

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041378.D
 Acq On : 06 May 2024 14:53
 Operator : JC/MD
 Sample : P2394-03DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 02:00:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

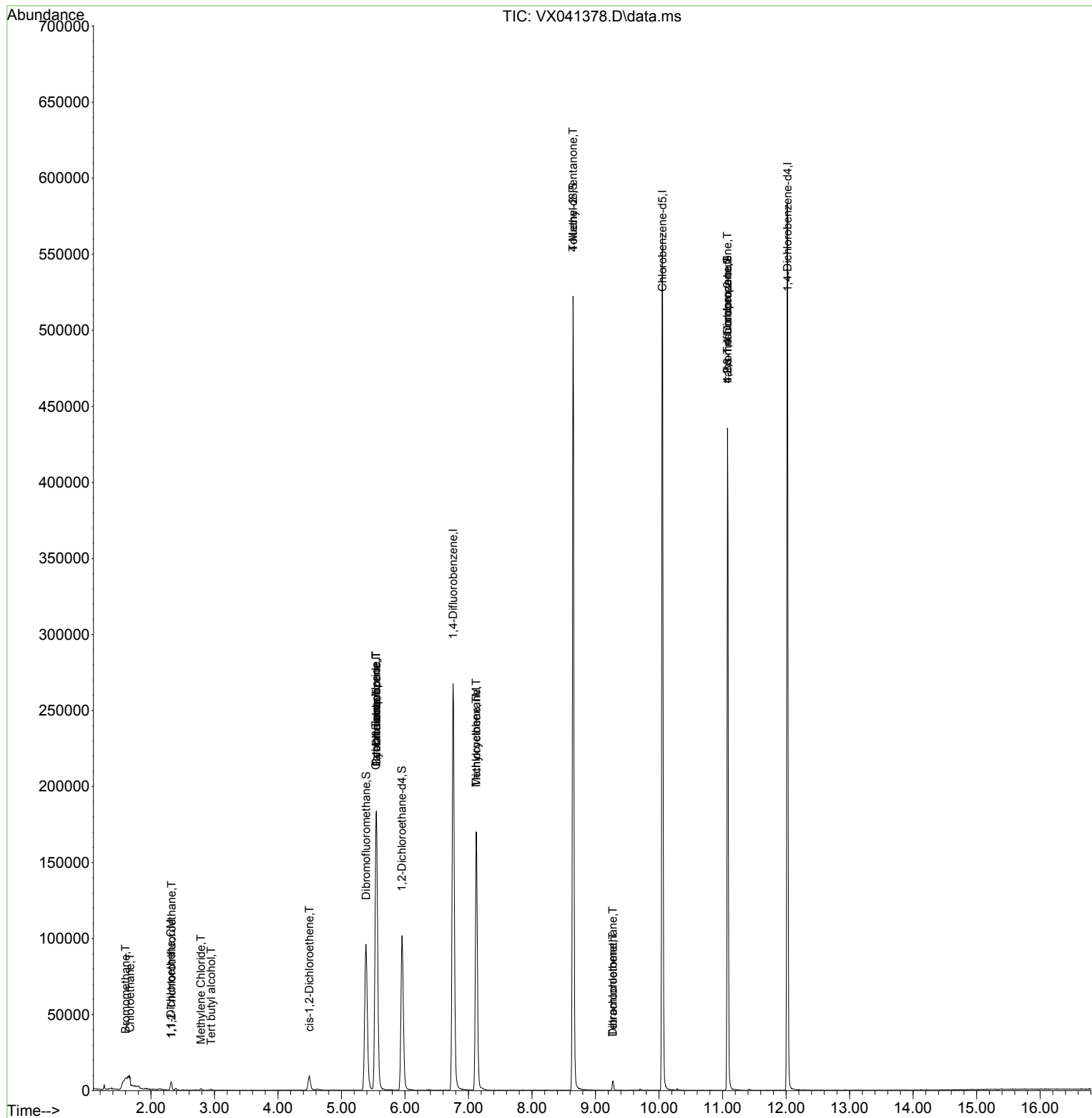
Internal Standards						
1) Pentafluorobenzene	5.550	168	200640	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	285739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100852	46.172	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.340%
35) Dibromofluoromethane	5.385	113	82866	42.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.580%
50) Toluene-d8	8.647	98	306856	50.068	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	101910	42.955	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.900%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	386	0.379	ug/l	86
6) Chloroethane	1.672	64	191	0.253	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.325	101	1456	0.924	ug/l	# 84
11) Tert butyl alcohol	2.946	59	571	1.306	ug/l	# 78
12) 1,1-Dichloroethene	2.312	96	699	0.450	ug/l	99
16) Acetone	2.392	43	1505	Below Cal		95
20) Methylene Chloride	2.788	84	590	0.311	ug/l	# 78
27) cis-1,2-Dichloroethene	4.495	96	6270	3.048	ug/l	81
31) Cyclohexane	5.550	56	3242	1.230	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12087	5.220	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	17628	6.646	ug/l	# 16
39) Methylcyclohexane	7.123	83	752	0.276	ug/l	# 1
44) Trichloroethene	7.123	130	71719	38.051	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1300	0.499	ug/l	# 1
60) Dibromochloromethane	9.275	129	1249	0.631	ug/l	# 11
64) Tetrachloroethene	9.275	164	1408	0.711	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	53398	24.503	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	53398	66.744	ug/l	# 5

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

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Quant Time: May 07 02:00:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



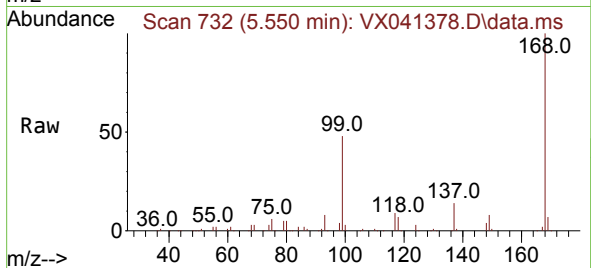


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

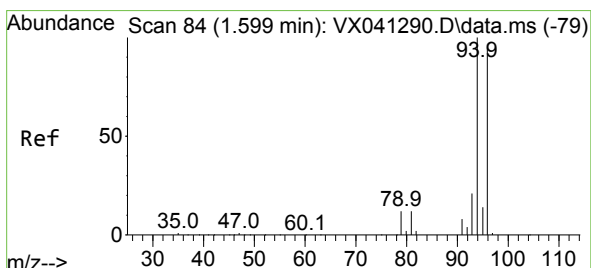
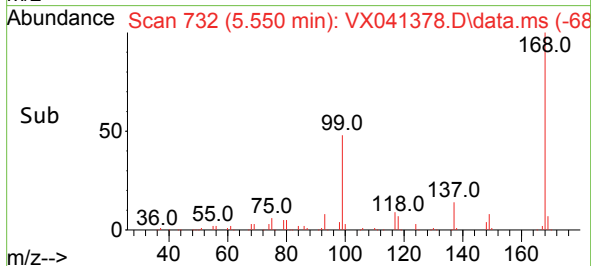
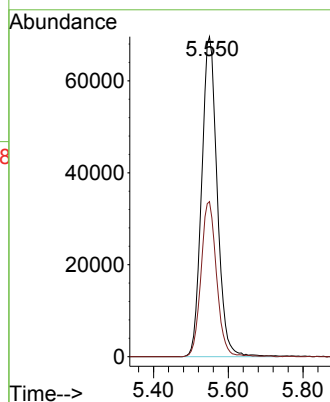
Instrument :

MSVOA_X

ClientSampleId :

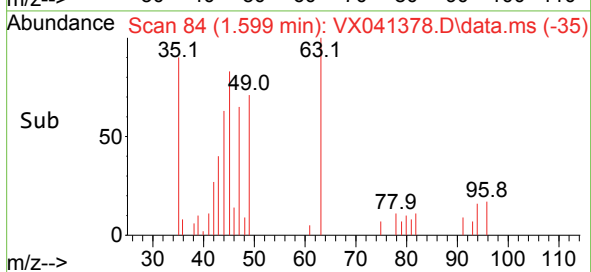
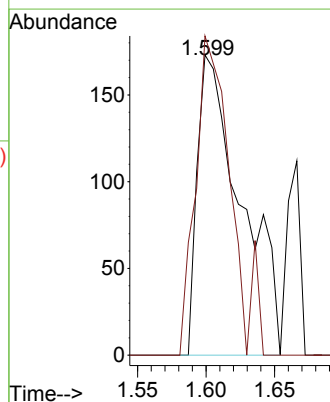
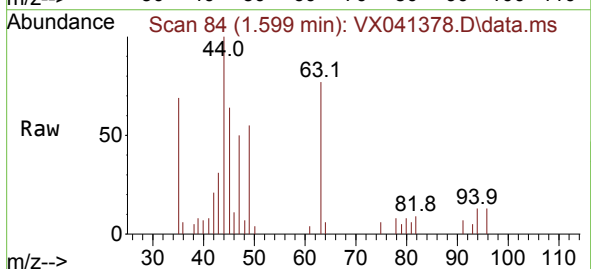


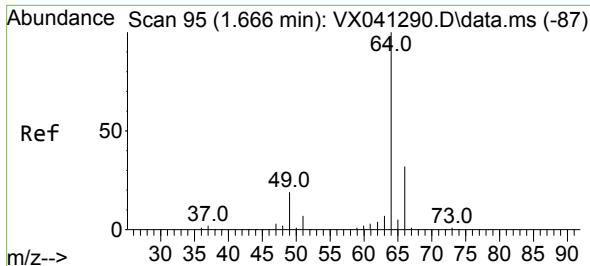
Tgt Ion:168 Resp: 200640
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0#



#5
Bromomethane
Concen: 0.379 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

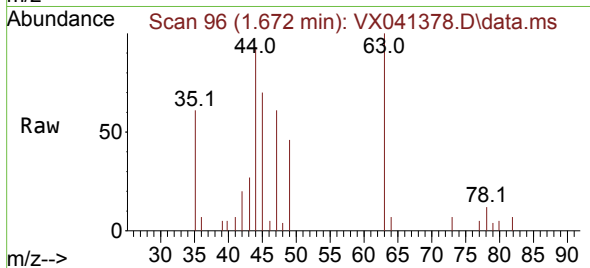
Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 106.4 74.6 111.8



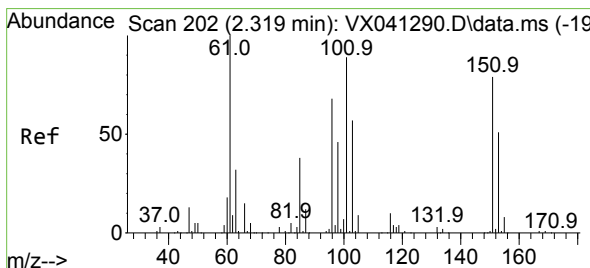
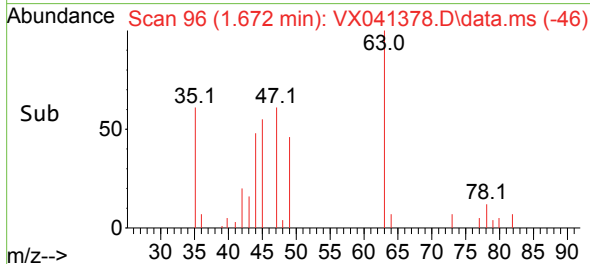
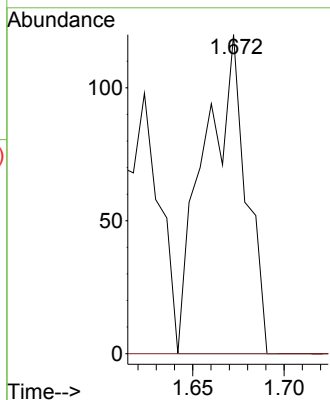


#6
Chloroethane
Concen: 0.253 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Instrument :
MSVOA_X
ClientSampleId :

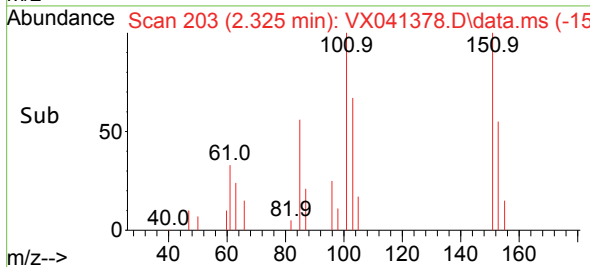
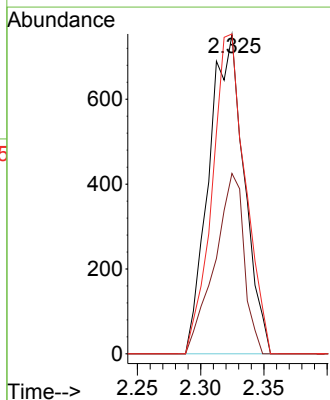
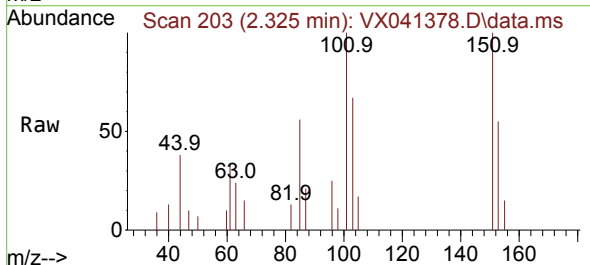


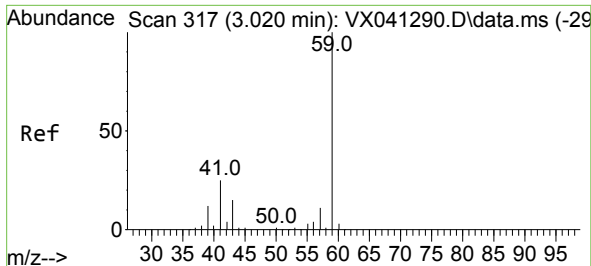
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.924 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Tgt Ion: 101 Resp: 1456
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 94.4 58.6 87.8#





#11

Tert butyl alcohol

Concen: 1.306 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.073 min

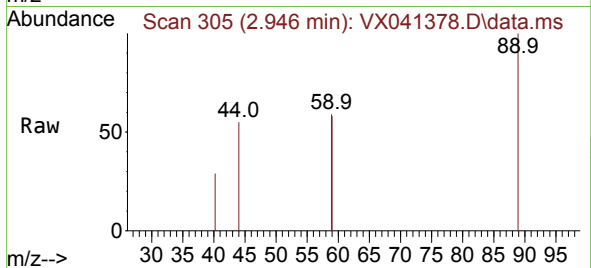
Lab File: VX041378.D

Acq: 06 May 2024 14:53

Instrument :

MSVOA_X

ClientSampleId :

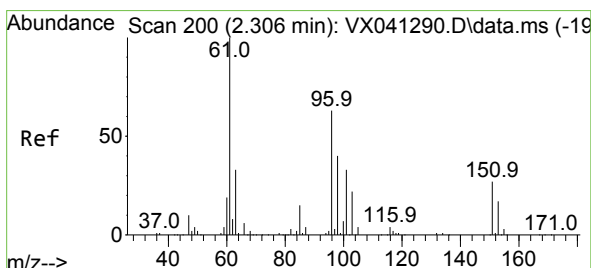
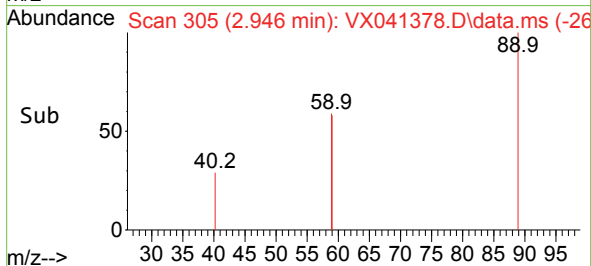
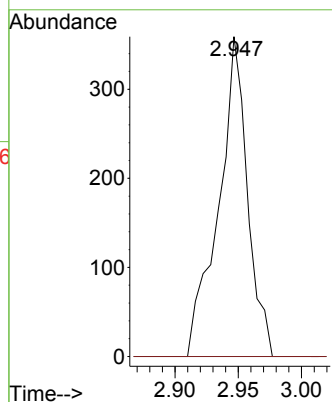


Tgt Ion: 59 Resp: 571

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.450 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041378.D

Acq: 06 May 2024 14:53

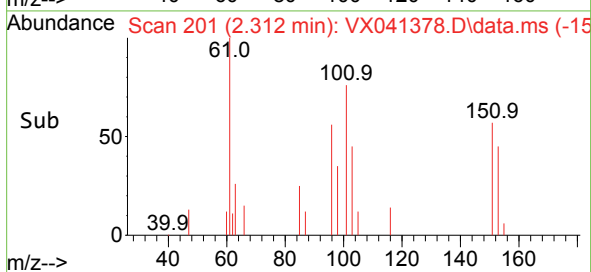
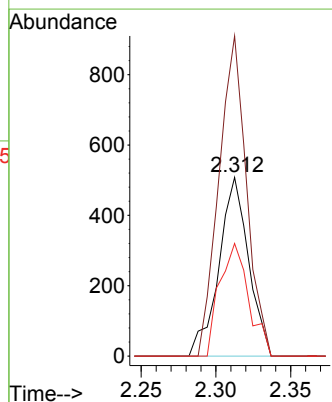
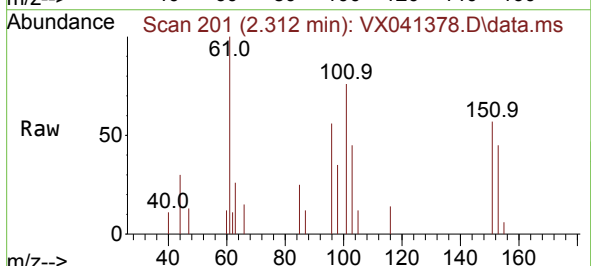
Tgt Ion: 96 Resp: 699

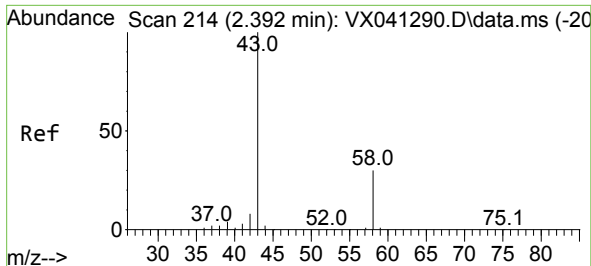
Ion Ratio Lower Upper

96 100

61 179.1 144.6 216.8

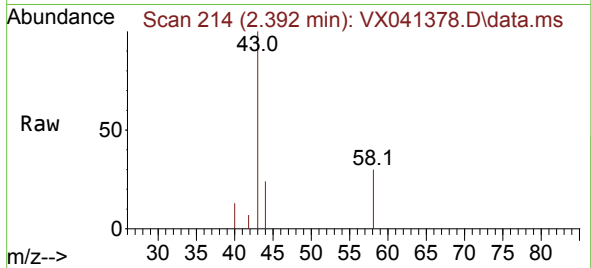
98 63.0 50.4 75.6



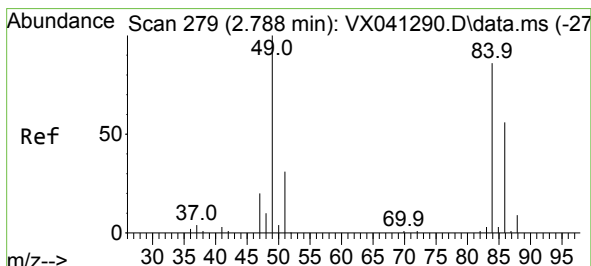
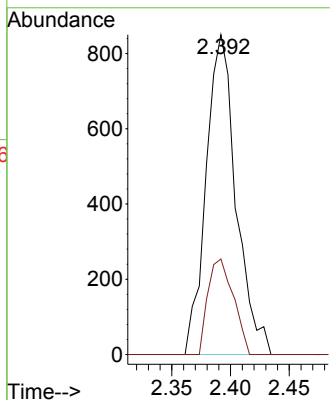
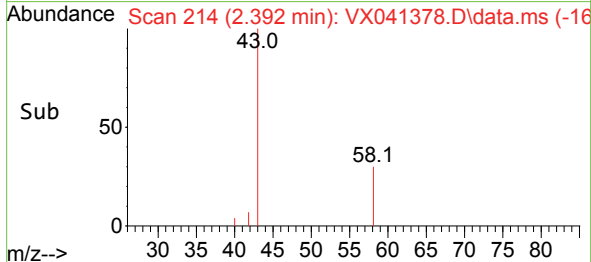


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

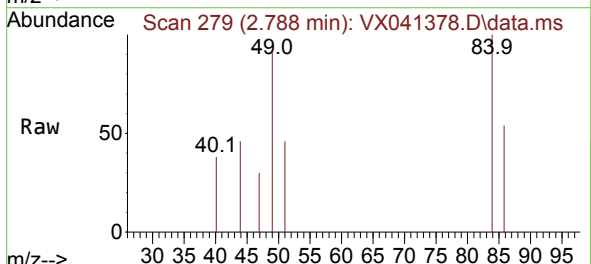
Instrument :
MSVOA_X
ClientSampleId :



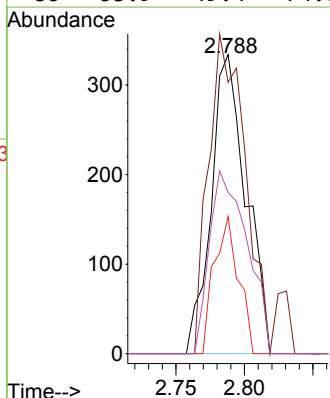
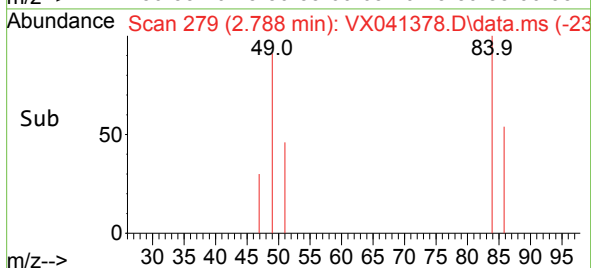
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9

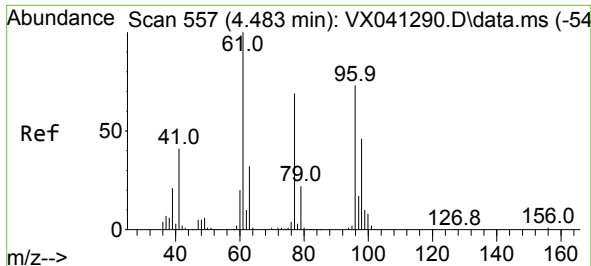


#20
Methylene Chloride
Concen: 0.311 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53



Tgt Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
49 90.7 103.6 155.4#
51 45.8 33.8 50.6
86 53.9 49.4 74.0

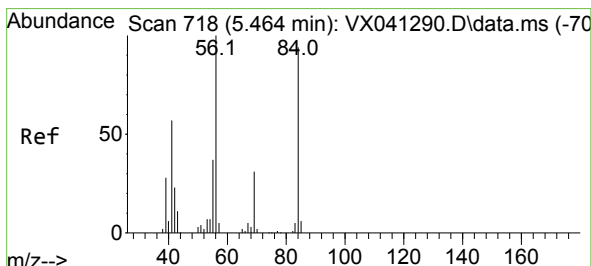
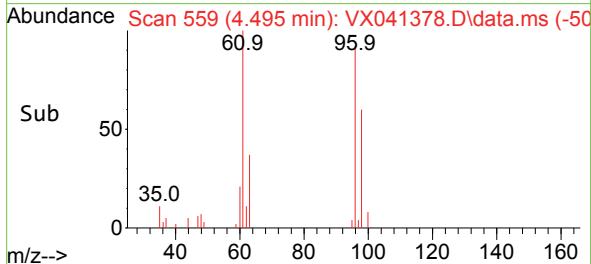
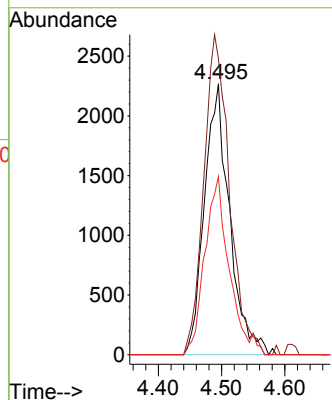
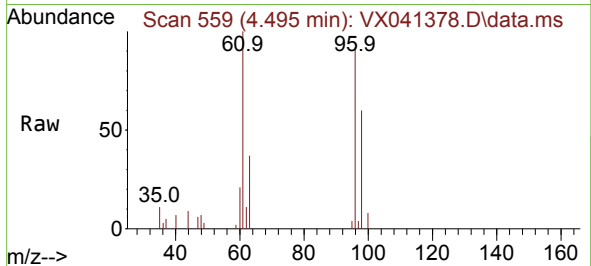




#27
cis-1,2-Dichloroethene
Concen: 3.048 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

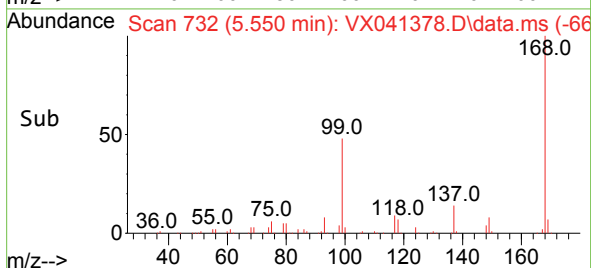
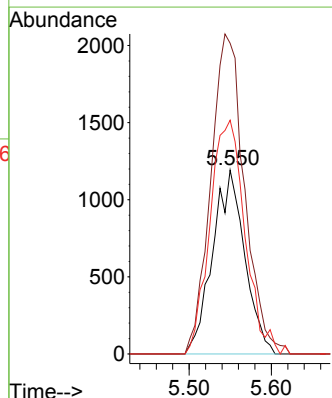
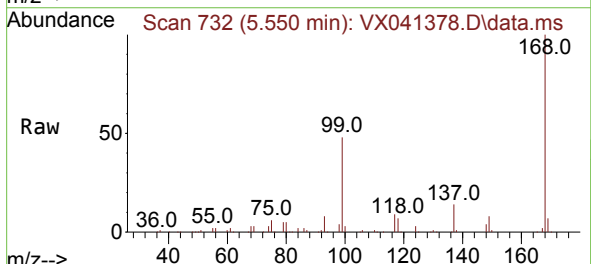
Instrument :
MSVOA_X
ClientSampleId :

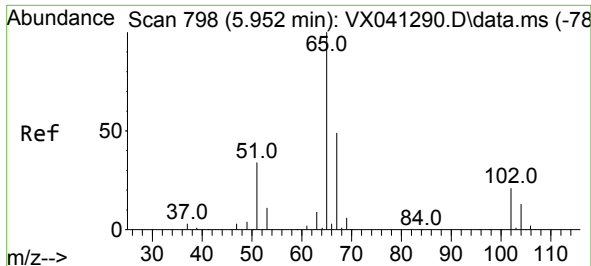
Tgt Ion: 96 Resp: 6270
Ion Ratio Lower Upper
96 100
61 120.8 0.0 312.2
98 63.9 0.0 129.0



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Tgt Ion: 56 Resp: 3242
Ion Ratio Lower Upper
56 100
69 169.0 23.4 35.2#
84 127.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.172 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041378.D

Acq: 06 May 2024 14:53

Instrument :

MSVOA_X

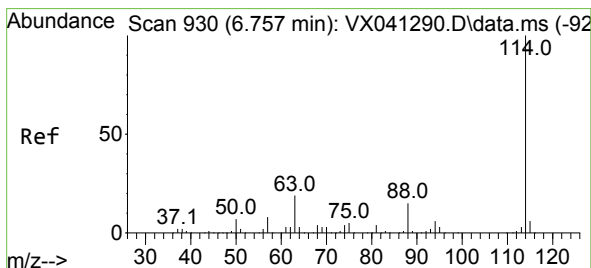
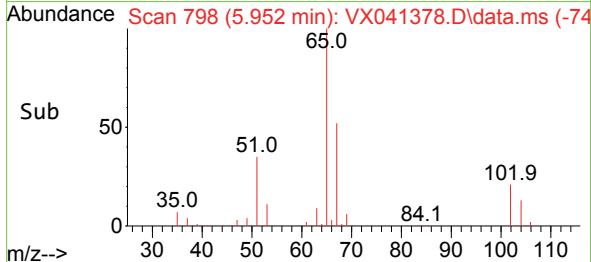
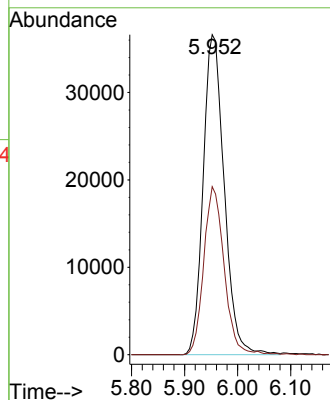
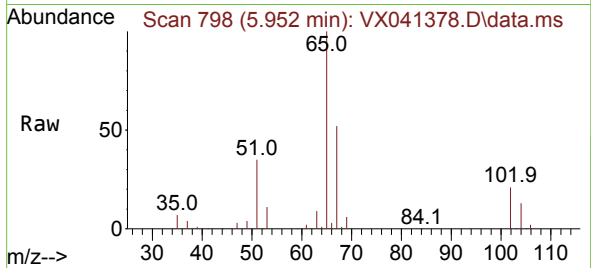
ClientSampleId :

Tgt Ion: 65 Resp: 100852

Ion Ratio Lower Upper

65 100

67 51.0 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: VX041378.D

Acq: 06 May 2024 14:53

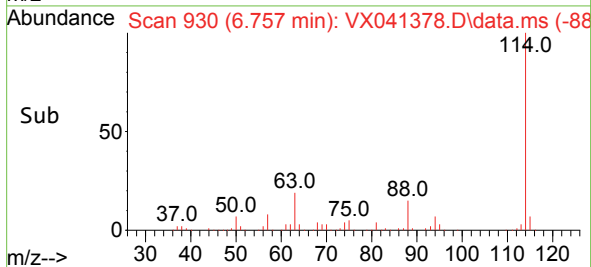
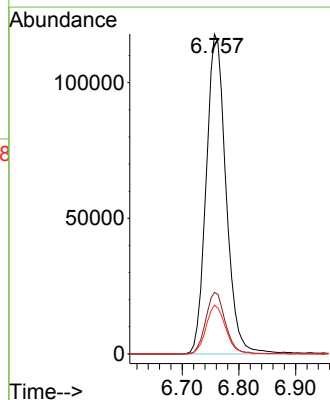
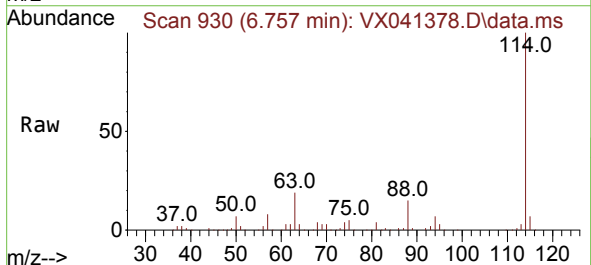
Tgt Ion: 114 Resp: 285739

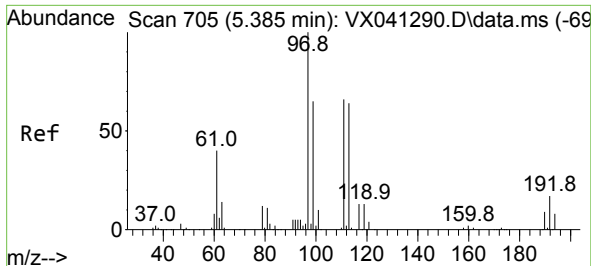
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

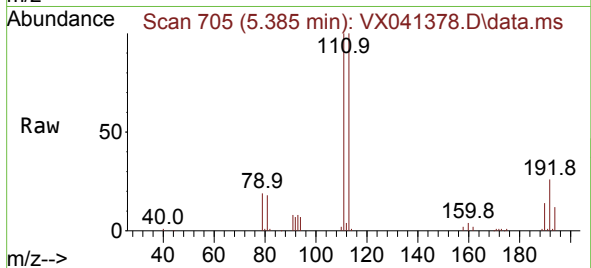
88 15.3 0.0 36.6



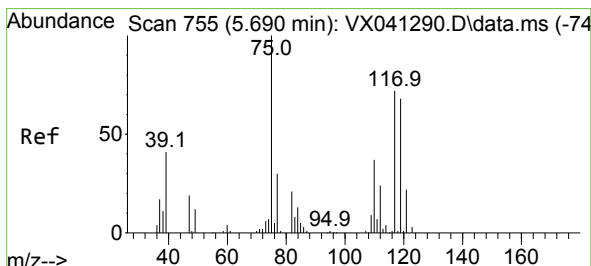
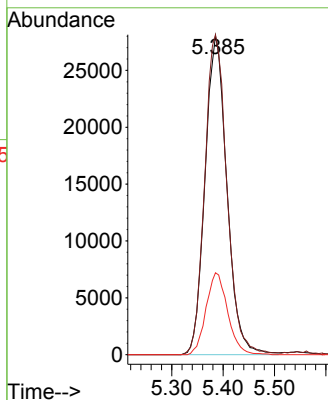
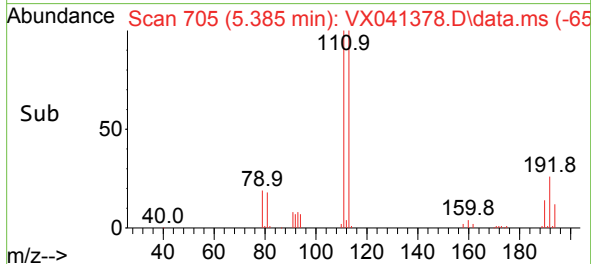


#35
Dibromofluoromethane
Concen: 42.795 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

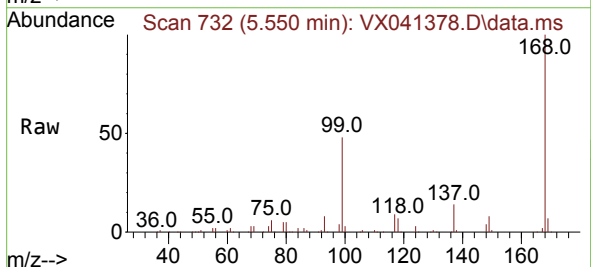
Instrument :
MSVOA_X
ClientSampleId :



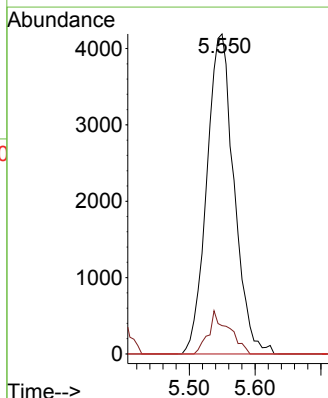
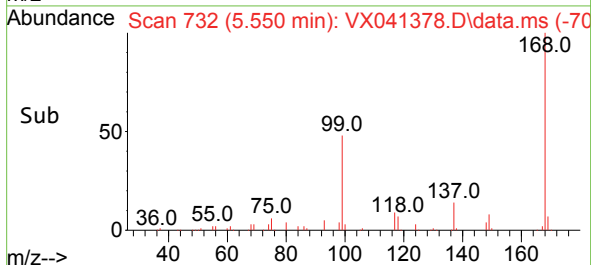
Tgt Ion:113 Resp: 82866
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 25.4 13.3 19.9#

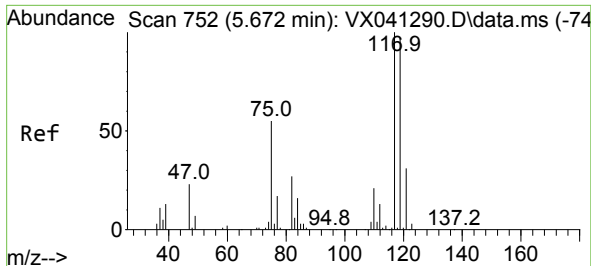


#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53



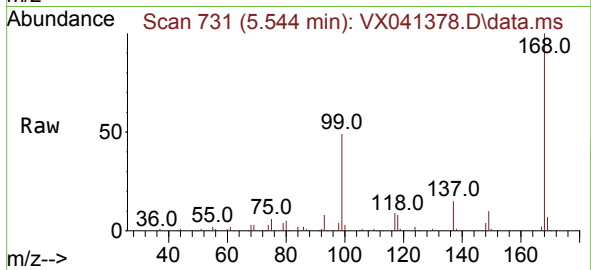
Tgt Ion: 75 Resp: 12087
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



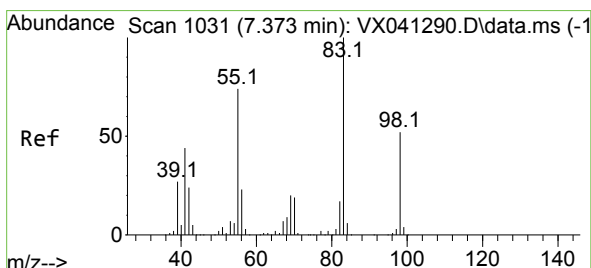
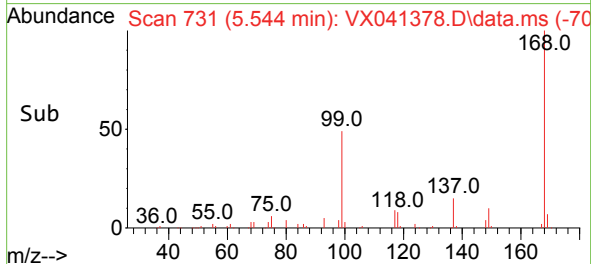
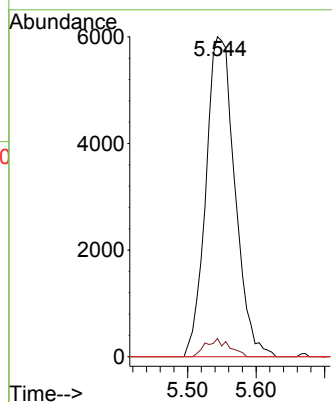


#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Instrument :
MSVOA_X
ClientSampleId :

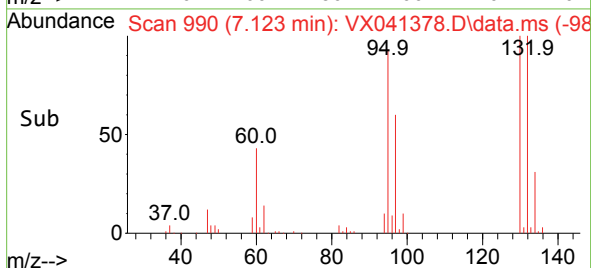
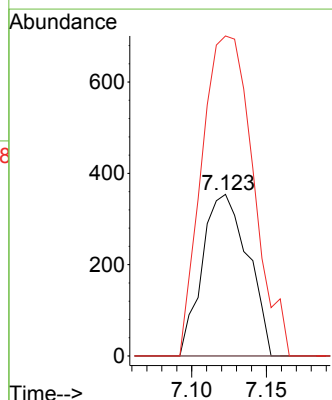
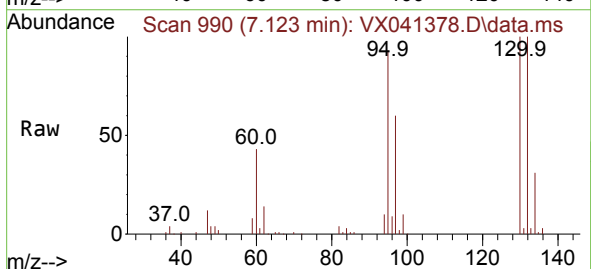


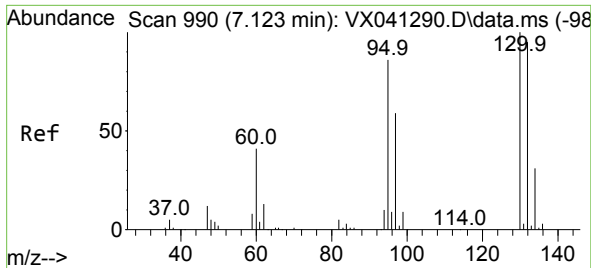
Tgt Ion:117 Resp: 17628
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.276 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Tgt Ion: 83 Resp: 752
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 198.0 36.7 55.1#

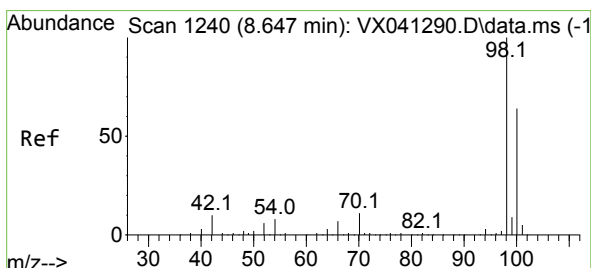
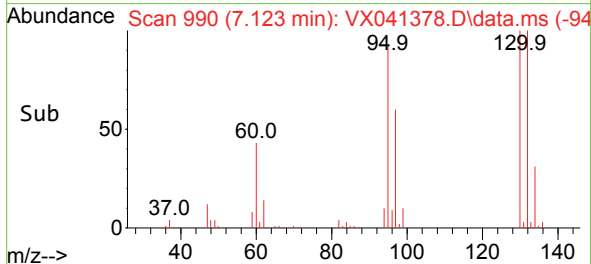
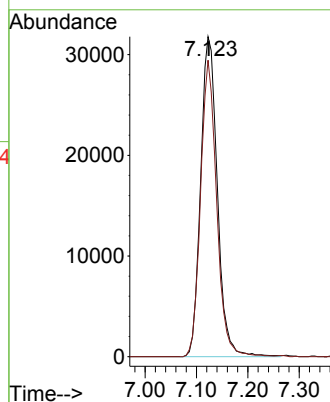
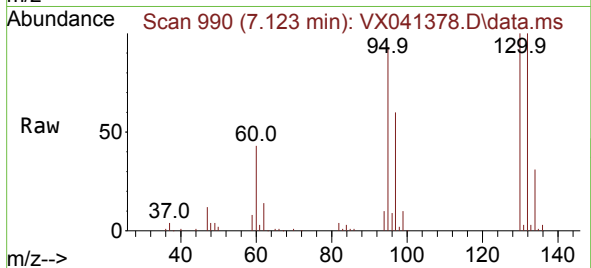




#44
Trichloroethene
Concen: 38.051 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

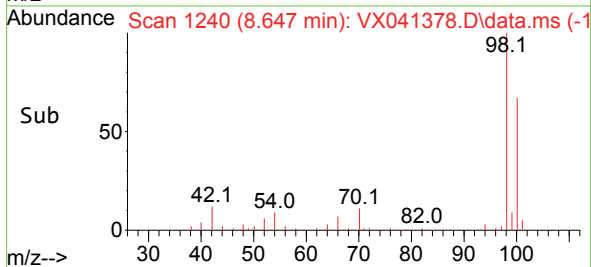
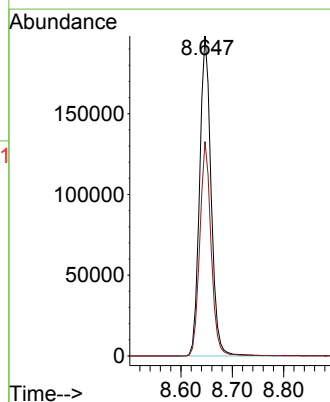
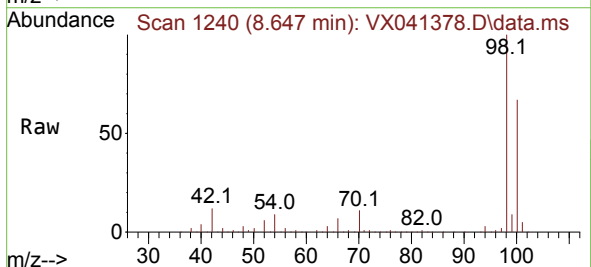
Instrument :
MSVOA_X
ClientSampleId :

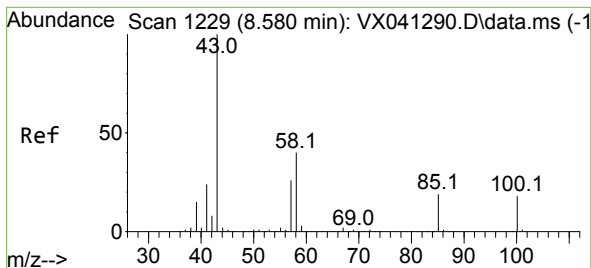
Tgt Ion:130 Resp: 71719
Ion Ratio Lower Upper
130 100
95 92.7 0.0 204.4



#50
Toluene-d8
Concen: 50.068 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Tgt Ion: 98 Resp: 306856
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

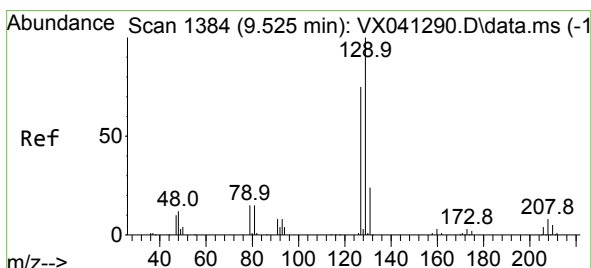
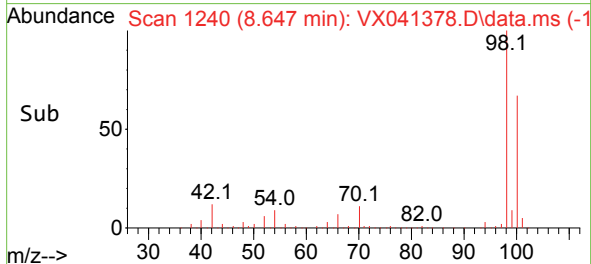
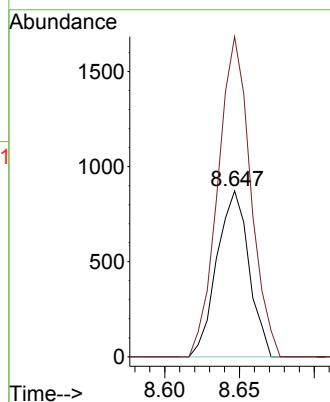
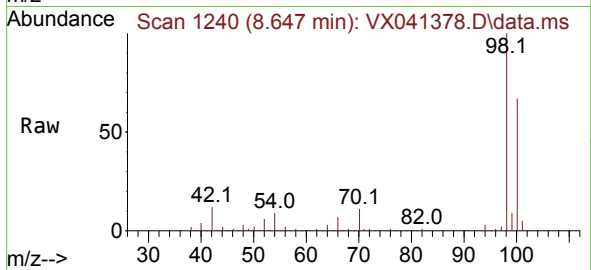




#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

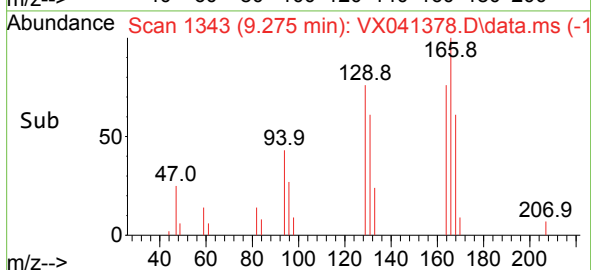
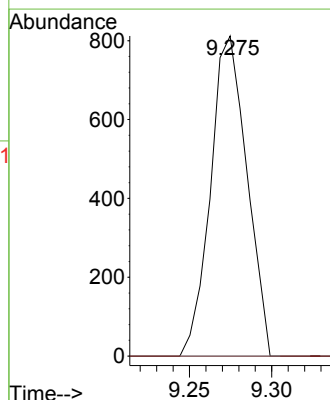
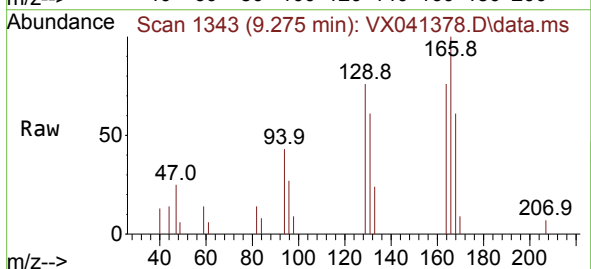
Instrument :
MSVOA_X
ClientSampleId :

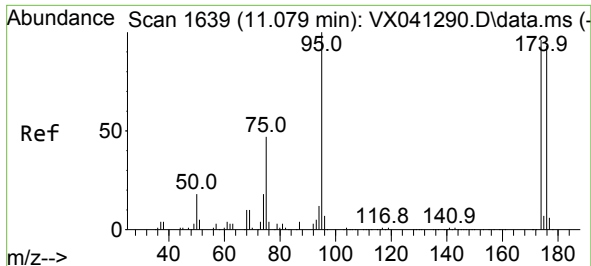
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 196.7 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.631 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

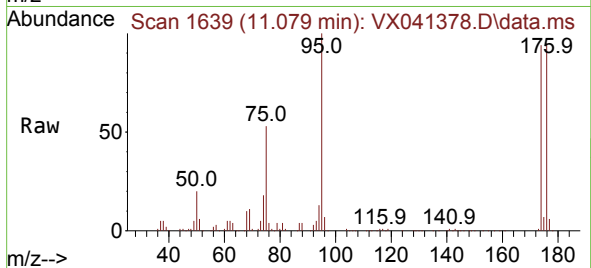
Tgt Ion: 129 Resp: 1249
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



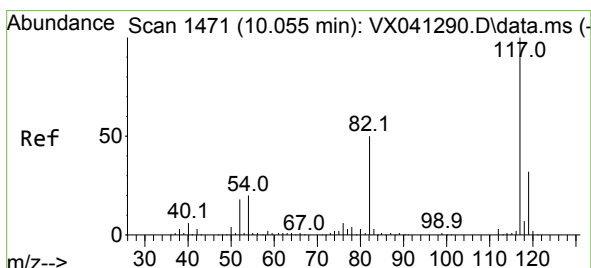
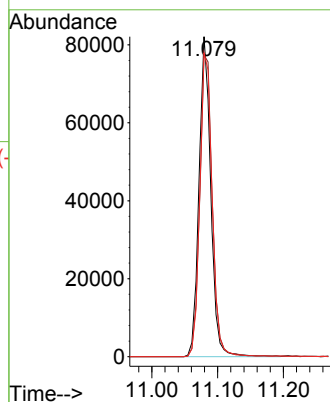
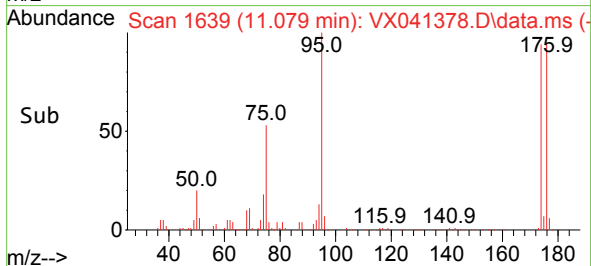


#62
4-Bromofluorobenzene
Concen: 42.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

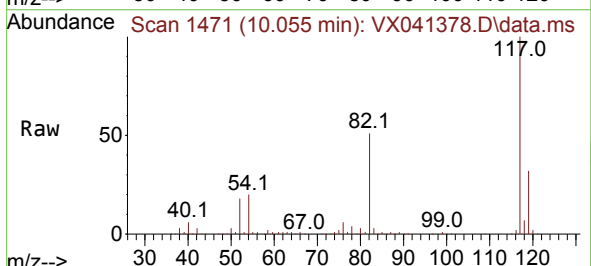
Instrument :
MSVOA_X
ClientSampleId :



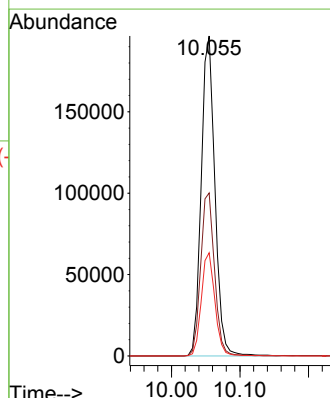
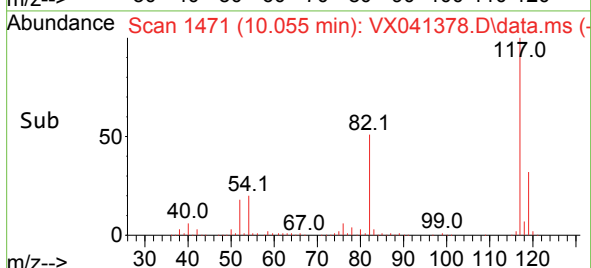
Tgt Ion: 95 Resp: 101910
Ion Ratio Lower Upper
95 100
174 101.0 0.0 135.6
176 99.6 0.0 131.0

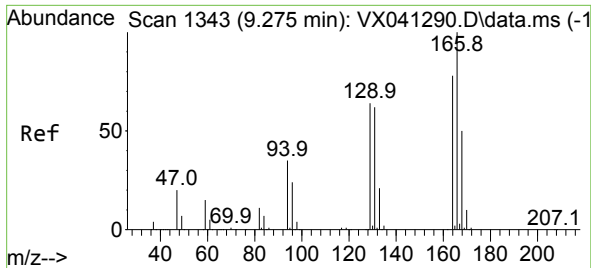


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53



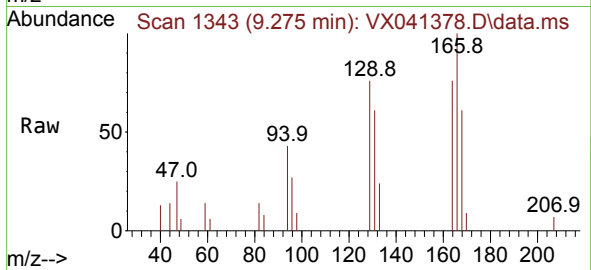
Tgt Ion: 117 Resp: 273328
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.2 25.5 38.3



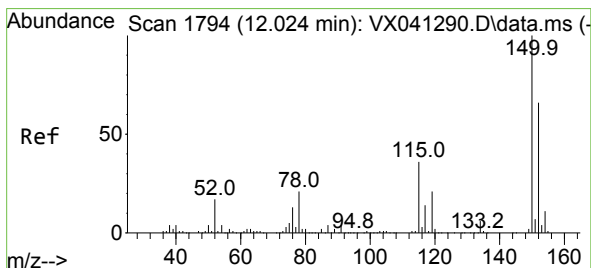
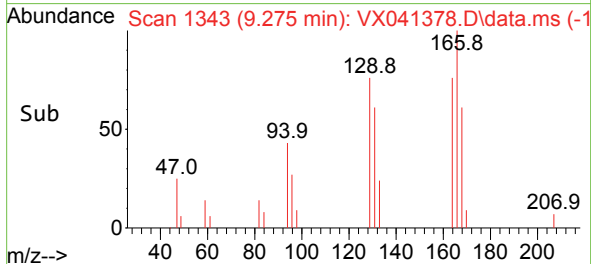
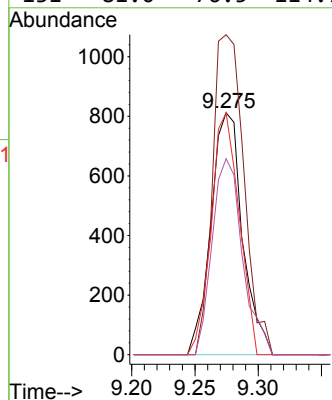


#64
Tetrachloroethene
Concen: 0.711 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Instrument :
MSVOA_X
ClientSampleId :

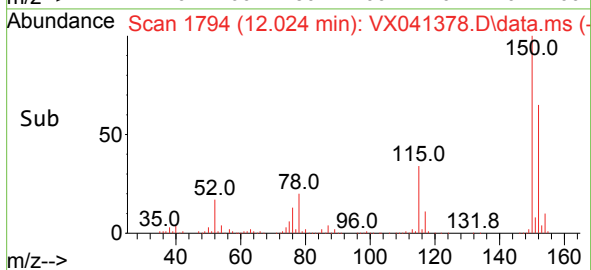
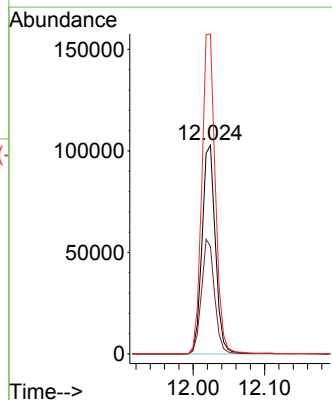
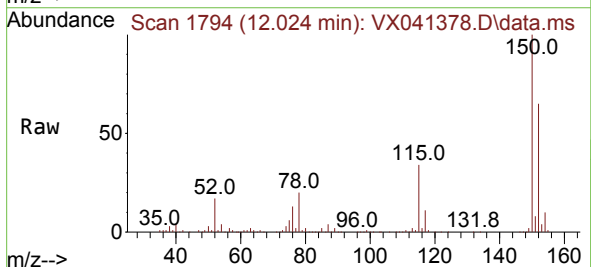


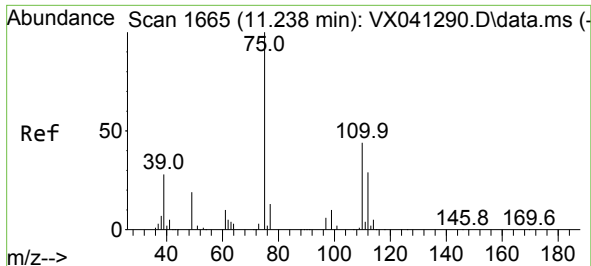
Tgt Ion:164 Resp: 1408
Ion Ratio Lower Upper
164 100
166 132.3 102.7 154.1
129 100.0 80.4 120.6
131 81.0 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Tgt Ion:152 Resp: 133720
Ion Ratio Lower Upper
152 100
115 53.5 43.3 129.9
150 154.5 0.0 345.0

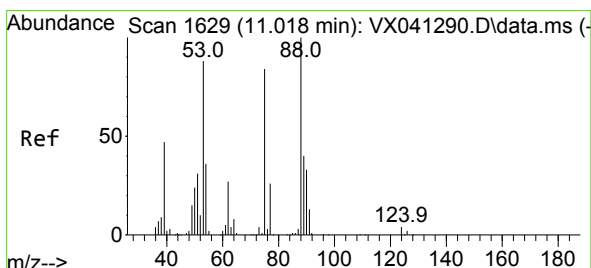
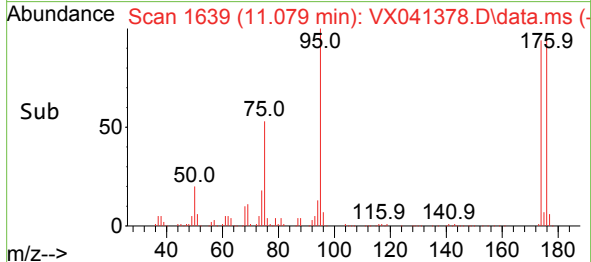
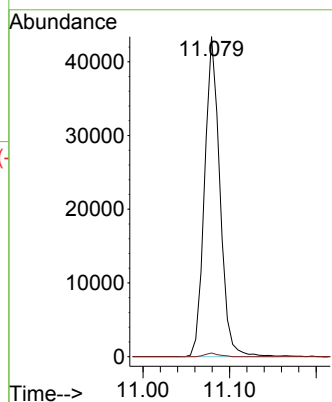
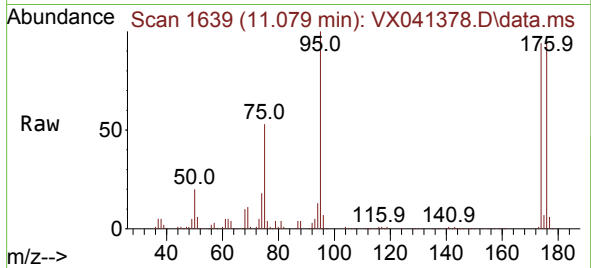




#76
1,2,3-Trichloropropane
Concen: 24.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53398
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041378.D
Acq: 06 May 2024 14:53

Tgt Ion: 75 Resp: 53398
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

