

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042917.D
 Acq On : 07 Aug 2024 15:48
 Operator : JC/MD
 Sample : P3374-02
 Misc : 8.62g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 02:03:07 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)

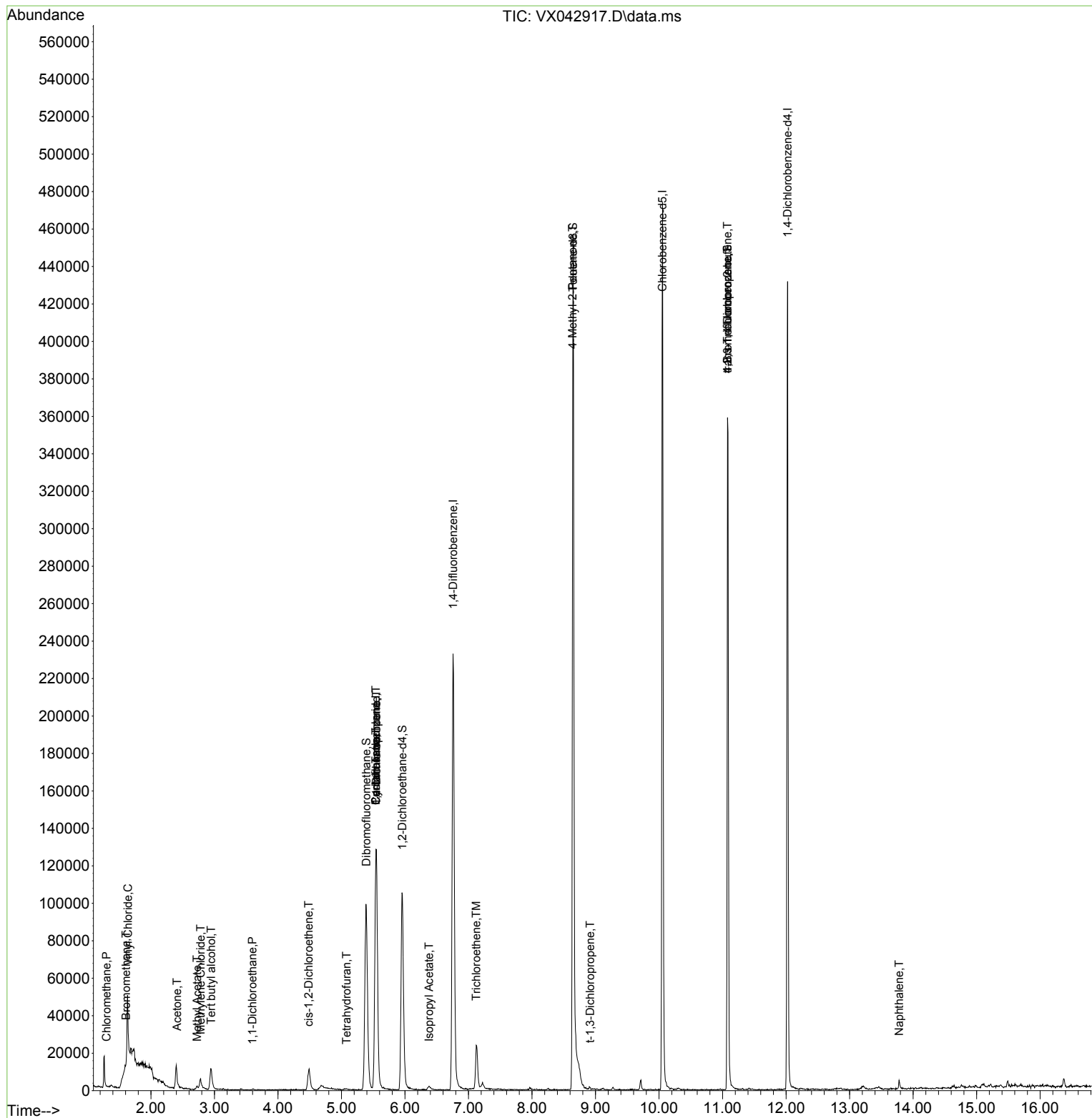
Internal Standards						
1) Pentafluorobenzene	5.544	168	129411	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	248922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110921	62.436	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 124.880%#	
35) Dibromofluoromethane	5.391	113	87532	53.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.560%	
50) Toluene-d8	8.647	98	285690	49.445	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	11.079	95	104926	50.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.080%	
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	348	0.229	ug/l	# 43
4) Vinyl Chloride	1.636	62	379	0.263	ug/l	# 43
5) Bromomethane	1.605	94	520	0.596	ug/l	90
11) Tert butyl alcohol	2.946	59	7670	21.705	ug/l	# 80
16) Acetone	2.410	43	596	0.773	ug/l	# 78
18) Methyl Acetate	2.727	43	3213	1.315	ug/l	93
20) Methylene Chloride	2.782	84	3389	1.220	ug/l	# 81
24) 1,1-Dichloroethane	3.599	63	554	0.203	ug/l	# 83
27) cis-1,2-Dichloroethene	4.483	96	7576	4.452	ug/l	81
29) Tetrahydrofuran	5.080	42	461	0.564	ug/l	# 53
31) Cyclohexane	5.544	56	2660	1.197	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10328	4.680	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	13514	5.425	ug/l	# 15
43) Isopropyl Acetate	6.379	43	1138	0.279	ug/l	# 62
44) Trichloroethene	7.123	130	8991	5.225	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	1393	0.509	ug/l	# 1
53) t-1,3-Dichloropropene	8.915	75	620	0.283	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	52138	24.836	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52138	80.756	ug/l	# 5
95) Naphthalene	13.780	128	4323	0.658	ug/l	# 94

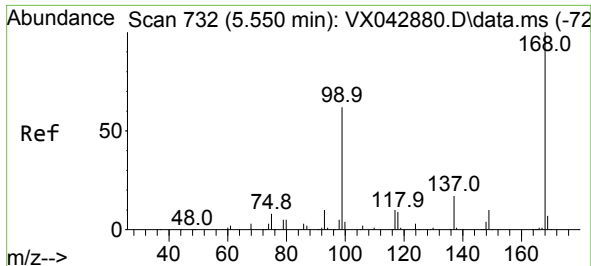
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

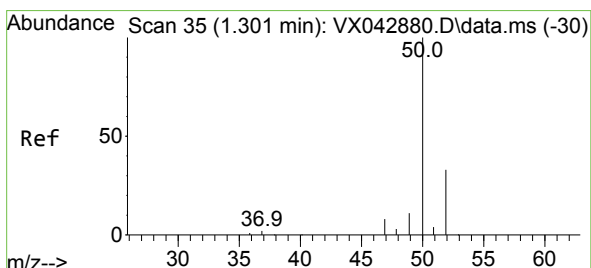
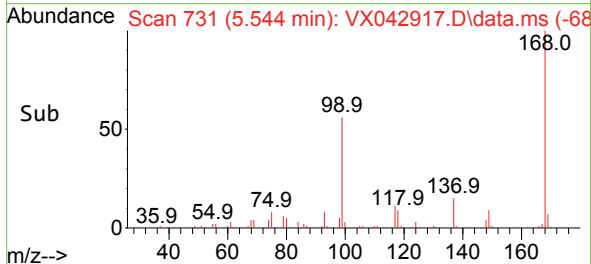
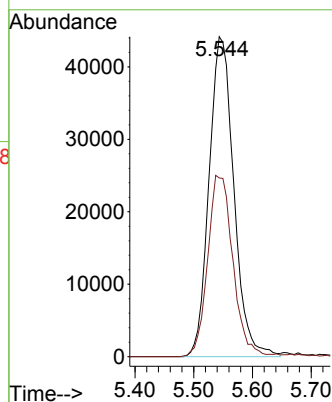
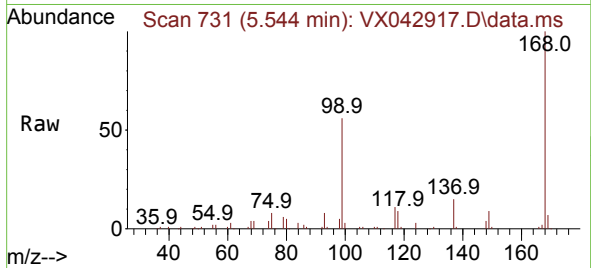




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

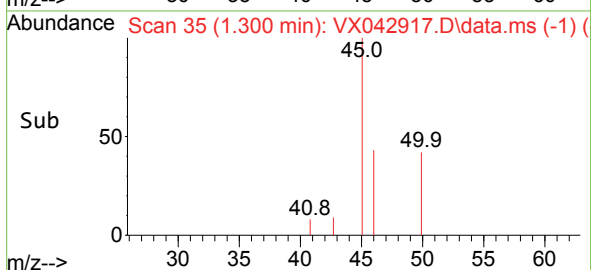
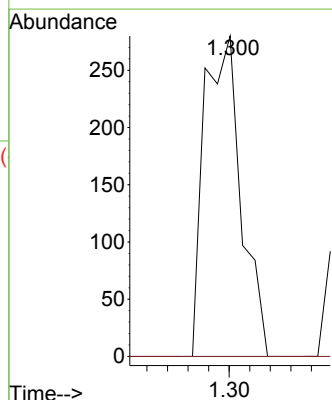
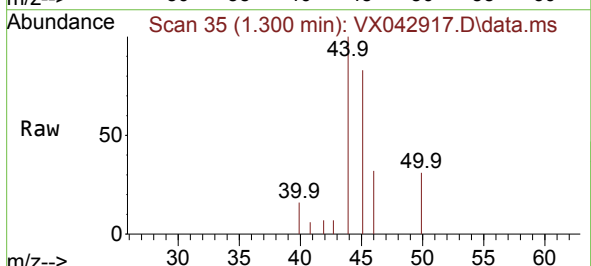
Instrument :
MSVOA_X
ClientSampleId :

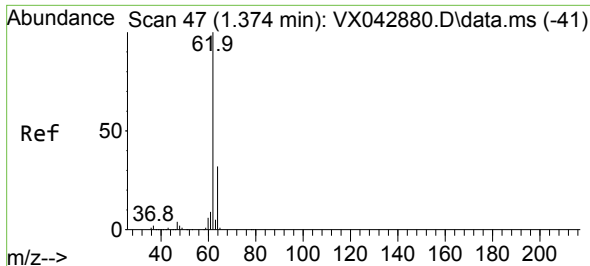
Tgt Ion:168 Resp: 129411
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

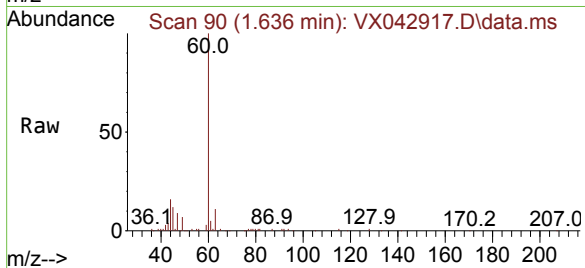
Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



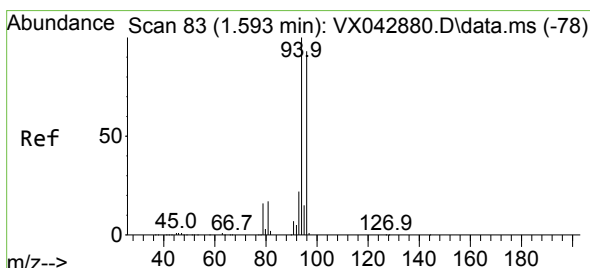
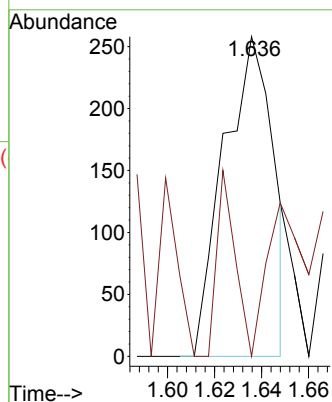
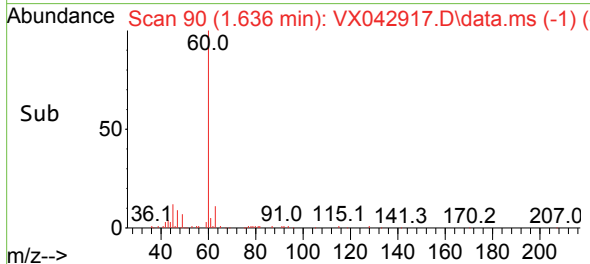


#4
Vinyl Chloride
Concen: 0.263 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.262 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :

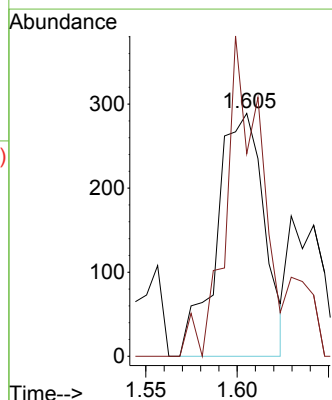
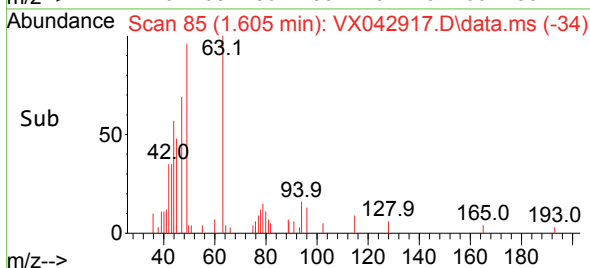
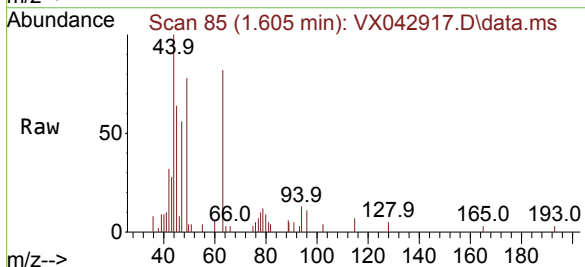


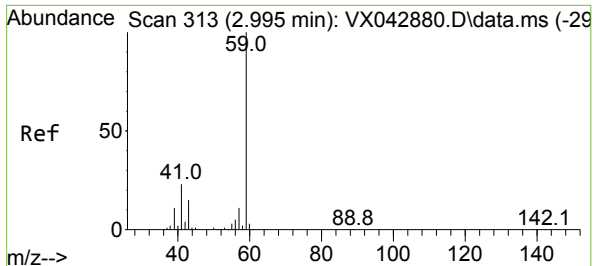
Tgt Ion: 62 Resp: 379
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#



#5
Bromomethane
Concen: 0.596 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 83.4 74.6 111.8





#11

Tert butyl alcohol

Concen: 21.705 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

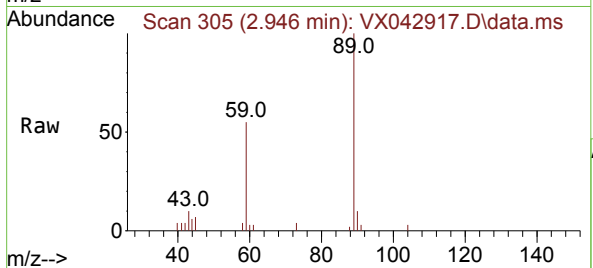
Lab File: VX042917.D

Acq: 07 Aug 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :

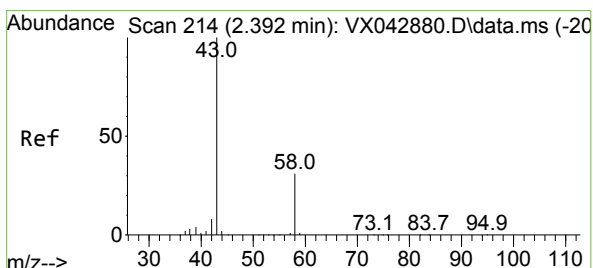
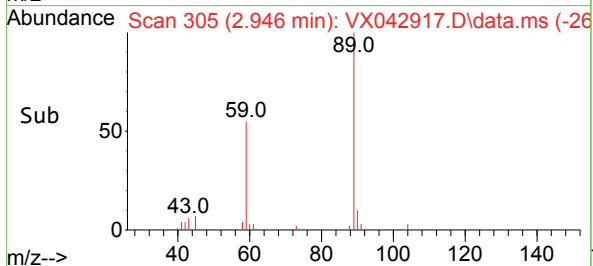
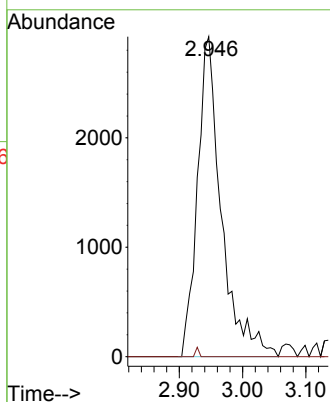


Tgt Ion: 59 Resp: 7670

Ion Ratio Lower Upper

59 100

57 0.4 6.0 9.0#



#16

Acetone

Concen: 0.773 ug/l

RT: 2.410 min Scan# 217

Delta R.T. 0.018 min

Lab File: VX042917.D

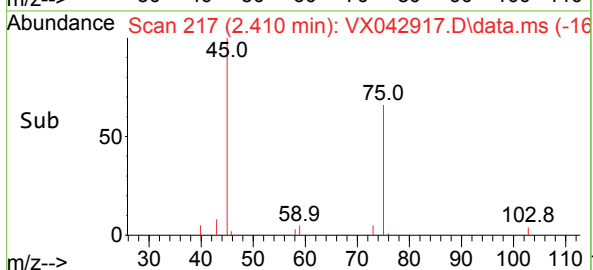
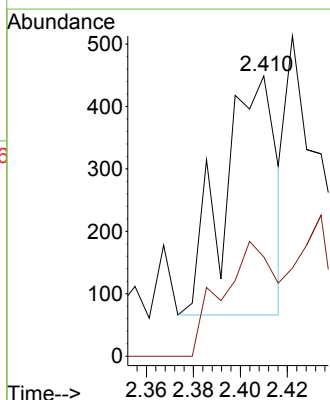
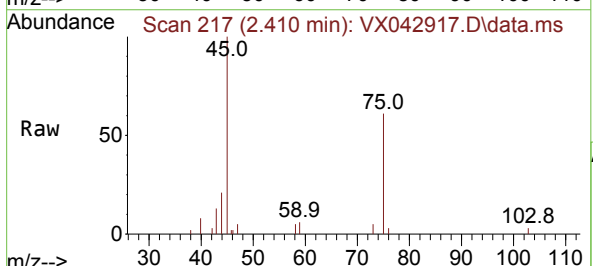
Acq: 07 Aug 2024 15:48

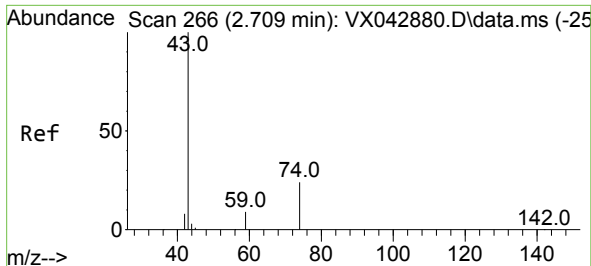
Tgt Ion: 43 Resp: 596

Ion Ratio Lower Upper

43 100

58 16.2 21.9 32.9#

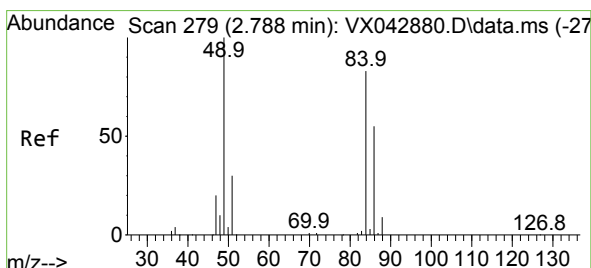
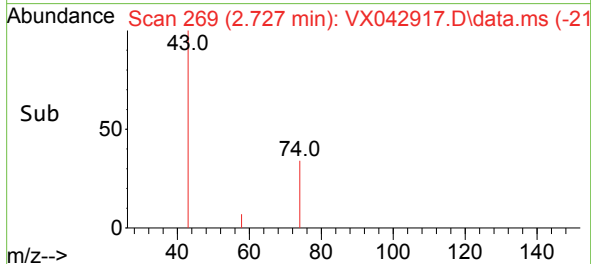
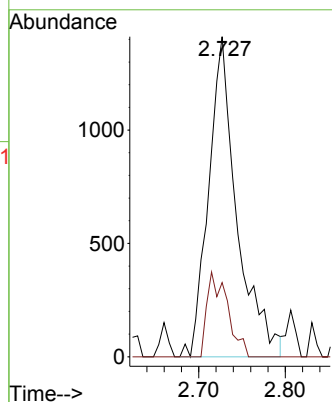
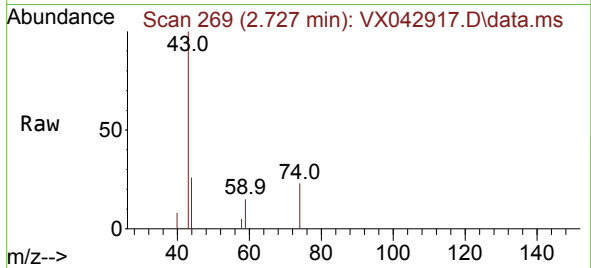




#18
Methyl Acetate
Concen: 1.315 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

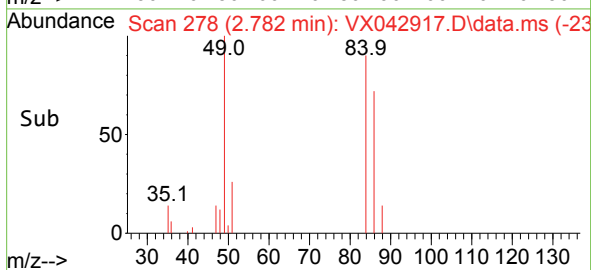
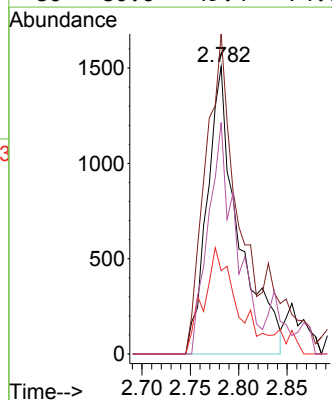
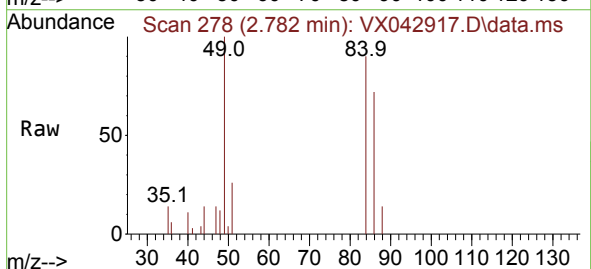
Instrument :
MSVOA_X
ClientSampleId :

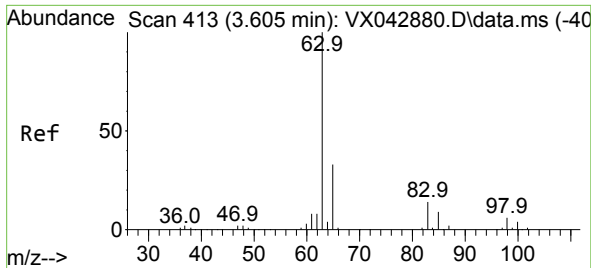
Tgt Ion: 43 Resp: 3213
Ion Ratio Lower Upper
43 100
74 19.2 17.8 26.8



#20
Methylene Chloride
Concen: 1.220 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion: 84 Resp: 3389
Ion Ratio Lower Upper
84 100
49 111.3 103.6 155.4
51 29.0 33.8 50.6#
86 80.6 49.4 74.0#

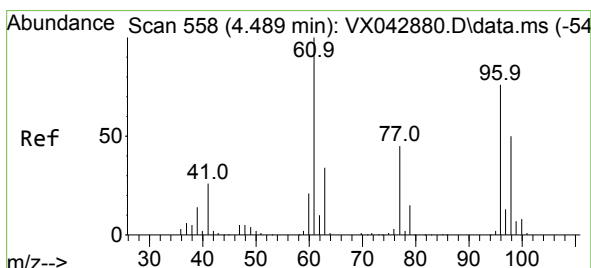
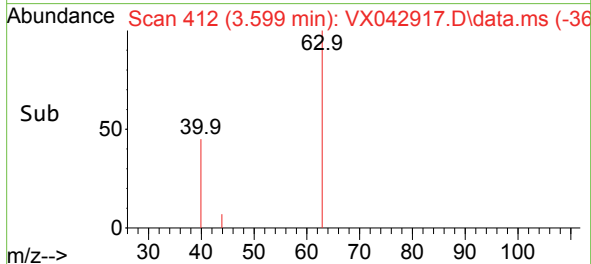
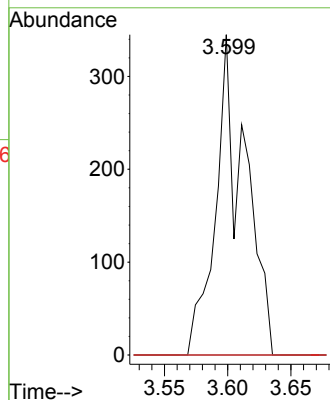
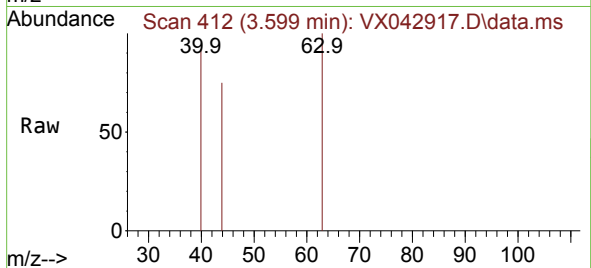




#24
1,1-Dichloroethane
Concen: 0.203 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

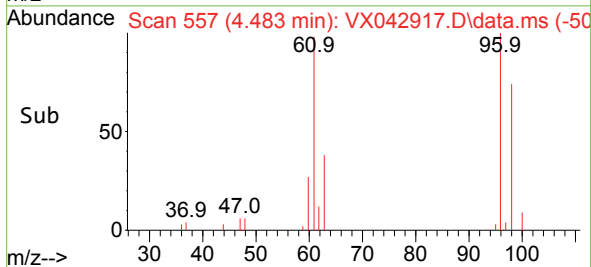
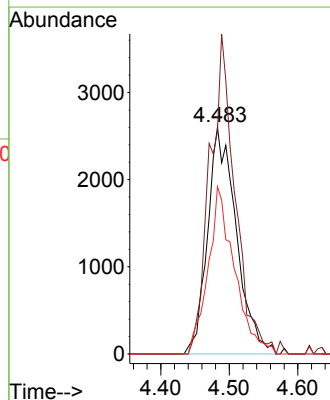
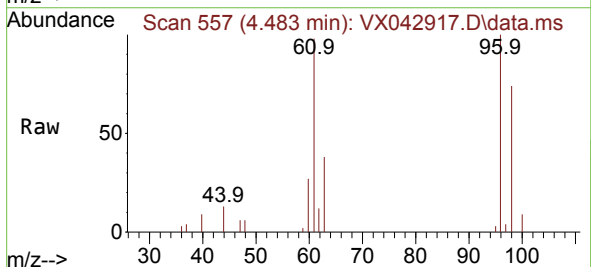
Instrument :
MSVOA_X
ClientSampleId :

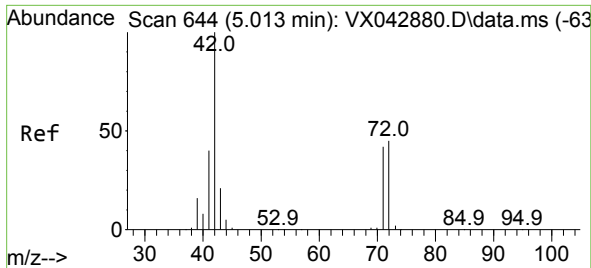
Tgt Ion: 63 Resp: 554
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 4.452 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

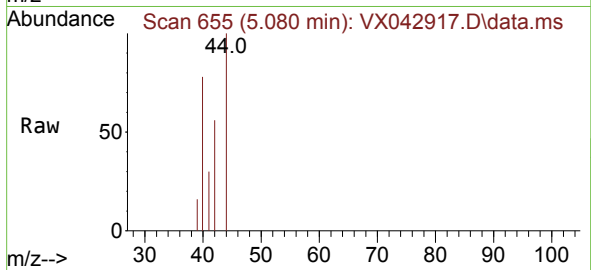
Tgt Ion: 96 Resp: 7576
Ion Ratio Lower Upper
96 100
61 123.6 0.0 312.2
98 67.8 0.0 129.0



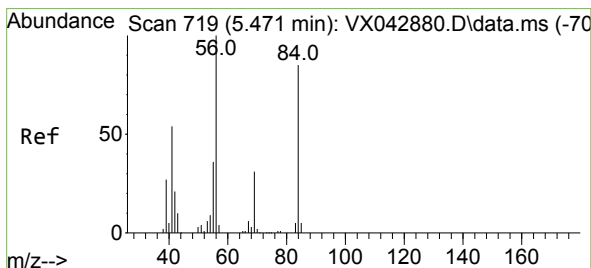
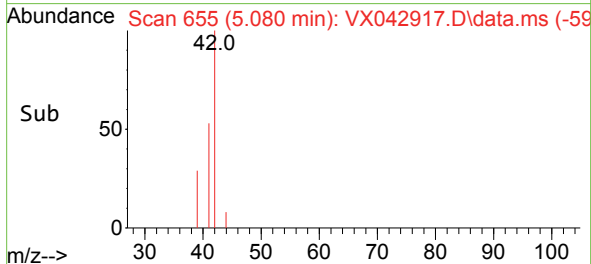
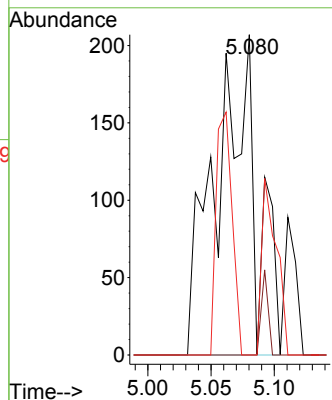


#29
Tetrahydrofuran
Concen: 0.564 ug/l
RT: 5.080 min Scan# 611
Delta R.T. 0.067 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

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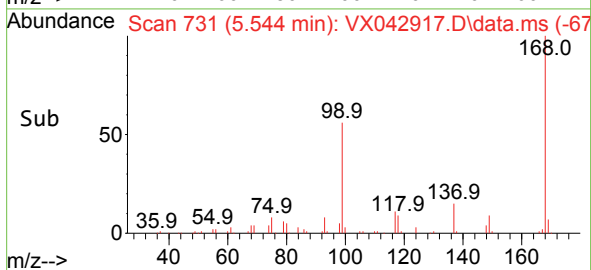
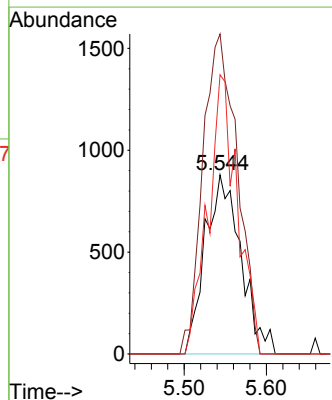
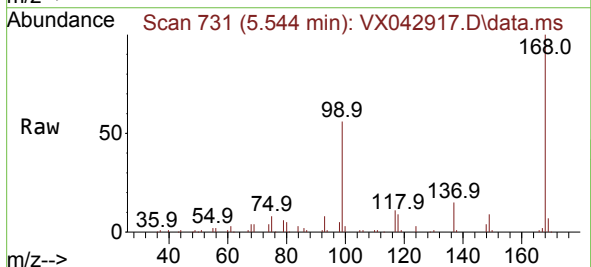


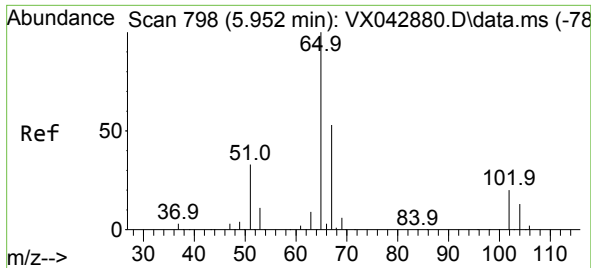
Tgt Ion: 42 Resp: 461
Ion Ratio Lower Upper
42 100
72 4.3 34.2 51.4#
71 20.2 32.2 48.2#



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion: 56 Resp: 2660
Ion Ratio Lower Upper
56 100
69 178.7 23.4 35.2#
84 156.0 65.9 98.9#

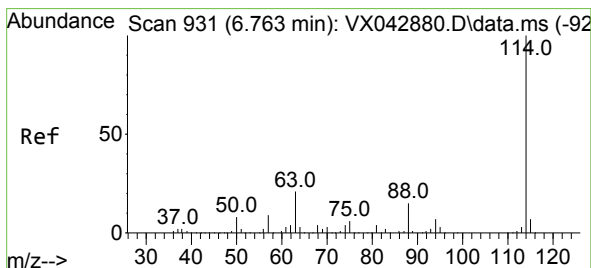
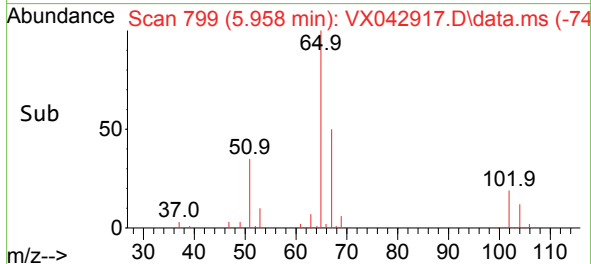
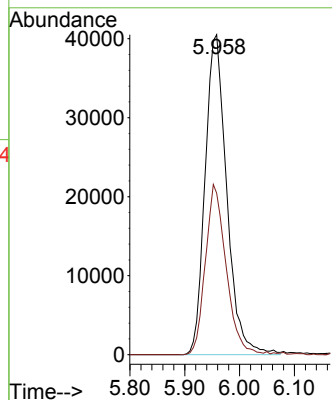
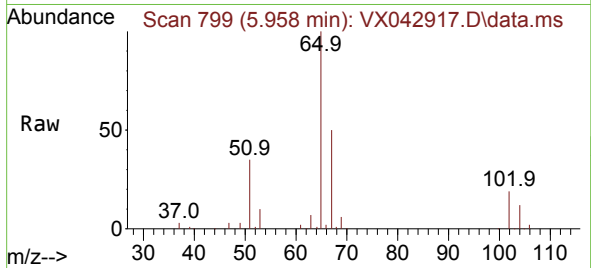




#33
1,2-Dichloroethane-d4
Concen: 62.436 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

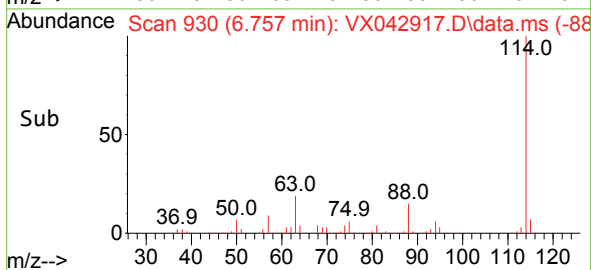
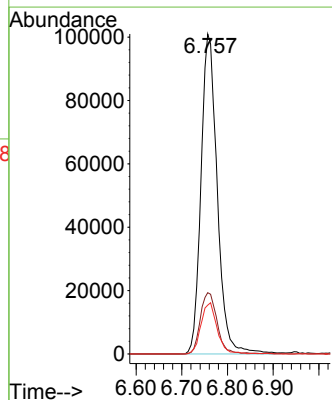
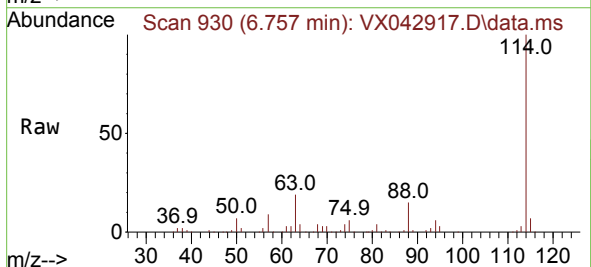
Instrument :
MSVOA_X
ClientSampleId :

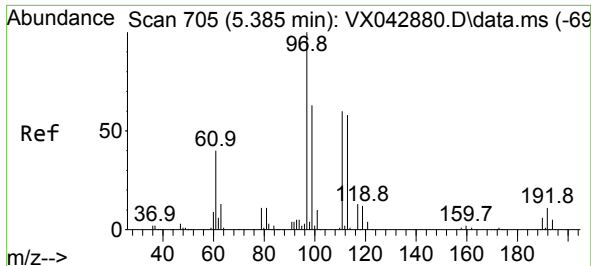
Tgt Ion: 65 Resp: 110921
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion:114 Resp: 248922
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.2 0.0 36.6

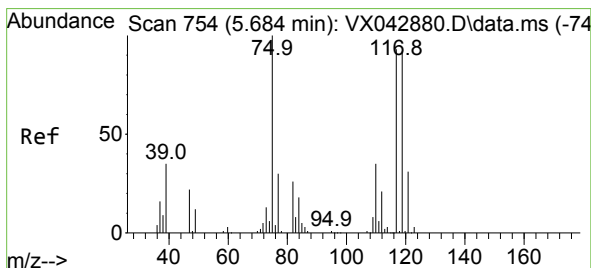
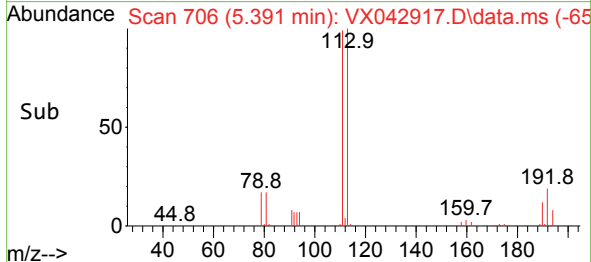
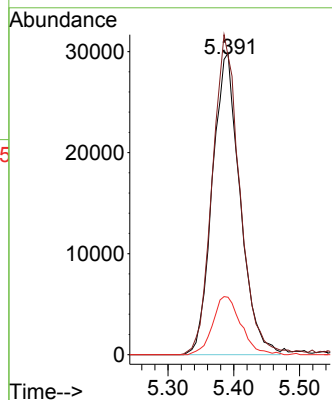
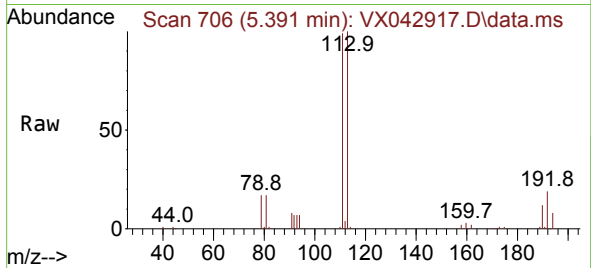




#35
Dibromofluoromethane
Concen: 53.781 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

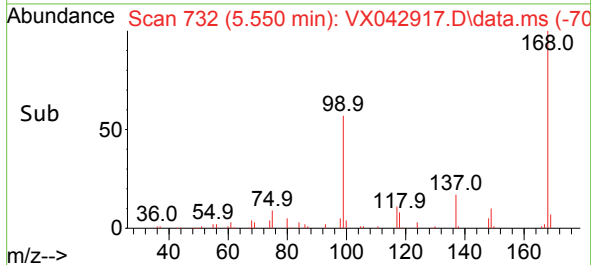
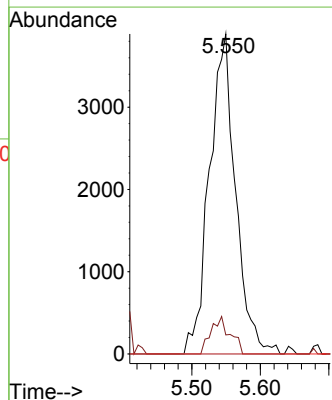
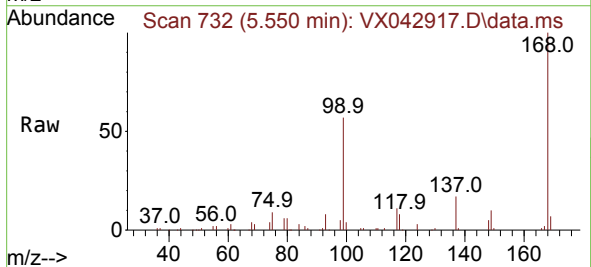
Instrument :
MSVOA_X
ClientSampleId :

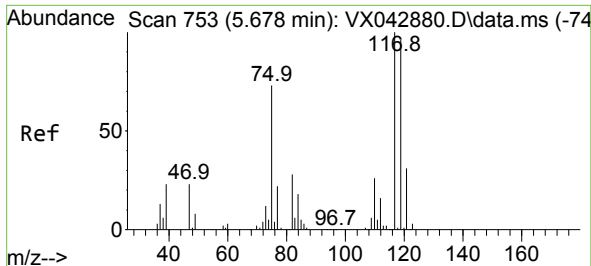
Tgt Ion:113 Resp: 87532
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 19.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

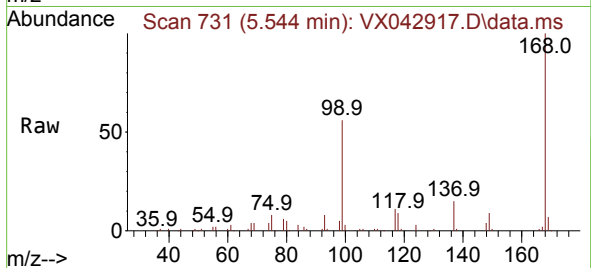
Tgt Ion: 75 Resp: 10328
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



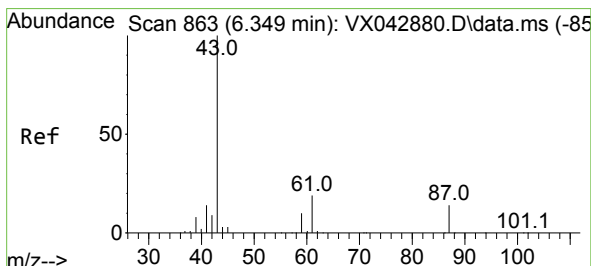
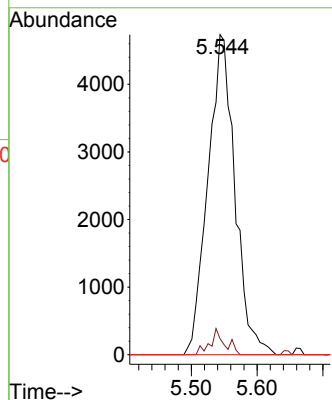
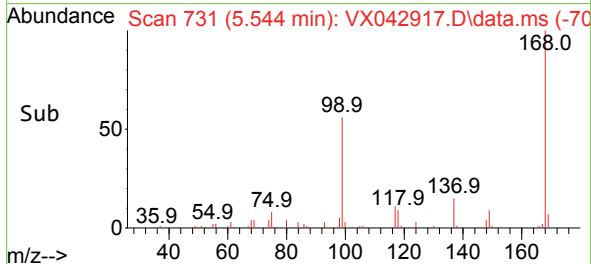


#38
Carbon Tetrachloride
Concen: 5.425 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :

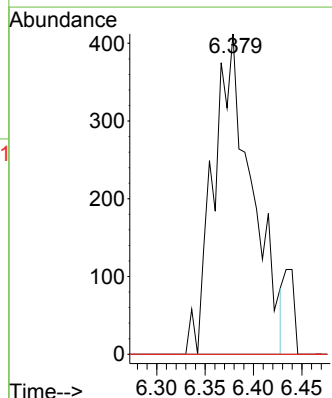
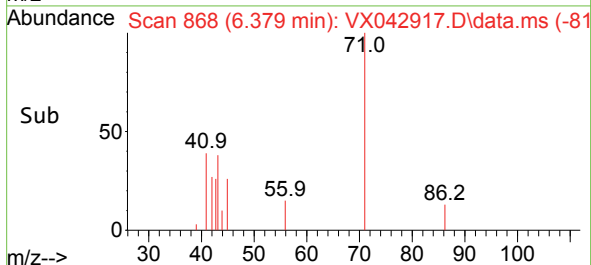
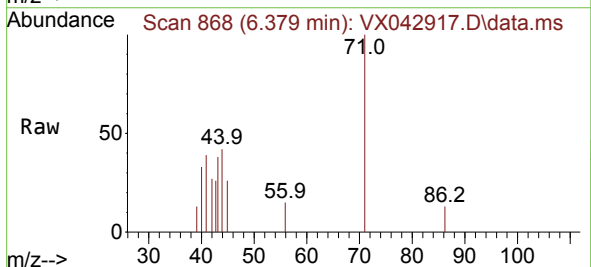


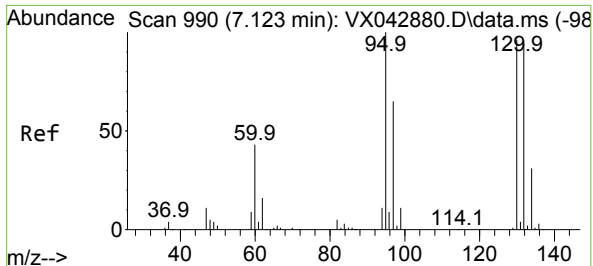
Tgt Ion:117 Resp: 13514
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.279 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.030 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#

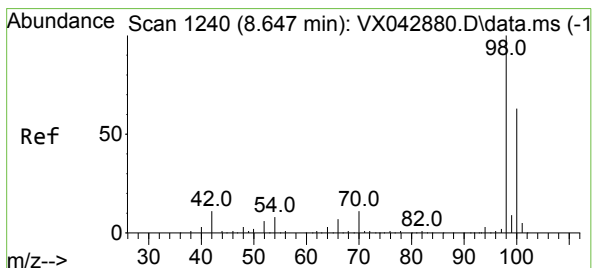
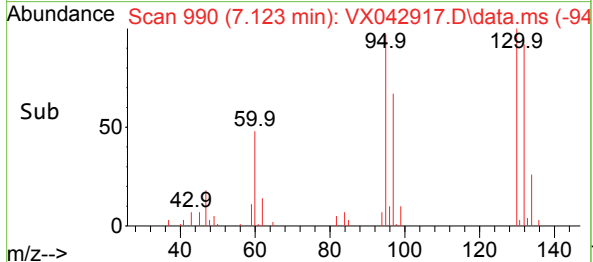
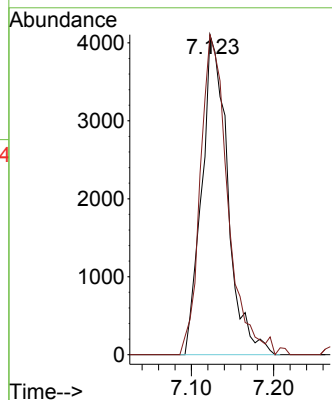
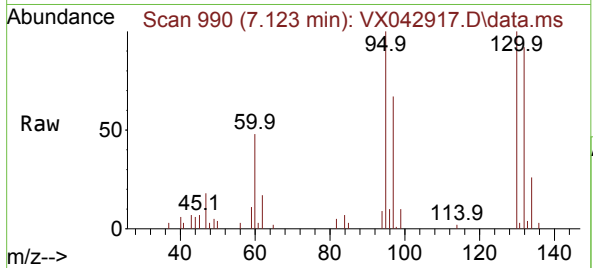




#44
Trichloroethene
Concen: 5.225 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

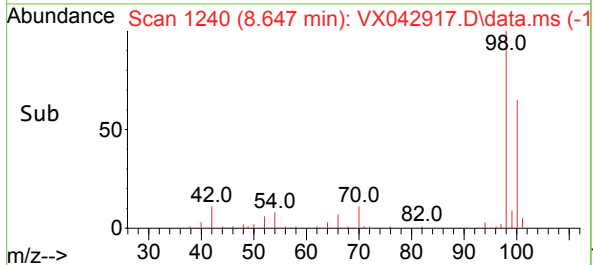
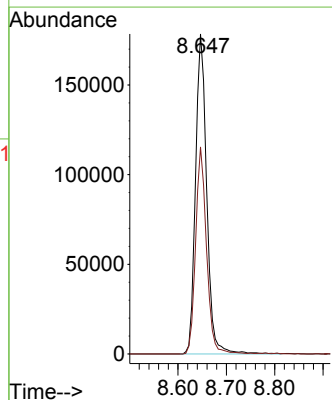
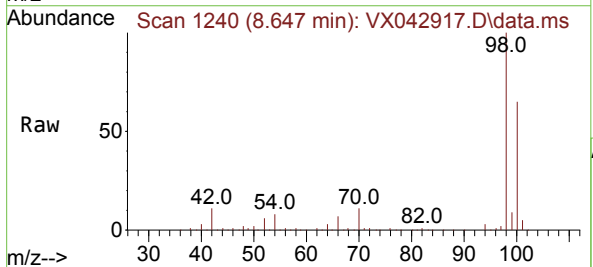
Instrument :
MSVOA_X
ClientSampleId :

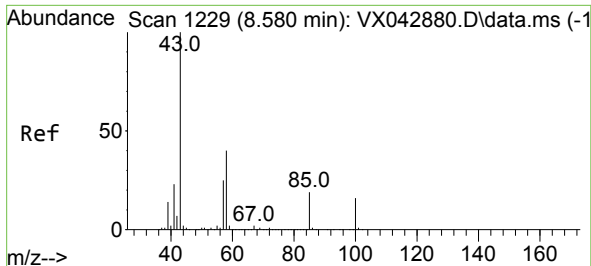
Tgt Ion:130 Resp: 8991
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.4



#50
Toluene-d8
Concen: 49.445 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion: 98 Resp: 285690
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

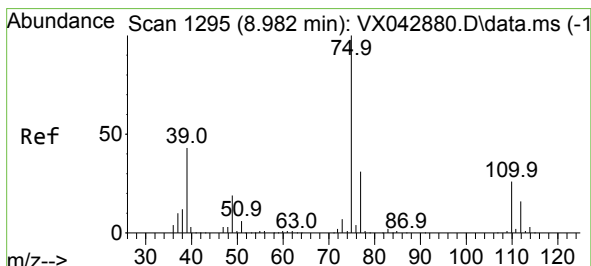
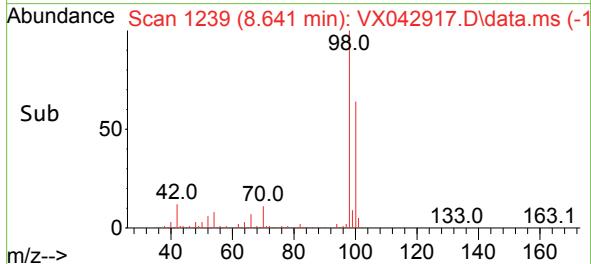
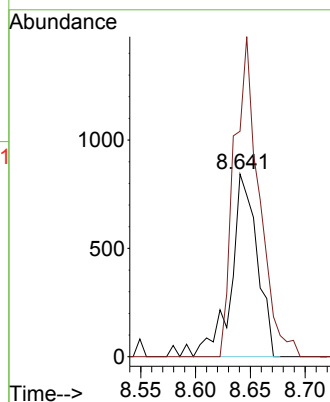
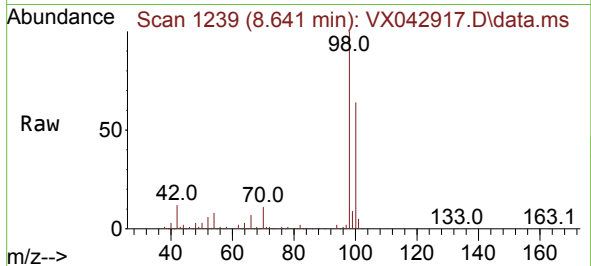




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

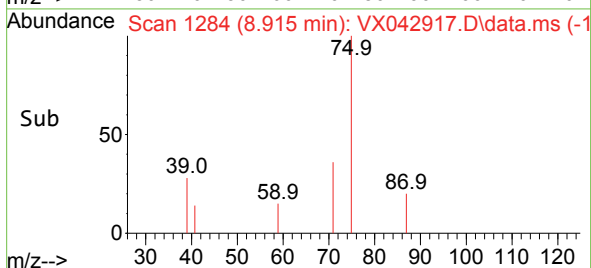
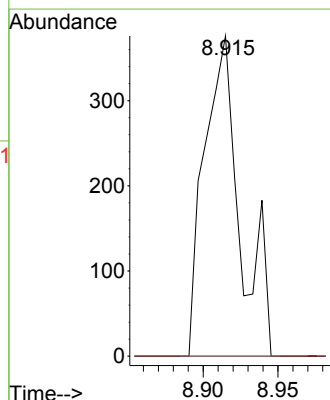
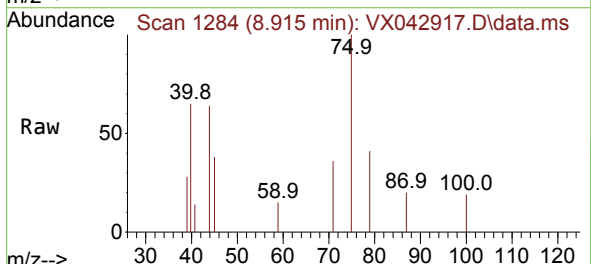
Instrument :
MSVOA_X
ClientSampleId :

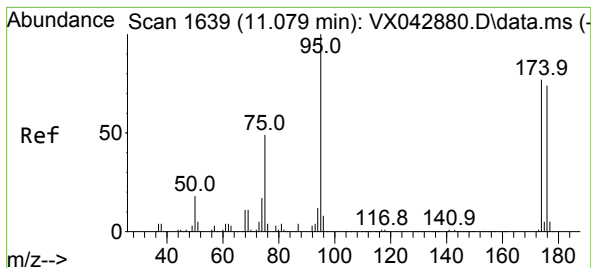
Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
58 167.3 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.283 ug/l
RT: 8.915 min Scan# 1284
Delta R.T. -0.067 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion: 75 Resp: 620
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

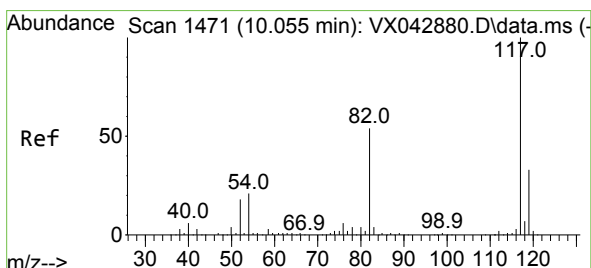
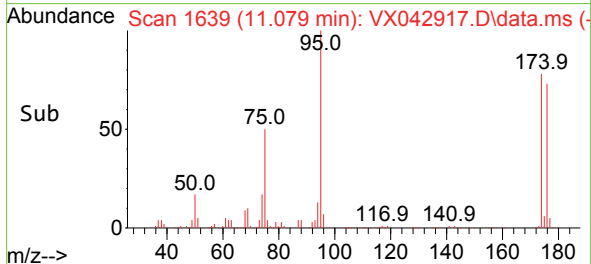
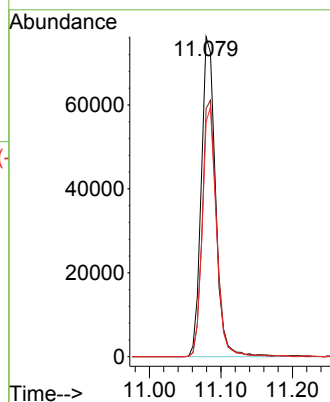
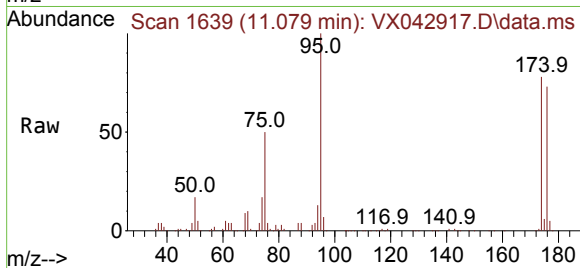




#62
4-Bromofluorobenzene
Concen: 50.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

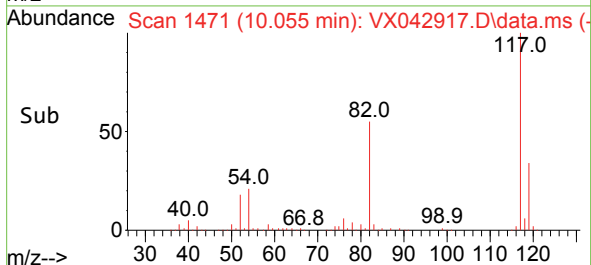
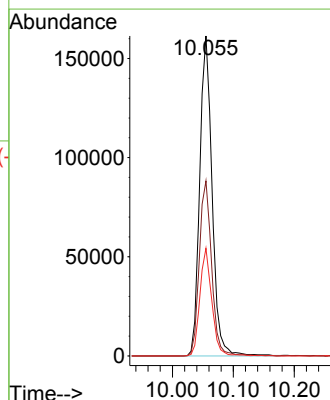
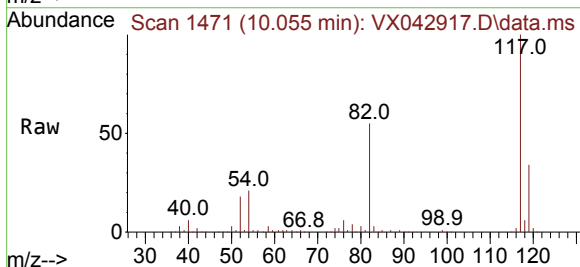
Instrument :
MSVOA_X
ClientSampleId :

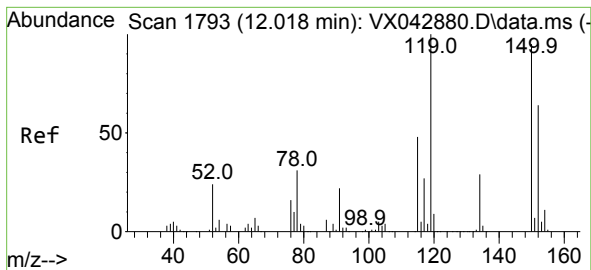
Tgt Ion: 95 Resp: 104926
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 77.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion: 117 Resp: 227710
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 33.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042917.D

Acq: 07 Aug 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :

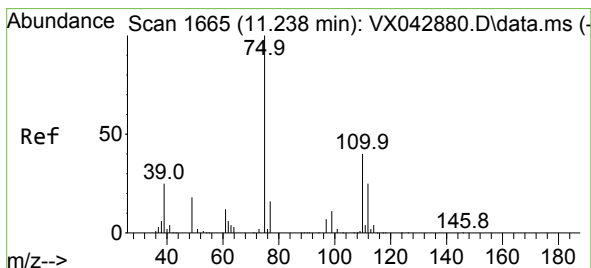
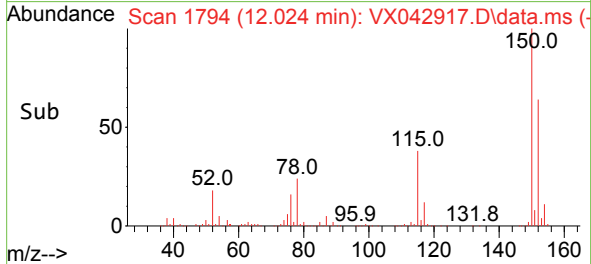
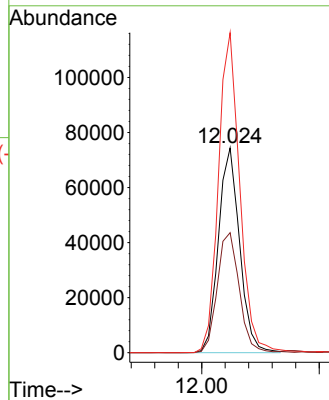
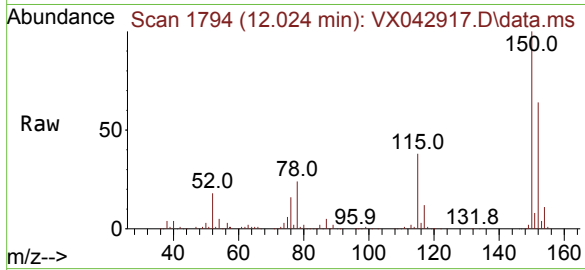
Tgt Ion:152 Resp: 93343

Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.836 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042917.D

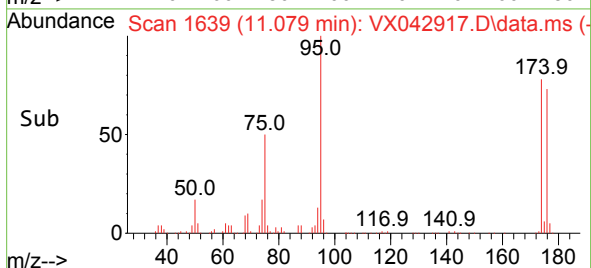
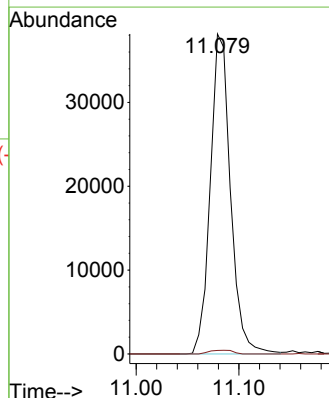
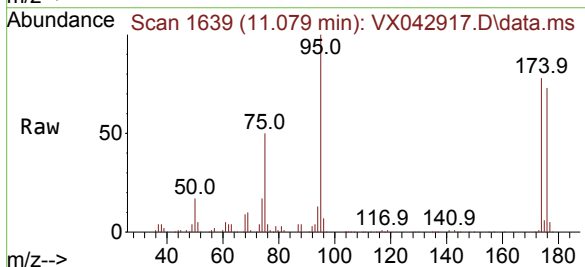
Acq: 07 Aug 2024 15:48

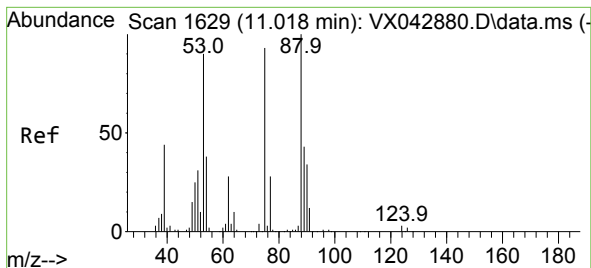
Tgt Ion: 75 Resp: 52138

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#

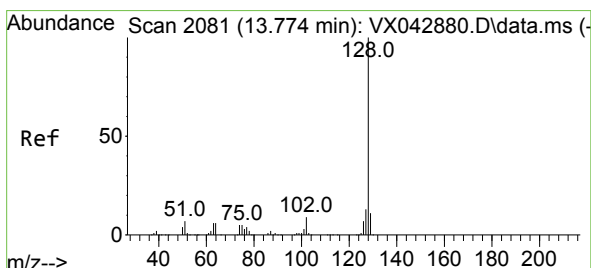
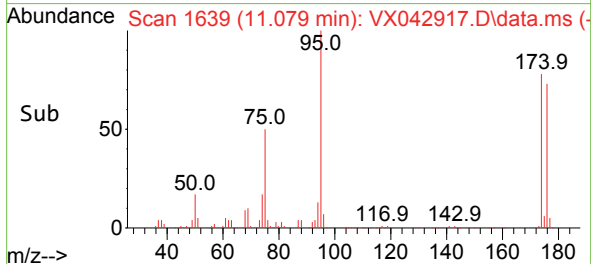
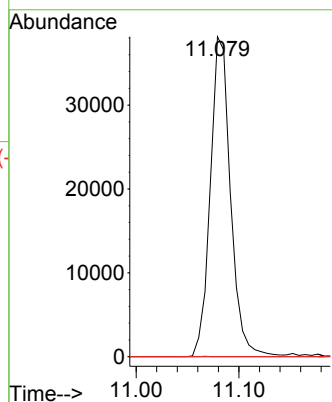
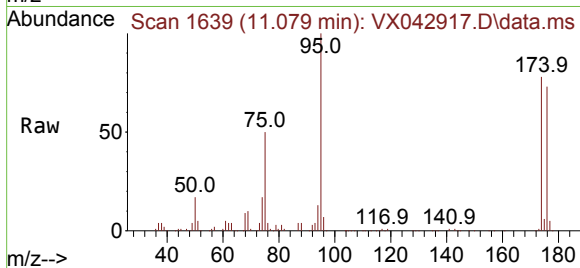




#81
trans-1,4-Dichloro-2-butene
Concen: 80.756 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52138
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.658 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042917.D
Acq: 07 Aug 2024 15:48

Tgt Ion:128 Resp: 4323
Ion Ratio Lower Upper
128 100
127 10.2 10.3 15.5#
129 9.4 8.8 13.2

