

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX043002.D
 Acq On : 09 Aug 2024 17:48
 Operator : JC/MD
 Sample : P3457-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 924-K1-WS-080224

Quant Time: Aug 09 23:28:52 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)

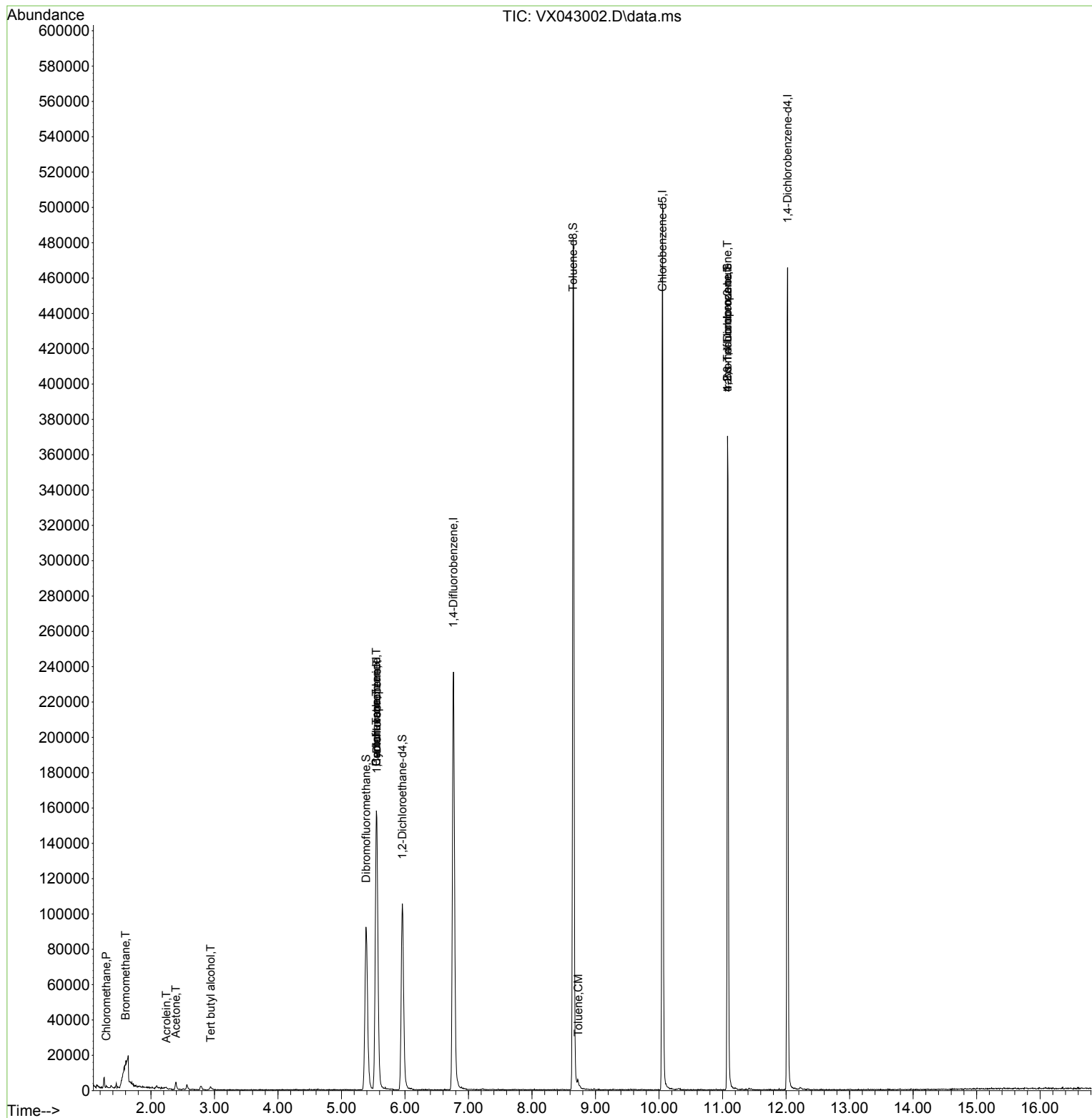
Internal Standards						
1) Pentafluorobenzene	5.550	168	148730	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	240279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106806	52.311	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.620%	
35) Dibromofluoromethane	5.385	113	79856	50.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	8.647	98	298083	53.446	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	11.079	95	100010	49.901	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1045	0.598	ug/l	99
5) Bromomethane	1.599	94	906	0.903	ug/l	82
11) Tert butyl alcohol	2.940	59	644	1.586	ug/l #	93
13) Acrolein	2.239	56	190	0.475	ug/l #	49
16) Acetone	2.392	43	4340	4.901	ug/l #	76
20) Methylene Chloride	2.782	84	964	Below Cal	#	68
31) Cyclohexane	5.550	56	3456	1.353	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	11901	5.587	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16244	6.756	ug/l #	17
52) Toluene	8.726	92	1342	0.335	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	52906	24.409	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52906	79.367	ug/l #	5

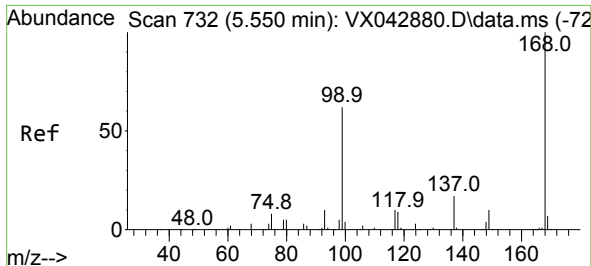
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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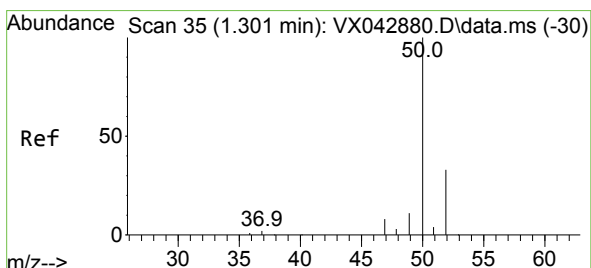
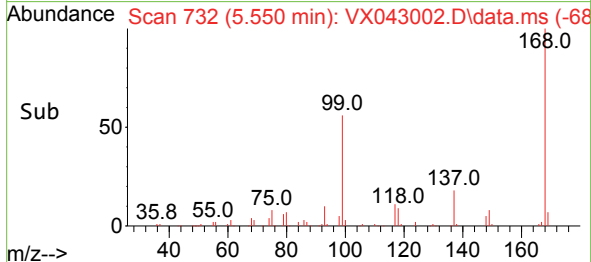
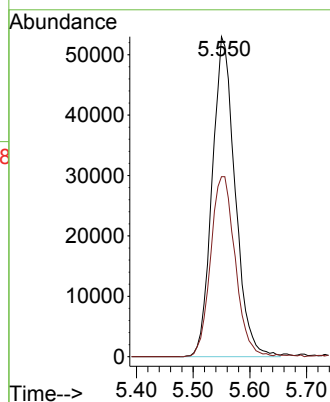
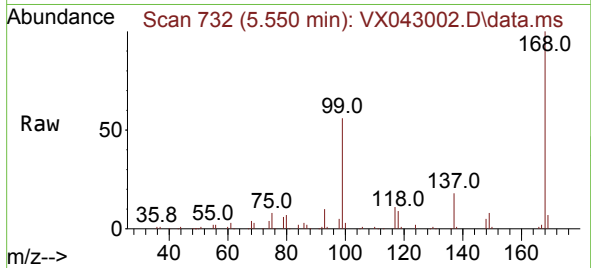




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

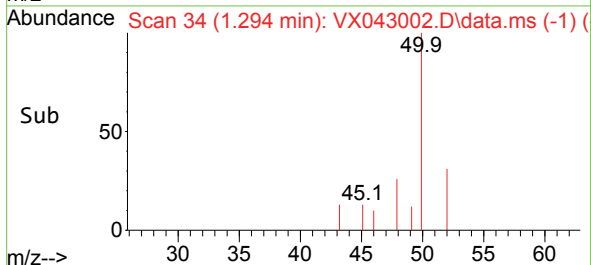
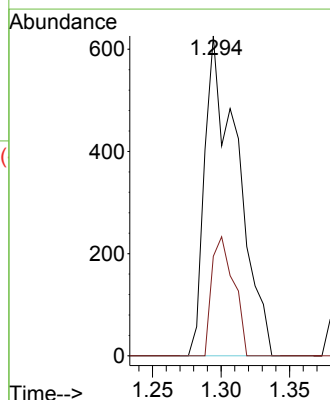
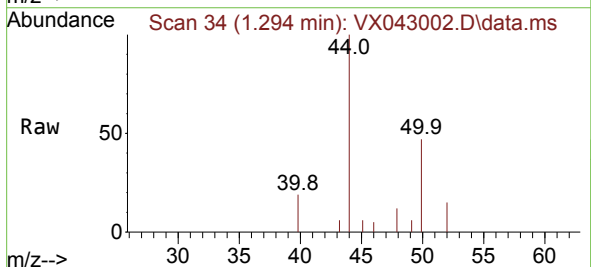
Instrument :
MSVOA_X
ClientSampleId :
924-K1-WS-080224

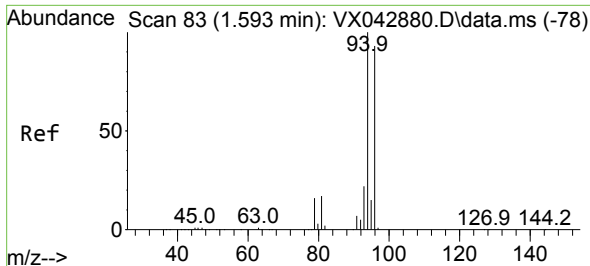
Tgt Ion:168 Resp: 148730
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#3
Chloromethane
Concen: 0.598 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

Tgt Ion: 50 Resp: 1045
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3

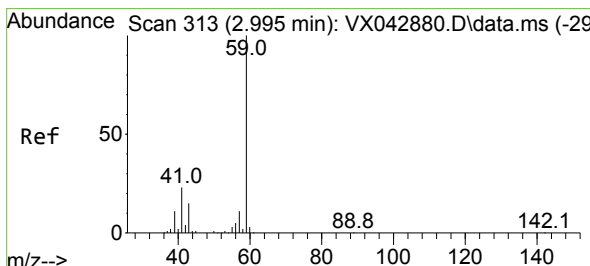
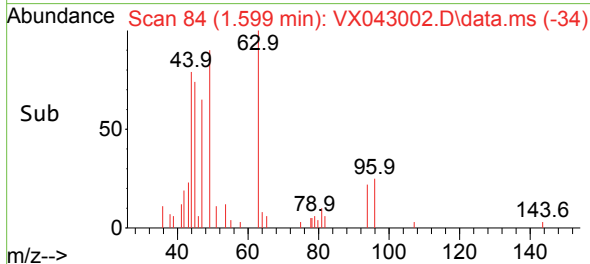
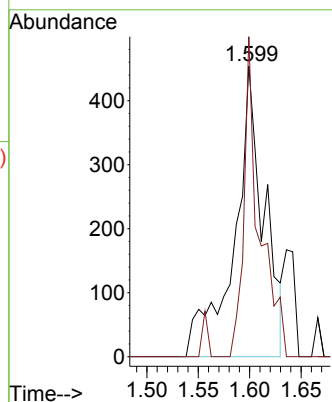
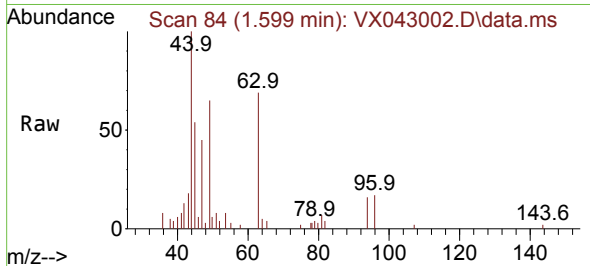




#5
Bromomethane
Concen: 0.903 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

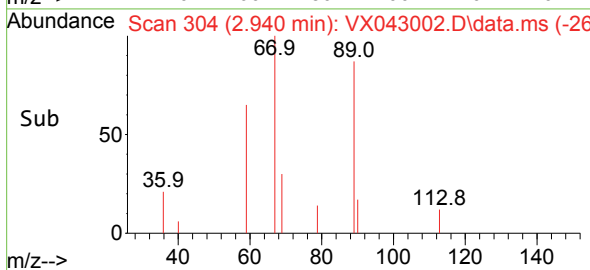
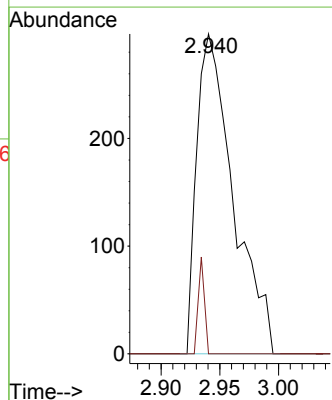
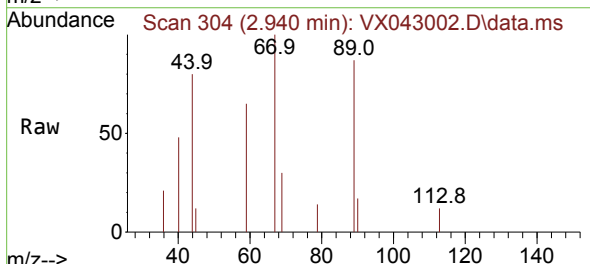
Instrument :
MSVOA_X
ClientSampleId :
924-K1-WS-080224

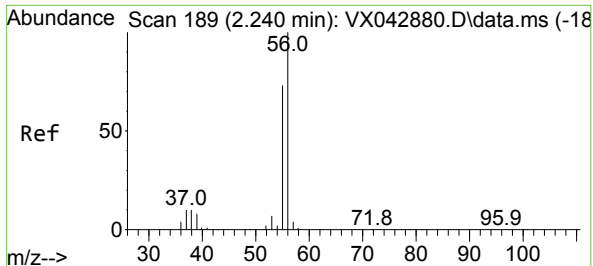
Tgt Ion: 94 Resp: 906
Ion Ratio Lower Upper
94 100
96 110.1 74.6 111.8



#11
Tert butyl alcohol
Concen: 1.586 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

Tgt Ion: 59 Resp: 644
Ion Ratio Lower Upper
59 100
57 5.1 6.0 9.0#

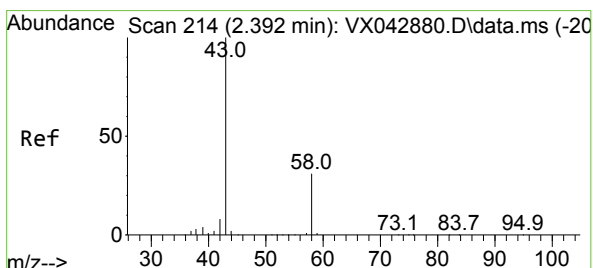
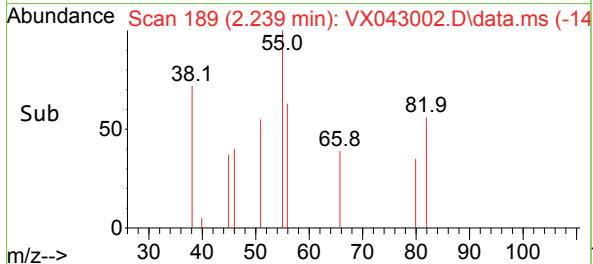
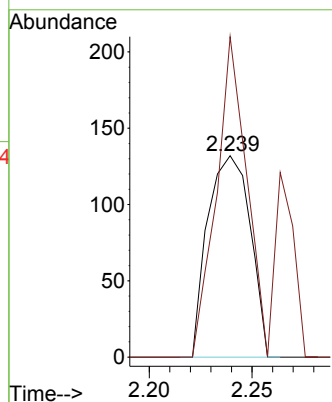
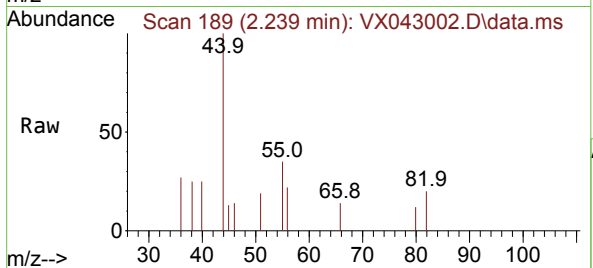




#13
Acrolein
Concen: 0.475 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

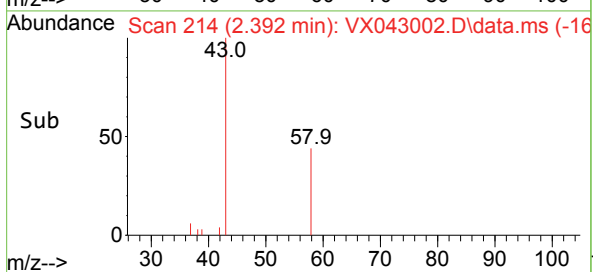
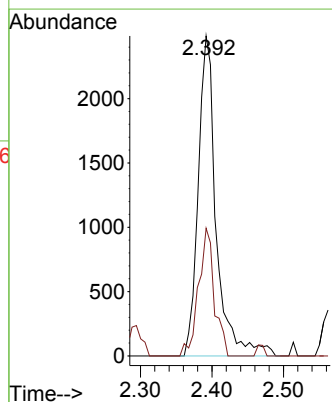
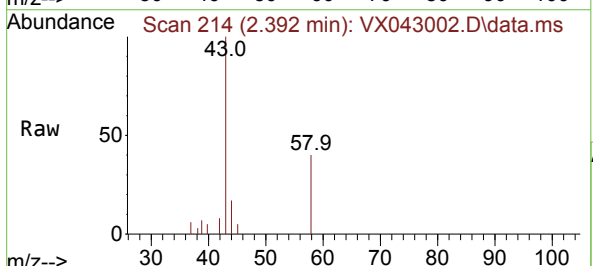
Instrument :
MSVOA_X
ClientSampleId :
924-K1-WS-080224

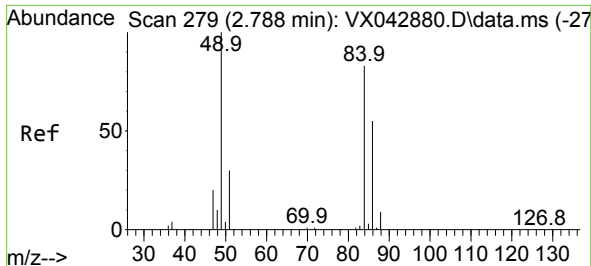
Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 113.7 57.1 85.7#



#16
Acetone
Concen: 4.901 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

Tgt Ion: 43 Resp: 4340
Ion Ratio Lower Upper
43 100
58 39.9 21.9 32.9#

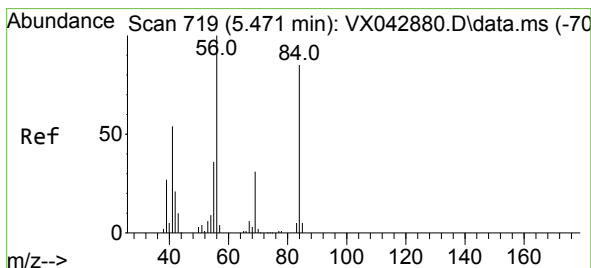
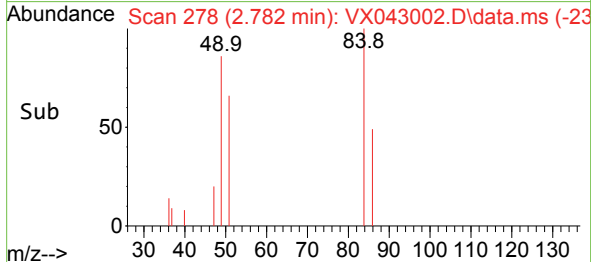
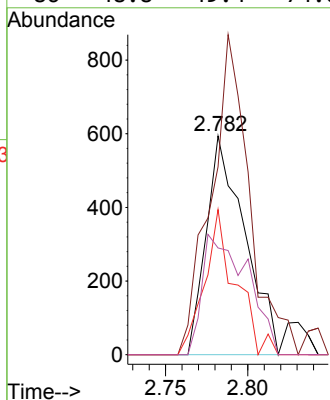
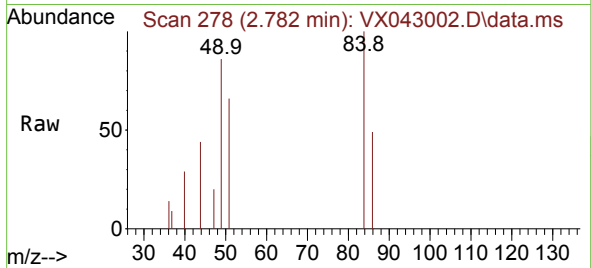




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

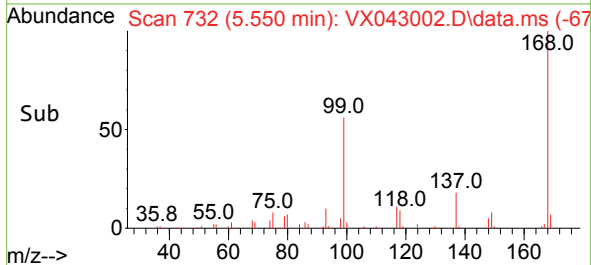
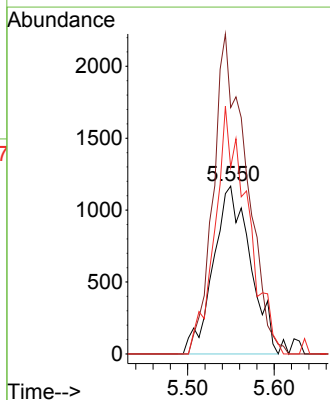
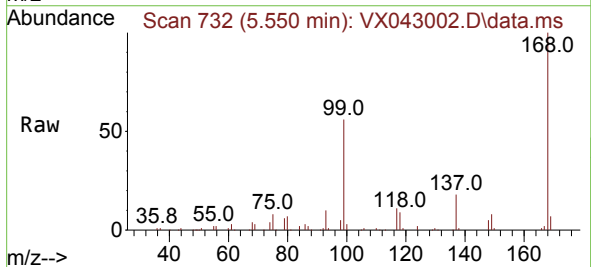
Instrument :
MSVOA_X
ClientSampleId :
924-K1-WS-080224

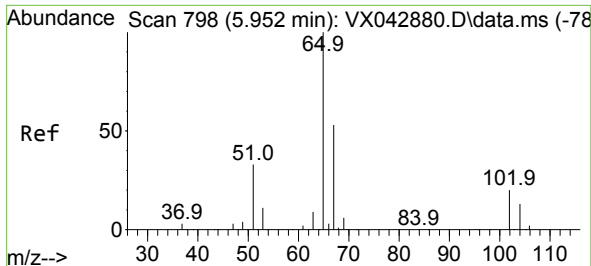
Tgt Ion:	84	Resp:	964
Ion	Ratio	Lower	Upper
84	100		
49	85.9	103.6	155.4#
51	66.3	33.8	50.6#
86	48.8	49.4	74.0#



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

Tgt Ion:	56	Resp:	3456
Ion	Ratio	Lower	Upper
56	100		
69	146.8	23.4	35.2#
84	111.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.311 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043002.D

Acq: 09 Aug 2024 17:48

Instrument :

MSVOA_X

ClientSampleId :

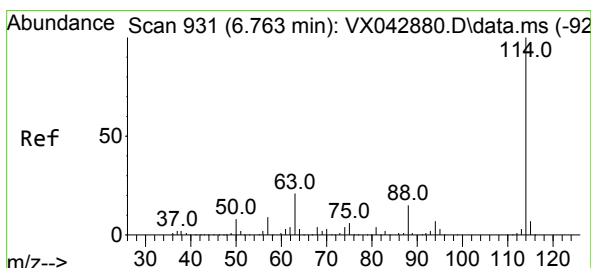
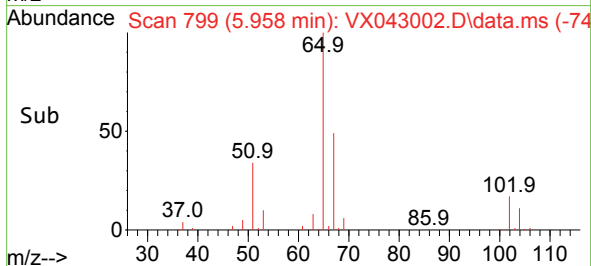
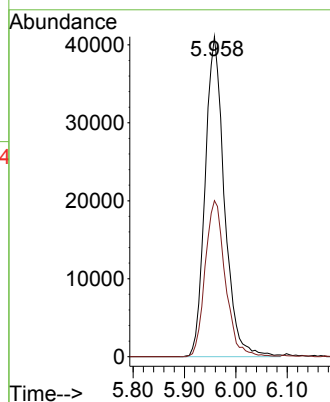
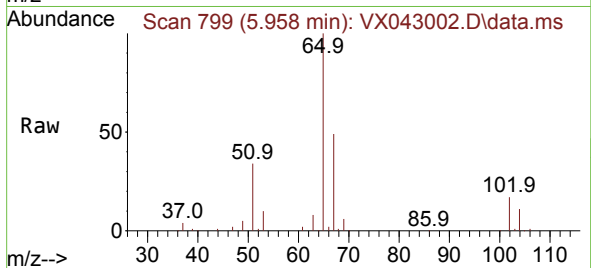
924-K1-WS-080224

Tgt Ion: 65 Resp: 106806

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX043002.D

Acq: 09 Aug 2024 17:48

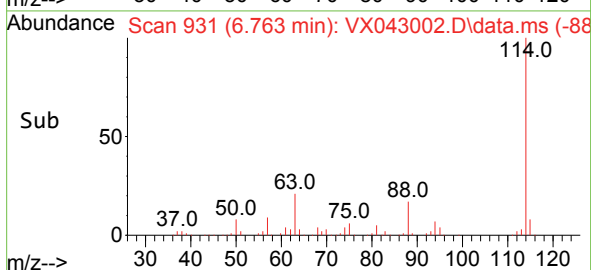
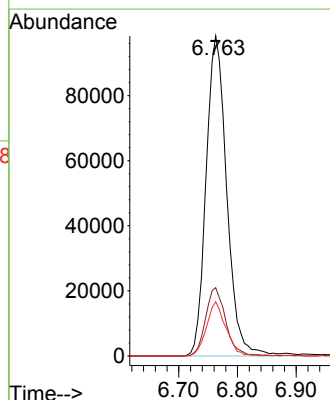
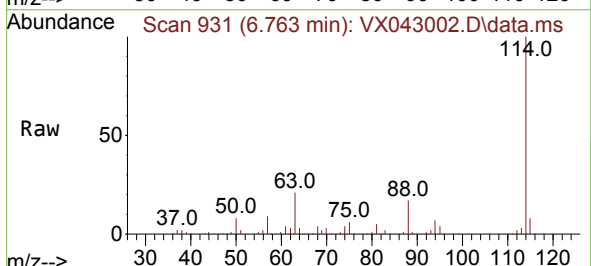
Tgt Ion: 114 Resp: 240279

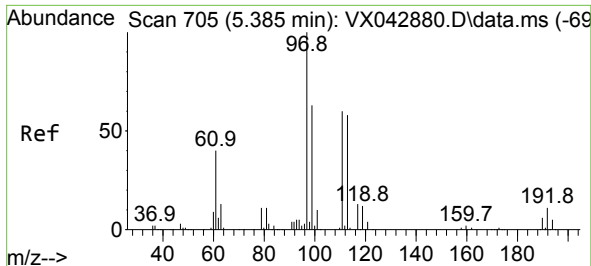
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.9 0.0 36.6

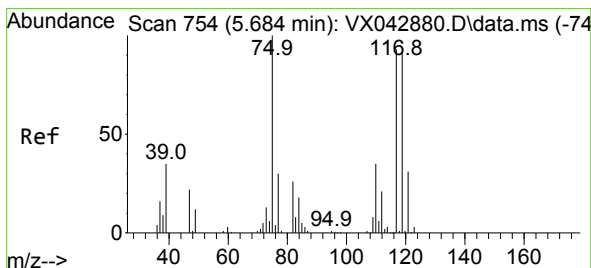
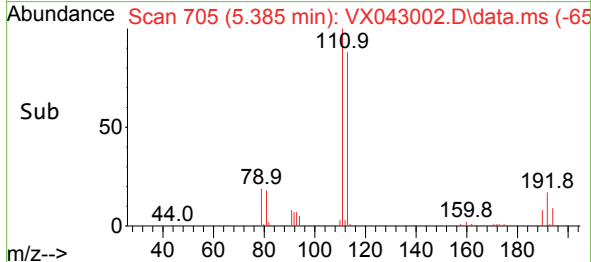
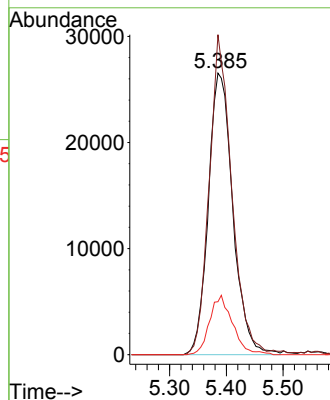
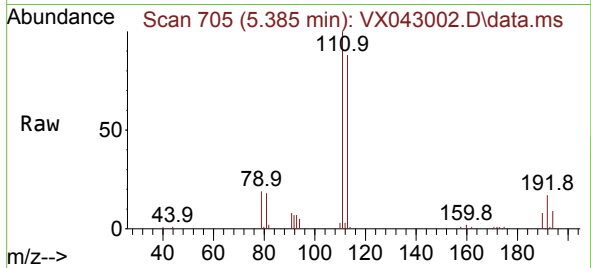




#35
Dibromofluoromethane
Concen: 50.829 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

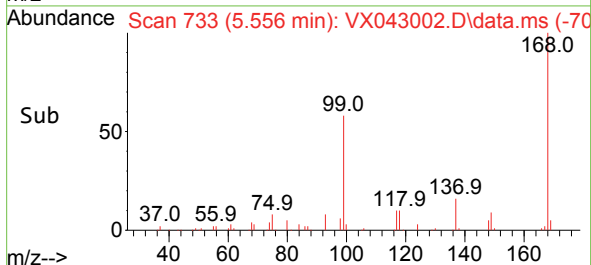
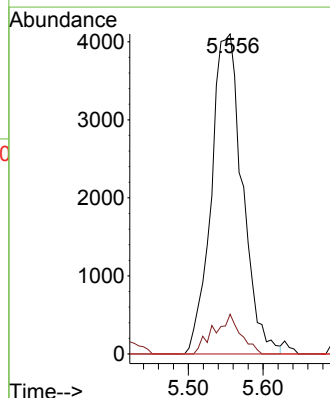
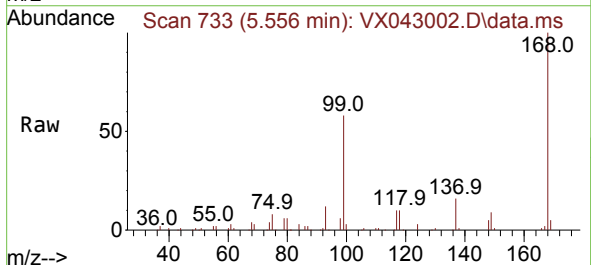
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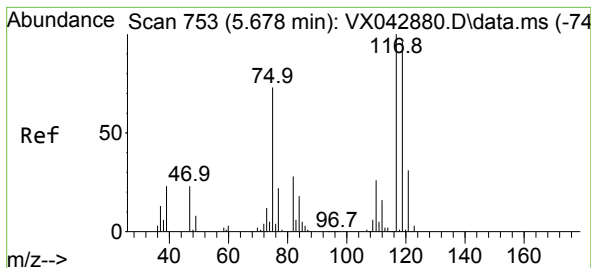
Tgt Ion:113 Resp: 79856
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.587 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

Tgt Ion: 75 Resp: 11901
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.756 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX043002.D

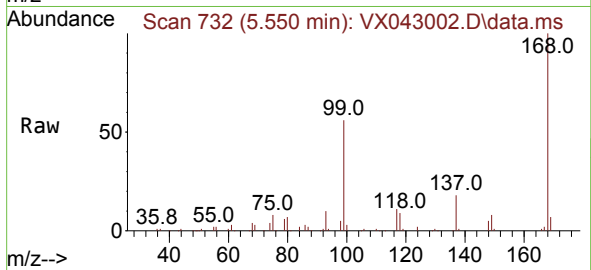
Acq: 09 Aug 2024 17:48

Instrument :

MSVOA_X

ClientSampleId :

924-K1-WS-080224



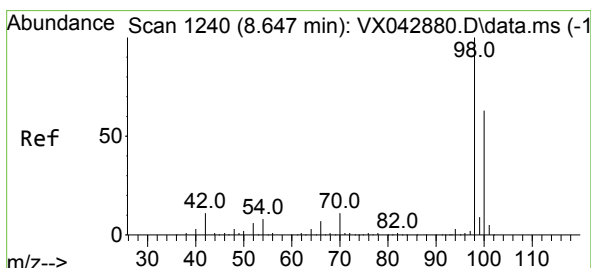
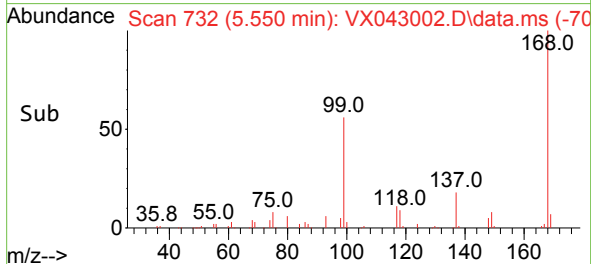
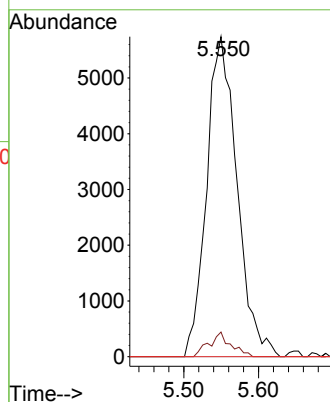
Tgt Ion:117 Resp: 16244

Ion Ratio Lower Upper

117 100

119 7.7 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 53.446 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043002.D

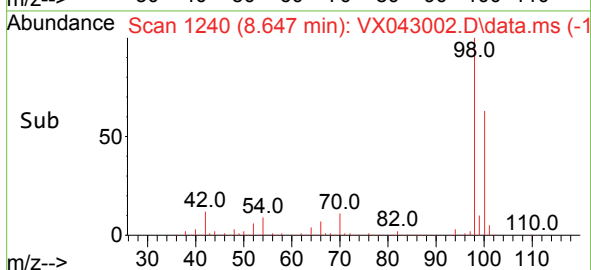
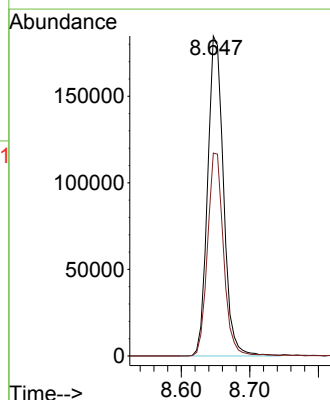
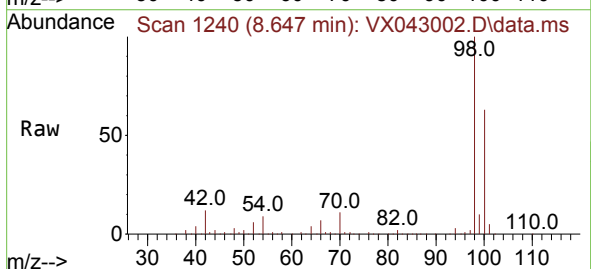
Acq: 09 Aug 2024 17:48

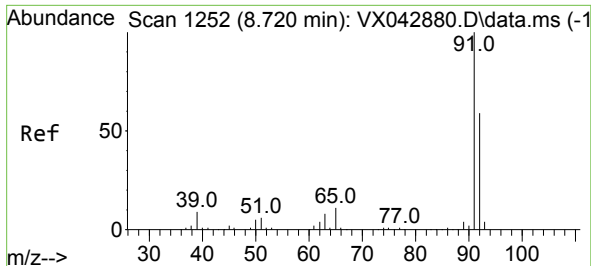
Tgt Ion: 98 Resp: 298083

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

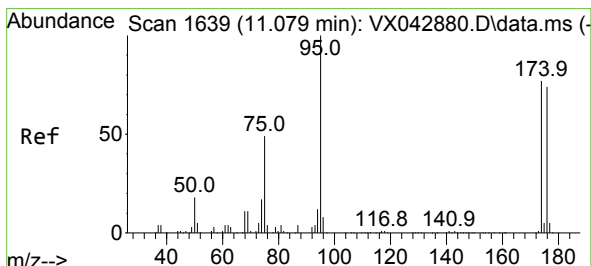
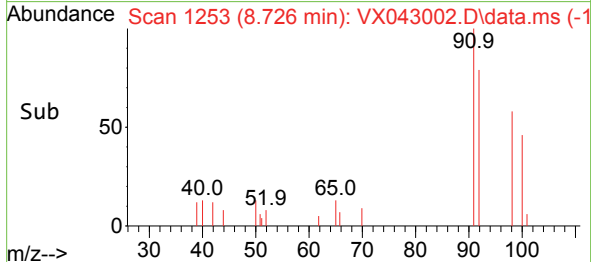
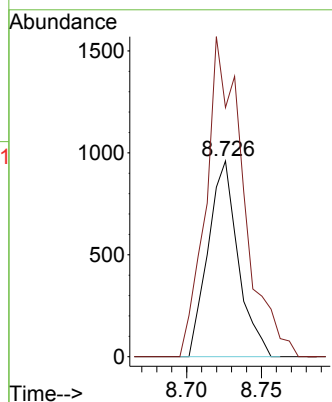
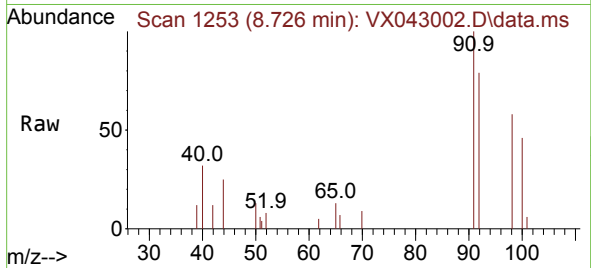




#52
Toluene
Concen: 0.335 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

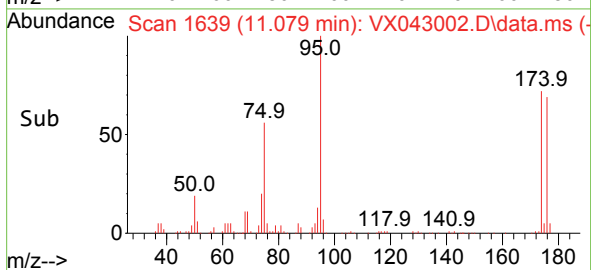
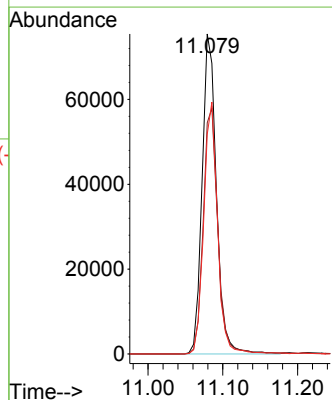
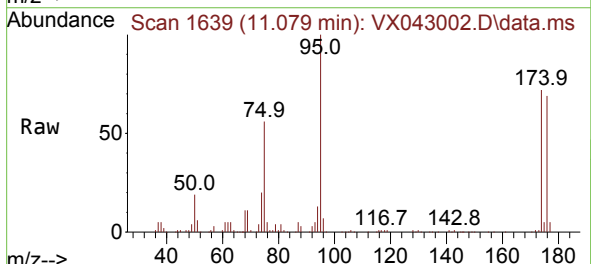
Instrument :
MSVOA_X
ClientSampleId :
924-K1-WS-080224

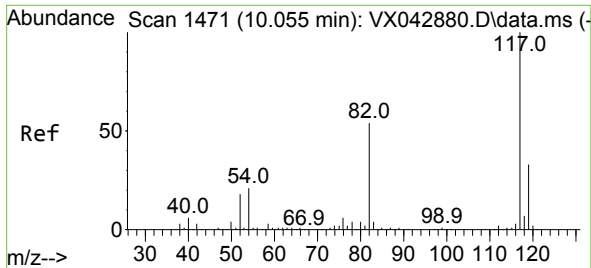
Tgt Ion: 92 Resp: 1342
Ion Ratio Lower Upper
92 100
91 203.2 134.2 201.2#



#62
4-Bromofluorobenzene
Concen: 49.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

Tgt Ion: 95 Resp: 100010
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 76.5 0.0 131.0

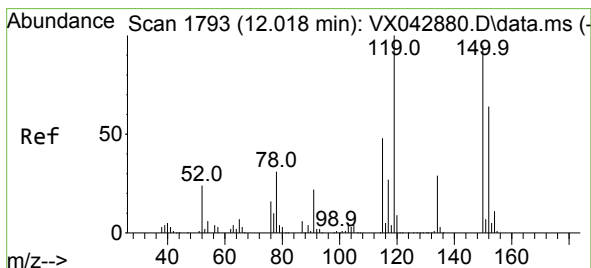
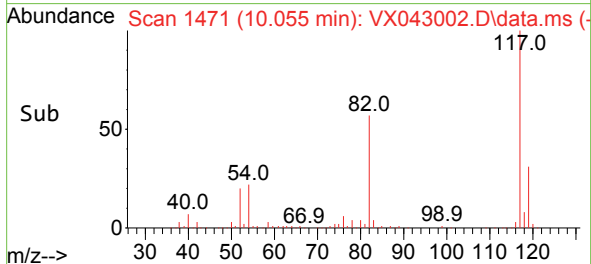
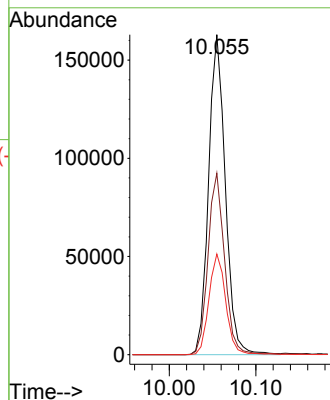
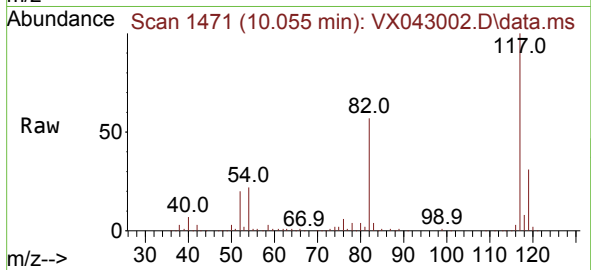




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

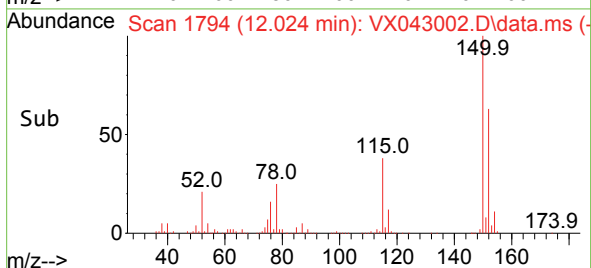
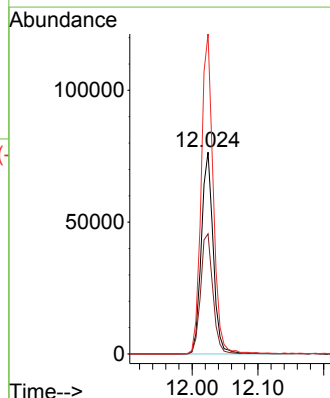
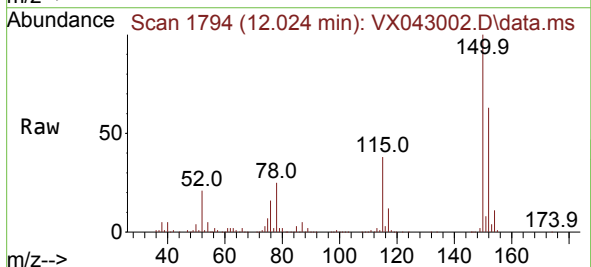
Instrument :
MSVOA_X
ClientSampleId :
924-K1-WS-080224

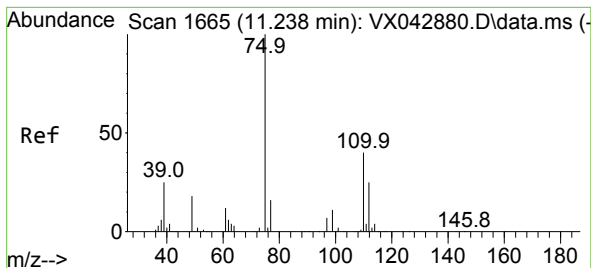
Tgt Ion:117 Resp: 218815
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043002.D
Acq: 09 Aug 2024 17:48

Tgt Ion:152 Resp: 96376
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 159.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.409 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043002.D

Acq: 09 Aug 2024 17:48

Instrument :

MSVOA_X

ClientSampleId :

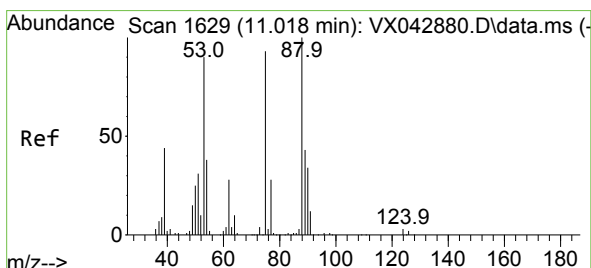
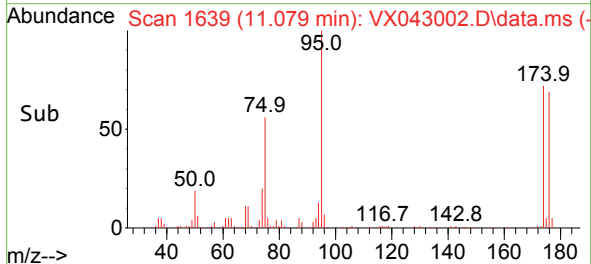
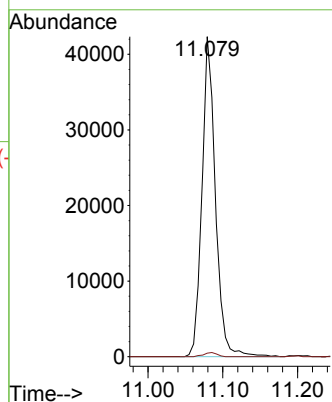
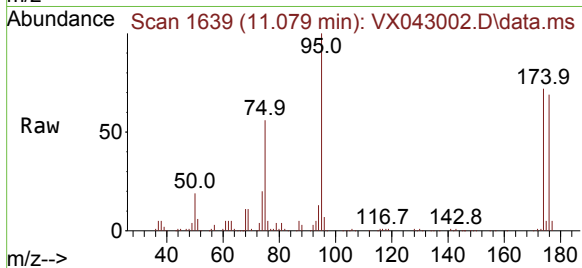
924-K1-WS-080224

Tgt Ion: 75 Resp: 52906

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.367 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043002.D

Acq: 09 Aug 2024 17:48

Tgt Ion: 75 Resp: 52906

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

