

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040048.D
 Acq On : 31 Jan 2024 15:06
 Operator : JC/MD
 Sample : P1282-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1242

Quant Time: Feb 01 04:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

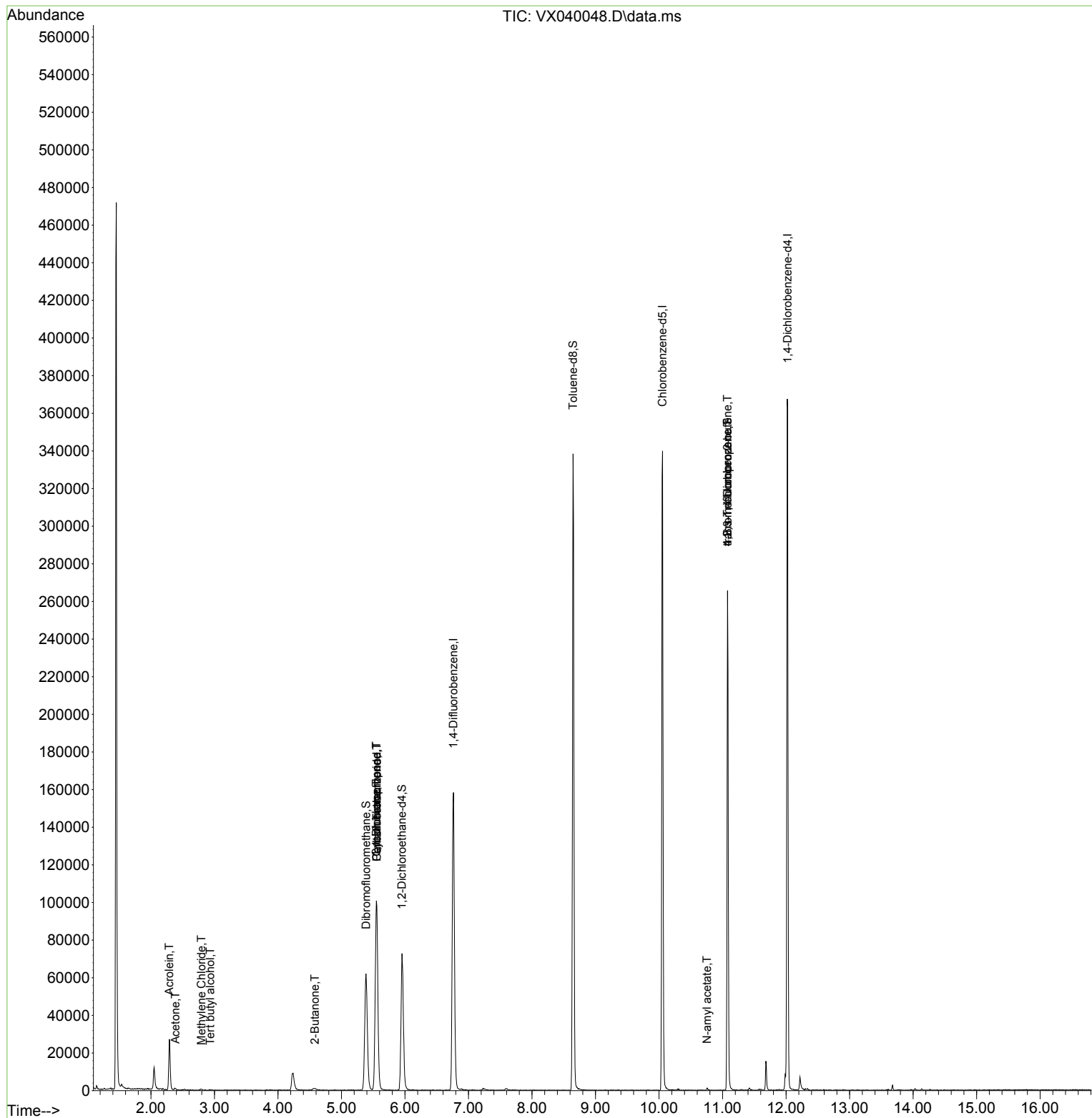
Internal Standards						
1) Pentafluorobenzene	5.556	168	90386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66336	45.603	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.200%		
35) Dibromofluoromethane	5.385	113	53167	48.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.980%		
50) Toluene-d8	8.647	98	195369	48.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.260%		
62) 4-Bromofluorobenzene	11.079	95	70950	45.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.800%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	109	0.413	ug/l #	78
13) Acrolein	2.288	56	360	1.424	ug/l #	1
16) Acetone	2.386	43	993	1.457	ug/l	96
20) Methylene Chloride	2.794	84	316	0.261	ug/l #	51
25) 2-Butanone	4.580	43	932	0.984	ug/l #	82
31) Cyclohexane	5.550	56	2369	1.300	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8105	5.163	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10368	6.903	ug/l #	15
74) N-amyl acetate	10.756	43	288	0.318	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38713	24.544	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38713	72.785	ug/l #	5

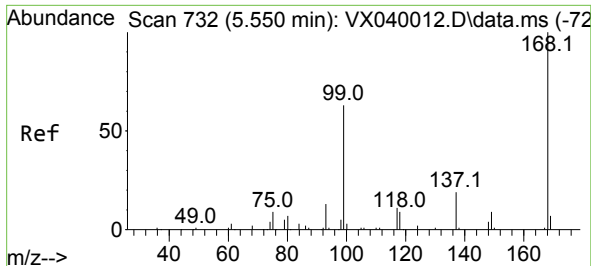
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
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Quant Time: Feb 01 04:23:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 07:12:04 2024
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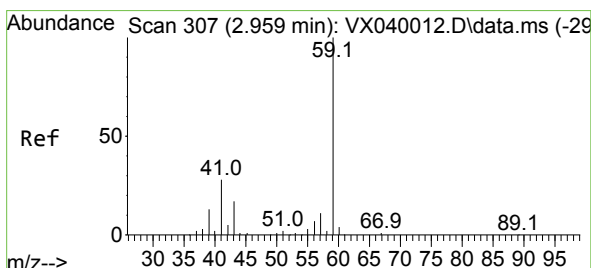
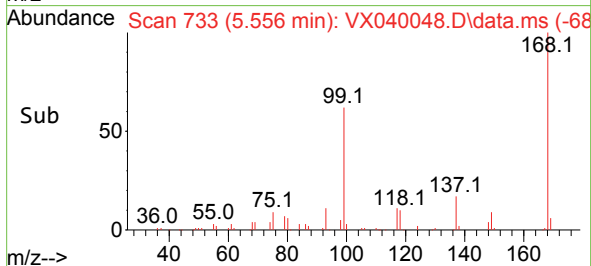
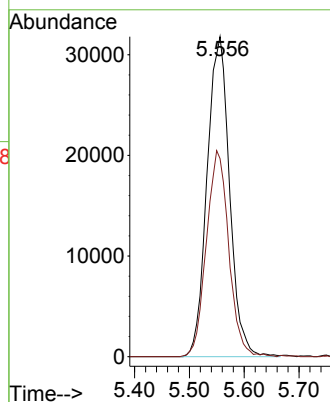
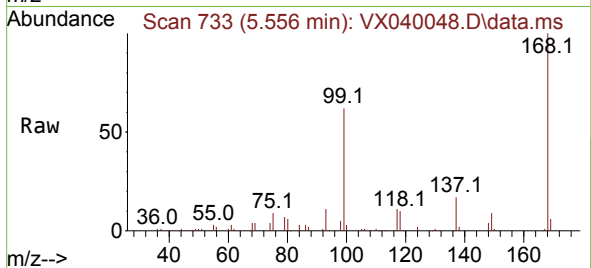




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

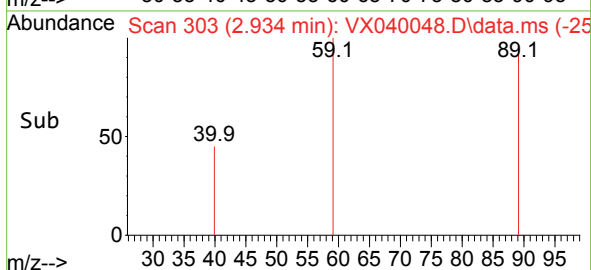
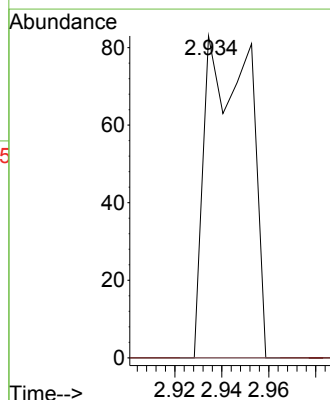
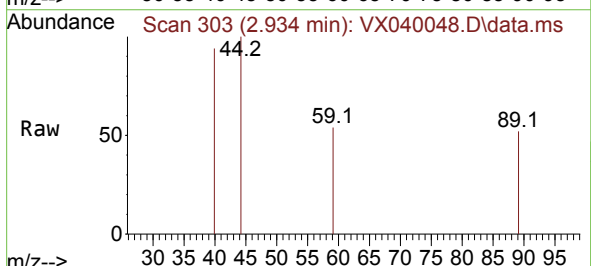
Instrument :
MSVOA_X
ClientSampleId :
1242

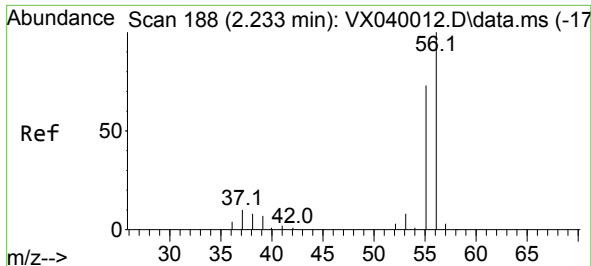
Tgt Ion:168 Resp: 90386
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.413 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.024 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 1.424 ug/l

RT: 2.288 min Scan# 197

Delta R.T. 0.055 min

Lab File: VX040048.D

Acq: 31 Jan 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

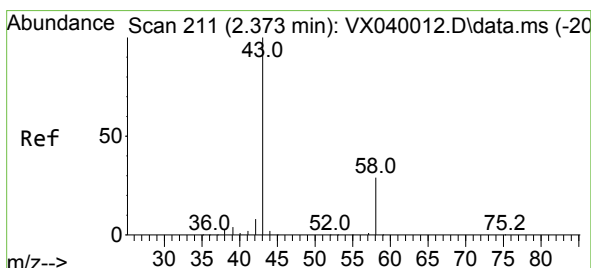
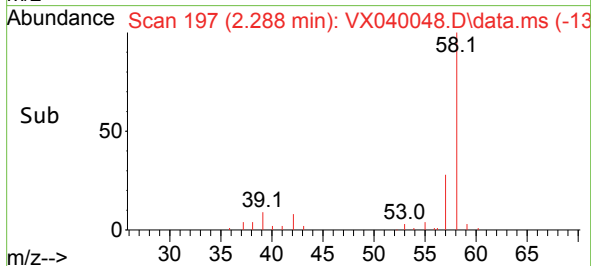
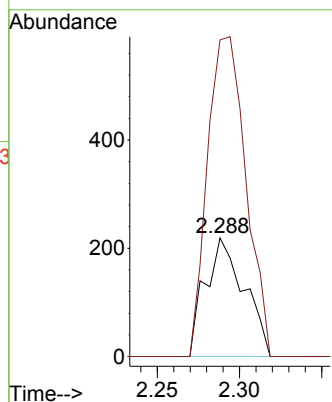
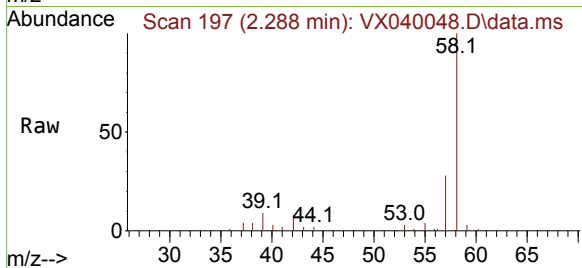
1242

Tgt Ion: 56 Resp: 360

Ion Ratio Lower Upper

56 100

55 266.9 57.1 85.7#



#16

Acetone

Concen: 1.457 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX040048.D

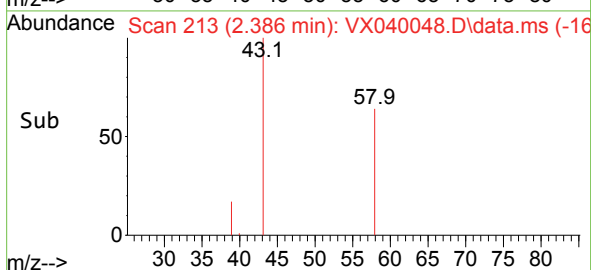
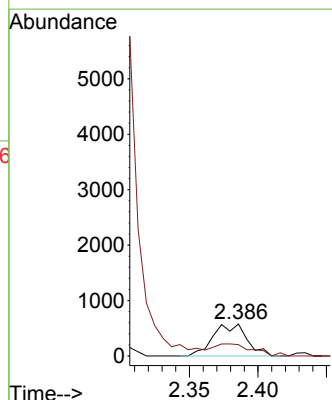
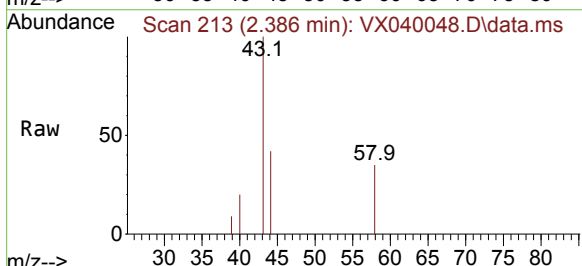
Acq: 31 Jan 2024 15:06

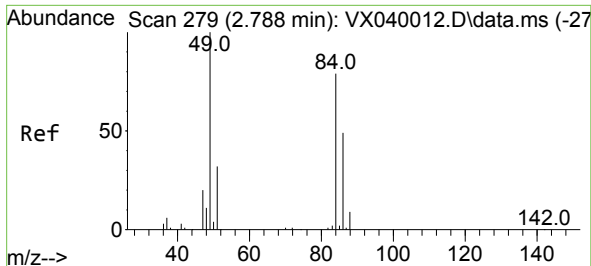
Tgt Ion: 43 Resp: 993

Ion Ratio Lower Upper

43 100

58 25.2 21.9 32.9

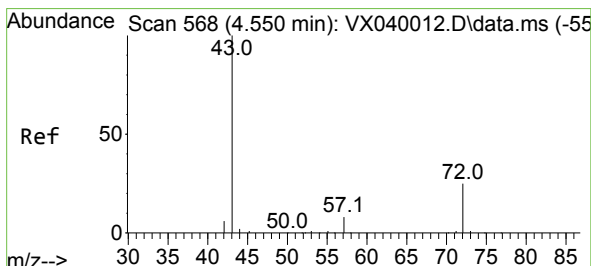
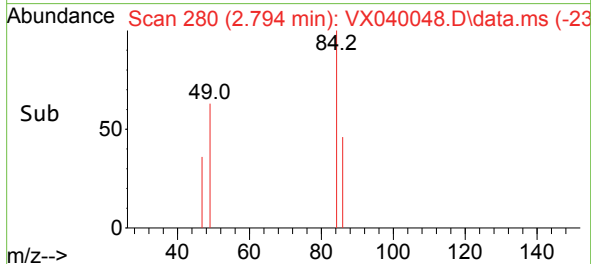
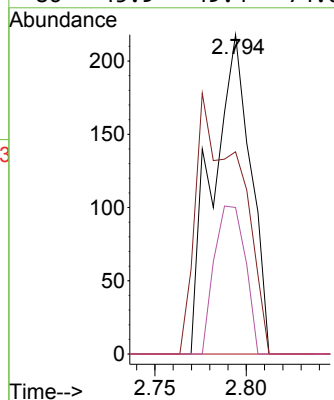
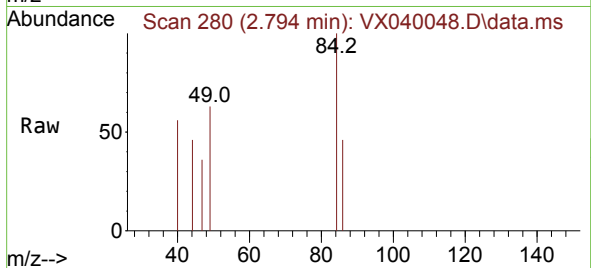




#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

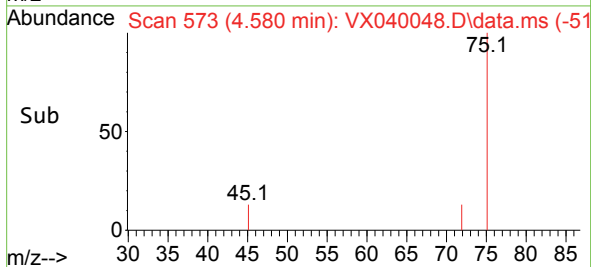
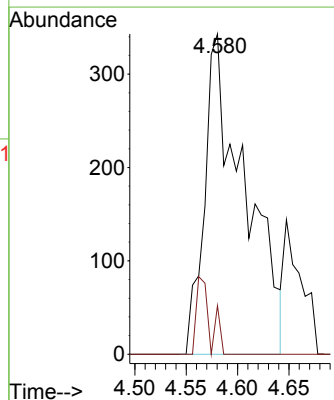
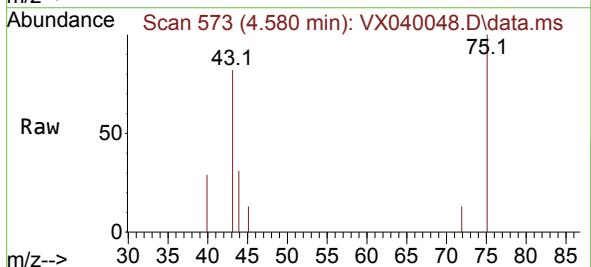
Instrument :
MSVOA_X
ClientSampleId :
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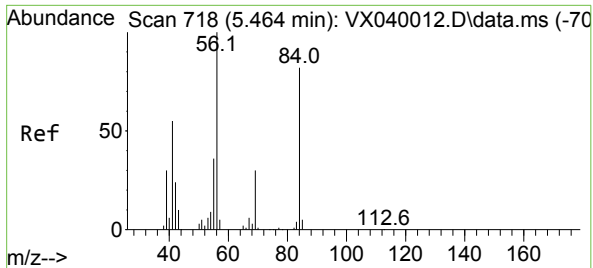
Tgt Ion:	84	Resp:	316
Ion	Ratio	Lower	Upper
84	100		
49	63.3	103.6	155.4#
51	0.0	33.8	50.6#
86	45.9	49.4	74.0#



#25
2-Butanone
Concen: 0.984 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

Tgt Ion:	43	Resp:	932
Ion	Ratio	Lower	Upper
43	100		
72	15.2	19.4	29.2#

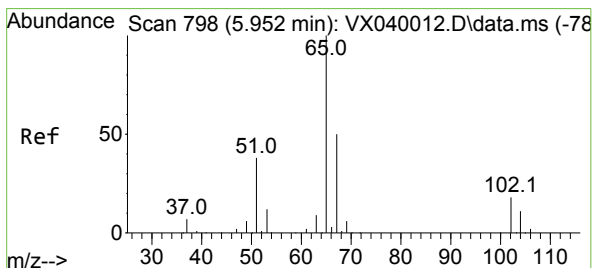
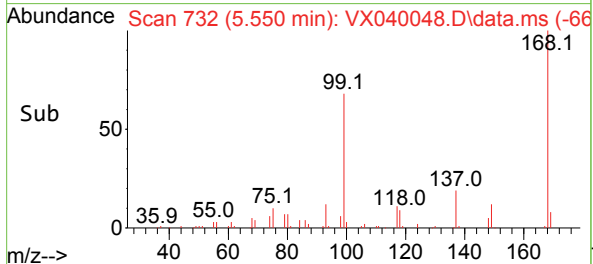
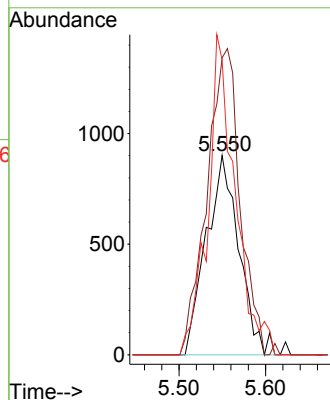
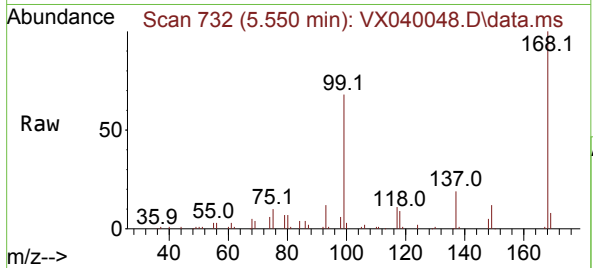




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

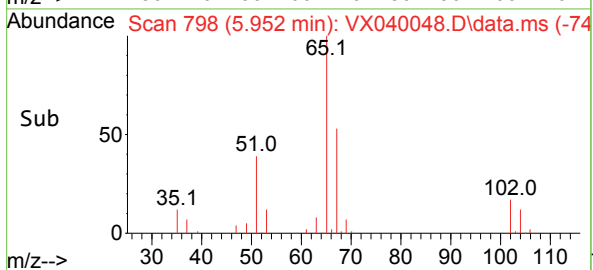
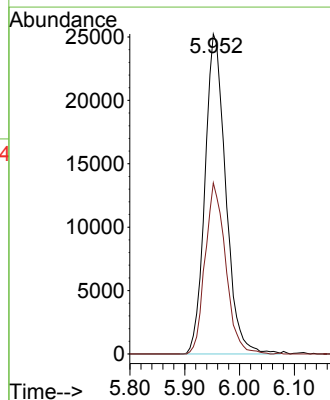
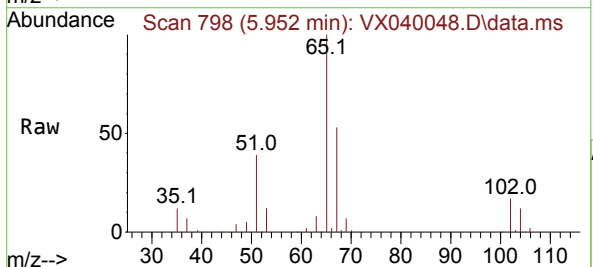
Instrument :
MSVOA_X
ClientSampleId :
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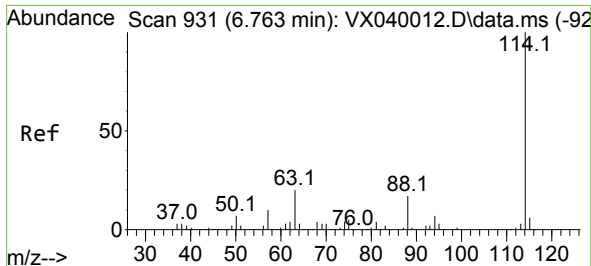
Tgt Ion: 56 Resp: 2369
Ion Ratio Lower Upper
56 100
69 148.9 23.4 35.2#
84 147.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.603 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

Tgt Ion: 65 Resp: 66336
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

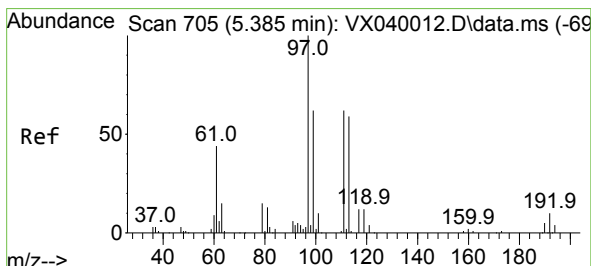
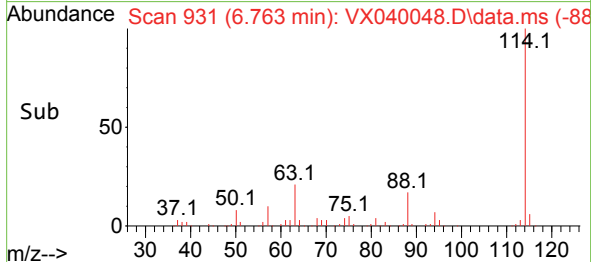
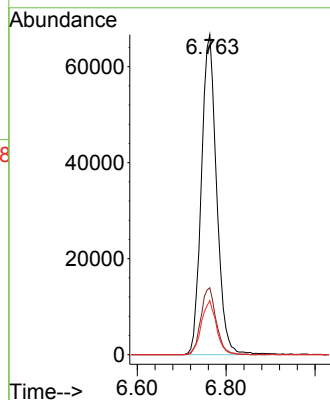
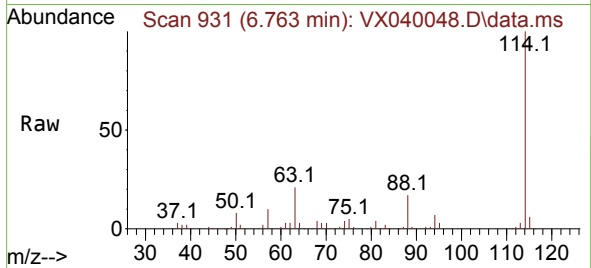




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

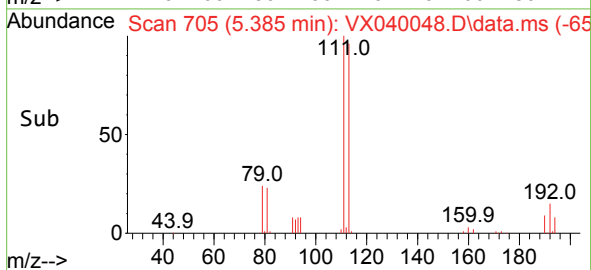
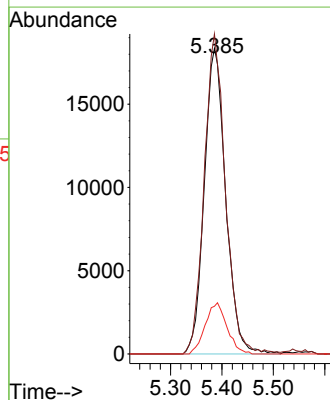
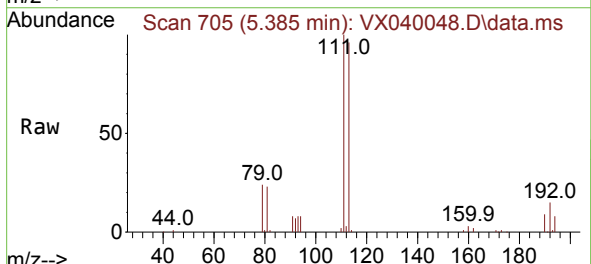
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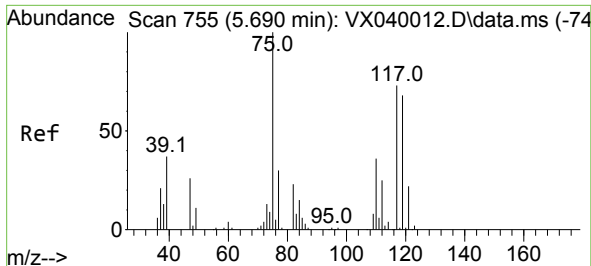
Tgt Ion:114 Resp: 159439
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.986 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

Tgt Ion:113 Resp: 53167
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.0 13.3 19.9

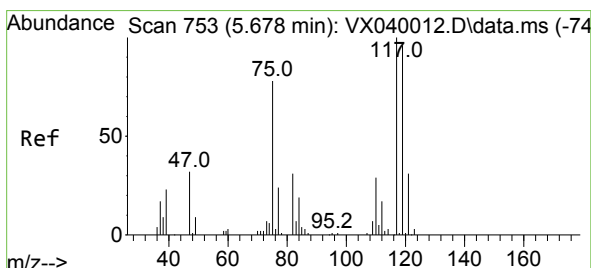
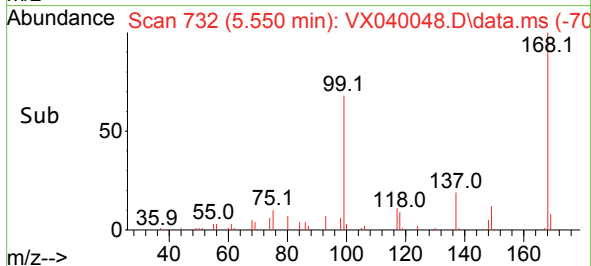
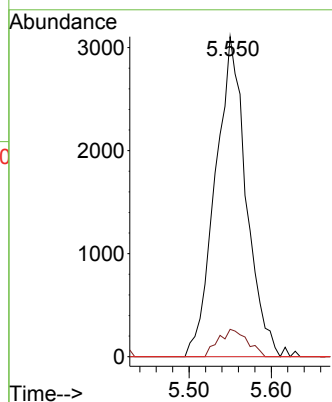
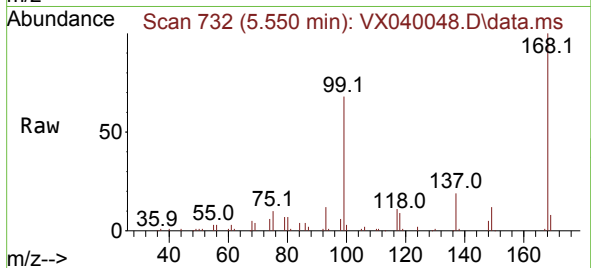




#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

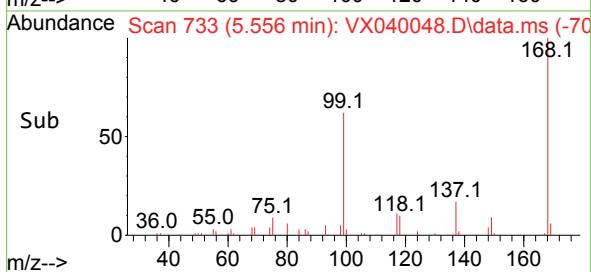
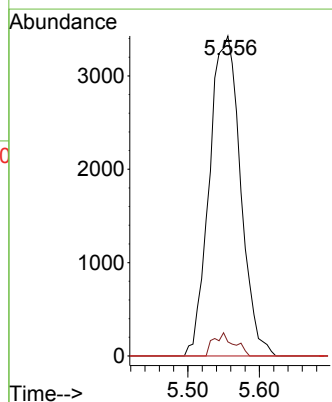
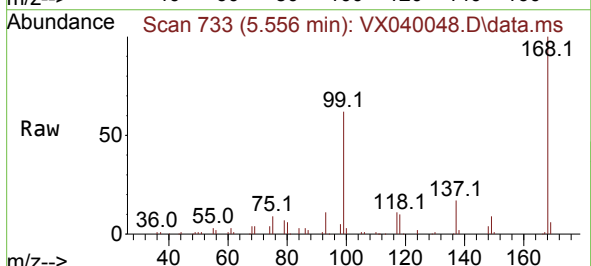
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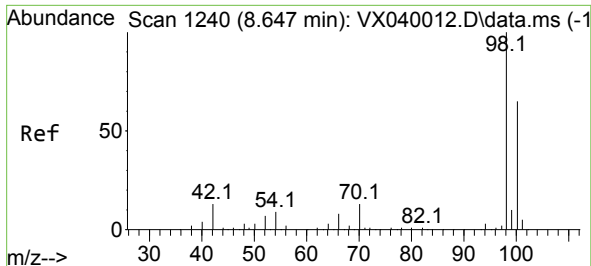
Tgt Ion: 75 Resp: 8105
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.903 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

Tgt Ion: 117 Resp: 10368
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

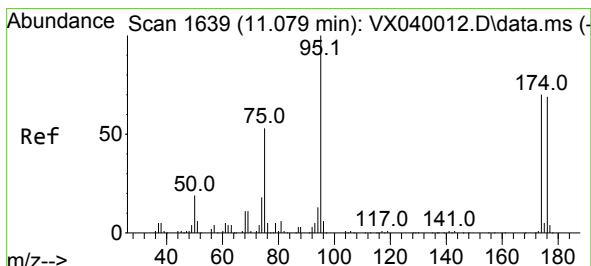
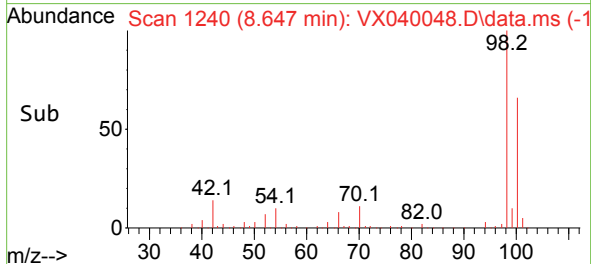
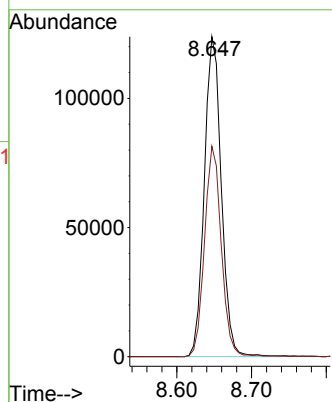
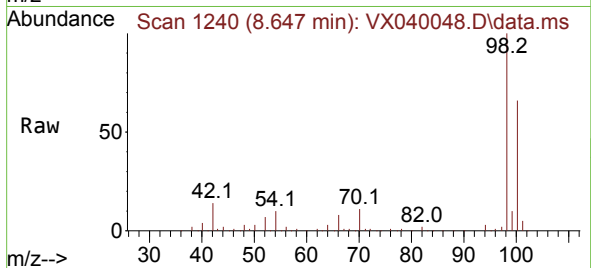




#50
Toluene-d8
Concen: 48.133 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

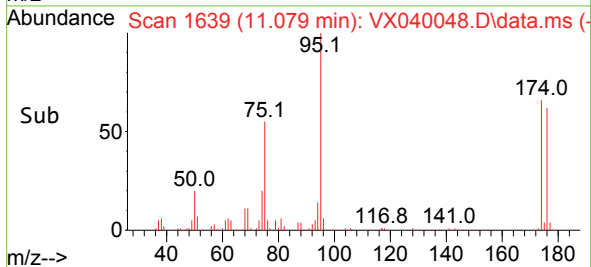
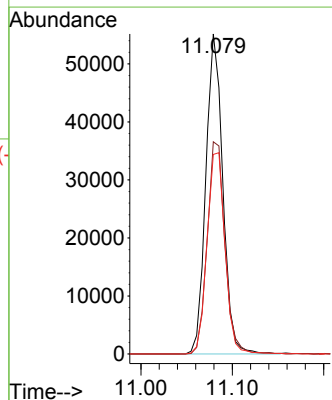
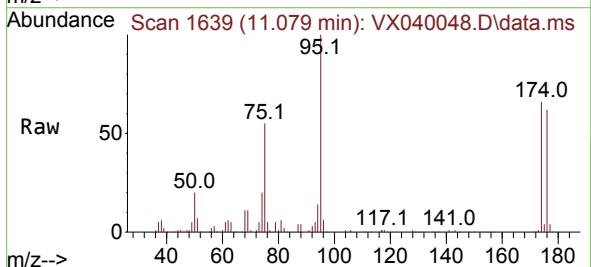
Instrument :
MSVOA_X
ClientSampleId :
1242

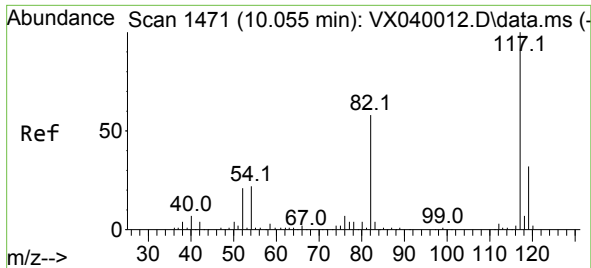
Tgt Ion: 98 Resp: 195369
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

Tgt Ion: 95 Resp: 70950
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 67.0 0.0 131.0

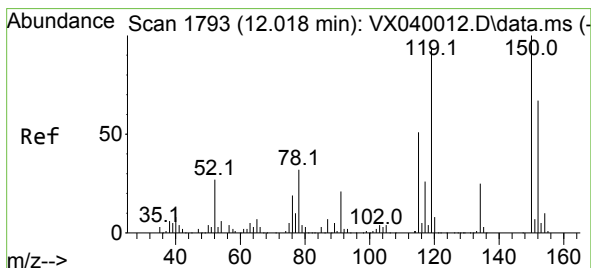
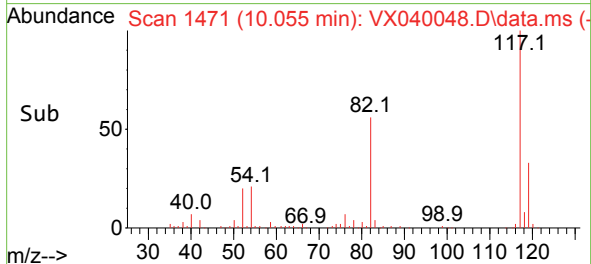
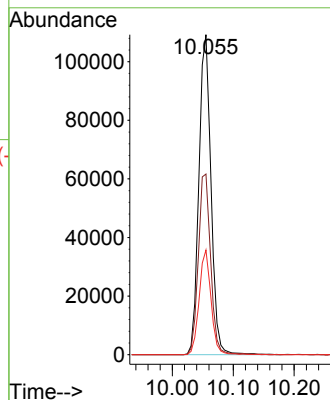
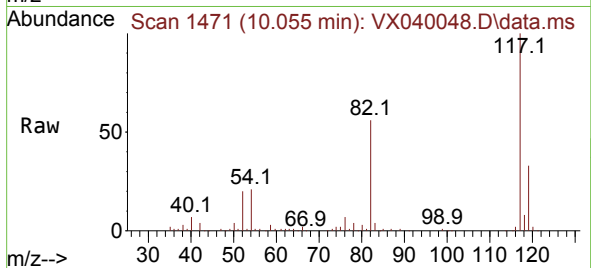




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

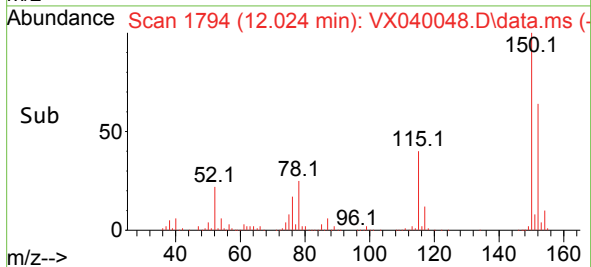
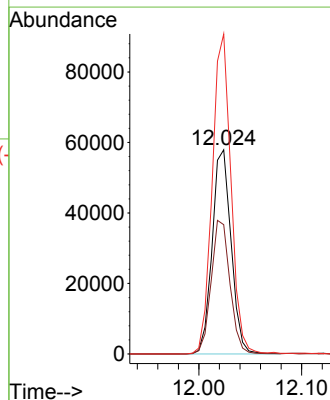
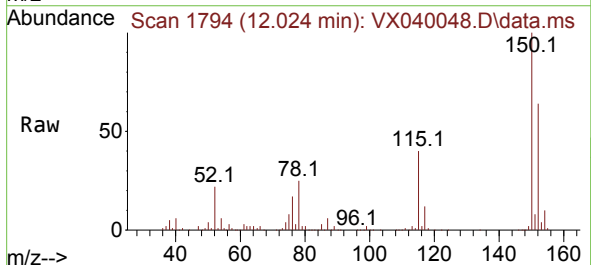
Instrument :
MSVOA_X
ClientSampleId :
1242

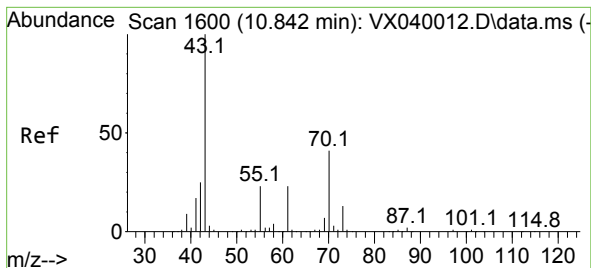
Tgt Ion:117 Resp: 150601
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040048.D
Acq: 31 Jan 2024 15:06

Tgt Ion:152 Resp: 74069
Ion Ratio Lower Upper
152 100
115 64.9 43.3 129.9
150 154.7 0.0 345.0





#74

N-amyl acetate

Concen: 0.318 ug/l

RT: 10.756 min Scan# 11

Delta R.T. -0.086 min

Lab File: VX040048.D

Acq: 31 Jan 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

1242

Tgt Ion: 43 Resp: 288

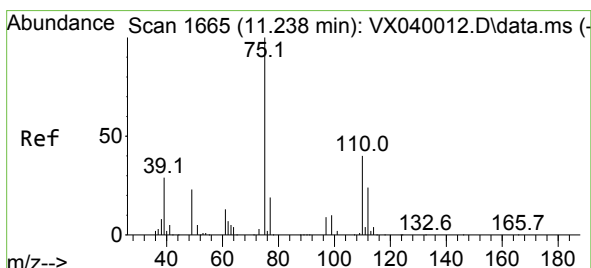
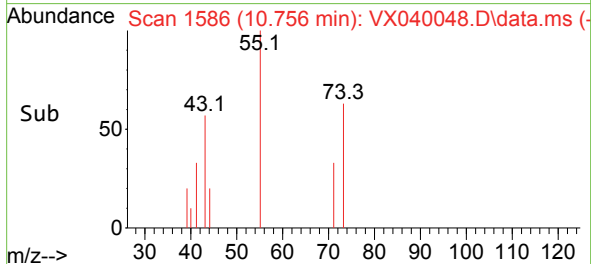
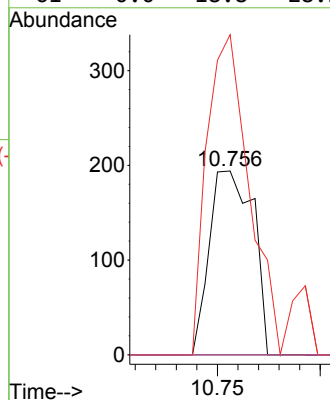
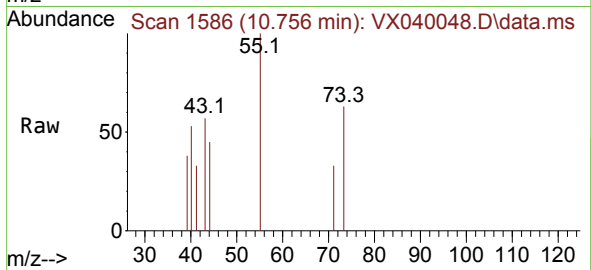
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 167.0 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.544 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040048.D

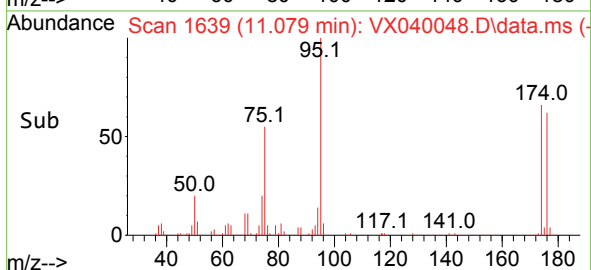
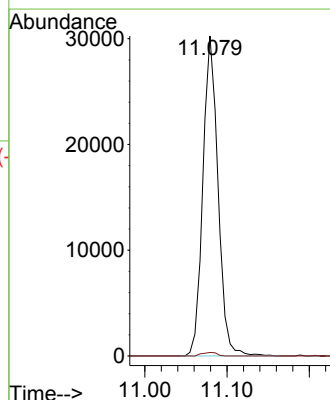
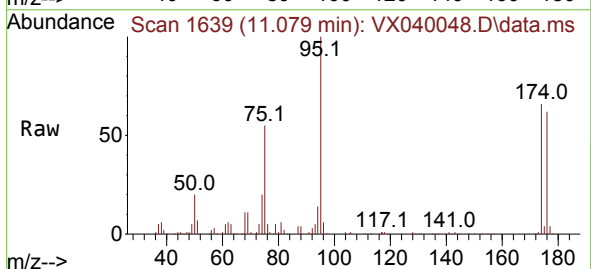
Acq: 31 Jan 2024 15:06

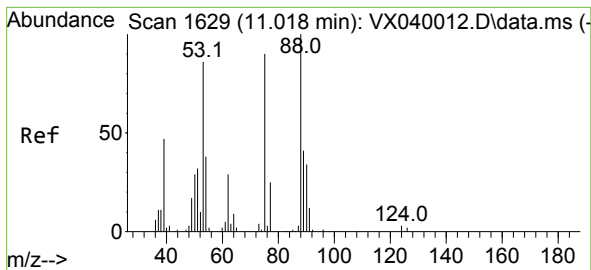
Tgt Ion: 75 Resp: 38713

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.785 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040048.D
 Acq: 31 Jan 2024 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 1242

Tgt Ion: 75 Resp: 38713
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

