

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041799.D
 Acq On : 10 Jun 2024 10:48
 Operator : JC/MD
 Sample : VX0610WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:44:22 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)

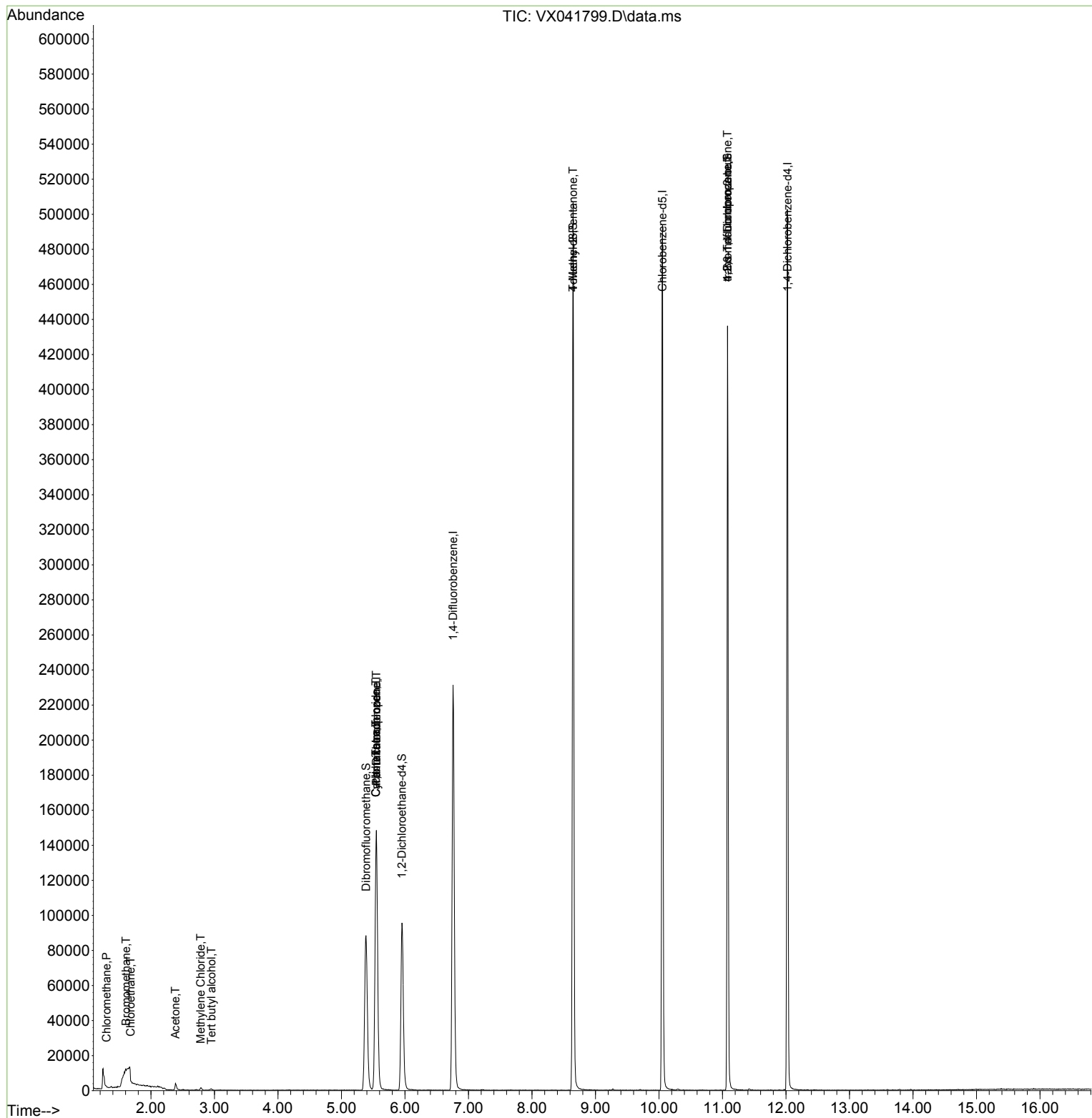
Internal Standards						
1) Pentafluorobenzene	5.550	168	153257	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	243224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95452	50.782	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.560%	
35) Dibromofluoromethane	5.385	113	78682	46.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.580%	
50) Toluene-d8	8.647	98	292482	49.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	11.079	95	105745	48.761	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	307	0.209	ug/l	# 43
5) Bromomethane	1.605	94	529	0.502	ug/l	# 66
6) Chloroethane	1.679	64	519	0.568	ug/l	95
11) Tert butyl alcohol	2.953	59	440	1.323	ug/l	# 78
16) Acetone	2.386	43	4161	2.353	ug/l	92
20) Methylene Chloride	2.782	84	711	0.423	ug/l	# 89
31) Cyclohexane	5.544	56	2801	1.262	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9793	4.809	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	13841	5.983	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1408	0.560	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	53586	26.588	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	53586	72.466	ug/l	# 5

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 11 03:44:22 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

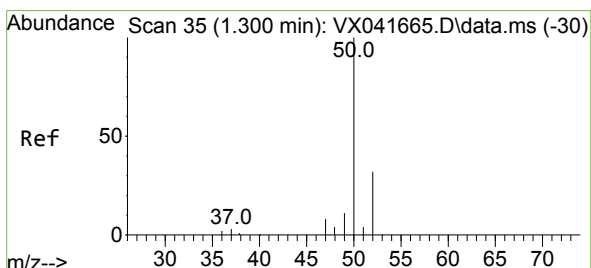
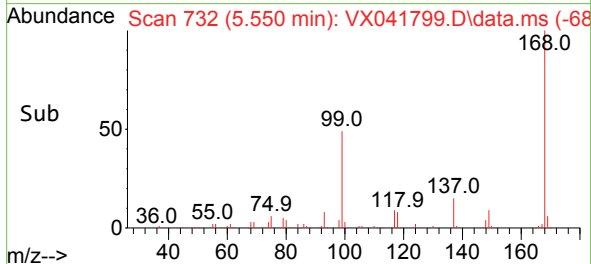
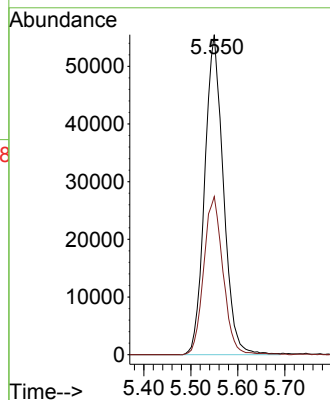
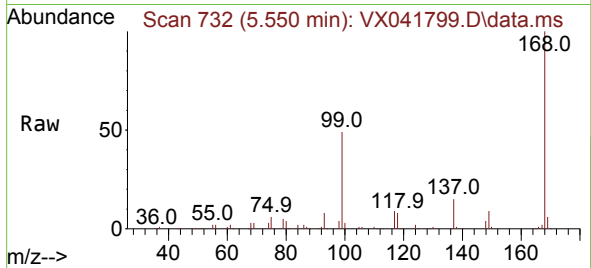




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

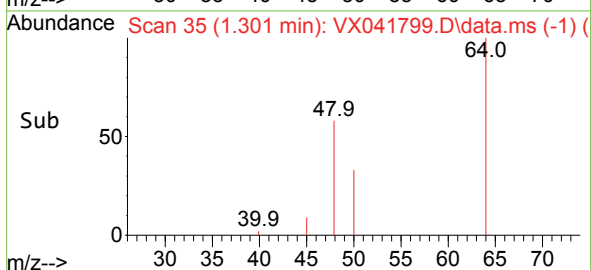
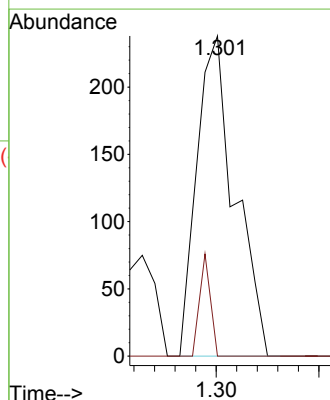
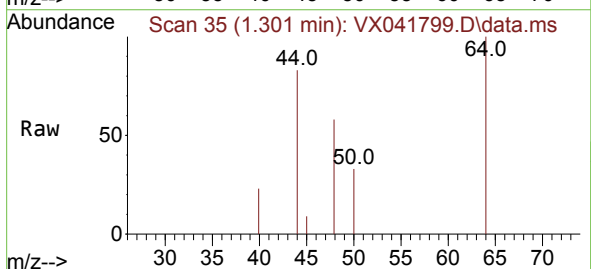
Instrument :
MSVOA_X
ClientSampleId :

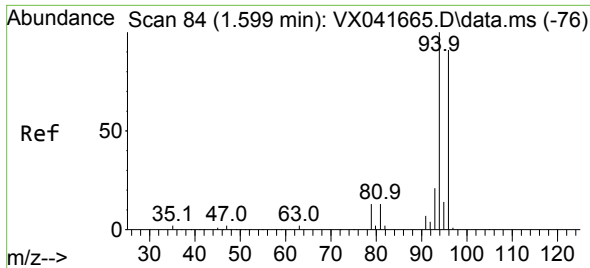
Tgt Ion:168 Resp: 153257
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

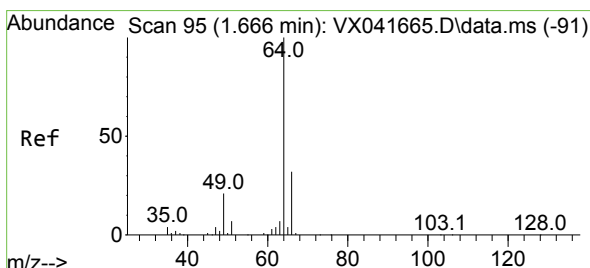
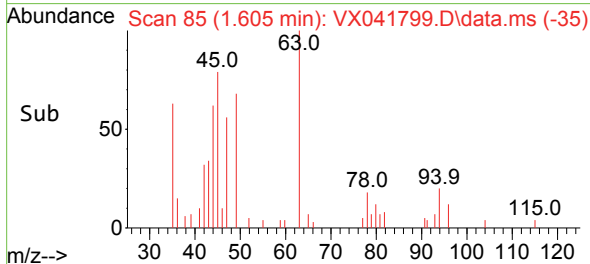
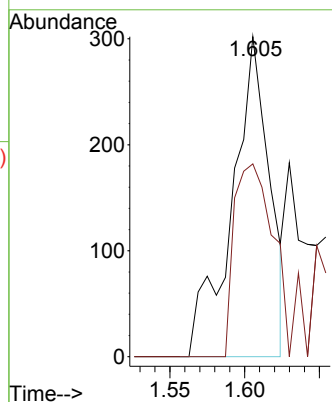
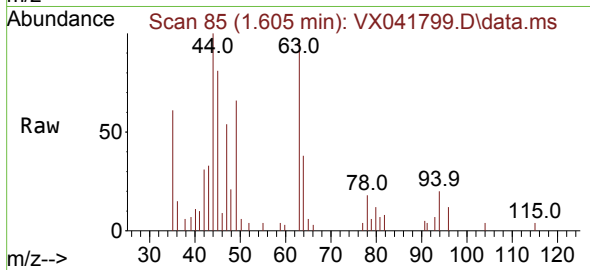




#5
Bromomethane
Concen: 0.502 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

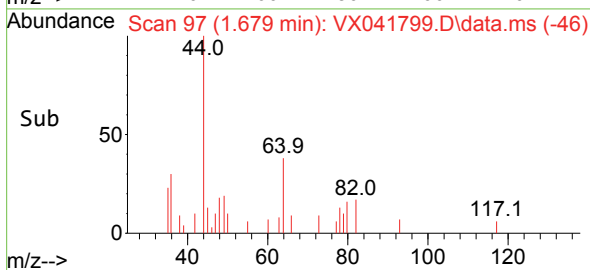
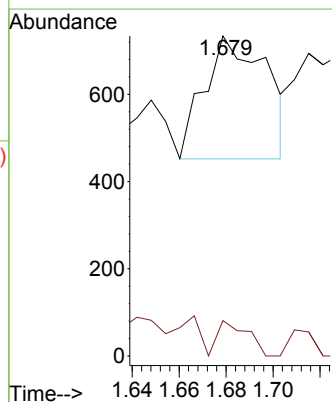
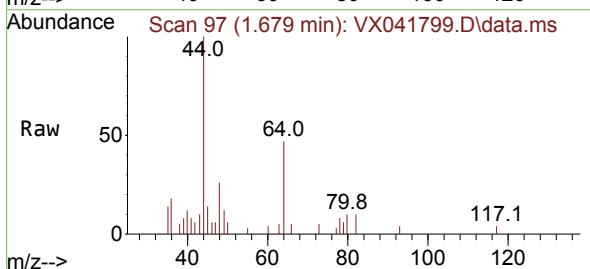
Instrument :
MSVOA_X
ClientSampleId :

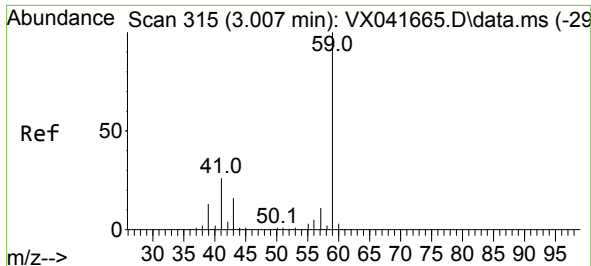
Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 60.3 74.6 111.8#



#6
Chloroethane
Concen: 0.568 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Tgt Ion: 64 Resp: 519
Ion Ratio Lower Upper
64 100
66 28.7 25.1 37.7





#11

Tert butyl alcohol

Concen: 1.323 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.055 min

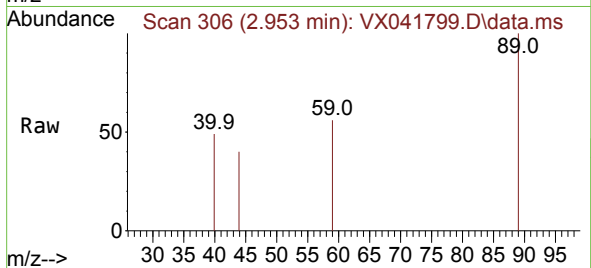
Lab File: VX041799.D

Acq: 10 Jun 2024 10:48

Instrument :

MSVOA_X

ClientSampleId :

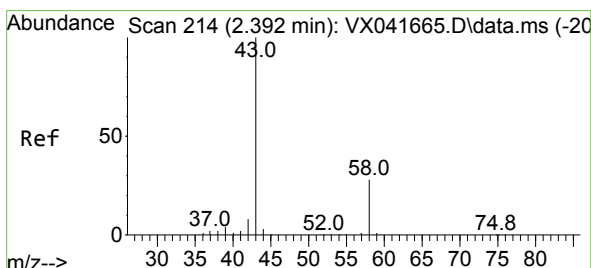
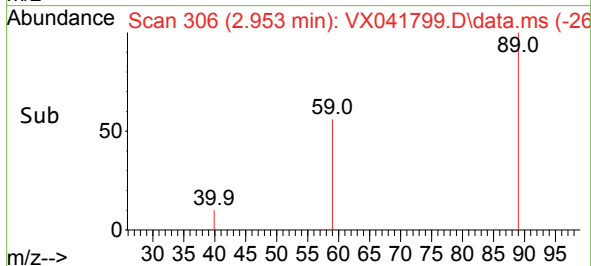
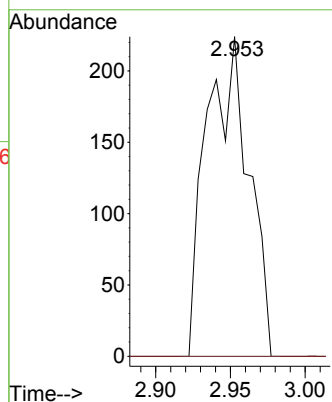


Tgt Ion: 59 Resp: 440

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.353 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041799.D

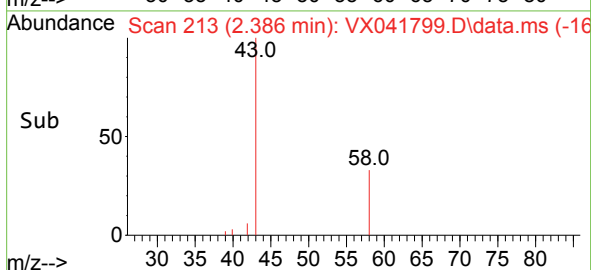
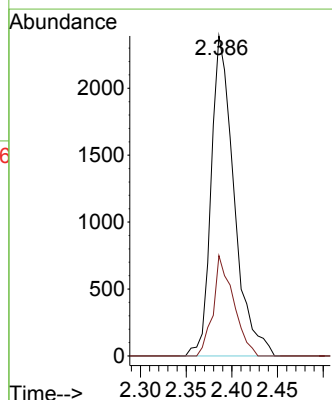
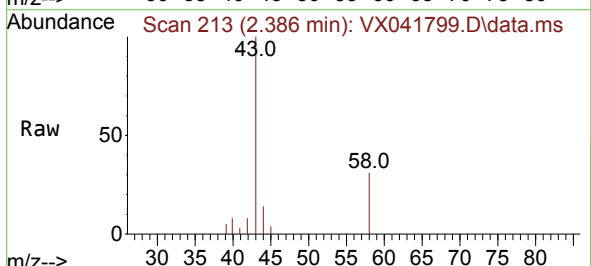
Acq: 10 Jun 2024 10:48

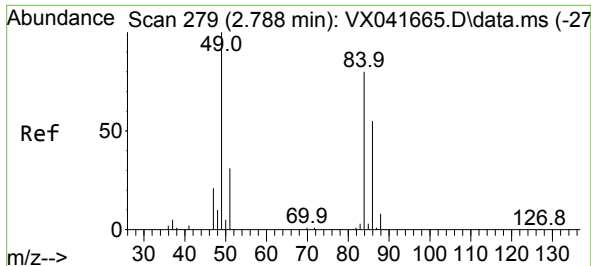
Tgt Ion: 43 Resp: 4161

Ion Ratio Lower Upper

43 100

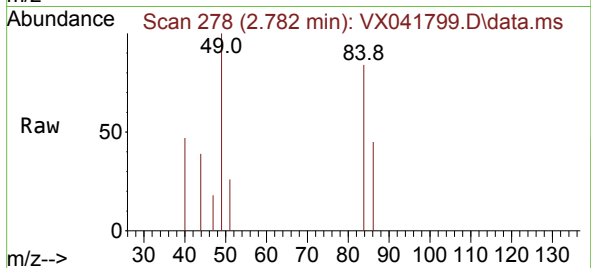
58 31.3 21.9 32.9



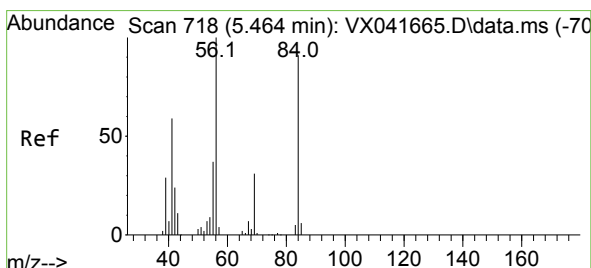
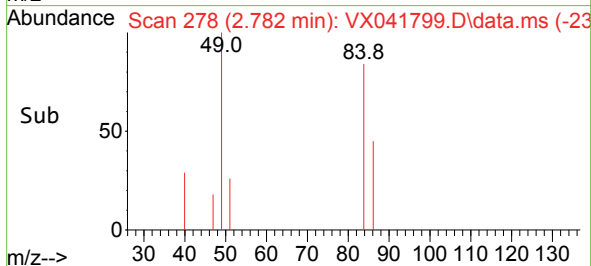
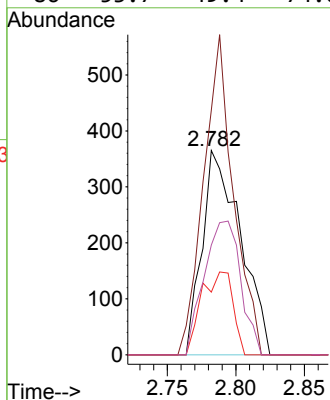


#20
Methylene Chloride
Concen: 0.423 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Instrument :
MSVOA_X
ClientSampleId :

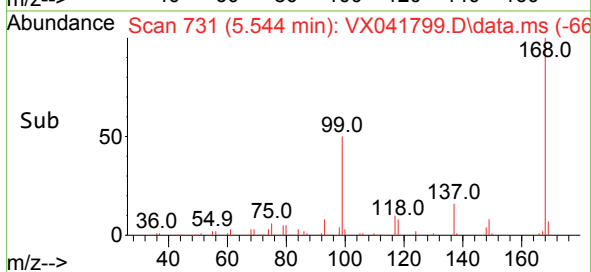
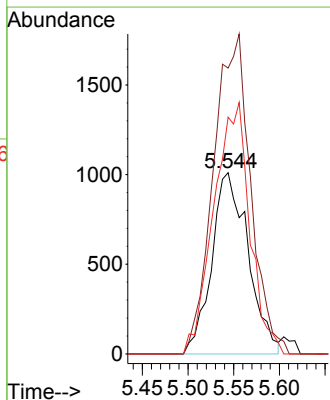
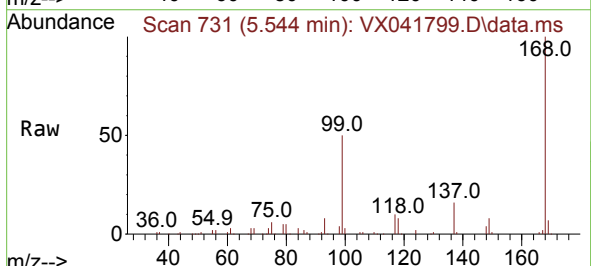


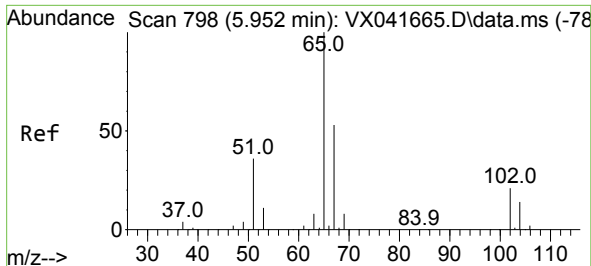
Tgt Ion:	84	Resp:	711
Ion	Ratio	Lower	Upper
84	100		
49	119.7	103.6	155.4
51	30.7	33.8	50.6#
86	53.7	49.4	74.0



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Tgt Ion:	56	Resp:	2801
Ion	Ratio	Lower	Upper
56	100		
69	157.8	23.4	35.2#
84	130.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.782 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041799.D

Acq: 10 Jun 2024 10:48

Instrument :

MSVOA_X

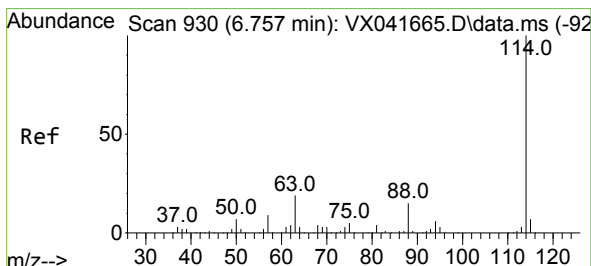
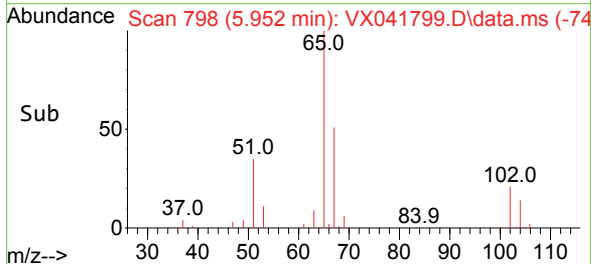
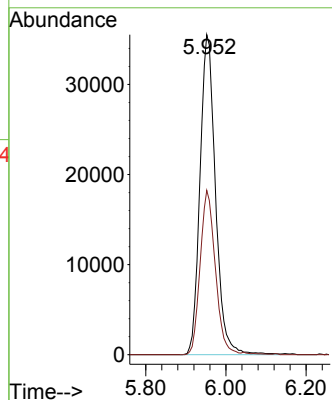
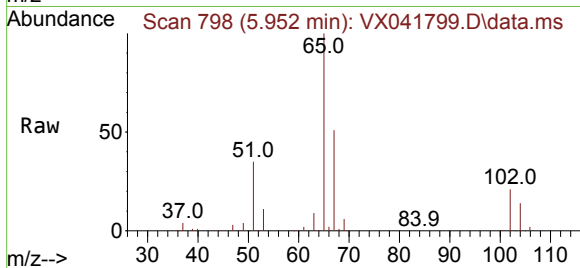
ClientSampleId :

Tgt Ion: 65 Resp: 95452

Ion Ratio Lower Upper

65 100

67 50.2 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: VX041799.D

Acq: 10 Jun 2024 10:48

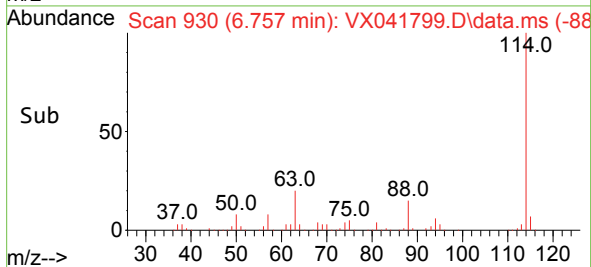
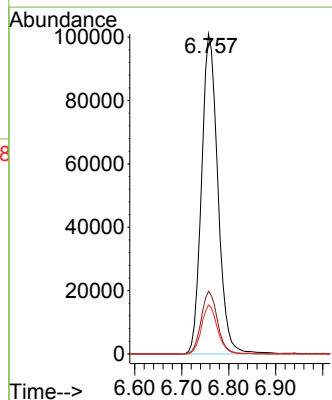
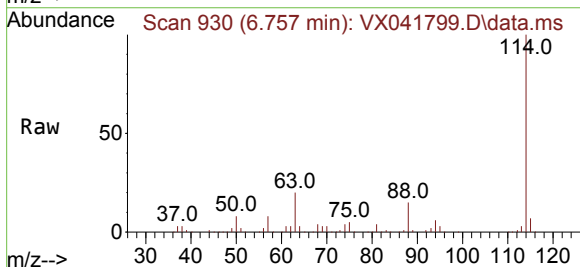
Tgt Ion: 114 Resp: 243224

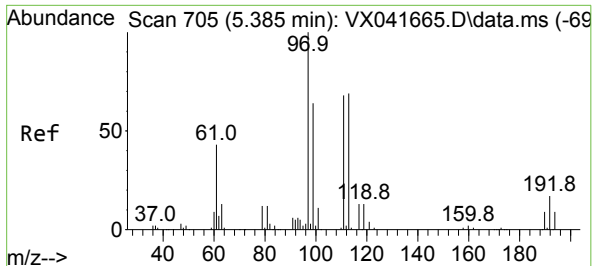
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.789 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

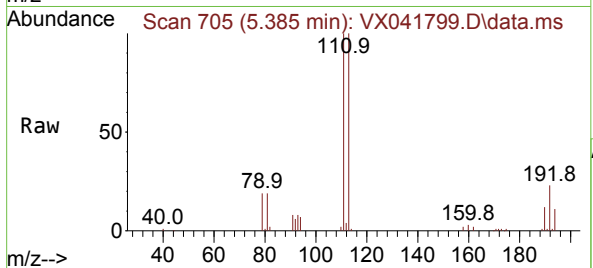
Lab File: VX041799.D

Acq: 10 Jun 2024 10:48

Instrument :

MSVOA_X

ClientSampleId :



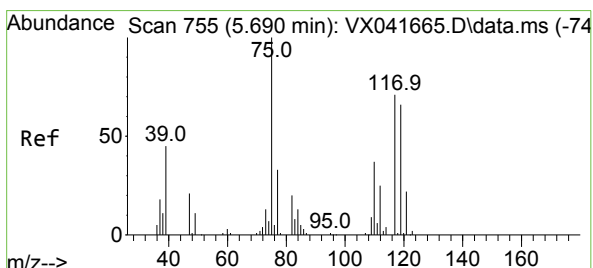
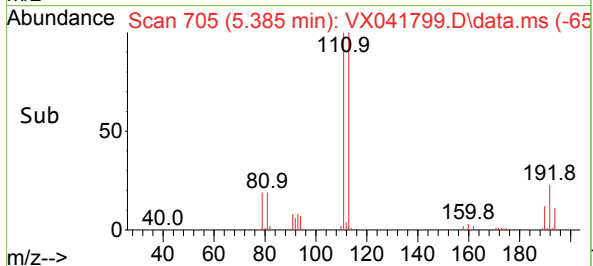
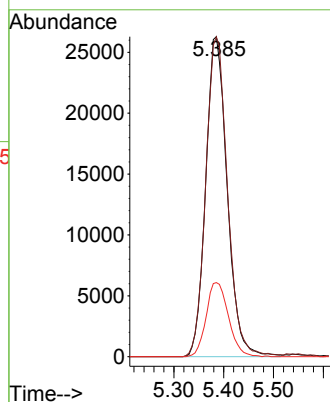
Tgt Ion:113 Resp: 78682

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

192 24.0 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.809 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX041799.D

Acq: 10 Jun 2024 10:48

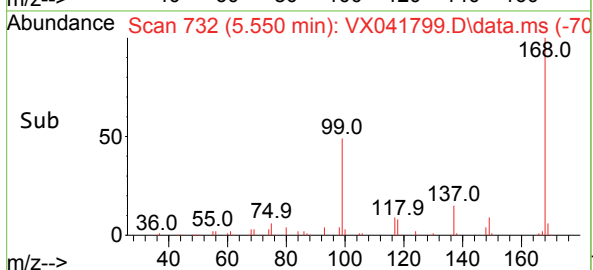
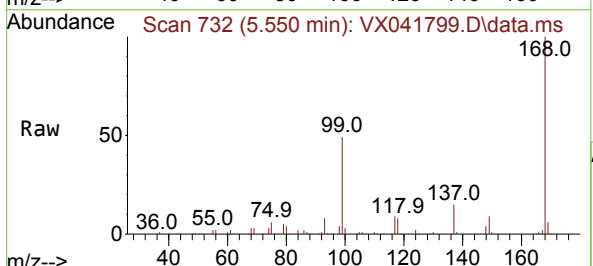
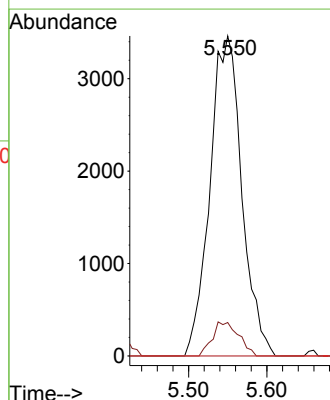
Tgt Ion: 75 Resp: 9793

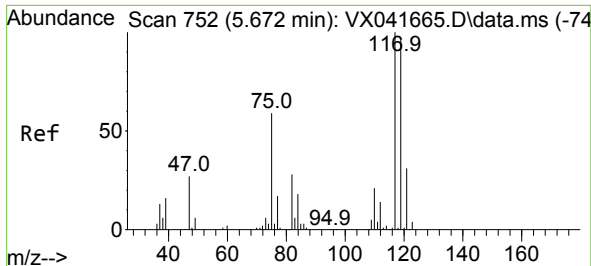
Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

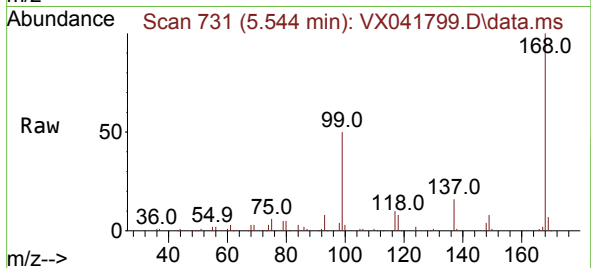
77 0.0 24.7 37.1#



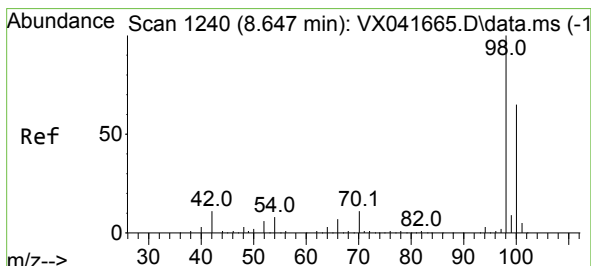
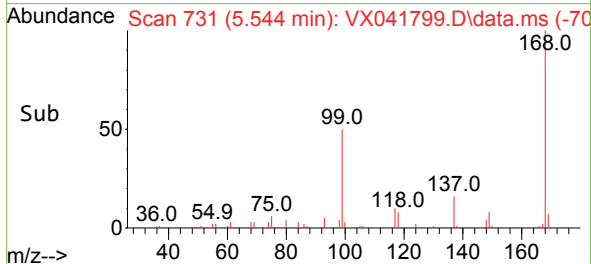
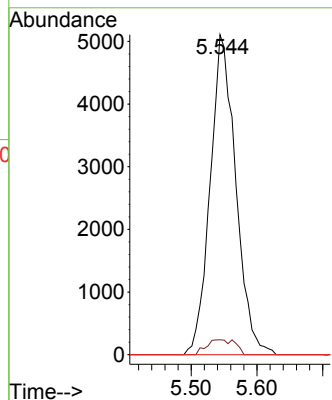


#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Instrument :
MSVOA_X
ClientSampleId :

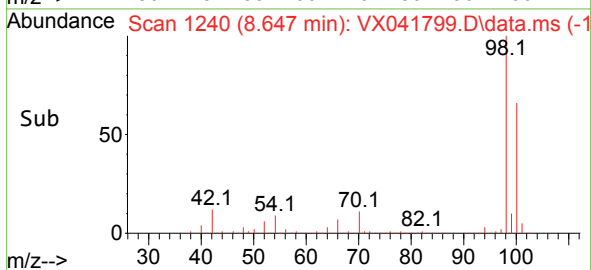
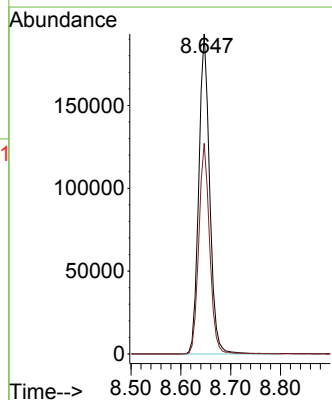
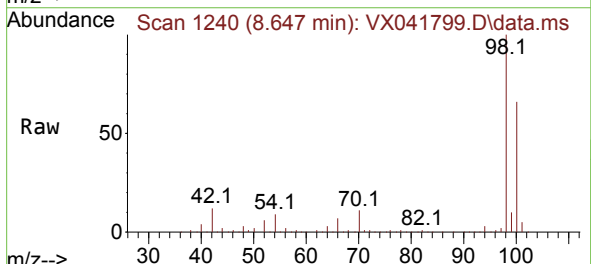


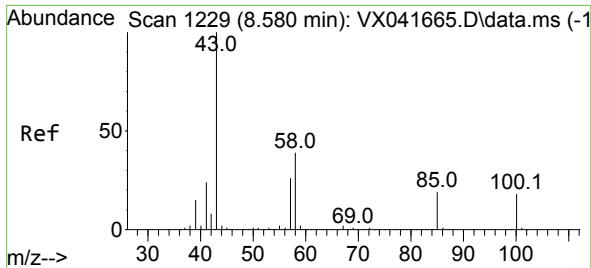
Tgt Ion:117 Resp: 13841
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.777 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Tgt Ion: 98 Resp: 292482
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

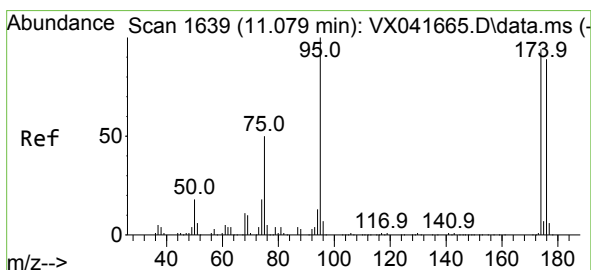
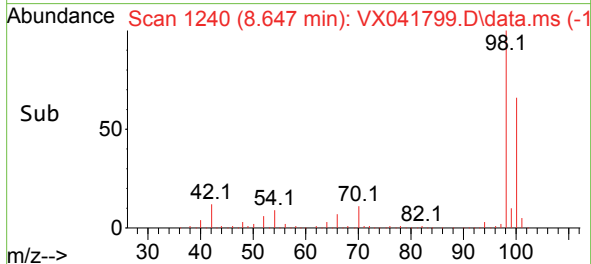
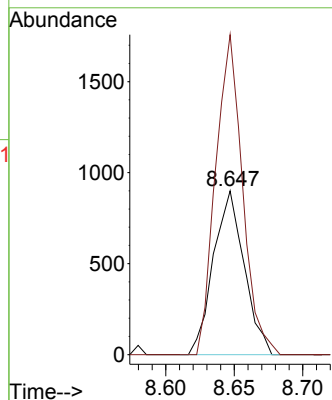
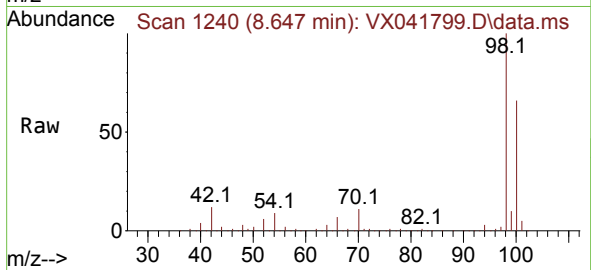




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

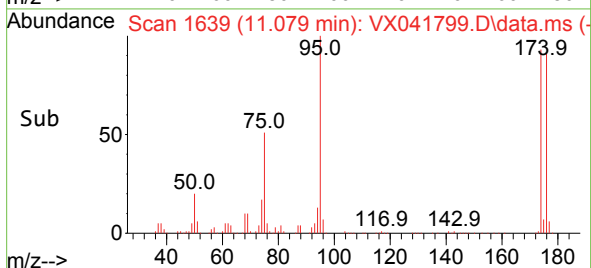
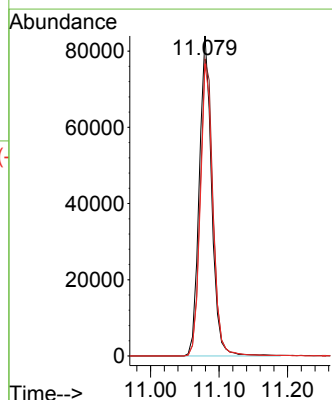
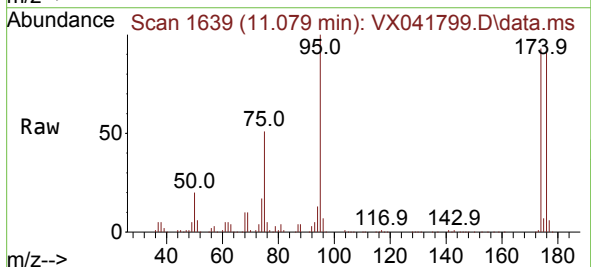
Instrument :
MSVOA_X
ClientSampleId :

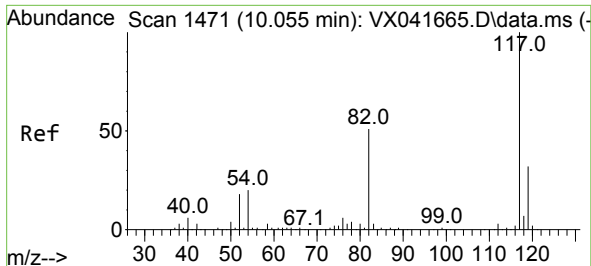
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 170.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

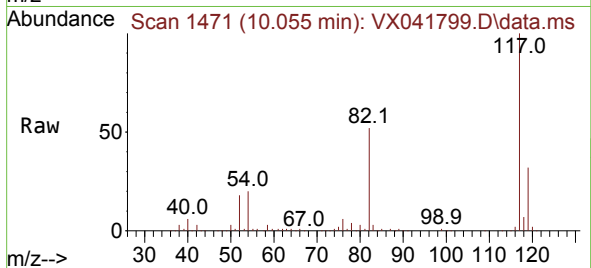
Tgt Ion: 95 Resp: 105745
Ion Ratio Lower Upper
95 100
174 96.2 0.0 135.6
176 92.3 0.0 131.0



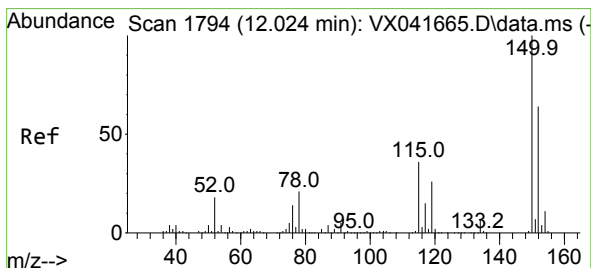
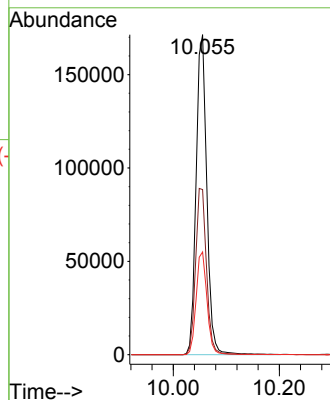
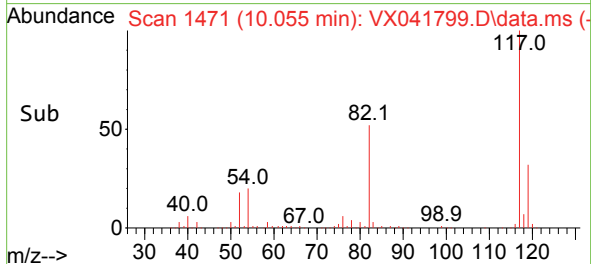


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

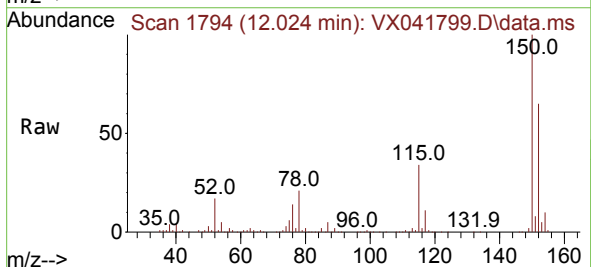
Instrument :
MSVOA_X
ClientSampleId :



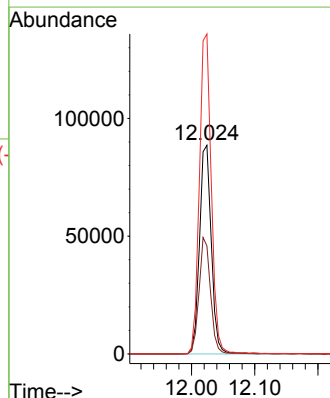
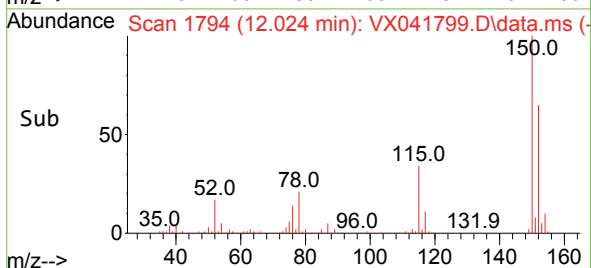
Tgt Ion:117 Resp: 239031
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 32.1 25.5 38.3

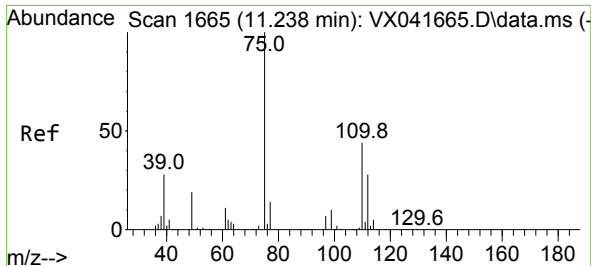


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48



Tgt Ion:152 Resp: 115510
Ion Ratio Lower Upper
152 100
115 54.2 43.3 129.9
150 154.9 0.0 345.0

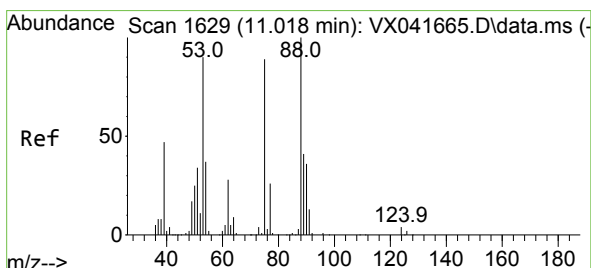
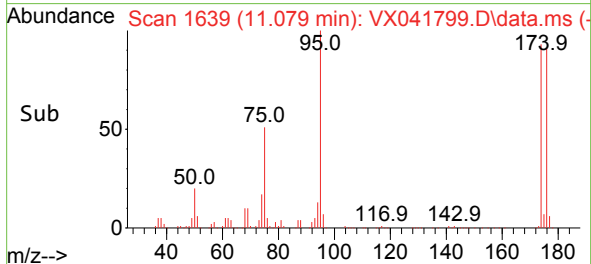
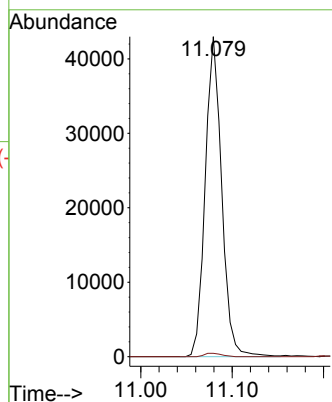
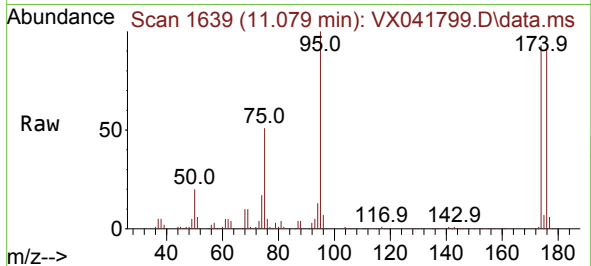




#76
1,2,3-Trichloropropane
Concen: 26.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53586
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041799.D
Acq: 10 Jun 2024 10:48

Tgt Ion: 75 Resp: 53586
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

