

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042827.D
 Acq On : 02 Aug 2024 05:48
 Operator : JC/MD
 Sample : P3429-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 926-K1-WS-073124

Quant Time: Aug 02 08:30:19 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)

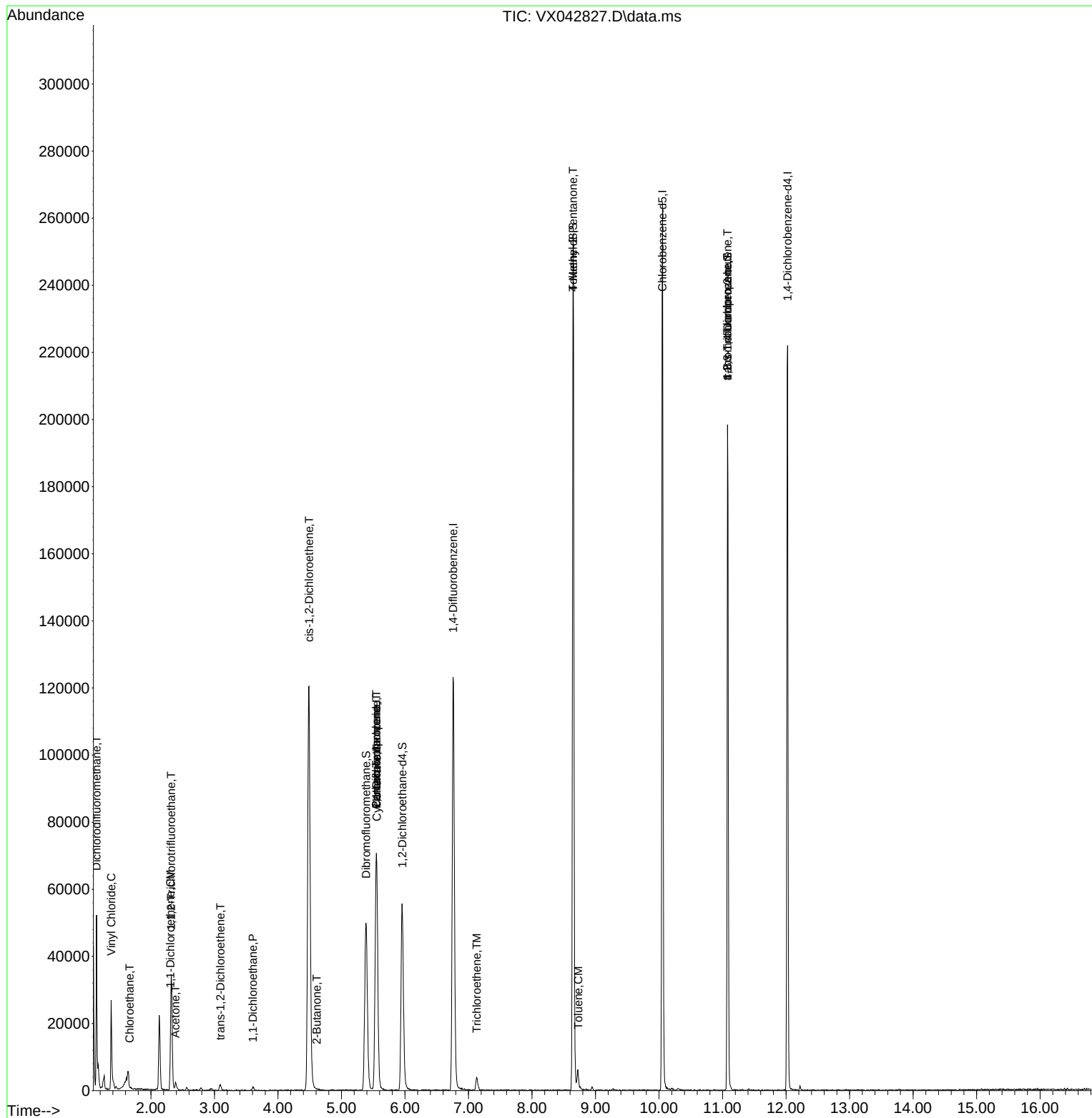
Internal Standards						
1) Pentafluorobenzene	5.550	168	63338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55977	55.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.020%	
35) Dibromofluoromethane	5.385	113	44232	50.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	8.647	98	151857	47.617	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.240%	
62) 4-Bromofluorobenzene	11.079	95	53455	45.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.142	85	4559	4.542	ug/l	99
3) Chloromethane	1.307	50	238	Below Cal	#	43
4) Vinyl Chloride	1.374	62	17066	21.723	ug/l	98
6) Chloroethane	1.666	64	173	0.610	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	13179	16.571	ug/l	99
11) Tert butyl alcohol	3.001	59	40	Below Cal	#	78
12) 1,1-Dichloroethene	2.306	96	196	0.254	ug/l #	90
16) Acetone	2.386	43	2827	7.651	ug/l #	88
20) Methylene Chloride	2.782	84	390	Below Cal	#	63
21) trans-1,2-Dichloroethene	3.093	96	962	1.209	ug/l #	59
24) 1,1-Dichloroethane	3.605	63	1255	0.909	ug/l #	83
25) 2-Butanone	4.611	43	115	0.212	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	79958	85.993	ug/l	80
31) Cyclohexane	5.556	56	1358	1.211	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5303	4.654	ug/l #	55
38) Carbon Tetrachloride	5.550	117	7524	5.730	ug/l #	16
44) Trichloroethene	7.129	130	1843	1.969	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	645	0.535	ug/l #	1
52) Toluene	8.726	92	2274	0.980	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	29381	27.468	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	29381	81.299	ug/l #	5

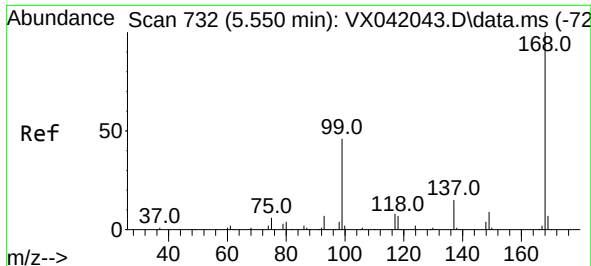
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

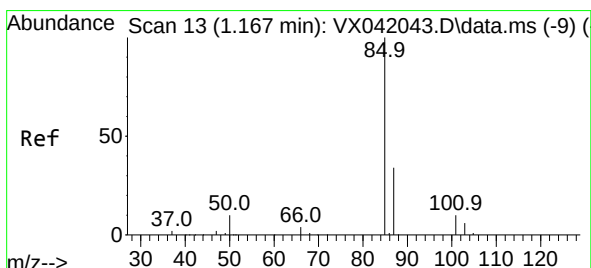
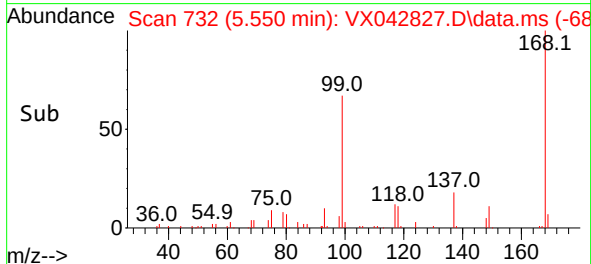
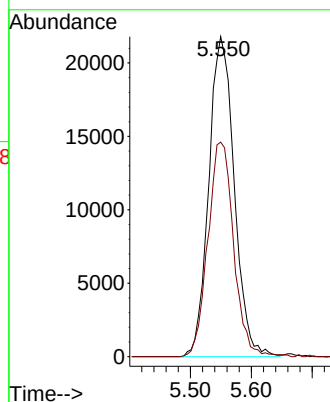
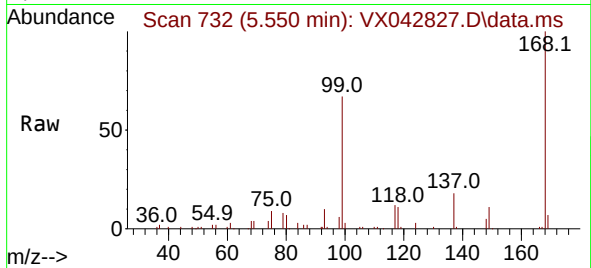




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

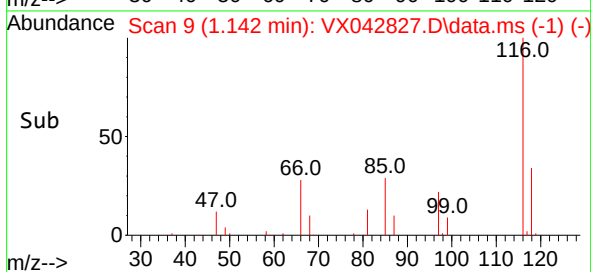
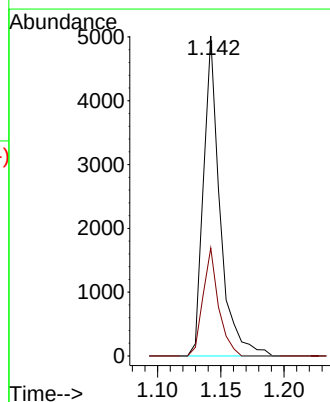
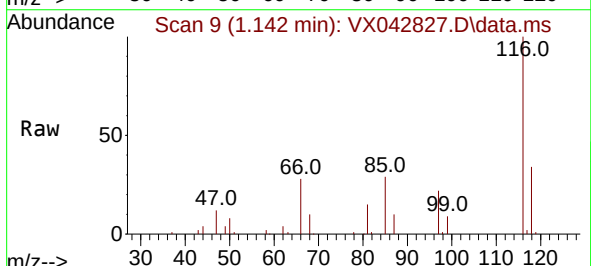
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

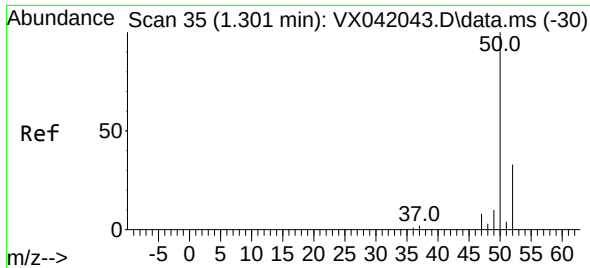
Tgt Ion:168 Resp: 63338
Ion Ratio Lower Upper
168 100
99 67.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 4.542 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Tgt Ion: 85 Resp: 4559
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.1

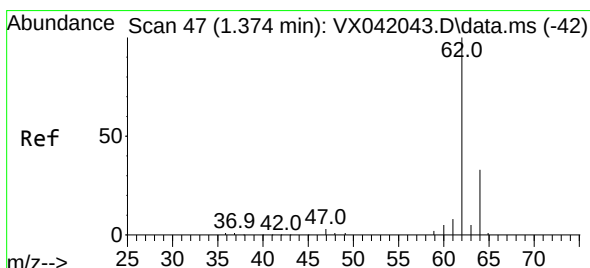
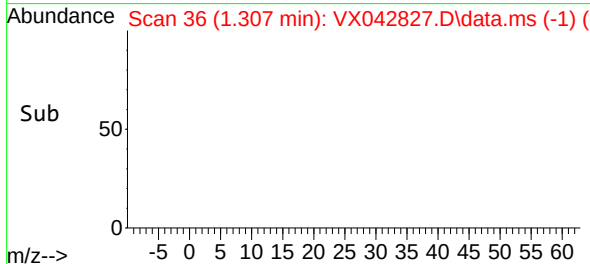
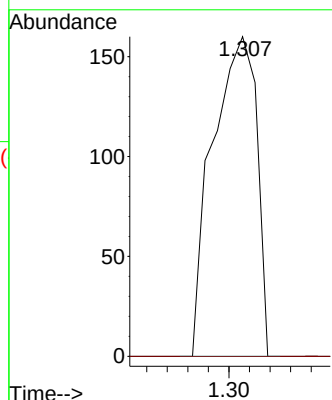
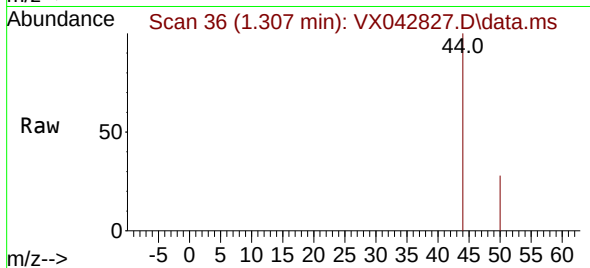




#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

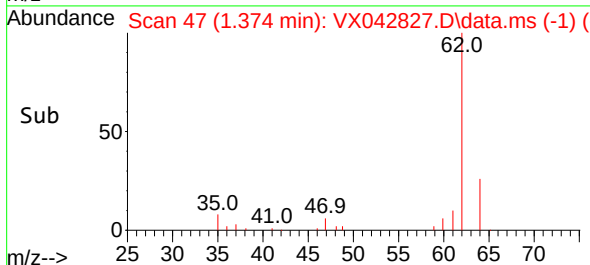
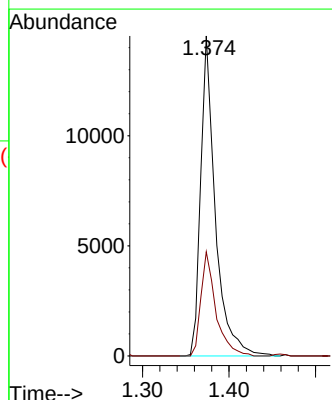
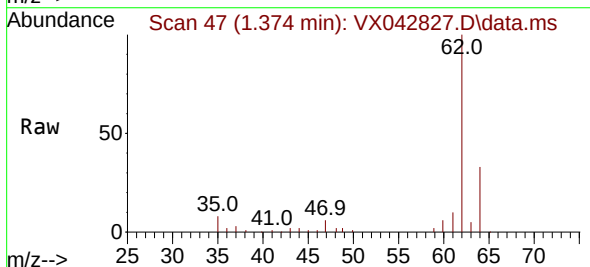
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

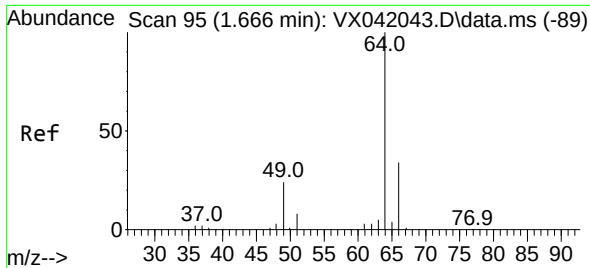
Tgt Ion: 50 Resp: 238
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#4
Vinyl Chloride
Concen: 21.723 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Tgt Ion: 62 Resp: 17066
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0

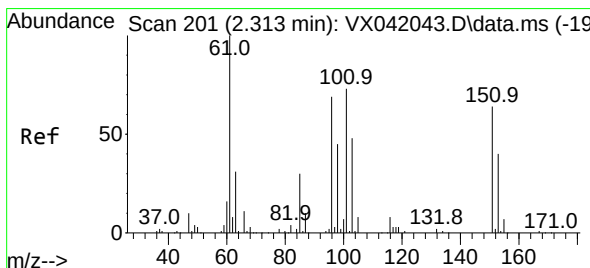
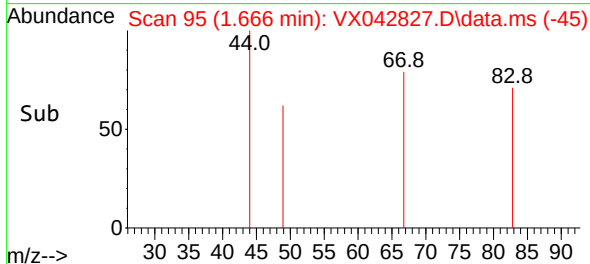
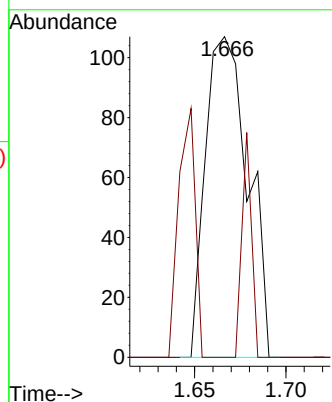
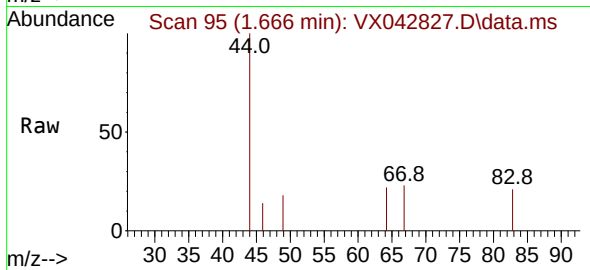




#6
Chloroethane
Concen: 0.610 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

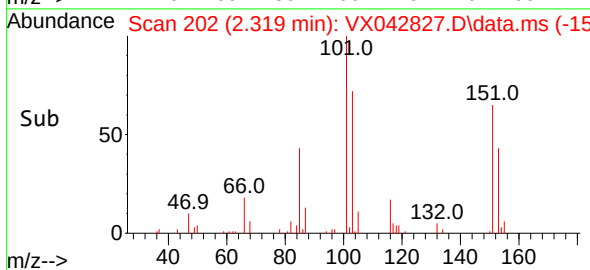
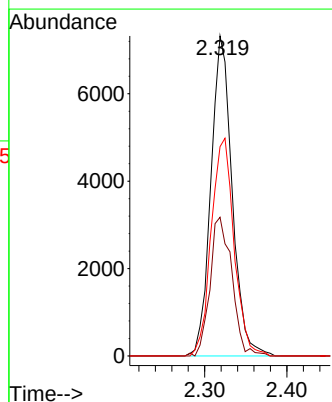
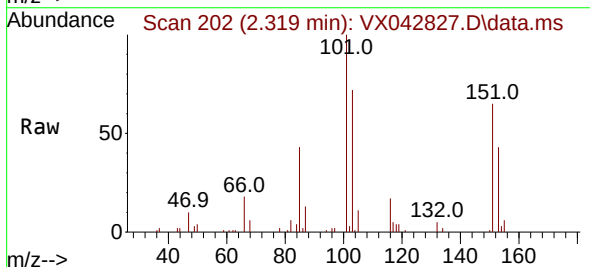
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

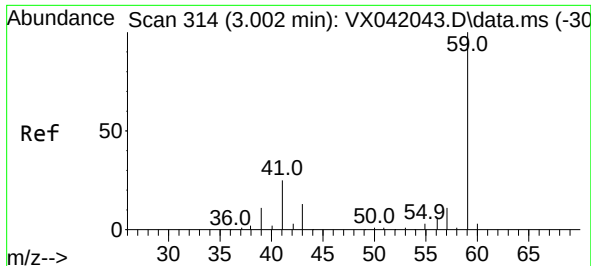
Tgt Ion: 64 Resp: 173
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.571 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.007 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Tgt Ion: 101 Resp: 13179
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.6
151 73.1 58.6 87.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.001 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX042827.D

Acq: 02 Aug 2024 05:48

Instrument :

MSVOA_X

ClientSampleId :

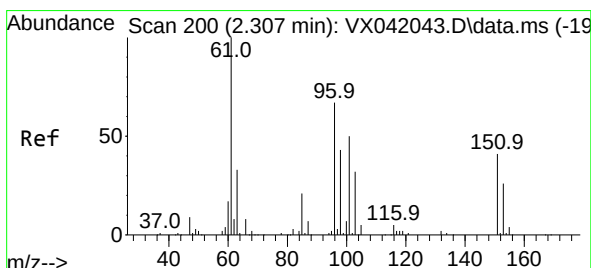
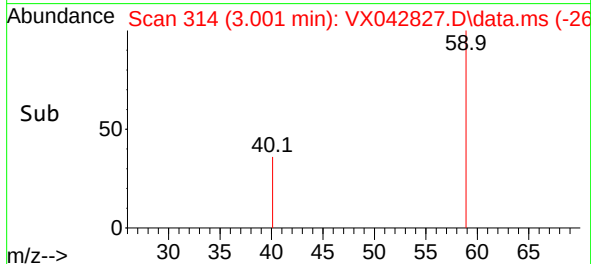
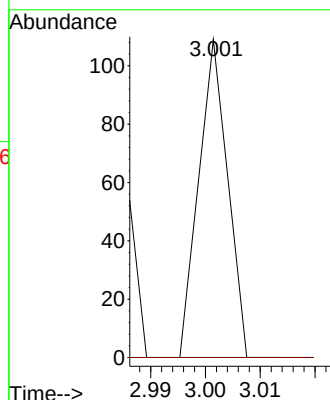
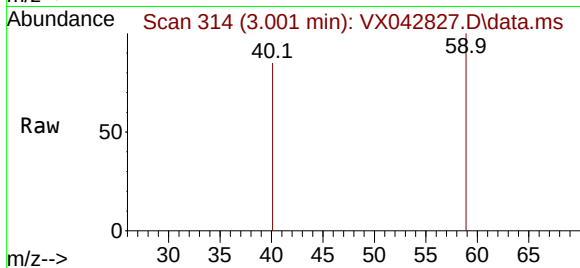
926-K1-WS-073124

Tgt Ion: 59 Resp: 40

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.254 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX042827.D

Acq: 02 Aug 2024 05:48

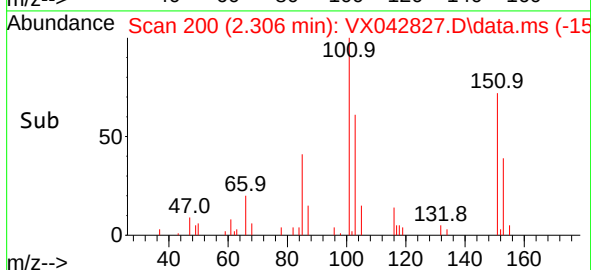
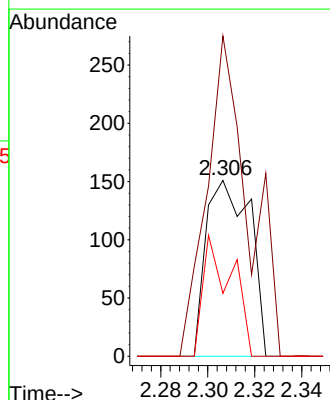
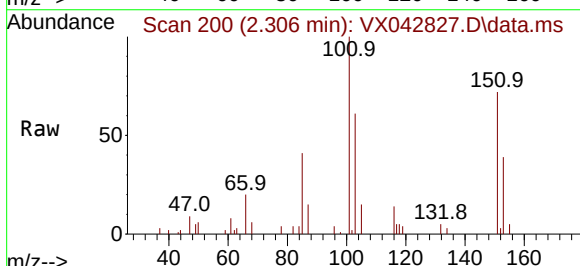
Tgt Ion: 96 Resp: 196

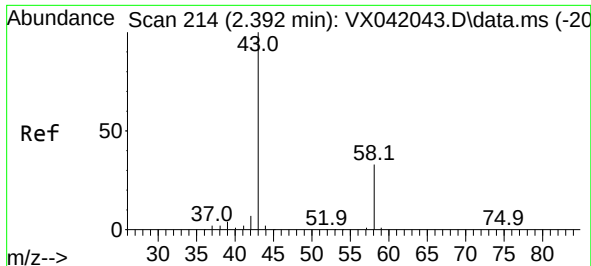
Ion Ratio Lower Upper

96 100

61 182.1 144.6 216.8

98 35.8 50.4 75.6#

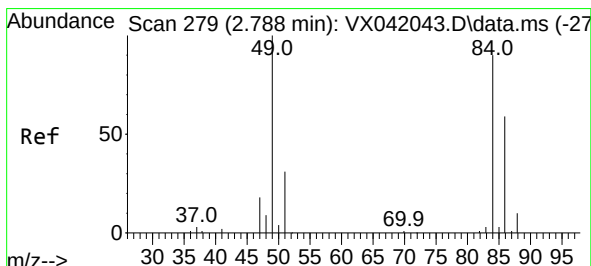
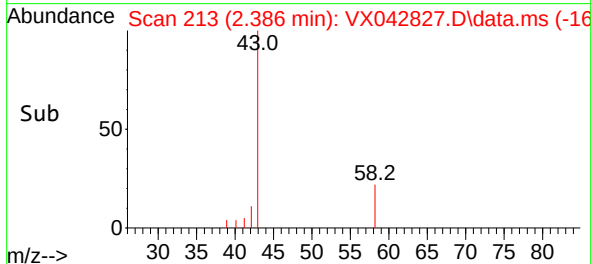
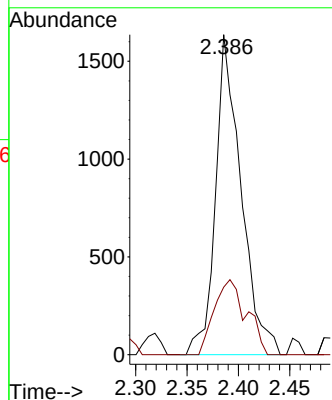
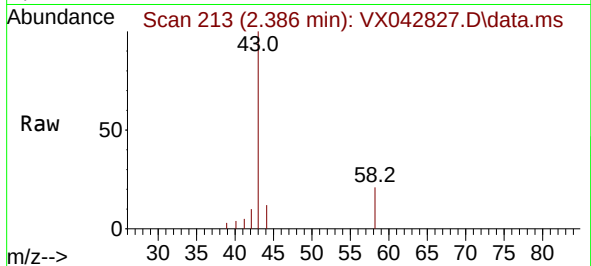




#16
Acetone
Concen: 7.651 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

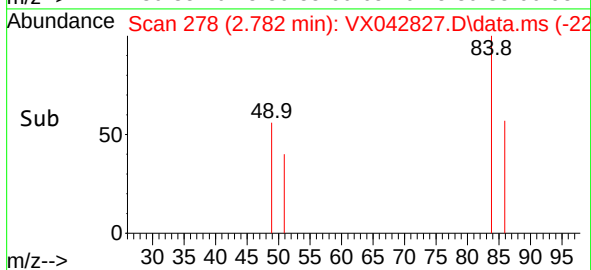
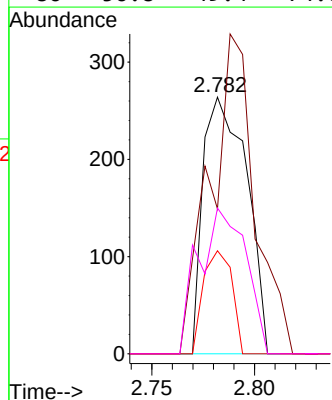
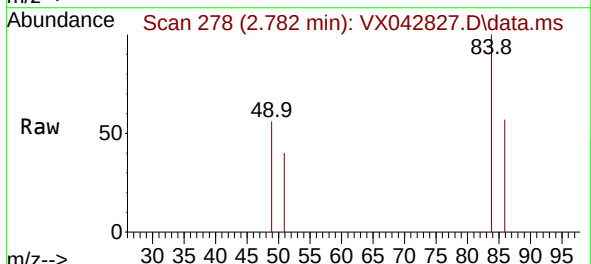
Instrument :
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ClientSampleId :
926-K1-WS-073124

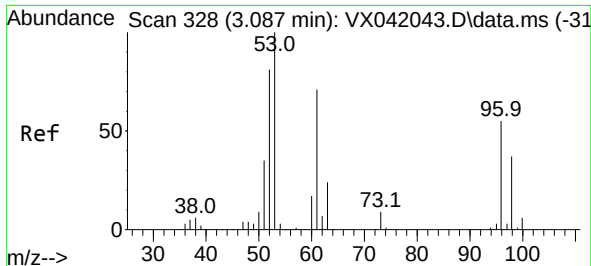
Tgt Ion: 43 Resp: 2827
Ion Ratio Lower Upper
43 100
58 21.1 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

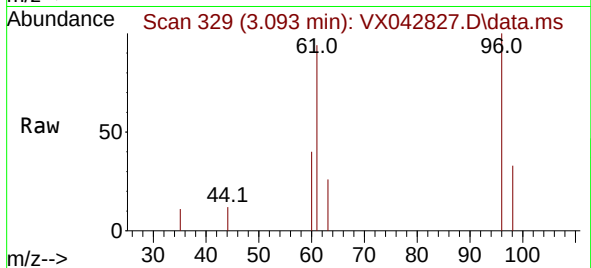
Tgt Ion: 84 Resp: 390
Ion Ratio Lower Upper
84 100
49 56.4 103.6 155.4#
51 40.2 33.8 50.6
86 56.8 49.4 74.0



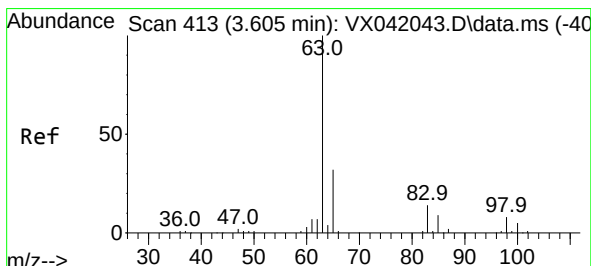
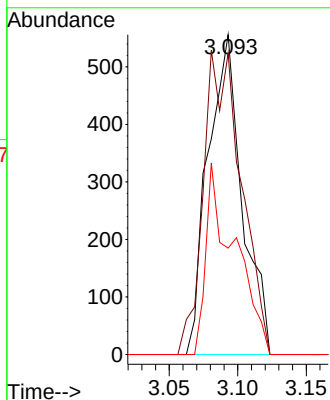
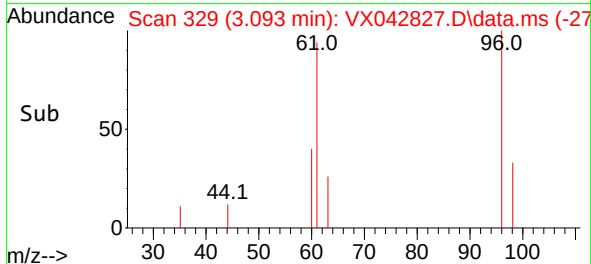


#21
trans-1,2-Dichloroethene
Concen: 1.209 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

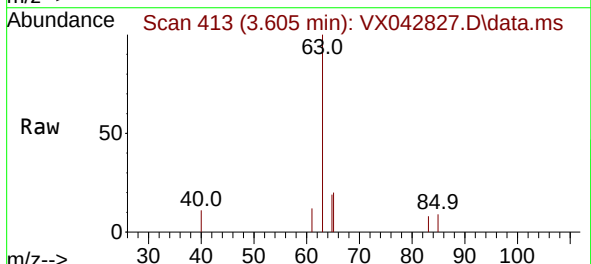
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124



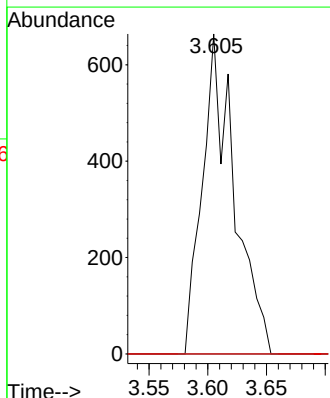
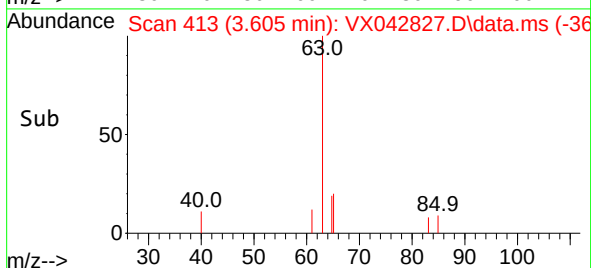
Tgt Ion: 96 Resp: 962
Ion Ratio Lower Upper
96 100
61 94.2 119.2 178.8#
98 33.3 48.7 73.1#

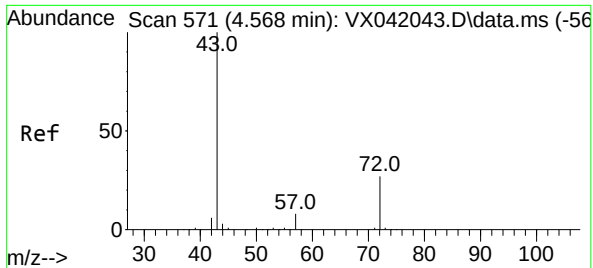


#24
1,1-Dichloroethane
Concen: 0.909 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48



Tgt Ion: 63 Resp: 1255
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

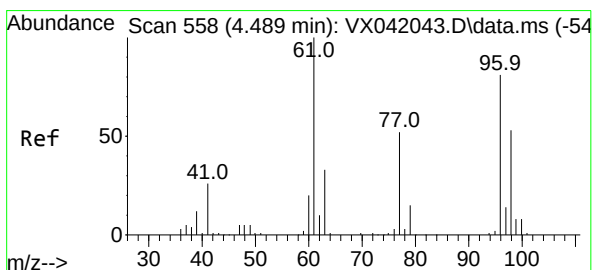
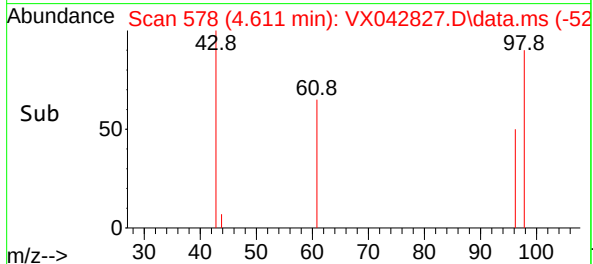
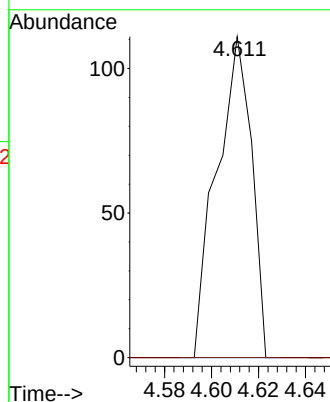
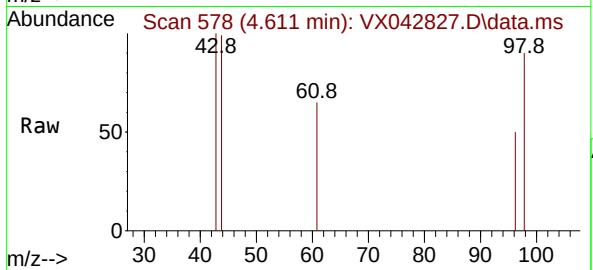




#25
2-Butanone
Concen: 0.212 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

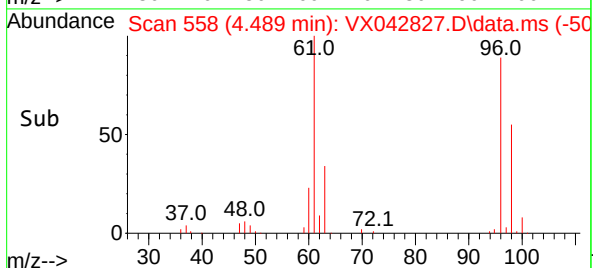
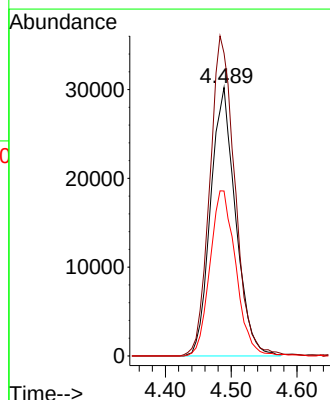
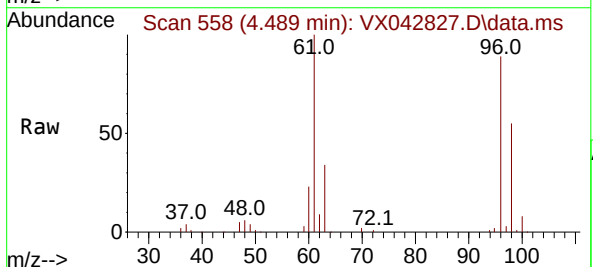
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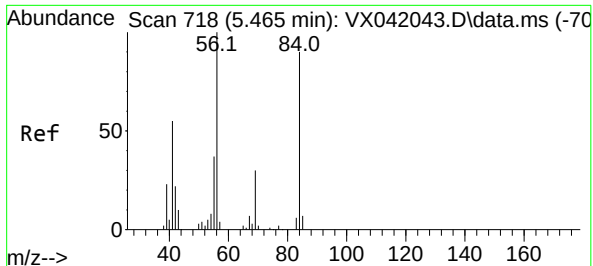
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 85.993 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

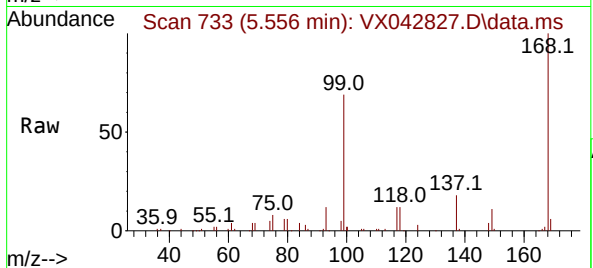
Tgt Ion: 96 Resp: 79958
Ion Ratio Lower Upper
96 100
61 120.4 0.0 312.2
98 63.8 0.0 129.0



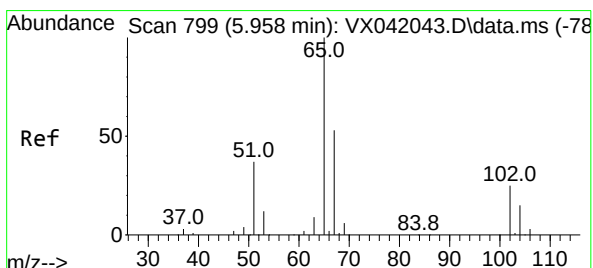
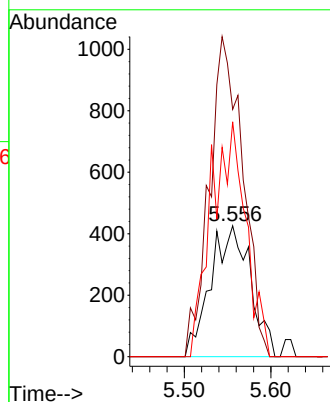
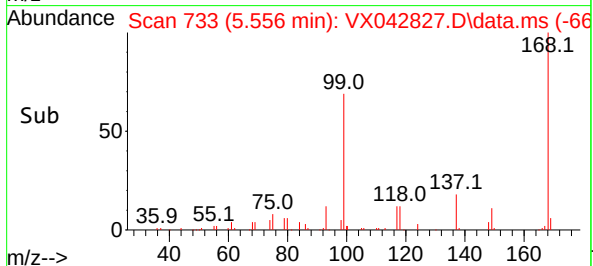


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

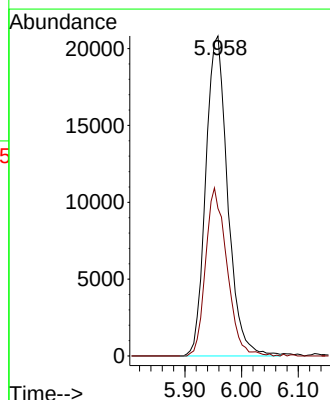
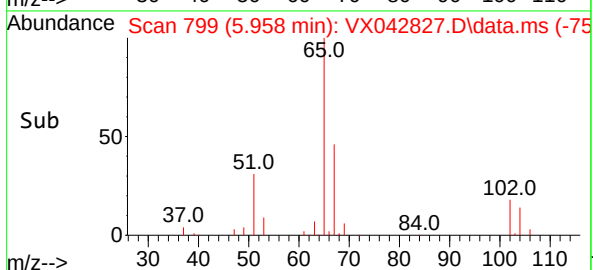
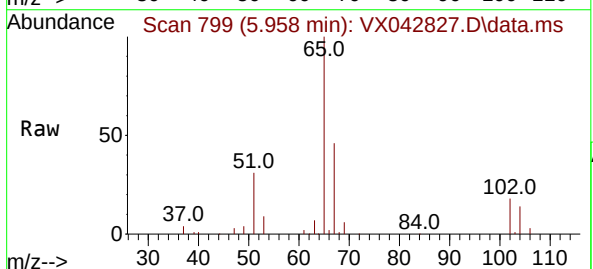


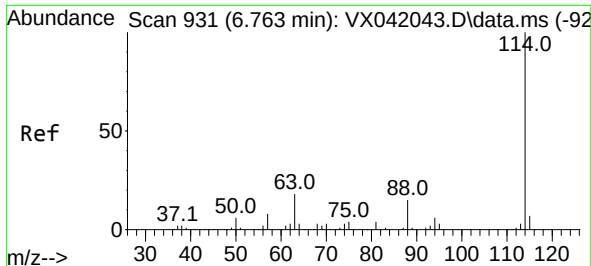
Tgt Ion: 56 Resp: 1358
Ion Ratio Lower Upper
56 100
69 189.0 23.4 35.2#
84 179.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 55.010 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Tgt Ion: 65 Resp: 55977
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

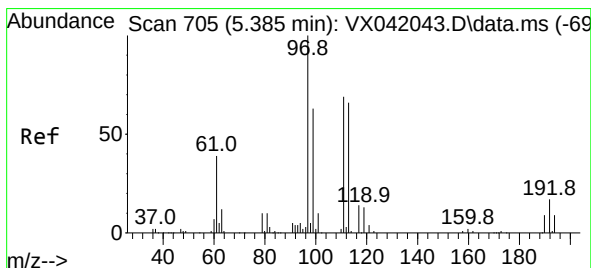
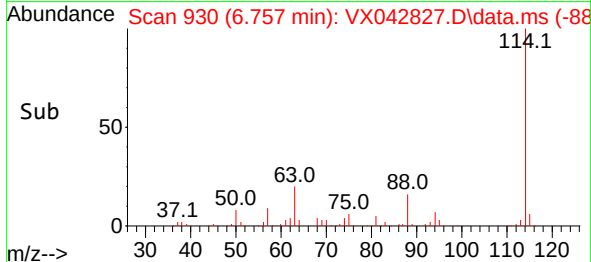
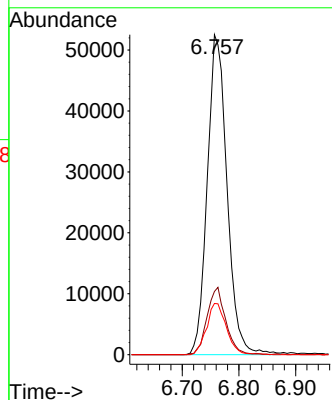
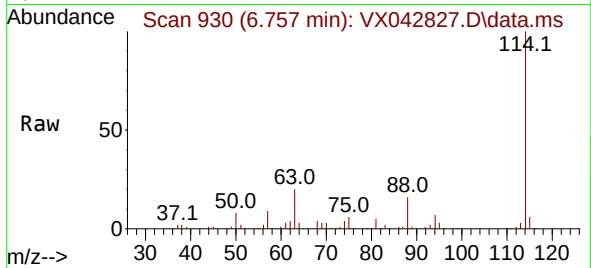




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

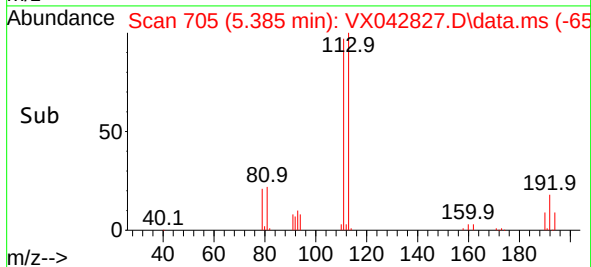
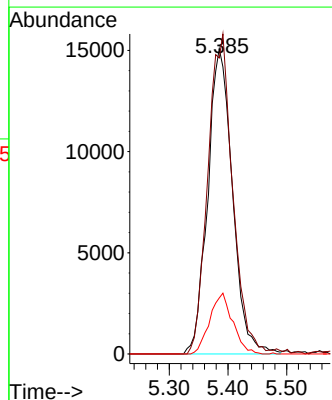
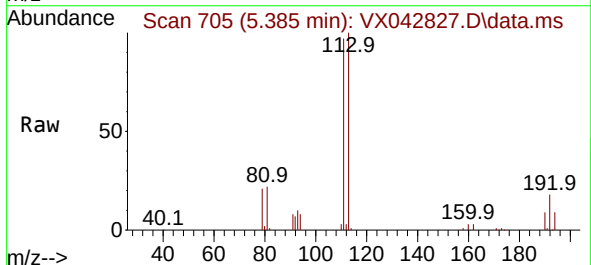
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

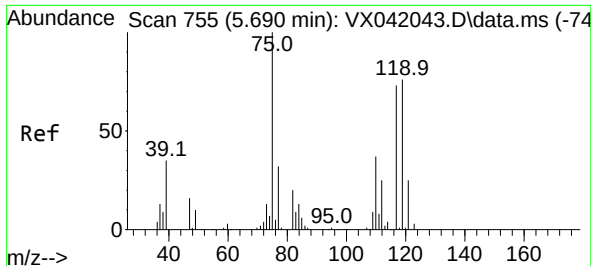
Tgt Ion:114 Resp: 127187
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.342 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Tgt Ion:113 Resp: 44232
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 18.4 13.3 19.9

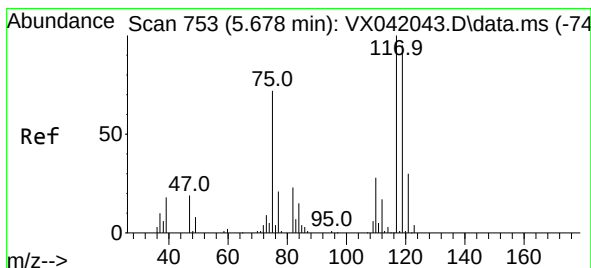
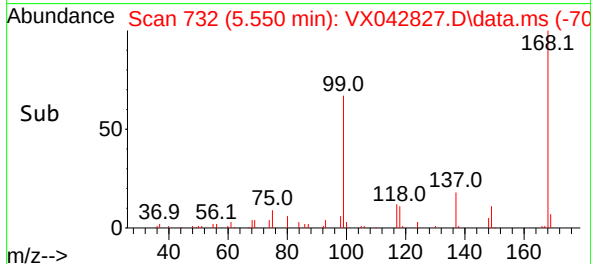
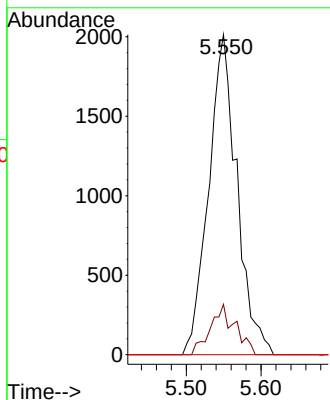
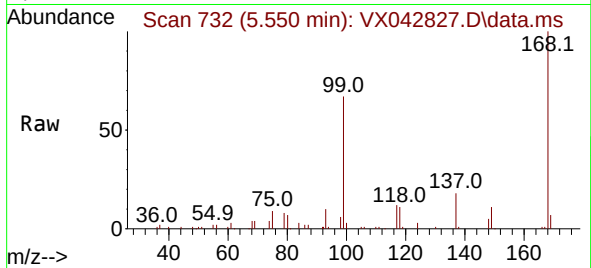




#36
1,1-Dichloropropene
Concen: 4.654 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

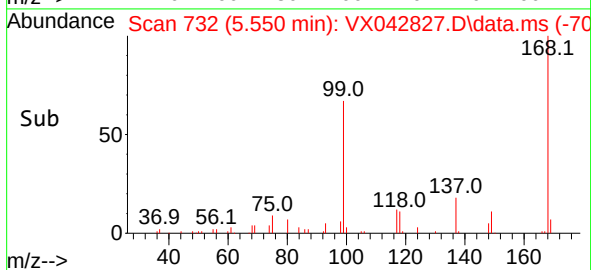
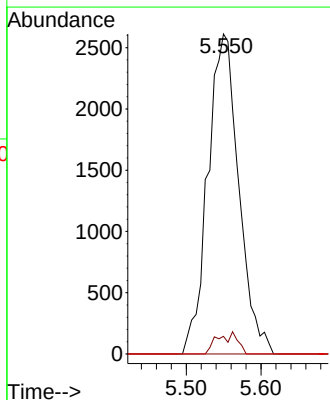
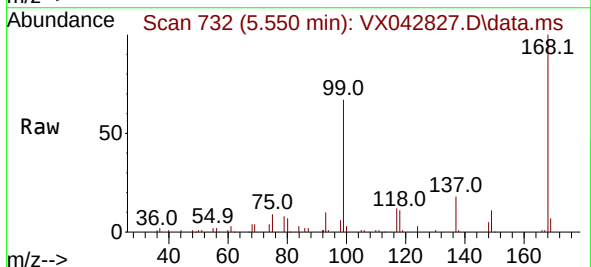
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

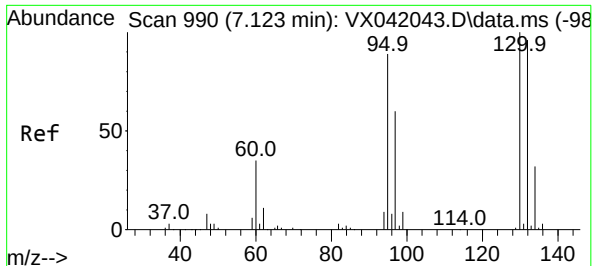
Tgt Ion: 75 Resp: 5303
Ion Ratio Lower Upper
75 100
110 13.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.730 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Tgt Ion: 117 Resp: 7524
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

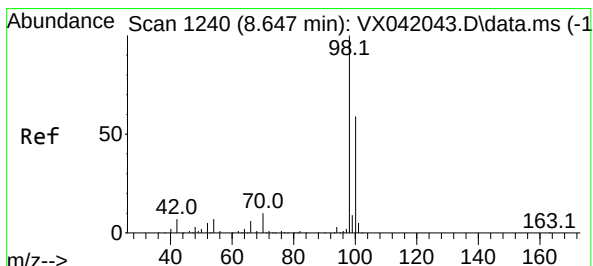
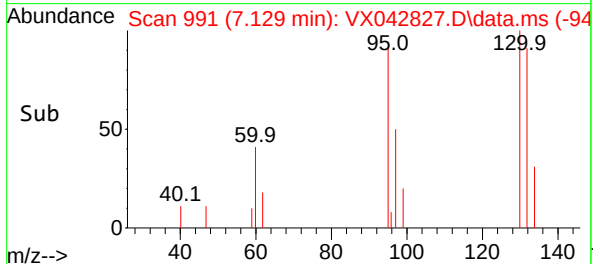
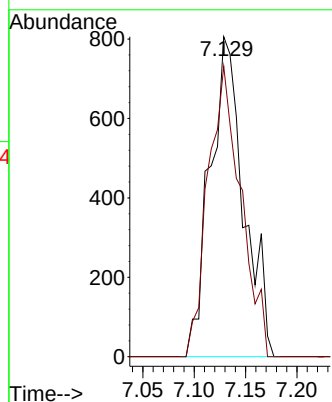
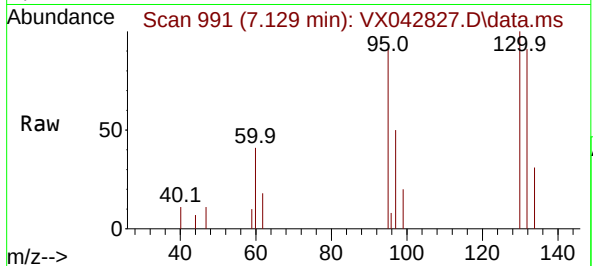




#44
Trichloroethene
Concen: 1.969 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

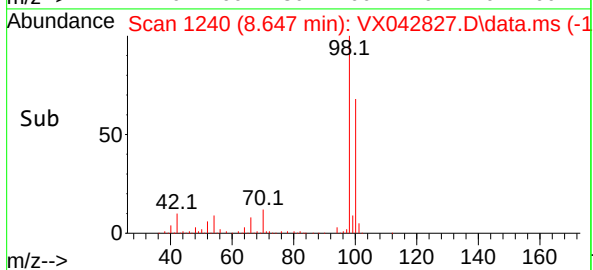
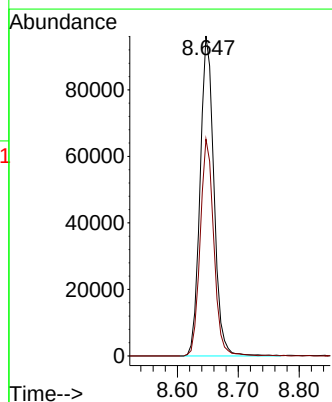
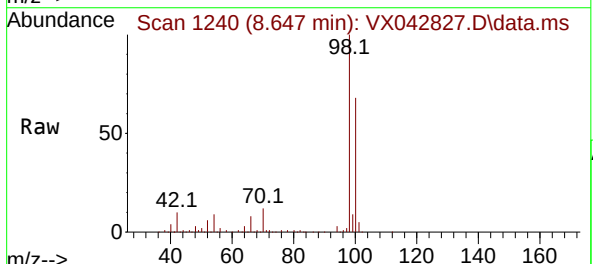
Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

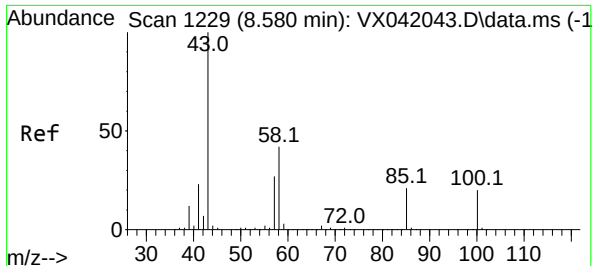
Tgt Ion:130 Resp: 1843
Ion Ratio Lower Upper
130 100
95 90.8 0.0 204.4



#50
Toluene-d8
Concen: 47.617 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Tgt Ion: 98 Resp: 151857
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.535 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX042827.D

Acq: 02 Aug 2024 05:48

Instrument :

MSVOA_X

ClientSampleId :

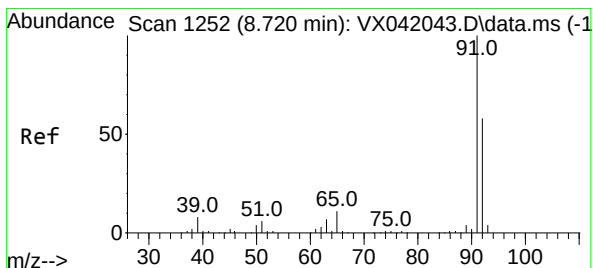
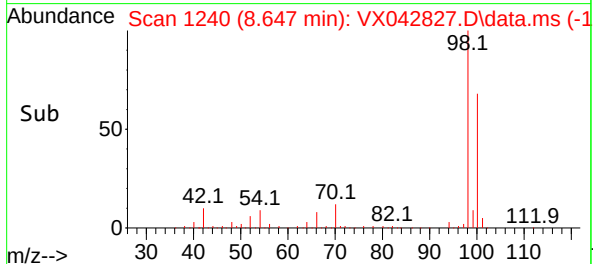
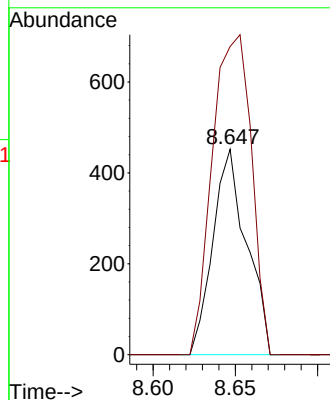
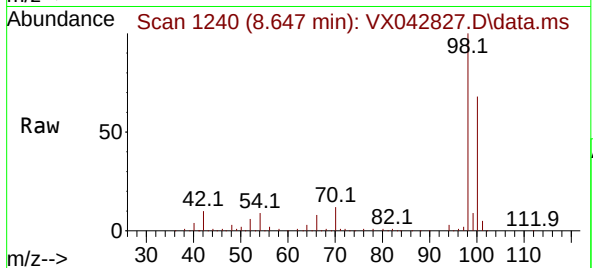
926-K1-WS-073124

Tgt Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

58 180.6 30.4 45.6#



#52

Toluene

Concen: 0.980 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX042827.D

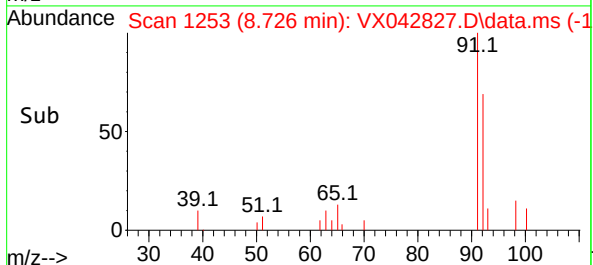
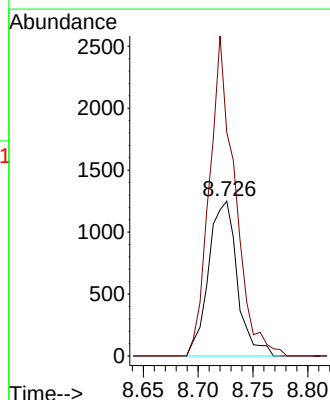
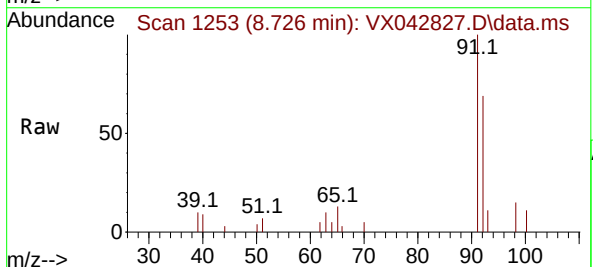
Acq: 02 Aug 2024 05:48

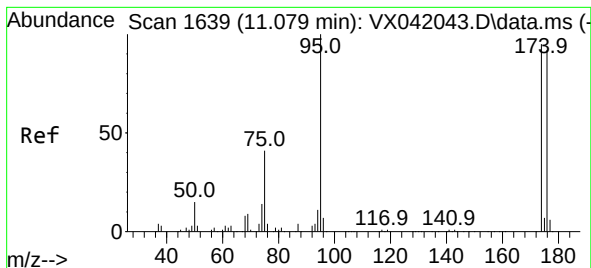
Tgt Ion: 92 Resp: 2274

Ion Ratio Lower Upper

92 100

91 183.2 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 45.866 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042827.D

Acq: 02 Aug 2024 05:48

Instrument :

MSVOA_X

ClientSampleId :

926-K1-WS-073124

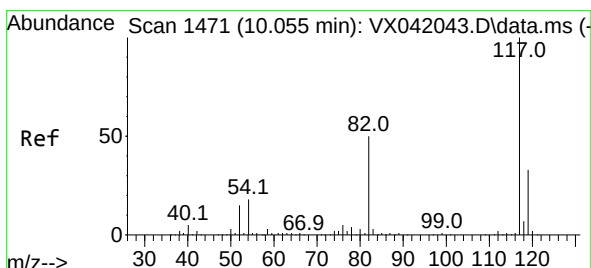
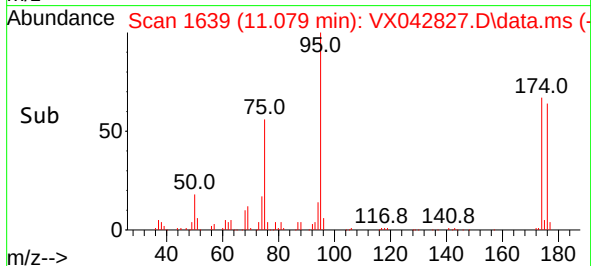
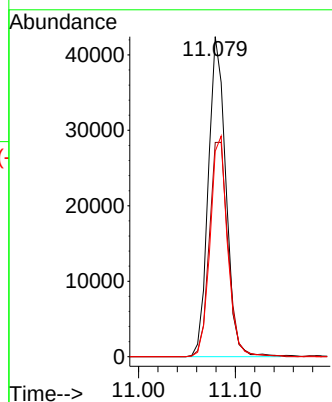
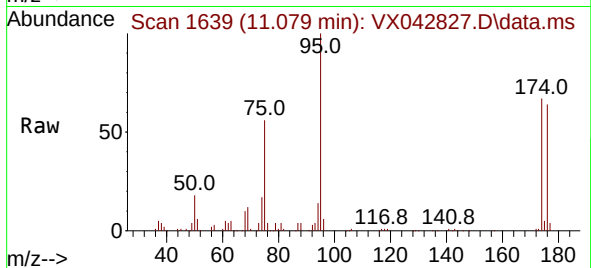
Tgt Ion: 95 Resp: 53455

Ion Ratio Lower Upper

95 100

174 71.5 0.0 135.6

176 68.5 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: VX042827.D

Acq: 02 Aug 2024 05:48

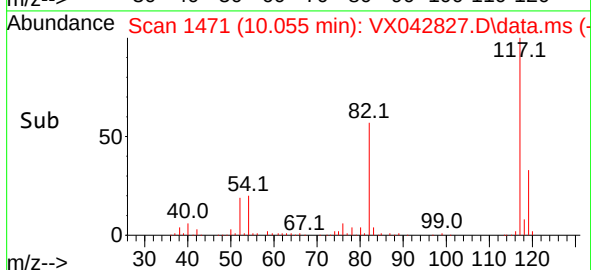
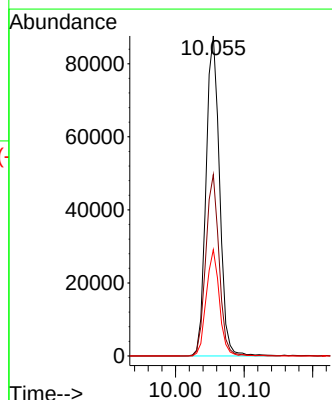
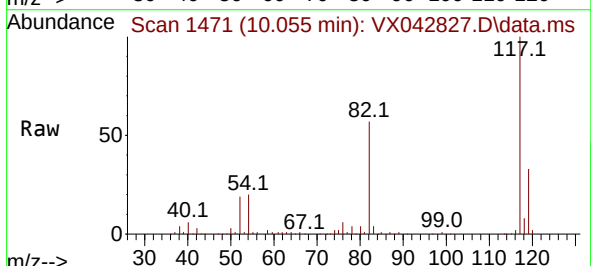
Tgt Ion: 117 Resp: 120353

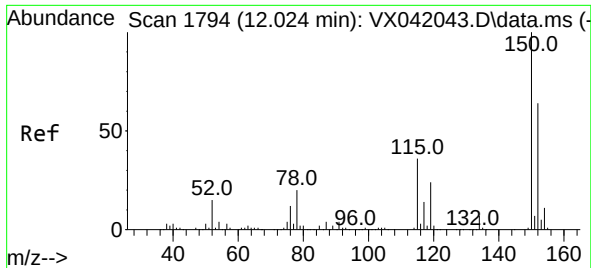
Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 33.2 25.5 38.3

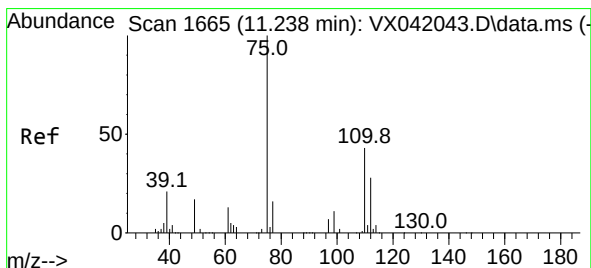
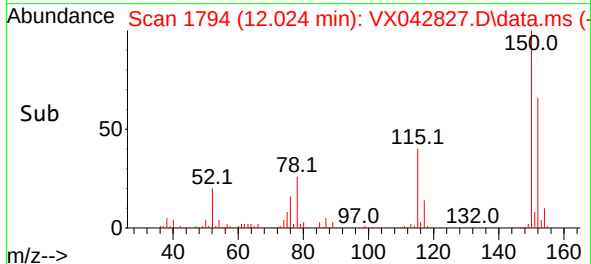
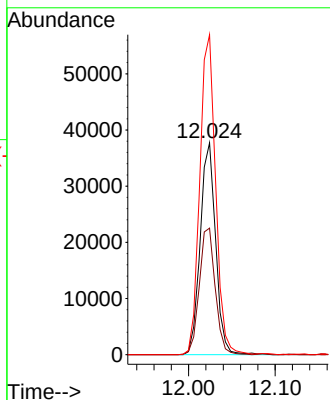
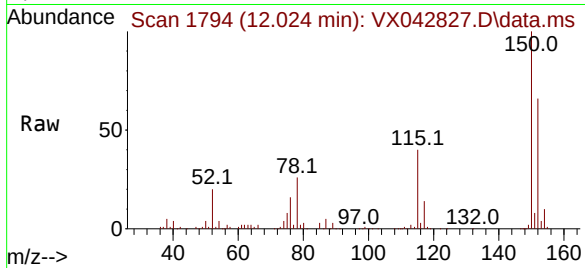




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042827.D
 Acq: 02 Aug 2024 05:48

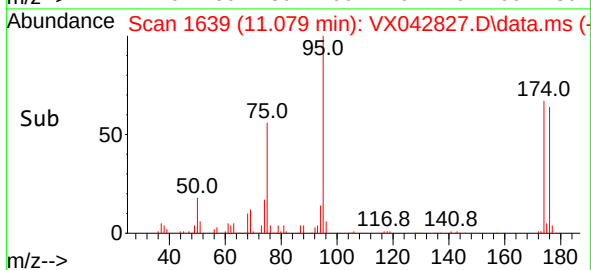
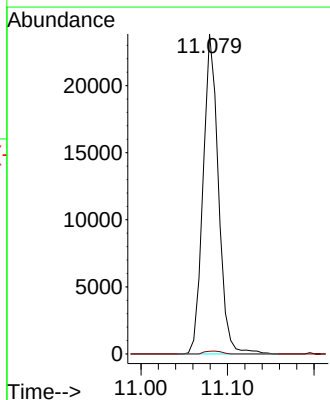
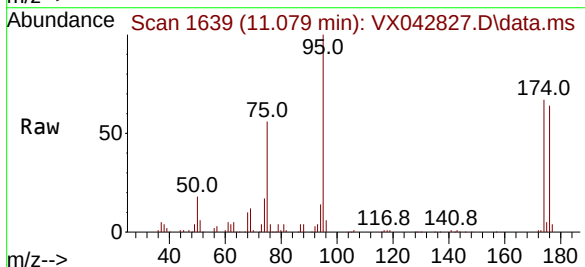
Instrument :
 MSVOA_X
 ClientSampleId :
 926-K1-WS-073124

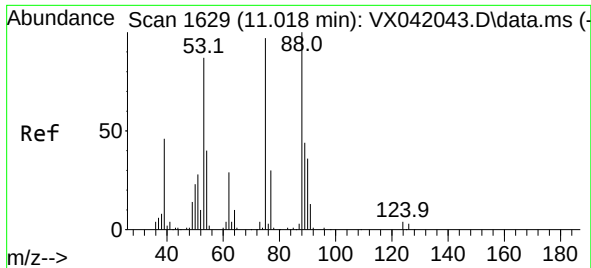
Tgt Ion:152 Resp: 46811
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.3 129.9
 150 154.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.468 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX042827.D
 Acq: 02 Aug 2024 05:48

Tgt Ion: 75 Resp: 29381
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.299 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX042827.D
Acq: 02 Aug 2024 05:48

Instrument :
MSVOA_X
ClientSampleId :
926-K1-WS-073124

Tgt Ion: 75 Resp: 29381
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

