

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041695.D
 Acq On : 03 Jun 2024 11:33
 Operator : JC/MD
 Sample : VX0603WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:44:04 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)

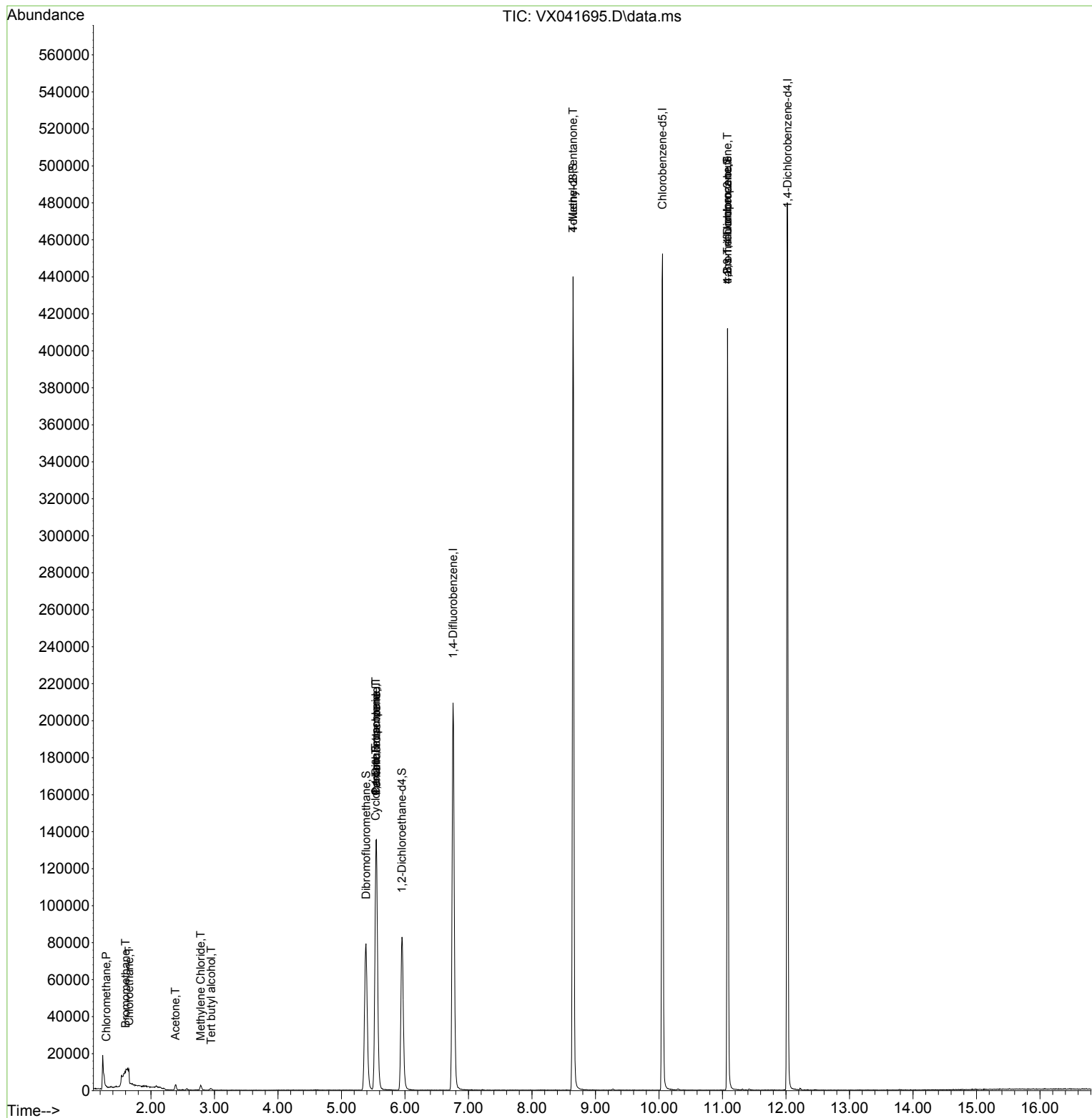
Internal Standards						
1) Pentafluorobenzene	5.550	168	143582	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	219058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82241	46.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.400%		
35) Dibromofluoromethane	5.385	113	69968	46.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.400%		
50) Toluene-d8	8.647	98	263060	49.709	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	99258	50.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.640%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	332	0.241	ug/l	# 43
5) Bromomethane	1.599	94	274	0.278	ug/l	94
6) Chloroethane	1.654	64	247	0.288	ug/l	# 31
11) Tert butyl alcohol	2.947	59	620	1.990	ug/l	# 78
16) Acetone	2.386	43	3300	1.579	ug/l	94
20) Methylene Chloride	2.782	84	1368	0.868	ug/l	93
31) Cyclohexane	5.538	56	2731	1.314	ug/l	# 9
36) 1,1-Dichloropropene	5.544	75	9419	5.136	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	12982	6.231	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1199	0.529	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	50726	26.086	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	50726	71.098	ug/l	# 5

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

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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

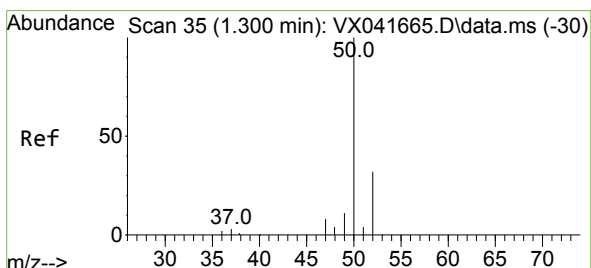
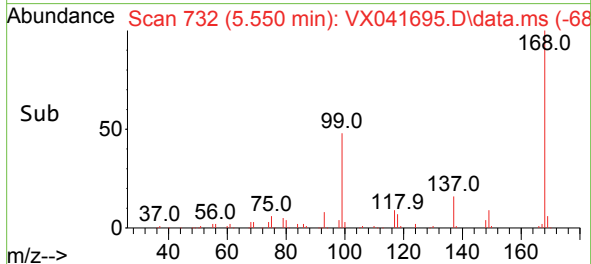
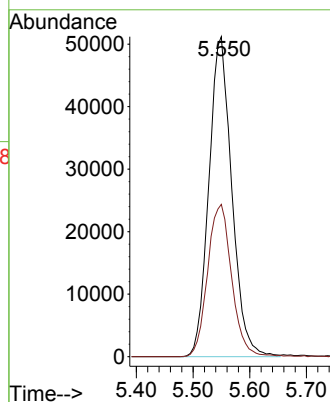
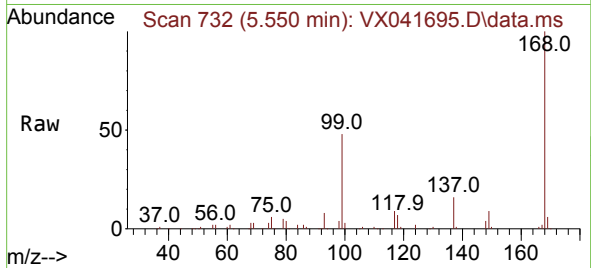




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

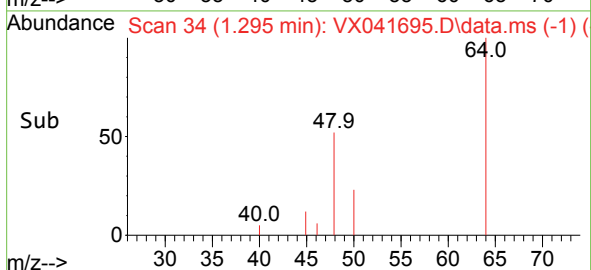
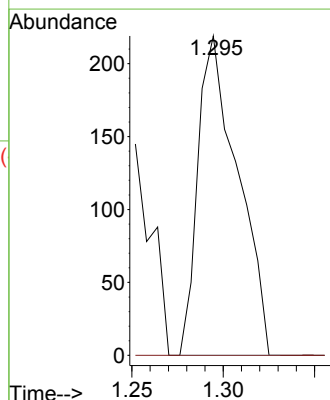
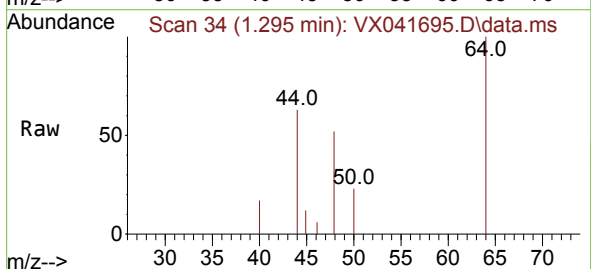
Instrument :
MSVOA_X
ClientSampleId :

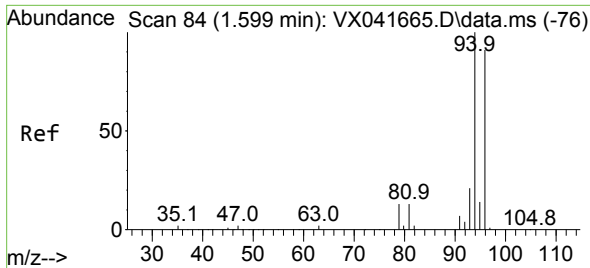
Tgt Ion:168 Resp: 143582
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

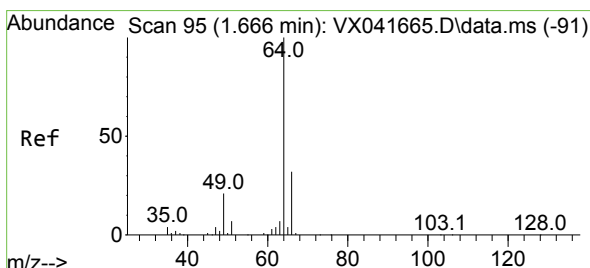
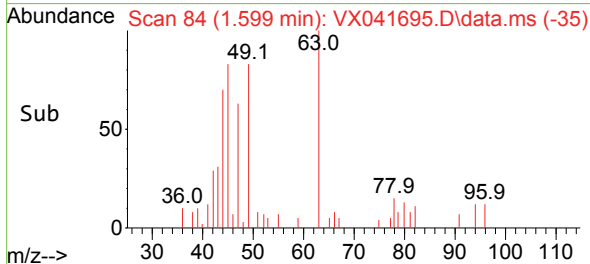
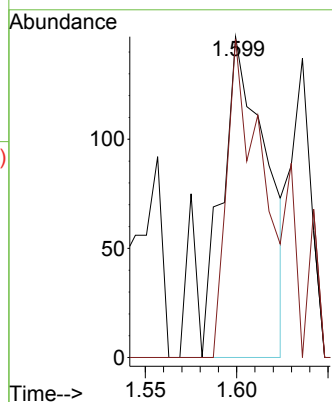
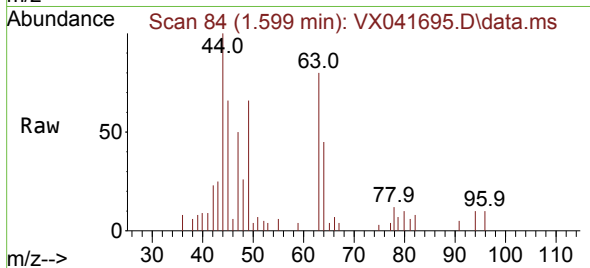




#5
Bromomethane
Concen: 0.278 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

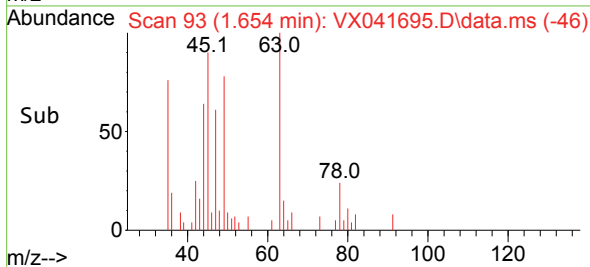
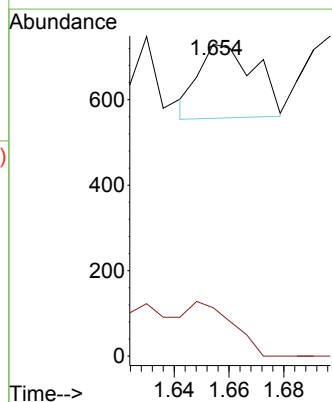
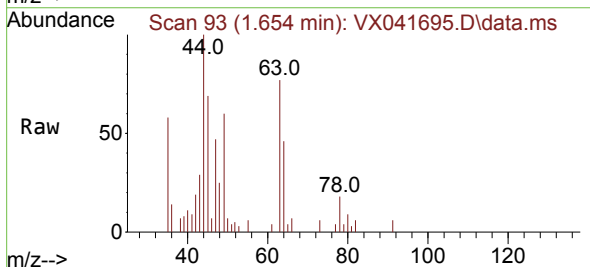
Instrument :
MSVOA_X
ClientSampleId :

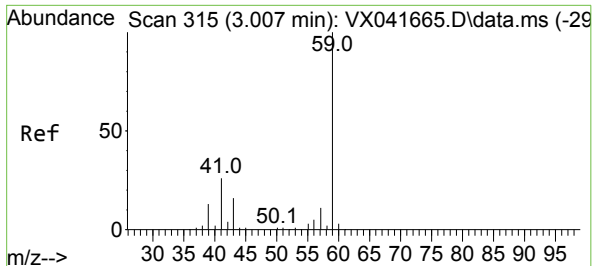
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 99.3 74.6 111.8



#6
Chloroethane
Concen: 0.288 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 69.8 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.990 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX041695.D

Acq: 03 Jun 2024 11:33

Instrument :

MSVOA_X

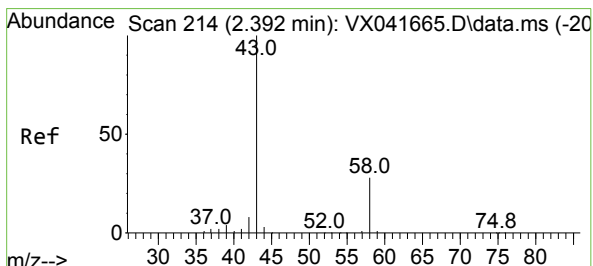
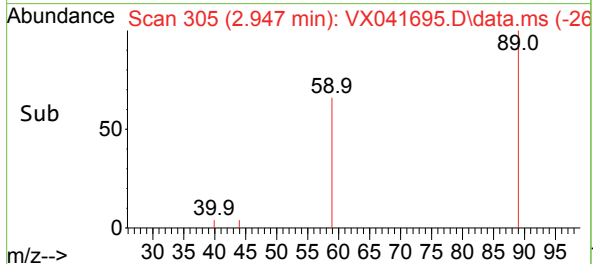
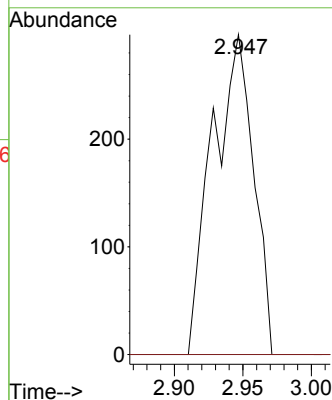
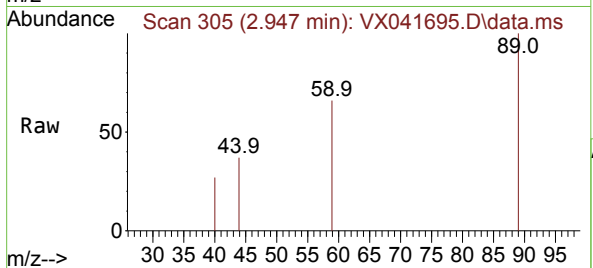
ClientSampleId :

Tgt Ion: 59 Resp: 620

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.579 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041695.D

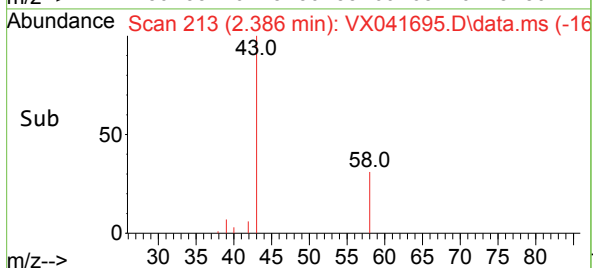
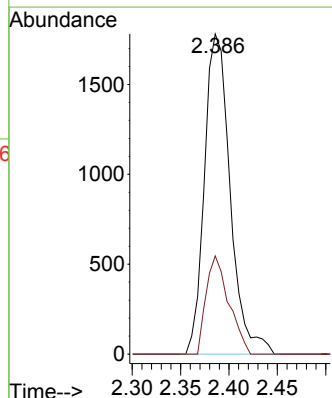
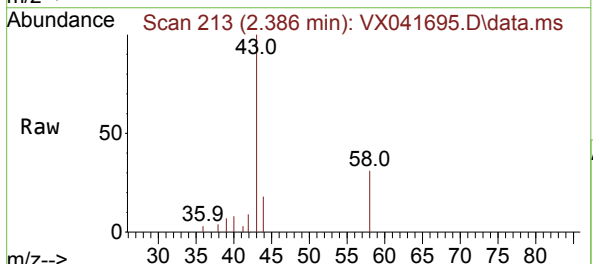
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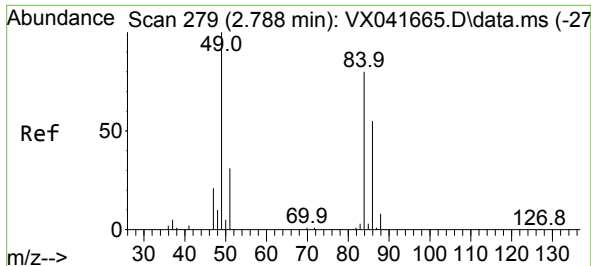
Tgt Ion: 43 Resp: 3300

Ion Ratio Lower Upper

43 100

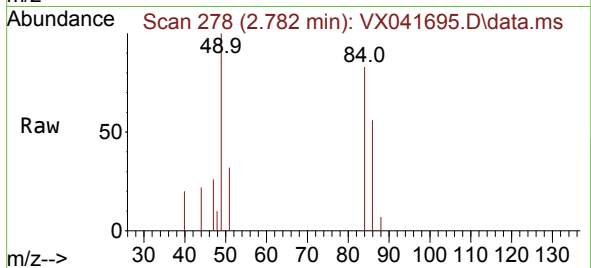
58 30.7 21.9 32.9



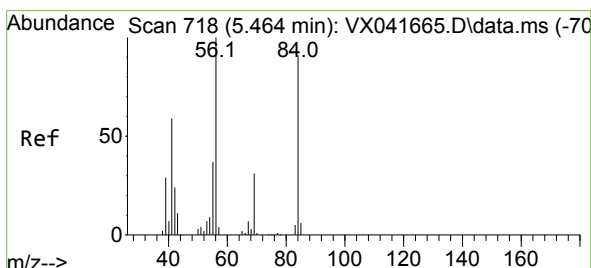
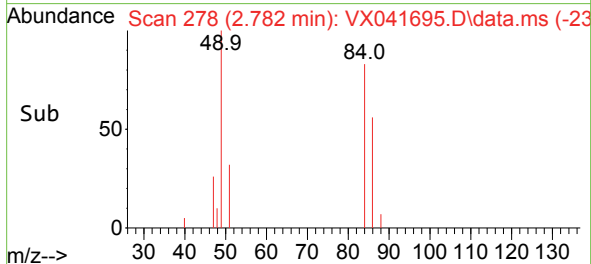
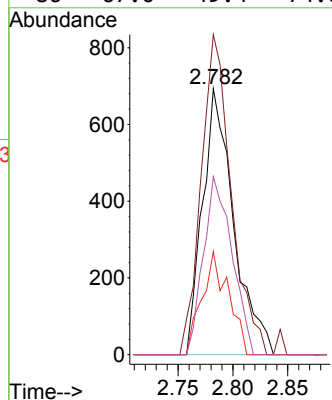


#20
Methylene Chloride
Concen: 0.868 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Instrument :
MSVOA_X
ClientSampleId :

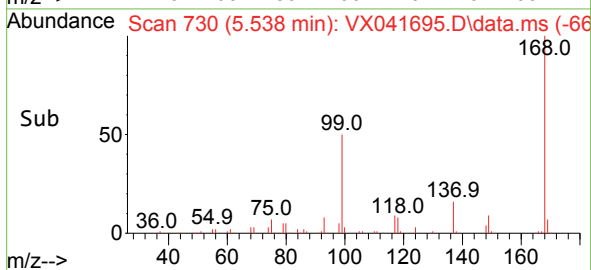
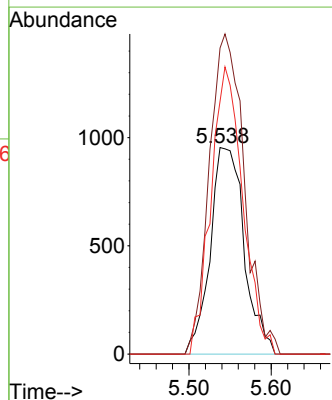
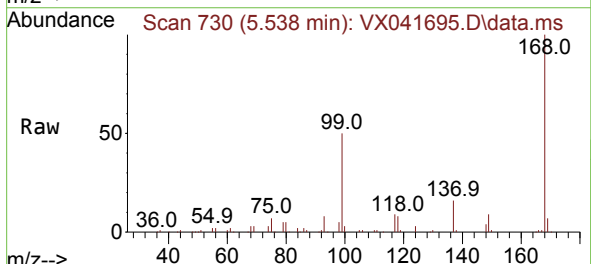


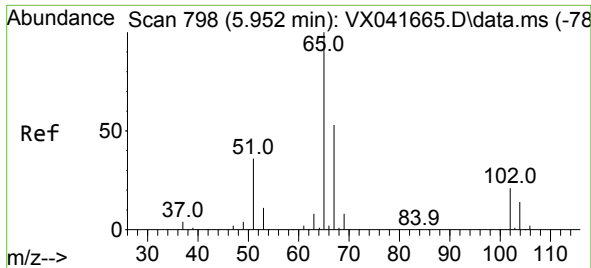
Tgt Ion:	84	Resp:	1368
Ion	Ratio	Lower	Upper
84	100		
49	120.3	103.6	155.4
51	38.8	33.8	50.6
86	67.0	49.4	74.0



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Tgt Ion:	56	Resp:	2731
Ion	Ratio	Lower	Upper
56	100		
69	148.2	23.4	35.2#
84	122.4	65.9	98.9#

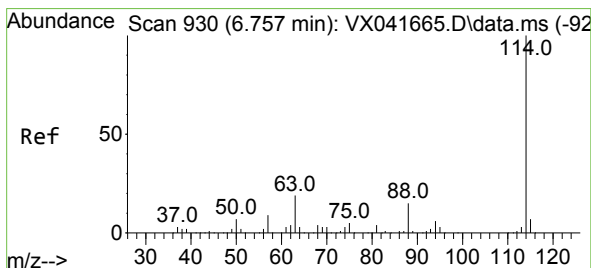
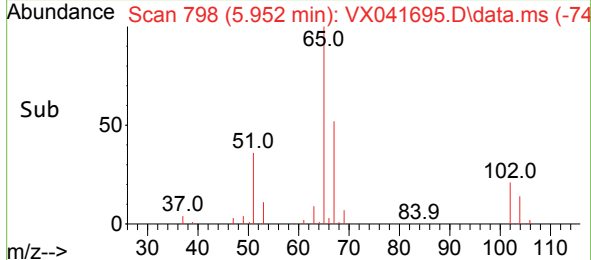
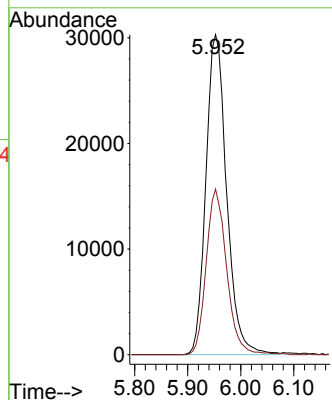
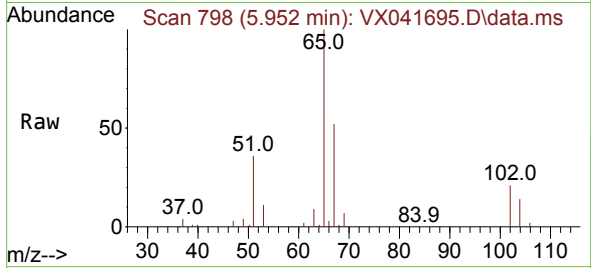




#33
 1,2-Dichloroethane-d4
 Concen: 46.702 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041695.D
 Acq: 03 Jun 2024 11:33

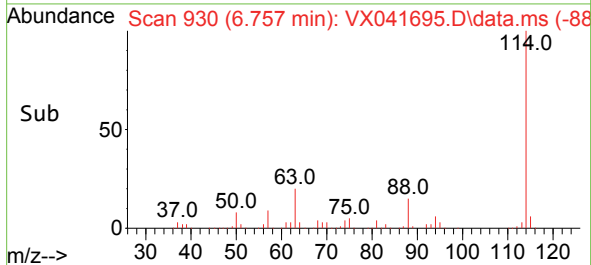
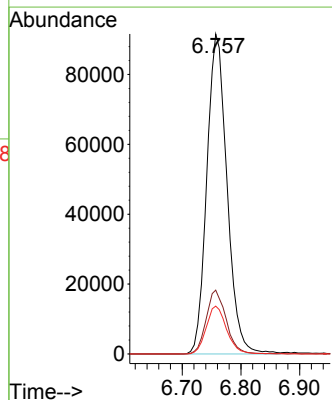
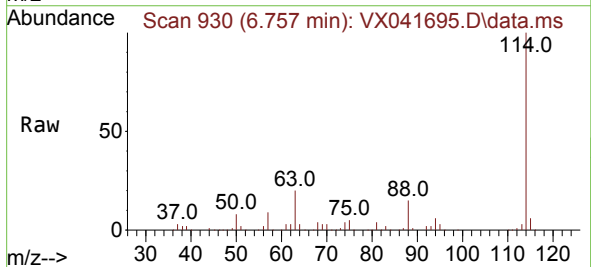
Instrument :
 MSVOA_X
 ClientSampleId :

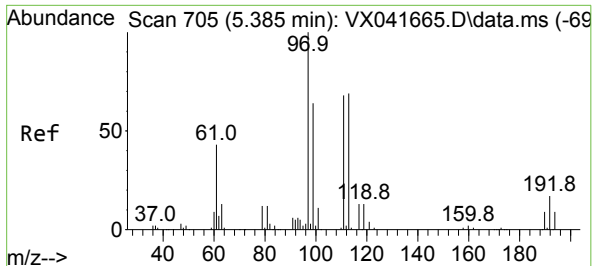
Tgt Ion: 65 Resp: 82241
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX041695.D
 Acq: 03 Jun 2024 11:33

Tgt Ion: 114 Resp: 219058
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.0
 88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.197 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041695.D

Acq: 03 Jun 2024 11:33

Instrument :

MSVOA_X

ClientSampleId :

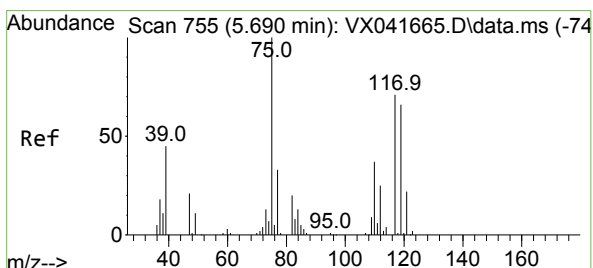
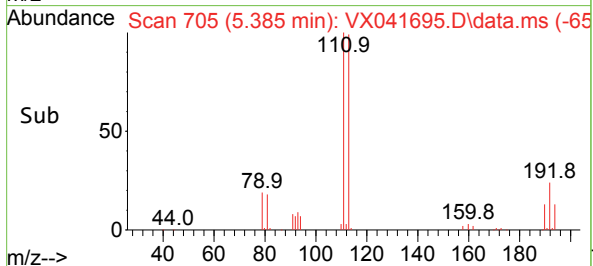
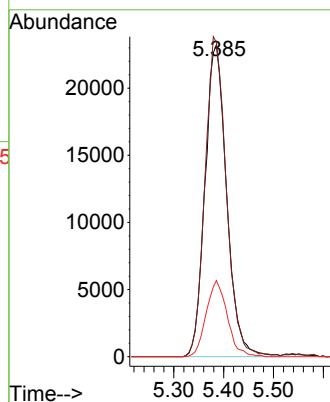
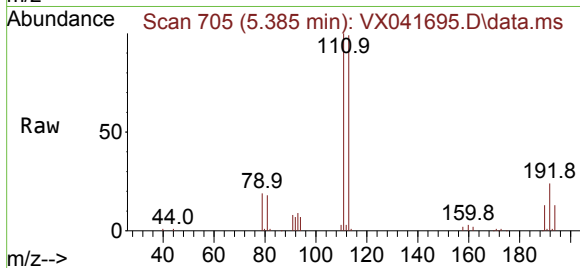
Tgt Ion:113 Resp: 69968

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

192 23.8 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX041695.D

Acq: 03 Jun 2024 11:33

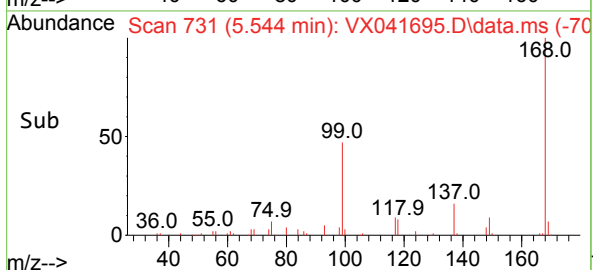
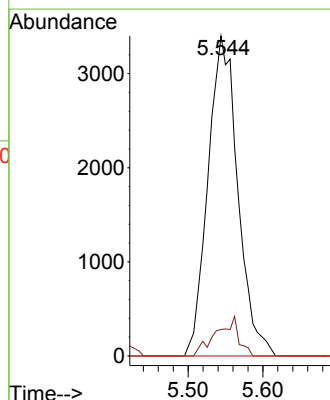
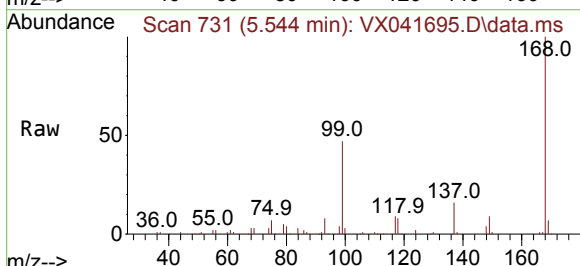
Tgt Ion: 75 Resp: 9419

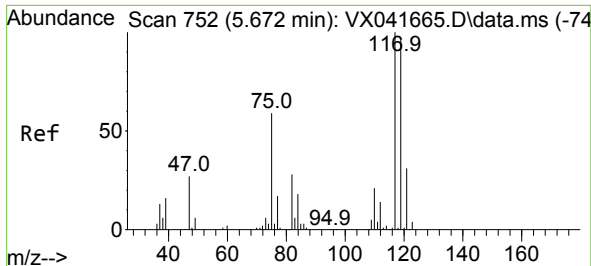
Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

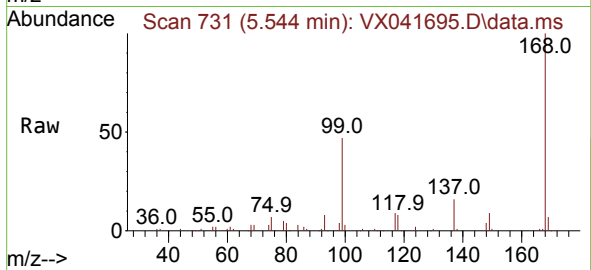
77 0.0 24.7 37.1#



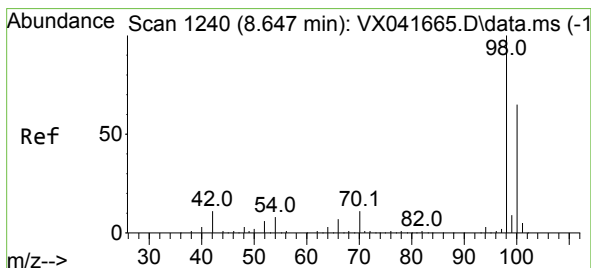
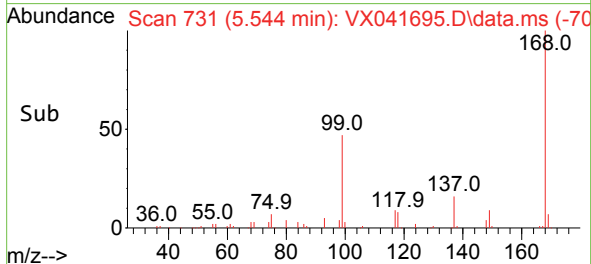
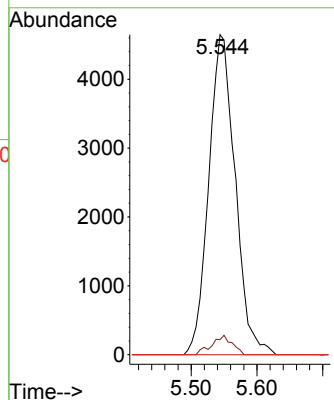


#38
Carbon Tetrachloride
Concen: 6.231 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Instrument :
MSVOA_X
ClientSampleId :

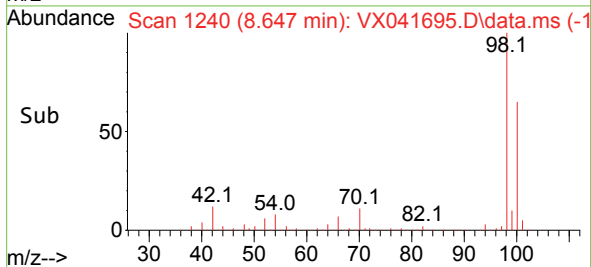
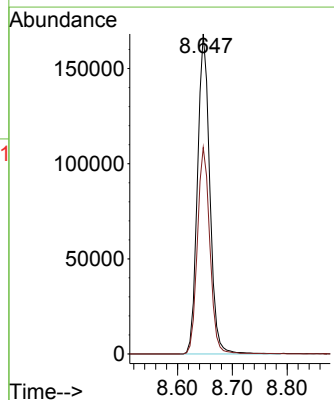
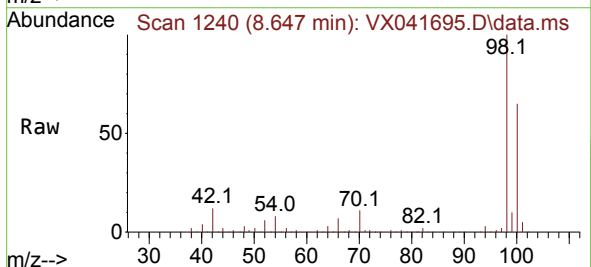


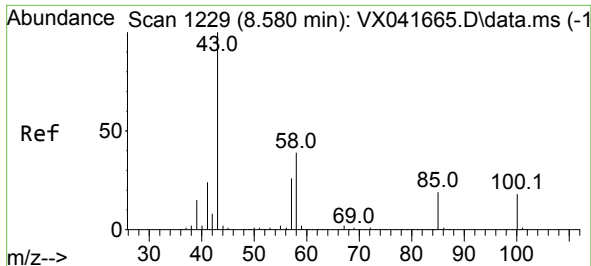
Tgt Ion:117 Resp: 12982
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Tgt Ion: 98 Resp: 263060
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

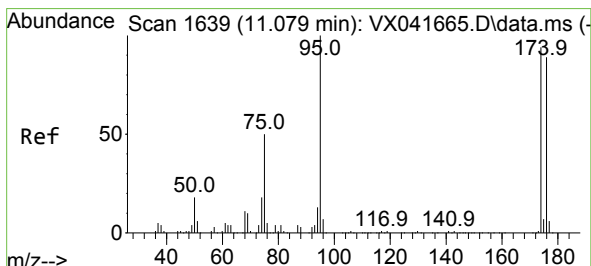
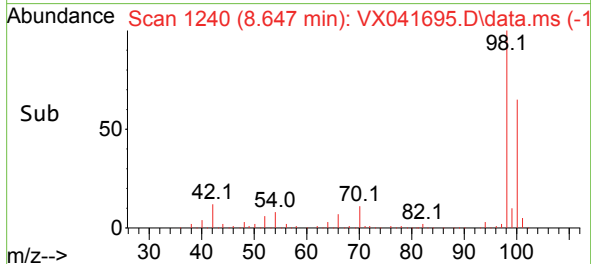
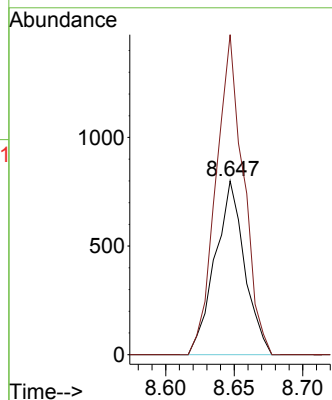
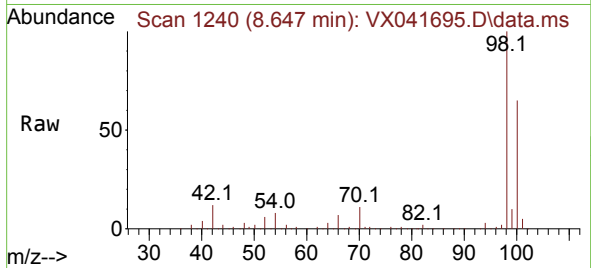




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.647 min Scan# 1199
Delta R.T. 0.067 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

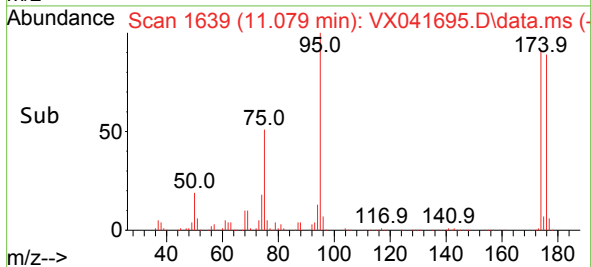
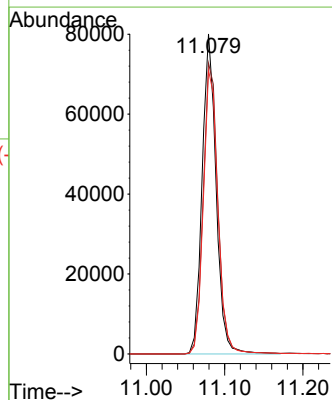
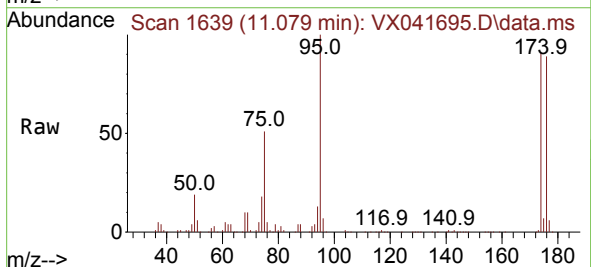
Instrument :
MSVOA_X
ClientSampleId :

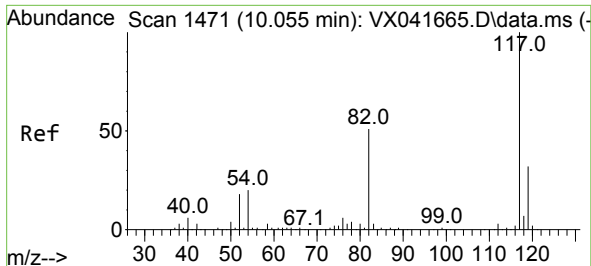
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 171.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

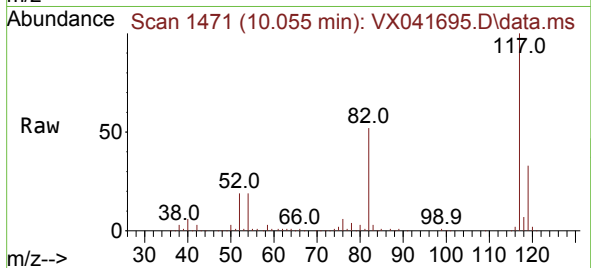
Tgt Ion: 95 Resp: 99258
Ion Ratio Lower Upper
95 100
174 96.0 0.0 135.6
176 92.7 0.0 131.0



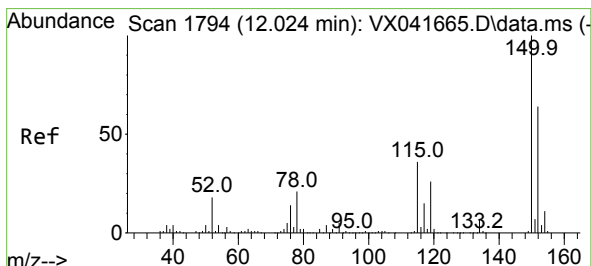
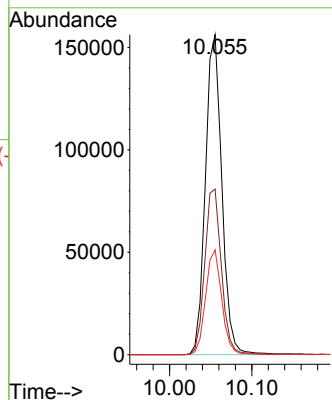
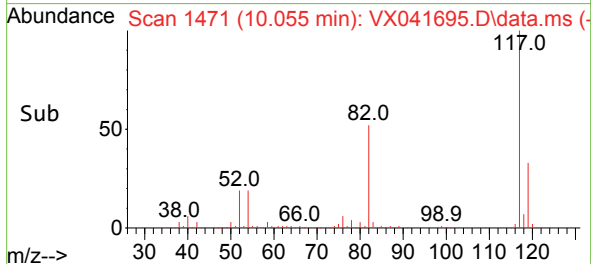


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

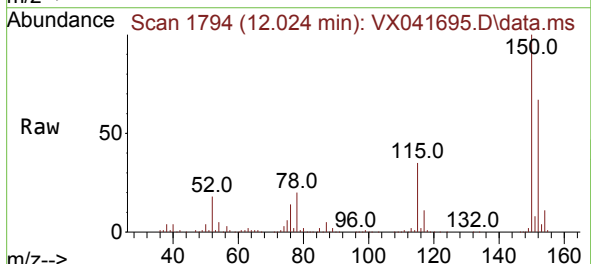
Instrument :
MSVOA_X
ClientSampleId :



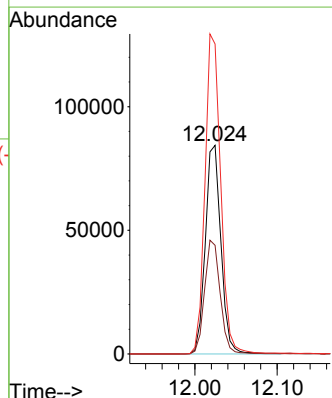
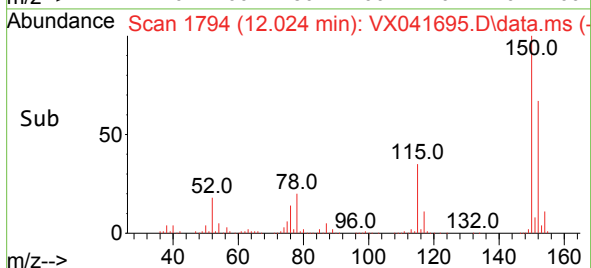
Tgt Ion:117 Resp: 217545
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 32.7 25.5 38.3

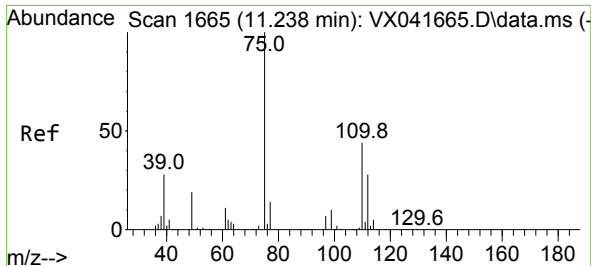


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33



Tgt Ion:152 Resp: 111449
Ion Ratio Lower Upper
152 100
115 54.4 43.3 129.9
150 154.3 0.0 345.0

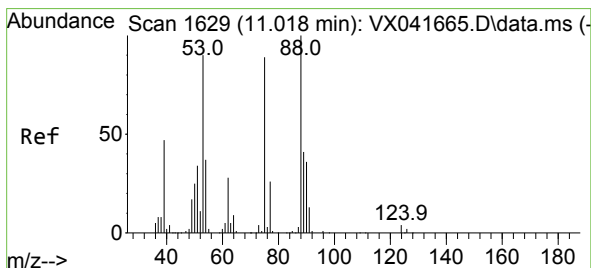
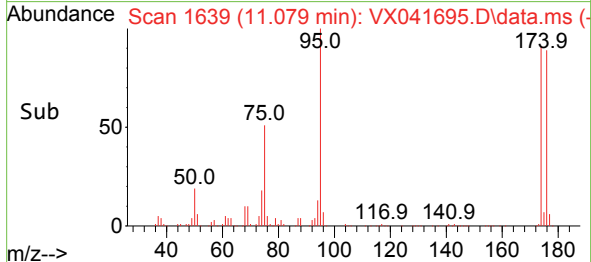
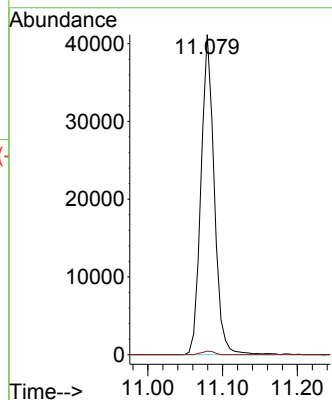
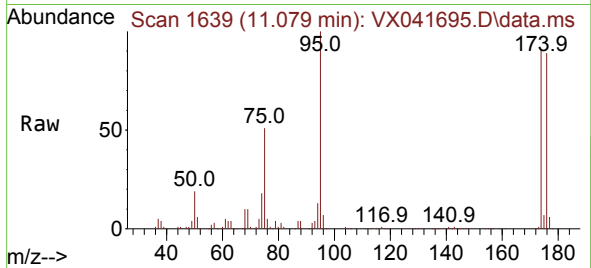




#76
1,2,3-Trichloropropane
Concen: 26.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50726
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041695.D
Acq: 03 Jun 2024 11:33

Tgt Ion: 75 Resp: 50726
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

