

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042090.D
 Acq On : 28 Jun 2024 17:01
 Operator : JC/MD
 Sample : P3127-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 04:22:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

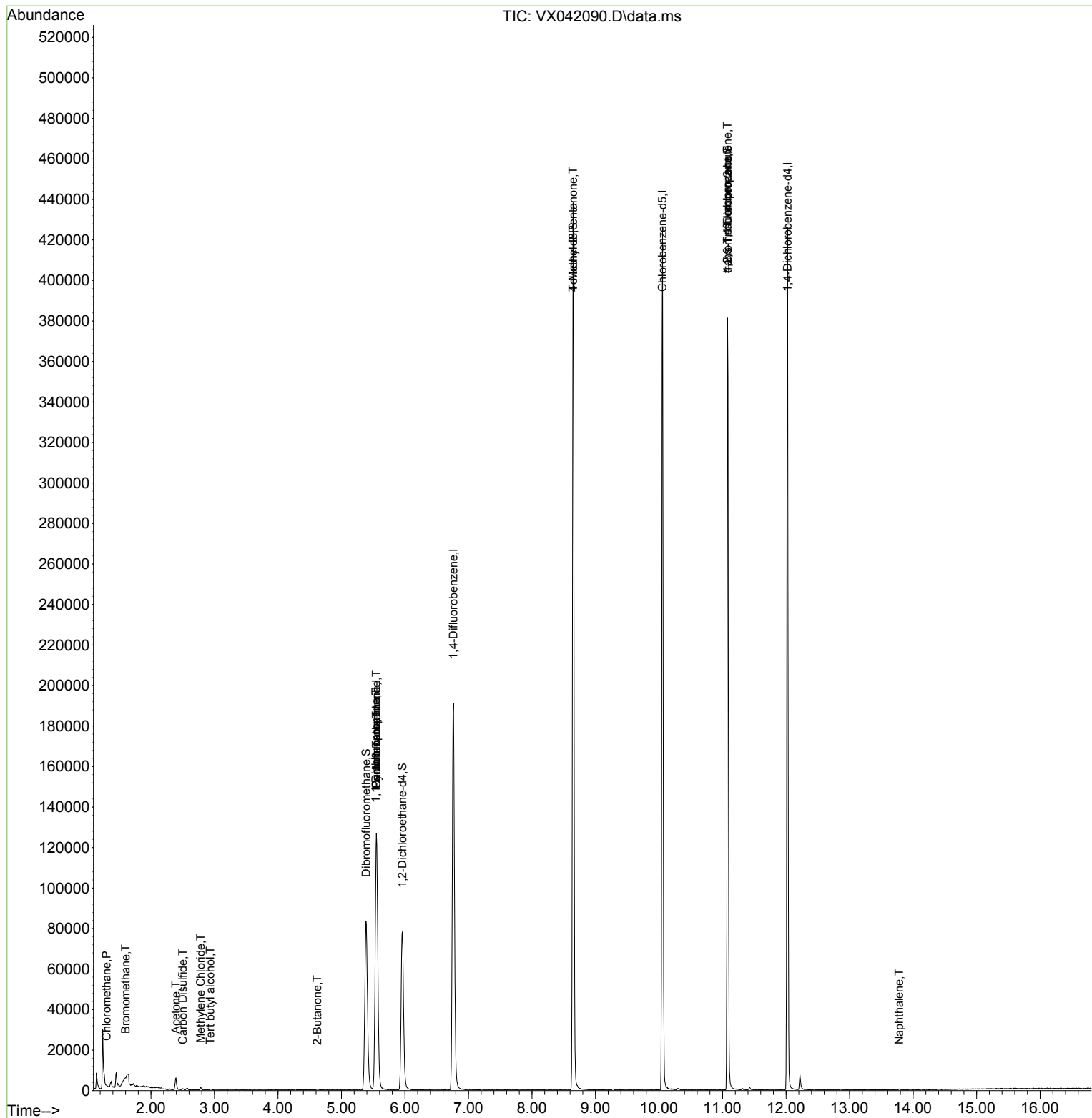
Internal Standards						
1) Pentafluorobenzene	5.550	168	142933	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	219988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75416	45.757	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.520%
35) Dibromofluoromethane	5.385	113	75301	48.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.647	98	274262	50.015	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	102309	50.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.220%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	504	0.369	ug/l	# 77
5) Bromomethane	1.599	94	214	0.316	ug/l	# 62
6) Chloroethane	1.660	64	314	Below Cal		# 43
11) Tert butyl alcohol	2.934	59	109	0.348	ug/l	# 78
16) Acetone	2.392	43	6384	8.821	ug/l	# 86
17) Carbon Disulfide	2.501	76	832	0.331	ug/l	# 76
20) Methylene Chloride	2.782	84	634	0.400	ug/l	# 75
25) 2-Butanone	4.617	43	618	0.549	ug/l	# 51
31) Cyclohexane	5.550	56	1825	0.947	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	7850	4.736	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	11754	6.418	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	944	0.413	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46410	24.294	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46410	68.991	ug/l	# 5
95) Naphthalene	13.780	128	538	0.818	ug/l	# 69

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

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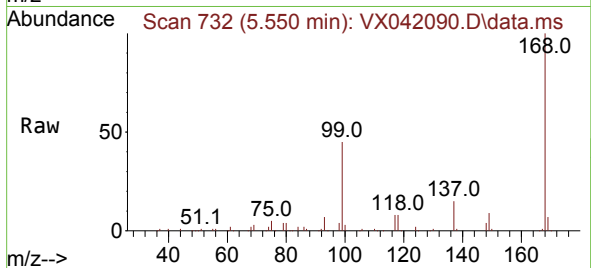
Quant Time: Jun 29 04:22:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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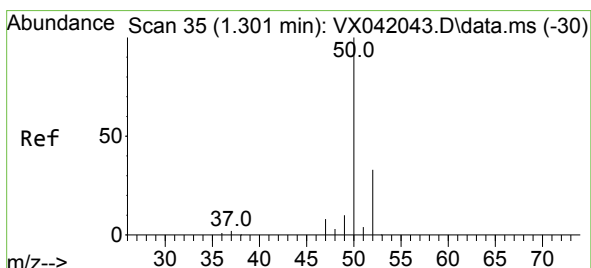
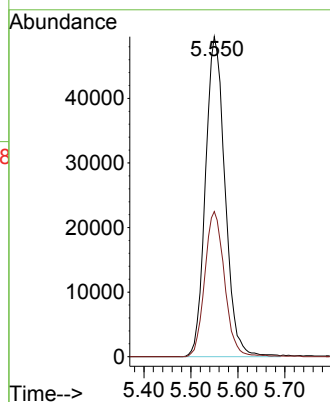
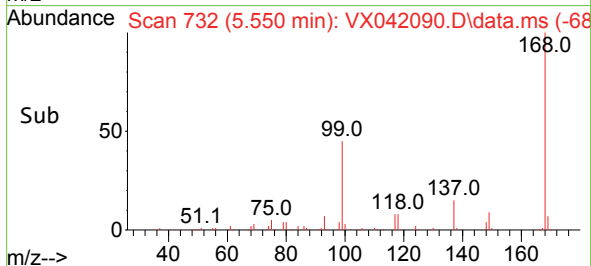


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

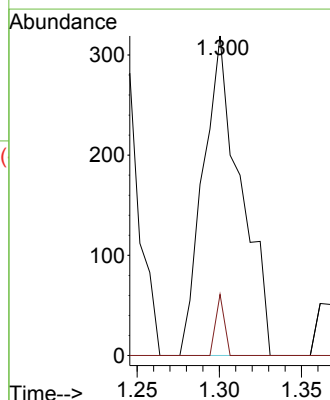
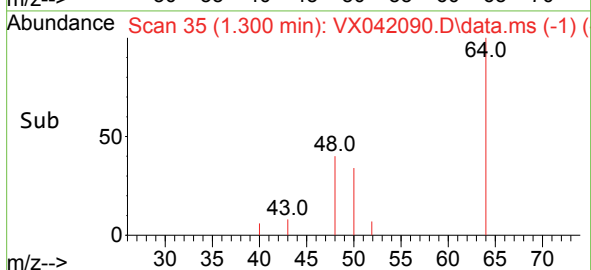
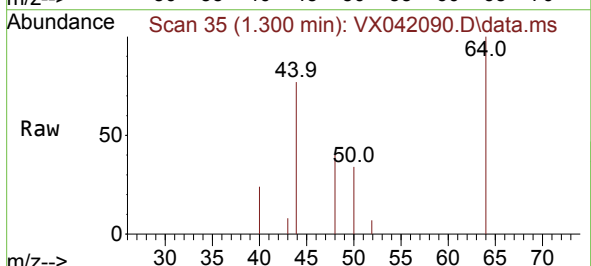


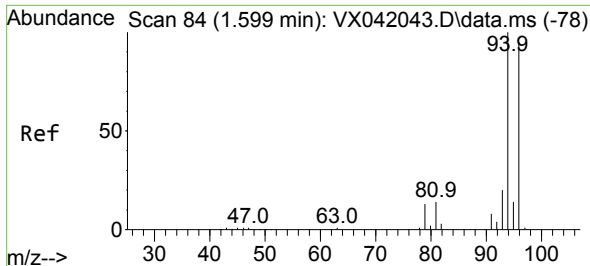
Tgt Ion:168 Resp: 142933
Ion Ratio Lower Upper
168 100
99 45.3 56.6 85.0#



#3
Chloromethane
Concen: 0.369 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

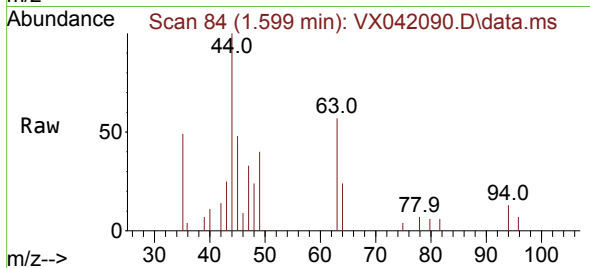
Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 19.1 25.5 38.3#



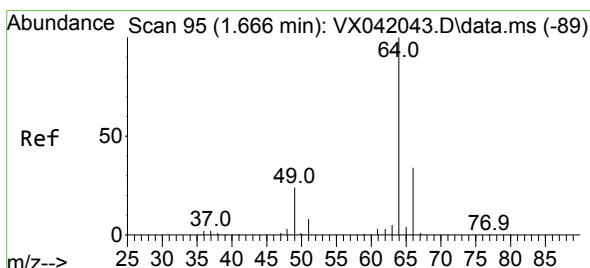
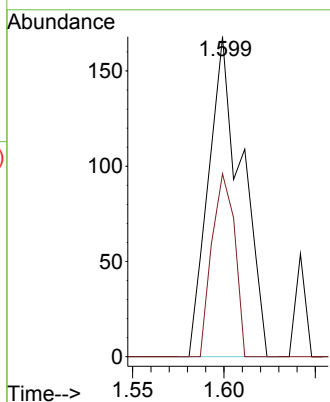
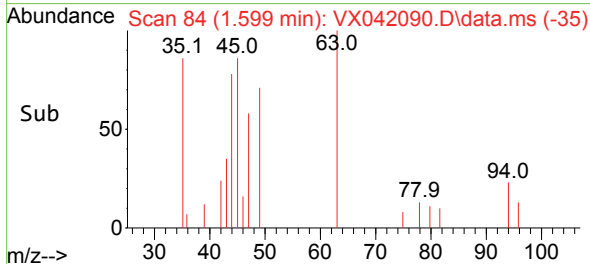


#5
Bromomethane
Concen: 0.316 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

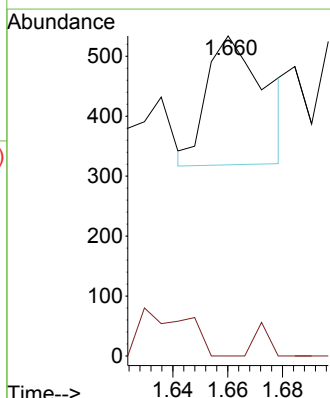
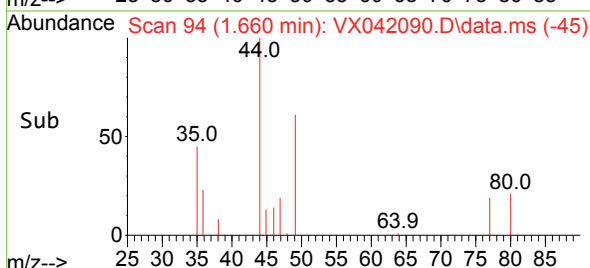
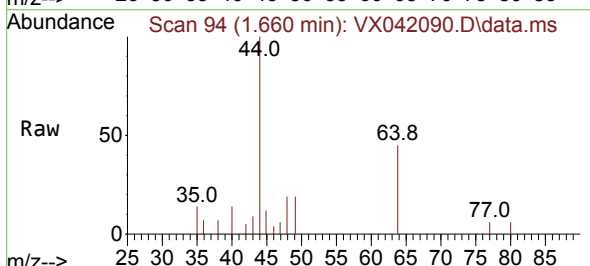


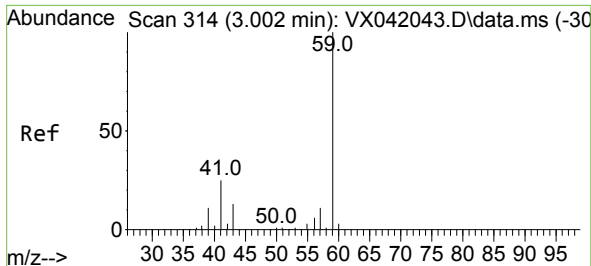
Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 57.1 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.348 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

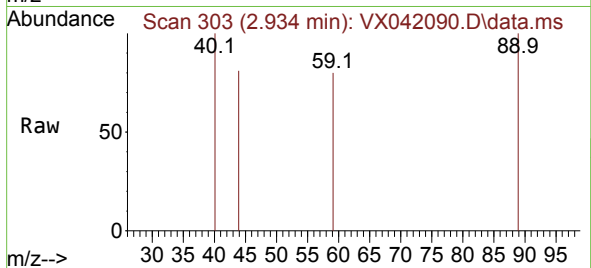
Lab File: VX042090.D

Acq: 28 Jun 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

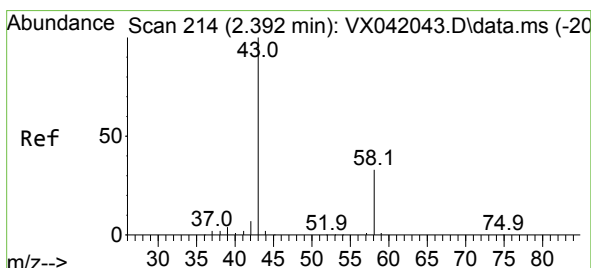
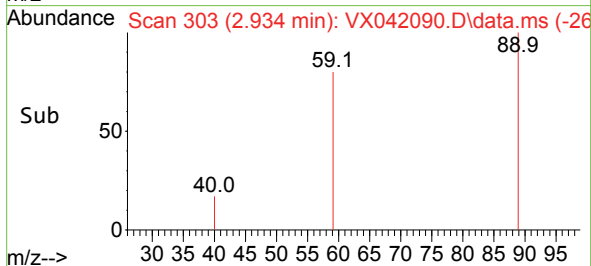
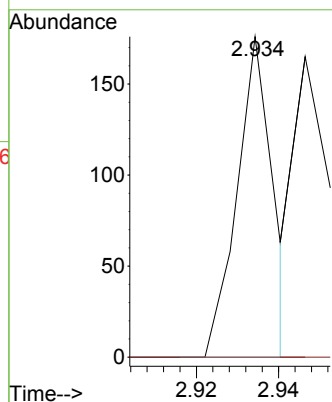


Tgt Ion: 59 Resp: 109

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 8.821 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042090.D

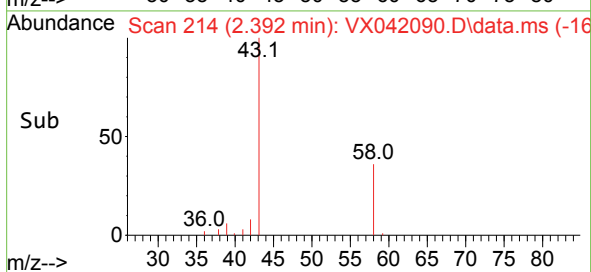
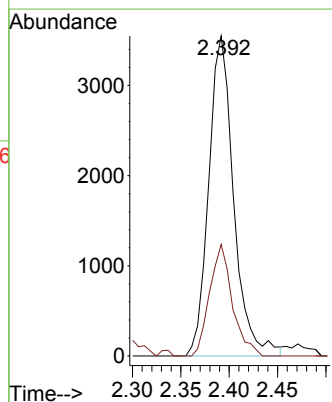
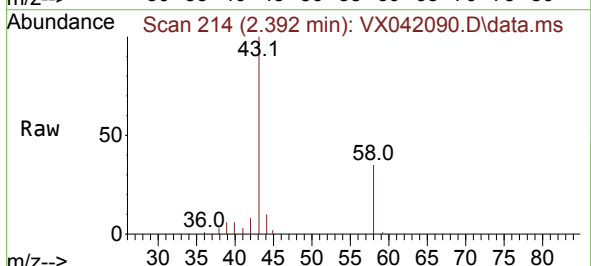
Acq: 28 Jun 2024 17:01

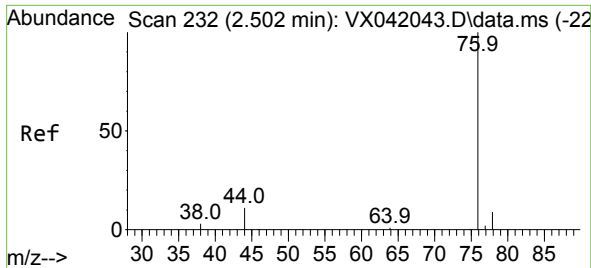
Tgt Ion: 43 Resp: 6384

Ion Ratio Lower Upper

43 100

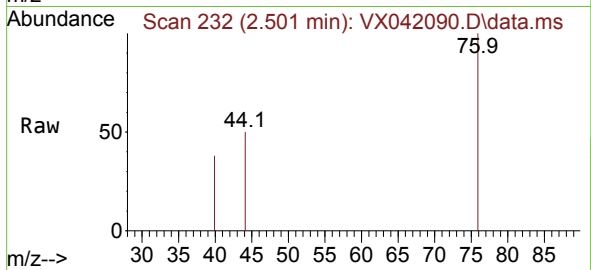
58 34.9 21.9 32.9#



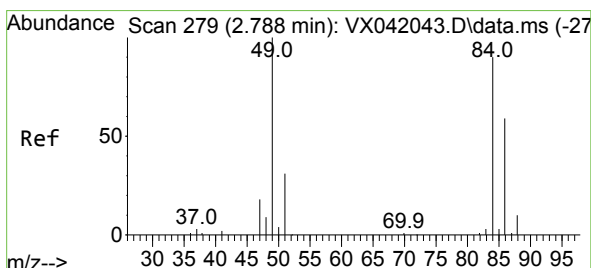
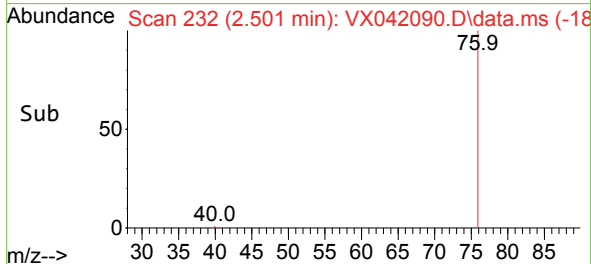
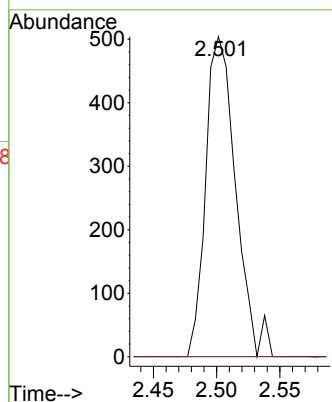


#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

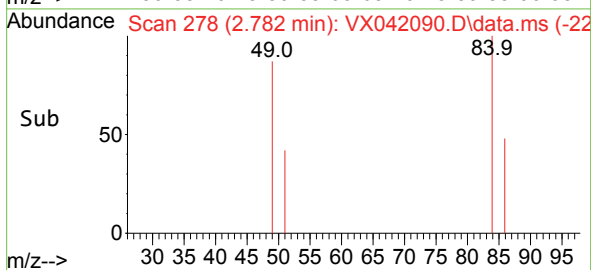
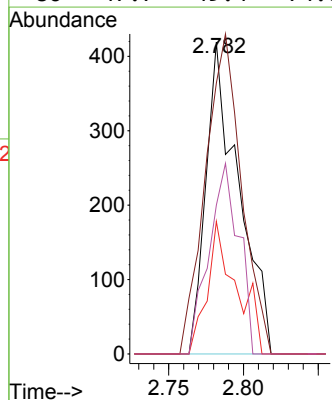
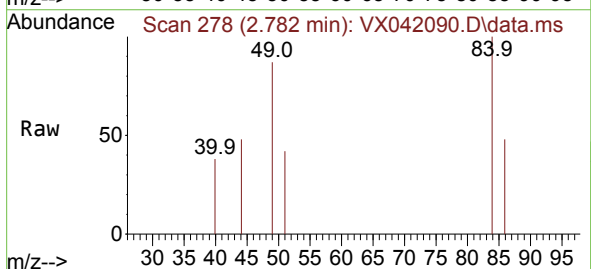


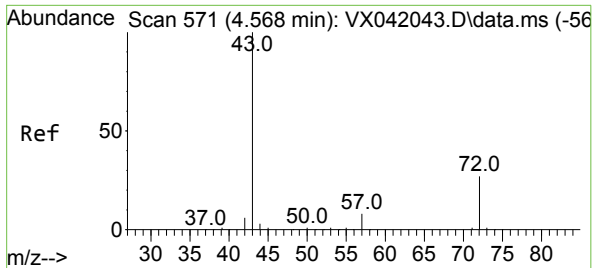
Tgt Ion: 76 Resp: 832
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Tgt Ion: 84 Resp: 634
Ion Ratio Lower Upper
84 100
49 86.9 103.6 155.4#
51 42.5 33.8 50.6
86 47.7 49.4 74.0#

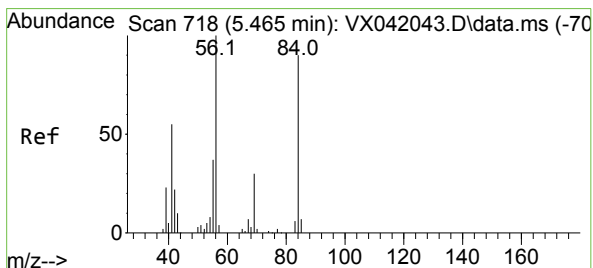
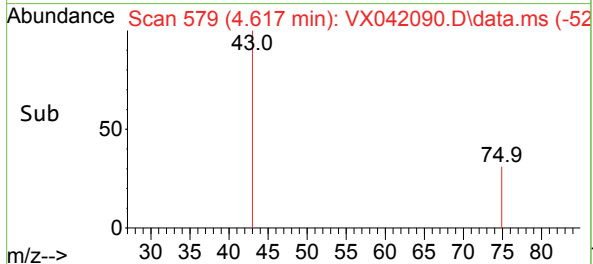
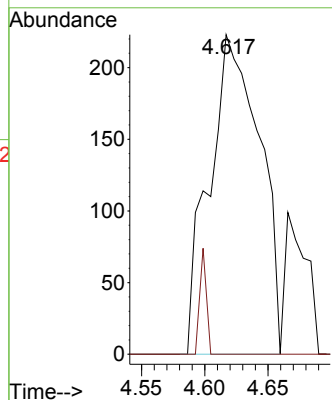
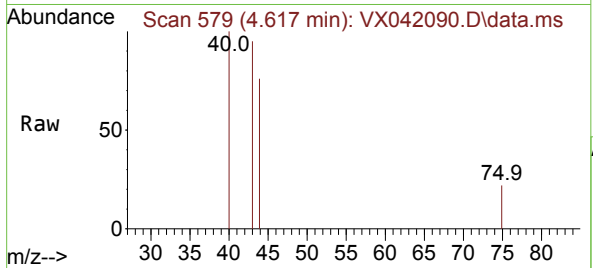




#25
2-Butanone
Concen: 0.549 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

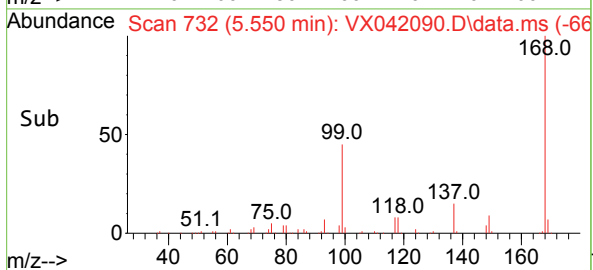
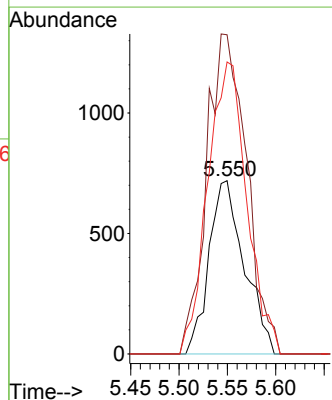
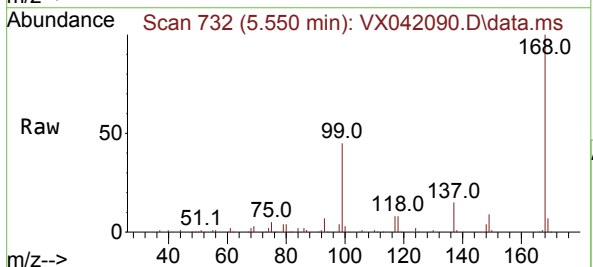
Instrument :
MSVOA_X
ClientSampleId :

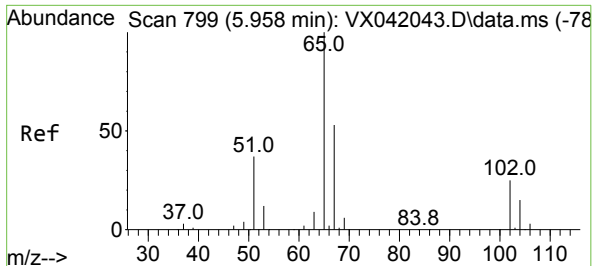
Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 0.947 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Tgt Ion: 56 Resp: 1825
Ion Ratio Lower Upper
56 100
69 184.3 23.4 35.2#
84 168.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.757 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042090.D

Acq: 28 Jun 2024 17:01

Instrument :

MSVOA_X

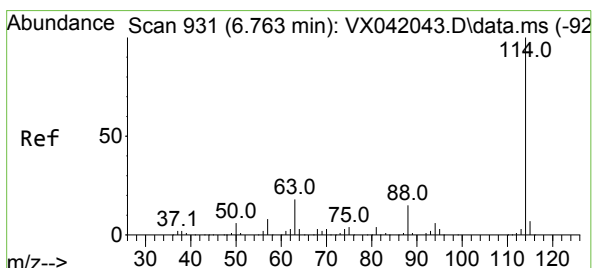
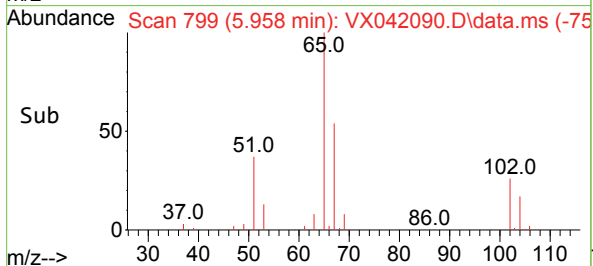
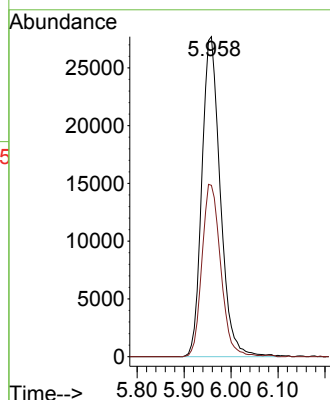
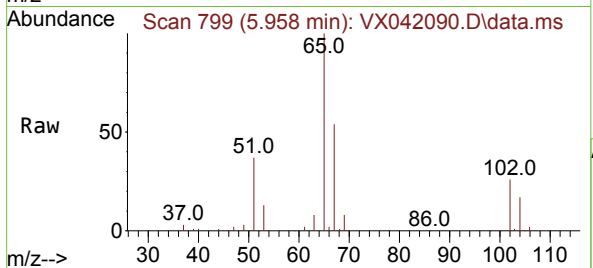
ClientSampleId :

Tgt Ion: 65 Resp: 75416

Ion Ratio Lower Upper

65 100

67 54.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042090.D

Acq: 28 Jun 2024 17:01

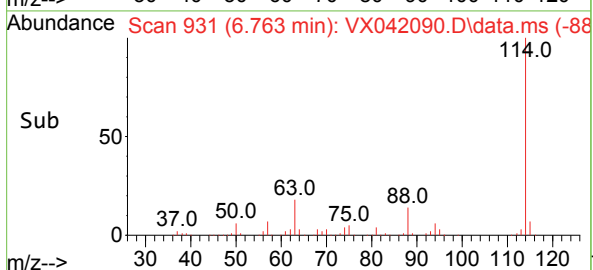
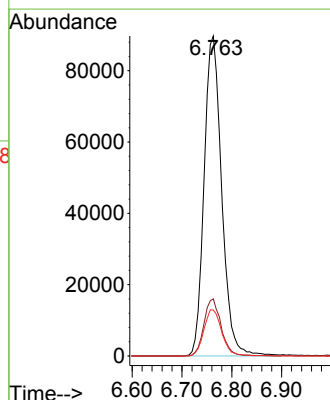
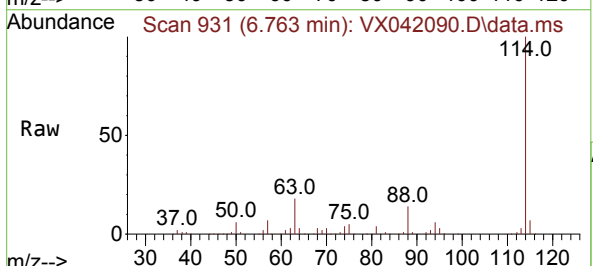
Tgt Ion: 114 Resp: 219988

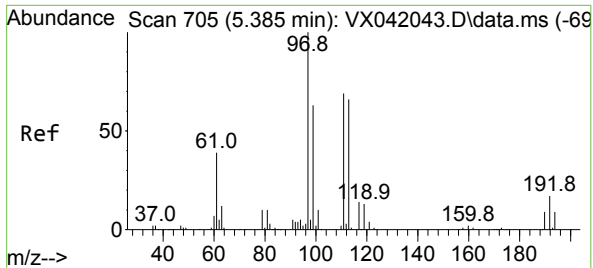
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

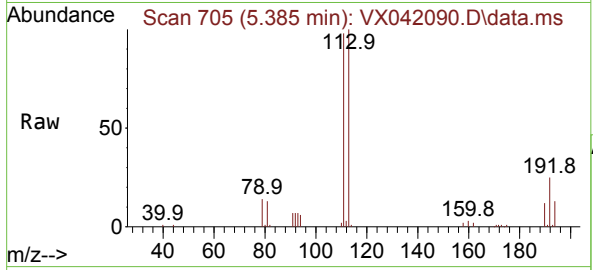
88 14.4 0.0 36.6



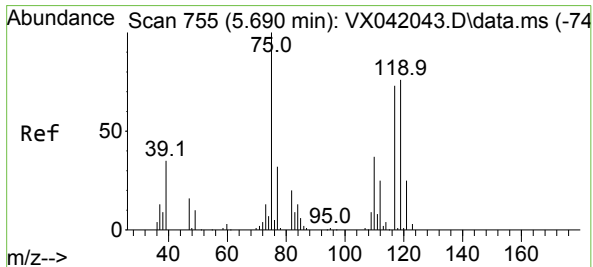
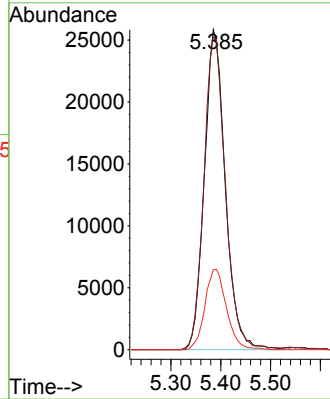
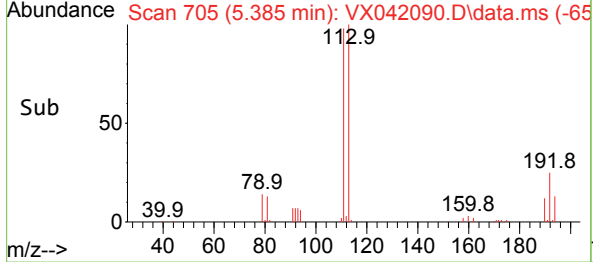


#35
Dibromofluoromethane
Concen: 48.241 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

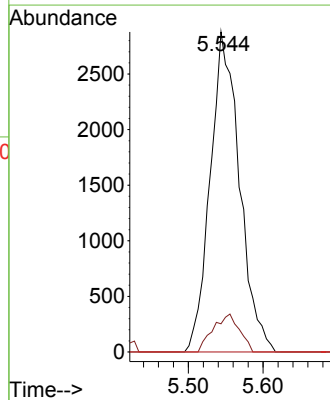
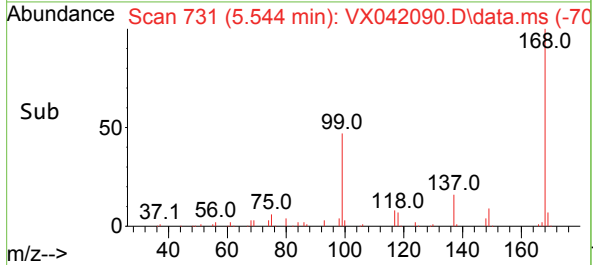
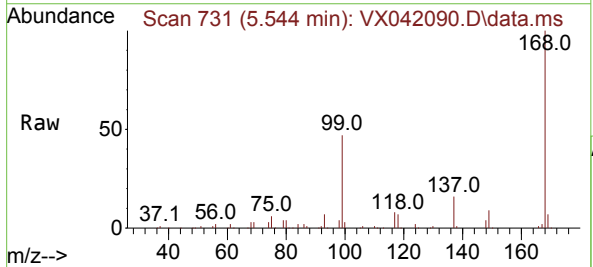


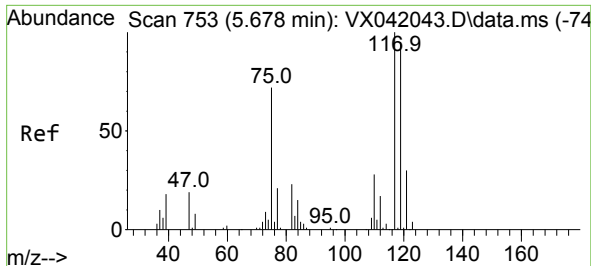
Tgt Ion:113 Resp: 75301
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 25.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

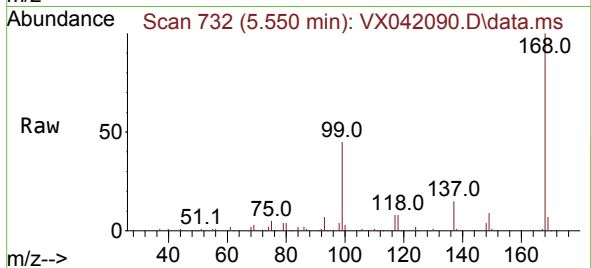
Tgt Ion: 75 Resp: 7850
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



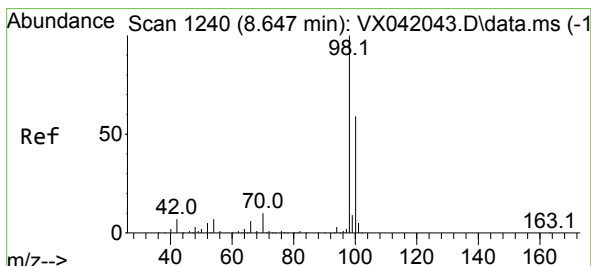
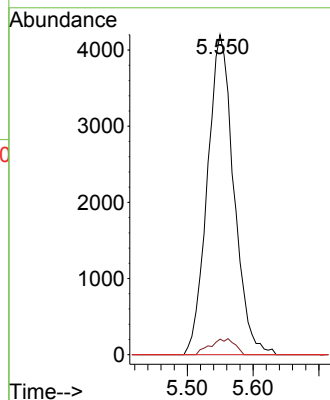
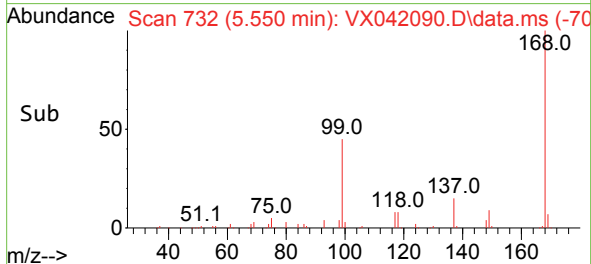


#38
Carbon Tetrachloride
Concen: 6.418 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :

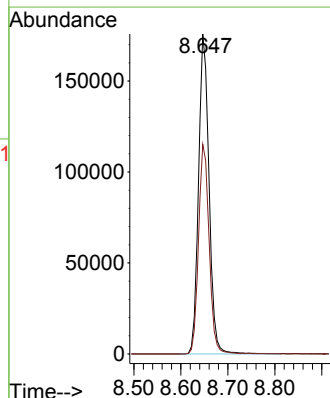
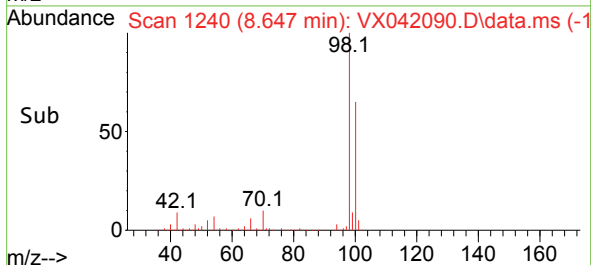
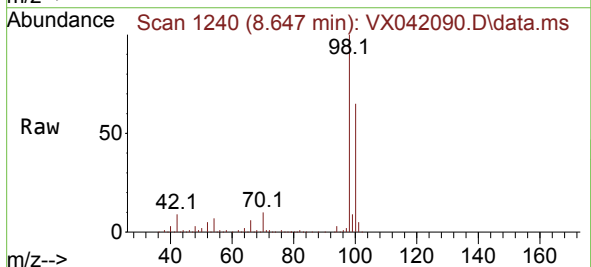


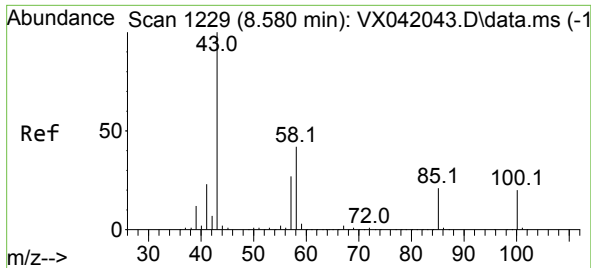
Tgt Ion:117 Resp: 11754
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.015 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Tgt Ion: 98 Resp: 274262
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

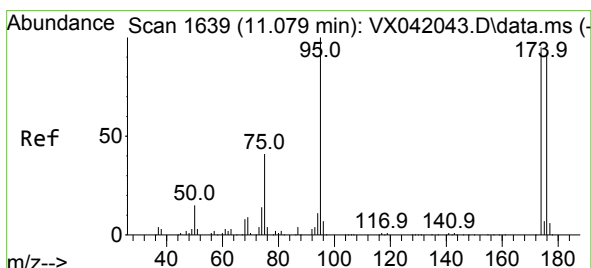
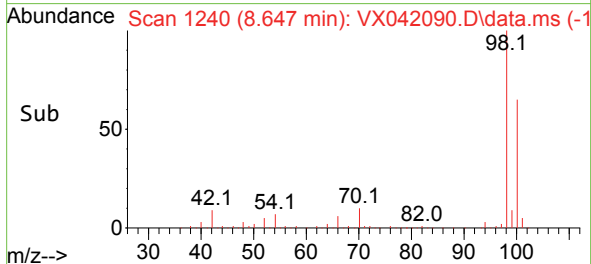
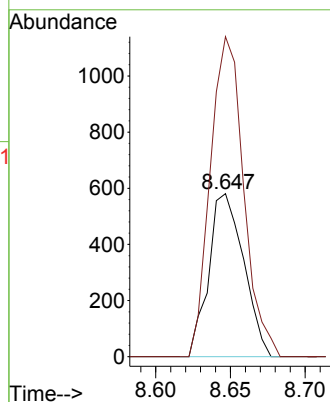
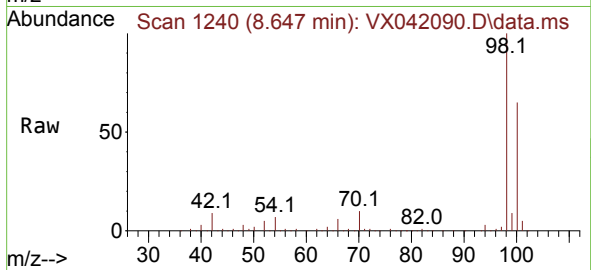




#51
4-Methyl-2-Pentanone
Concen: 0.413 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

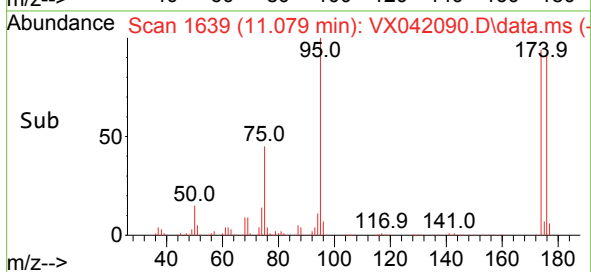
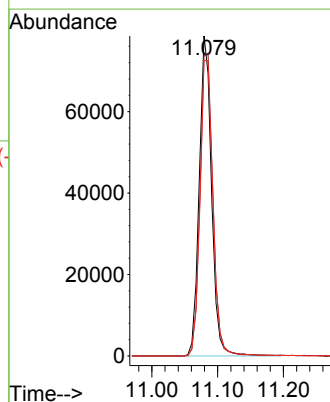
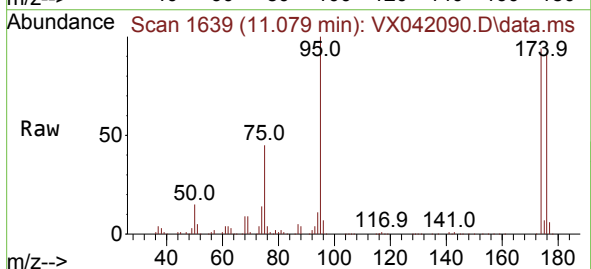
Instrument :
MSVOA_X
ClientSampleId :

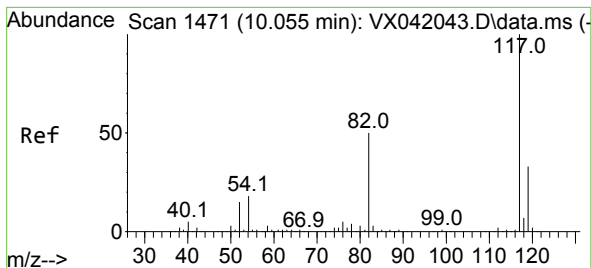
Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
58 187.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

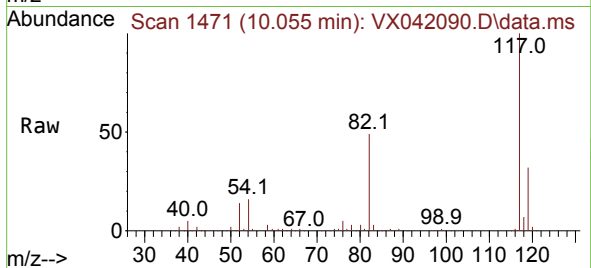
Tgt Ion: 95 Resp: 102309
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 97.3 0.0 131.0



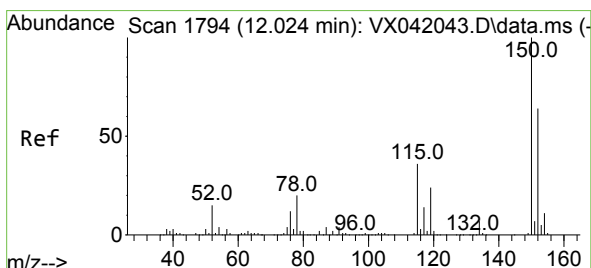
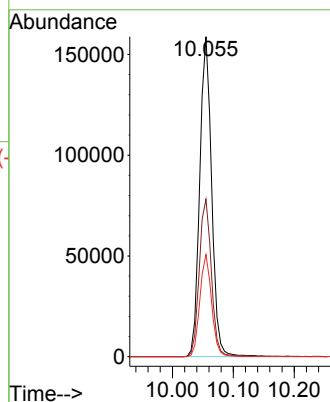
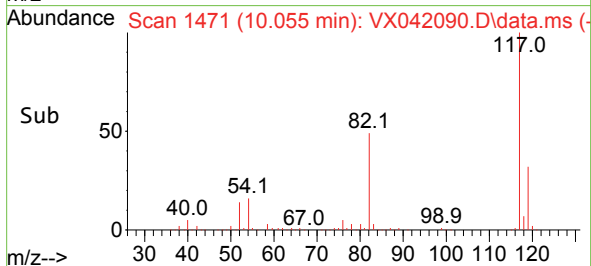


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

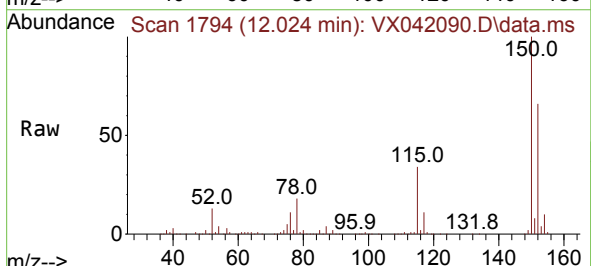
Instrument :
MSVOA_X
ClientSampleId :



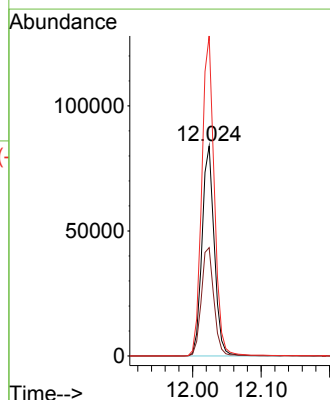
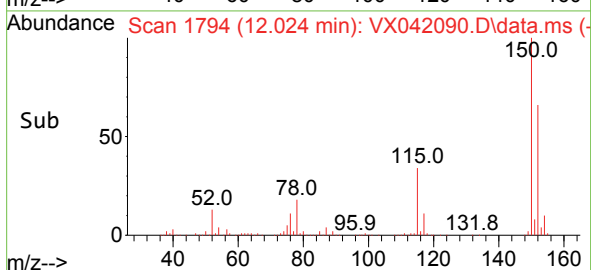
Tgt Ion:117 Resp: 215718
Ion Ratio Lower Upper
117 100
82 49.2 46.2 69.4
119 31.9 25.5 38.3

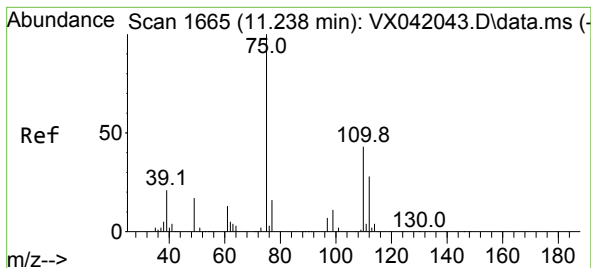


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01



Tgt Ion:152 Resp: 105232
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 154.8 0.0 345.0

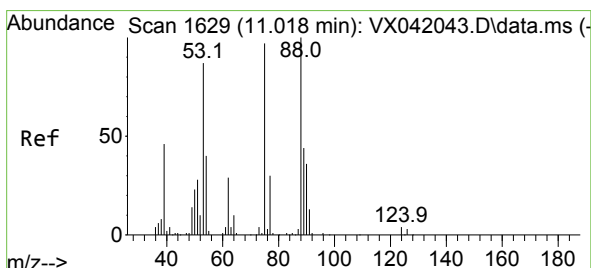
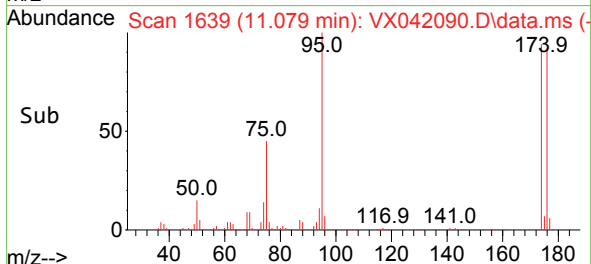
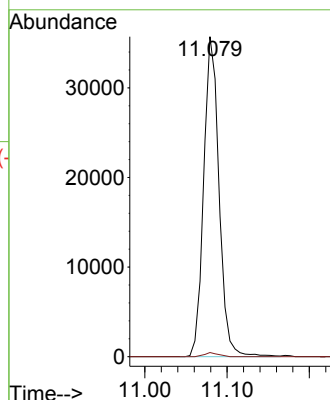
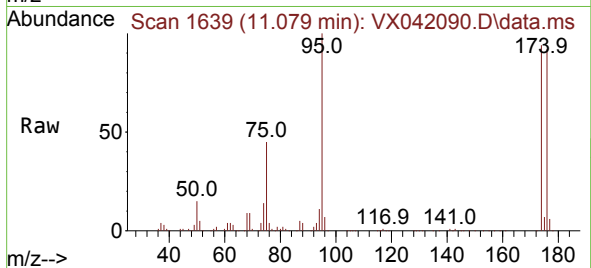




#76
1,2,3-Trichloropropane
Concen: 24.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

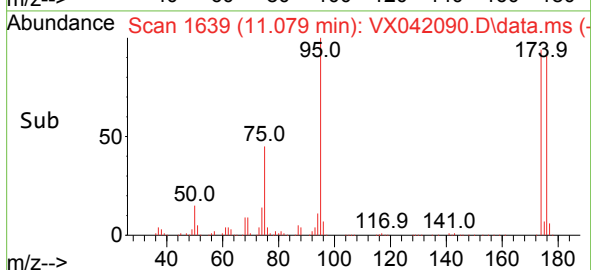
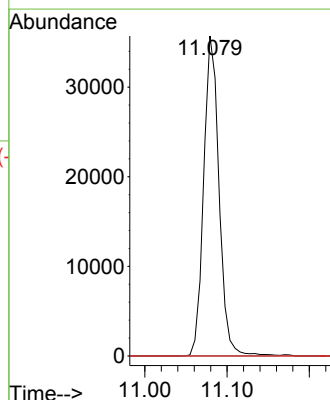
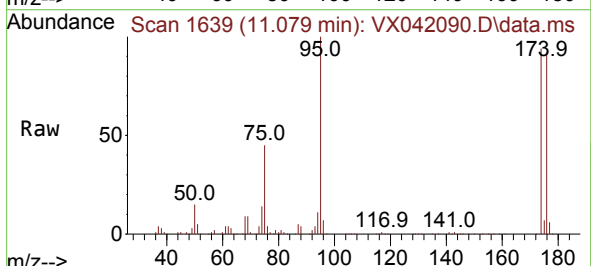
Instrument :
MSVOA_X
ClientSampleId :

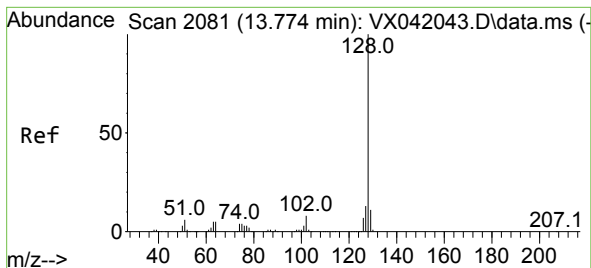
Tgt Ion: 75 Resp: 46410
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042090.D
Acq: 28 Jun 2024 17:01

Tgt Ion: 75 Resp: 46410
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.818 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

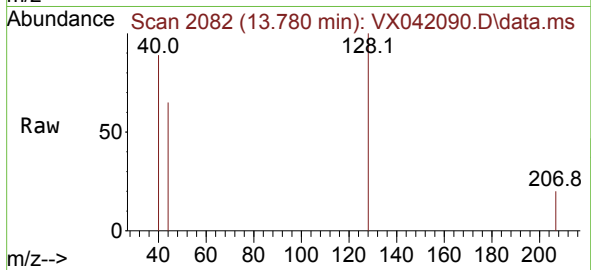
Lab File: VX042090.D

Acq: 28 Jun 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 538

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

