

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX043003.D
 Acq On : 09 Aug 2024 18:11
 Operator : JC/MD
 Sample : P3430-05DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 925-K1-WPO-0-0.25-073124DL

Quant Time: Aug 09 23:29:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

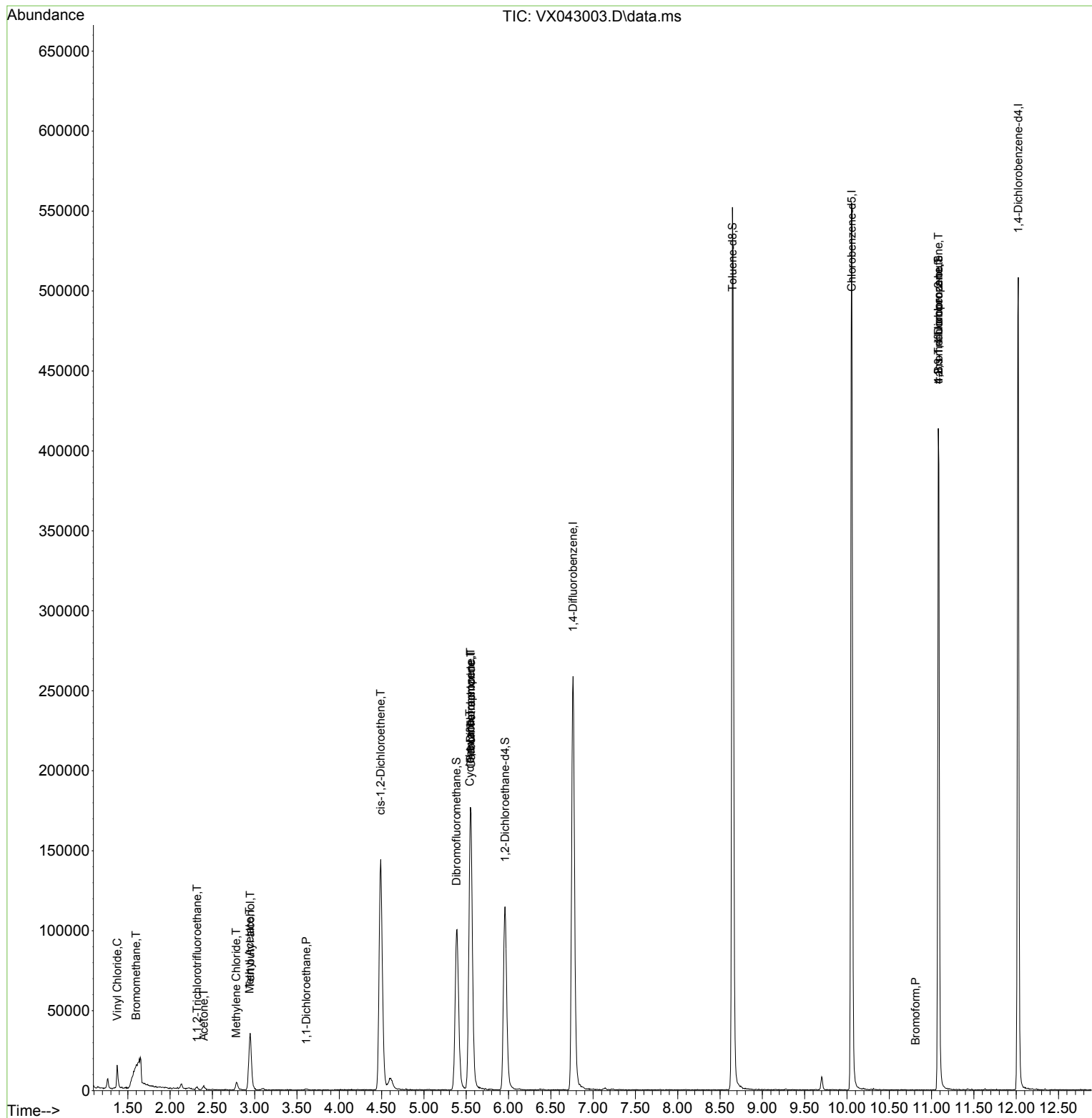
Internal Standards						
1) Pentafluorobenzene	5.550	168	164547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	269486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117927	52.205	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.420%		
35) Dibromofluoromethane	5.385	113	89756	50.939	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.880%		
50) Toluene-d8	8.647	98	334112	53.413	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.820%		
62) 4-Bromofluorobenzene	11.079	95	110687	49.242	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.480%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	9555	5.211	ug/l	98
5) Bromomethane	1.599	94	781	0.704	ug/l #	48
9) 1,1,2-Trichlorotrifluo...	2.319	101	644	0.359	ug/l #	74
11) Tert butyl alcohol	2.947	59	19918	44.330	ug/l #	82
16) Acetone	2.398	43	2370	2.419	ug/l #	83
18) Methyl Acetate	2.941	43	3226	1.038	ug/l #	66
20) Methylene Chloride	2.782	84	2603	0.372	ug/l	88
24) 1,1-Dichloroethane	3.611	63	885	0.256	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	91111	42.104	ug/l	85
31) Cyclohexane	5.544	56	4070	1.440	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	13693	5.732	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16989	6.300	ug/l #	14
71) Bromoform	10.811	173	94	0.873	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	58062	24.478	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58062	79.592	ug/l #	5

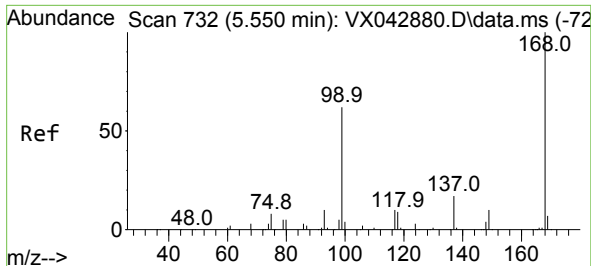
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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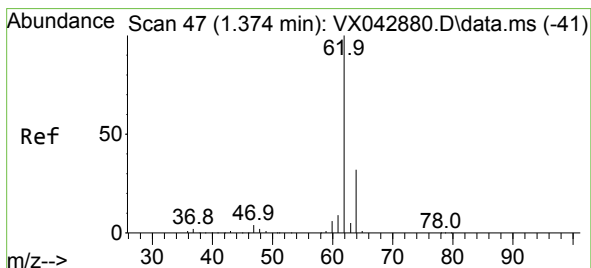
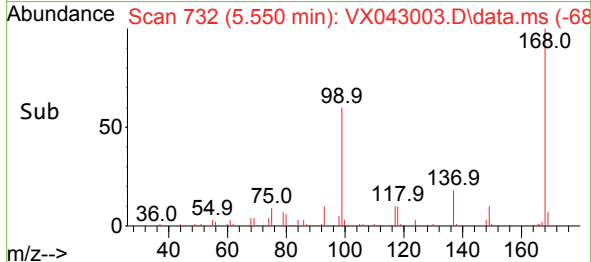
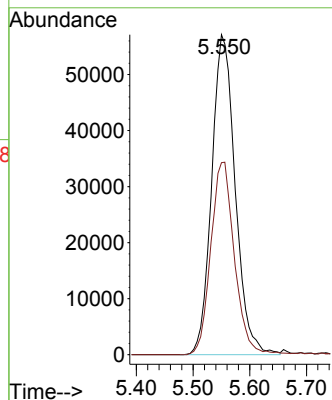
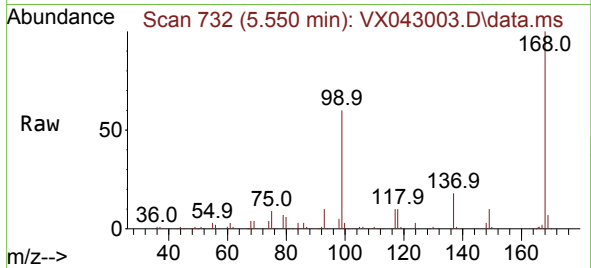




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

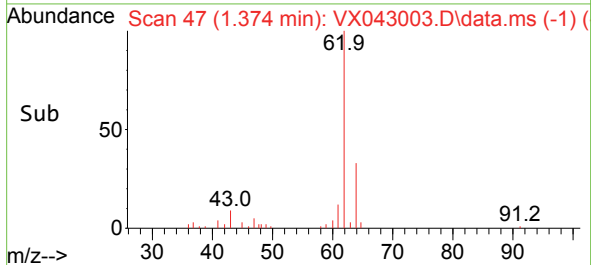
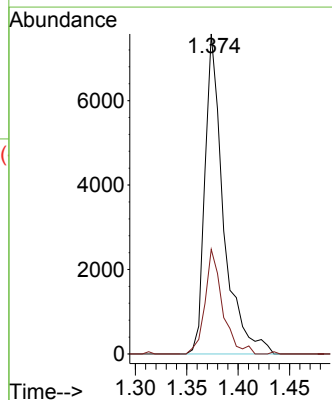
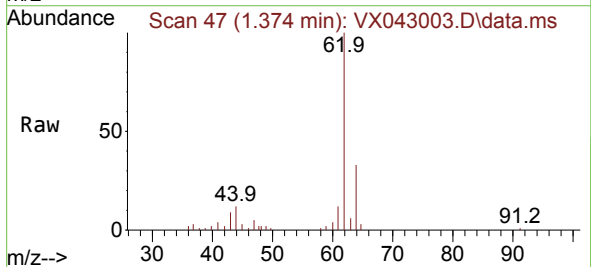
Instrument : MSVOA_X
ClientSampleId : 925-K1-WPO-0-0.25-073124DL

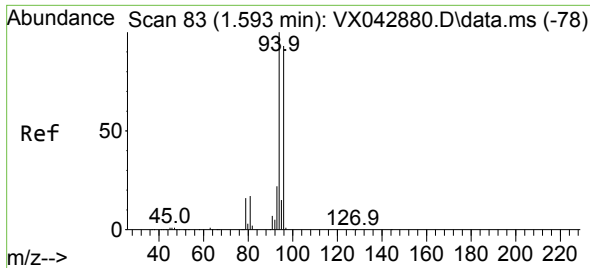
Tgt Ion:168 Resp: 164547
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#4
Vinyl Chloride
Concen: 5.211 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion: 62 Resp: 9555
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

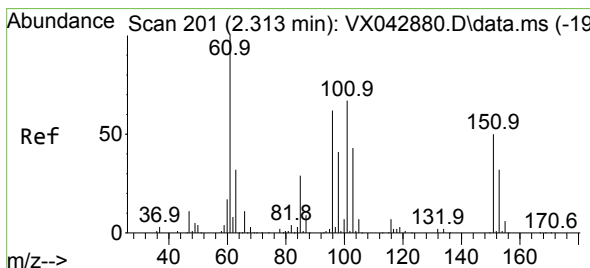
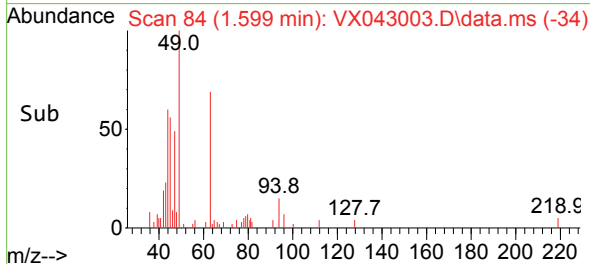
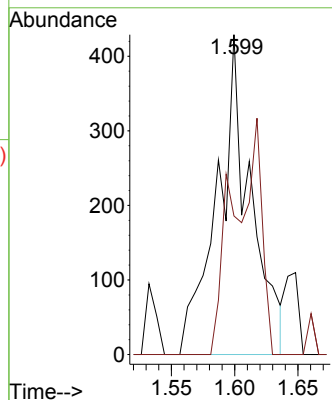
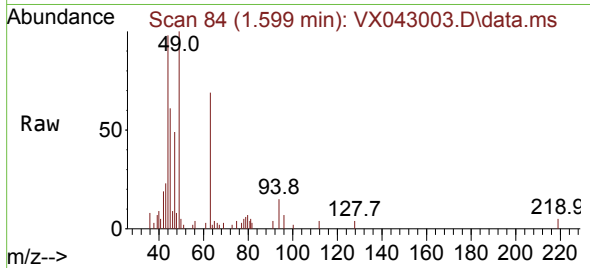




#5
Bromomethane
Concen: 0.704 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

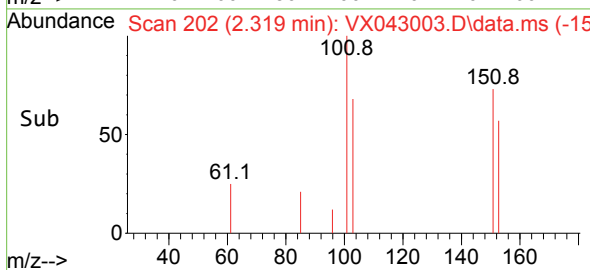
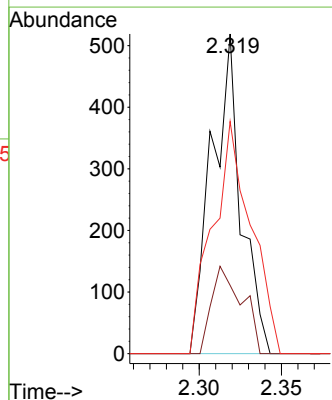
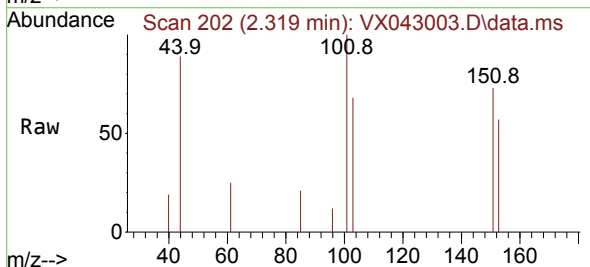
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124DL

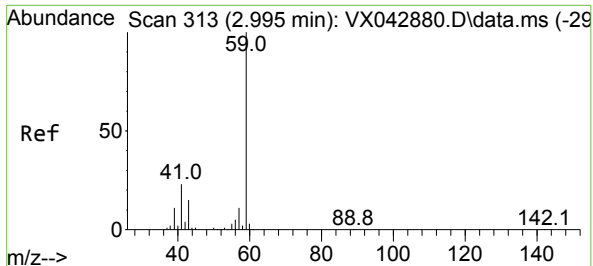
Tgt Ion: 94 Resp: 781
Ion Ratio Lower Upper
94 100
96 43.4 74.6 111.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.359 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion: 101 Resp: 644
Ion Ratio Lower Upper
101 100
85 28.6 37.0 55.6#
151 94.9 58.6 87.8#





#11

Tert butyl alcohol

Concen: 44.330 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX043003.D

Acq: 09 Aug 2024 18:11

Instrument :

MSVOA_X

ClientSampleId :

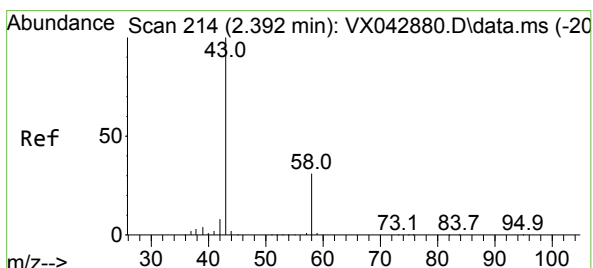
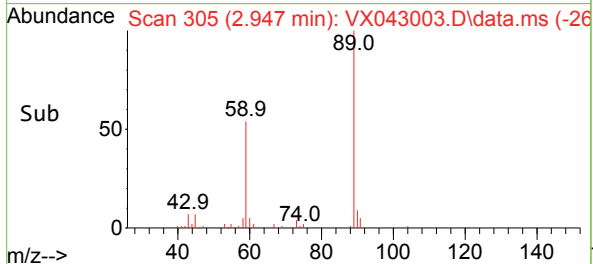
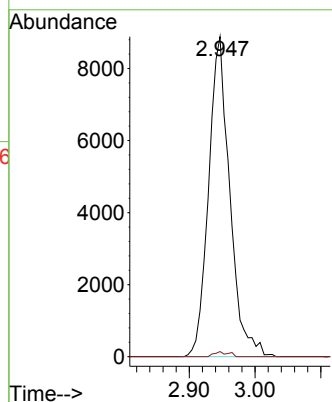
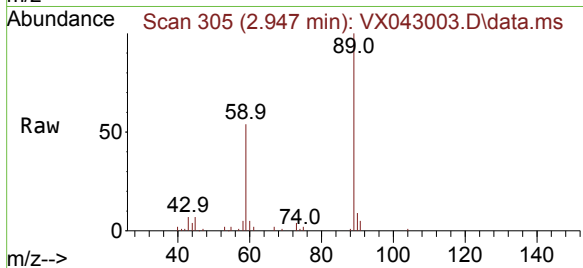
925-K1-WPO-0-0.25-073124DL

Tgt Ion: 59 Resp: 19918

Ion Ratio Lower Upper

59 100

57 1.1 6.0 9.0#



#16

Acetone

Concen: 2.419 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX043003.D

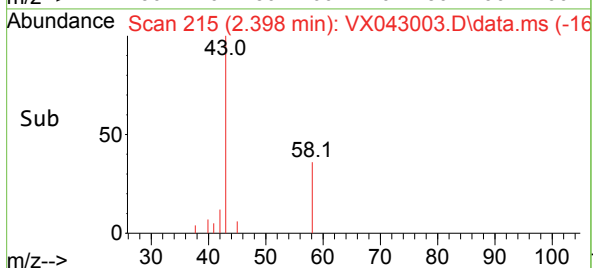
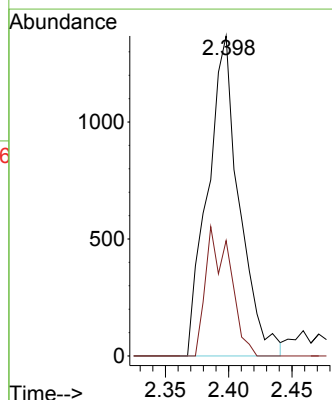
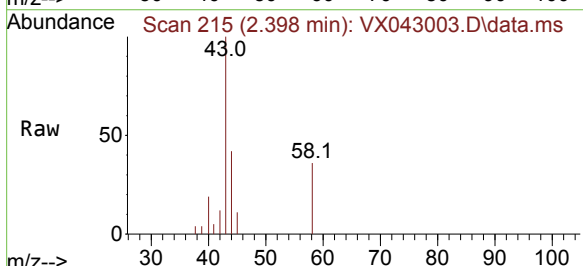
Acq: 09 Aug 2024 18:11

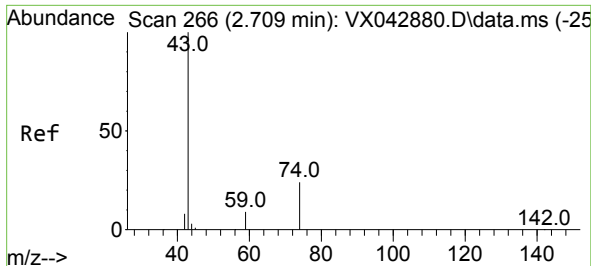
Tgt Ion: 43 Resp: 2370

Ion Ratio Lower Upper

43 100

58 36.0 21.9 32.9#

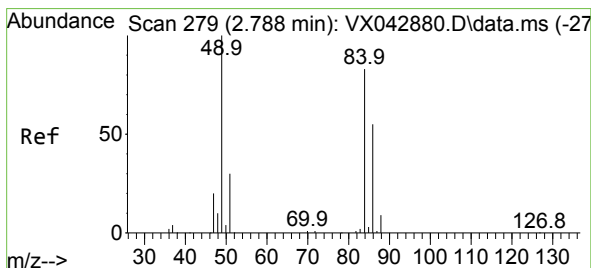
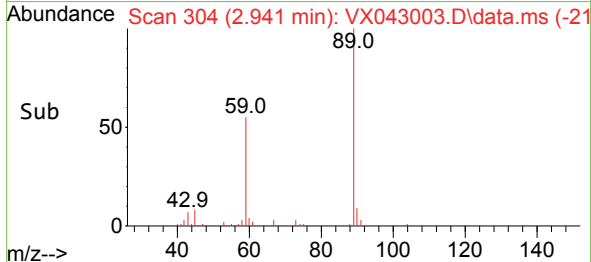
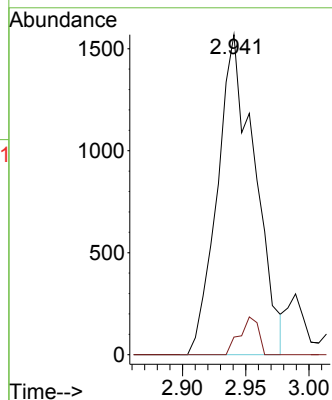
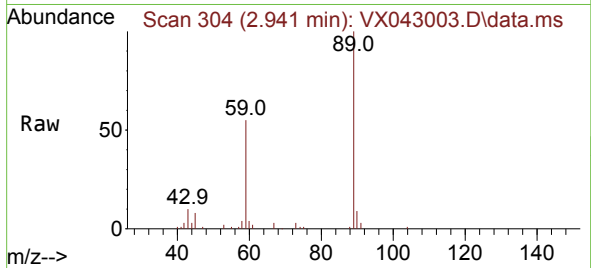




#18
Methyl Acetate
Concen: 1.038 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

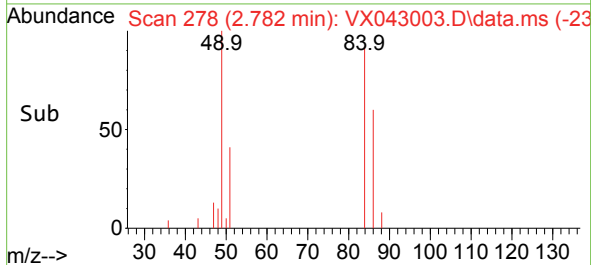
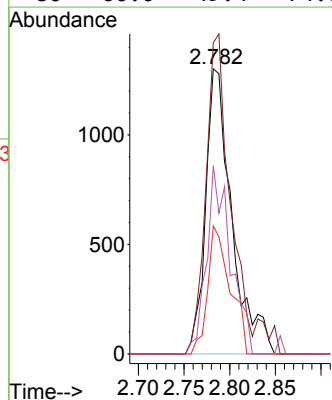
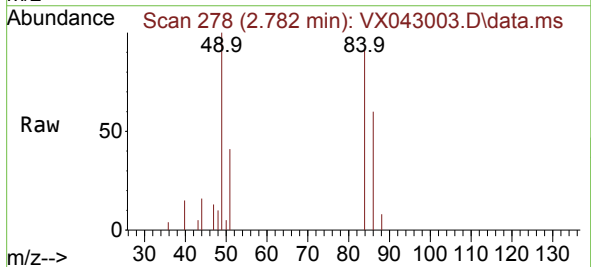
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124DL

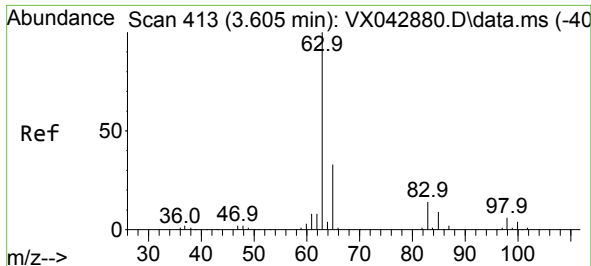
Tgt Ion: 43 Resp: 3226
Ion Ratio Lower Upper
43 100
74 5.9 17.8 26.8#



#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion: 84 Resp: 2603
Ion Ratio Lower Upper
84 100
49 109.1 103.6 155.4
51 44.9 33.8 50.6
86 66.0 49.4 74.0

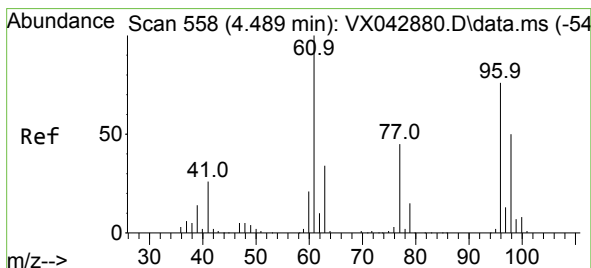
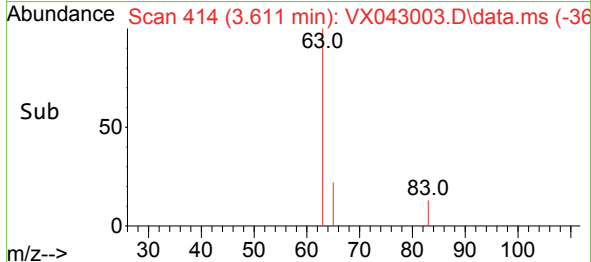
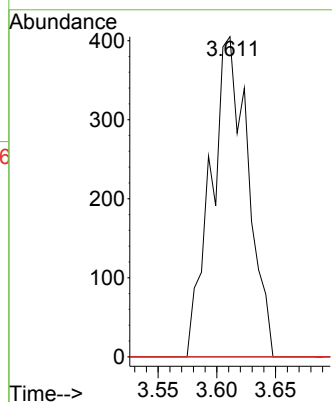
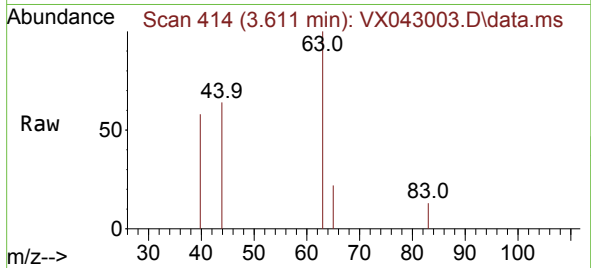




#24
1,1-Dichloroethane
Concen: 0.256 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

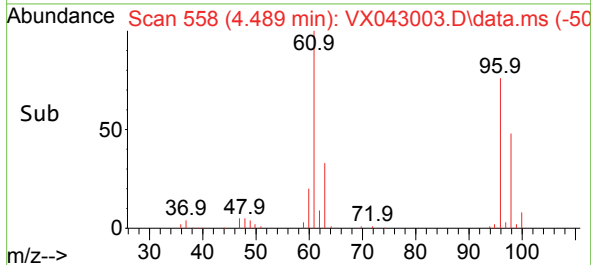
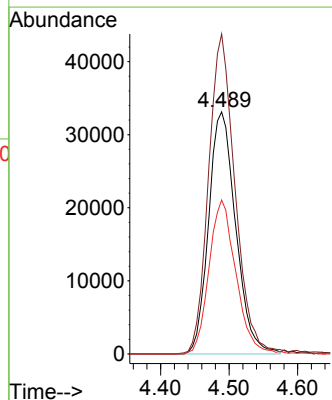
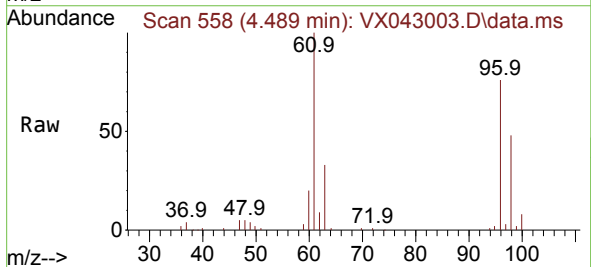
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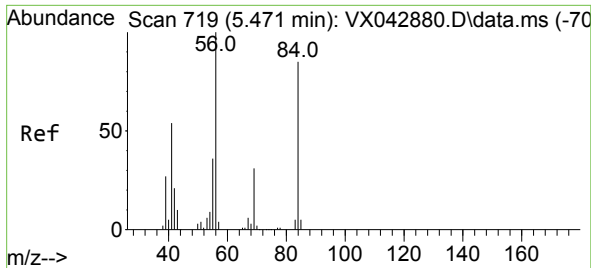
Tgt Ion: 63 Resp: 885
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 42.104 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion: 96 Resp: 91111
Ion Ratio Lower Upper
96 100
61 129.2 0.0 312.2
98 63.3 0.0 129.0

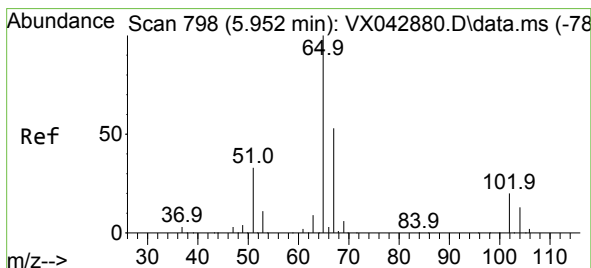
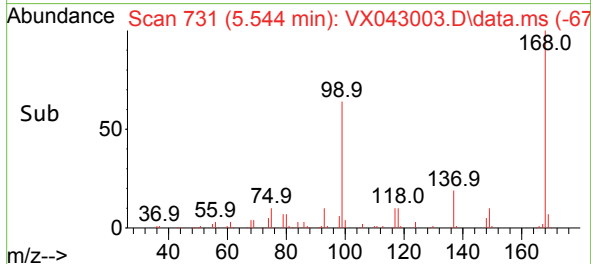
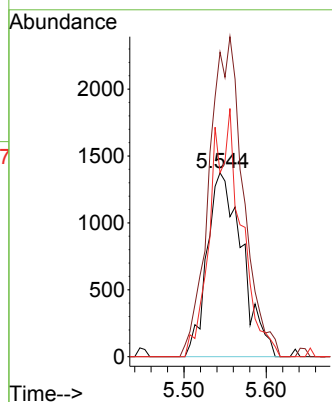
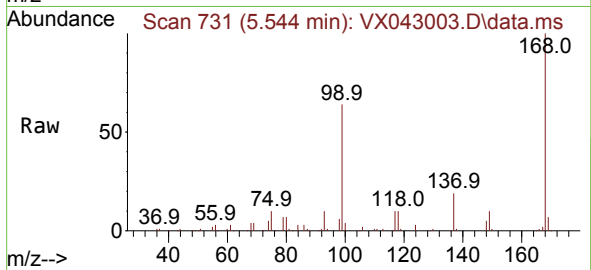




#31
Cyclohexane
Concen: 1.440 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

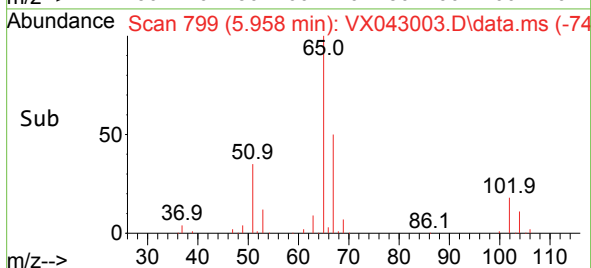
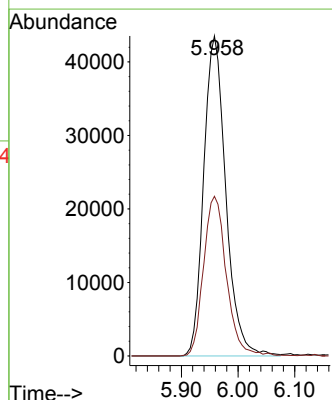
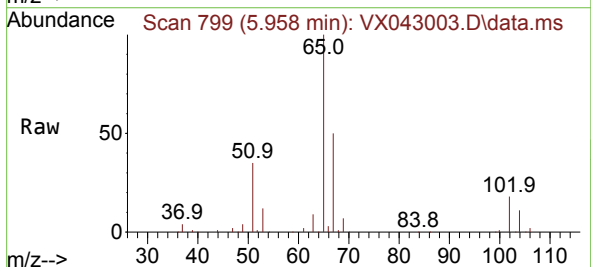
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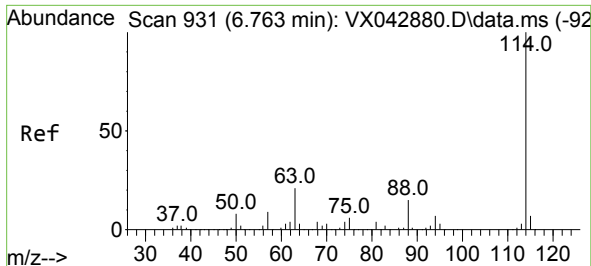
Tgt Ion: 56 Resp: 4070
Ion Ratio Lower Upper
56 100
69 165.6 23.4 35.2#
84 99.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.205 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion: 65 Resp: 117927
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

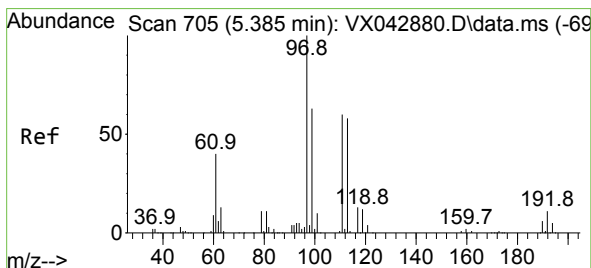
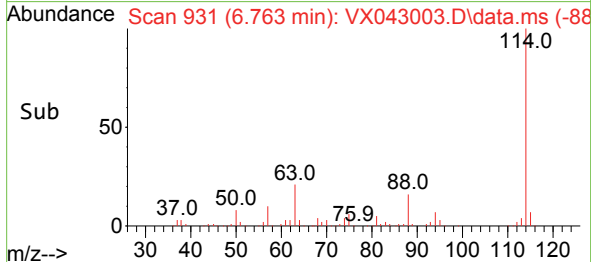
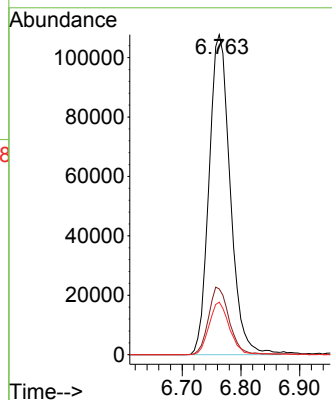
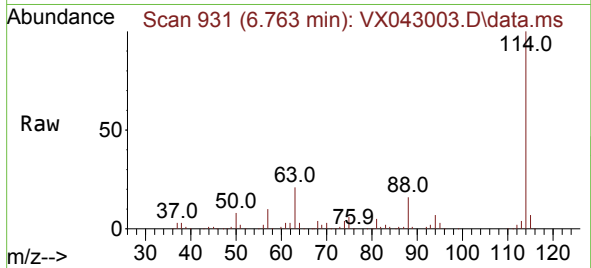




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

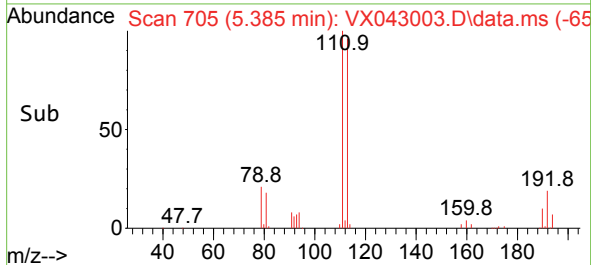
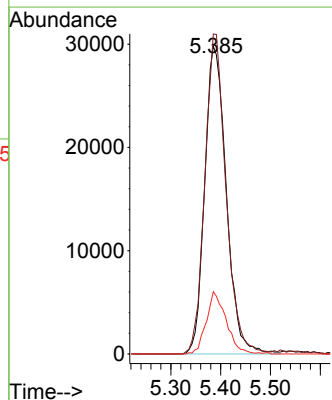
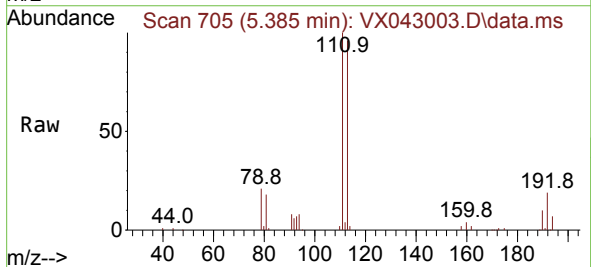
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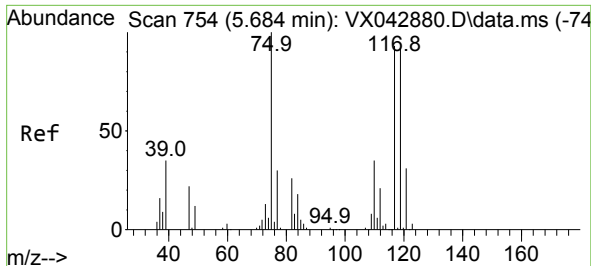
Tgt Ion:114 Resp: 269486
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.939 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion:113 Resp: 89756
Ion Ratio Lower Upper
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111 101.6 82.9 124.3
192 18.7 13.3 19.9

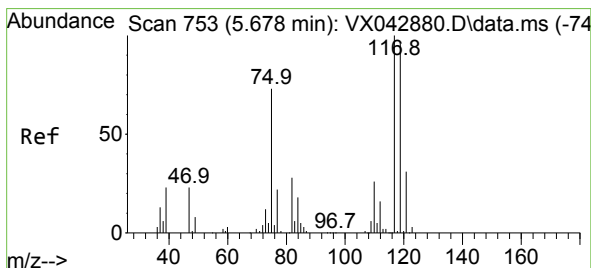
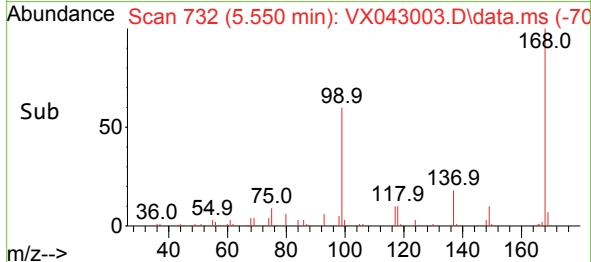
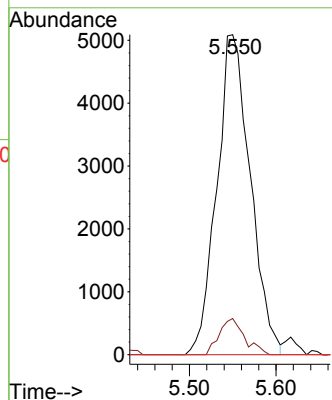
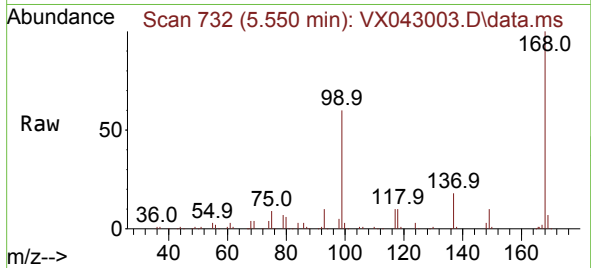




#36
1,1-Dichloropropene
Concen: 5.732 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

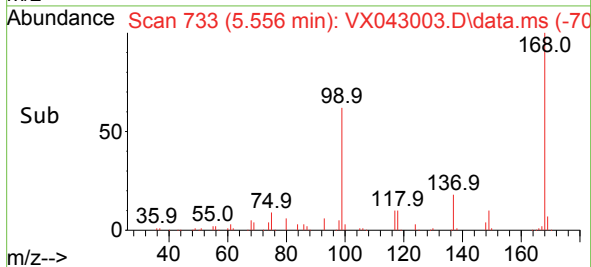
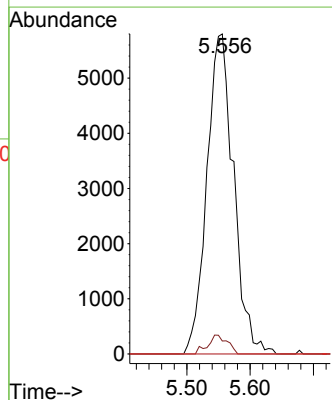
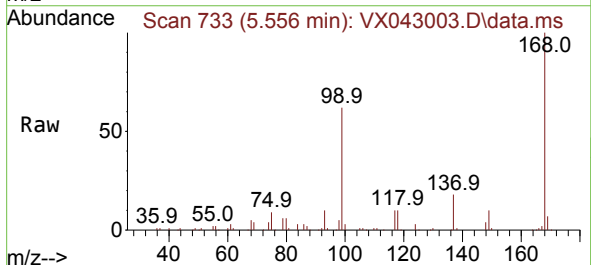
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124DL

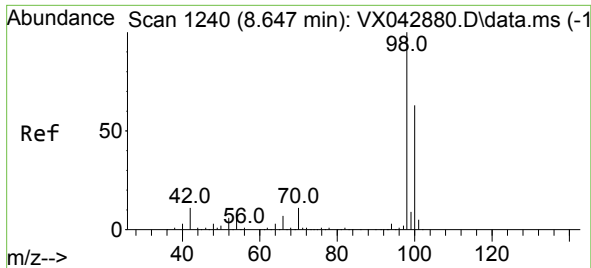
Tgt Ion: 75 Resp: 13693
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion: 117 Resp: 16989
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

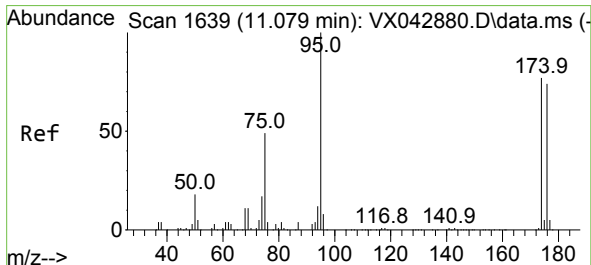
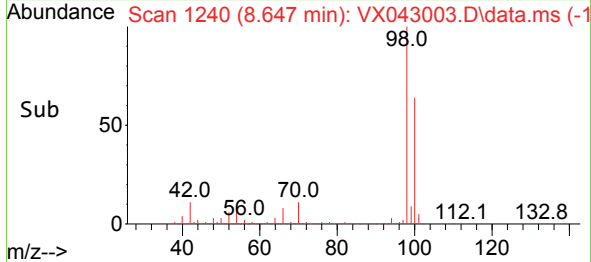
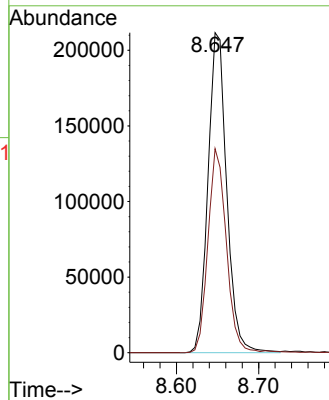
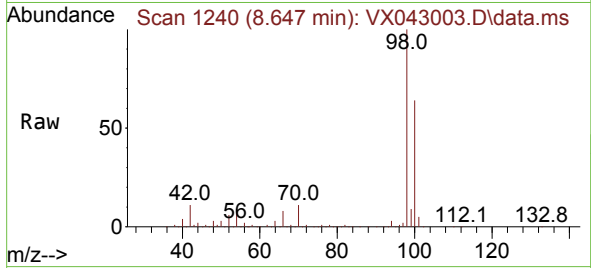




#50
Toluene-d8
Concen: 53.413 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

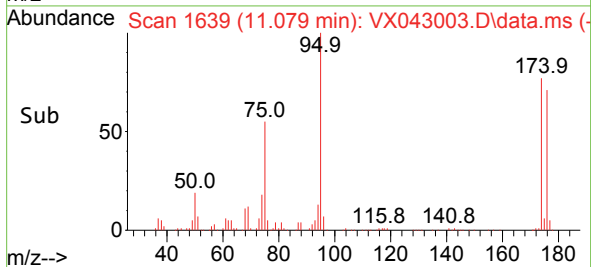
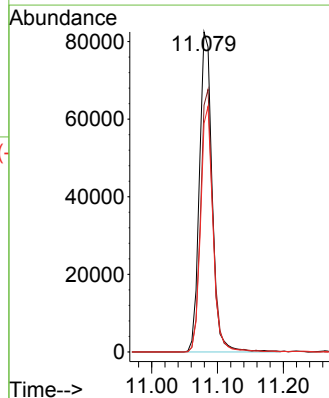
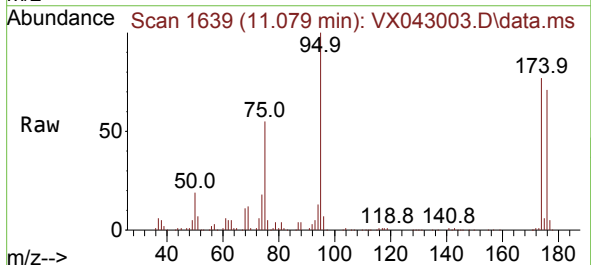
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124DL

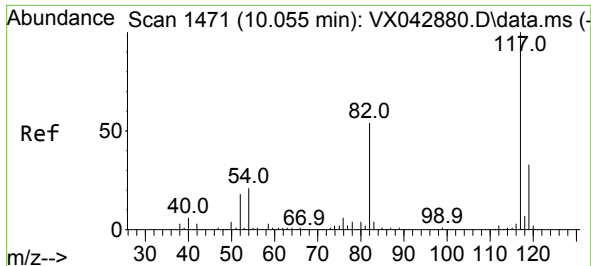
Tgt Ion: 98 Resp: 334112
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion: 95 Resp: 110687
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 75.1 0.0 131.0

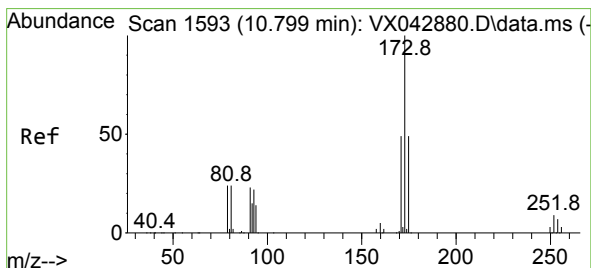
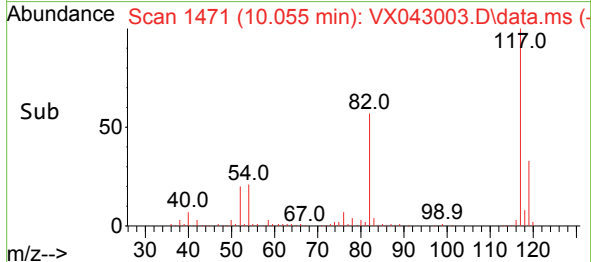
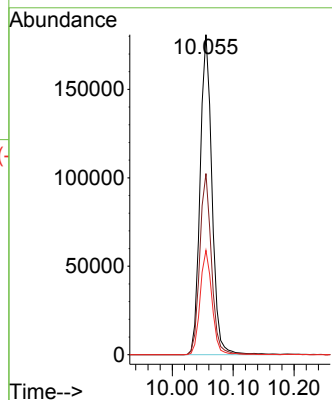
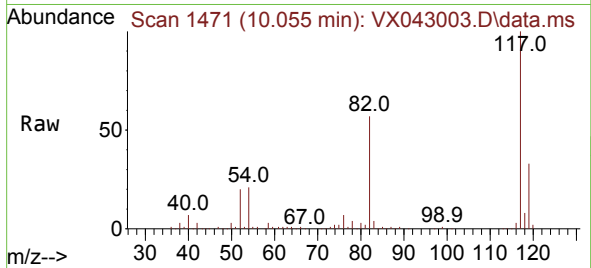




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

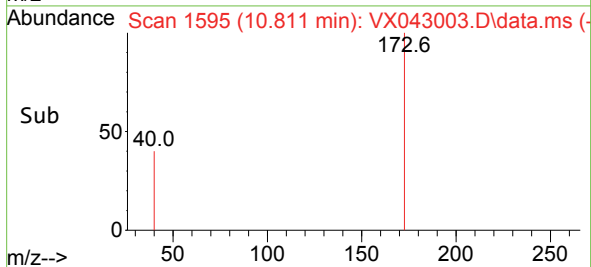
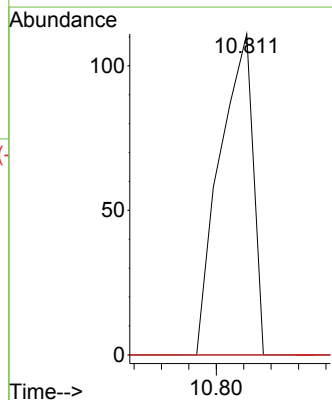
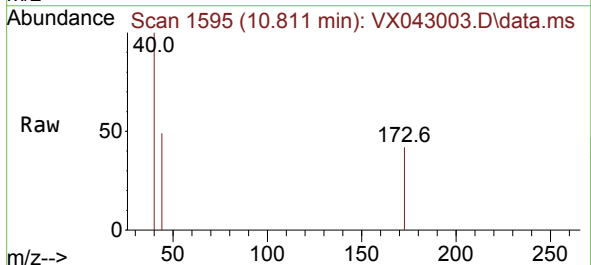
Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124DL

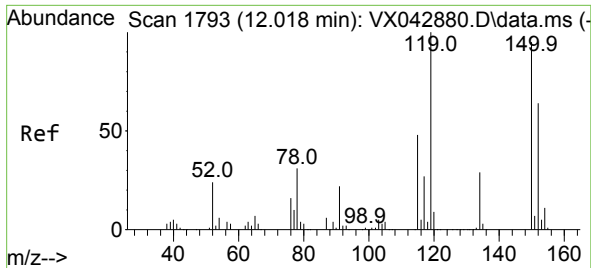
Tgt Ion:117 Resp: 243981
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.6 25.5 38.3



#71
Bromoform
Concen: 0.873 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Tgt Ion:173 Resp: 94
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0

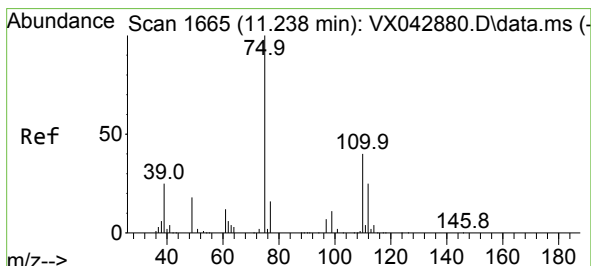
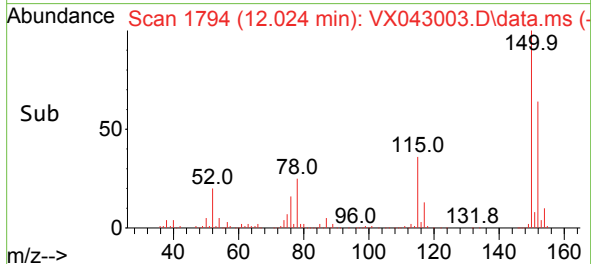
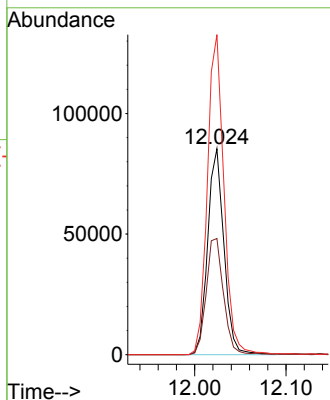
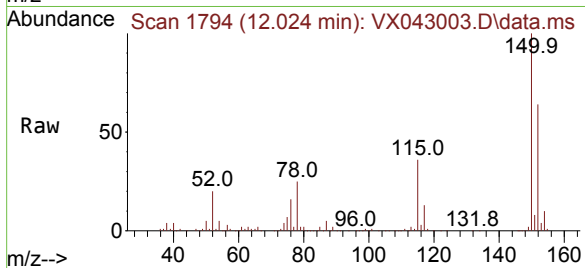




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX043003.D
 Acq: 09 Aug 2024 18:11

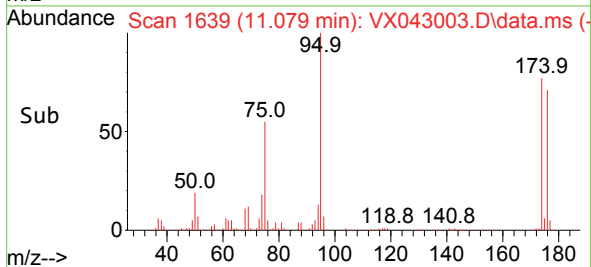
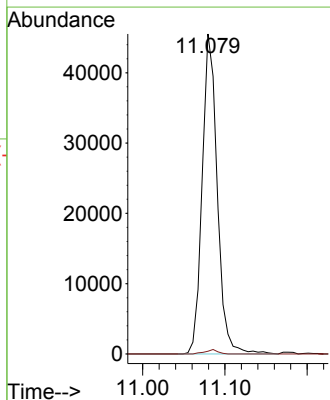
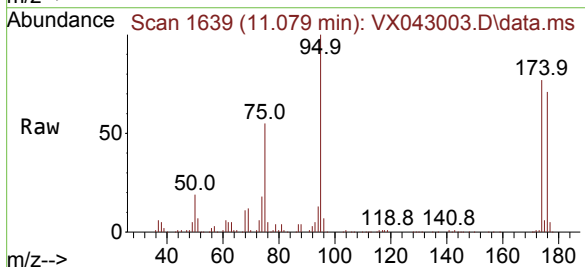
Instrument :
 MSVOA_X
 ClientSampleId :
 925-K1-WPO-0-0.25-073124DL

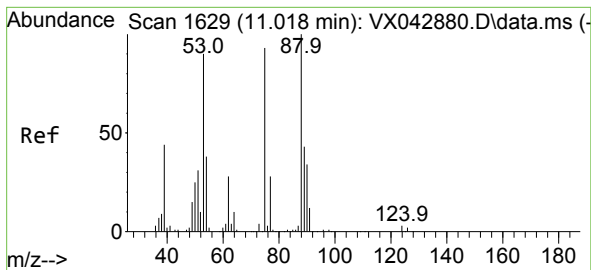
Tgt Ion:152 Resp: 105469
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 158.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.478 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043003.D
 Acq: 09 Aug 2024 18:11

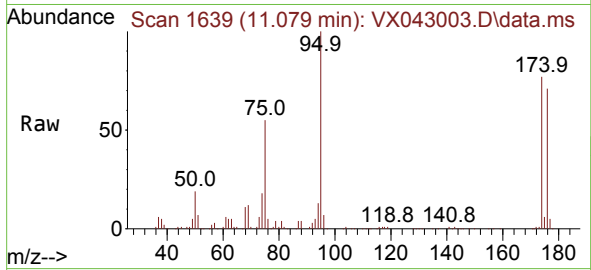
Tgt Ion: 75 Resp: 58062
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.592 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX043003.D
Acq: 09 Aug 2024 18:11

Instrument :
MSVOA_X
ClientSampleId :
925-K1-WPO-0-0.25-073124DL



Tgt Ion: 75 Resp: 58062
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.1 36.9 55.3#

