

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041486.D
 Acq On : 13 May 2024 13:09
 Operator : JC/MD
 Sample : P2455-02DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:31:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

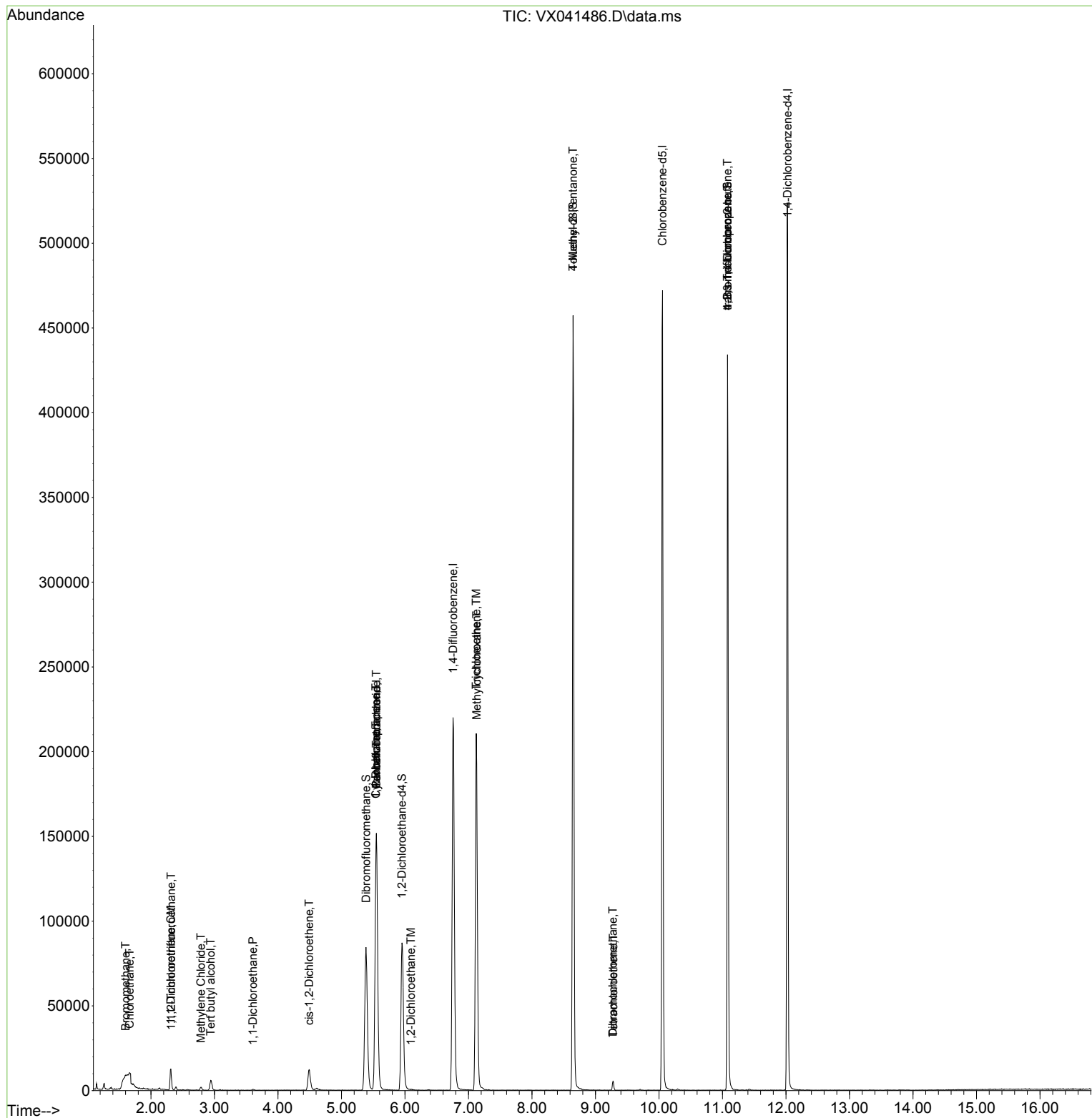
Internal Standards						
1) Pentafluorobenzene	5.550	168	158748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	236282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89229	51.631	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.260%	
35) Dibromofluoromethane	5.385	113	72475	45.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.520%	
50) Toluene-d8	8.647	98	273500	53.966	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	11.079	95	103709	52.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	457	0.567	ug/l	85
6) Chloroethane	1.666	64	128	0.214	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	605	0.485	ug/l #	83
11) Tert butyl alcohol	2.941	59	3824	11.055	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	3802	3.091	ug/l	85
16) Acetone	2.392	43	2183	Below Cal		96
20) Methylene Chloride	2.788	84	1041	0.694	ug/l #	87
24) 1,1-Dichloroethane	3.605	63	815	0.329	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	8358	5.135	ug/l	81
31) Cyclohexane	5.544	56	2781	1.333	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	10013	5.230	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14165	6.458	ug/l #	14
39) Methylcyclohexane	7.129	83	945	0.420	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	492	0.227	ug/l #	77
44) Trichloroethene	7.123	130	86205	55.310	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1338	0.621	ug/l #	1
60) Dibromochloromethane	9.275	129	985	0.602	ug/l #	11
64) Tetrachloroethene	9.281	164	1223	0.743	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	53754	27.886	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53754	75.957	ug/l #	5

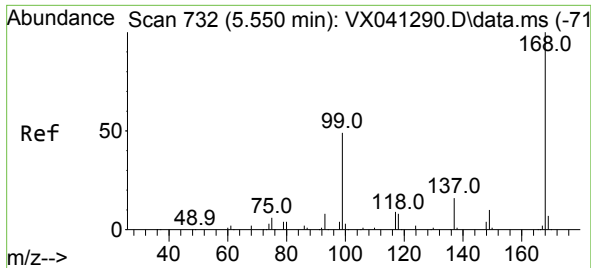
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
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Sample : P2455-02DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

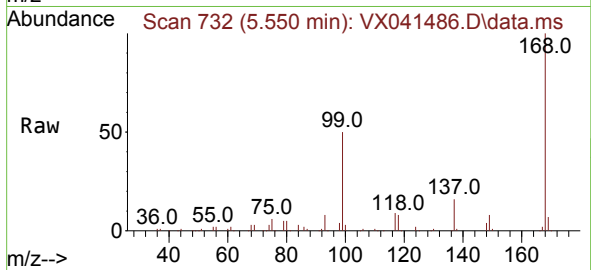
Quant Time: May 14 01:31:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



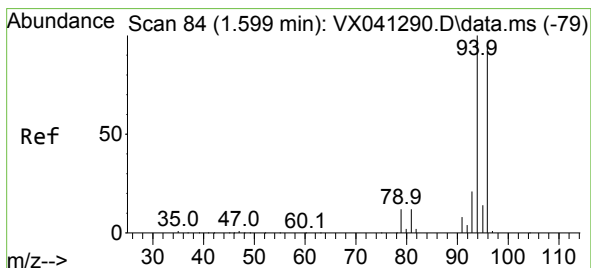
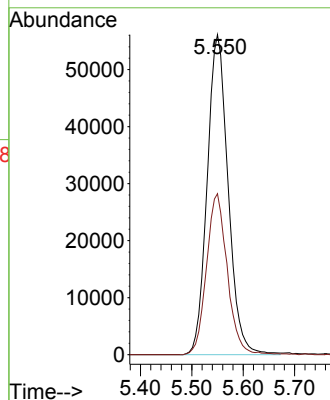
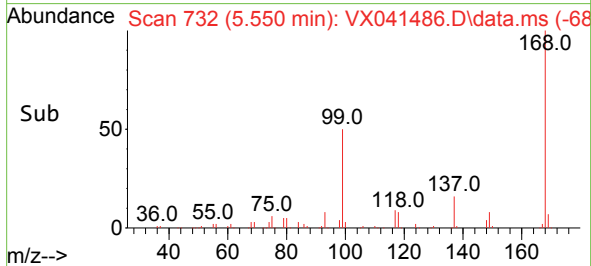


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Instrument :
MSVOA_X
ClientSampleId :

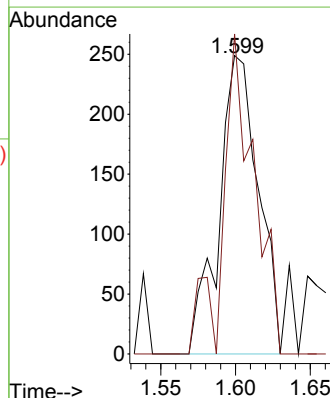
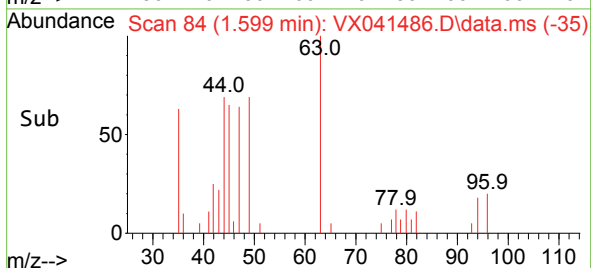
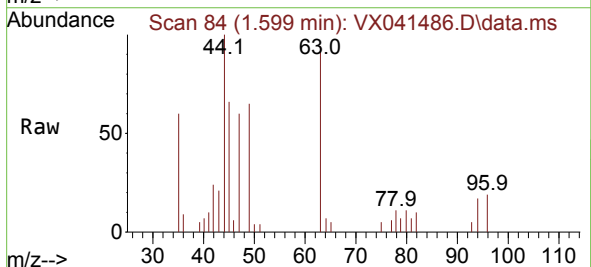


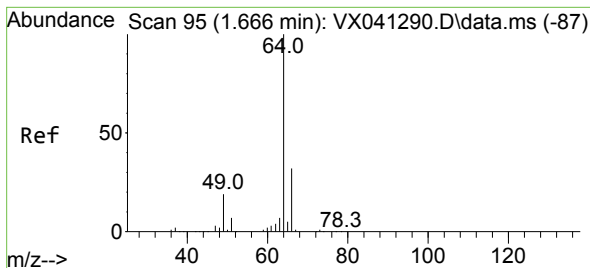
Tgt Ion:168 Resp: 158748
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#



#5
Bromomethane
Concen: 0.567 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 107.2 74.6 111.8





#6

Chloroethane

Concen: 0.214 ug/l

RT: 1.666 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041486.D

Acq: 13 May 2024 13:09

Instrument :

MSVOA_X

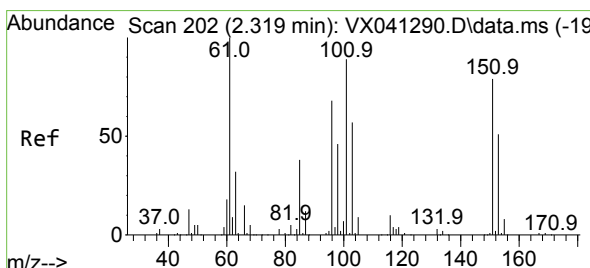
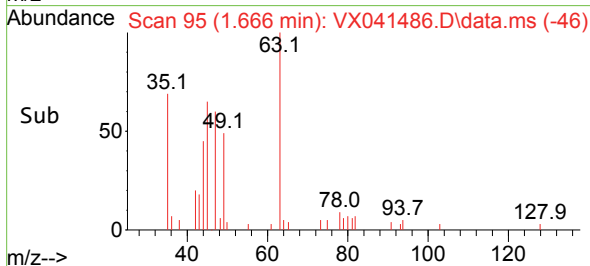
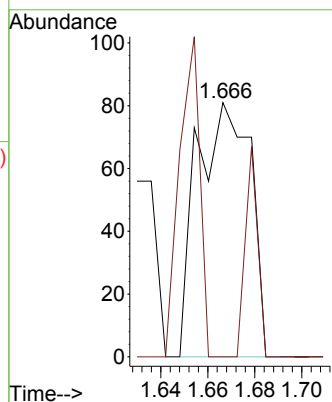
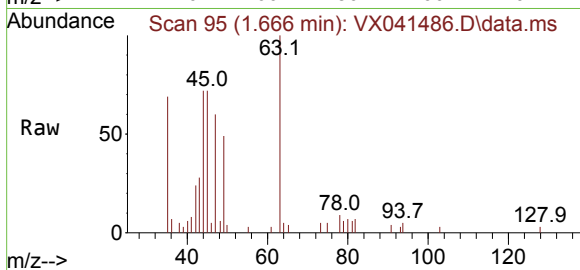
ClientSampleId :

Tgt Ion: 64 Resp: 128

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.485 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX041486.D

Acq: 13 May 2024 13:09

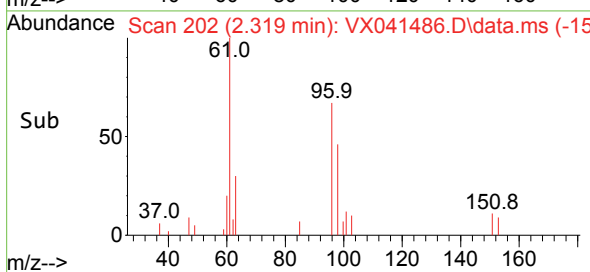
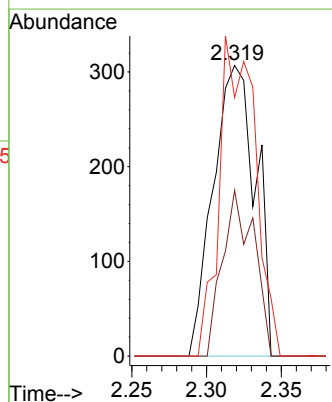
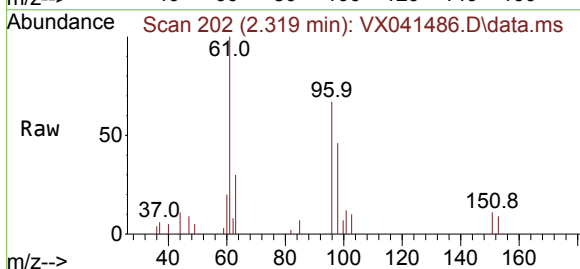
Tgt Ion: 101 Resp: 605

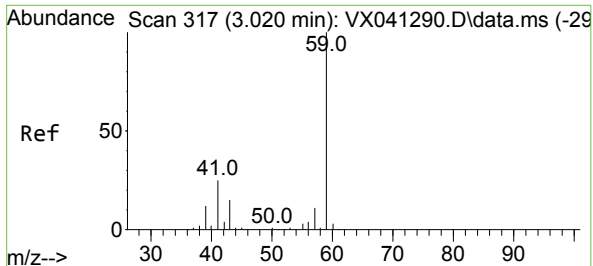
Ion Ratio Lower Upper

101 100

85 42.3 37.0 55.6

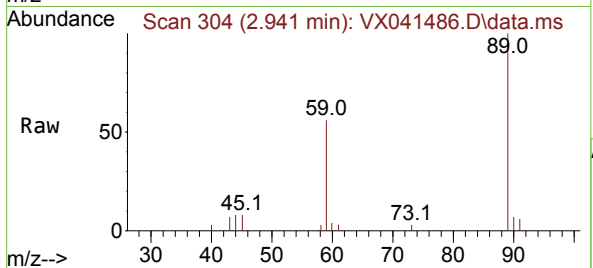
151 92.7 58.6 87.8#



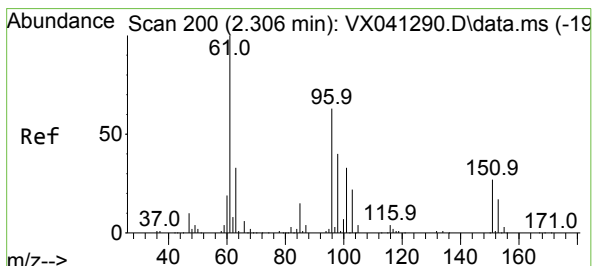
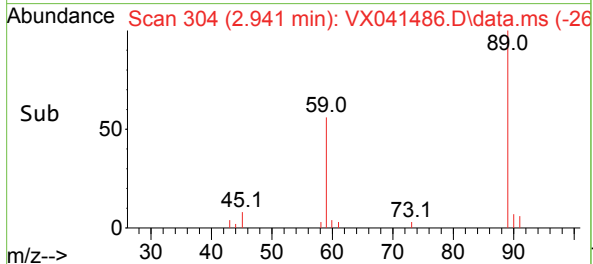
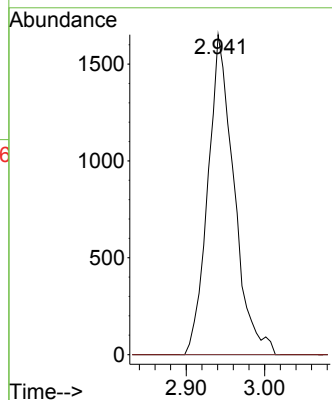


#11
Tert butyl alcohol
Concen: 11.055 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Instrument :
MSVOA_X
ClientSampleId :

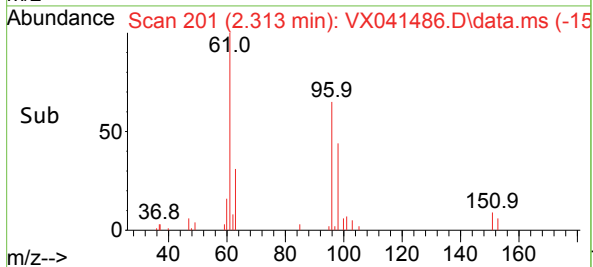
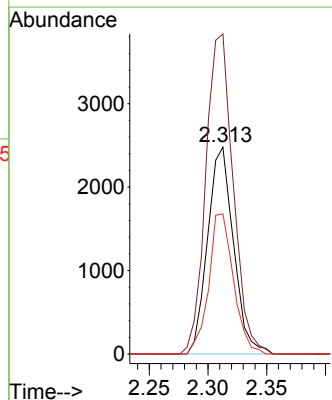
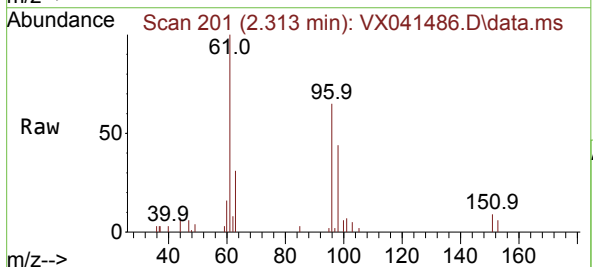


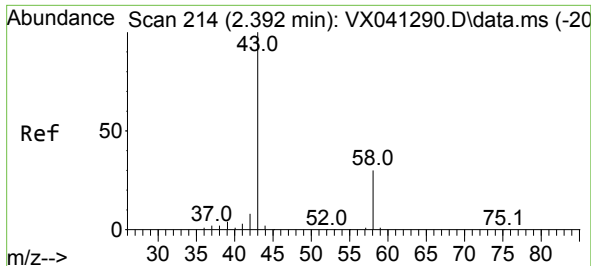
Tgt Ion: 59 Resp: 3824
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 3.091 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

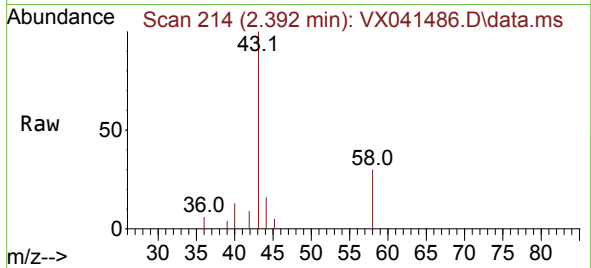
Tgt Ion: 96 Resp: 3802
Ion Ratio Lower Upper
96 100
61 154.8 144.6 216.8
98 67.8 50.4 75.6



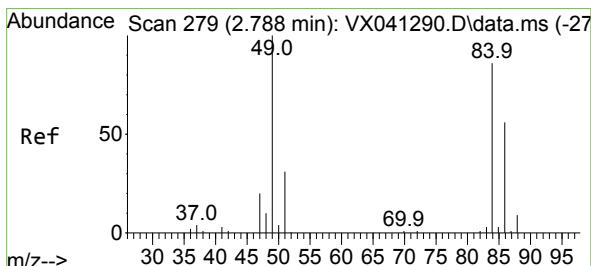
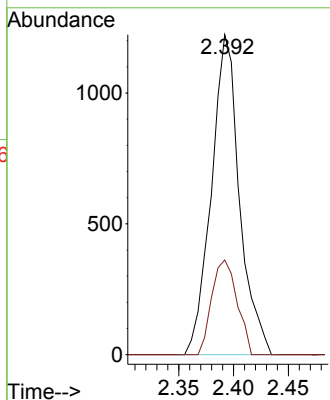
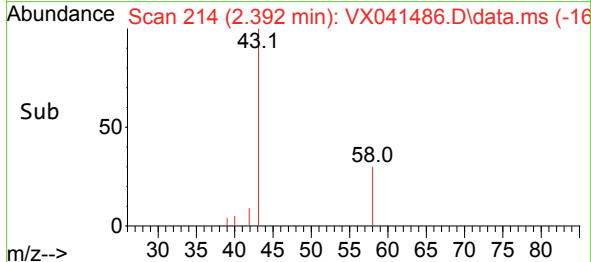


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

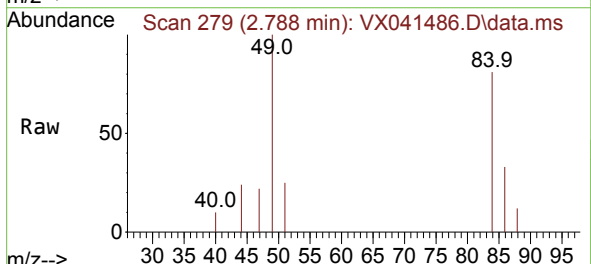
Instrument :
MSVOA_X
ClientSampleId :



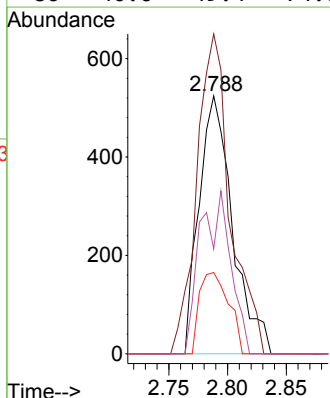
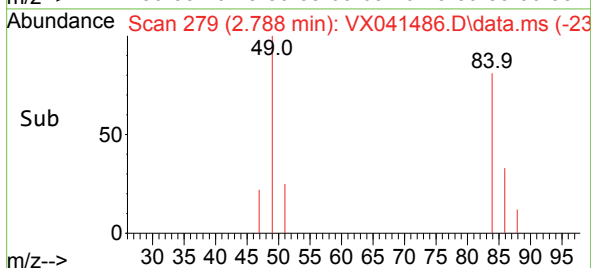
Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9

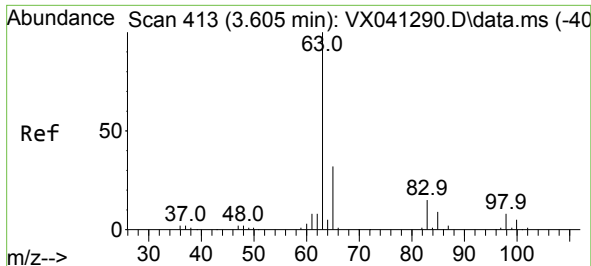


#20
Methylene Chloride
Concen: 0.694 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09



Tgt Ion: 84 Resp: 1041
Ion Ratio Lower Upper
84 100
49 124.0 103.6 155.4
51 31.5 33.8 50.6#
86 40.6 49.4 74.0#





#24

1,1-Dichloroethane

Concen: 0.329 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041486.D

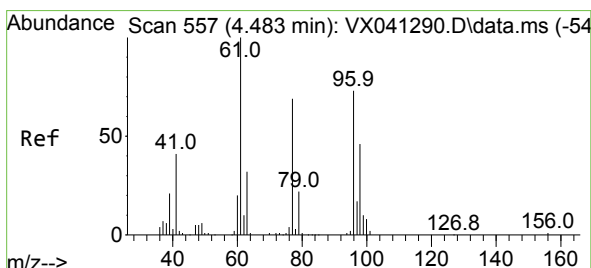
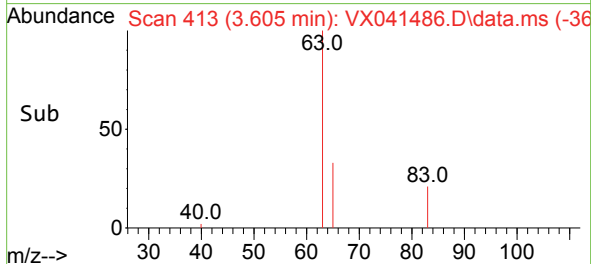
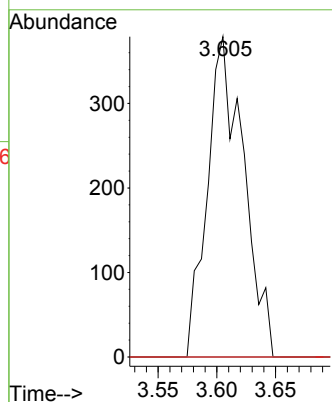
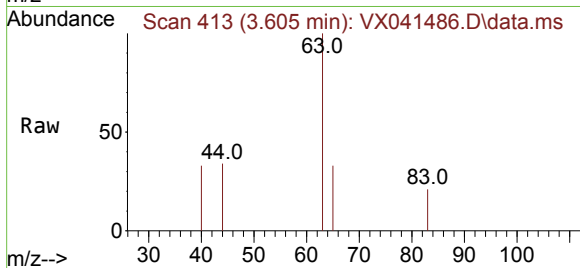
Acq: 13 May 2024 13:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp:	815
Ion Ratio	Lower	Upper
63	100	
98	0.0	3.3
100	0.0	2.1



#27

cis-1,2-Dichloroethene

Concen: 5.135 ug/l

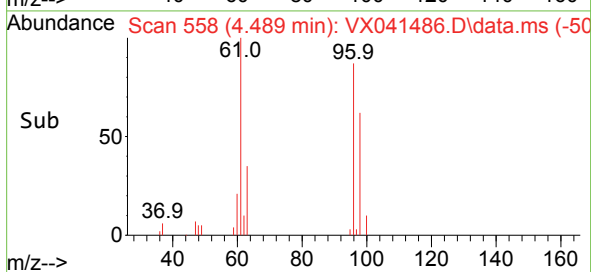
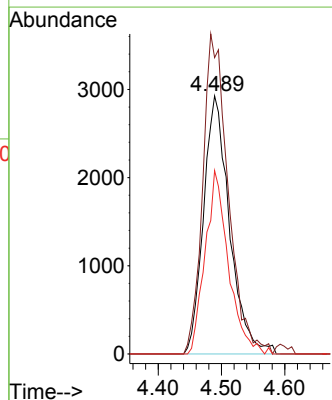
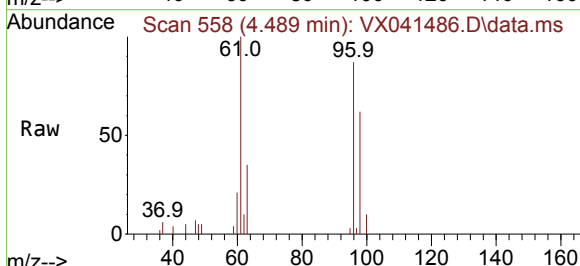
RT: 4.489 min Scan# 558

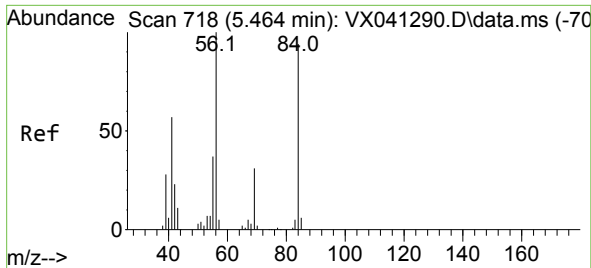
Delta R.T. 0.006 min

Lab File: VX041486.D

Acq: 13 May 2024 13:09

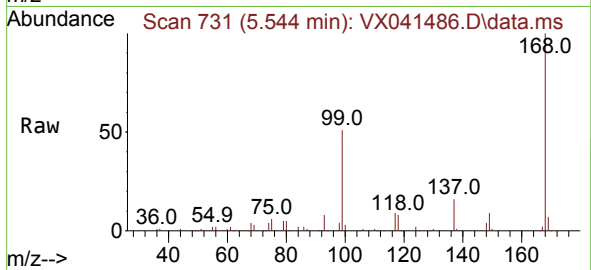
Tgt Ion: 96	Resp:	8358
Ion Ratio	Lower	Upper
96	100	
61	121.7	0.0
98	63.5	0.0



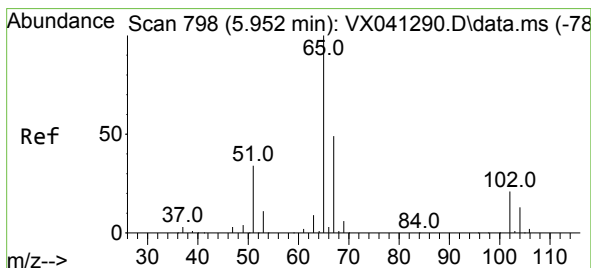
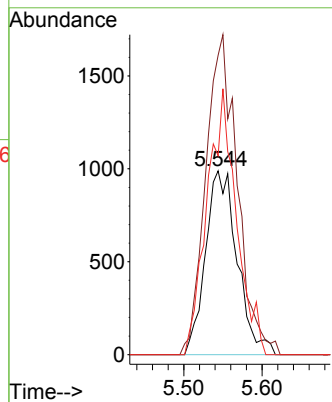
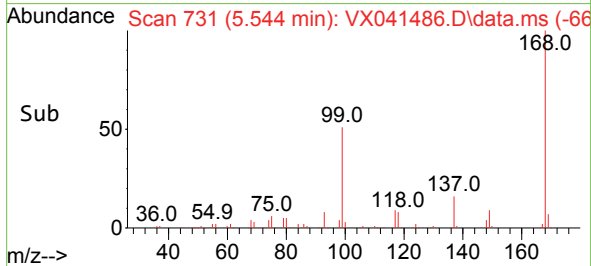


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Instrument :
MSVOA_X
ClientSampleId :

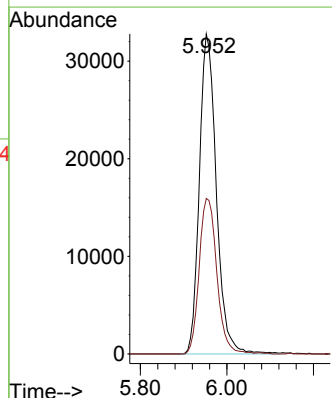
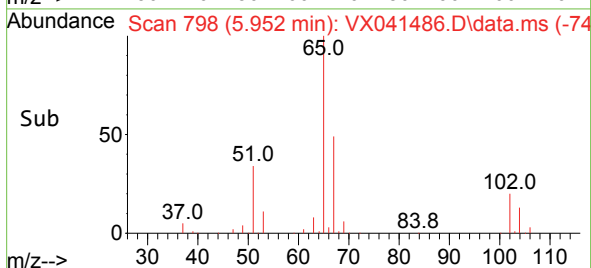
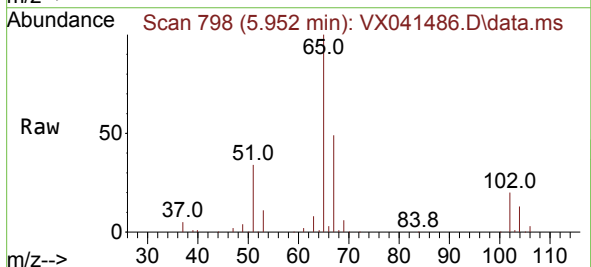


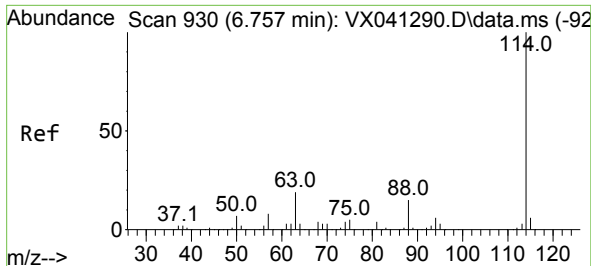
Tgt Ion: 56 Resp: 2781
Ion Ratio Lower Upper
56 100
69 162.9 23.4 35.2#
84 108.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.631 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Tgt Ion: 65 Resp: 89229
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

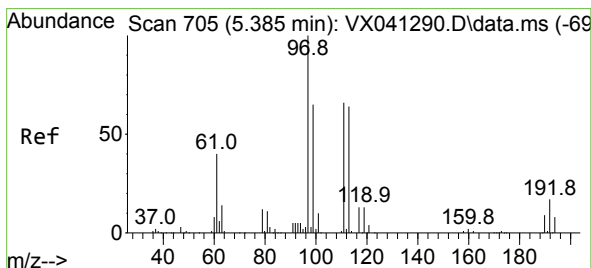
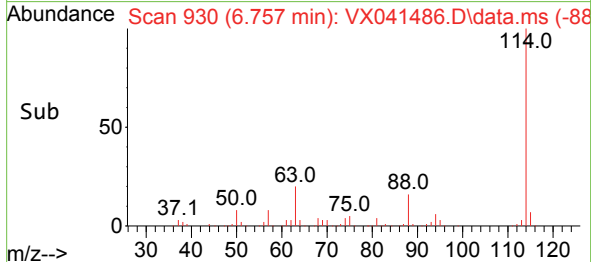
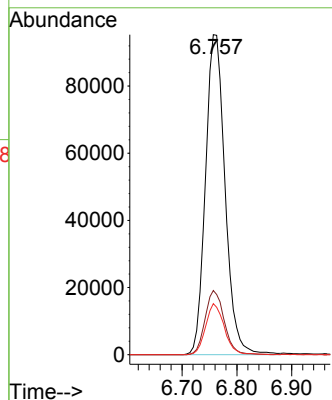
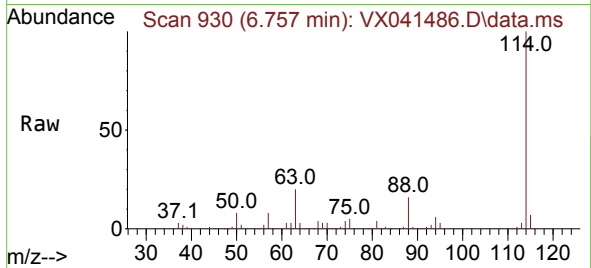




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

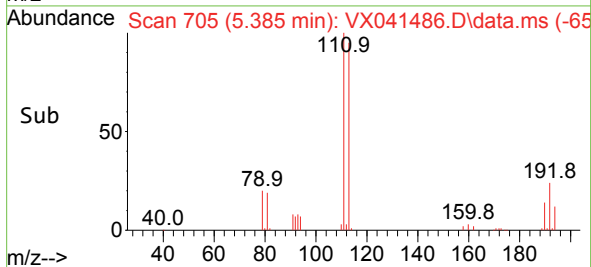
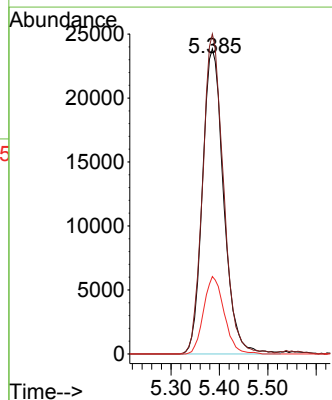
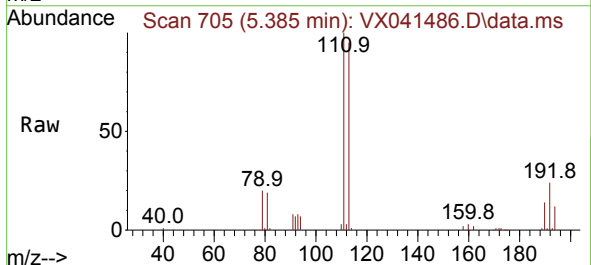
Instrument :
MSVOA_X
ClientSampleId :

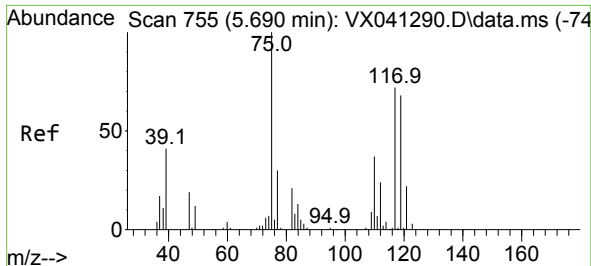
Tgt Ion:114 Resp: 236282
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.263 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Tgt Ion:113 Resp: 72475
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 24.7 13.3 19.9#

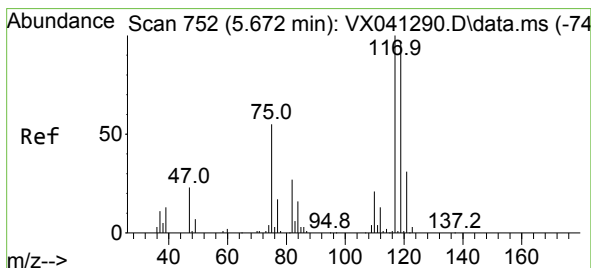
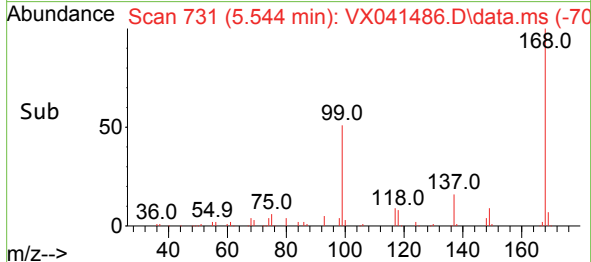
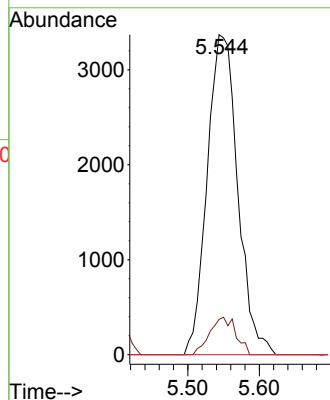
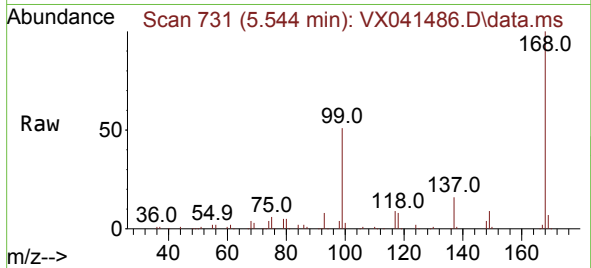




#36
1,1-Dichloropropene
Concen: 5.230 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

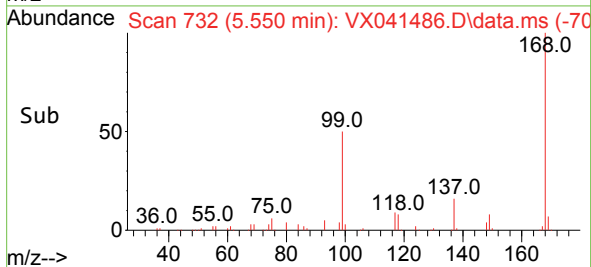
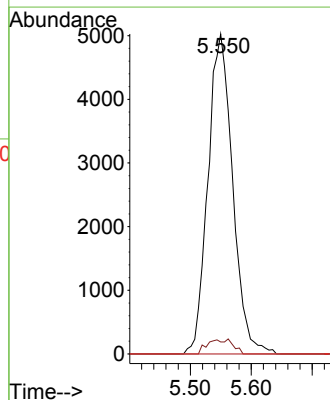
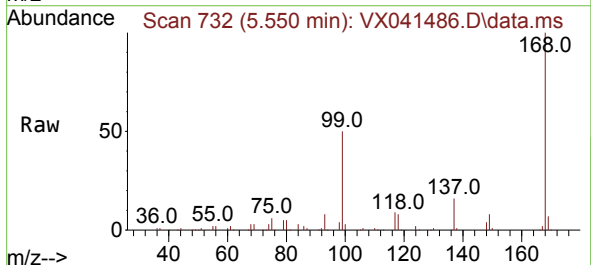
Instrument :
MSVOA_X
ClientSampleId :

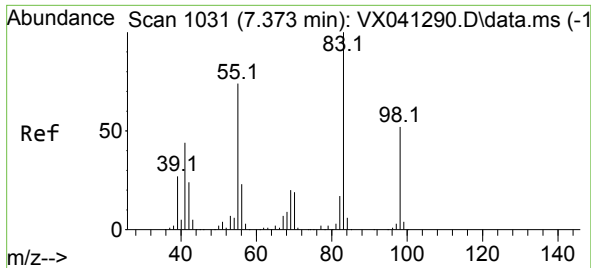
Tgt Ion: 75 Resp: 10013
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

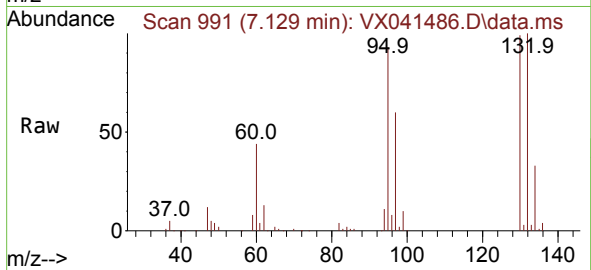
Tgt Ion: 117 Resp: 14165
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



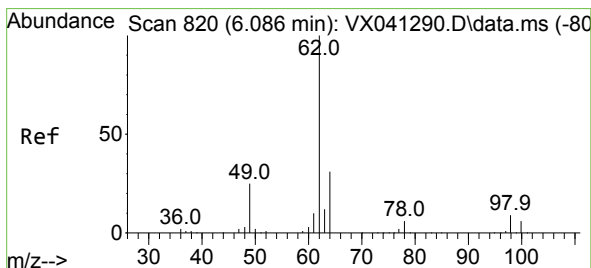
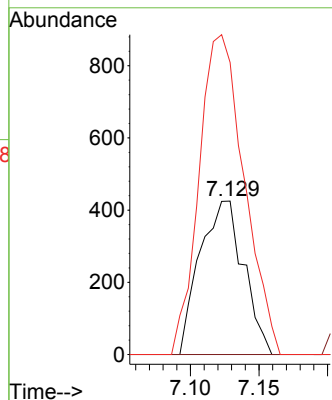
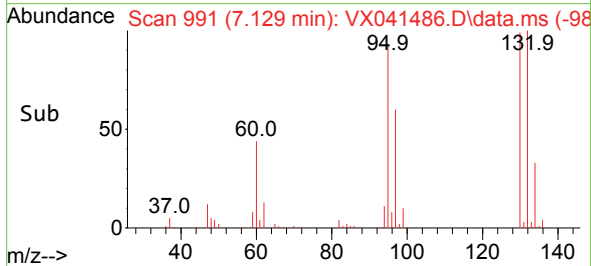


#39
Methylcyclohexane
Concen: 0.420 ug/l
RT: 7.129 min Scan# 91
Delta R.T. -0.244 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Instrument :
MSVOA_X
ClientSampleId :

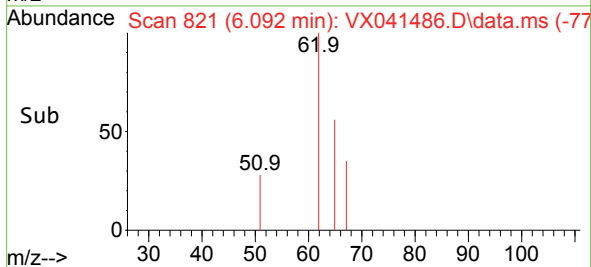
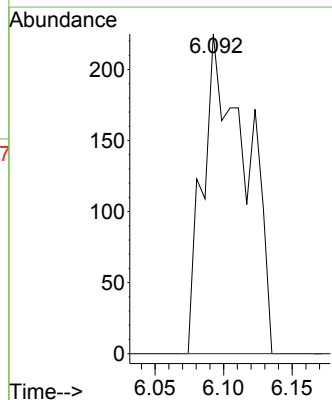
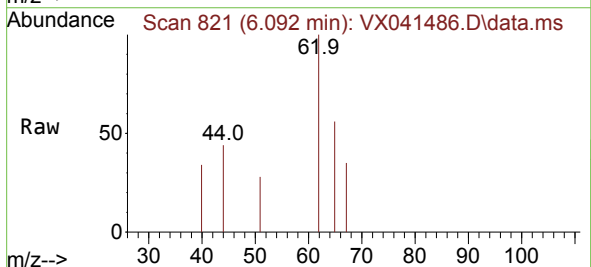


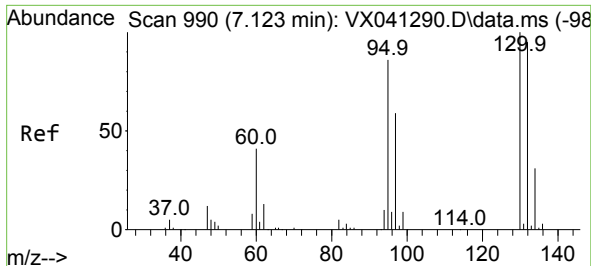
Tgt Ion: 83 Resp: 945
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 190.4 36.7 55.1#



#42
1,2-Dichloroethane
Concen: 0.227 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Tgt Ion: 62 Resp: 492
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

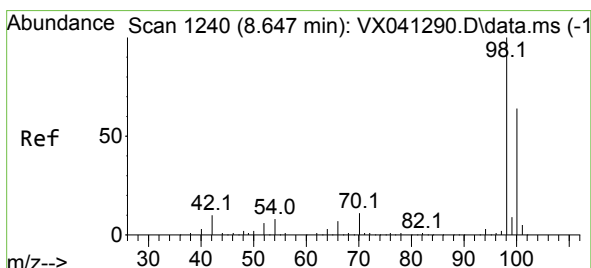
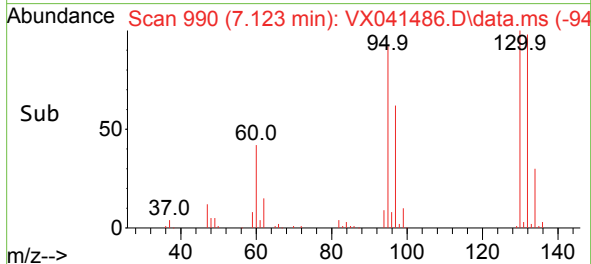
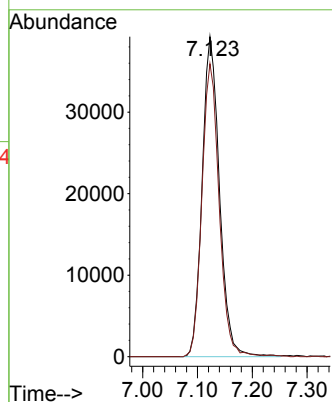
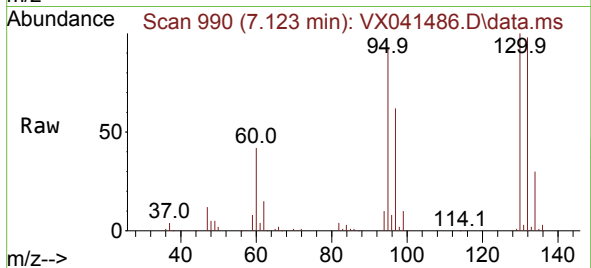




#44
Trichloroethene
Concen: 55.310 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

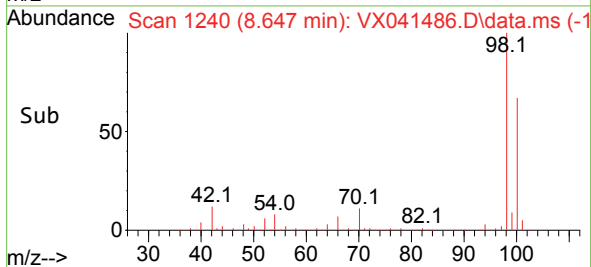
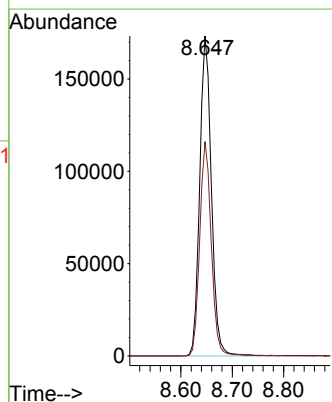
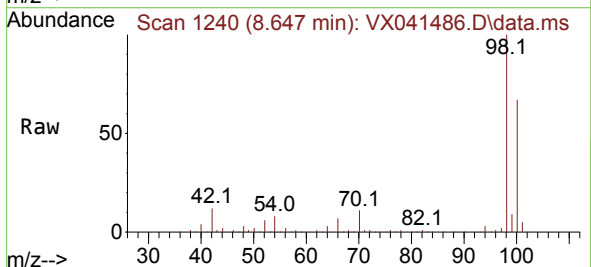
Instrument :
MSVOA_X
ClientSampleId :

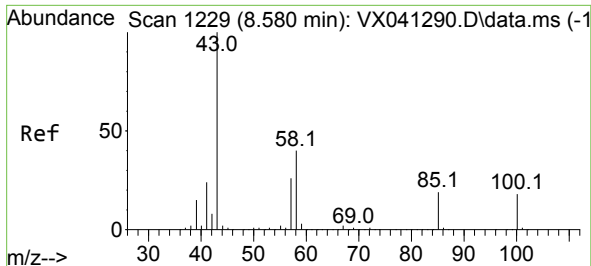
Tgt Ion:130 Resp: 86205
Ion Ratio Lower Upper
130 100
95 91.5 0.0 204.4



#50
Toluene-d8
Concen: 53.966 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Tgt Ion: 98 Resp: 273500
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

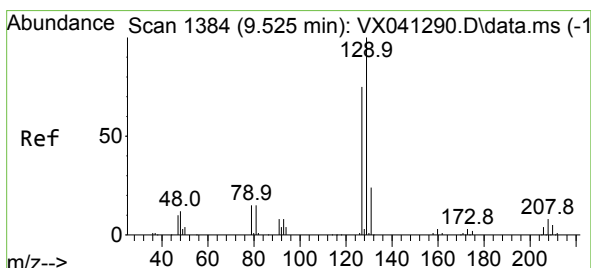
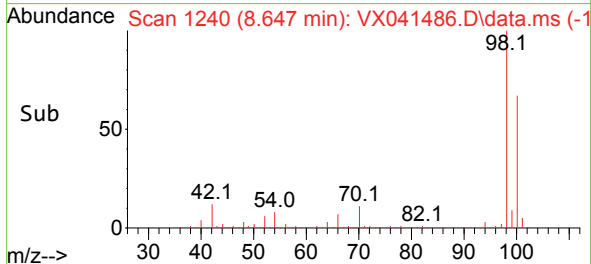
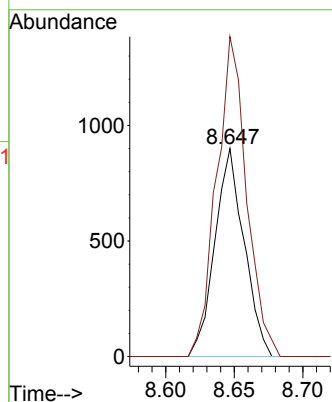
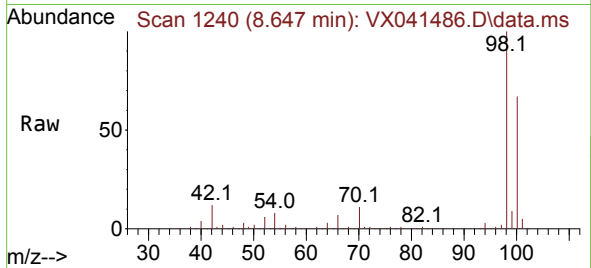




#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

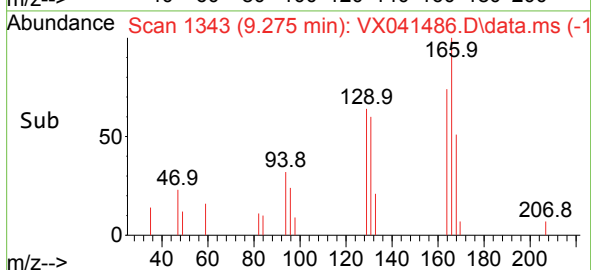
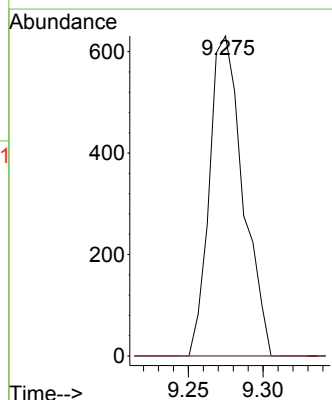
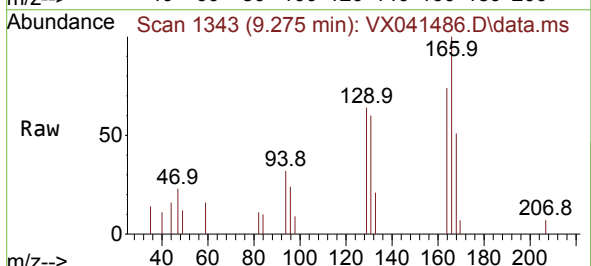
Instrument :
MSVOA_X
ClientSampleId :

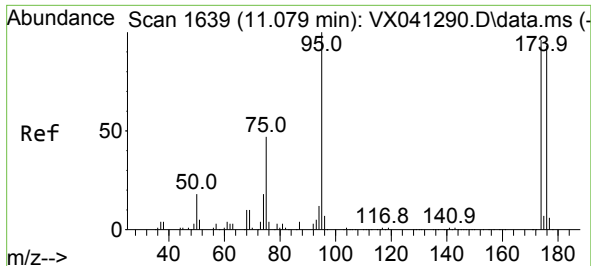
Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
58 158.0 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.602 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

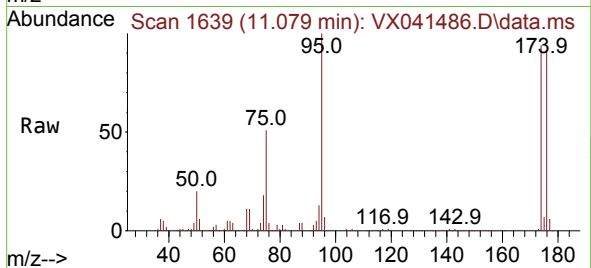
Tgt Ion: 129 Resp: 985
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



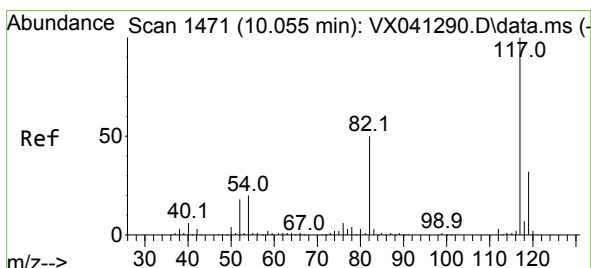
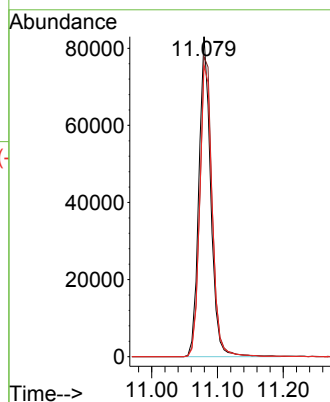
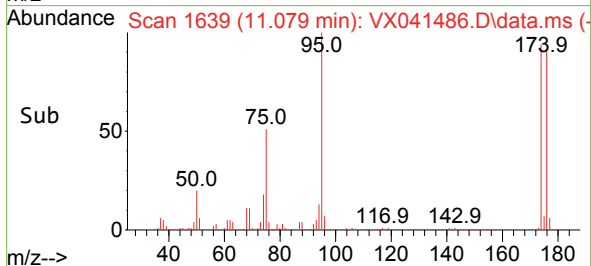


#62
4-Bromofluorobenzene
Concen: 52.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

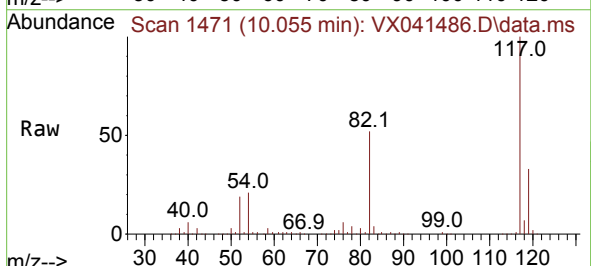
Instrument :
MSVOA_X
ClientSampleId :



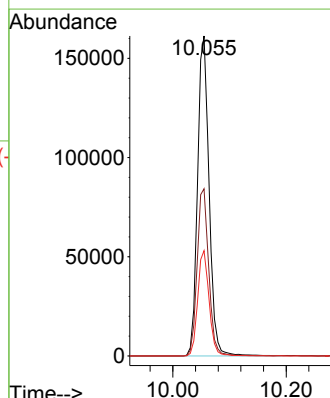
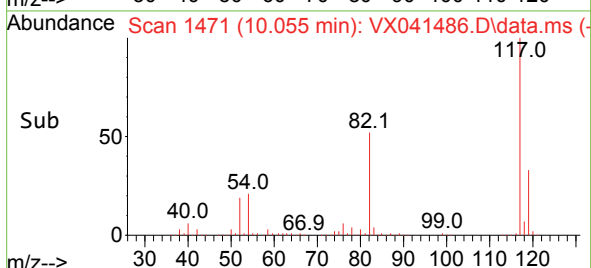
Tgt Ion: 95 Resp: 103709
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 95.8 0.0 131.0

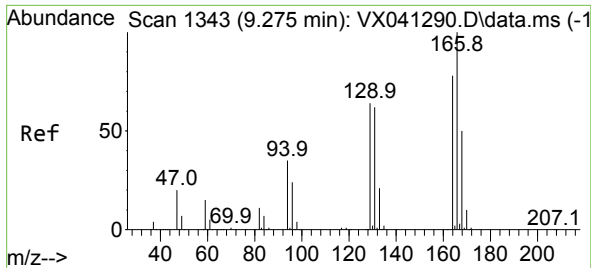


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09



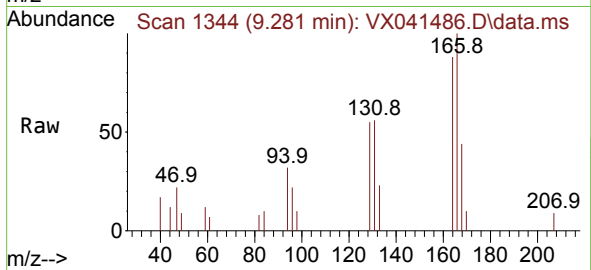
Tgt Ion: 117 Resp: 227458
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 32.9 25.5 38.3



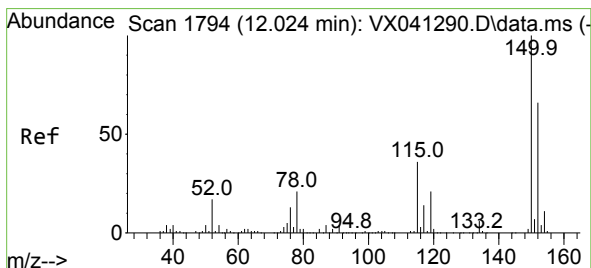
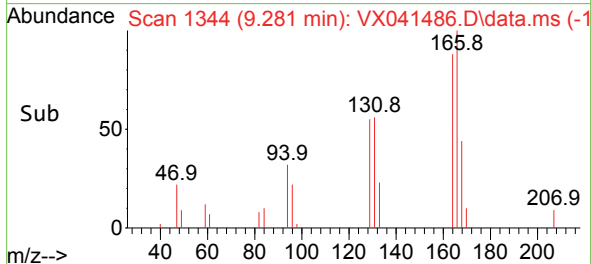
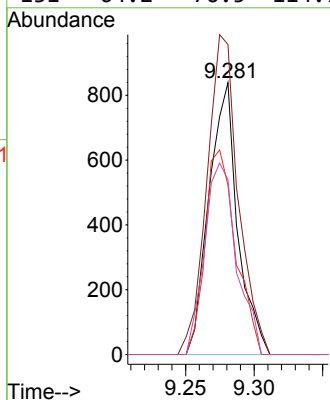


#64
Tetrachloroethene
Concen: 0.743 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Instrument :
MSVOA_X
ClientSampleId :

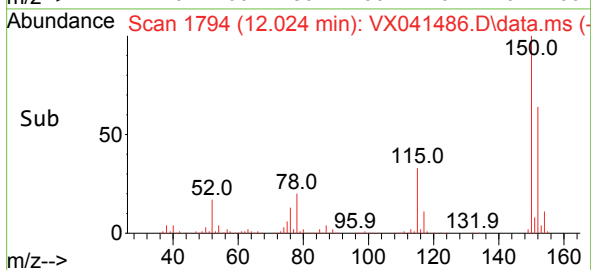
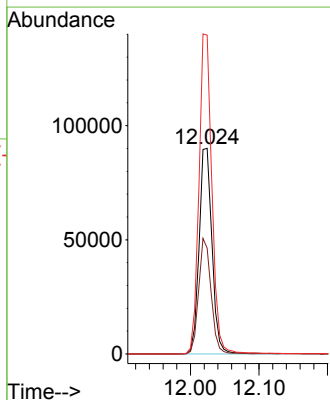
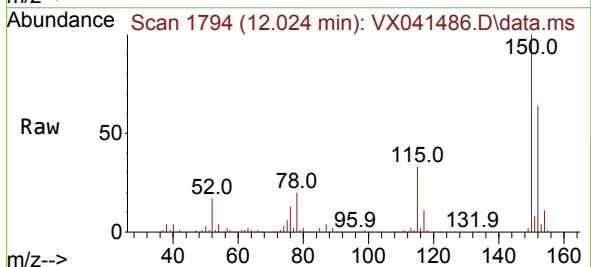


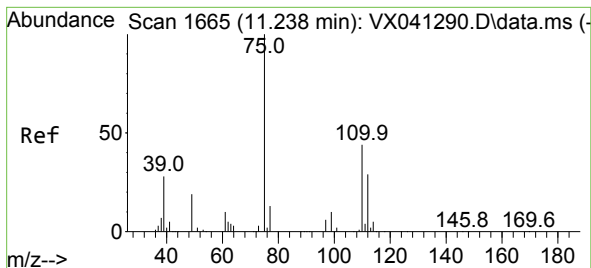
Tgt Ion:164 Resp: 1223
Ion Ratio Lower Upper
164 100
166 114.1 102.7 154.1
129 62.2 80.4 120.6#
131 64.2 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041486.D
Acq: 13 May 2024 13:09

Tgt Ion:152 Resp: 118284
Ion Ratio Lower Upper
152 100
115 54.3 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.886 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX041486.D

Acq: 13 May 2024 13:09

Instrument :

MSVOA_X

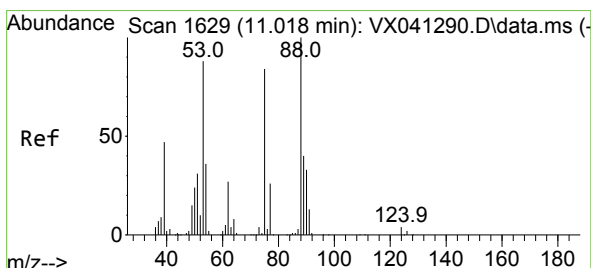
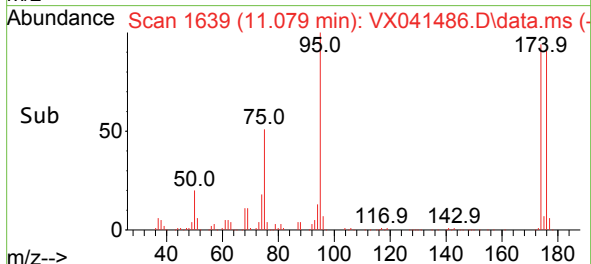
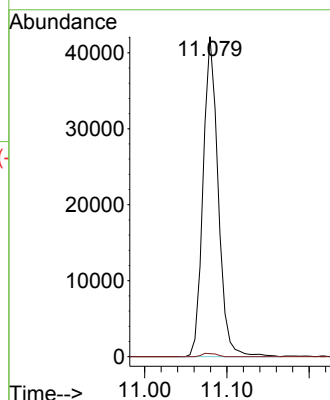
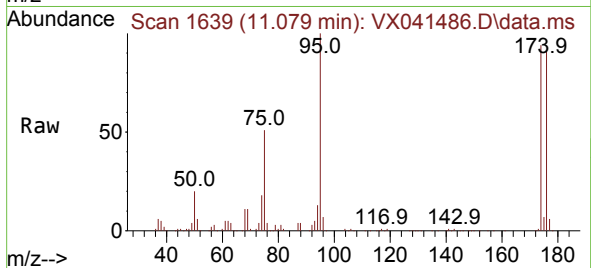
ClientSampleId :

Tgt Ion: 75 Resp: 53754

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.957 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041486.D

Acq: 13 May 2024 13:09

Tgt Ion: 75 Resp: 53754

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

