

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041484.D
 Acq On : 13 May 2024 12:22
 Operator : JC/MD
 Sample : P2440-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:30:23 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)

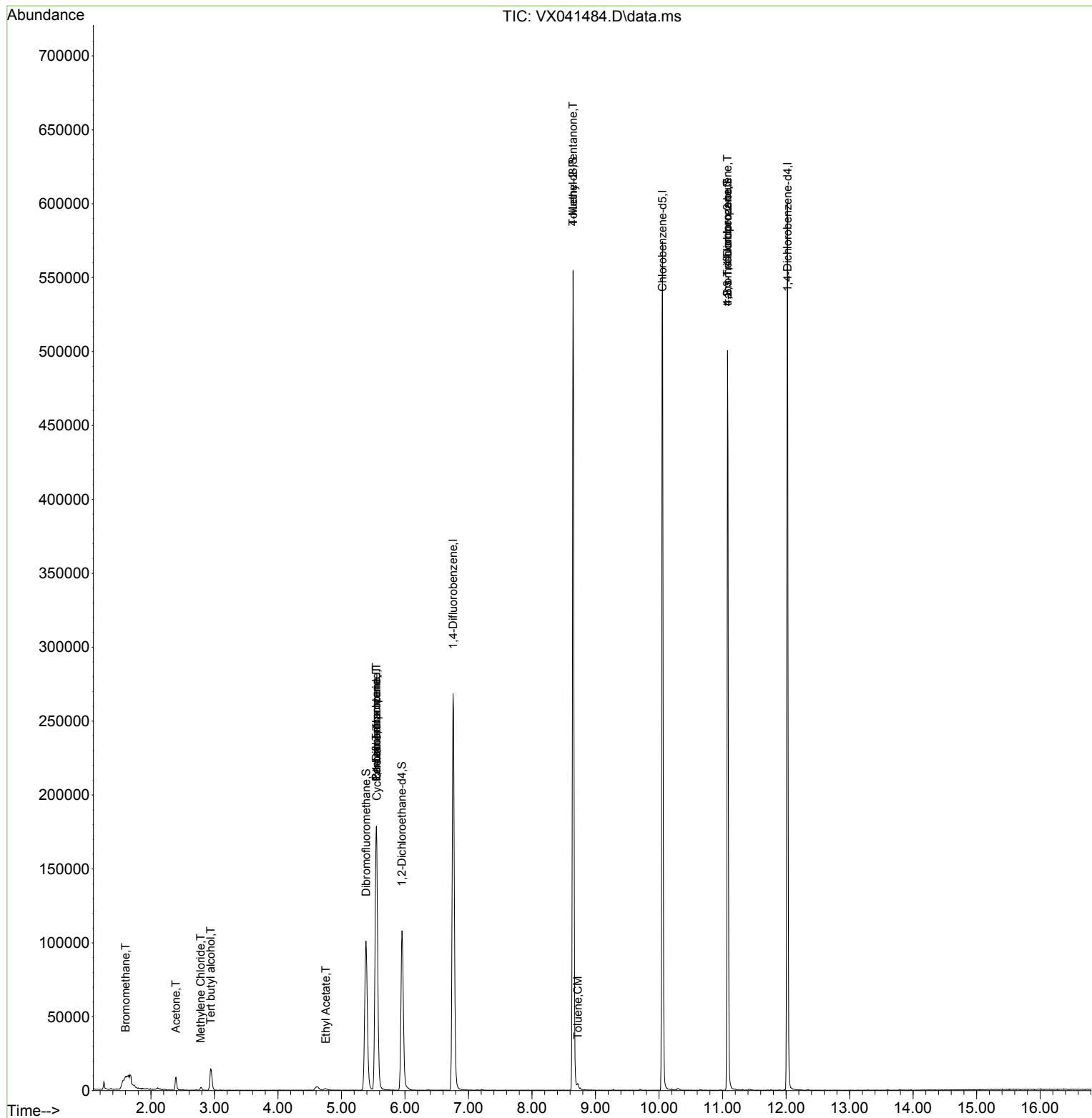
Internal Standards						
1) Pentafluorobenzene	5.550	168	190512	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	285216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107042	51.612	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.220%		
35) Dibromofluoromethane	5.385	113	86916	44.968	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 89.940%		
50) Toluene-d8	8.647	98	326607	53.388	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.780%		
62) 4-Bromofluorobenzene	11.079	95	122282	51.636	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.280%		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	724	0.748	ug/l	93
11) Tert butyl alcohol	2.941	59	9001	21.683	ug/l #	80
16) Acetone	2.392	43	10159	7.326	ug/l	98
20) Methylene Chloride	2.782	84	1032	0.573	ug/l	87
31) Cyclohexane	5.556	56	3449	1.378	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12656	5.476	ug/l #	42
37) Ethyl Acetate	4.751	43	2481	0.860	ug/l #	96
38) Carbon Tetrachloride	5.550	117	17067	6.446	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1468	0.564	ug/l #	1
52) Toluene	8.720	92	1463	0.336	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	62857	27.562	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62857	75.075	ug/l #	5

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

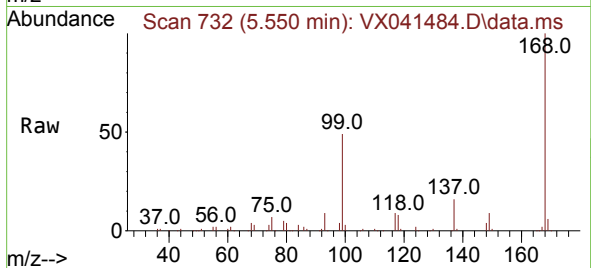
Quant Time: May 14 01:30:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



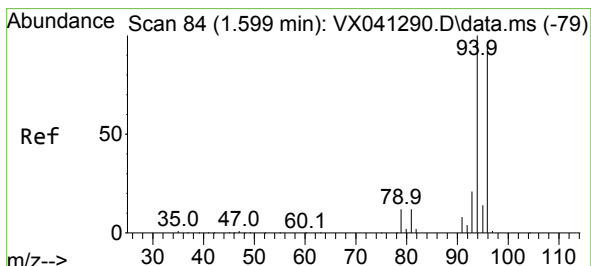
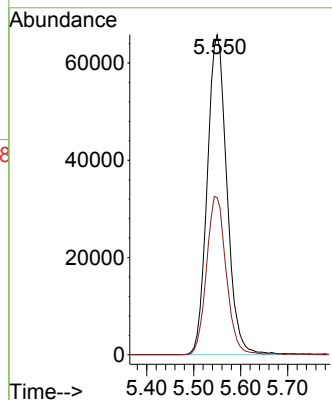
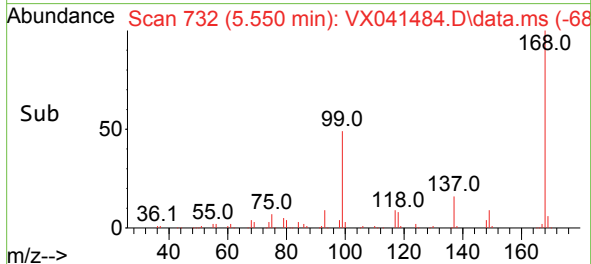


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :

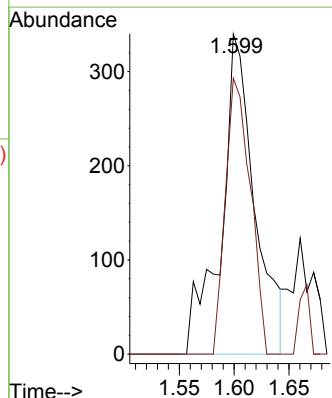
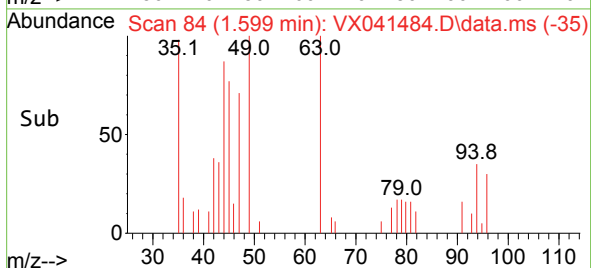
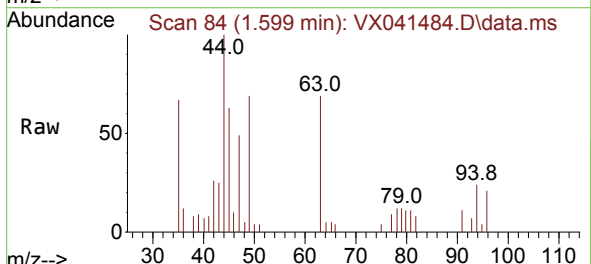


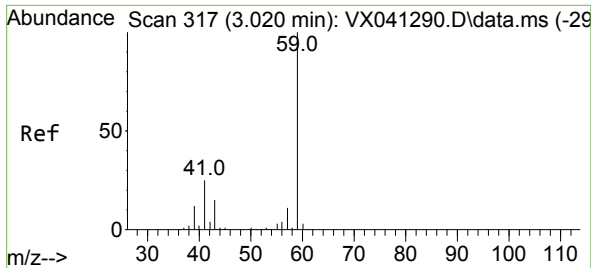
Tgt Ion:168 Resp: 190512
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0#



#5
Bromomethane
Concen: 0.748 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Tgt Ion: 94 Resp: 724
Ion Ratio Lower Upper
94 100
96 86.2 74.6 111.8

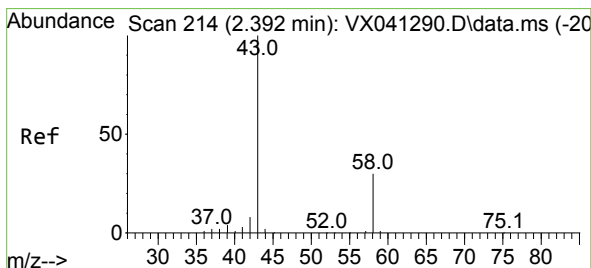
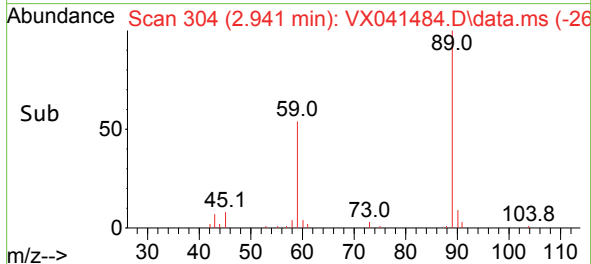
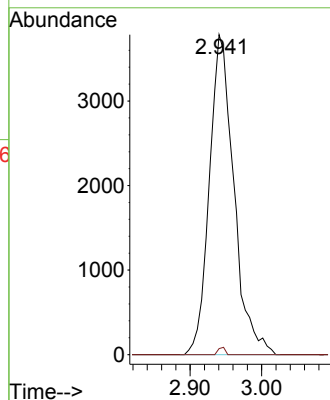
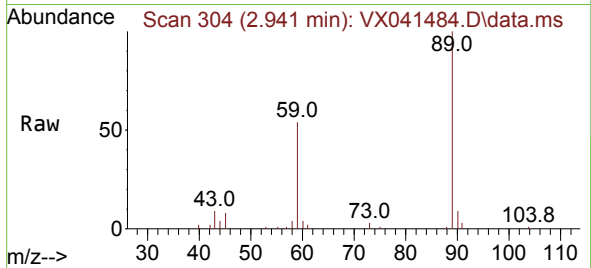




#11
Tert butyl alcohol
Concen: 21.683 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

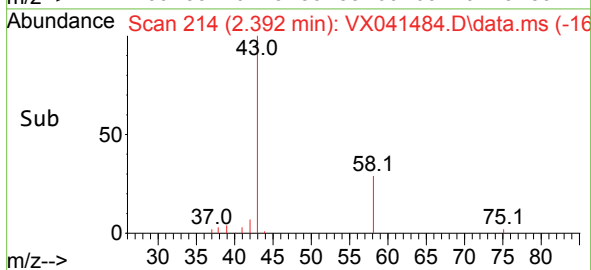
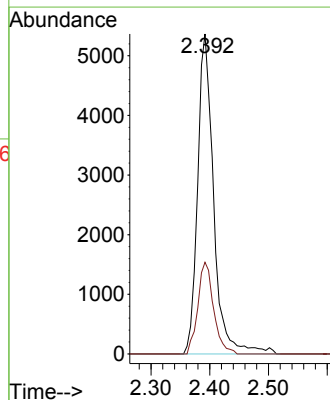
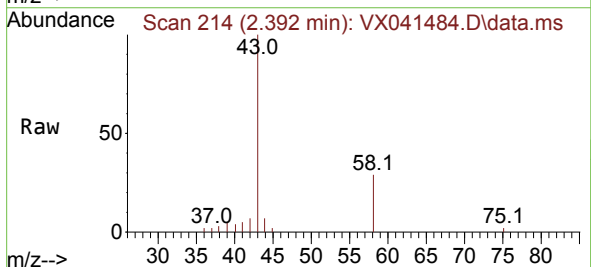
Instrument :
MSVOA_X
ClientSampleId :

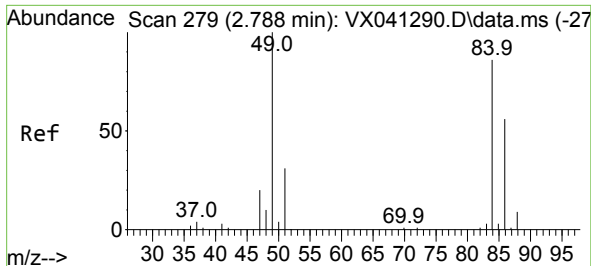
Tgt Ion: 59 Resp: 9001
Ion Ratio Lower Upper
59 100
57 0.6 6.0 9.0#



#16
Acetone
Concen: 7.326 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

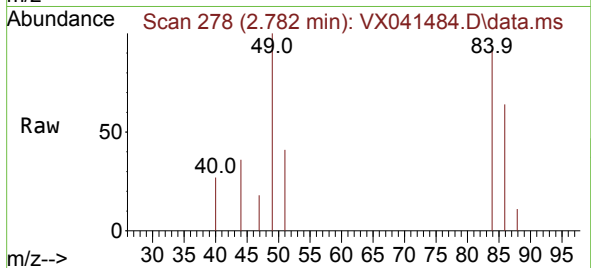
Tgt Ion: 43 Resp: 10159
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



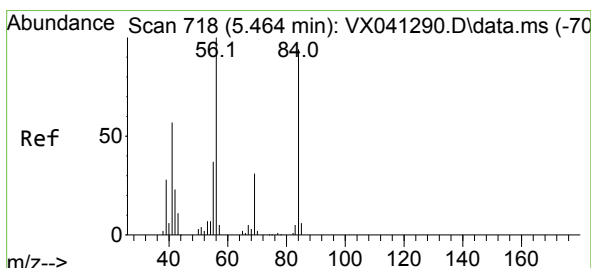
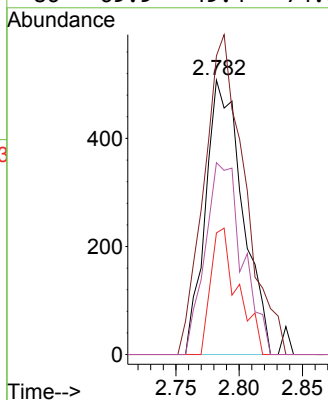
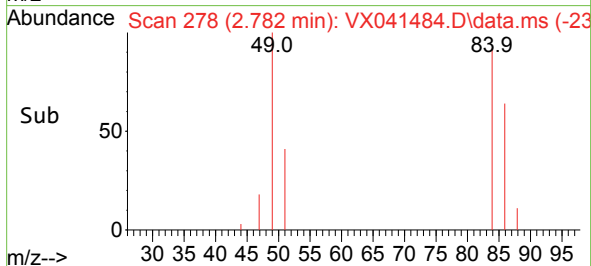


#20
Methylene Chloride
Concen: 0.573 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

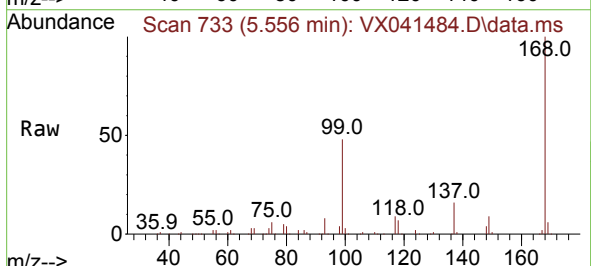
Instrument :
MSVOA_X
ClientSampleId :



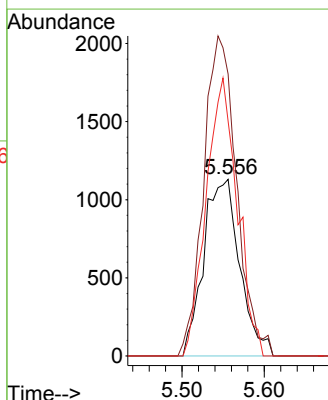
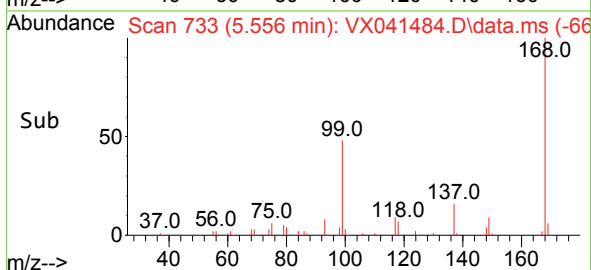
Tgt Ion:	84	Resp:	1032
Ion	Ratio	Lower	Upper
84	100		
49	108.9	103.6	155.4
51	44.3	33.8	50.6
86	69.9	49.4	74.0

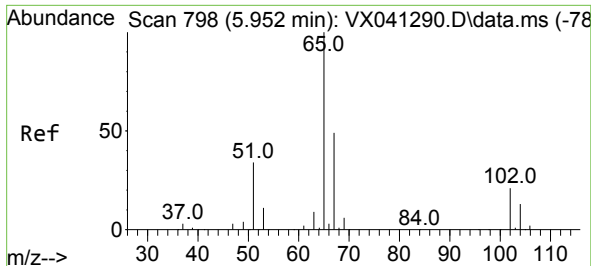


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22



Tgt Ion:	56	Resp:	3449
Ion	Ratio	Lower	Upper
56	100		
69	159.5	23.4	35.2#
84	132.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.612 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041484.D

Acq: 13 May 2024 12:22

Instrument :

MSVOA_X

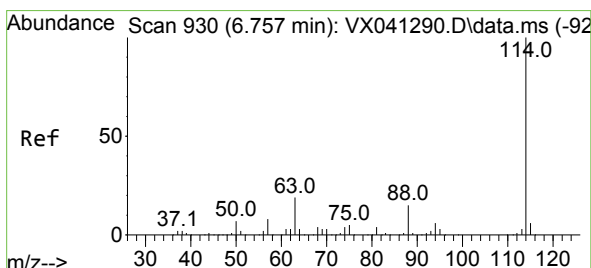
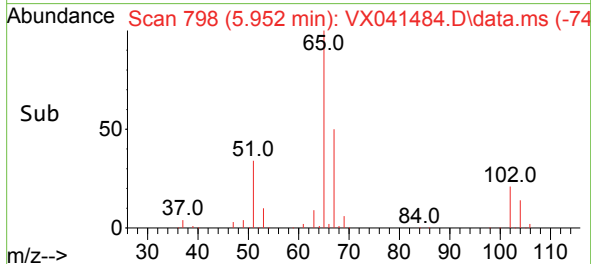
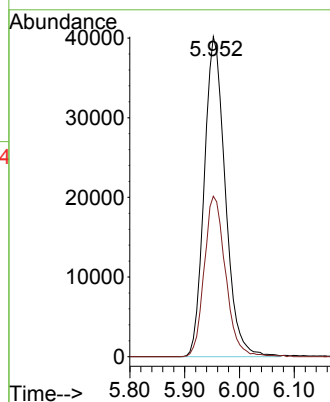
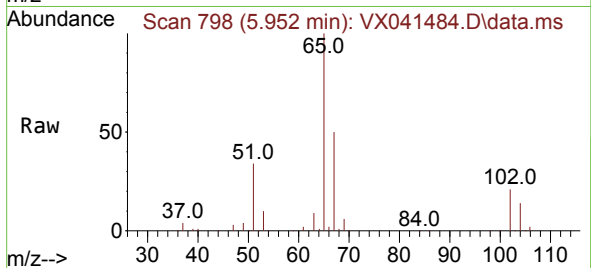
ClientSampleId :

Tgt Ion: 65 Resp: 107042

Ion Ratio Lower Upper

65 100

67 50.9 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: VX041484.D

Acq: 13 May 2024 12:22

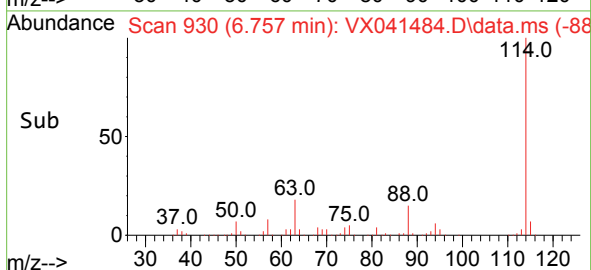
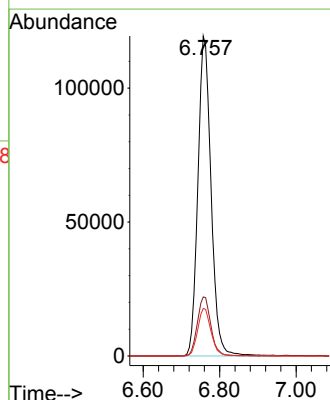
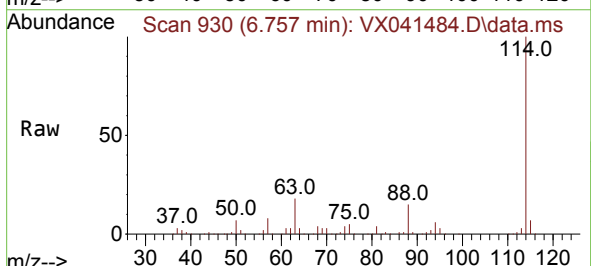
Tgt Ion: 114 Resp: 285216

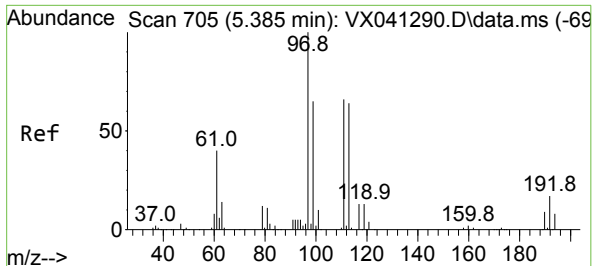
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

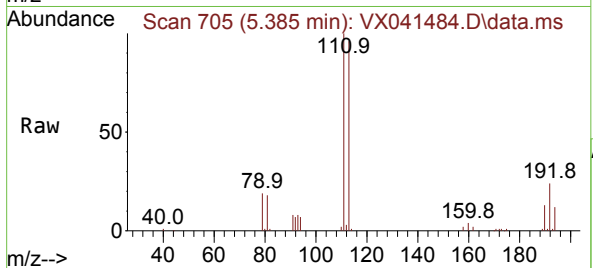
88 14.9 0.0 36.6



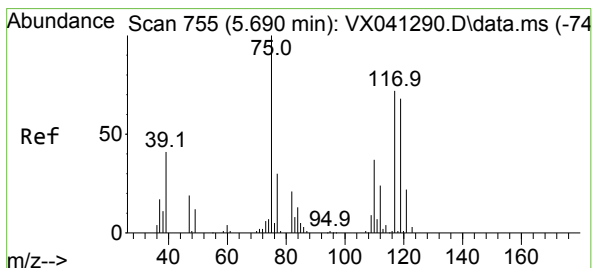
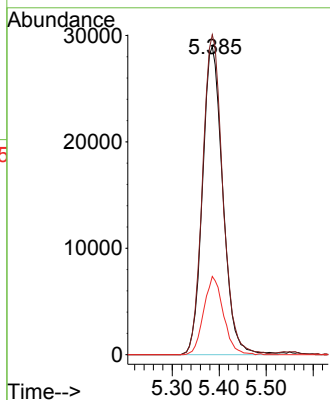
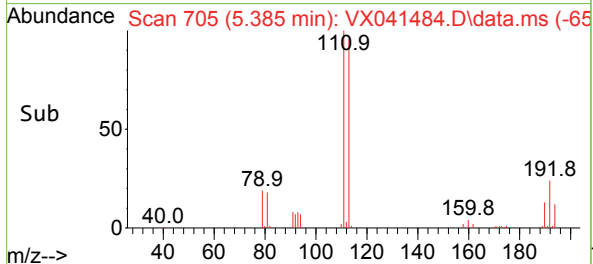


#35
Dibromofluoromethane
Concen: 44.968 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :

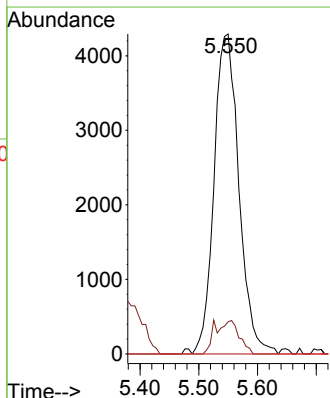
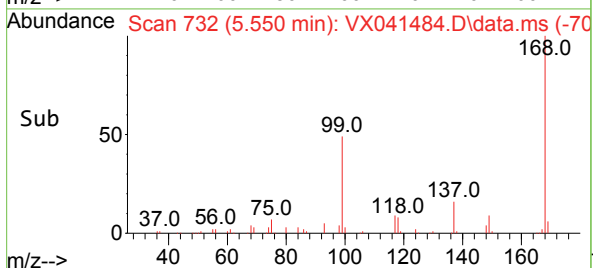
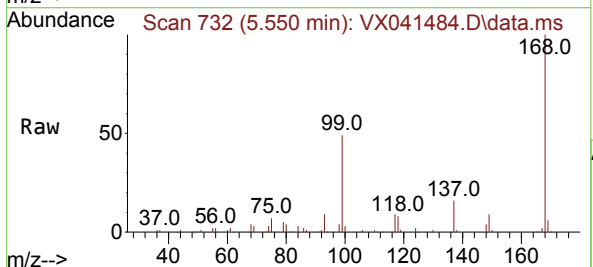


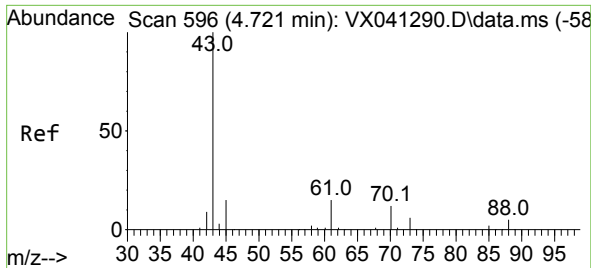
Tgt Ion:113 Resp: 86916
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 24.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.476 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

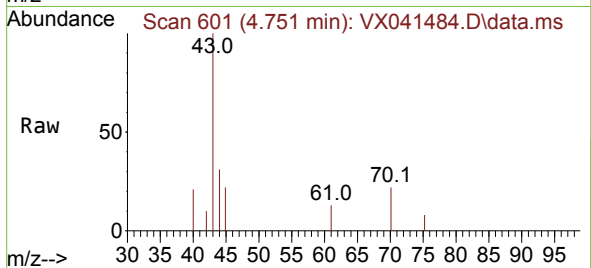
Tgt Ion: 75 Resp: 12656
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#



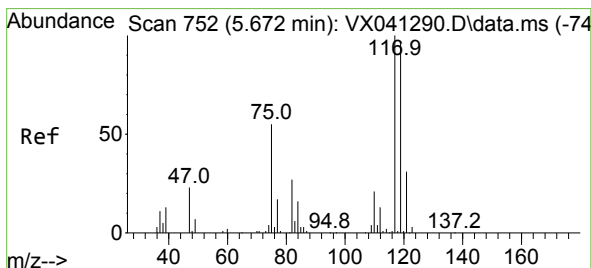
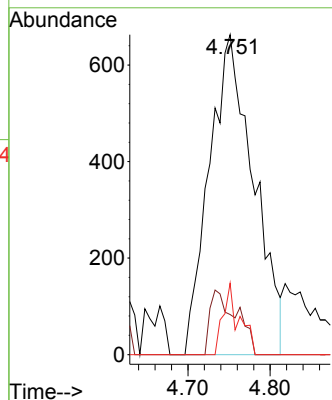
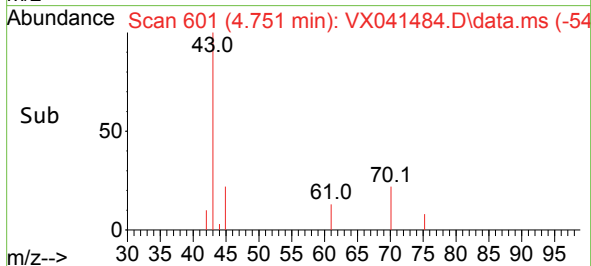


#37
Ethyl Acetate
Concen: 0.860 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :

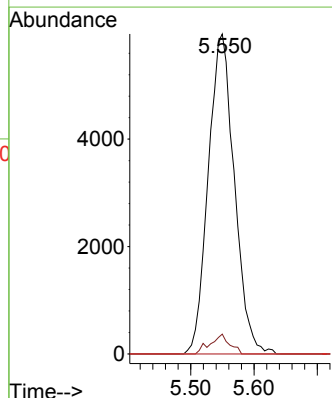
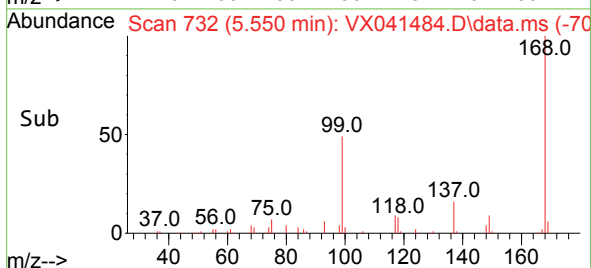
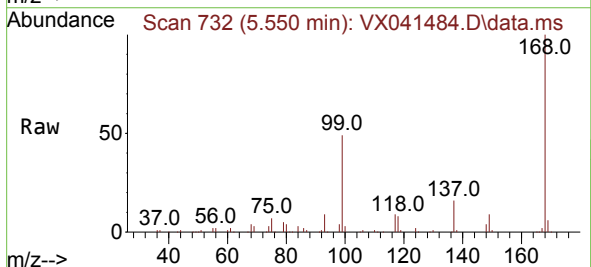


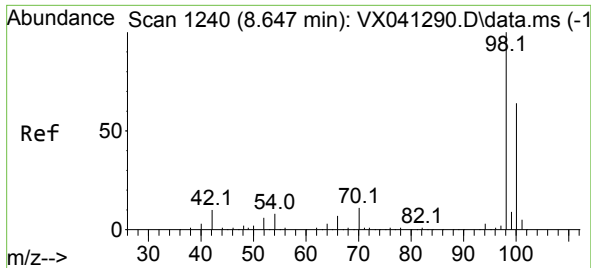
Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
61 12.0 10.6 16.0
70 8.2 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 6.446 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Tgt Ion: 117 Resp: 17067
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#

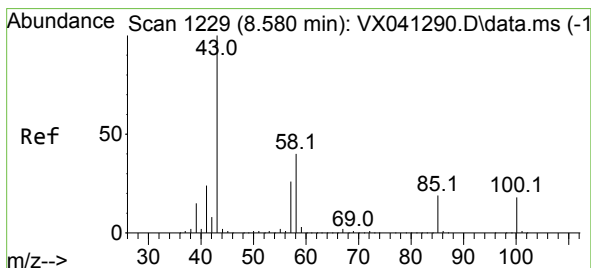
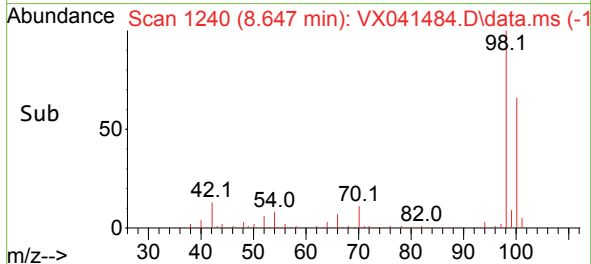
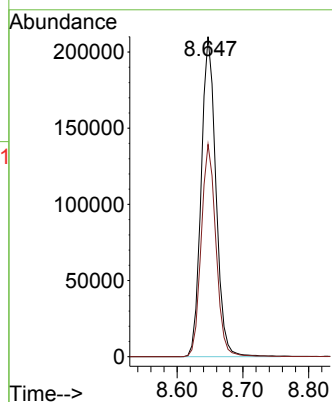
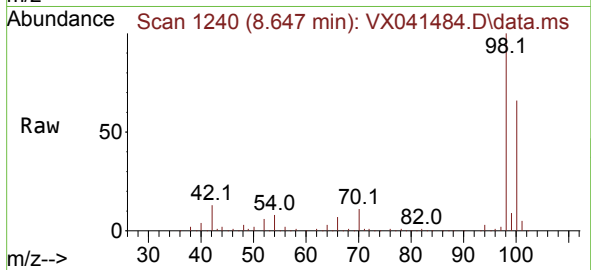




#50
Toluene-d8
Concen: 53.388 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

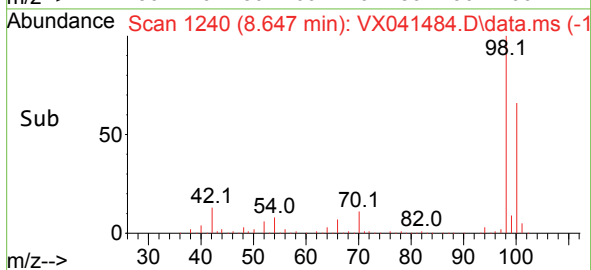
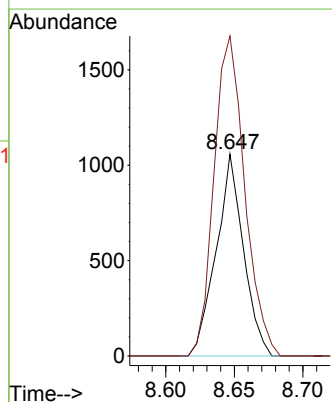
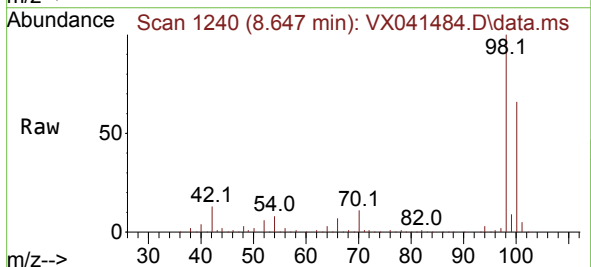
Instrument :
MSVOA_X
ClientSampleId :

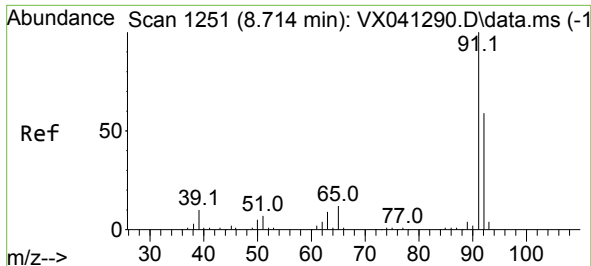
Tgt Ion: 98 Resp: 326607
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
58 178.1 30.4 45.6#

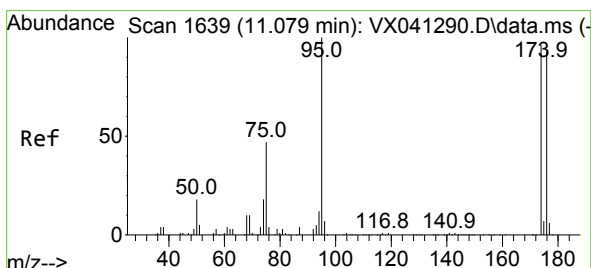
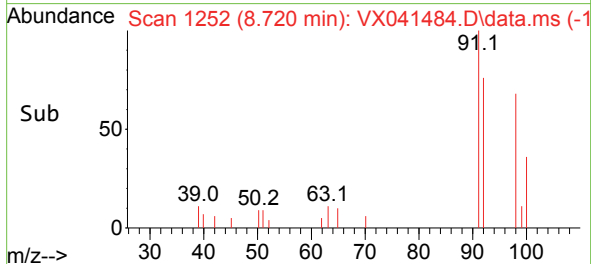
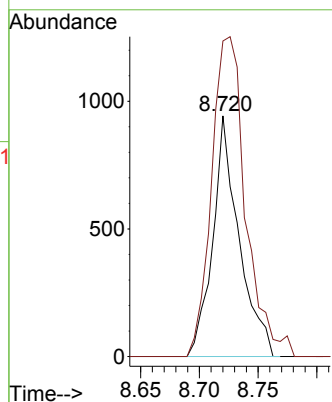
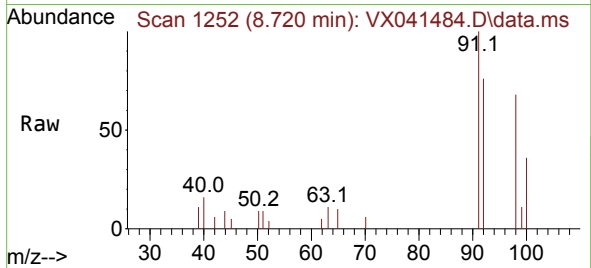




#52
Toluene
Concen: 0.336 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

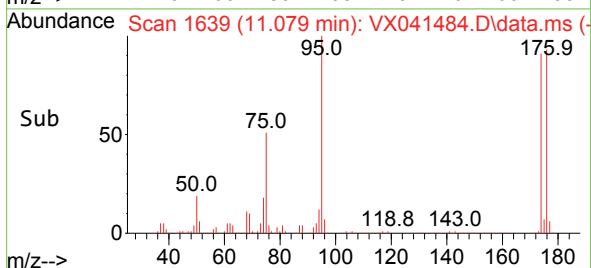
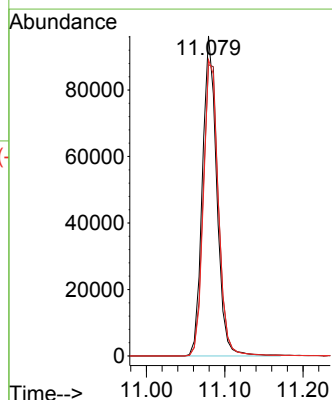
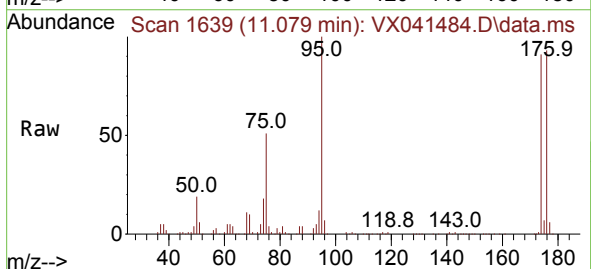
Instrument :
MSVOA_X
ClientSampleId :

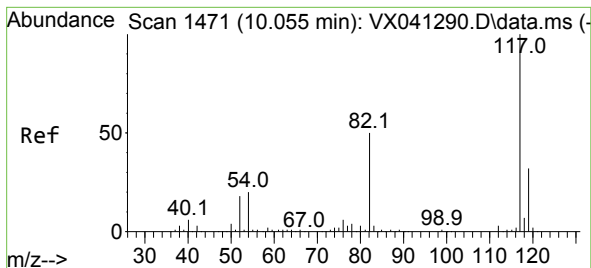
Tgt Ion: 92 Resp: 1463
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Tgt Ion: 95 Resp: 122282
Ion Ratio Lower Upper
95 100
174 97.7 0.0 135.6
176 95.8 0.0 131.0

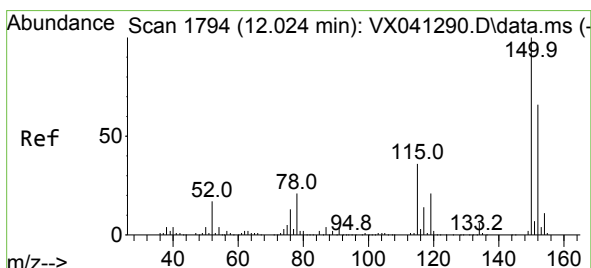
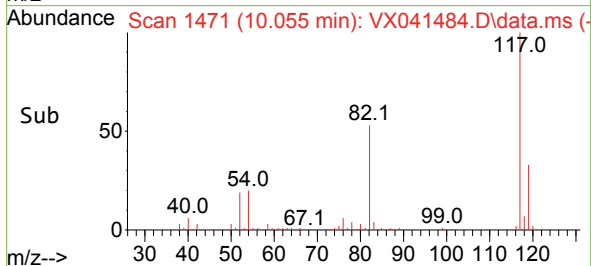
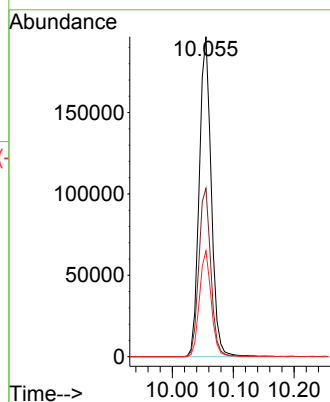
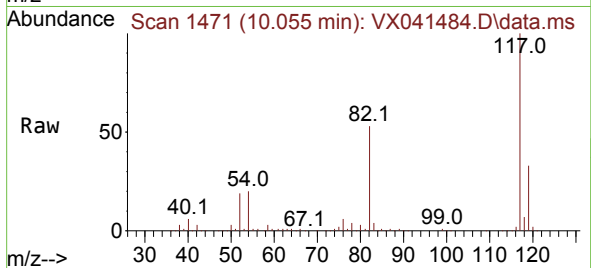




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

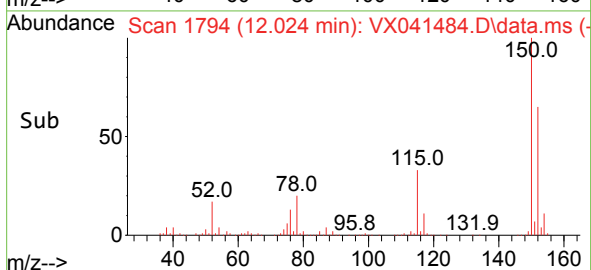
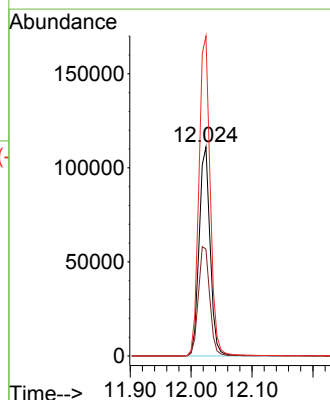
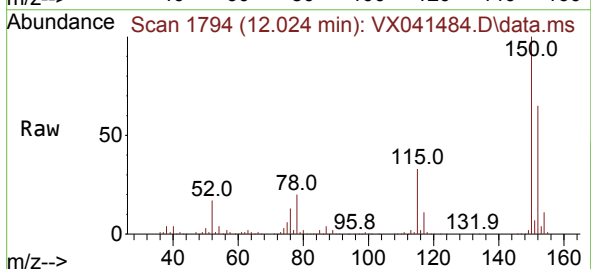
Instrument :
MSVOA_X
ClientSampleId :

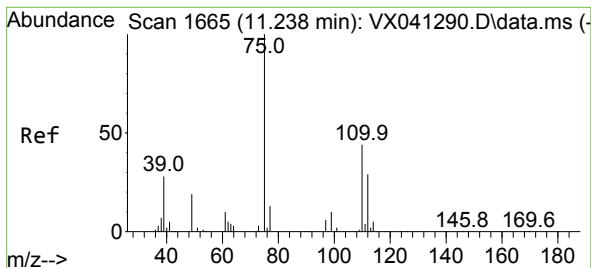
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	46.2	69.4
119	33.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041484.D
Acq: 13 May 2024 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	43.3	129.9
150	155.9	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 27.562 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041484.D

Acq: 13 May 2024 12:22

Instrument :

MSVOA_X

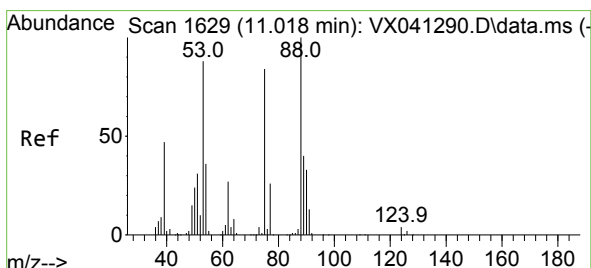
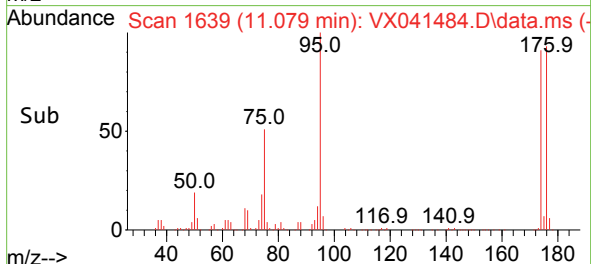
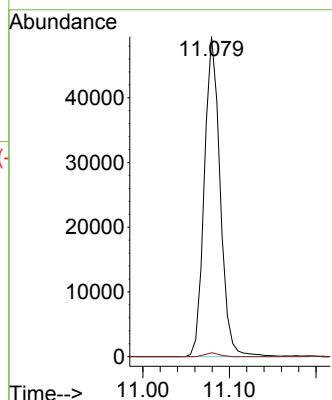
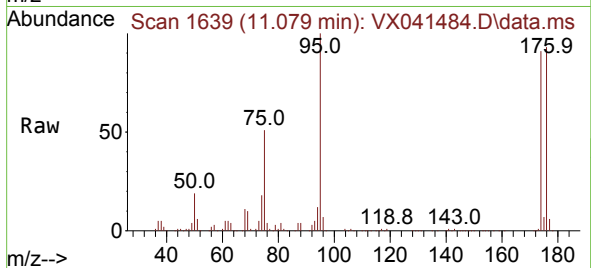
ClientSampleId :

Tgt Ion: 75 Resp: 62857

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.075 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041484.D

Acq: 13 May 2024 12:22

Tgt Ion: 75 Resp: 62857

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

