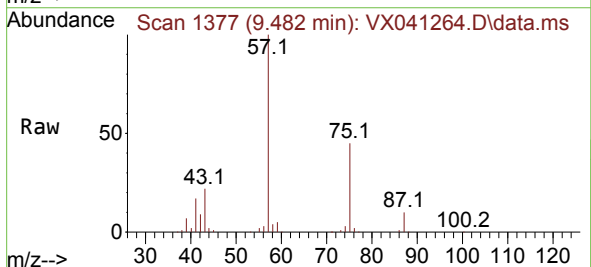
Instrument :
MSVOA_X
ClientSampleId :

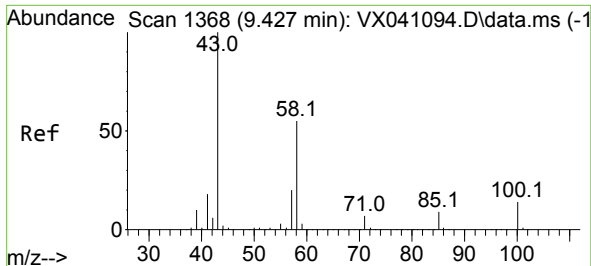
Tgt Ion: 69 Resp: 635
Ion Ratio Lower Upper
69 100
41 5258.3 56.8 85.2#
39 2328.2 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.455 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Tgt Ion: 76 Resp: 879
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

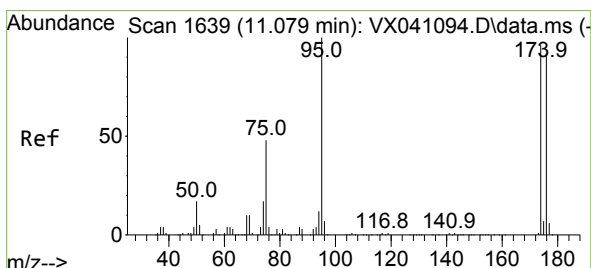
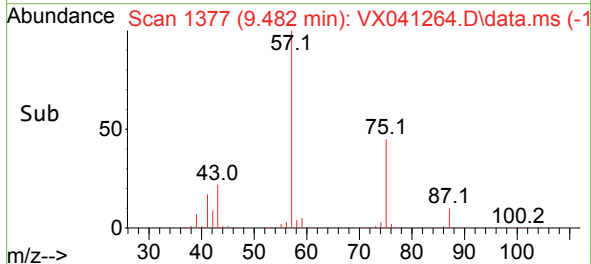
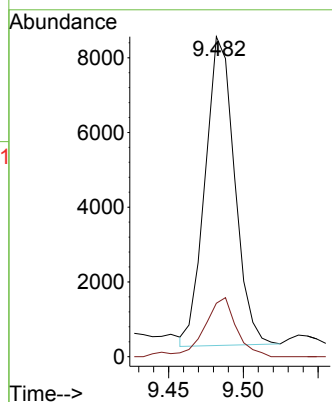
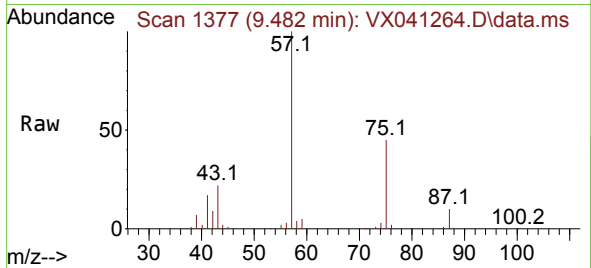




#59
2-Hexanone
Concen: 8.703 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

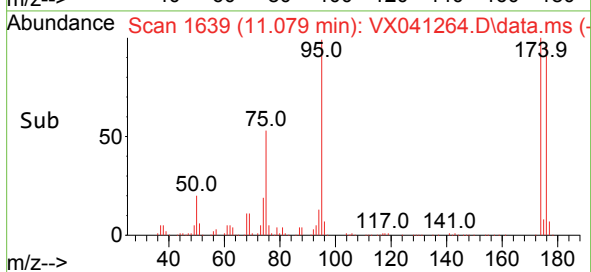
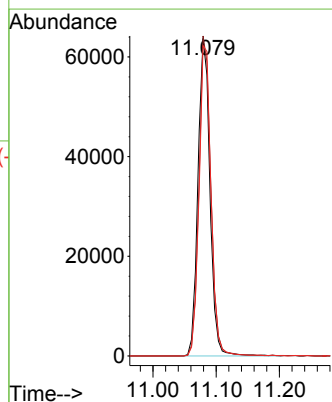
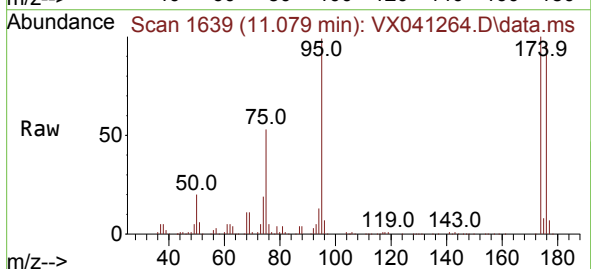
Instrument :
MSVOA_X
ClientSampleId :

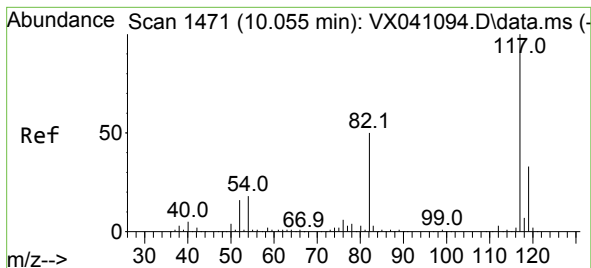
Tgt Ion: 43 Resp: 11336
Ion Ratio Lower Upper
43 100
58 21.1 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 56.285 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041264.D
Acq: 26 Apr 2024 17:13

Tgt Ion: 95 Resp: 84114
Ion Ratio Lower Upper
95 100
174 99.8 0.0 135.6
176 98.2 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: VX041264.D

Acq: 26 Apr 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

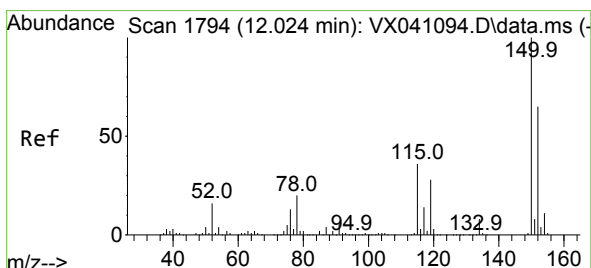
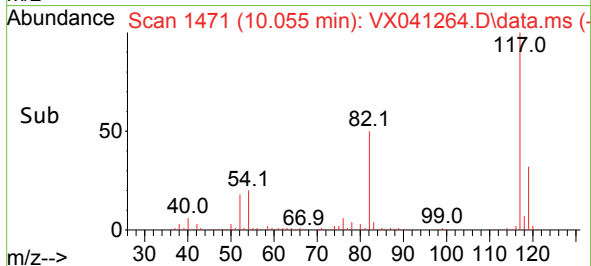
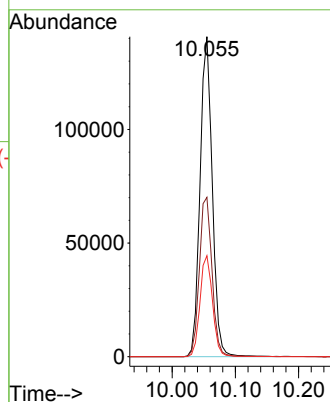
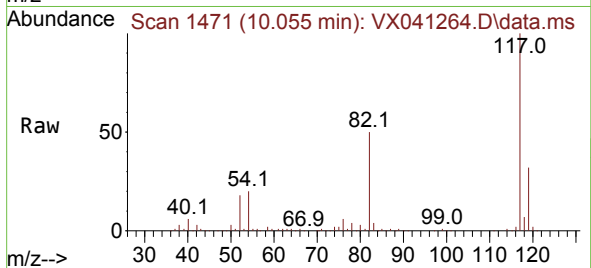
Tgt Ion:117 Resp: 189758

Ion Ratio Lower Upper

117 100

82 49.8 46.2 69.4

119 31.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041264.D

Acq: 26 Apr 2024 17:13

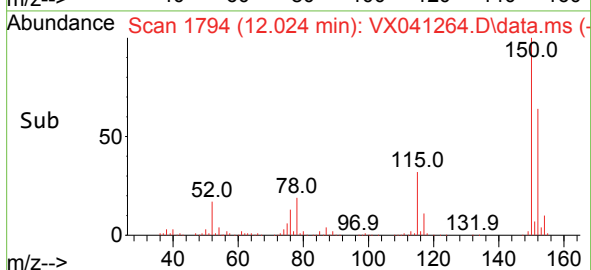
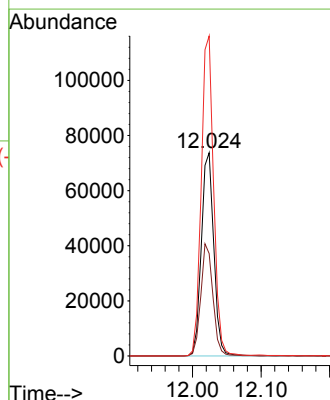
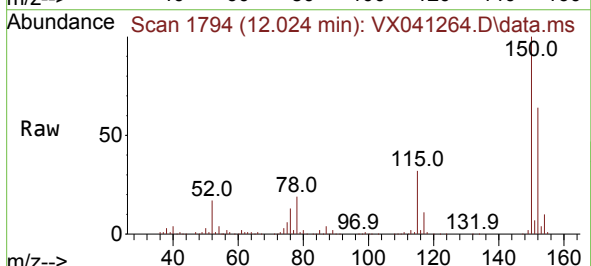
Tgt Ion:152 Resp: 93660

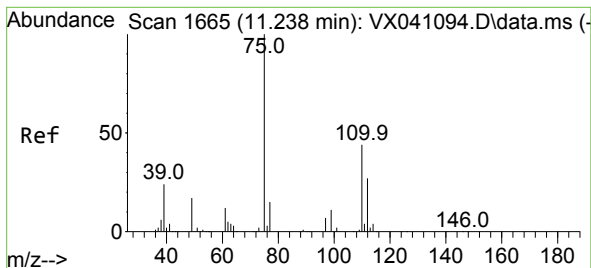
Ion Ratio Lower Upper

152 100

115 53.6 43.3 129.9

150 155.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.596 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041264.D

Acq: 26 Apr 2024 17:13

Instrument :

MSVOA_X

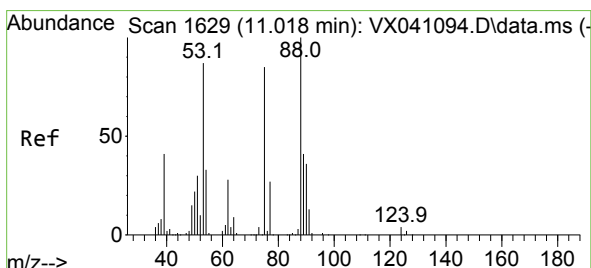
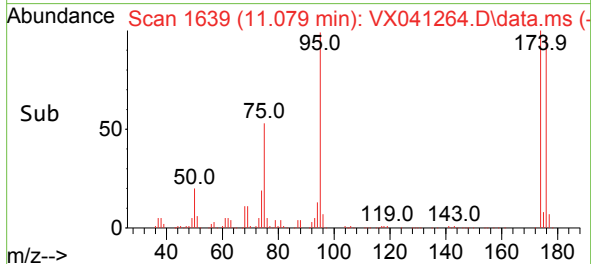
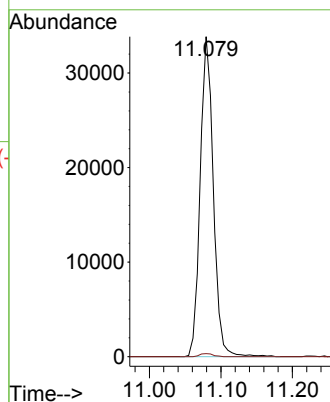
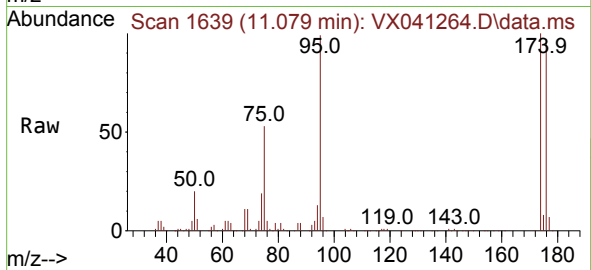
ClientSampleId :

Tgt Ion: 75 Resp: 43152

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.678 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041264.D

Acq: 26 Apr 2024 17:13

Tgt Ion: 75 Resp: 43152

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

