

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041717.D
 Acq On : 03 Jun 2024 20:12
 Operator : JC/MD
 Sample : P2657-10 100X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:55:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	138891	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	208563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78581	46.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.260%
35) Dibromofluoromethane	5.385	113	65078	45.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.260%
50) Toluene-d8	8.646	98	244392	48.505	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	92294	49.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%

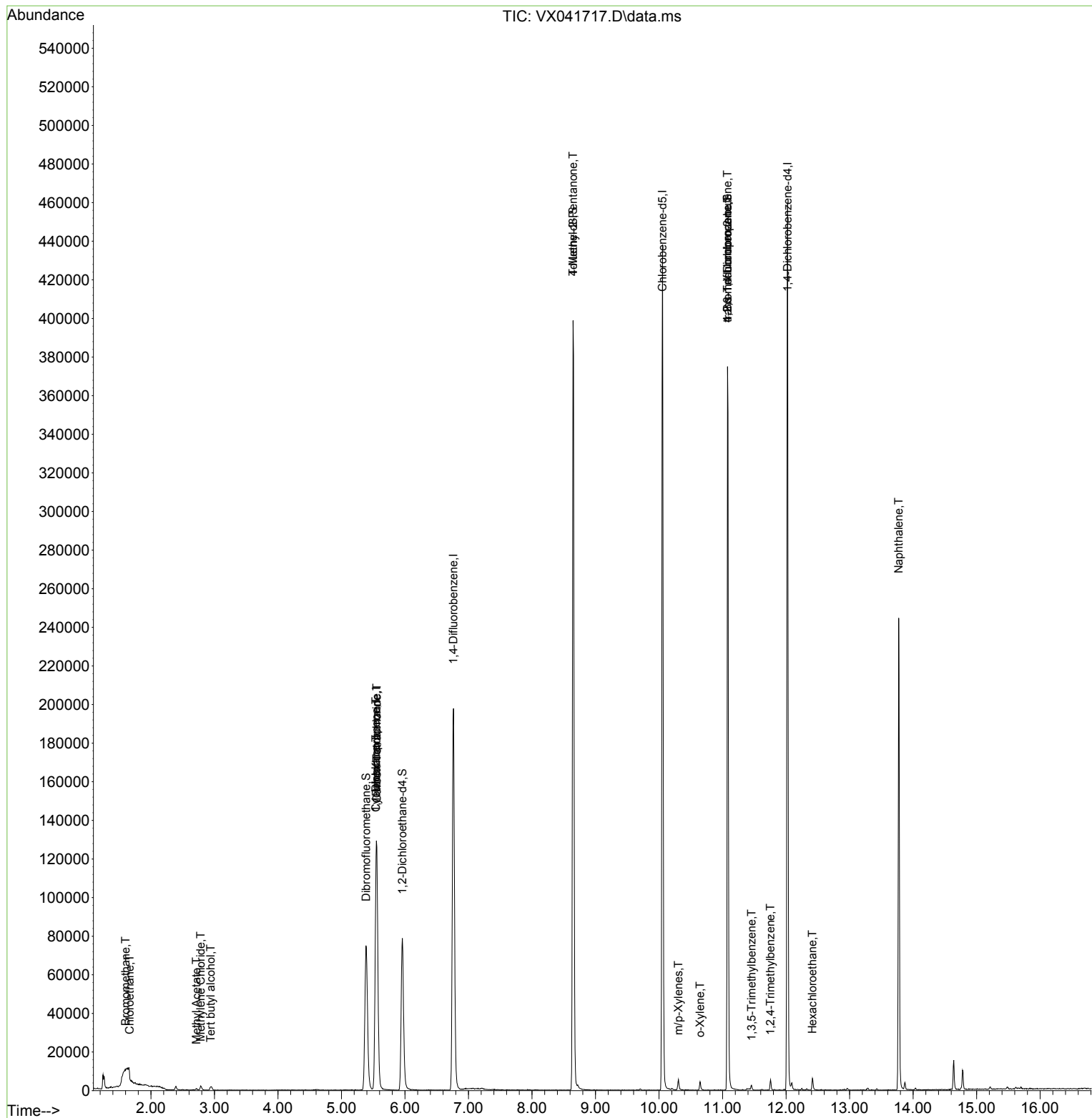
Target Compounds						Qvalue
5) Bromomethane	1.599	94	404	0.423	ug/l	# 63
6) Chloroethane	1.666	64	246	0.297	ug/l	# 88
11) Tert butyl alcohol	2.940	59	1167	3.873	ug/l	# 78
18) Methyl Acetate	2.715	43	949	0.583	ug/l	91
20) Methylene Chloride	2.782	84	986	0.647	ug/l	# 80
31) Cyclohexane	5.543	56	2533	1.259	ug/l	# 22
36) 1,1-Dichloropropene	5.543	75	8910	5.103	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	12464	6.283	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.646	43	1244	0.577	ug/l	# 1
68) m/p-Xylenes	10.305	106	1397	0.508	ug/l	93
69) o-Xylene	10.646	106	1065	0.389	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	48625	26.919	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.457	105	1635	0.305	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.079	75	48625	73.368	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	2741	0.505	ug/l	93
90) Hexachloroethane	12.414	117	227	0.230	ug/l	# 17
95) Naphthalene	13.774	128	155369	23.167	ug/l	100

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

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Operator : JC/MD
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Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

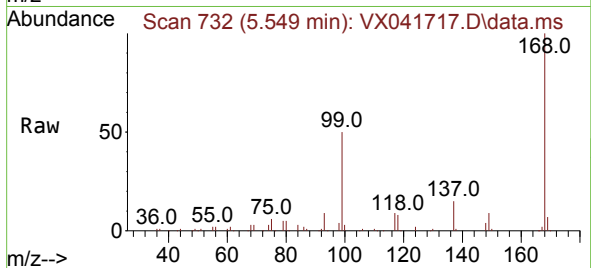
Quant Time: Jun 04 00:55:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



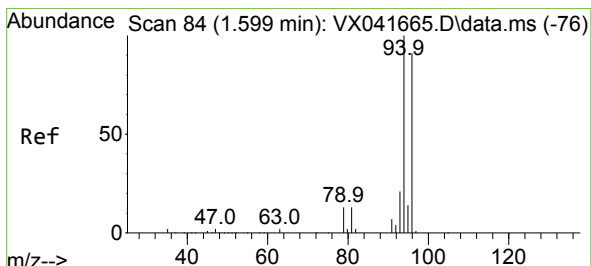
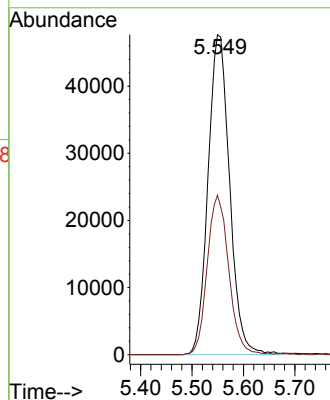
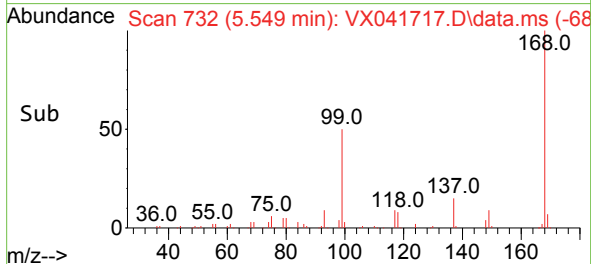


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Instrument :
MSVOA_X
ClientSampleId :

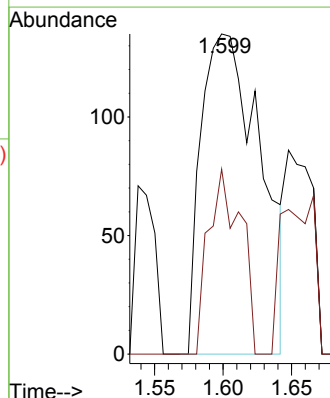
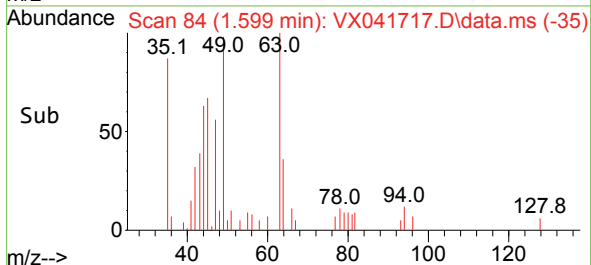
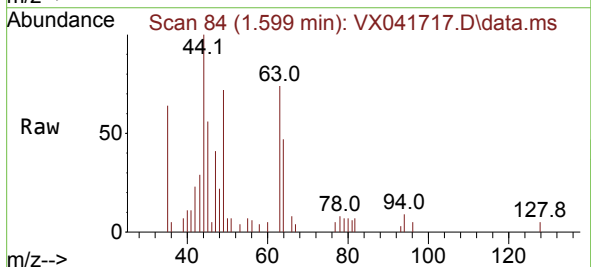


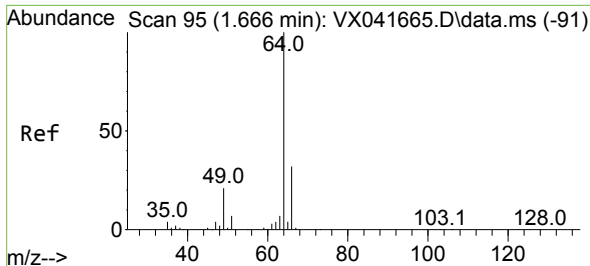
Tgt Ion:168 Resp: 138891
Ion Ratio Lower Upper
168 100
99 49.9 56.6 85.0#



#5
Bromomethane
Concen: 0.423 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 57.8 74.6 111.8#

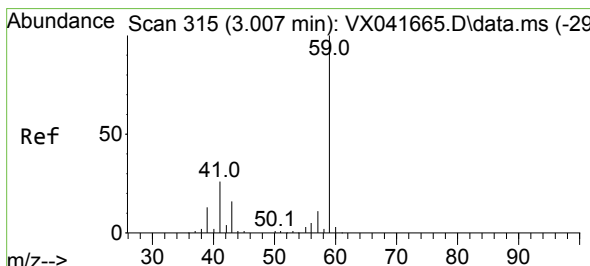
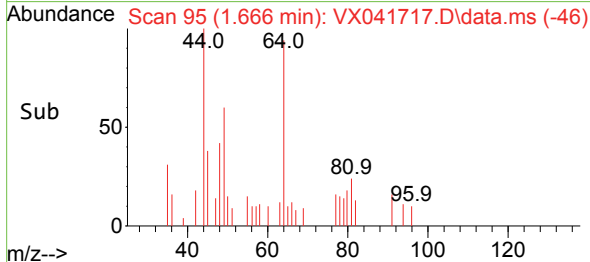
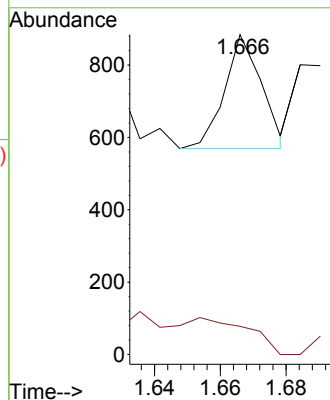
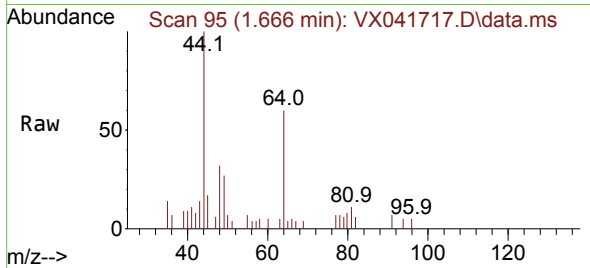




#6
Chloroethane
Concen: 0.297 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

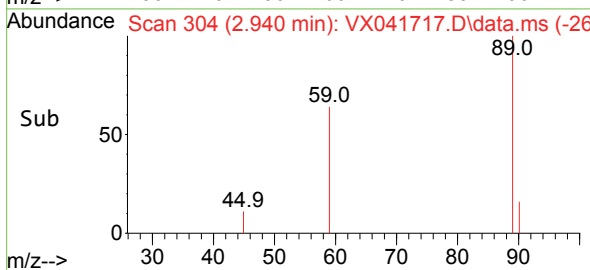
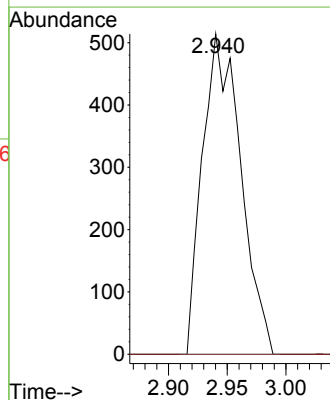
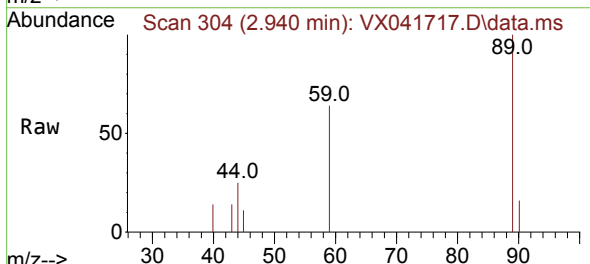
Instrument :
MSVOA_X
ClientSampleId :

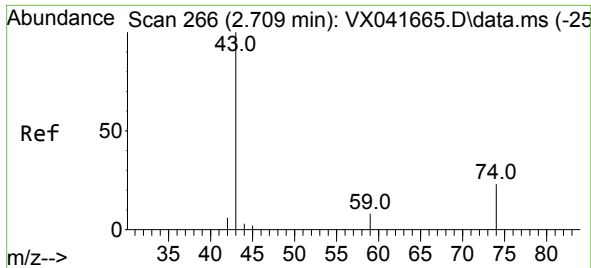
Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 24.8 25.1 37.7#



#11
Tert butyl alcohol
Concen: 3.873 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Tgt Ion: 59 Resp: 1167
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

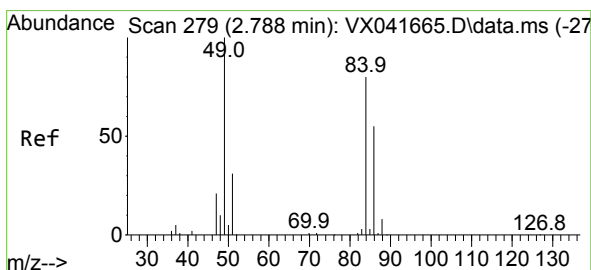
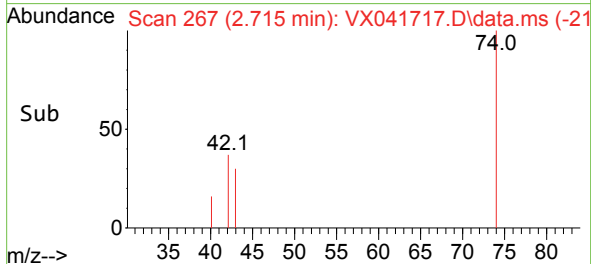
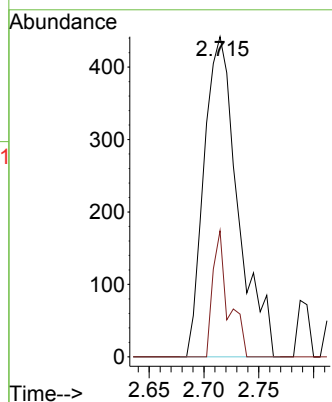
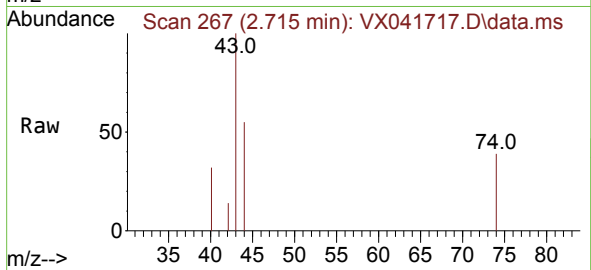




#18
Methyl Acetate
Concen: 0.583 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

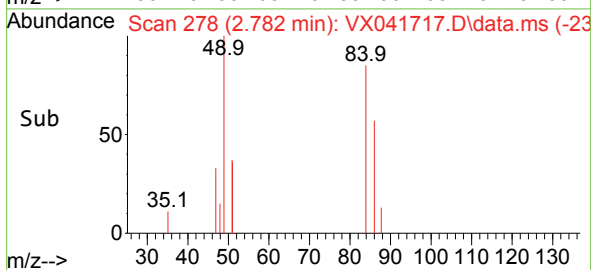
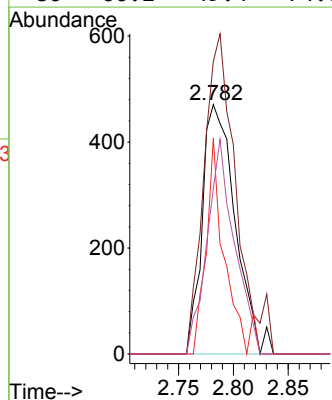
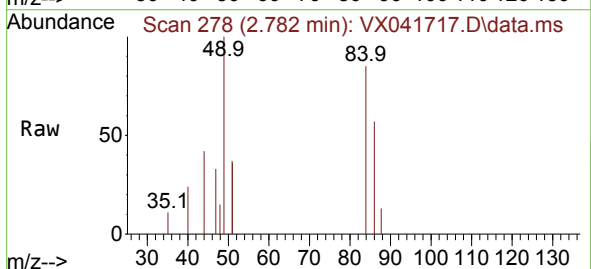
Instrument :
MSVOA_X
ClientSampleId :

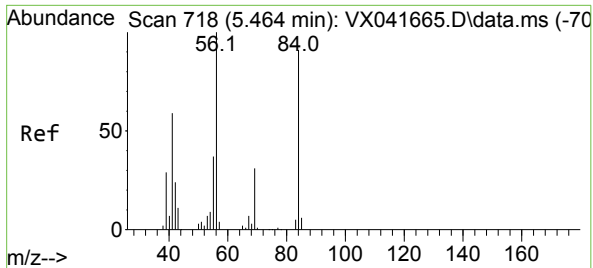
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
74 18.1 17.8 26.8



#20
Methylene Chloride
Concen: 0.647 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

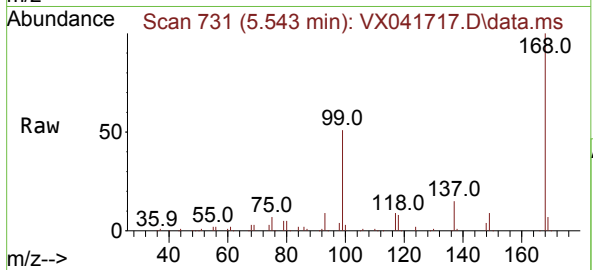
Tgt Ion: 84 Resp: 986
Ion Ratio Lower Upper
84 100
49 117.2 103.6 155.4
51 86.4 33.8 50.6#
86 66.2 49.4 74.0



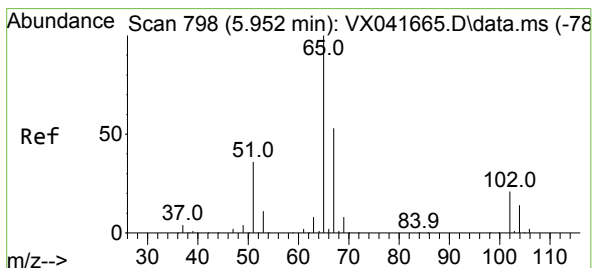
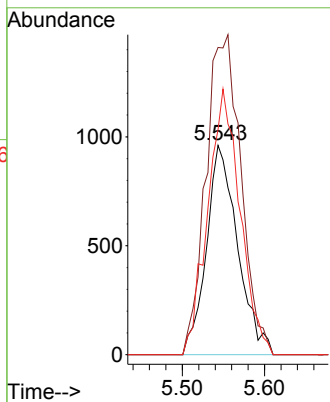
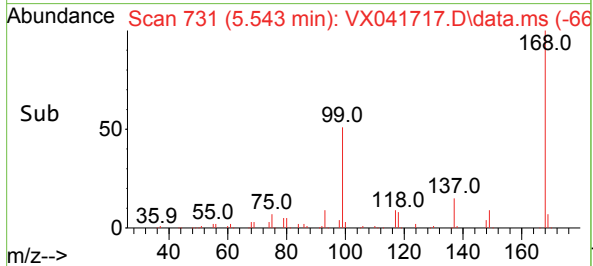


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Instrument :
MSVOA_X
ClientSampleId :

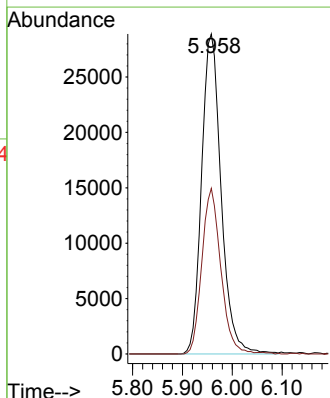
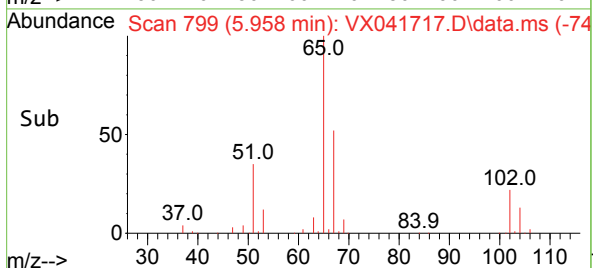
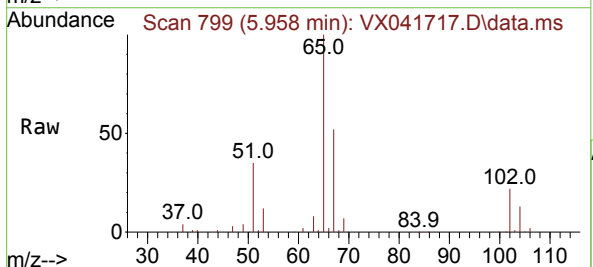


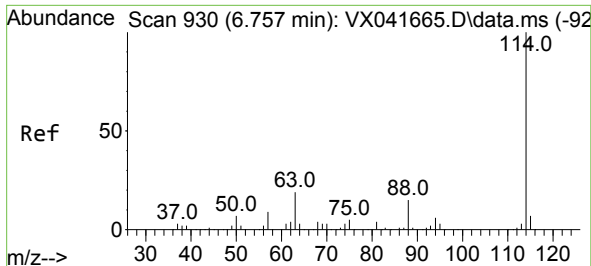
Tgt Ion: 56 Resp: 2533
Ion Ratio Lower Upper
56 100
69 146.7 23.4 35.2#
84 107.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.130 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Tgt Ion: 65 Resp: 78581
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

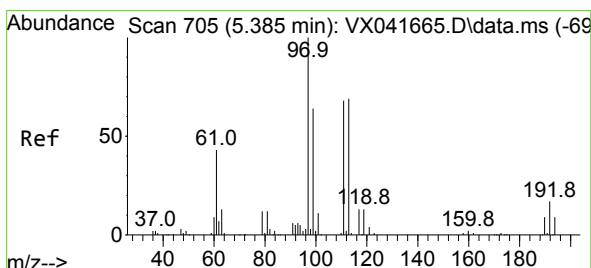
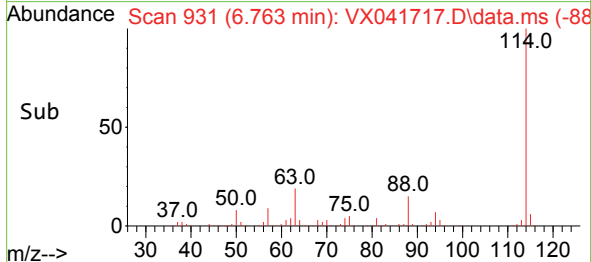
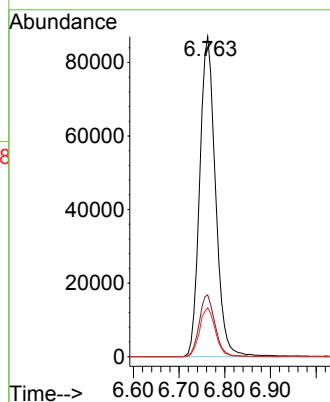
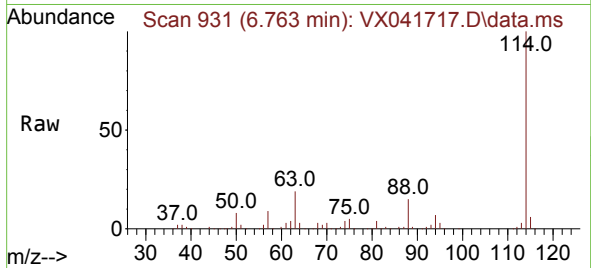




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

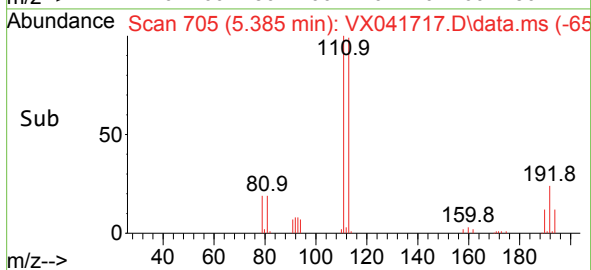
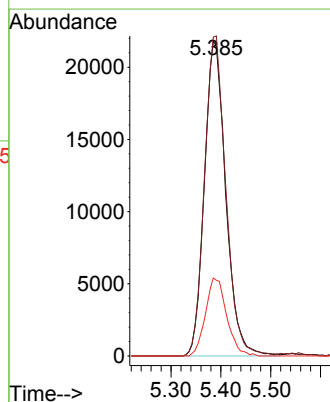
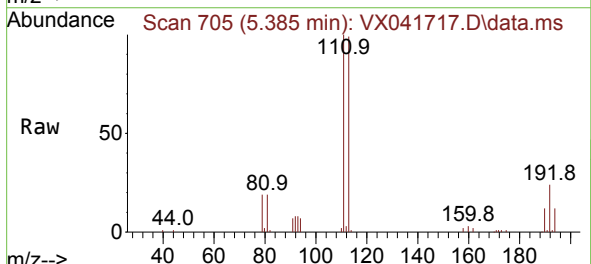
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MSVOA_X
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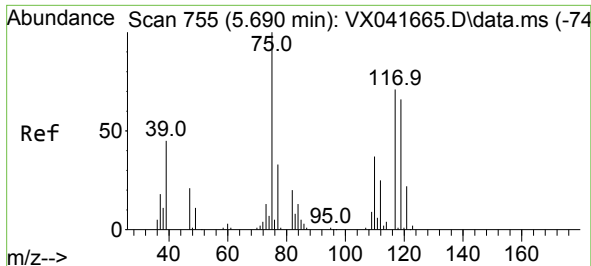
Tgt Ion:114 Resp: 208563
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.131 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

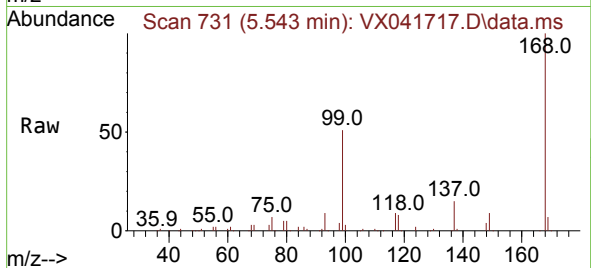
Tgt Ion:113 Resp: 65078
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 24.5 13.3 19.9#



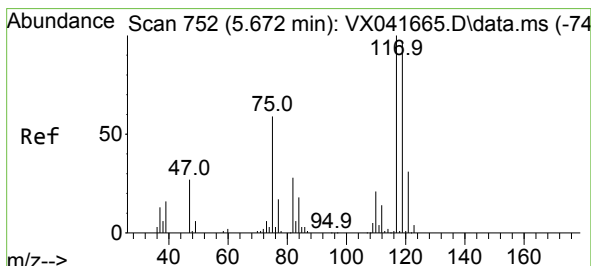
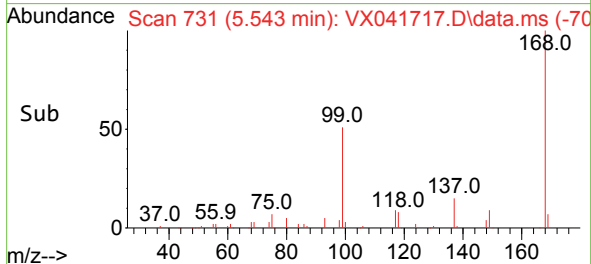
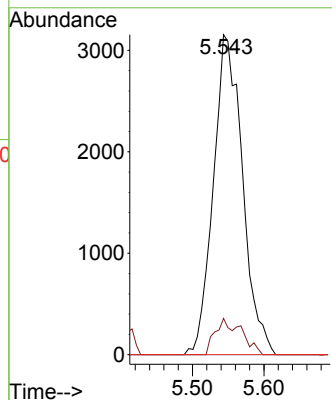


#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 5.543 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Instrument :
MSVOA_X
ClientSampleId :

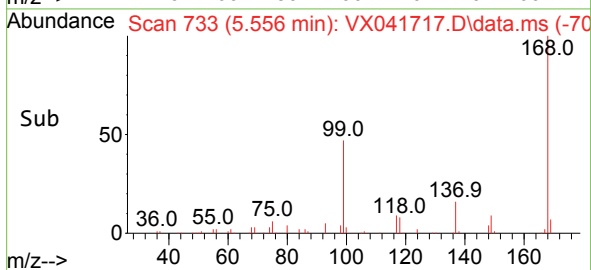
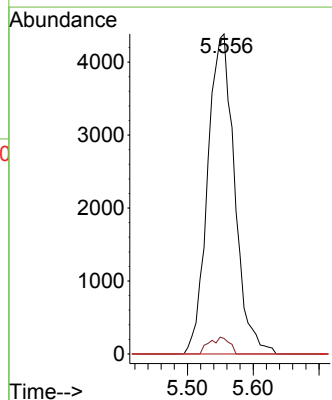
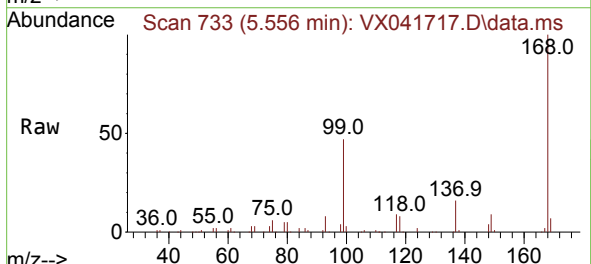


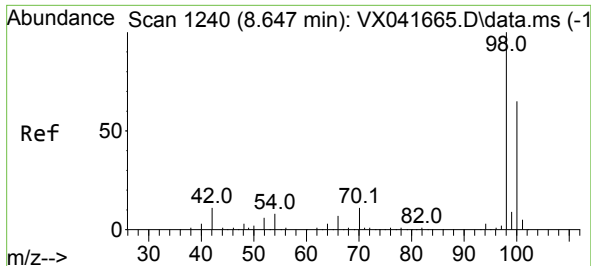
Tgt Ion: 75 Resp: 8910
Ion Ratio Lower Upper
75 100
110 6.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Tgt Ion: 117 Resp: 12464
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

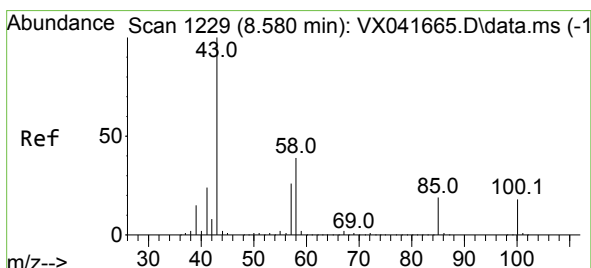
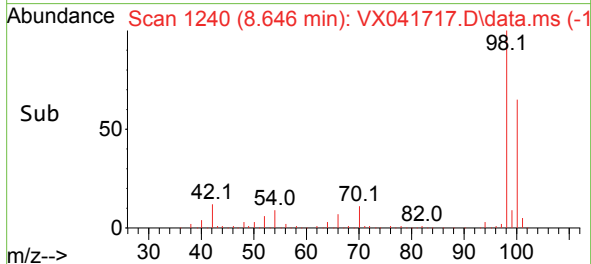
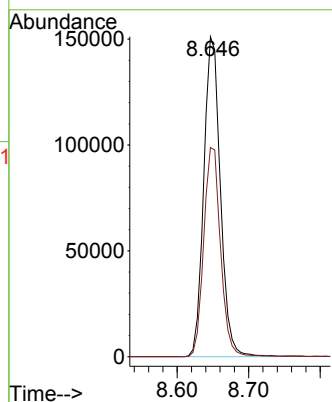
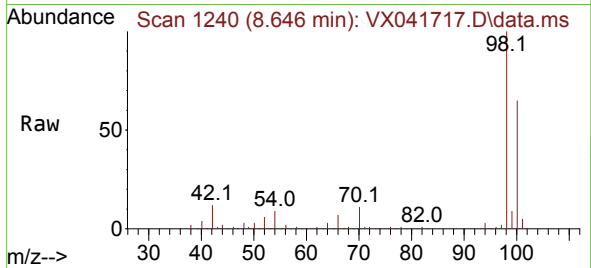




#50
Toluene-d8
Concen: 48.505 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

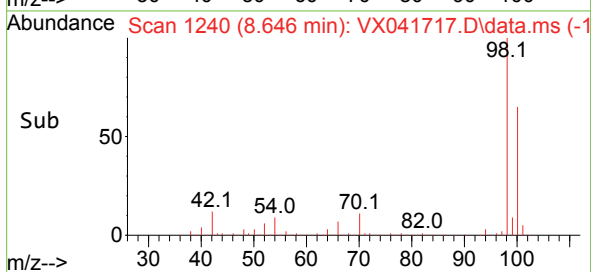
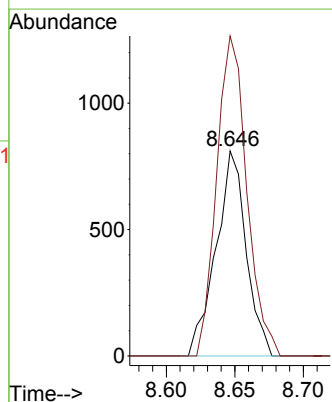
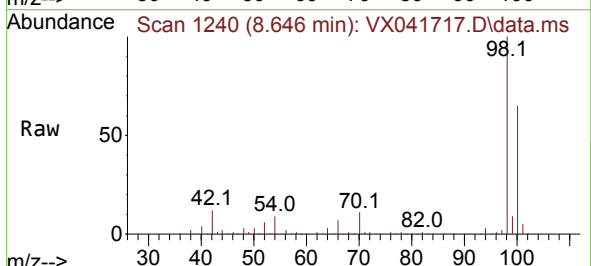
Instrument :
MSVOA_X
ClientSampleId :

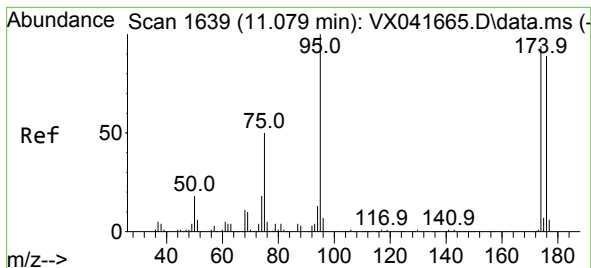
Tgt Ion: 98 Resp: 244392
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

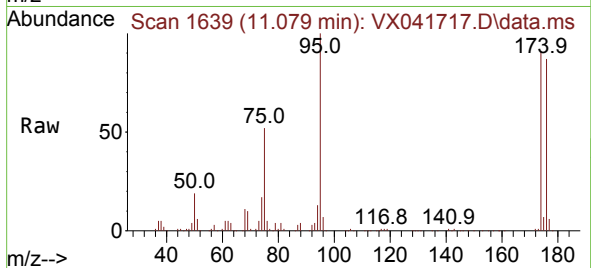
Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 155.7 30.4 45.6#



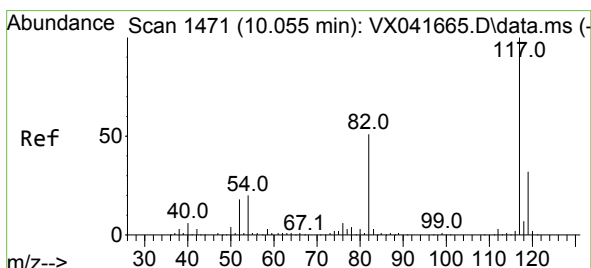
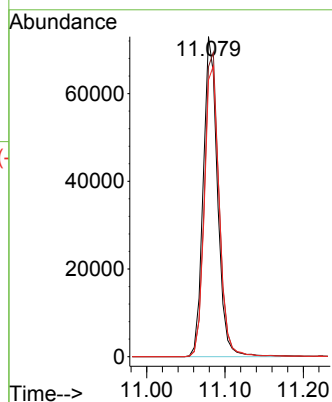
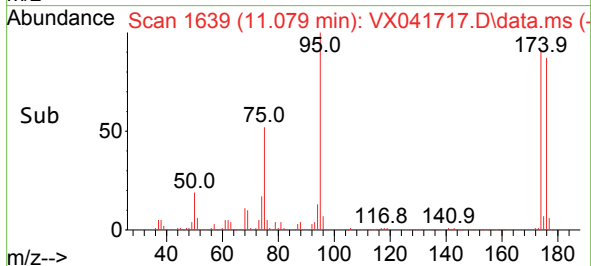


#62
4-Bromofluorobenzene
Concen: 49.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

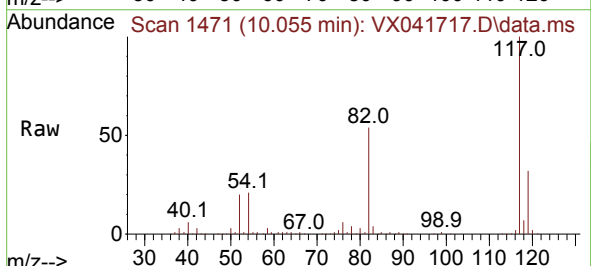
Instrument :
MSVOA_X
ClientSampleId :



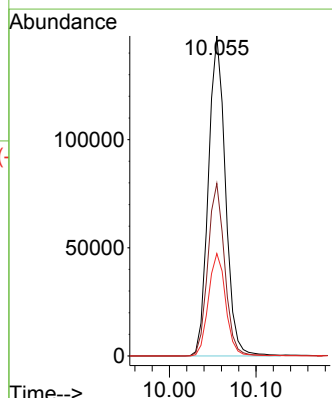
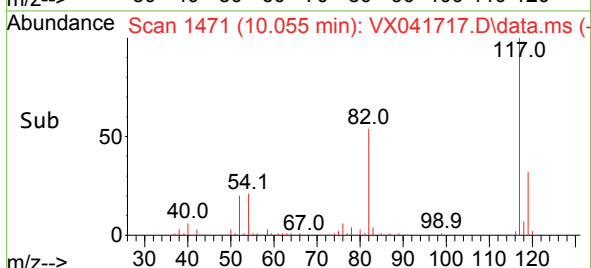
Tgt Ion: 95 Resp: 92294
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.8 0.0 131.0

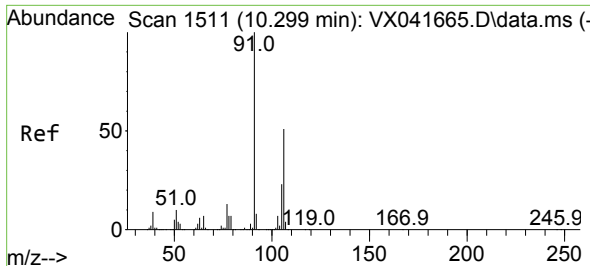


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12



Tgt Ion: 117 Resp: 202269
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.0 25.5 38.3

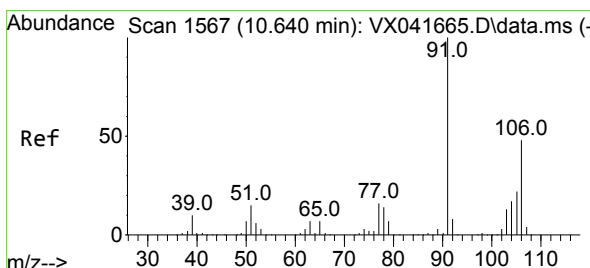
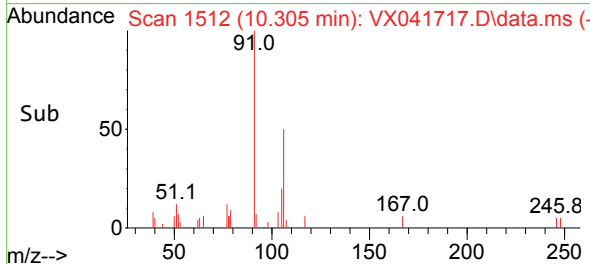
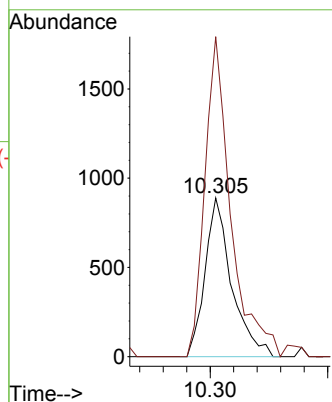
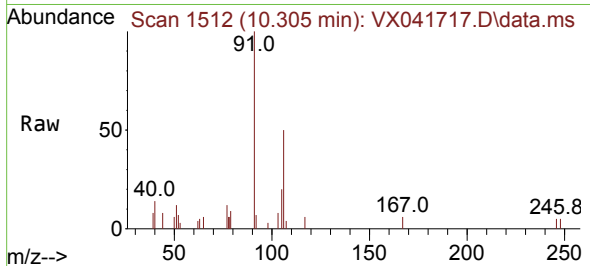




#68
m/p-Xylenes
Concen: 0.508 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

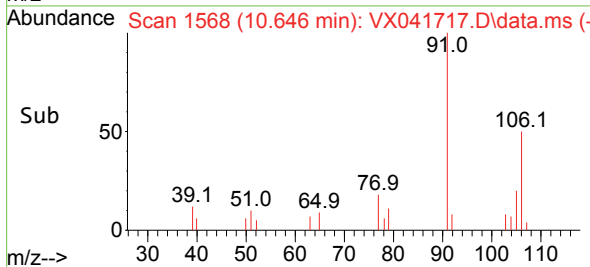
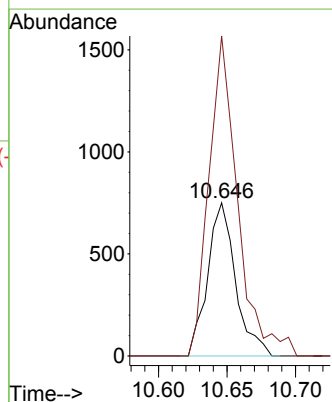
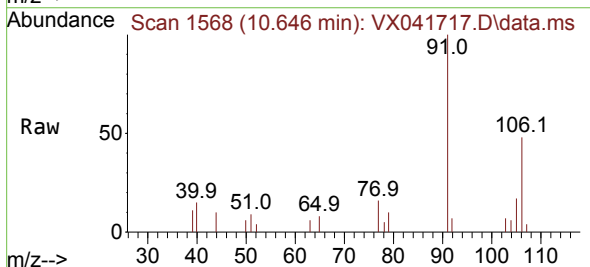
Instrument :
MSVOA_X
ClientSampleId :

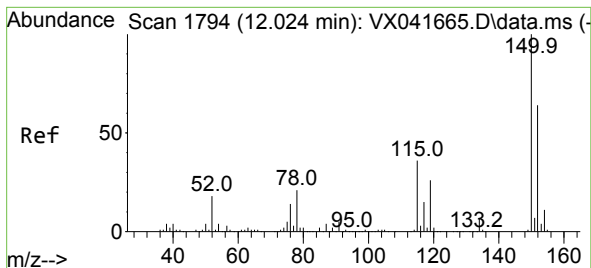
Tgt Ion:106 Resp: 1397
Ion Ratio Lower Upper
106 100
91 196.3 165.5 248.3



#69
o-Xylene
Concen: 0.389 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Tgt Ion:106 Resp: 1065
Ion Ratio Lower Upper
106 100
91 215.2 108.9 326.8

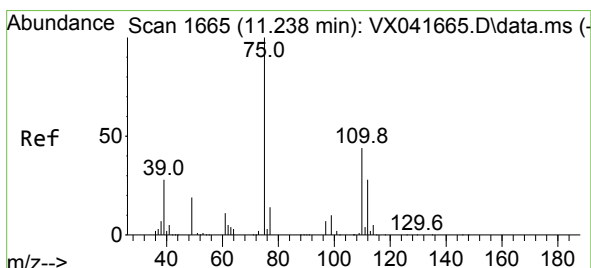
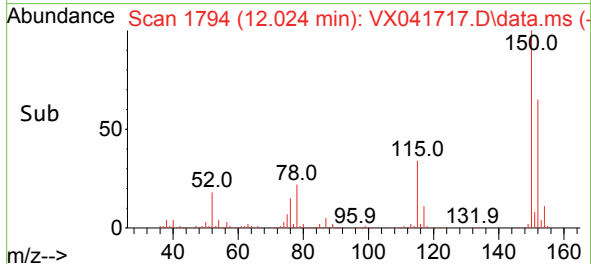
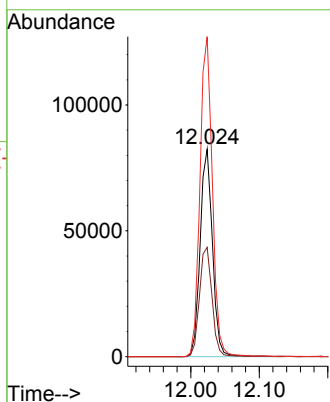
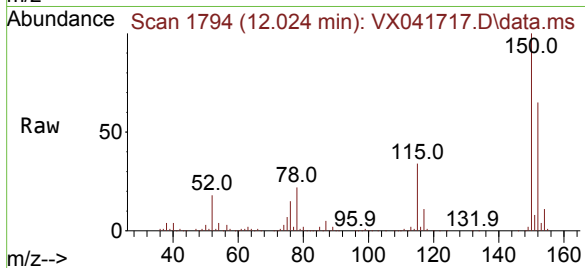




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

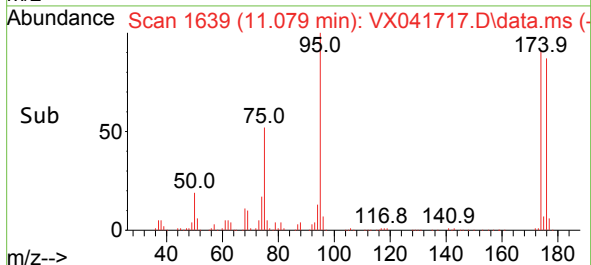
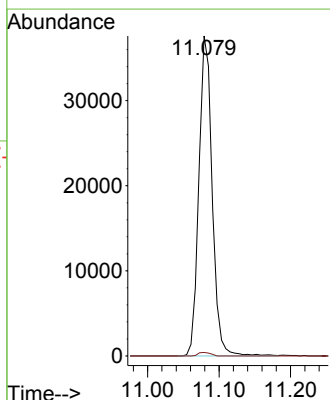
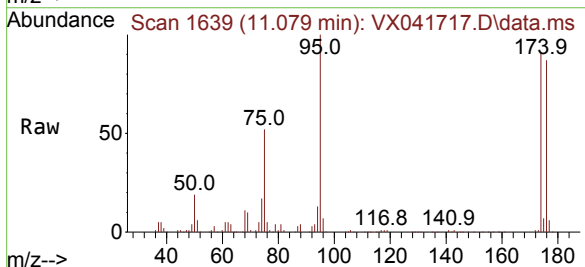
Instrument :
MSVOA_X
ClientSampleId :

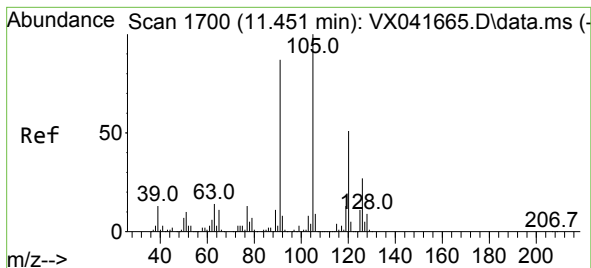
Tgt Ion:152 Resp: 103527
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 155.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Tgt Ion: 75 Resp: 48625
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.305 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041717.D

Acq: 03 Jun 2024 20:12

Instrument :

MSVOA_X

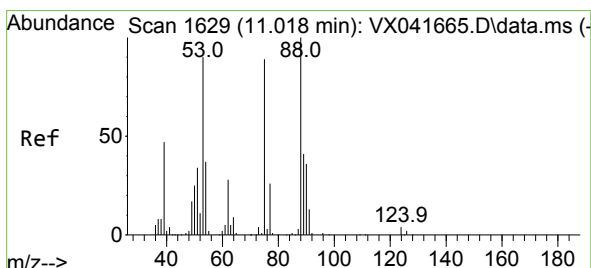
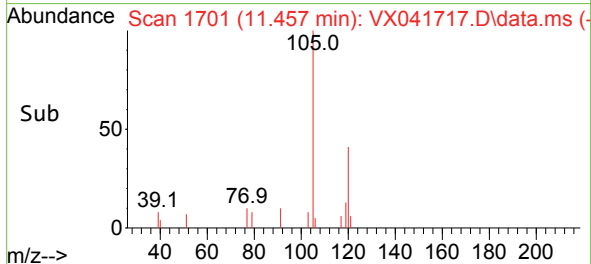
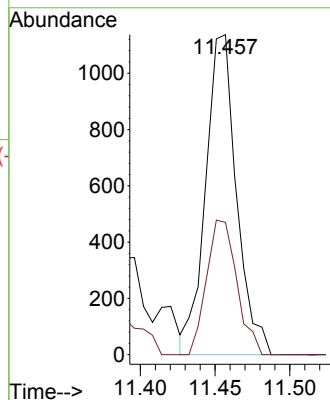
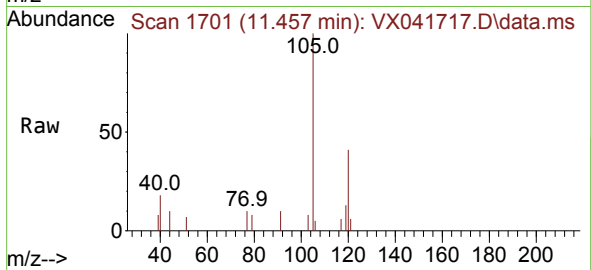
ClientSampleId :

Tgt Ion:105 Resp: 1635

Ion Ratio Lower Upper

105 100

120 41.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 73.368 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041717.D

Acq: 03 Jun 2024 20:12

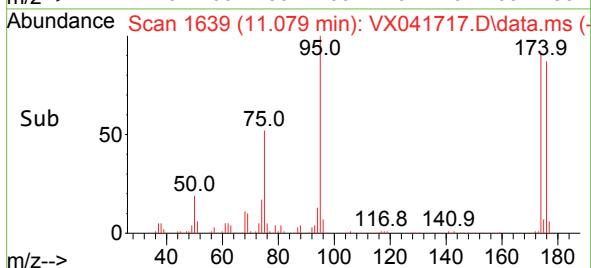
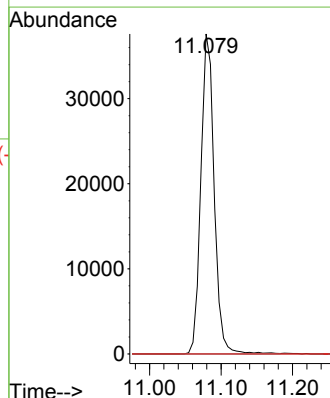
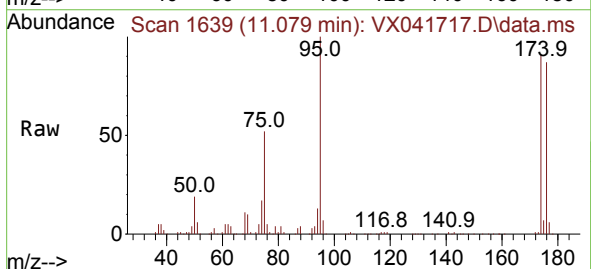
Tgt Ion: 75 Resp: 48625

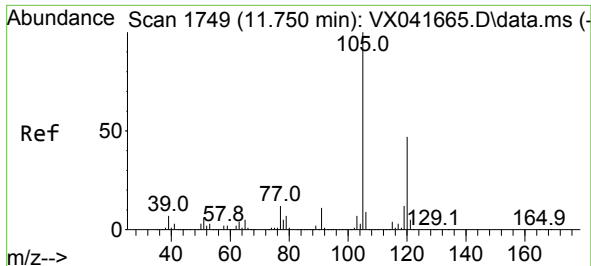
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

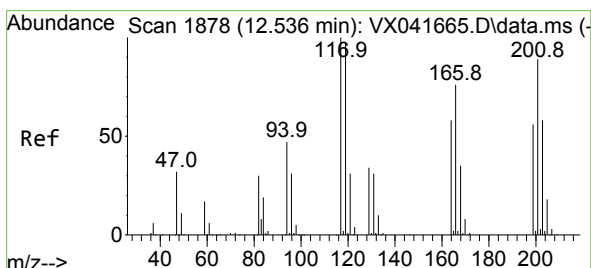
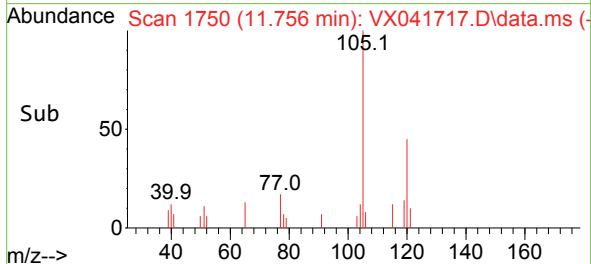
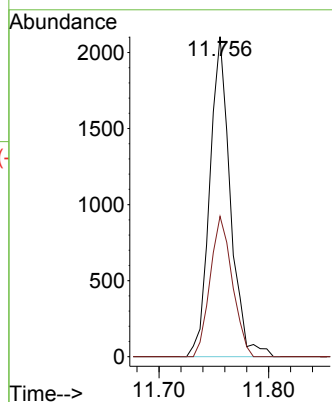
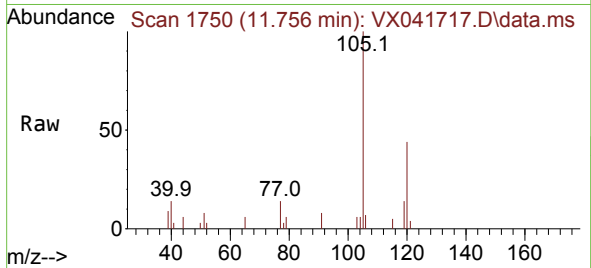




#84
 1,2,4-Trimethylbenzene
 Concen: 0.505 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX041717.D
 Acq: 03 Jun 2024 20:12

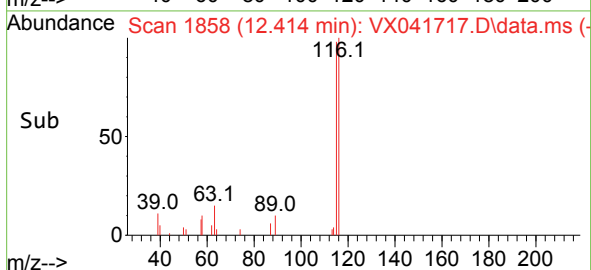
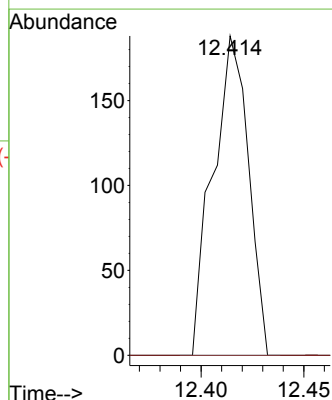
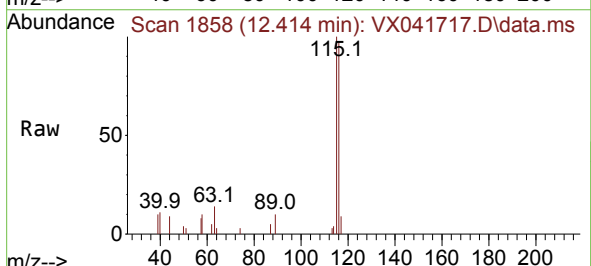
Instrument :
 MSVOA_X
 ClientSampleId :

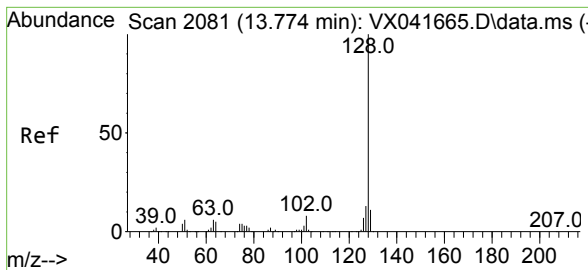
Tgt Ion:105 Resp: 2741
 Ion Ratio Lower Upper
 105 100
 120 47.1 21.2 63.6



#90
 Hexachloroethane
 Concen: 0.230 ug/l
 RT: 12.414 min Scan# 1858
 Delta R.T. -0.122 min
 Lab File: VX041717.D
 Acq: 03 Jun 2024 20:12

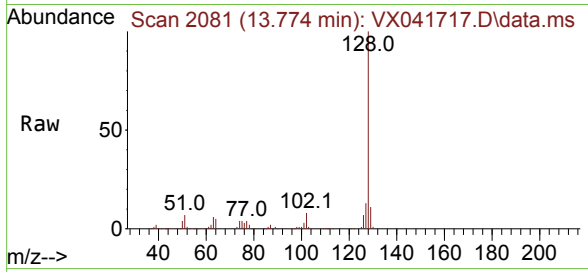
Tgt Ion:117 Resp: 227
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 23.167 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041717.D
Acq: 03 Jun 2024 20:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	155369
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.8	13.2

