

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041699.D
 Acq On : 03 Jun 2024 13:10
 Operator : JC/MD
 Sample : P2694-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:46:29 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)

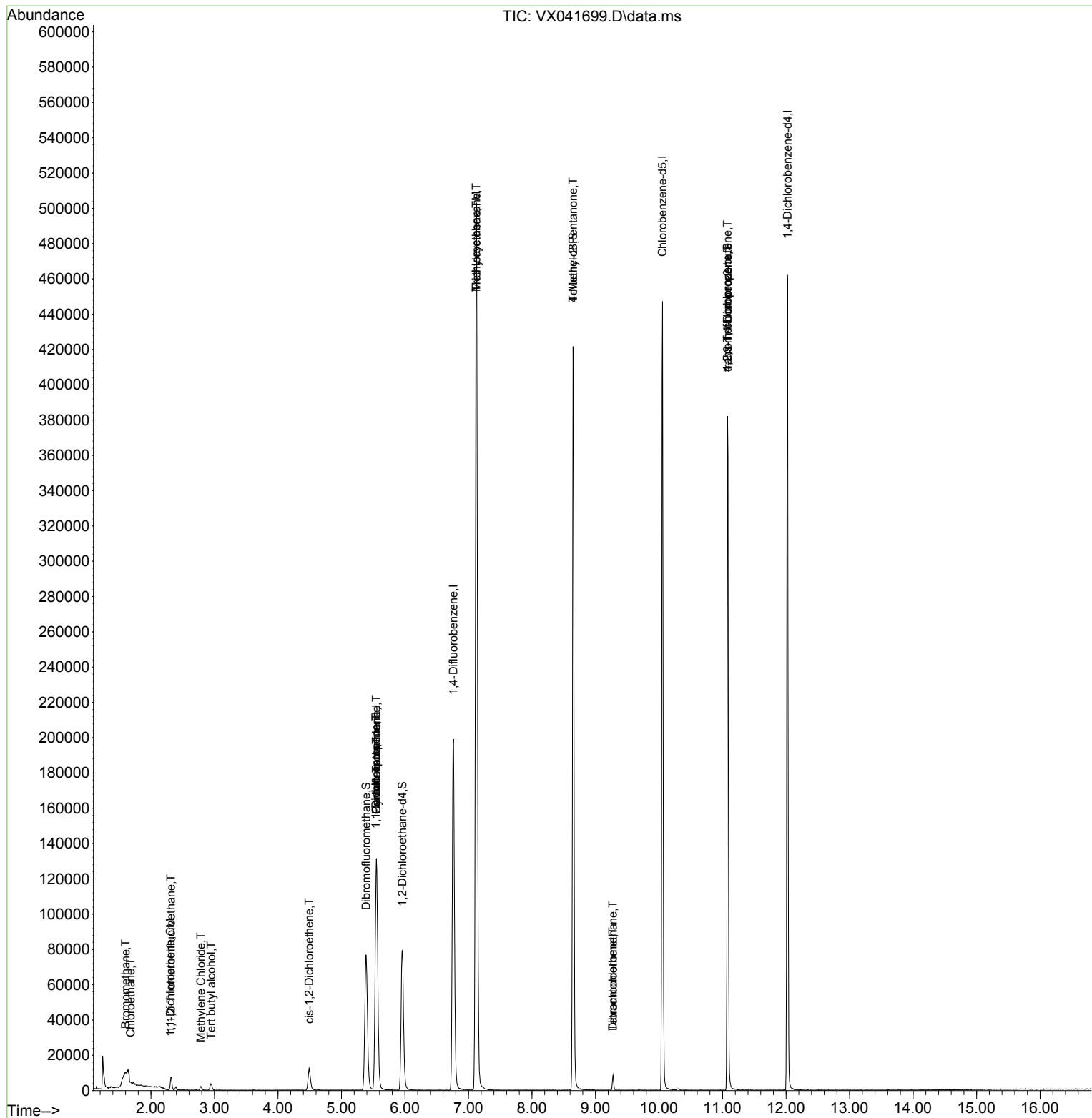
Internal Standards						
1) Pentafluorobenzene	5.550	168	137789	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	210634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80377	47.562	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	66884	45.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	250829	49.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	96669	51.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.940%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	356	0.376	ug/l	89
6) Chloroethane	1.678	64	365	0.444	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	2197	1.746	ug/l #	78
11) Tert butyl alcohol	2.946	59	2292	7.667	ug/l #	78
12) 1,1-Dichloroethene	2.306	96	503	0.410	ug/l #	73
16) Acetone	2.392	43	1960	Below Cal		90
20) Methylene Chloride	2.788	84	1161	0.768	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	7666	5.032	ug/l	83
31) Cyclohexane	5.550	56	2510	1.258	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	8862	5.026	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12584	6.281	ug/l #	15
39) Methylcyclohexane	7.122	83	2012	0.929	ug/l #	1
44) Trichloroethene	7.122	130	204240	136.247	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1155	0.530	ug/l #	1
60) Dibromochloromethane	9.275	129	1503	0.961	ug/l #	11
64) Tetrachloroethene	9.275	164	1705	1.073	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	48510	26.107	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48510	71.155	ug/l #	5

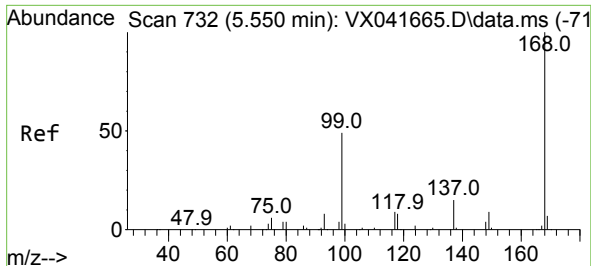
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

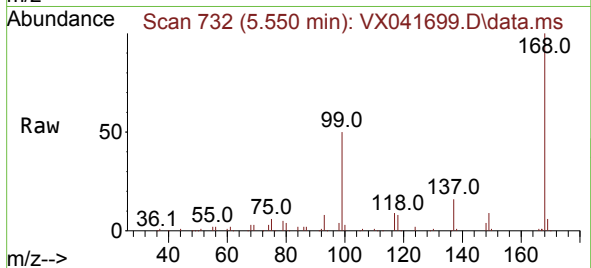
Quant Time: Jun 04 00:46:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



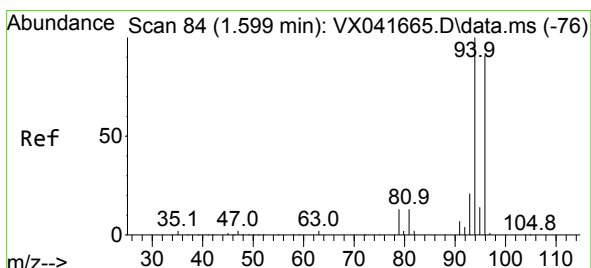
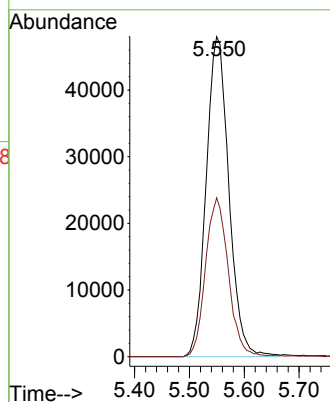
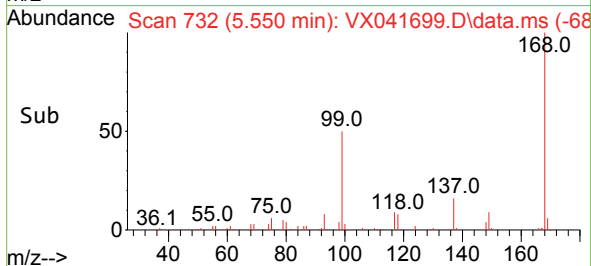


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :

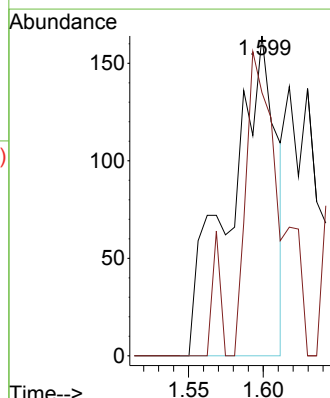
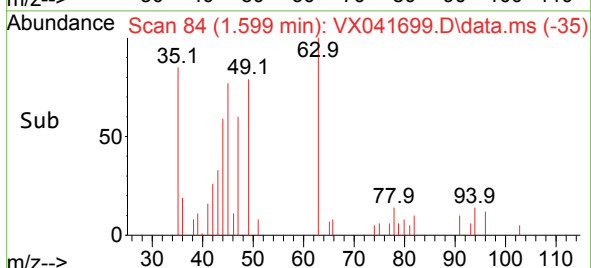
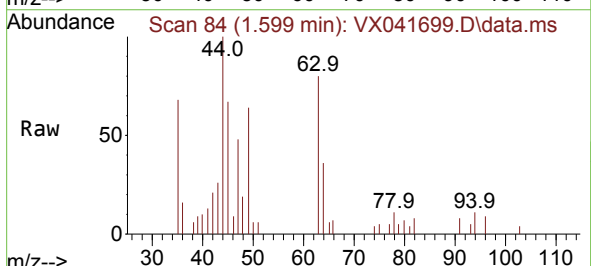


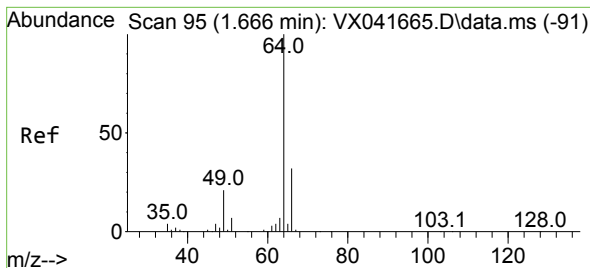
Tgt Ion:168 Resp: 137789
Ion Ratio Lower Upper
168 100
99 49.7 56.6 85.0#



#5
Bromomethane
Concen: 0.376 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 82.3 74.6 111.8





#6

Chloroethane

Concen: 0.444 ug/l

RT: 1.678 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

Instrument :

MSVOA_X

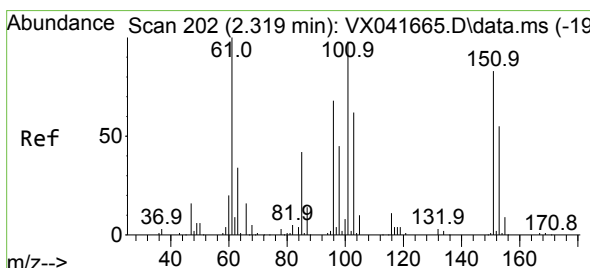
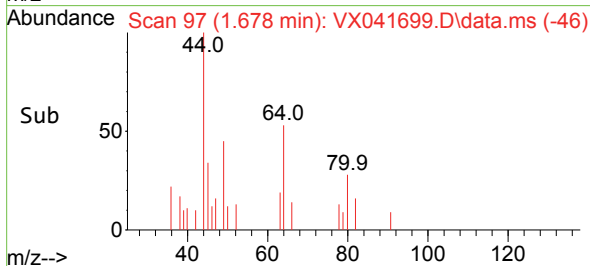
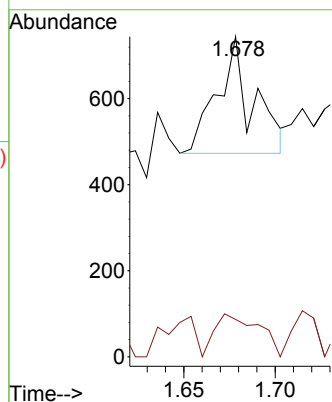
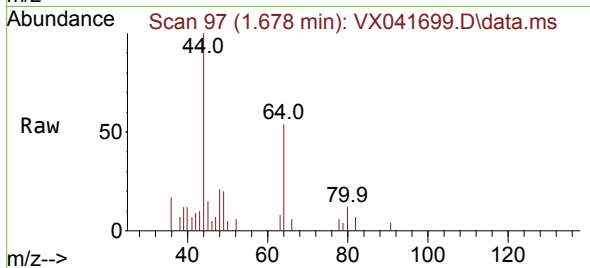
ClientSampleId :

Tgt Ion: 64 Resp: 365

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.746 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

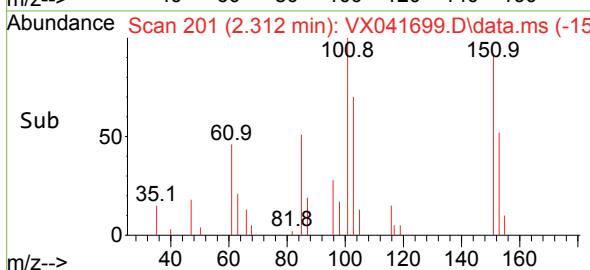
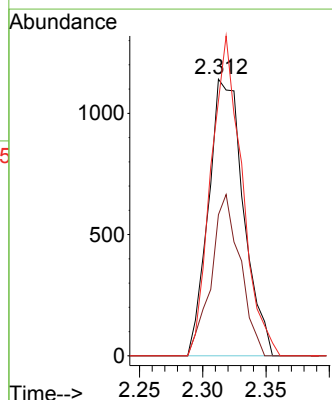
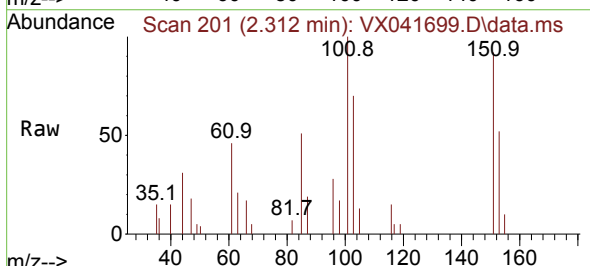
Tgt Ion: 101 Resp: 2197

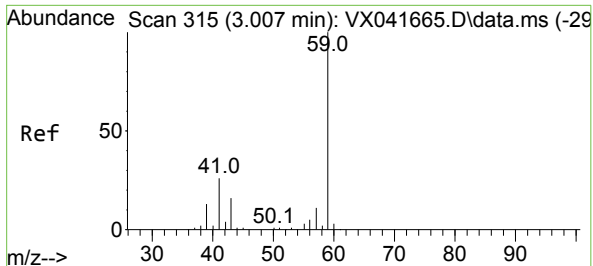
Ion Ratio Lower Upper

101 100

85 48.3 37.0 55.6

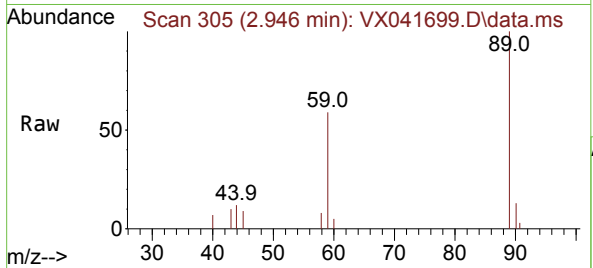
151 102.4 58.6 87.8#



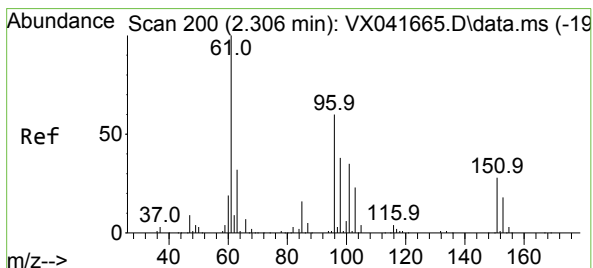
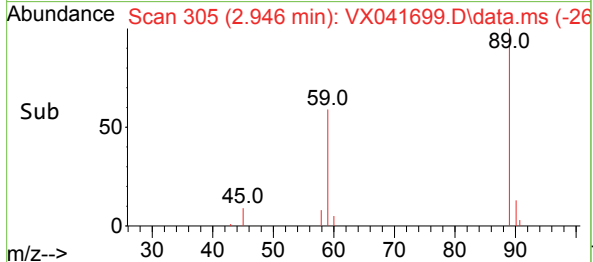
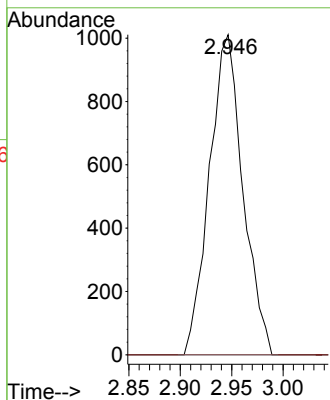


#11
Tert butyl alcohol
Concen: 7.667 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :

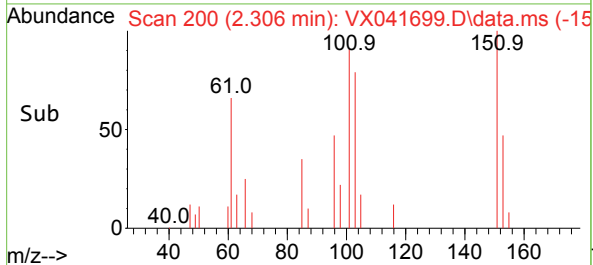
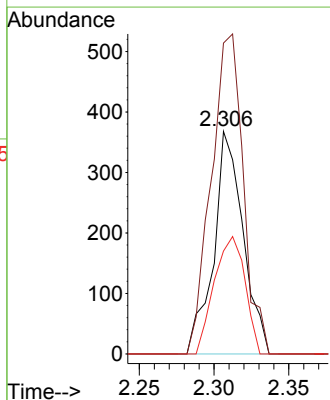
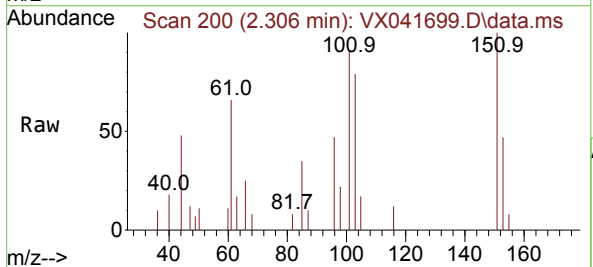


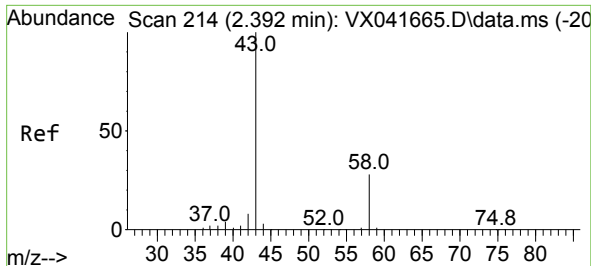
Tgt Ion: 59 Resp: 2292
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.410 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Tgt Ion: 96 Resp: 503
Ion Ratio Lower Upper
96 100
61 139.7 144.6 216.8#
98 46.2 50.4 75.6#

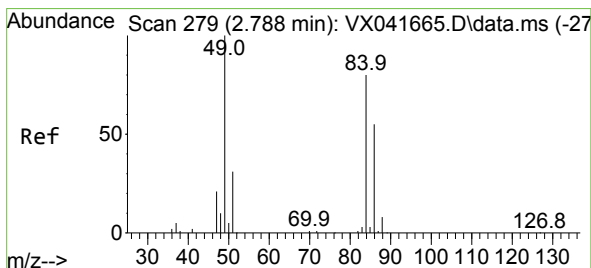
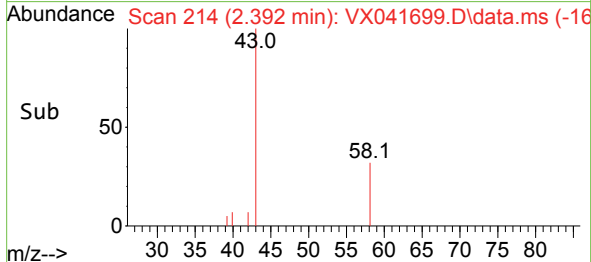
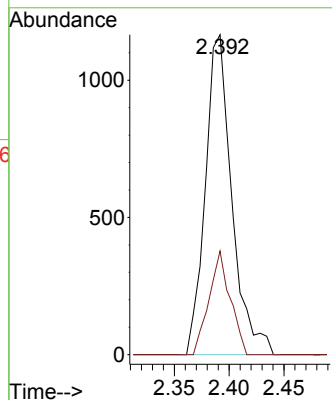
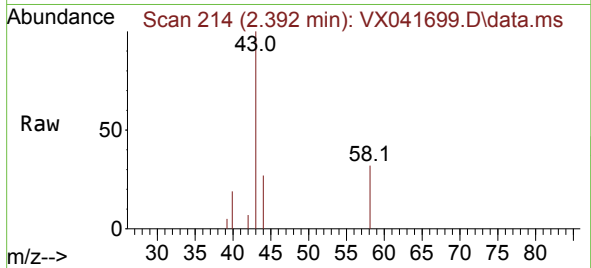




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

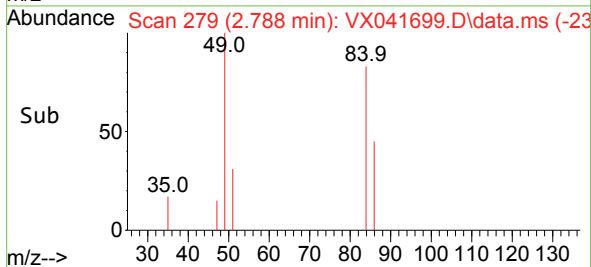
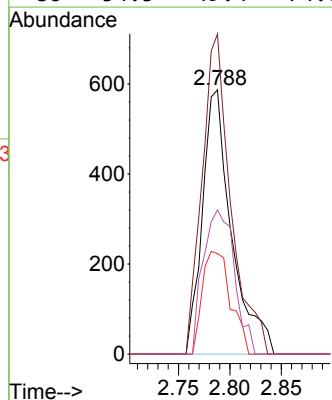
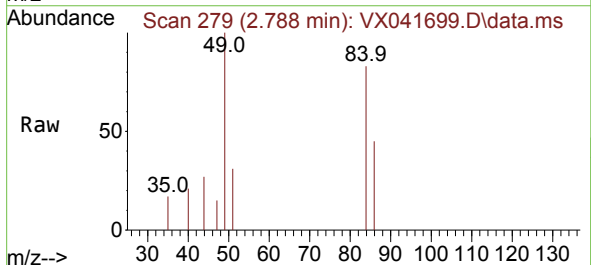
Instrument :
MSVOA_X
ClientSampleId :

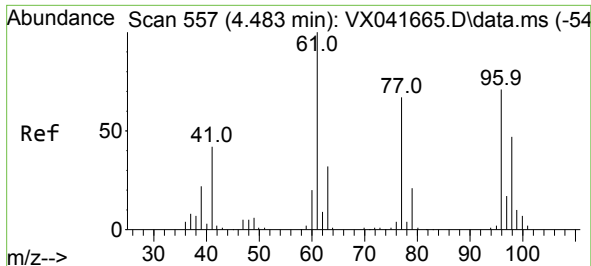
Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.768 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Tgt Ion: 84 Resp: 1161
Ion Ratio Lower Upper
84 100
49 121.1 103.6 155.4
51 38.0 33.8 50.6
86 54.5 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 5.032 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

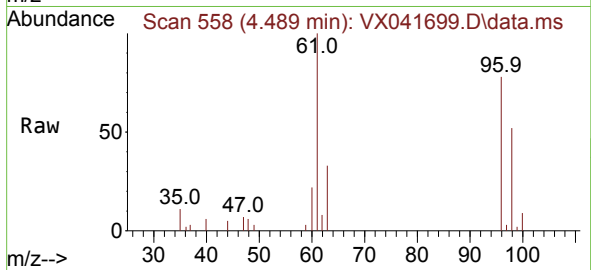
Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

Instrument :

MSVOA_X

ClientSampleId :



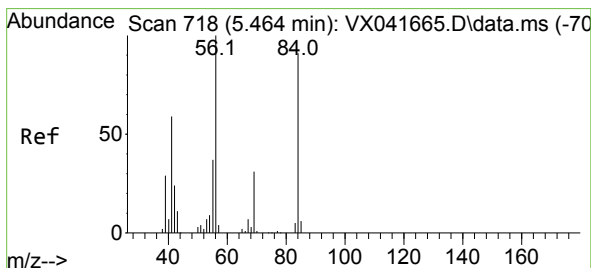
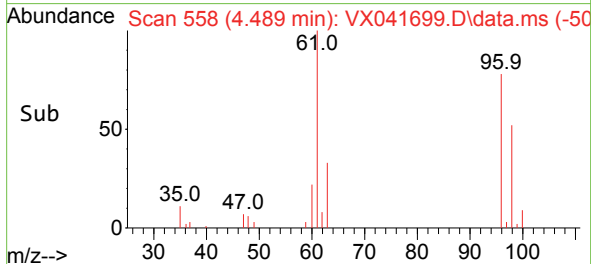
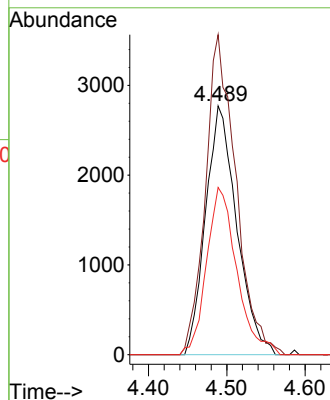
Tgt Ion: 96 Resp: 7666

Ion Ratio Lower Upper

96 100

61 125.5 0.0 312.2

98 65.3 0.0 129.0



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

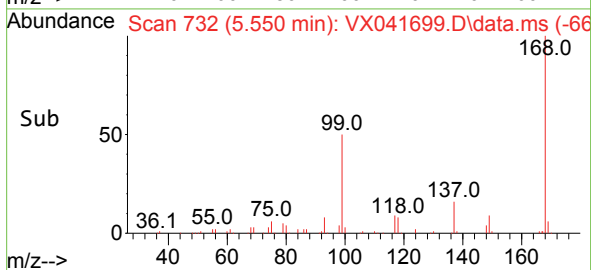
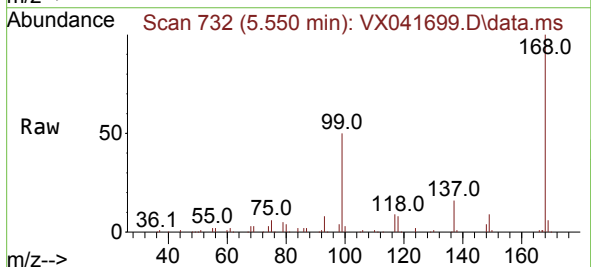
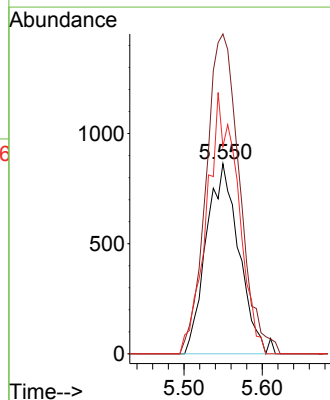
Tgt Ion: 56 Resp: 2510

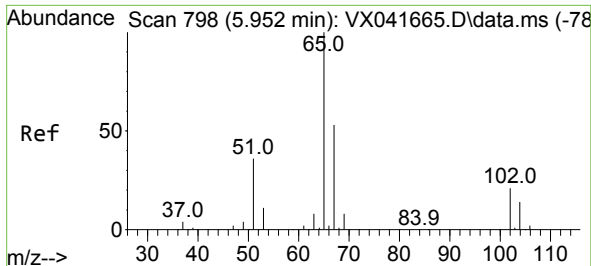
Ion Ratio Lower Upper

56 100

69 168.3 23.4 35.2#

84 109.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.562 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

Instrument :

MSVOA_X

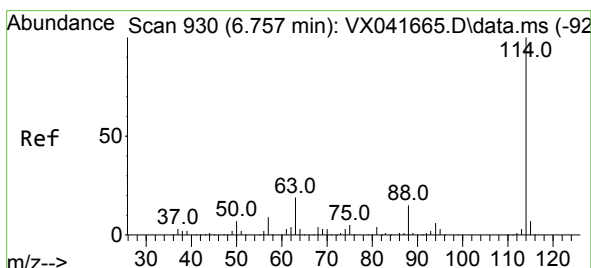
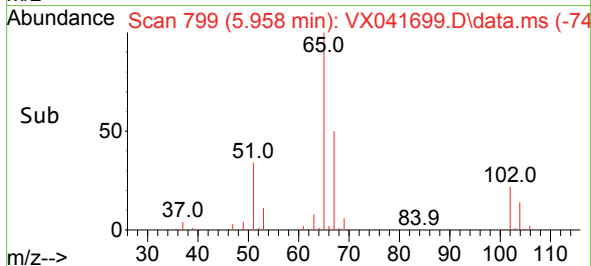
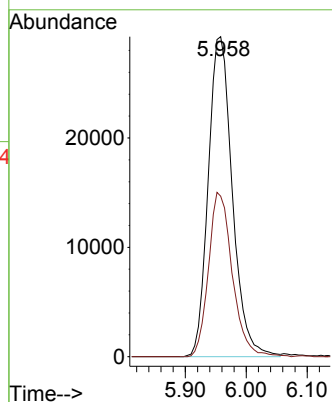
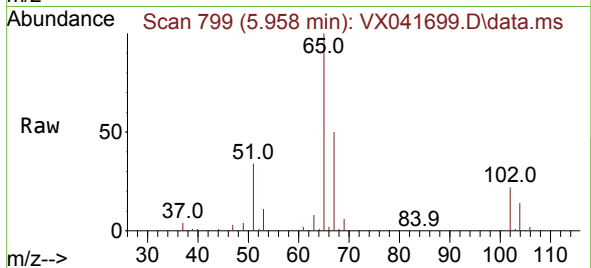
ClientSampleId :

Tgt Ion: 65 Resp: 80377

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

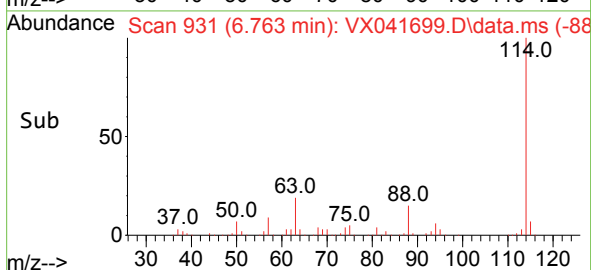
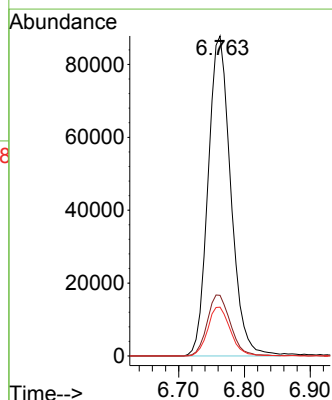
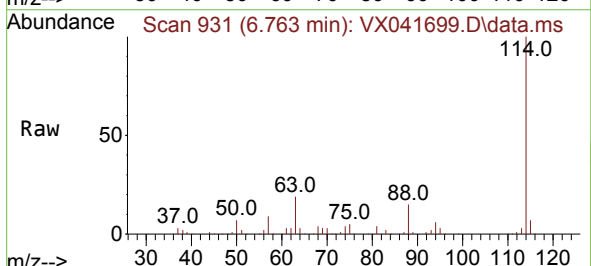
Tgt Ion: 114 Resp: 210634

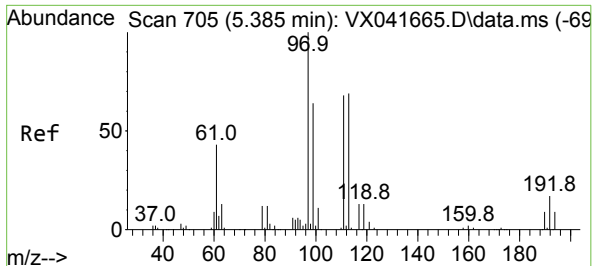
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

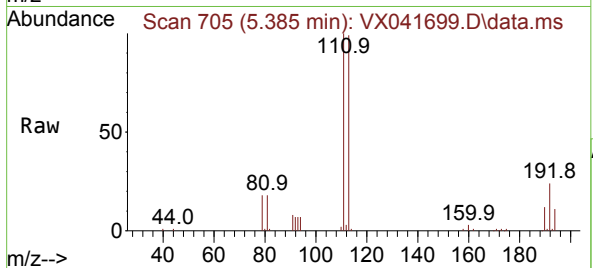
88 15.2 0.0 36.6



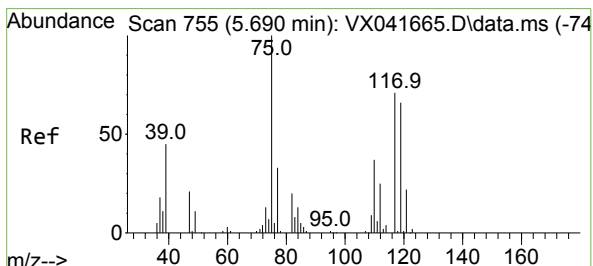
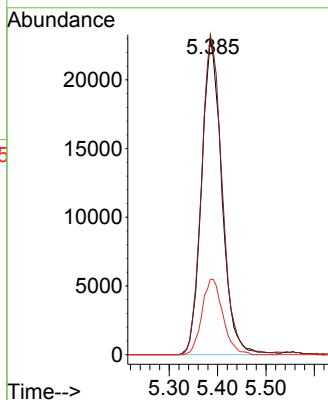
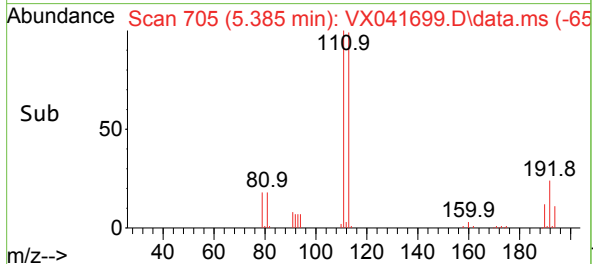


#35
Dibromofluoromethane
Concen: 45.927 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :

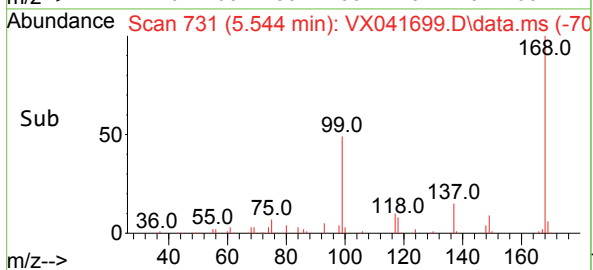
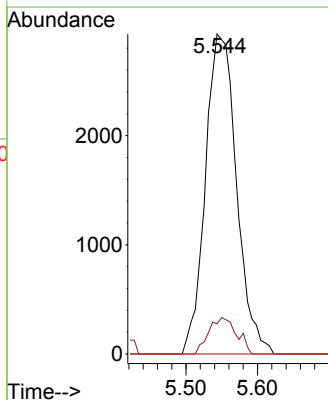
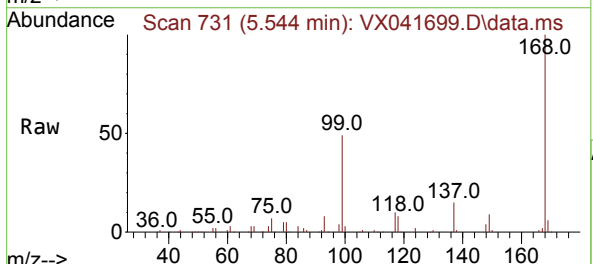


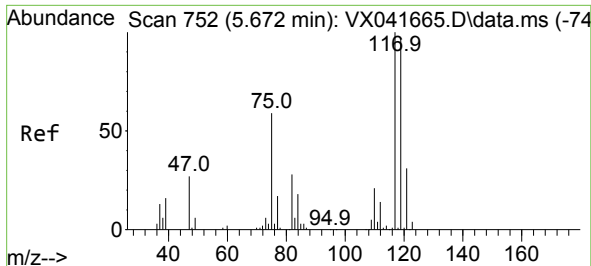
Tgt Ion:113 Resp: 66884
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 24.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

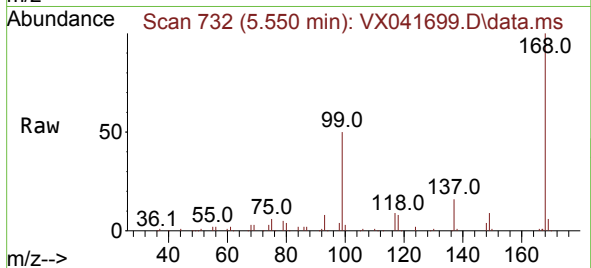
Tgt Ion: 75 Resp: 8862
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



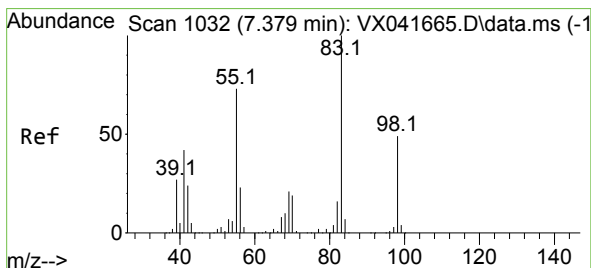
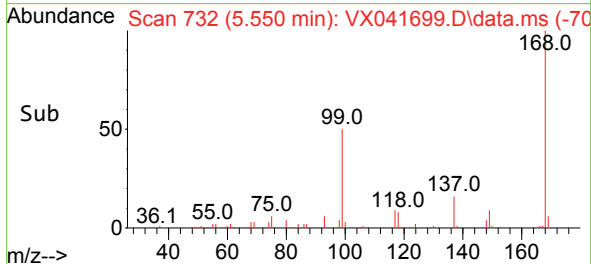
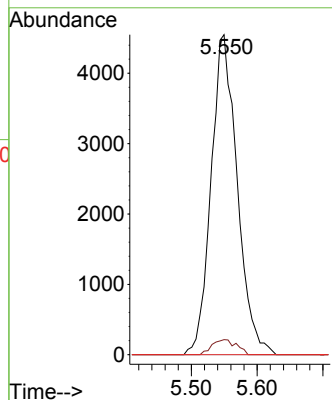


#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :

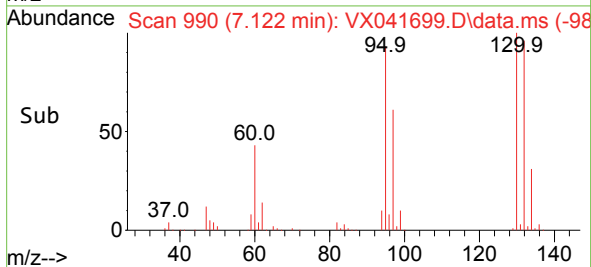
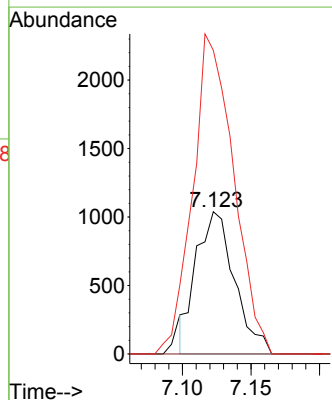
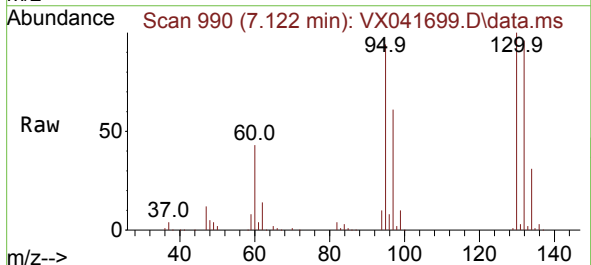


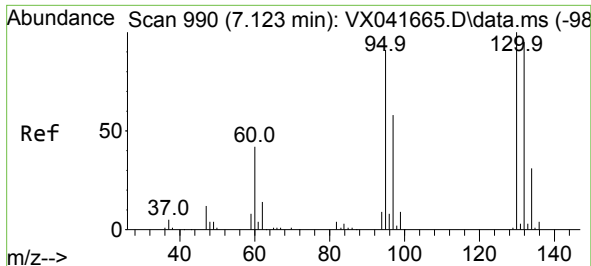
Tgt Ion:117 Resp: 12584
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.929 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Tgt Ion: 83 Resp: 2012
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 213.5 36.7 55.1#

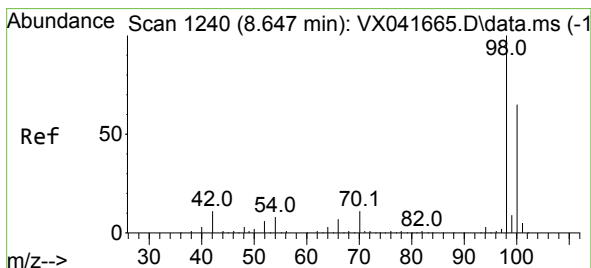
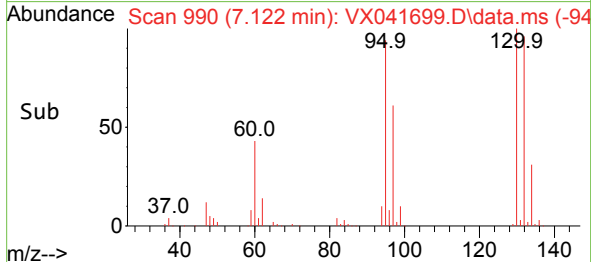
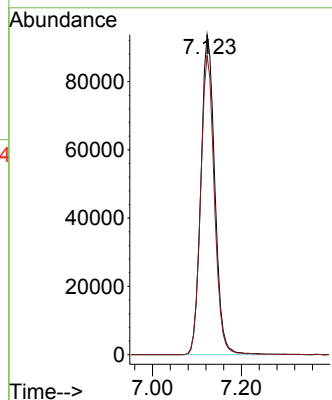
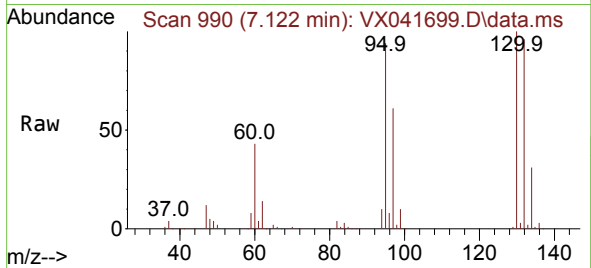




#44
Trichloroethene
Concen: 136.247 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

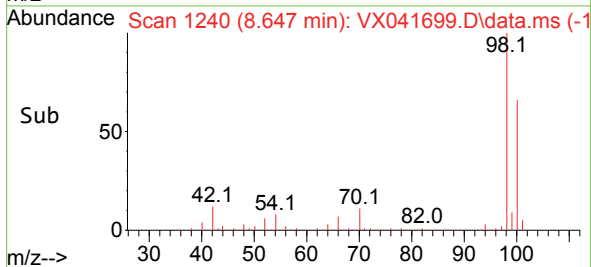
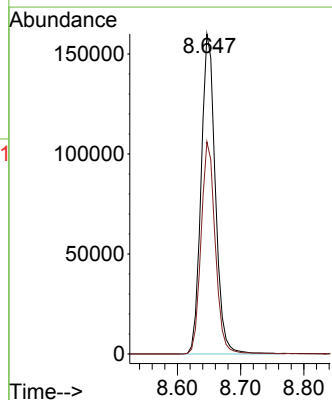
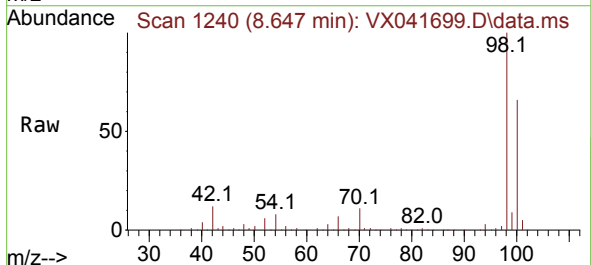
Instrument :
MSVOA_X
ClientSampleId :

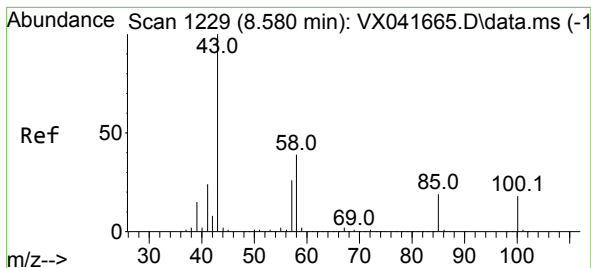
Tgt Ion:130 Resp: 204240
Ion Ratio Lower Upper
130 100
95 93.5 0.0 204.4



#50
Toluene-d8
Concen: 49.293 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Tgt Ion: 98 Resp: 250829
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

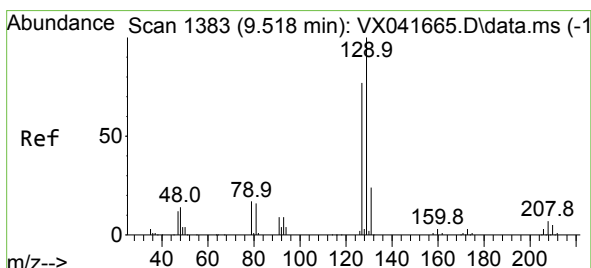
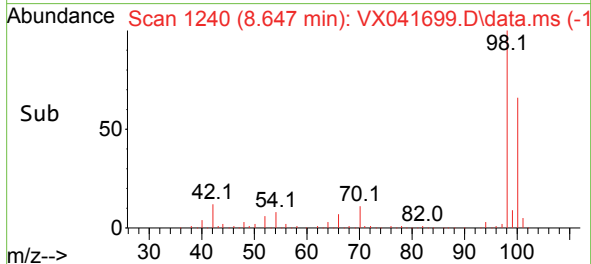
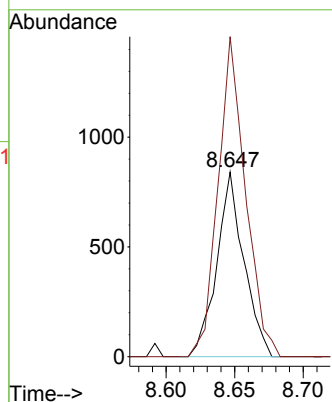
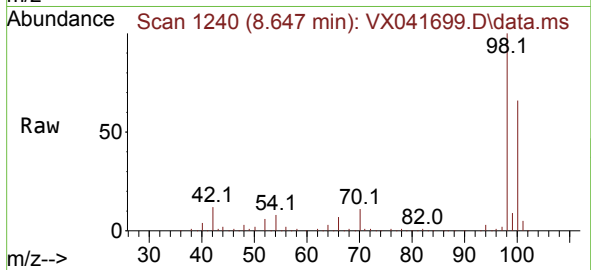




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.647 min Scan# 1155
Delta R.T. 0.067 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

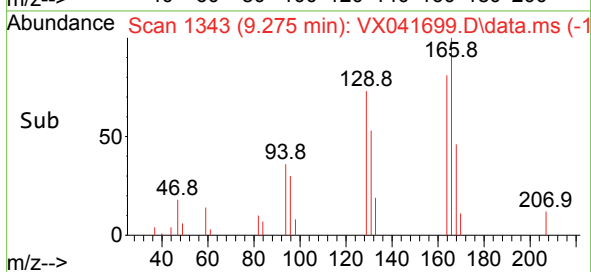
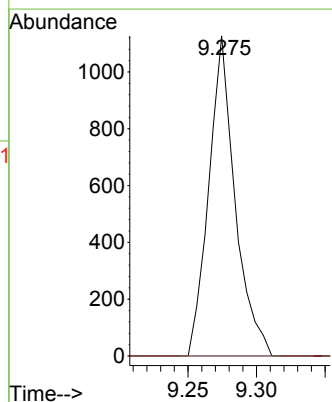
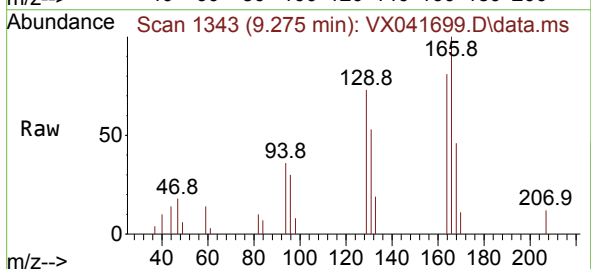
Instrument :
MSVOA_X
ClientSampleId :

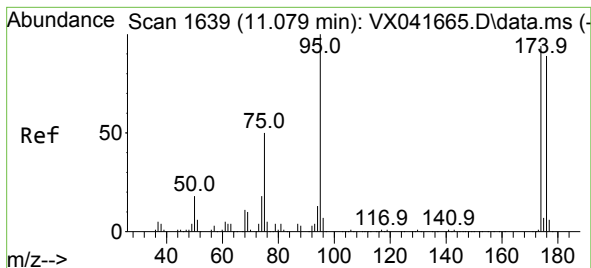
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 175.8 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.961 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Tgt Ion: 129 Resp: 1503
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

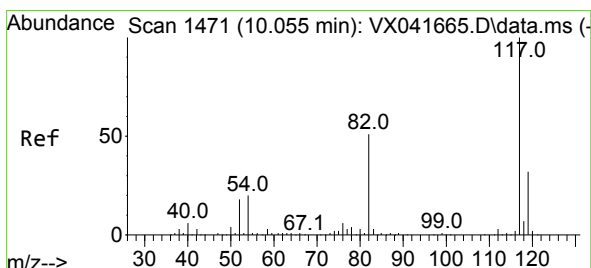
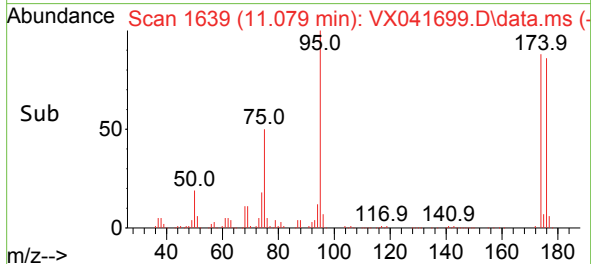
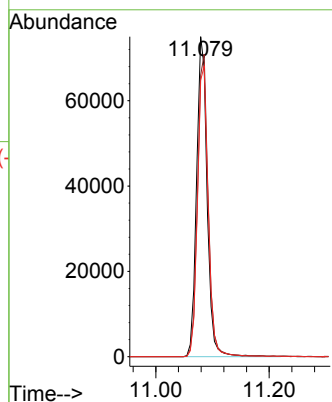
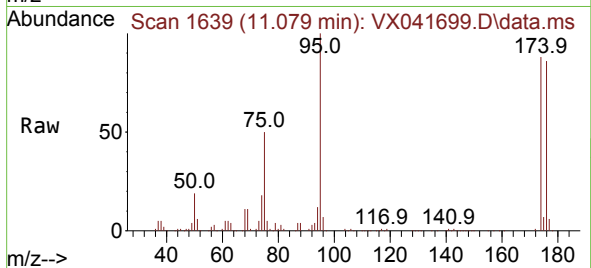




#62
4-Bromofluorobenzene
Concen: 51.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

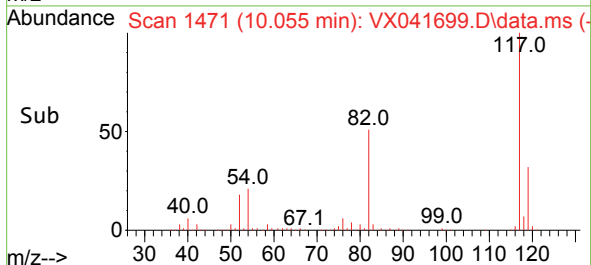
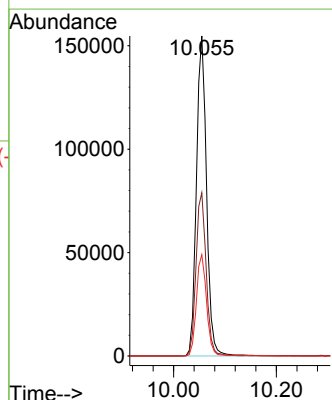
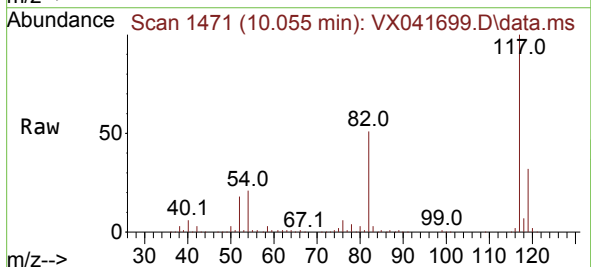
Instrument :
MSVOA_X
ClientSampleId :

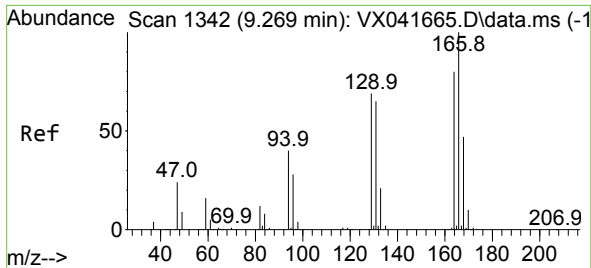
Tgt Ion: 95 Resp: 96669
Ion Ratio Lower Upper
95 100
174 95.6 0.0 135.6
176 92.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

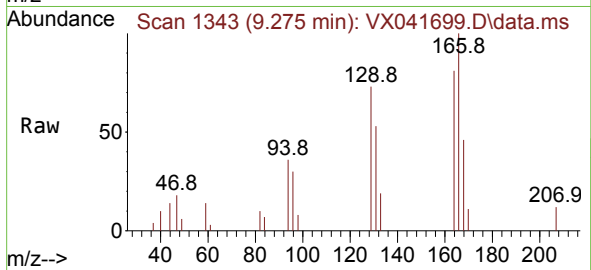
Tgt Ion: 117 Resp: 211959
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 31.7 25.5 38.3



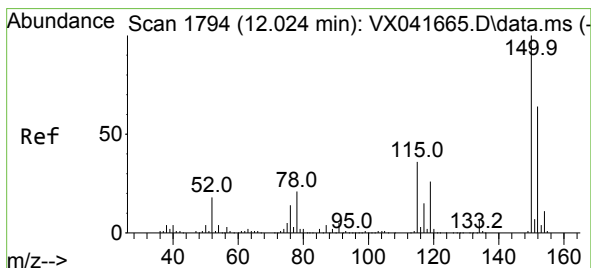
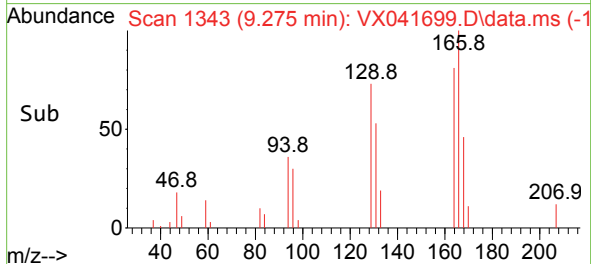
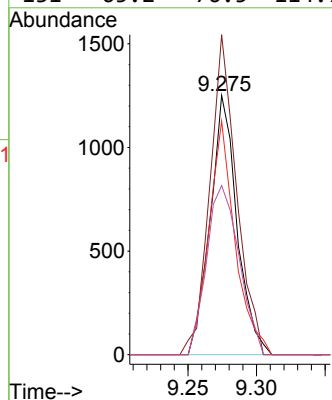


#64
Tetrachloroethene
Concen: 1.073 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :

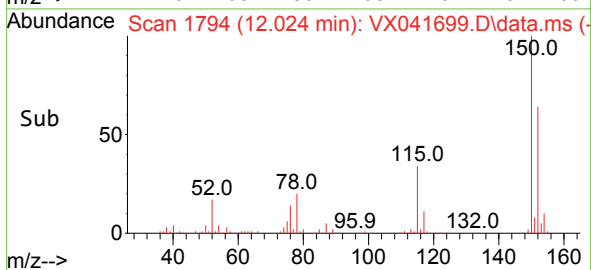
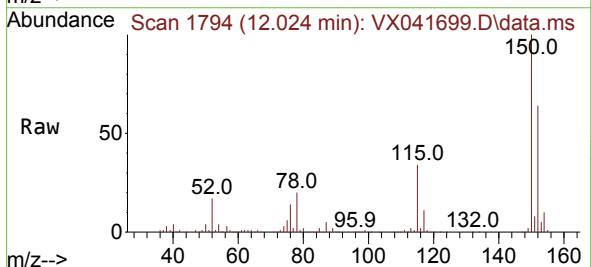
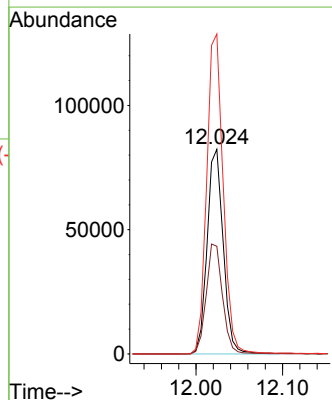


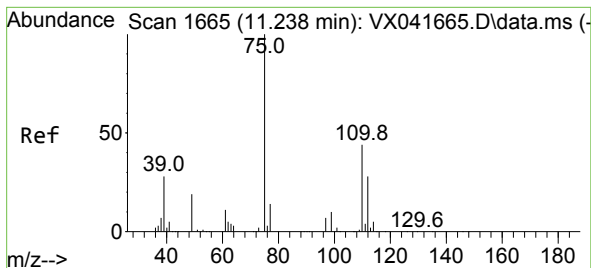
Tgt Ion:164 Resp: 1705
Ion Ratio Lower Upper
164 100
166 123.4 102.7 154.1
129 90.1 80.4 120.6
131 65.2 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041699.D
Acq: 03 Jun 2024 13:10

Tgt Ion:152 Resp: 106494
Ion Ratio Lower Upper
152 100
115 54.7 43.3 129.9
150 159.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.107 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

Instrument :

MSVOA_X

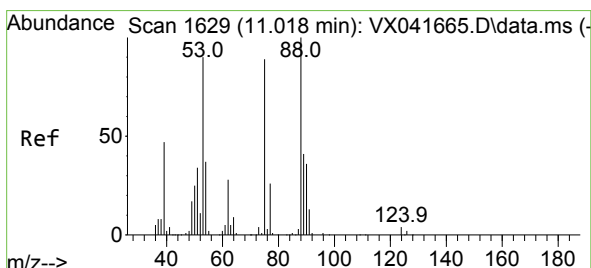
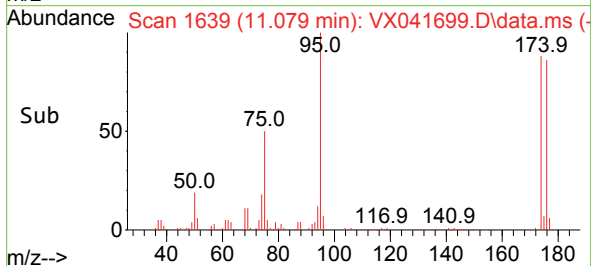
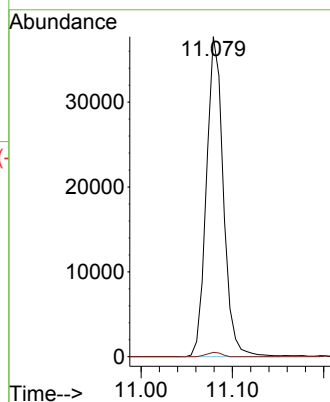
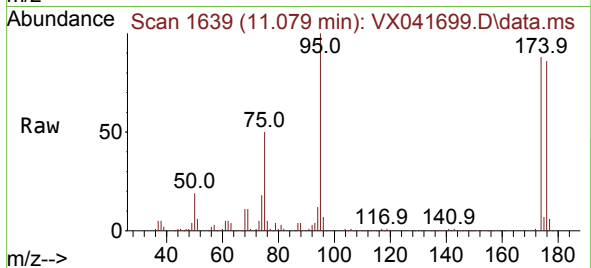
ClientSampleId :

Tgt Ion: 75 Resp: 48510

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.155 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041699.D

Acq: 03 Jun 2024 13:10

Tgt Ion: 75 Resp: 48510

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

