

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041469.D
 Acq On : 10 May 2024 19:16
 Operator : JC/MD
 Sample : P2445-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:39:22 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)

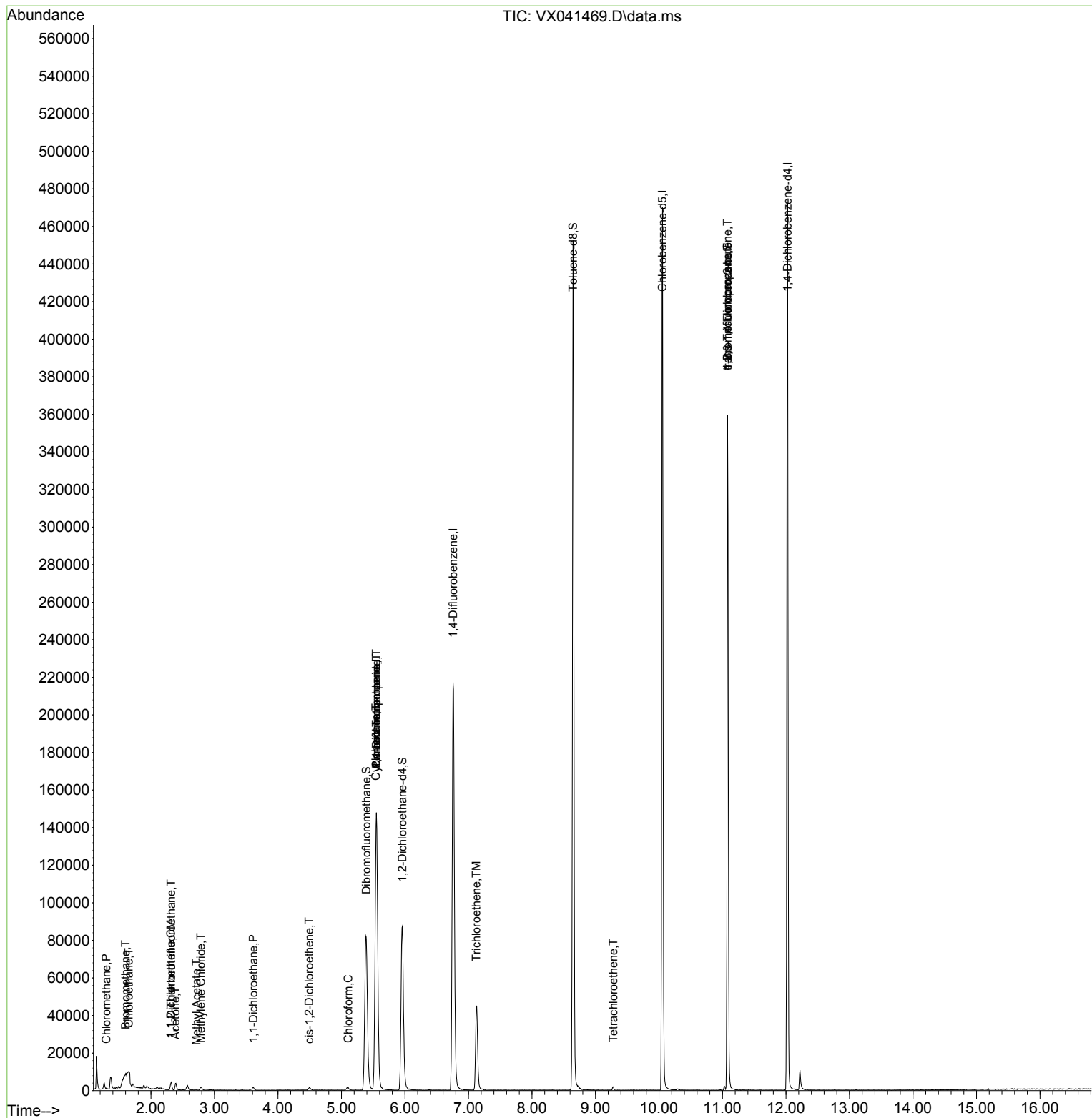
Internal Standards						
1) Pentafluorobenzene	5.550	168	157340	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	233308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89807	52.431	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.860%	
35) Dibromofluoromethane	5.391	113	71723	45.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.720%	
50) Toluene-d8	8.647	98	267532	53.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	11.079	95	86317	44.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	372	0.278	ug/l	# 73
5) Bromomethane	1.599	94	316	0.395	ug/l	# 77
6) Chloroethane	1.648	64	151	0.255	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.319	101	1174	0.950	ug/l	87
12) 1,1-Dichloroethene	2.313	96	521	0.427	ug/l	86
16) Acetone	2.386	43	4452	2.022	ug/l	98
18) Methyl Acetate	2.715	43	391	0.223	ug/l	# 53
20) Methylene Chloride	2.788	84	968	0.651	ug/l	# 78
24) 1,1-Dichloroethane	3.611	63	1908	0.778	ug/l	# 94
27) cis-1,2-Dichloroethene	4.489	96	1071	0.664	ug/l	74
30) Chloroform	5.105	83	1984	0.778	ug/l	90
31) Cyclohexane	5.544	56	2765	1.338	ug/l	# 6
36) 1,1-Dichloropropene	5.550	75	10102	5.343	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	13780	6.363	ug/l	# 15
44) Trichloroethene	7.123	130	19386	12.597	ug/l	90
64) Tetrachloroethene	9.281	164	383	0.236	ug/l	# 74
76) 1,2,3-Trichloropropane	11.079	75	45491	25.398	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45491	69.182	ug/l	# 5

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

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Sample : P2445-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

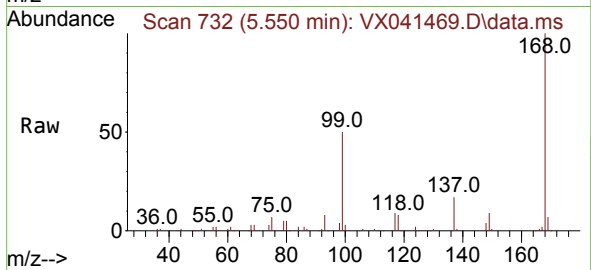
Quant Time: May 11 01:39:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



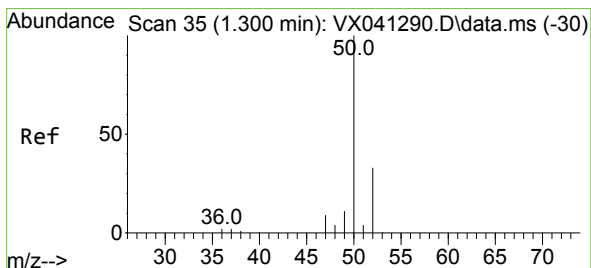
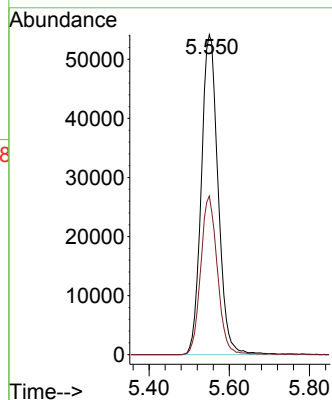
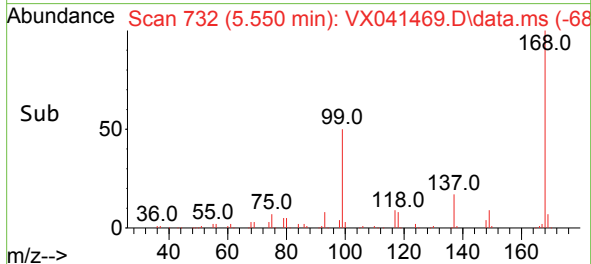


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Instrument :
MSVOA_X
ClientSampleId :

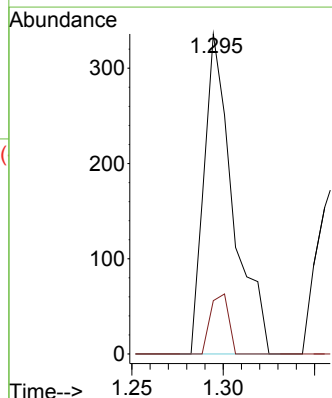
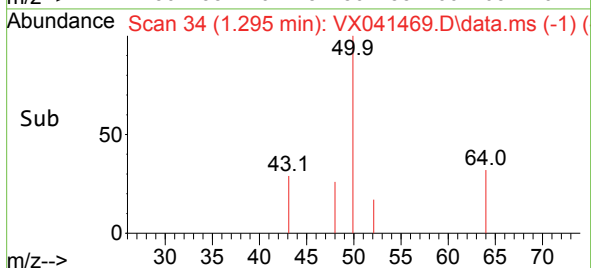
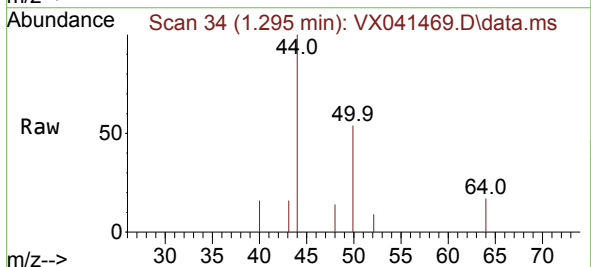


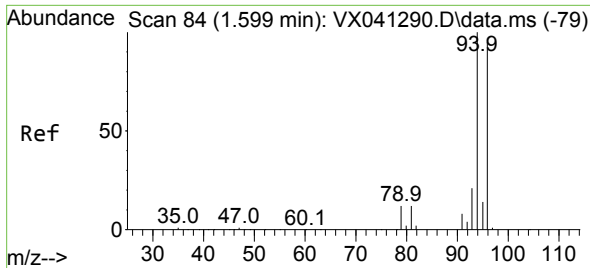
Tgt Ion:168 Resp: 157340
Ion Ratio Lower Upper
168 100
99 49.6 56.6 85.0#



#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 16.7 25.5 38.3#

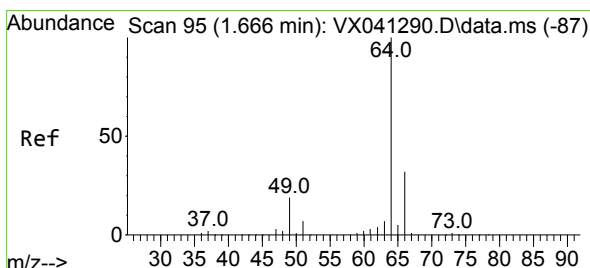
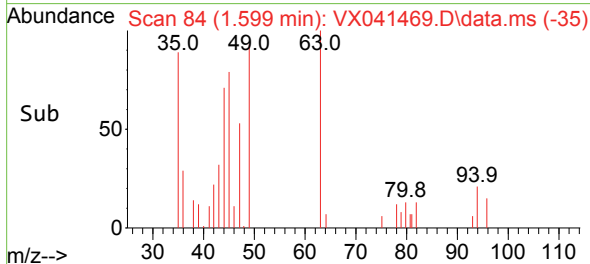
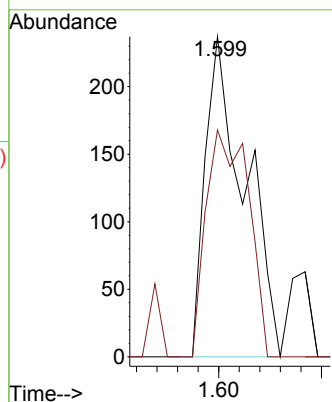
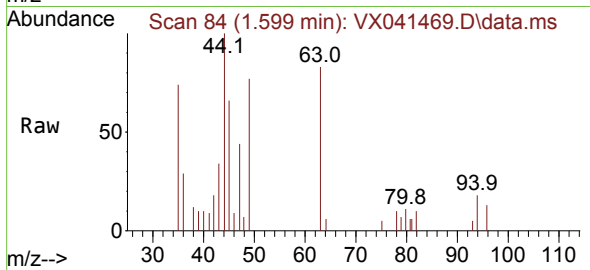




#5
Bromomethane
Concen: 0.395 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

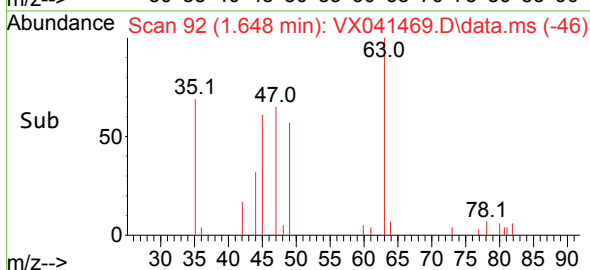
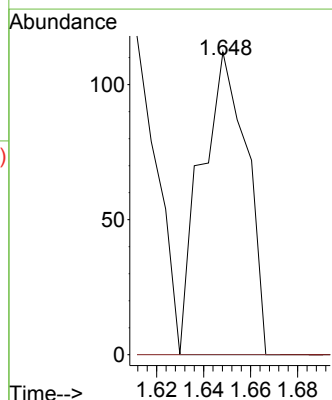
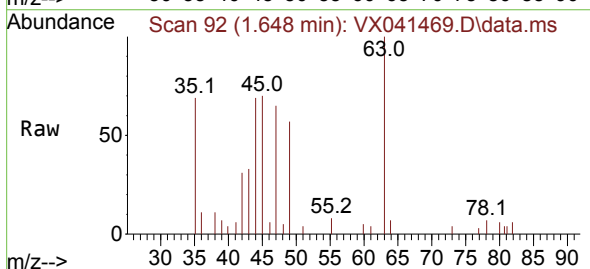
Instrument :
MSVOA_X
ClientSampleId :

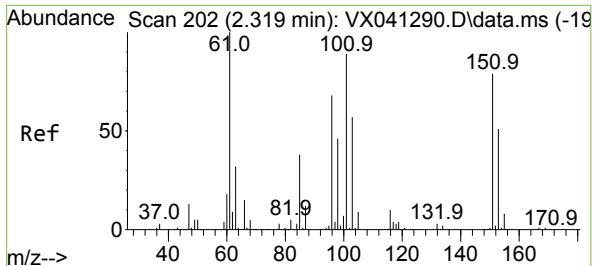
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 70.9 74.6 111.8#



#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.018 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

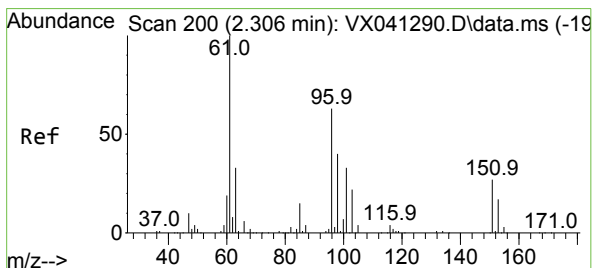
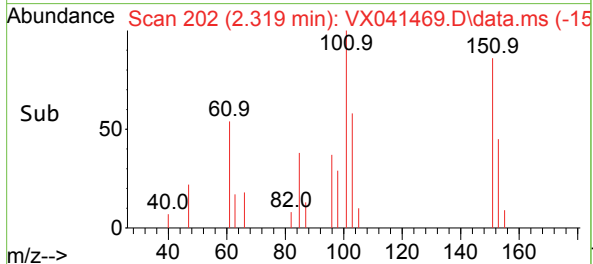
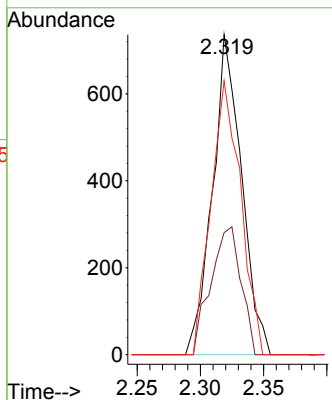
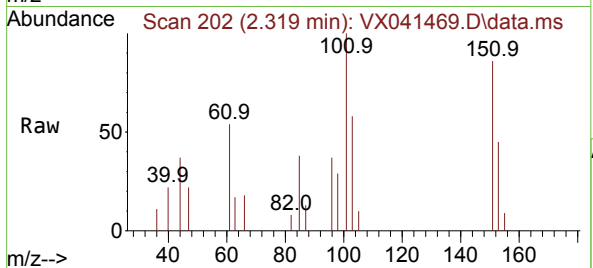




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.950 ug/l
 RT: 2.319 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX041469.D
 Acq: 10 May 2024 19:16

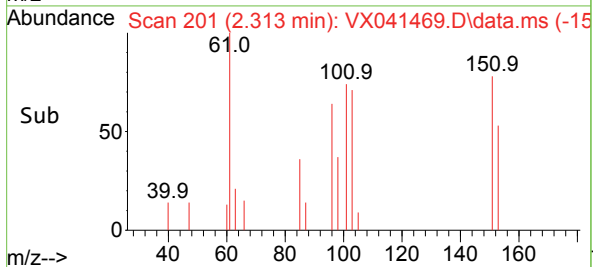
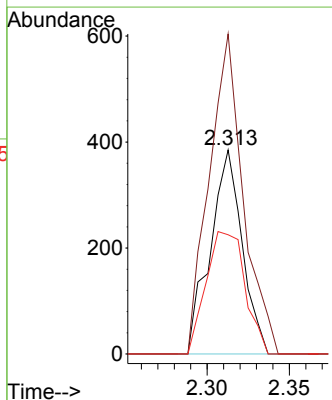
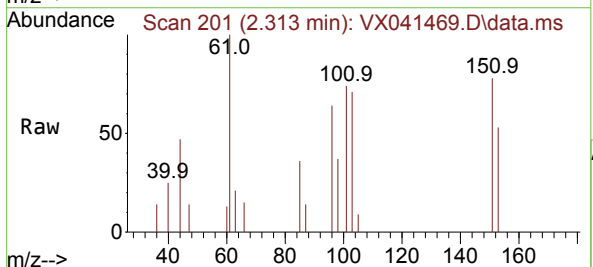
Instrument :
 MSVOA_X
 ClientSampleId :

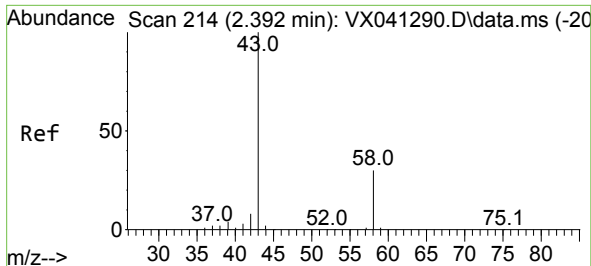
Tgt Ion:101 Resp: 1174
 Ion Ratio Lower Upper
 101 100
 85 41.6 37.0 55.6
 151 87.6 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 0.427 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX041469.D
 Acq: 10 May 2024 19:16

Tgt Ion: 96 Resp: 521
 Ion Ratio Lower Upper
 96 100
 61 156.9 144.6 216.8
 98 58.4 50.4 75.6

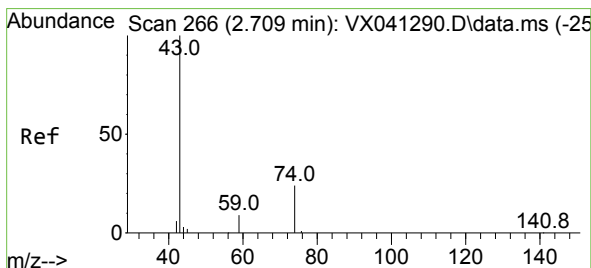
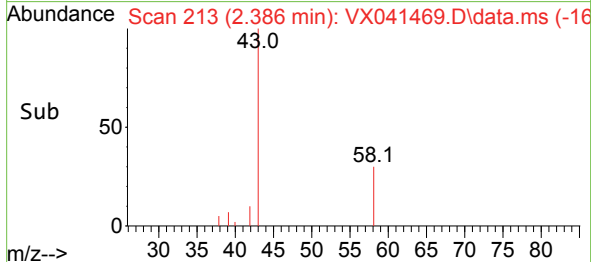
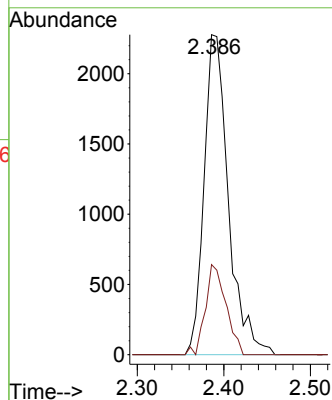
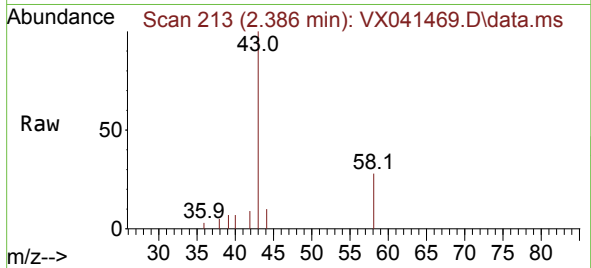




#16
Acetone
Concen: 2.022 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

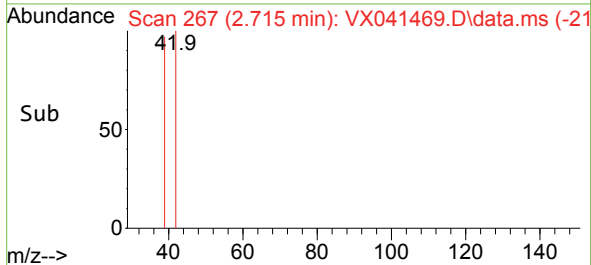
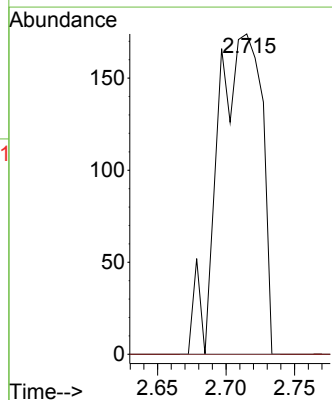
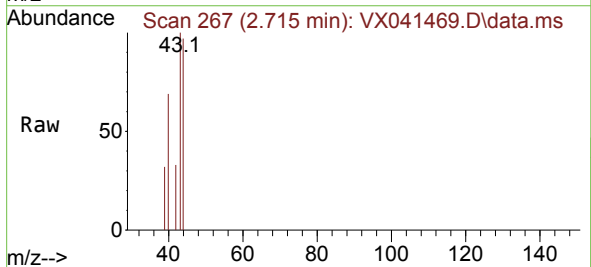
Instrument :
MSVOA_X
ClientSampleId :

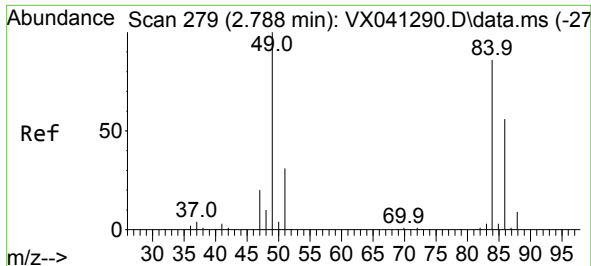
Tgt Ion: 43 Resp: 4452
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9



#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

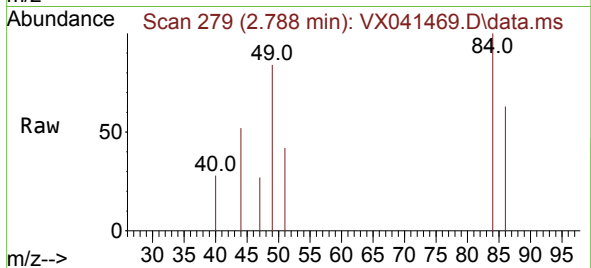
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



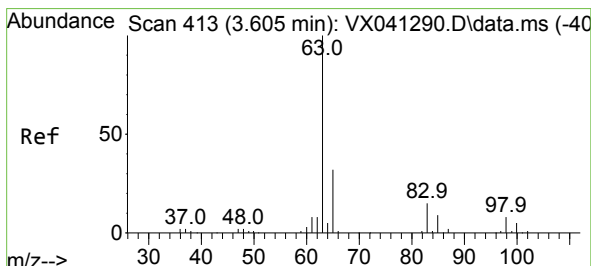
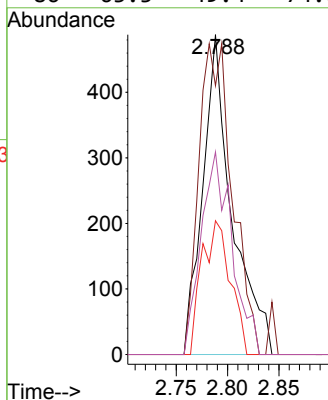
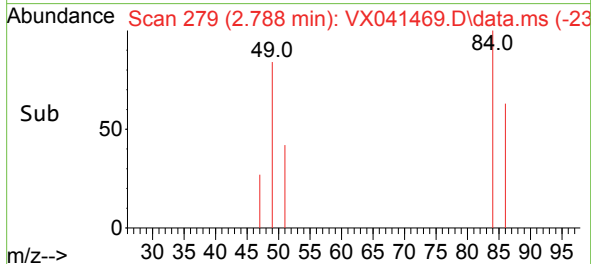


#20
Methylene Chloride
Concen: 0.651 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

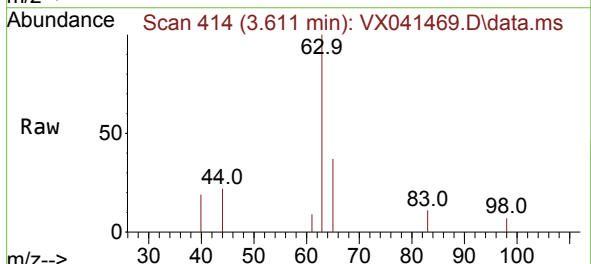
Instrument :
MSVOA_X
ClientSampleId :



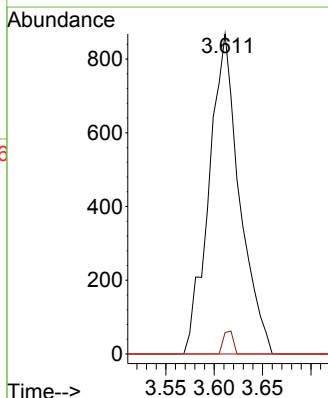
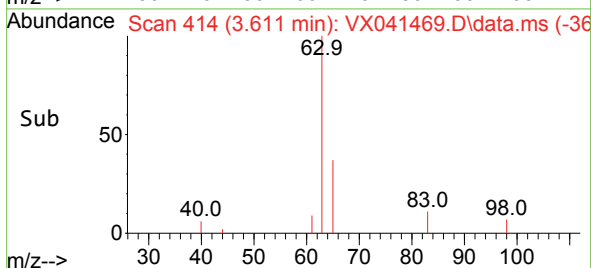
Tgt Ion:	84	Resp:	968
Ion	Ratio	Lower	Upper
84	100		
49	84.0	103.6	155.4#
51	41.8	33.8	50.6
86	63.3	49.4	74.0

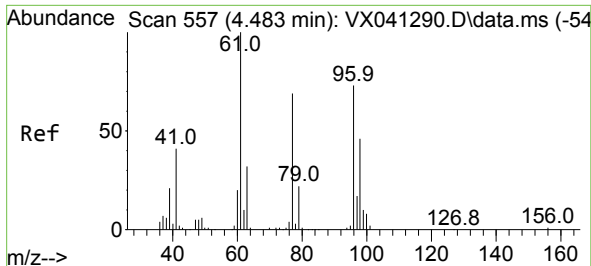


#24
1,1-Dichloroethane
Concen: 0.778 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16



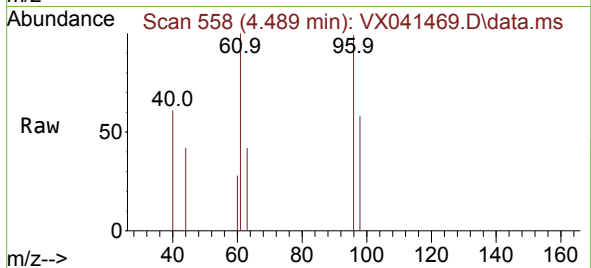
Tgt Ion:	63	Resp:	1908
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.8
100	0.0	2.1	6.5#



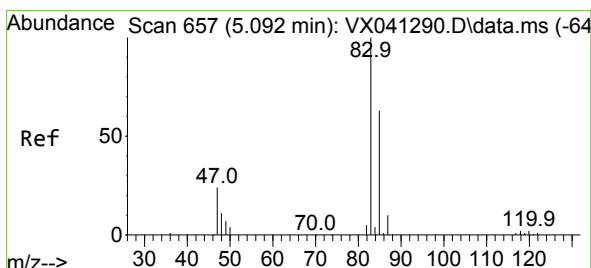
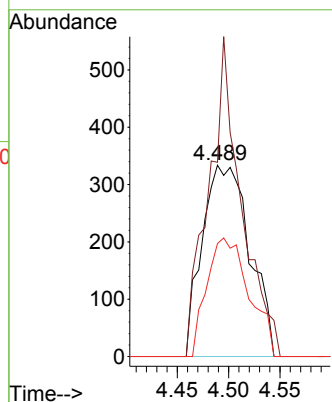
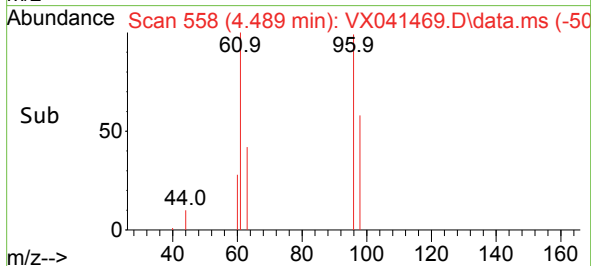


#27
cis-1,2-Dichloroethene
Concen: 0.664 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Instrument :
MSVOA_X
ClientSampleId :

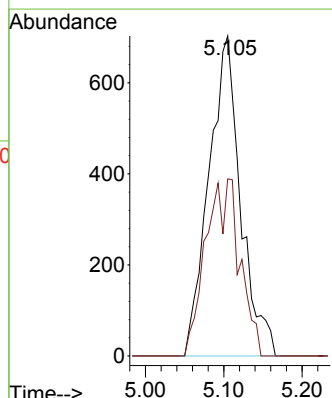
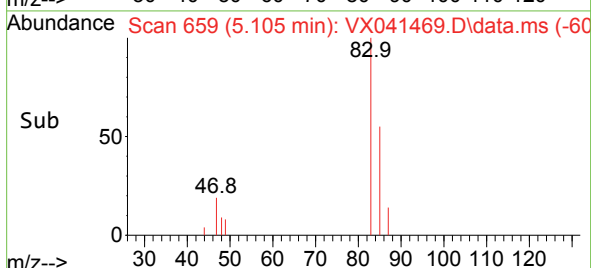
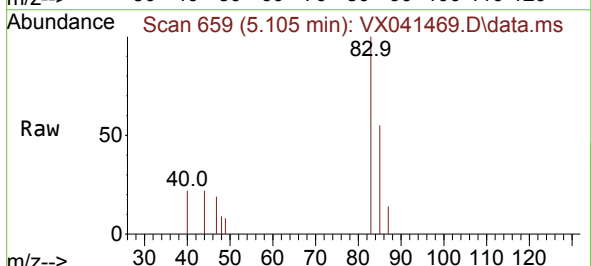


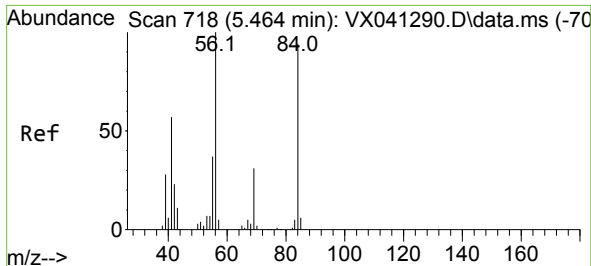
Tgt Ion: 96 Resp: 1071
Ion Ratio Lower Upper
96 100
61 115.3 0.0 312.2
98 55.2 0.0 129.0



#30
Chloroform
Concen: 0.778 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

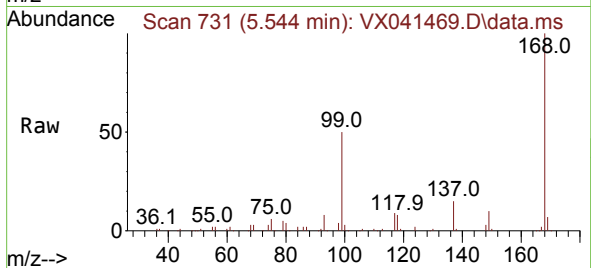
Tgt Ion: 83 Resp: 1984
Ion Ratio Lower Upper
83 100
85 55.3 50.3 75.5



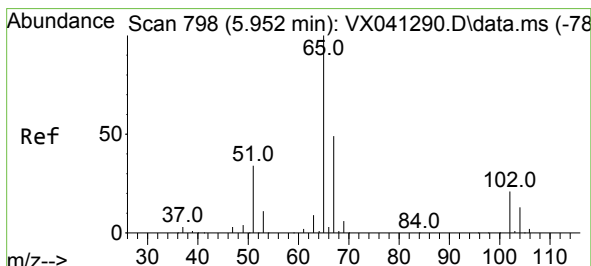
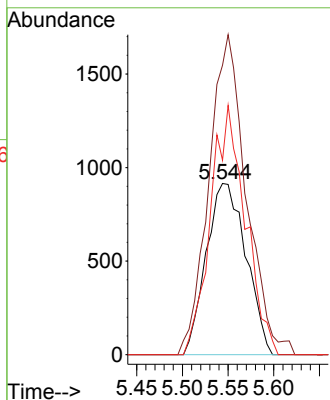
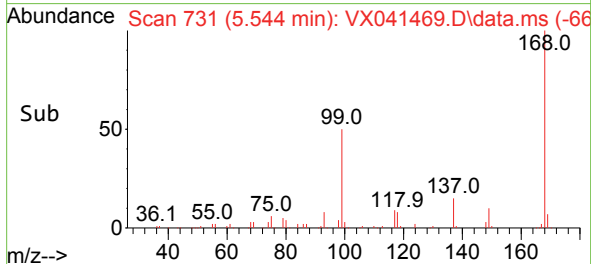


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Instrument :
MSVOA_X
ClientSampleId :

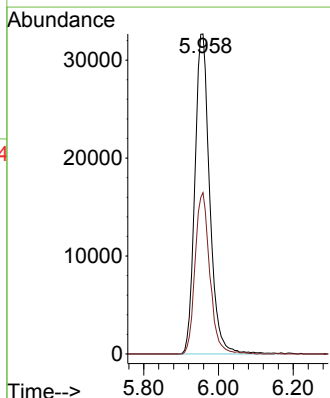
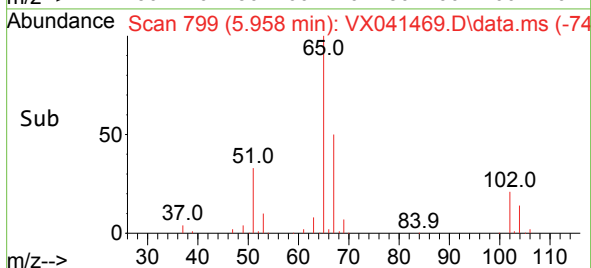
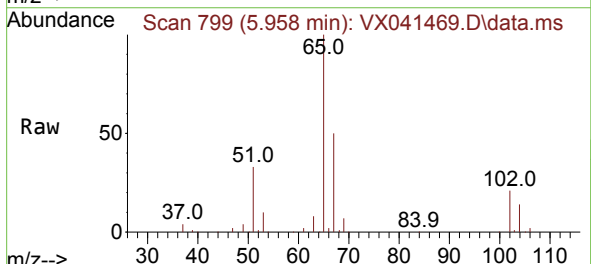


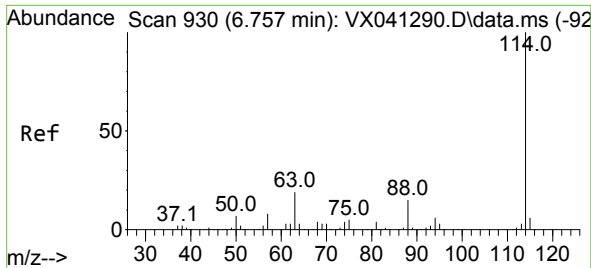
Tgt Ion: 56 Resp: 2765
Ion Ratio Lower Upper
56 100
69 169.1 23.4 35.2#
84 113.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.431 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Tgt Ion: 65 Resp: 89807
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

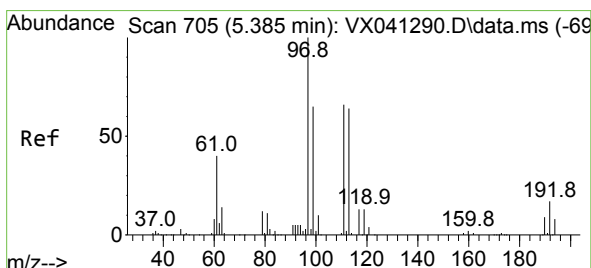
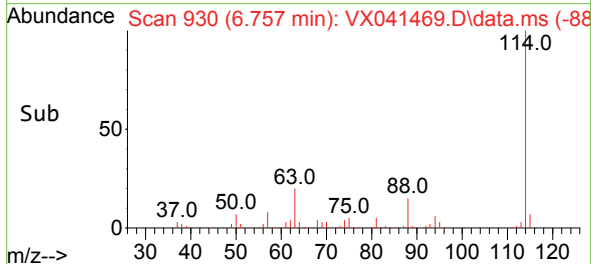
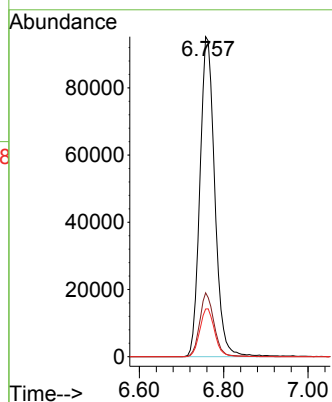
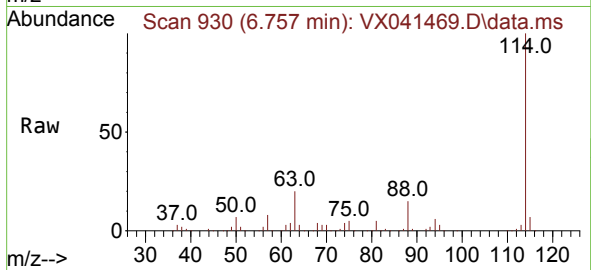




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

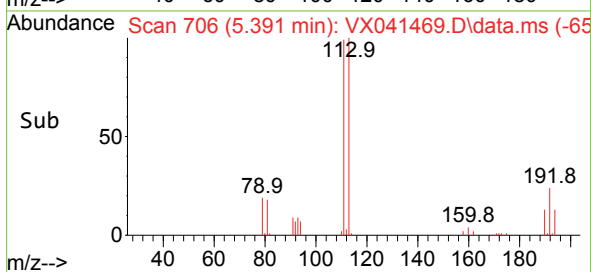
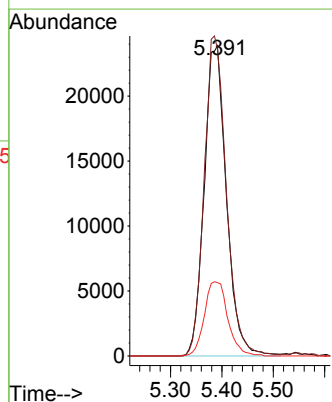
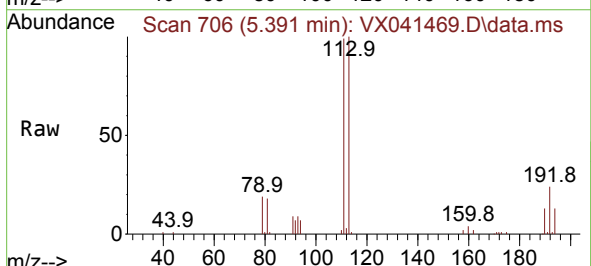
Instrument :
MSVOA_X
ClientSampleId :

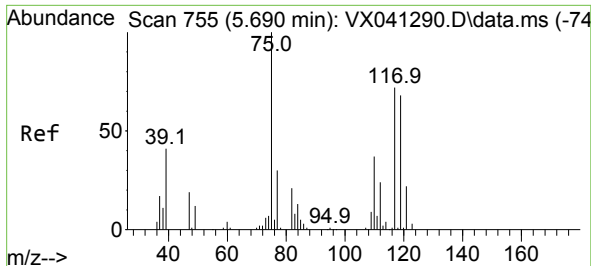
Tgt Ion:114 Resp: 233308
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.364 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

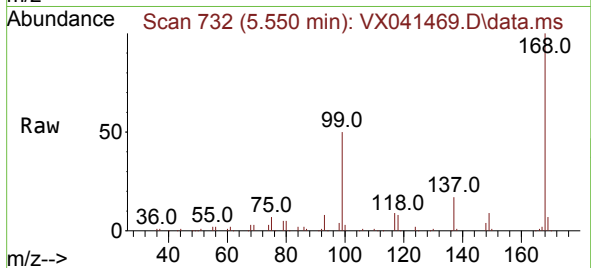
Tgt Ion:113 Resp: 71723
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 25.2 13.3 19.9#



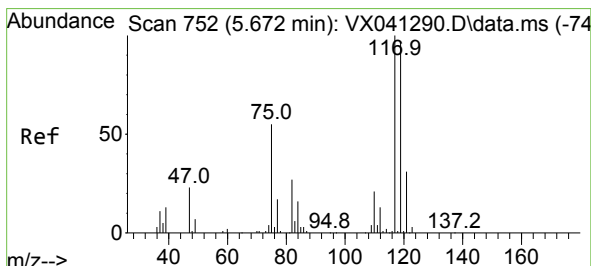
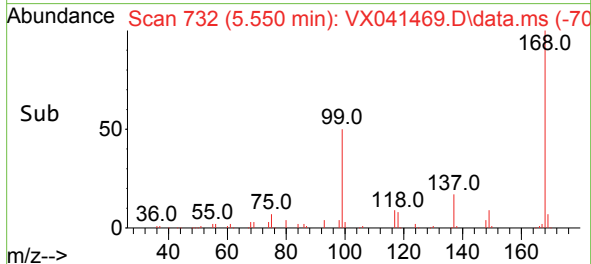
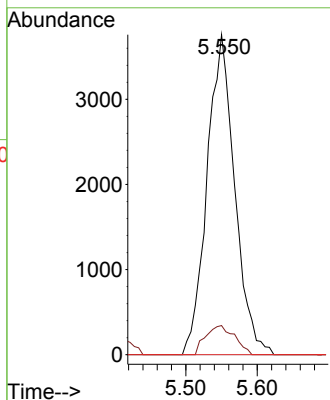


#36
1,1-Dichloropropene
Concen: 5.343 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Instrument :
MSVOA_X
ClientSampleId :

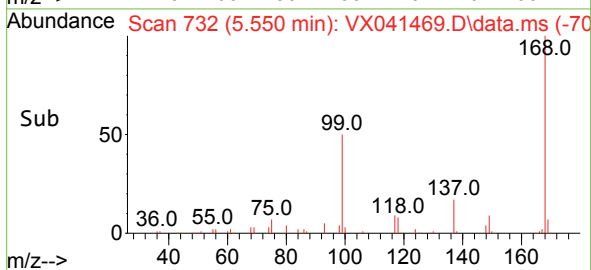
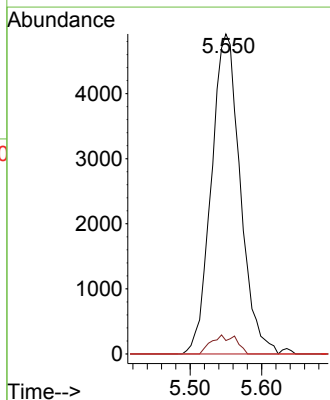
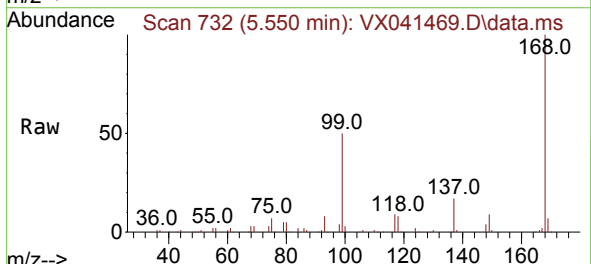


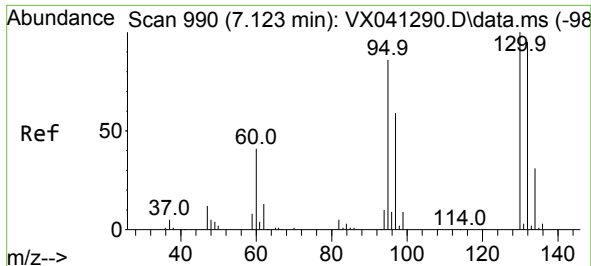
Tgt Ion: 75 Resp: 10102
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Tgt Ion: 117 Resp: 13780
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

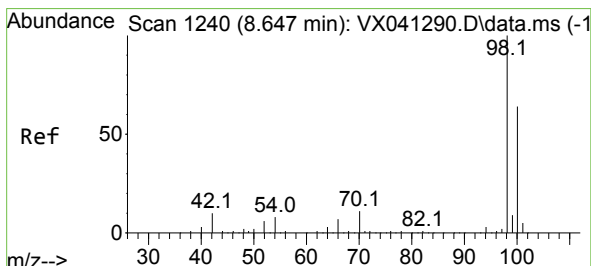
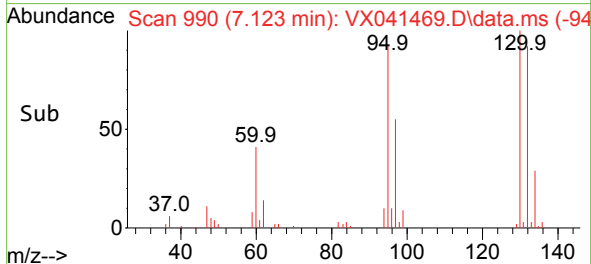
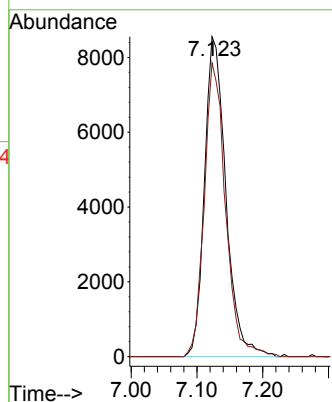
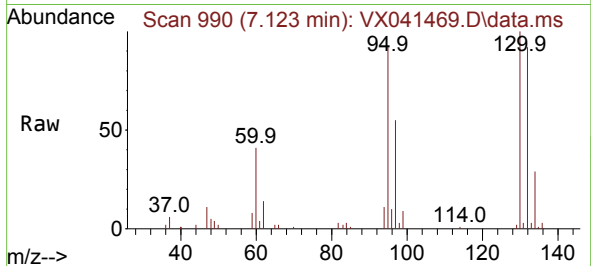




#44
Trichloroethene
Concen: 12.597 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

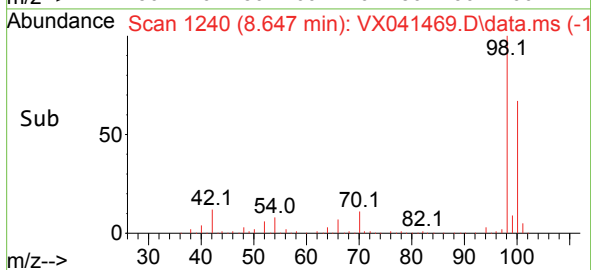
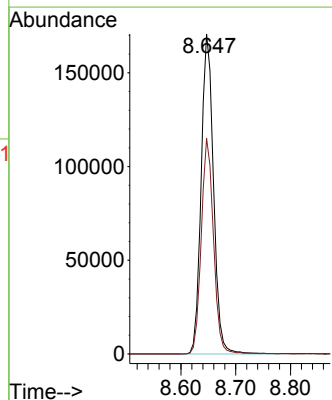
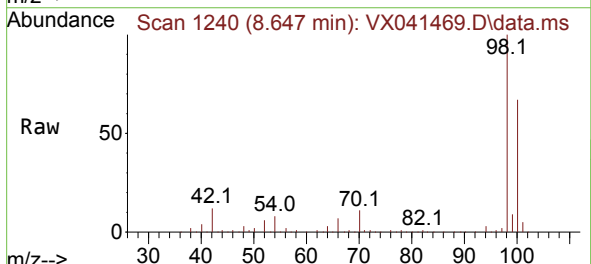
Instrument :
MSVOA_X
ClientSampleId :

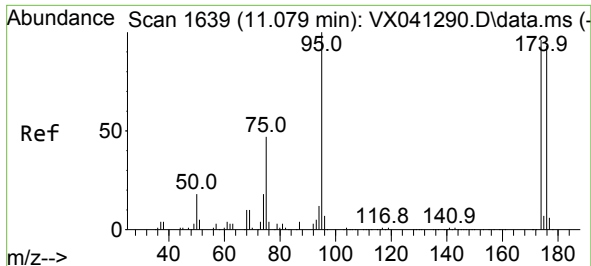
Tgt Ion:130 Resp: 19386
Ion Ratio Lower Upper
130 100
95 91.8 0.0 204.4



#50
Toluene-d8
Concen: 53.462 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

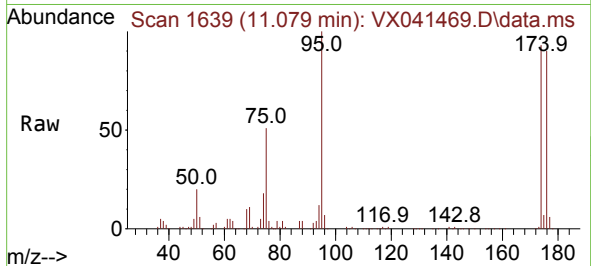
Tgt Ion: 98 Resp: 267532
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



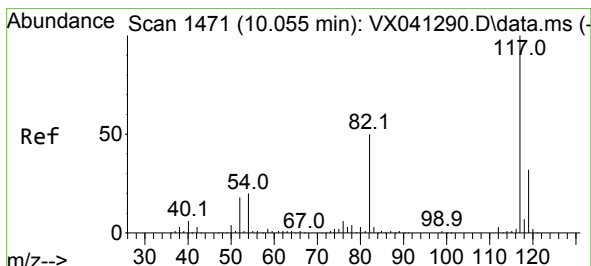
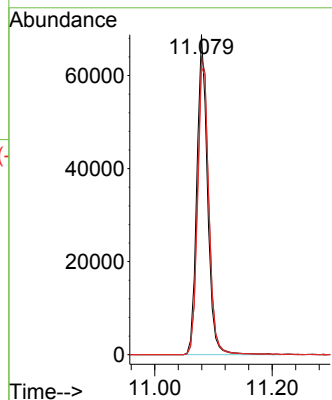
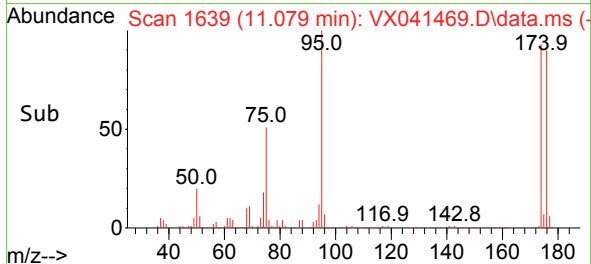


#62
4-Bromofluorobenzene
Concen: 44.559 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

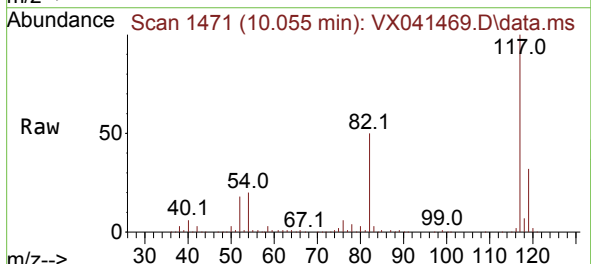
Instrument :
MSVOA_X
ClientSampleId :



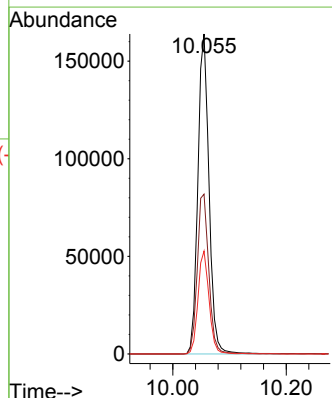
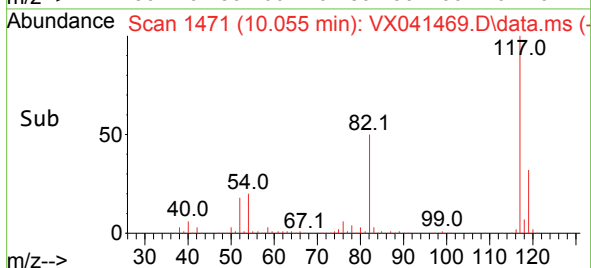
Tgt Ion: 95 Resp: 86317
Ion Ratio Lower Upper
95 100
174 99.0 0.0 135.6
176 96.2 0.0 131.0

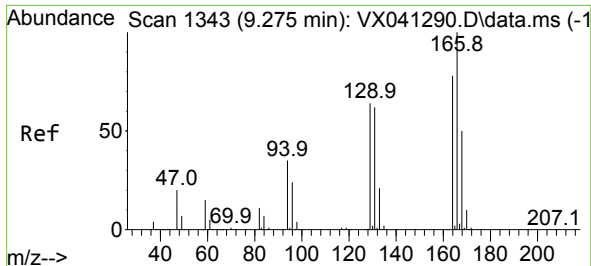


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16



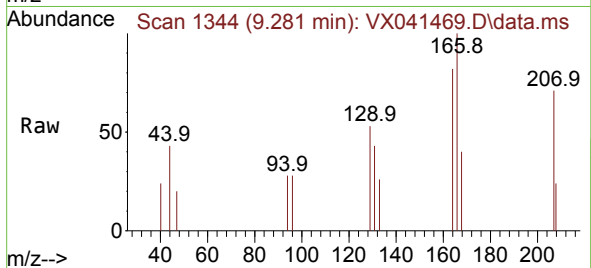
Tgt Ion: 117 Resp: 223685
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.2 25.5 38.3



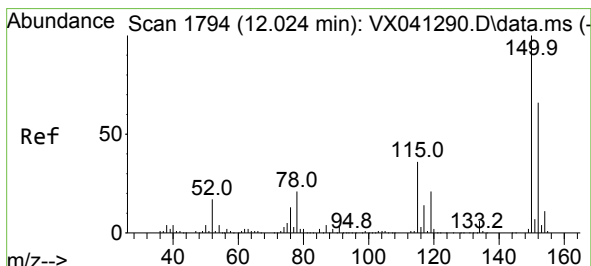
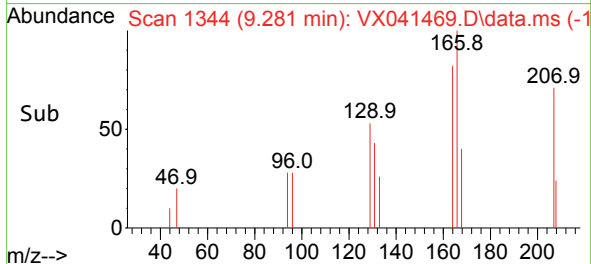
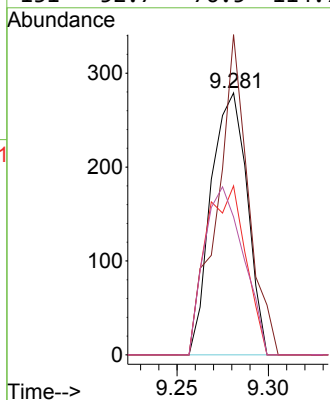


#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Instrument :
MSVOA_X
ClientSampleId :

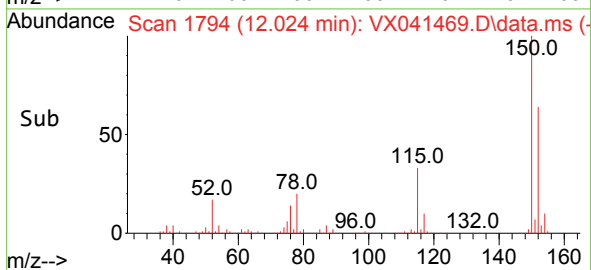
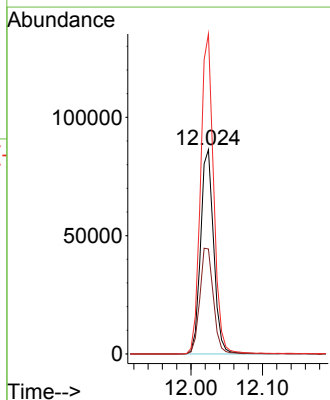
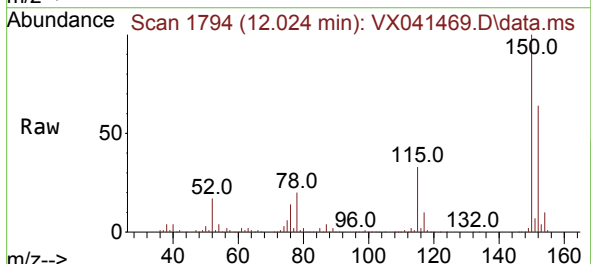


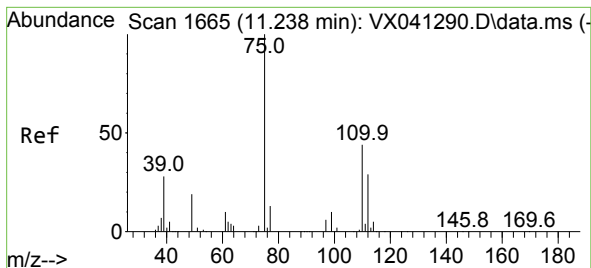
Tgt Ion:164 Resp: 383
Ion Ratio Lower Upper
164 100
166 122.2 102.7 154.1
129 64.5 80.4 120.6#
131 52.7 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041469.D
Acq: 10 May 2024 19:16

Tgt Ion:152 Resp: 109904
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.398 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041469.D

Acq: 10 May 2024 19:16

Instrument :

MSVOA_X

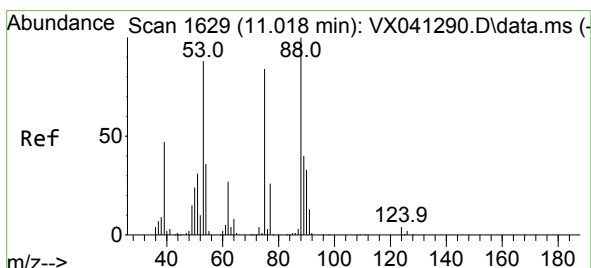
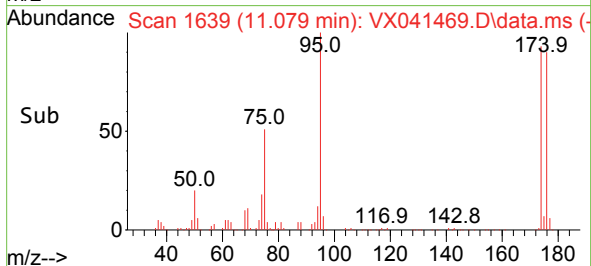
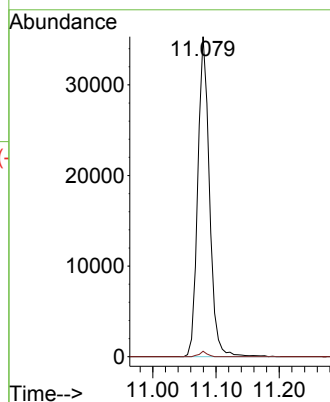
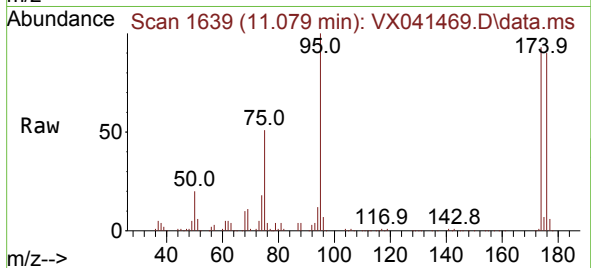
ClientSampleId :

Tgt Ion: 75 Resp: 45491

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.182 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041469.D

Acq: 10 May 2024 19:16

Tgt Ion: 75 Resp: 45491

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

