

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042824.D
 Acq On : 02 Aug 2024 04:38
 Operator : JC/MD
 Sample : P3430-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 926-K1-WPO-0-0.25-073124

Quant Time: Aug 02 05:44:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

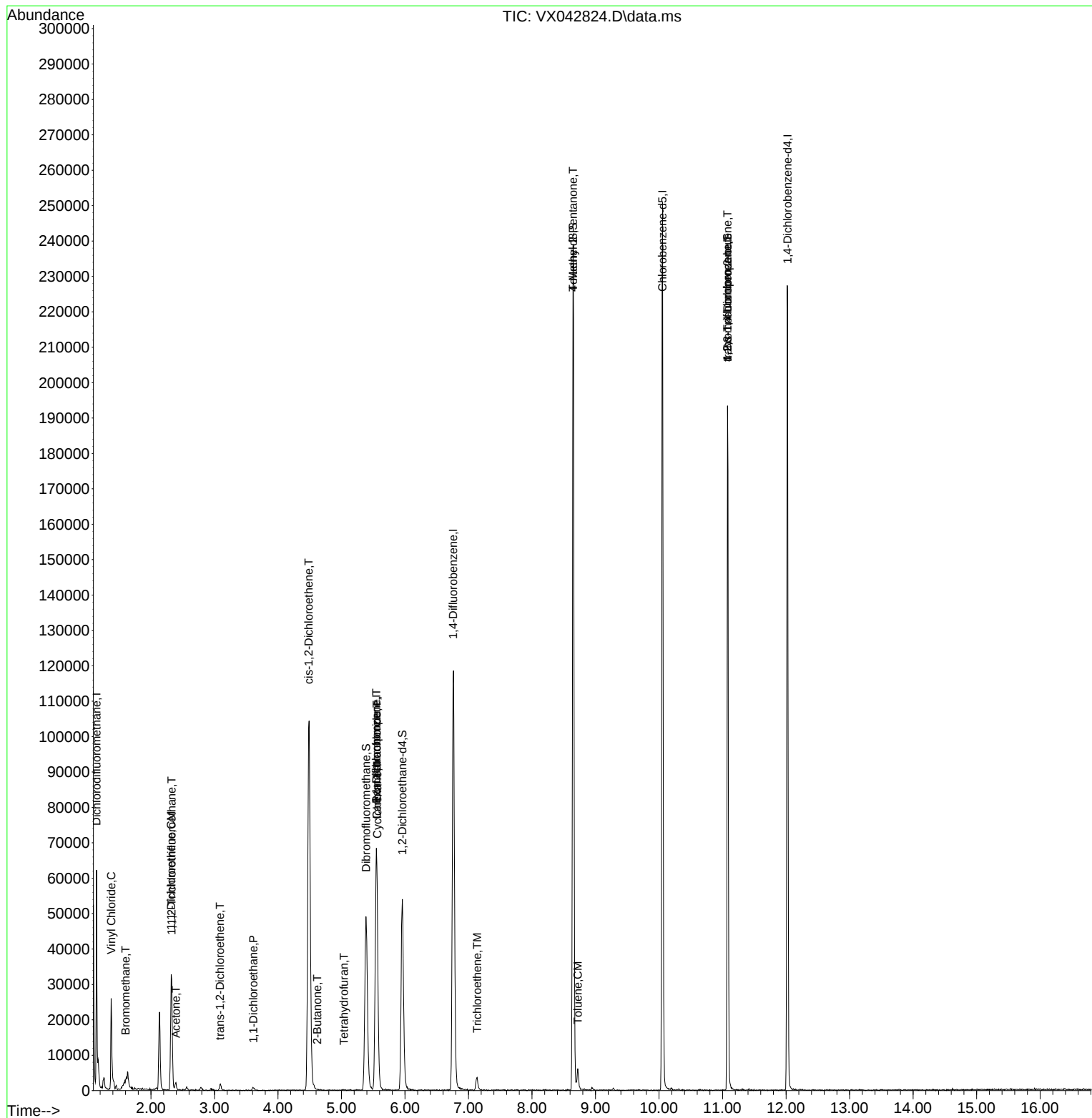
Internal Standards						
1) Pentafluorobenzene	5.550	168	60113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54584	56.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.040%
35) Dibromofluoromethane	5.385	113	43439	51.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.460%
50) Toluene-d8	8.647	98	145296	47.211	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.420%
62) 4-Bromofluorobenzene	11.079	95	52915	47.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.142	85	5174	5.431	ug/l	99
3) Chloromethane	1.294	50	353	Below Cal	#	43
4) Vinyl Chloride	1.374	62	17765	23.826	ug/l	94
5) Bromomethane	1.599	94	91	0.354	ug/l #	3
9) 1,1,2-Trichlorotrifluo...	2.325	101	12691	16.813	ug/l	96
11) Tert butyl alcohol	2.947	59	114	Below Cal	#	78
12) 1,1-Dichloroethene	2.319	96	279	0.381	ug/l #	32
16) Acetone	2.392	43	2285	6.516	ug/l #	80
20) Methylene Chloride	2.788	84	434	Below Cal	#	71
21) trans-1,2-Dichloroethene	3.087	96	826	1.094	ug/l #	66
24) 1,1-Dichloroethane	3.611	63	1086	0.829	ug/l #	83
25) 2-Butanone	4.617	43	121	0.235	ug/l #	51
27) cis-1,2-Dichloroethene	4.483	96	69370	78.608	ug/l	80
29) Tetrahydrofuran	5.038	42	83	0.259	ug/l #	34
31) Cyclohexane	5.562	56	1546	1.453	ug/l #	70
36) 1,1-Dichloropropene	5.550	75	5295	4.816	ug/l #	51
38) Carbon Tetrachloride	5.556	117	6744	5.322	ug/l #	16
44) Trichloroethene	7.135	130	1519	1.682	ug/l	73
51) 4-Methyl-2-Pentanone	8.647	43	532	0.458	ug/l #	1
52) Toluene	8.720	92	2273	1.015	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	28695	26.340	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	28695	77.961	ug/l #	5

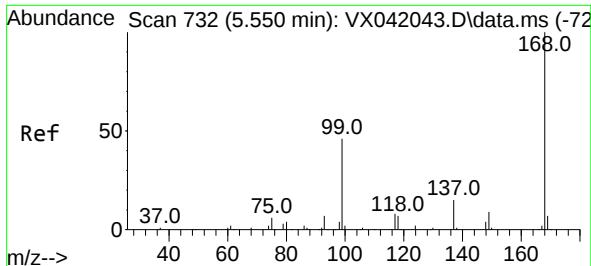
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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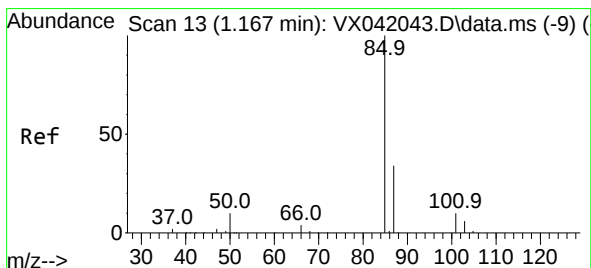
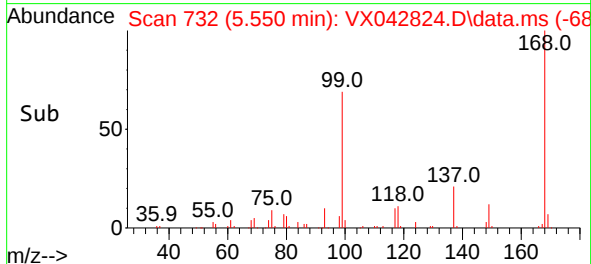
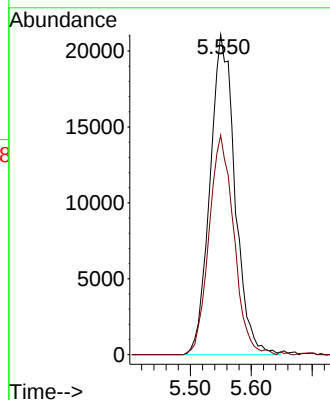
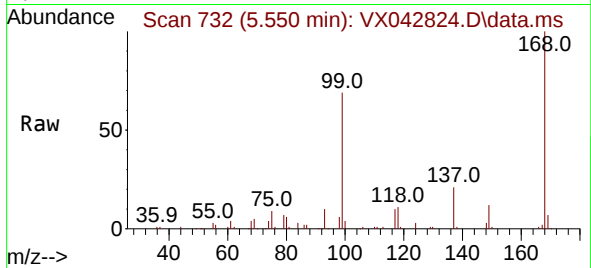




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

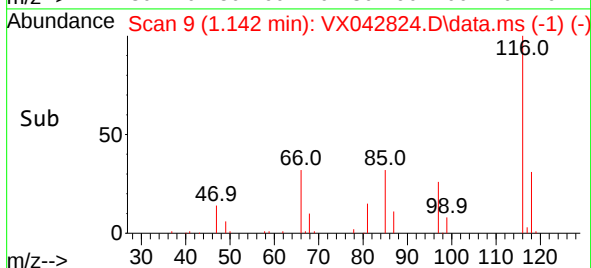
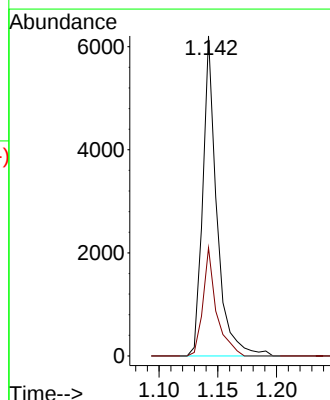
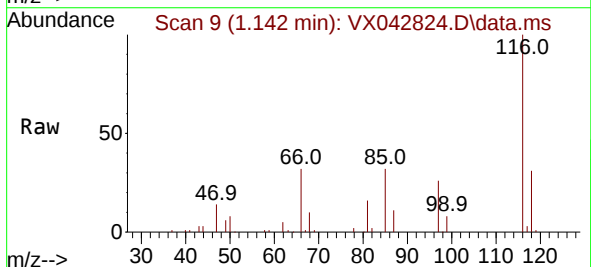
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WPO-0-0.25-073124

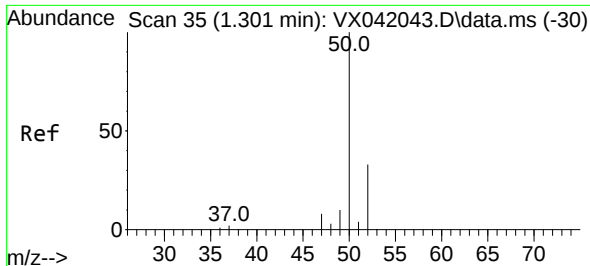
Tgt Ion:168 Resp: 60113
Ion Ratio Lower Upper
168 100
99 68.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 5.431 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion: 85 Resp: 5174
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.1

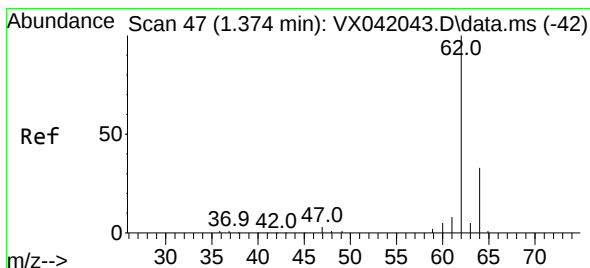
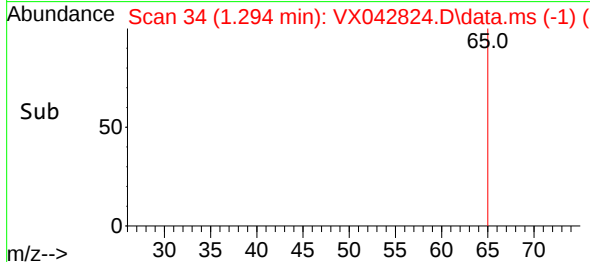
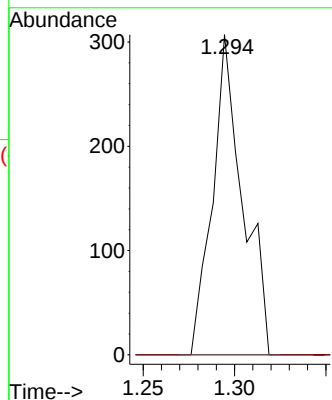
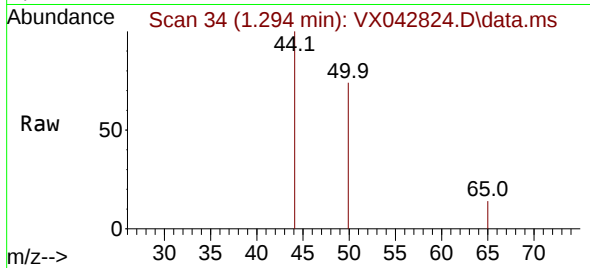




#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

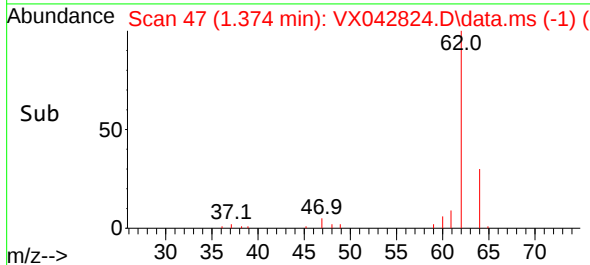
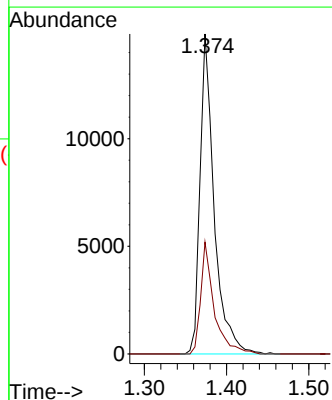
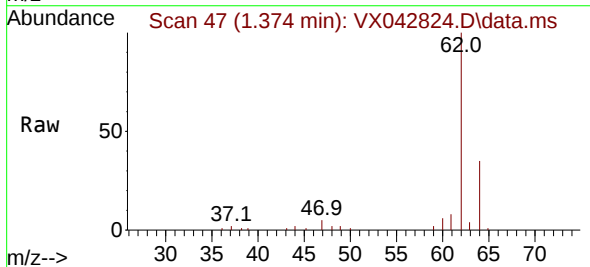
Instrument : MSVOA_X
ClientSampleId : 926-K1-WPO-0-0.25-073124

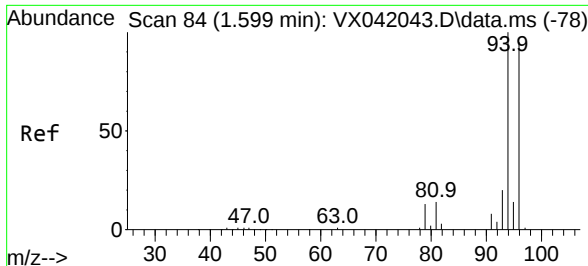
Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#4
Vinyl Chloride
Concen: 23.826 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion: 62 Resp: 17765
Ion Ratio Lower Upper
62 100
64 35.0 25.4 38.0

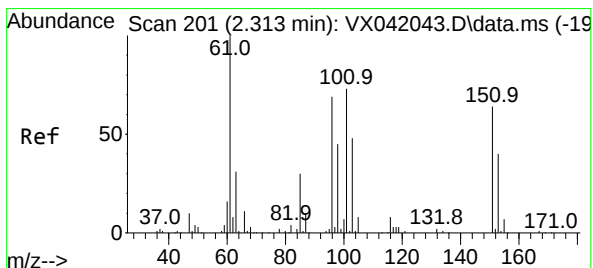
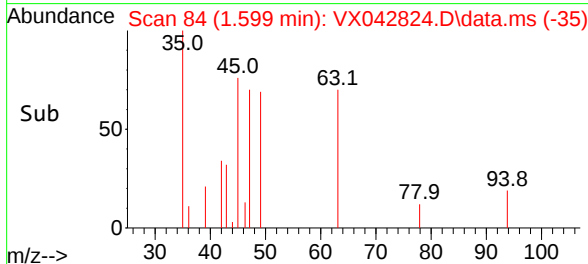
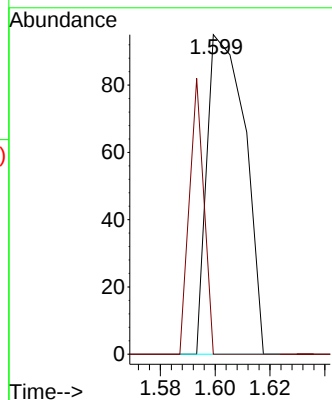
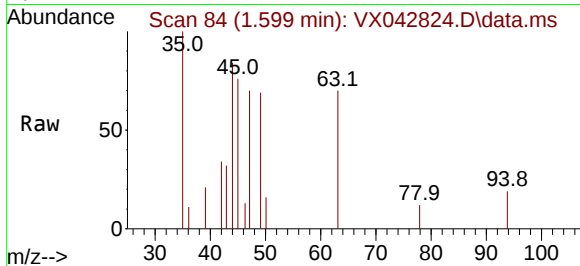




#5
Bromomethane
Concen: 0.354 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

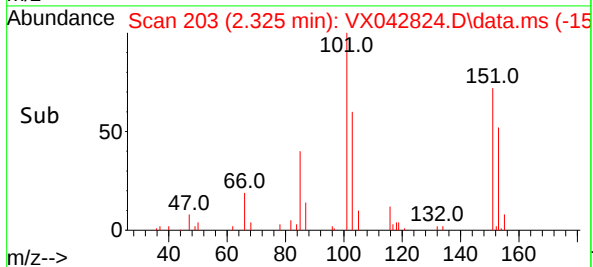
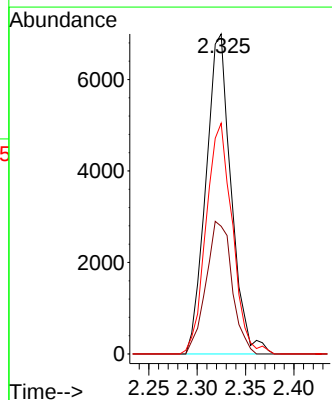
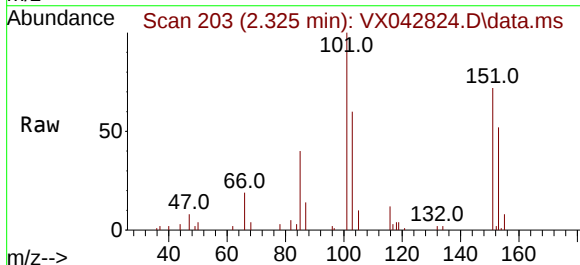
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WPO-0-0.25-073124

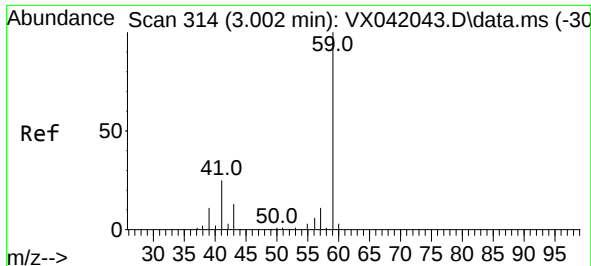
Tgt Ion: 94 Resp: 91
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.813 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.013 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion:101 Resp: 12691
Ion Ratio Lower Upper
101 100
85 42.8 37.0 55.6
151 75.2 58.6 87.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.060 min

Lab File: VX042824.D

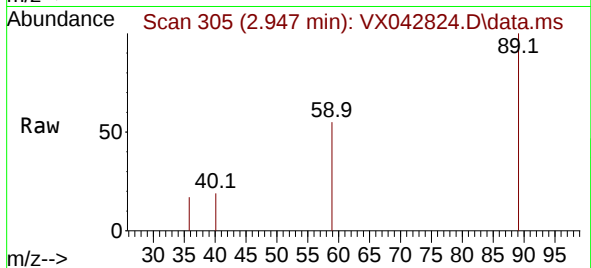
Acq: 02 Aug 2024 04:38

Instrument :

MSVOA_X

ClientSampleId :

926-K1-WPO-0-0.25-073124

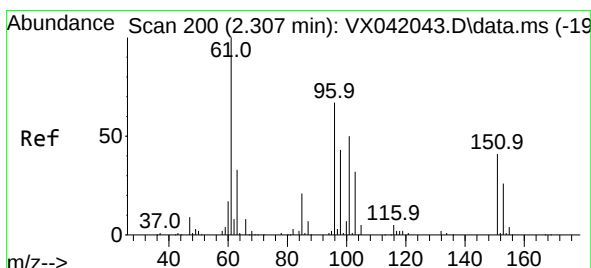
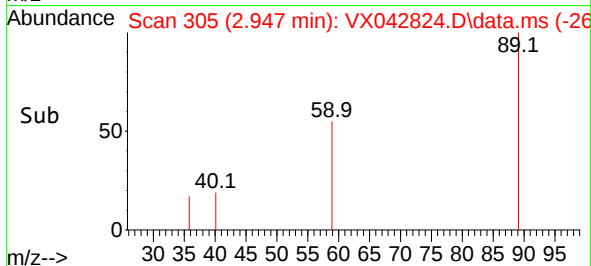
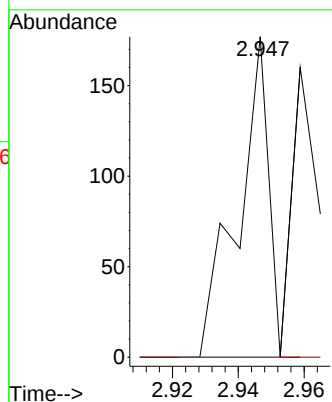


Tgt Ion: 59 Resp: 114

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.381 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.013 min

Lab File: VX042824.D

Acq: 02 Aug 2024 04:38

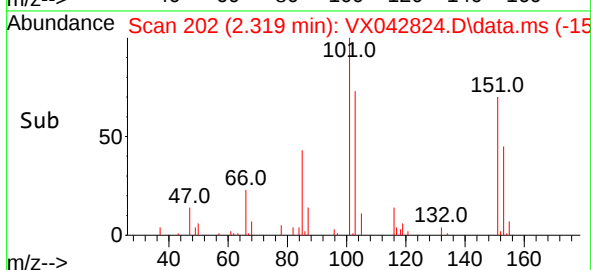
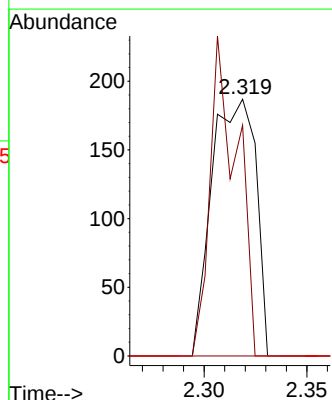
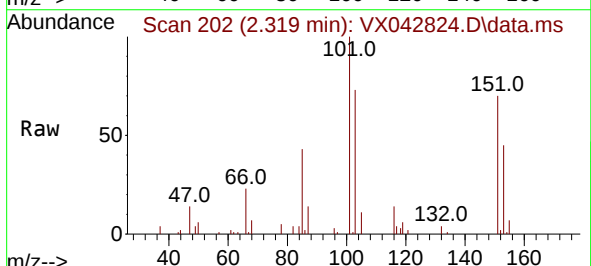
Tgt Ion: 96 Resp: 279

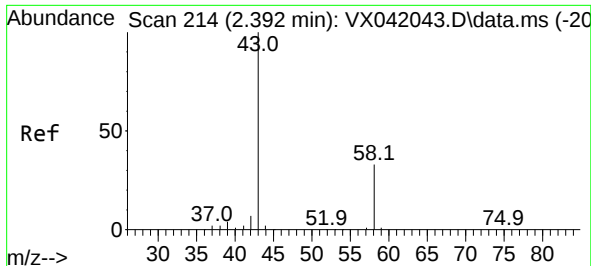
Ion Ratio Lower Upper

96 100

61 89.8 144.6 216.8#

98 0.0 50.4 75.6#

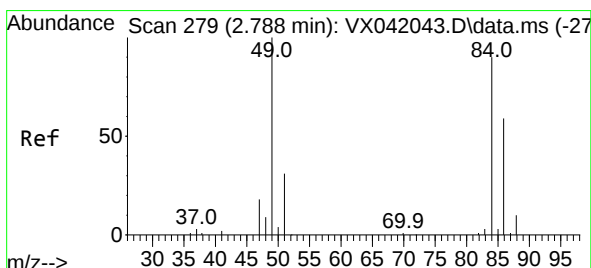
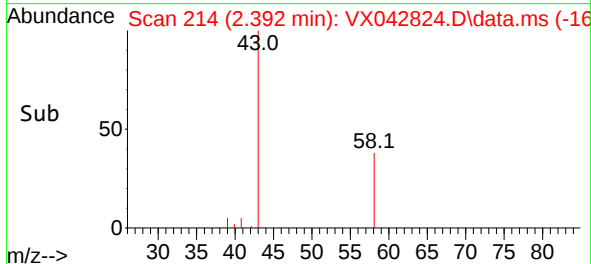
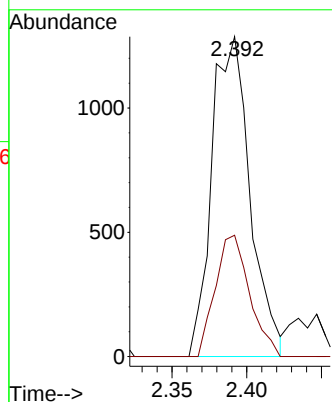
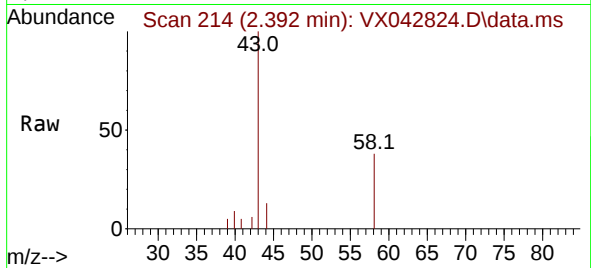




#16
Acetone
Concen: 6.516 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

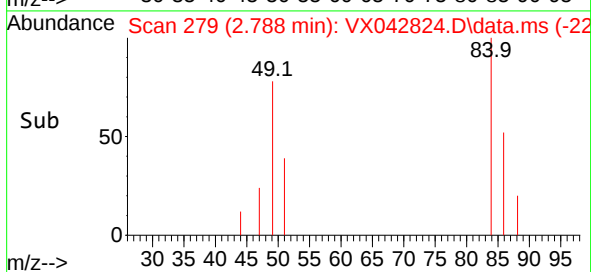
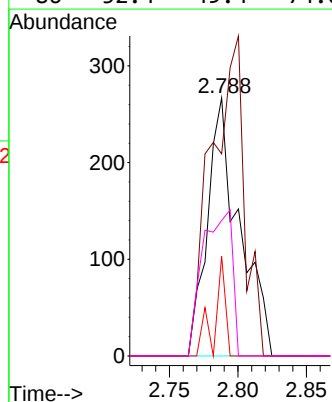
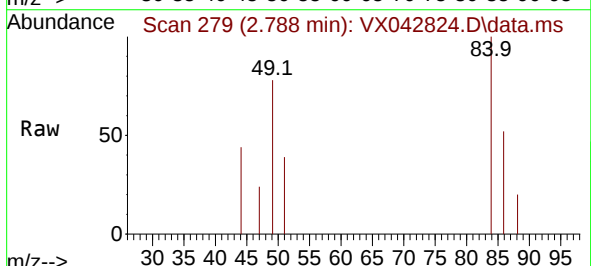
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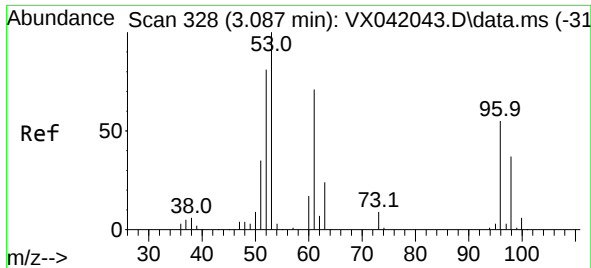
Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 37.9 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion: 84 Resp: 434
Ion Ratio Lower Upper
84 100
49 78.3 103.6 155.4#
51 38.6 33.8 50.6
86 52.4 49.4 74.0

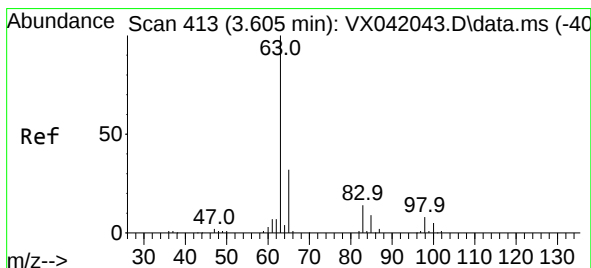
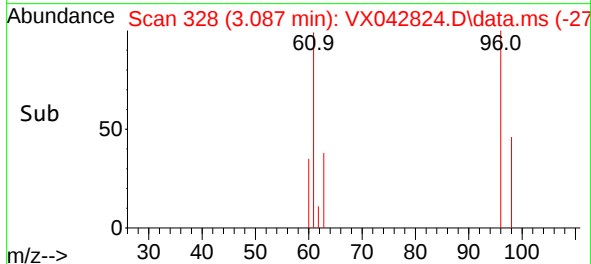
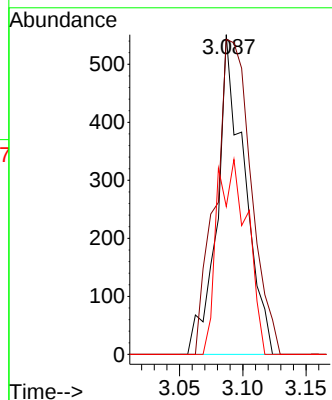
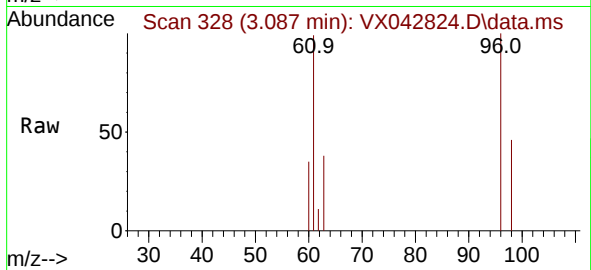




#21
trans-1,2-Dichloroethene
Concen: 1.094 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

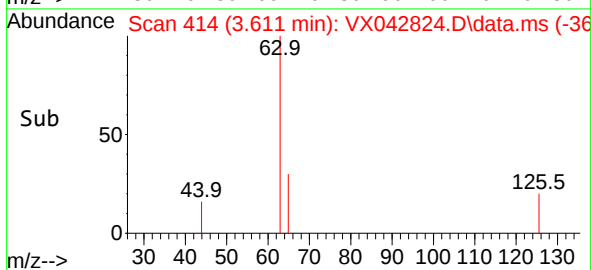
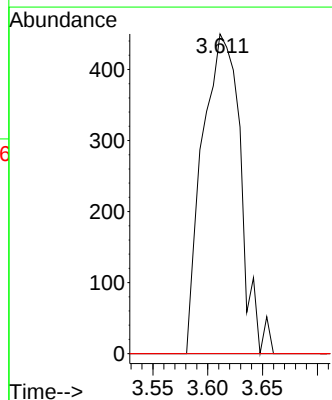
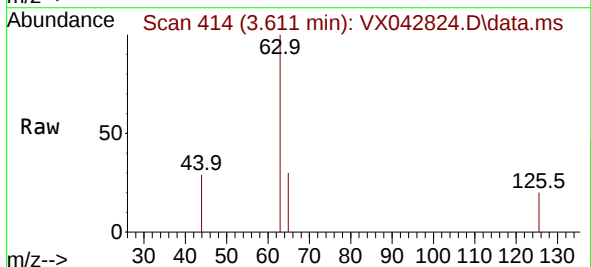
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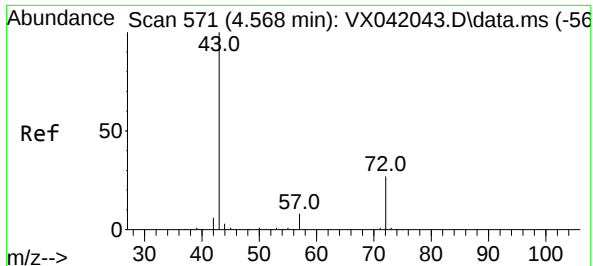
Tgt Ion: 96 Resp: 826
Ion Ratio Lower Upper
96 100
61 98.5 119.2 178.8#
98 46.3 48.7 73.1#



#24
1,1-Dichloroethane
Concen: 0.829 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion: 63 Resp: 1086
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

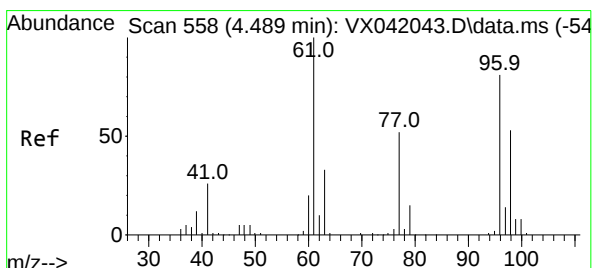
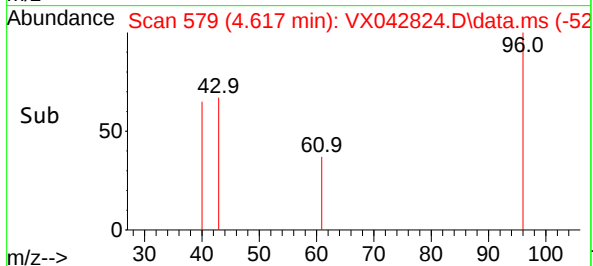
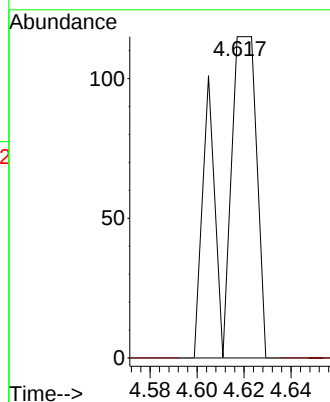
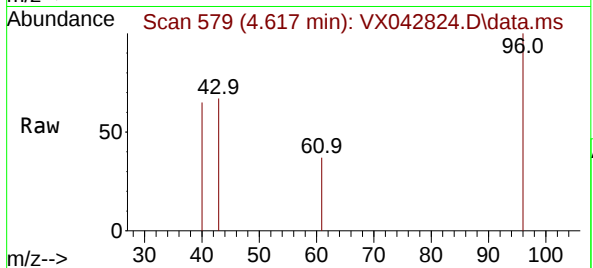




#25
2-Butanone
Concen: 0.235 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

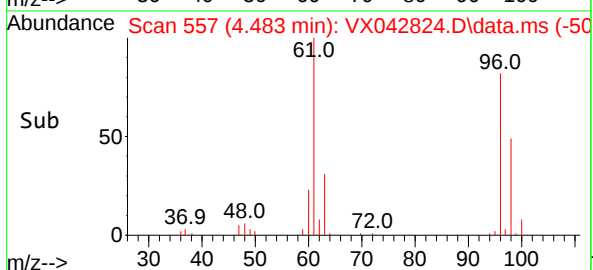
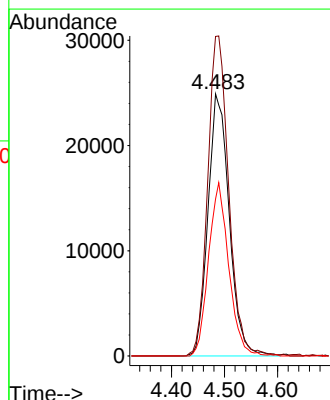
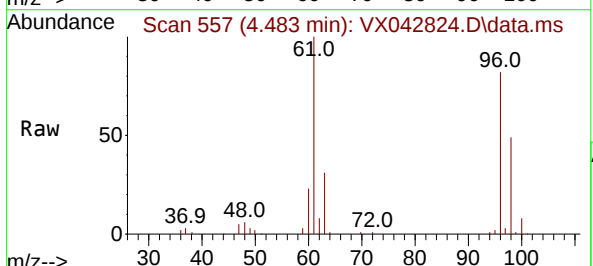
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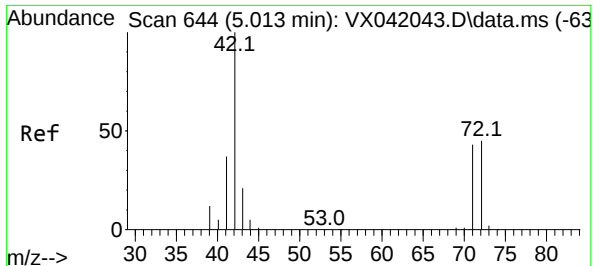
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 78.608 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion: 96 Resp: 69370
Ion Ratio Lower Upper
96 100
61 120.7 0.0 312.2
98 62.8 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.259 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX042824.D

Acq: 02 Aug 2024 04:38

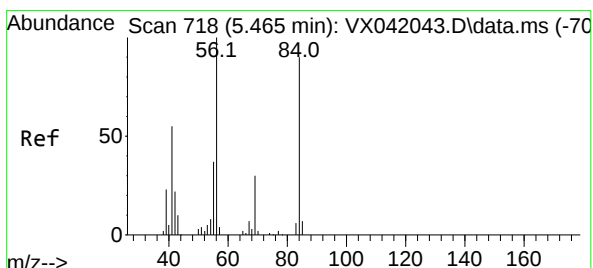
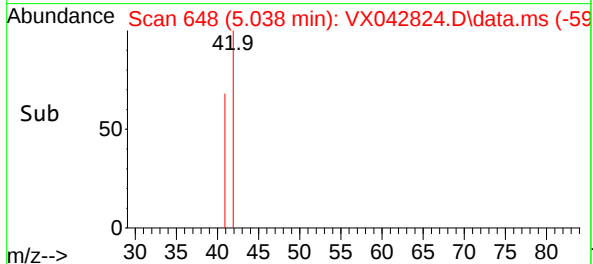
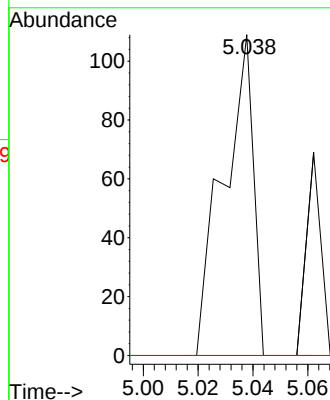
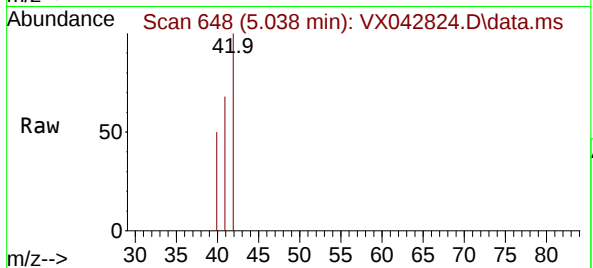
Instrument :

MSVOA_X

ClientSampleId :

926-K1-WPO-0-0.25-073124

Tgt Ion:	42	Resp:	83
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.453 ug/l

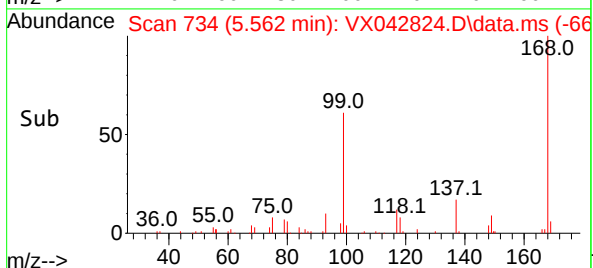
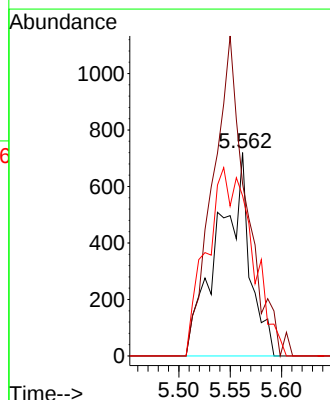
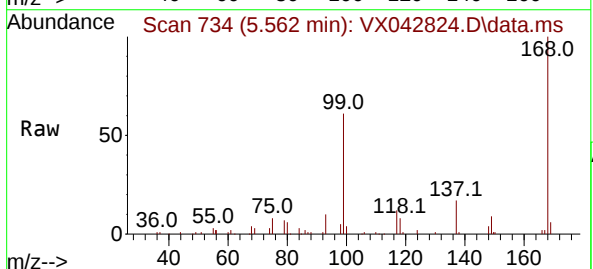
RT: 5.562 min Scan# 734

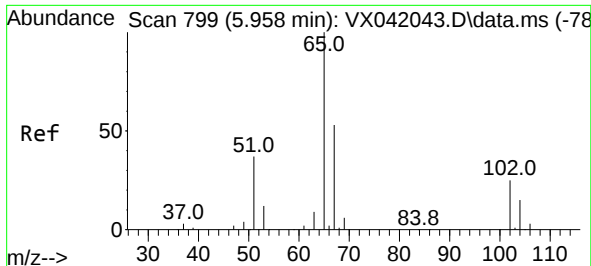
Delta R.T. 0.098 min

Lab File: VX042824.D

Acq: 02 Aug 2024 04:38

Tgt Ion:	56	Resp:	1546
Ion	Ratio	Lower	Upper
56	100		
69	84.6	23.4	35.2#
84	78.8	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 56.519 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042824.D

Acq: 02 Aug 2024 04:38

Instrument :

MSVOA_X

ClientSampleId :

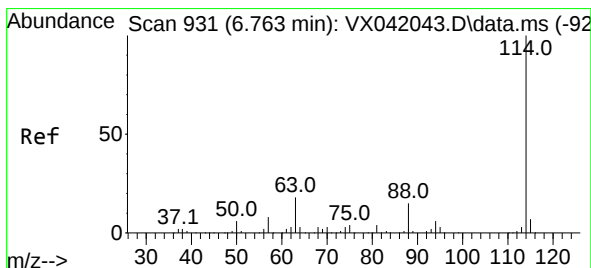
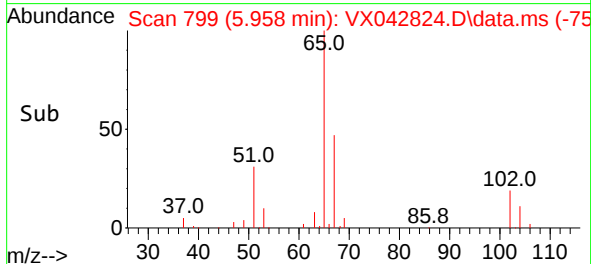
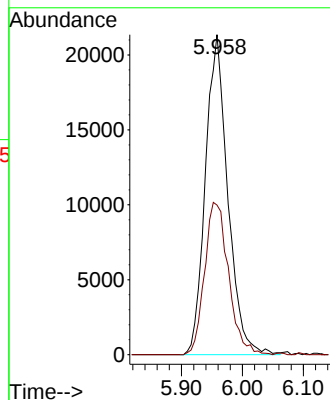
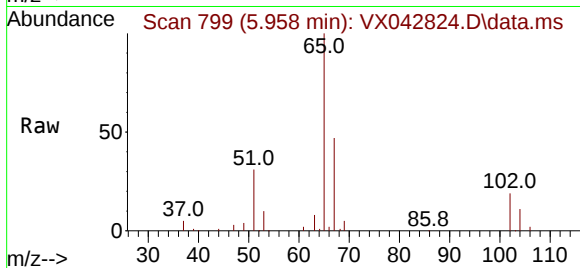
926-K1-WPO-0-0.25-073124

Tgt Ion: 65 Resp: 54584

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042824.D

Acq: 02 Aug 2024 04:38

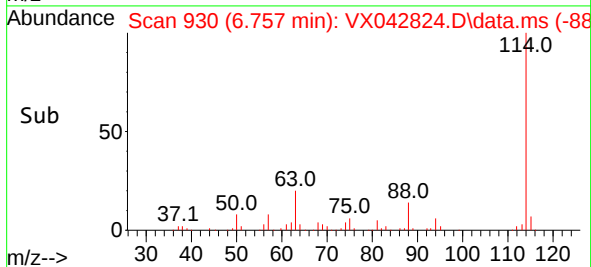
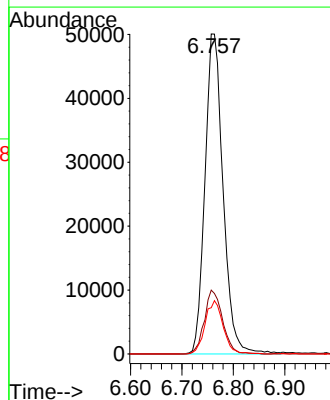
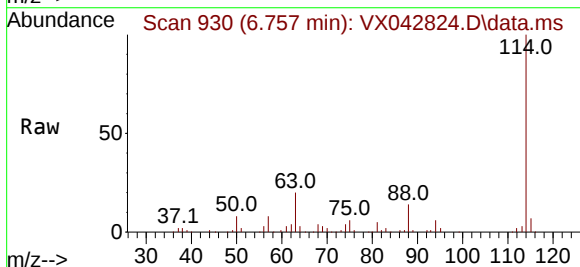
Tgt Ion: 114 Resp: 122737

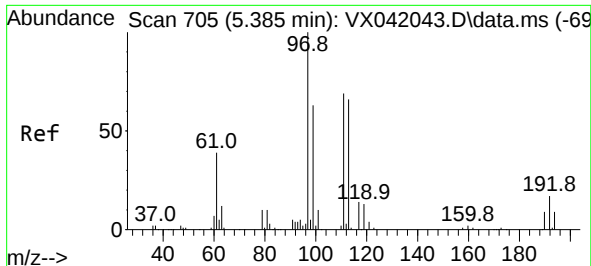
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 14.4 0.0 36.6

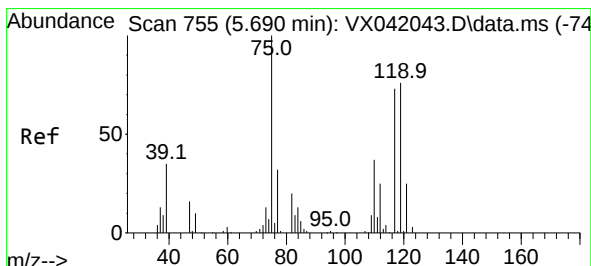
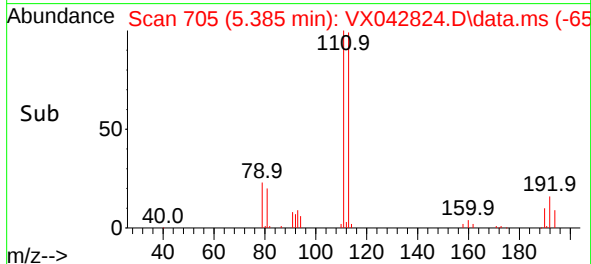
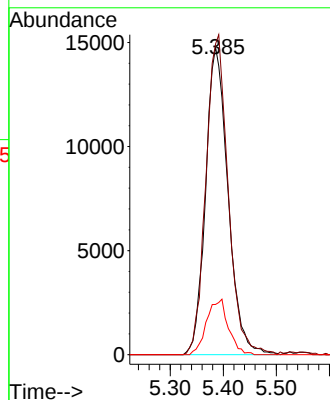
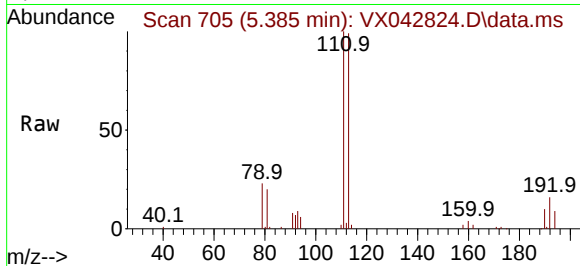




#35
Dibromofluoromethane
Concen: 51.232 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

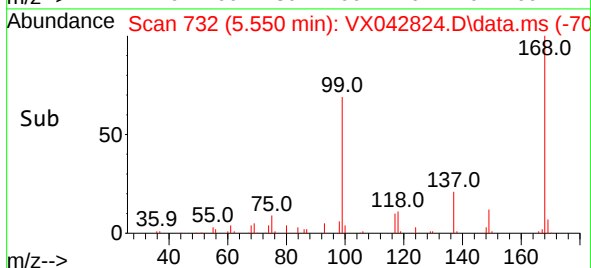
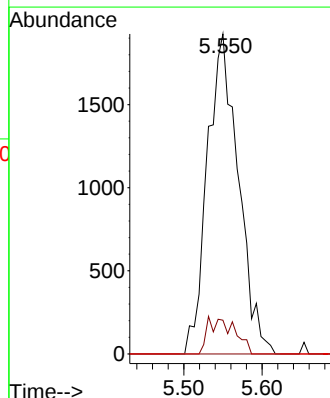
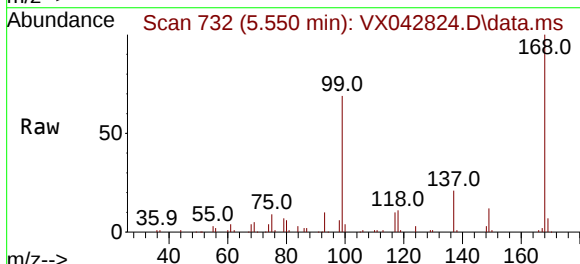
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WPO-0-0.25-073124

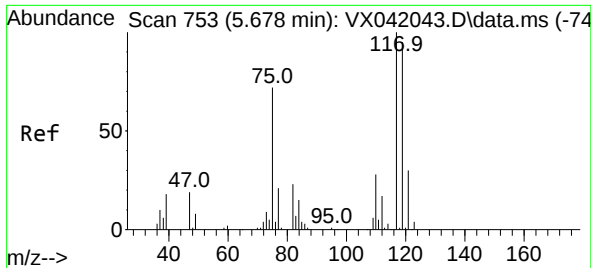
Tgt Ion:	113	Resp:	43439
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	17.5	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

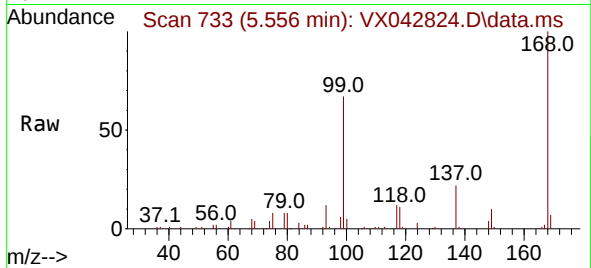
Tgt Ion:	75	Resp:	5295
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.7	37.1#



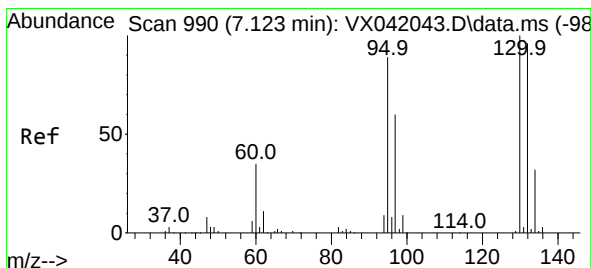
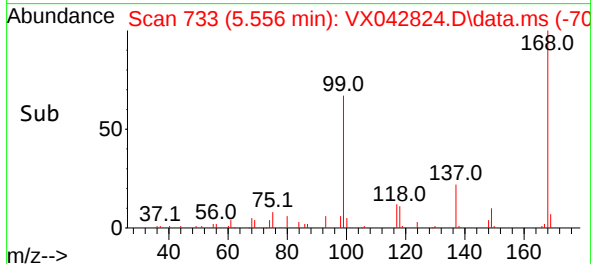
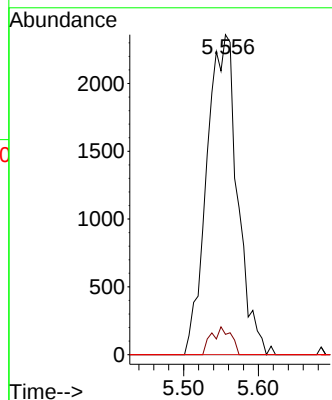


#38
Carbon Tetrachloride
Concen: 5.322 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Instrument :
MSVOA_X
ClientSampleId :
926-K1-WPO-0-0.25-073124

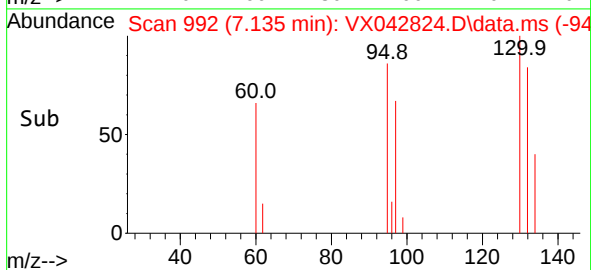
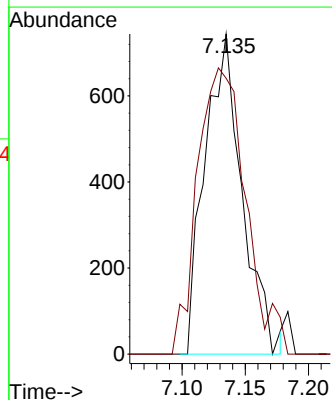
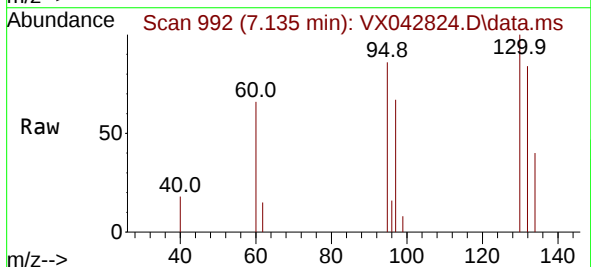


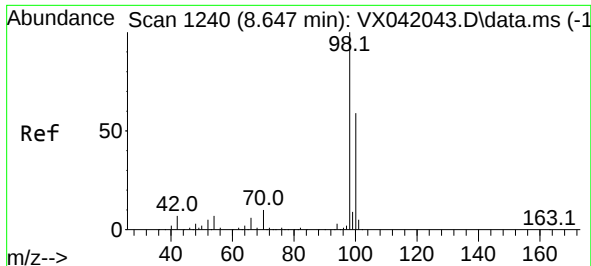
Tgt Ion:117 Resp: 6744
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.682 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion:130 Resp: 1519
Ion Ratio Lower Upper
130 100
95 74.6 0.0 204.4

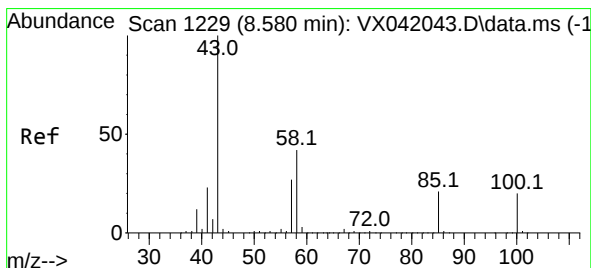
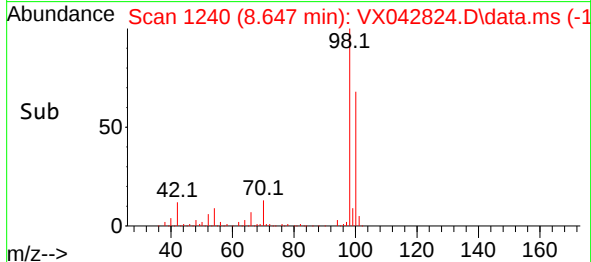
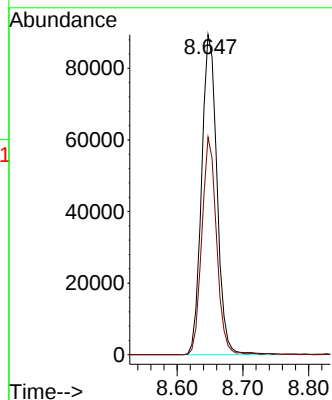
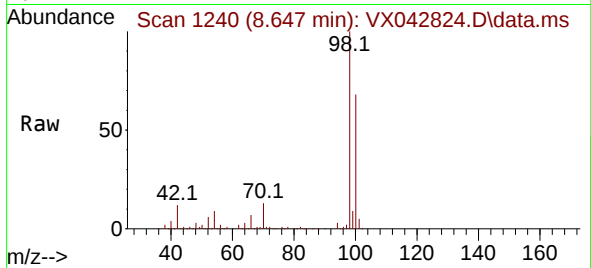




#50
Toluene-d8
Concen: 47.211 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

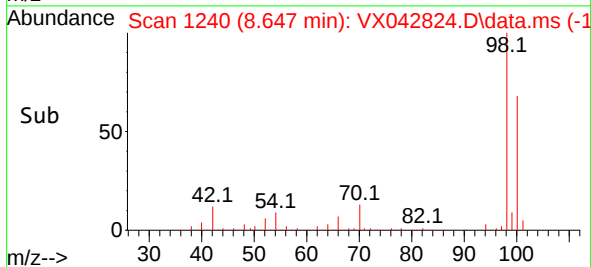
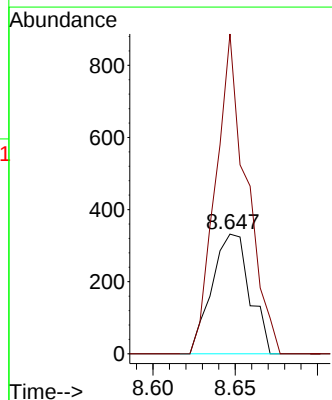
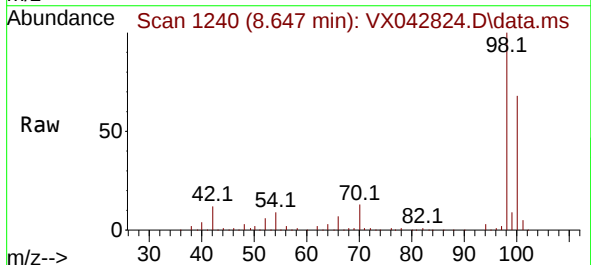
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WPO-0-0.25-073124

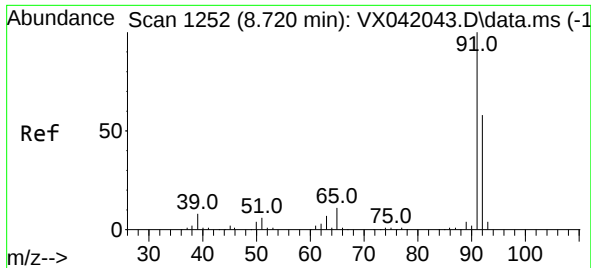
Tgt Ion: 98 Resp: 145296
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
58 218.4 30.4 45.6#

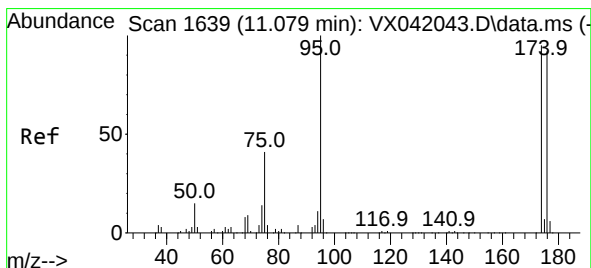
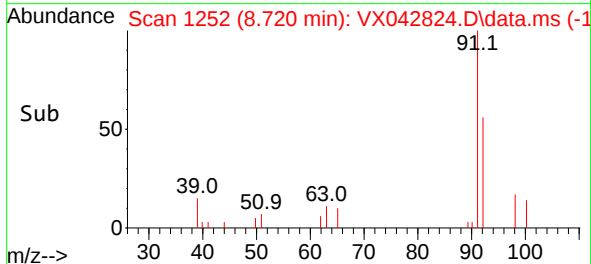
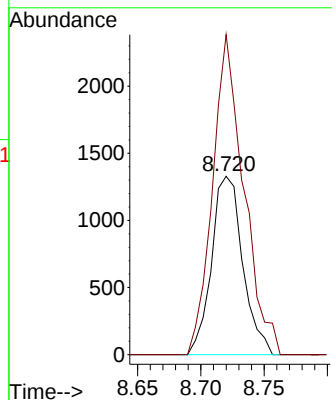
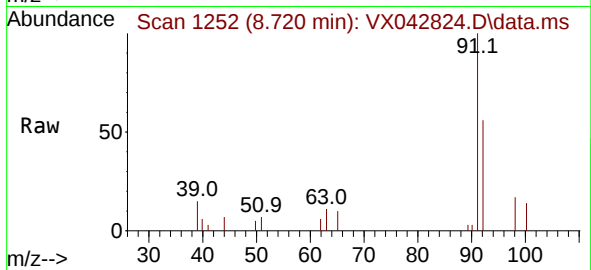




#52
Toluene
Concen: 1.015 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

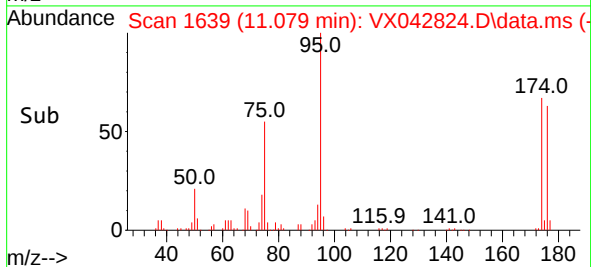
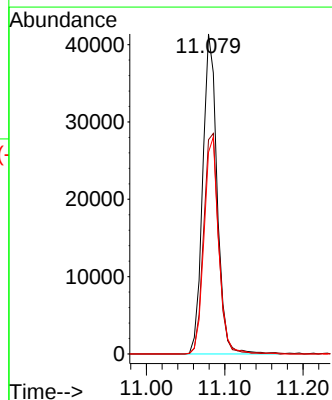
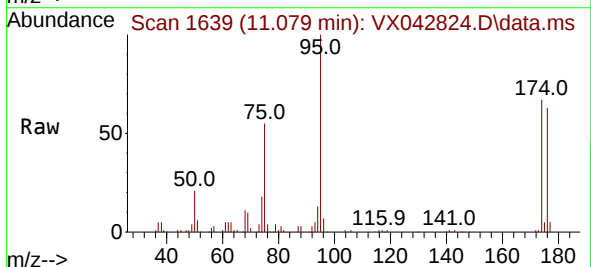
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WPO-0-0.25-073124

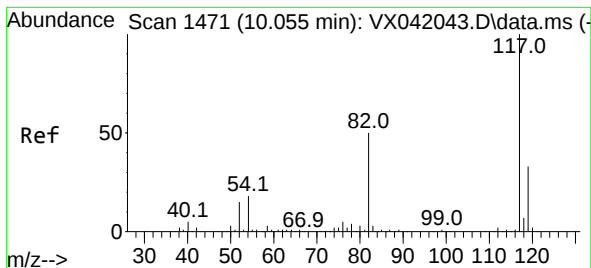
Tgt Ion: 92 Resp: 2273
Ion Ratio Lower Upper
92 100
91 179.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 47.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042824.D
Acq: 02 Aug 2024 04:38

Tgt Ion: 95 Resp: 52915
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 68.9 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: VX042824.D

Acq: 02 Aug 2024 04:38

Instrument :

MSVOA_X

ClientSampleId :

926-K1-WPO-0-0.25-073124

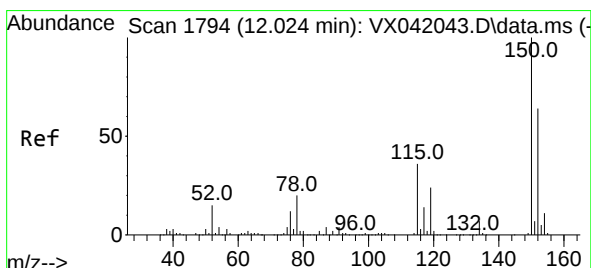
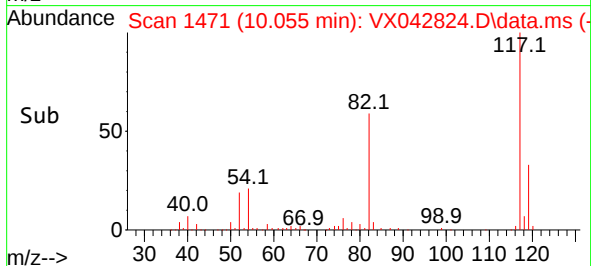
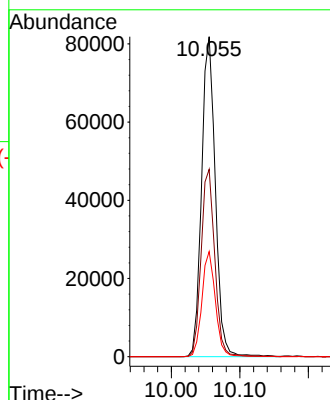
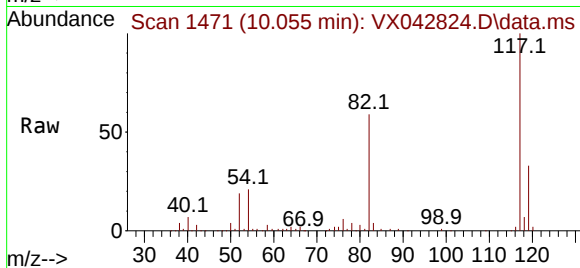
Tgt Ion:117 Resp: 114330

Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

119 32.8 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: VX042824.D

Acq: 02 Aug 2024 04:38

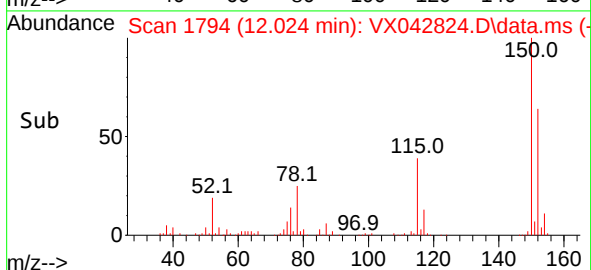
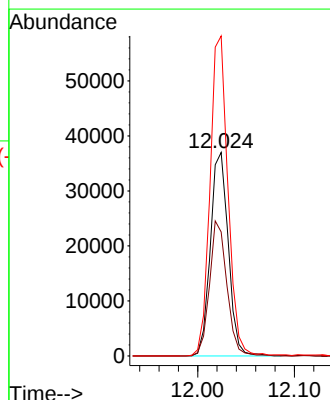
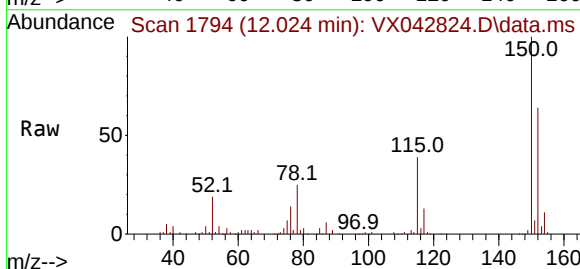
Tgt Ion:152 Resp: 47676

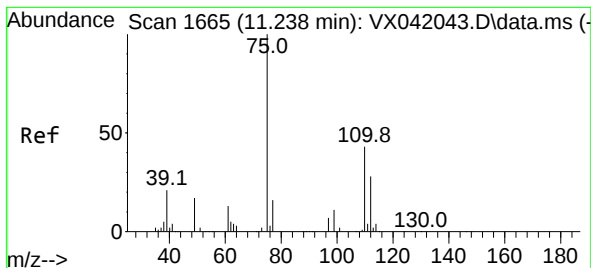
Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042824.D

Acq: 02 Aug 2024 04:38

Instrument :

MSVOA_X

ClientSampleId :

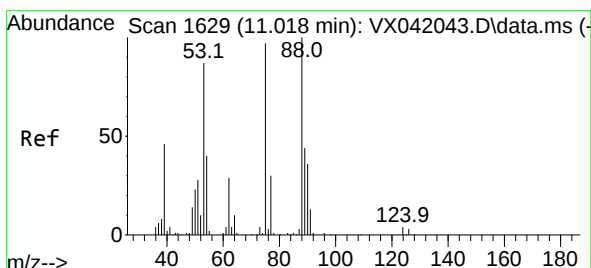
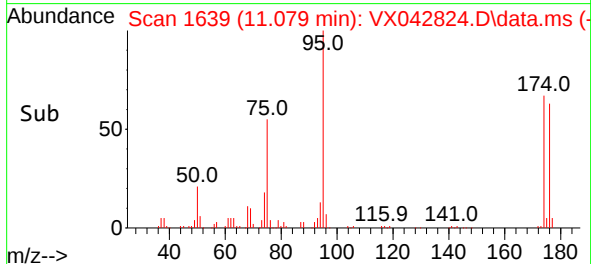
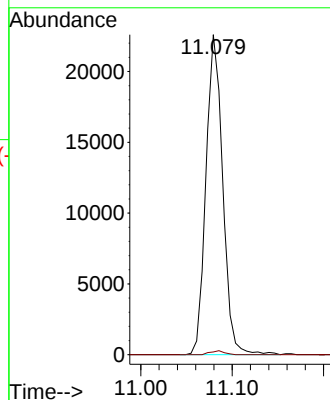
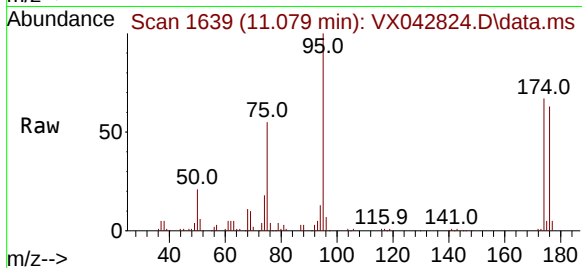
926-K1-WPO-0-0.25-073124

Tgt Ion: 75 Resp: 28695

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.961 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042824.D

Acq: 02 Aug 2024 04:38

Tgt Ion: 75 Resp: 28695

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

