

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041494.D
 Acq On : 13 May 2024 16:13
 Operator : JC/MD
 Sample : P2440-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:34:17 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)

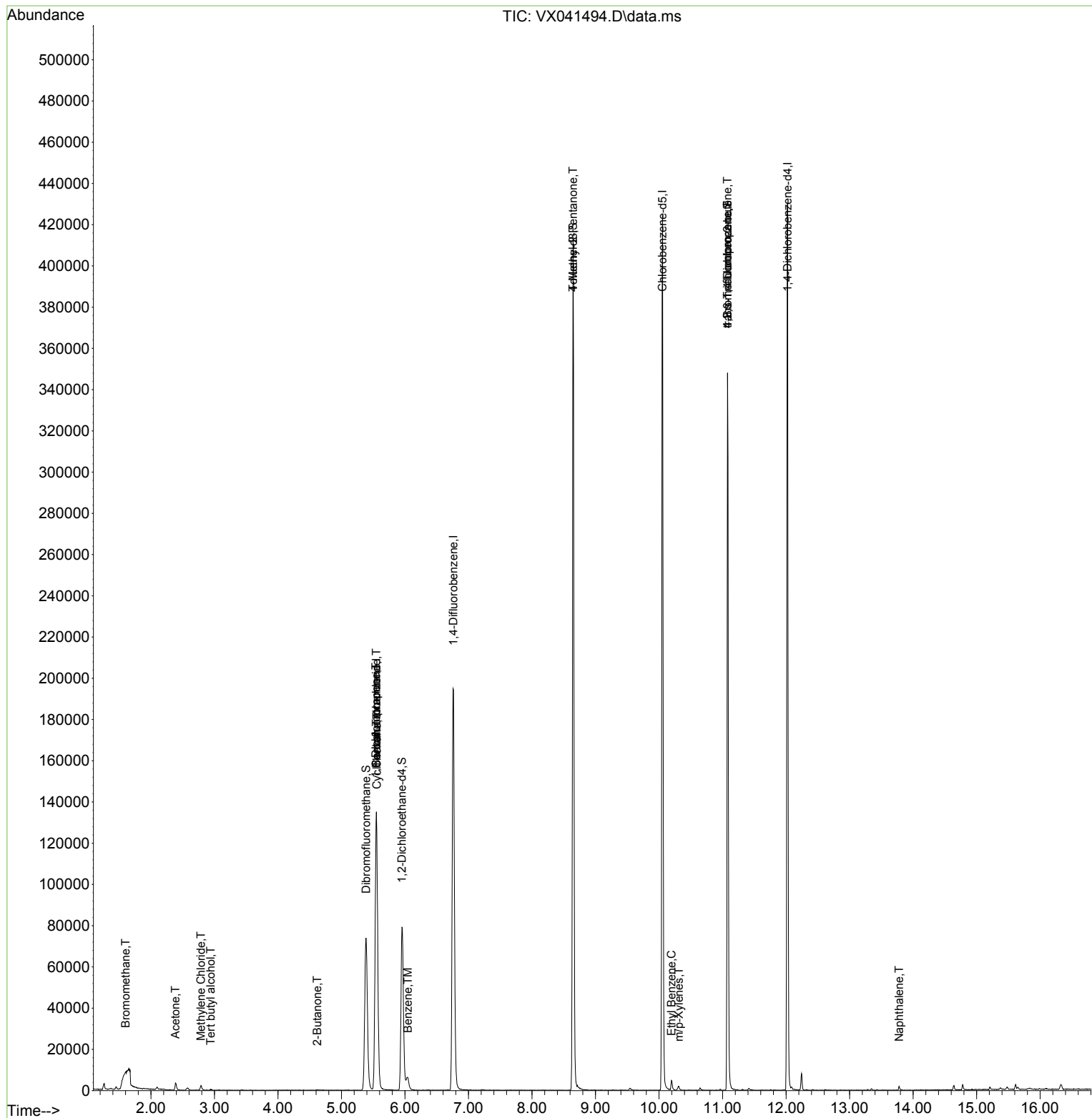
Internal Standards						
1) Pentafluorobenzene	5.550	168	142548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	208859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78992	50.902	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.800%
35) Dibromofluoromethane	5.385	113	64077	45.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	234767	52.406	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.820%
62) 4-Bromofluorobenzene	11.079	95	85503	49.305	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.620%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	313	0.432	ug/l	99
11) Tert butyl alcohol	2.940	59	237	0.763	ug/l	# 78
16) Acetone	2.386	43	4095	2.114	ug/l	94
20) Methylene Chloride	2.788	84	1149	0.853	ug/l	# 94
25) 2-Butanone	4.617	43	289	0.288	ug/l	# 51
31) Cyclohexane	5.556	56	2547	1.360	ug/l	# 26
36) 1,1-Dichloropropene	5.544	75	8895	5.256	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	12584	6.490	ug/l	# 16
40) Benzene	6.043	78	7471	1.432	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1200	0.630	ug/l	# 1
67) Ethyl Benzene	10.195	91	3100	0.469	ug/l	99
68) m/p-Xylenes	10.311	106	569	0.215	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	44185	27.531	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44185	74.991	ug/l	# 5
95) Naphthalene	13.780	128	1764	0.261	ug/l	94

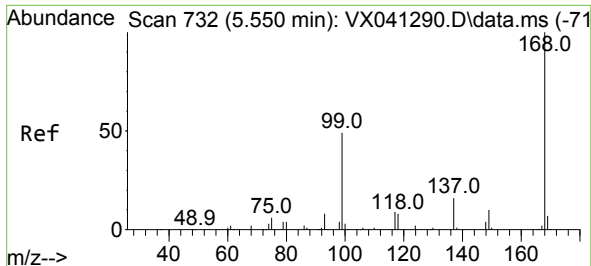
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
Data File : VX041494.D
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Sample : P2440-03
Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :

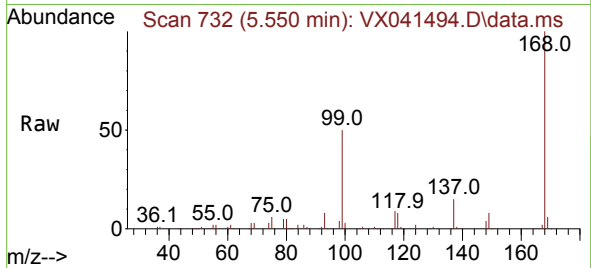
Quant Time: May 14 01:34:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



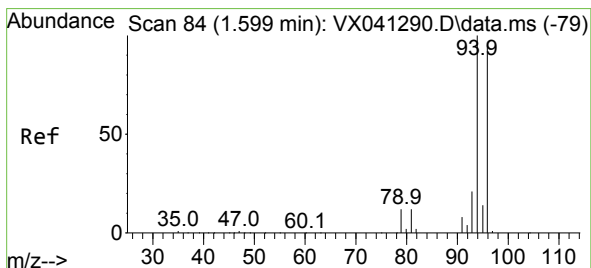
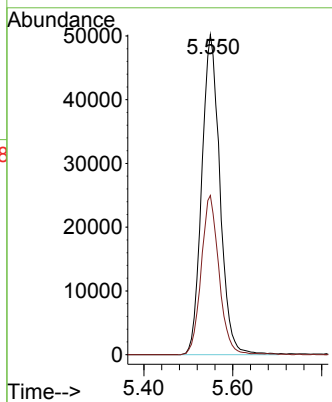
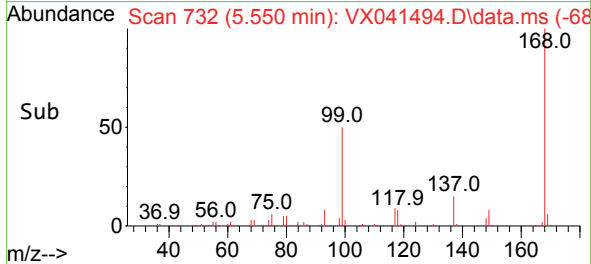


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :

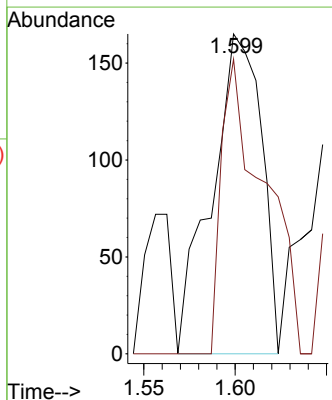
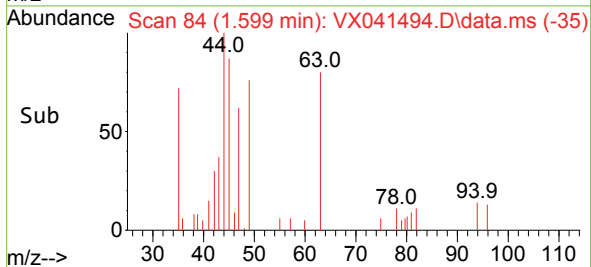
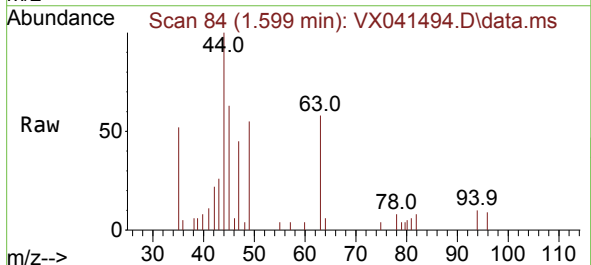


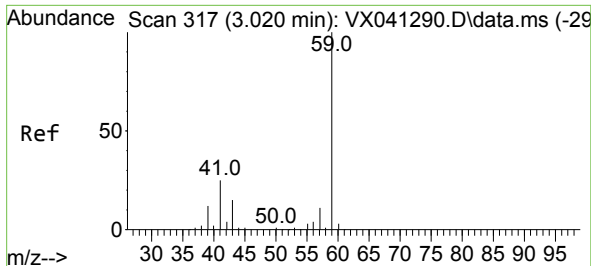
Tgt Ion:168 Resp: 142548
Ion Ratio Lower Upper
168 100
99 49.7 56.6 85.0#



#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 92.1 74.6 111.8





#11

Tert butyl alcohol

Concen: 0.763 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.079 min

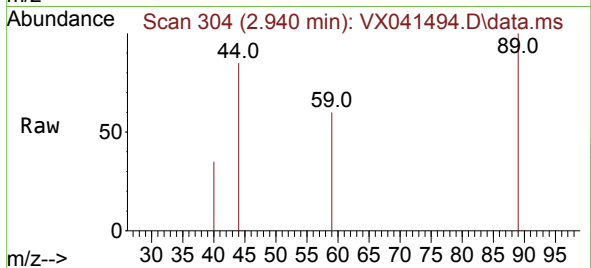
Lab File: VX041494.D

Acq: 13 May 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

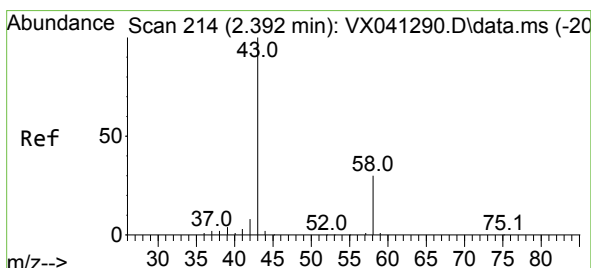
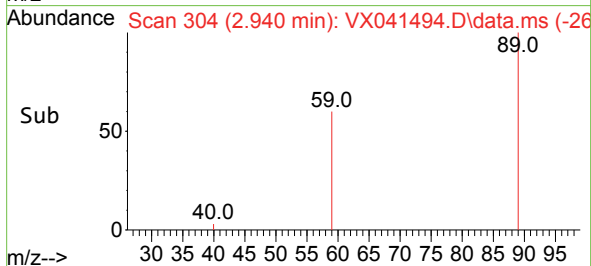
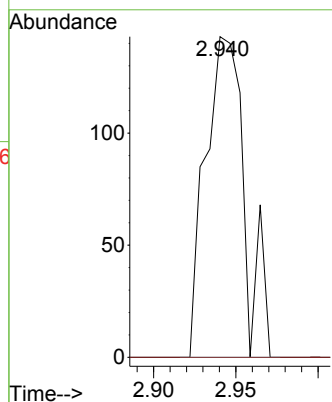


Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.114 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041494.D

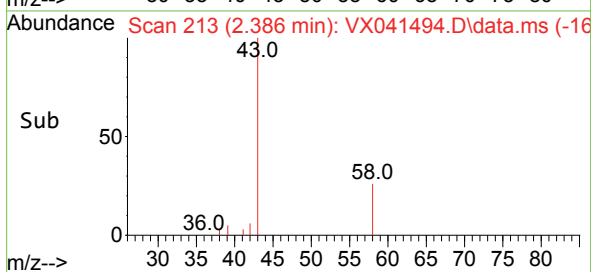
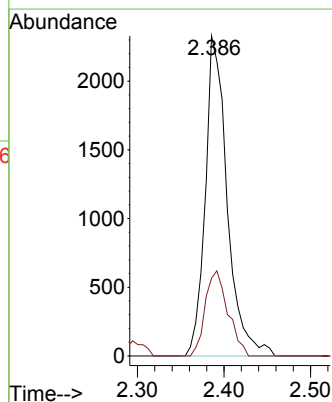
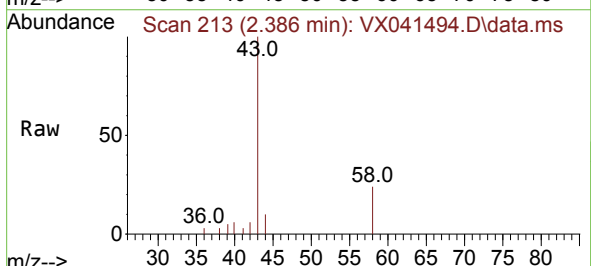
Acq: 13 May 2024 16:13

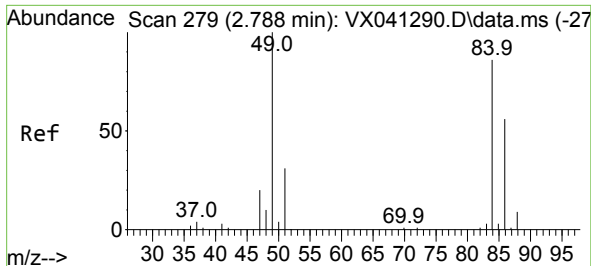
Tgt Ion: 43 Resp: 4095

Ion Ratio Lower Upper

43 100

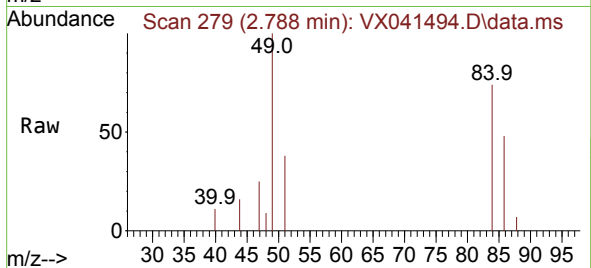
58 24.3 21.9 32.9





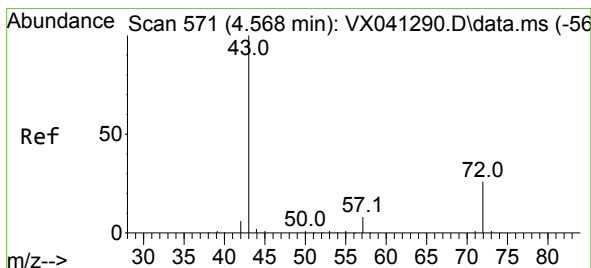
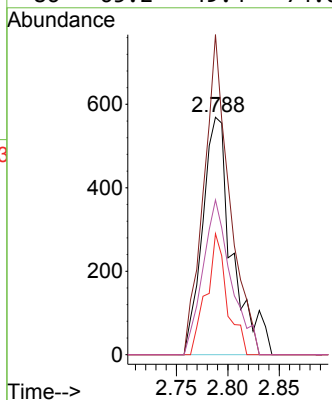
#20
Methylene Chloride
Concen: 0.853 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1149

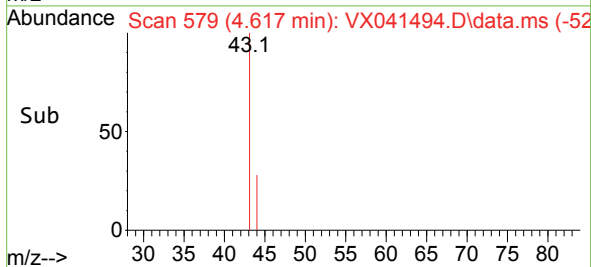
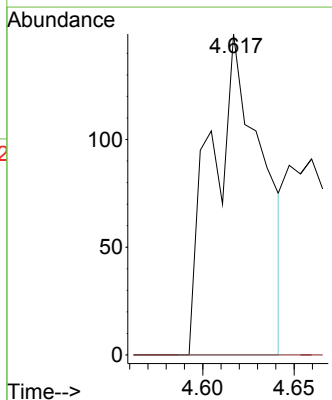
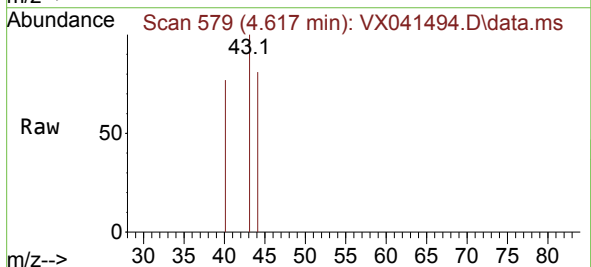
Ion	Ratio	Lower	Upper
84	100		
49	134.8	103.6	155.4
51	51.0	33.8	50.6#
86	65.2	49.4	74.0

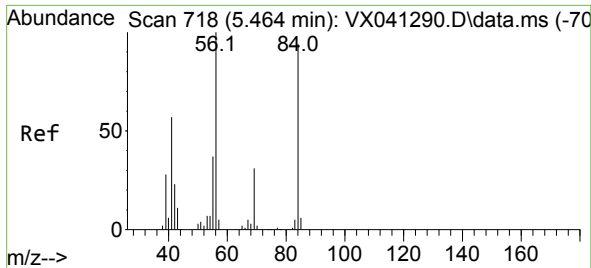


#25
2-Butanone
Concen: 0.288 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.049 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Tgt Ion: 43 Resp: 289

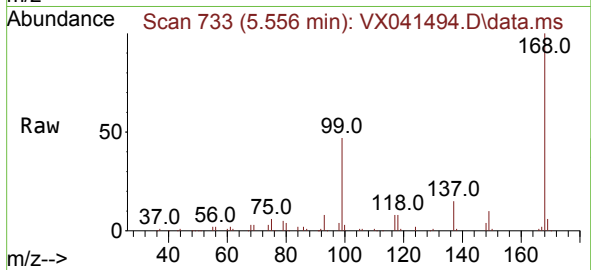
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



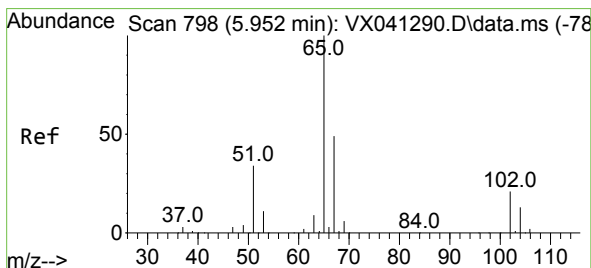
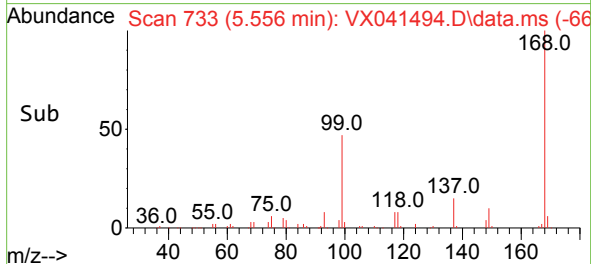
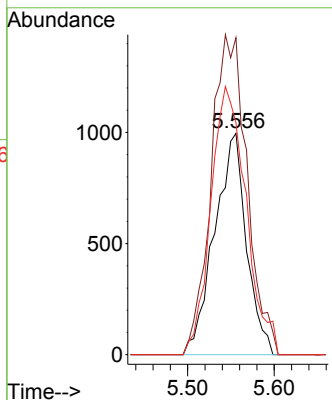


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :

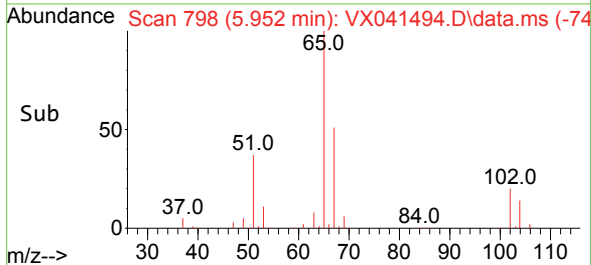
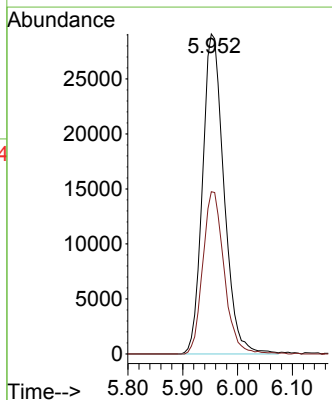
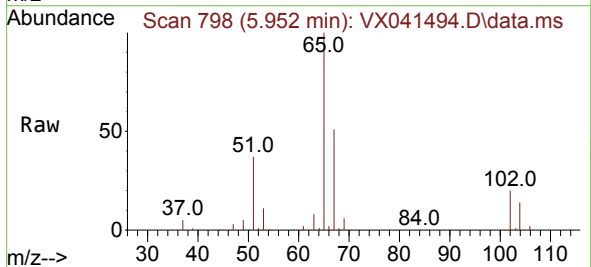


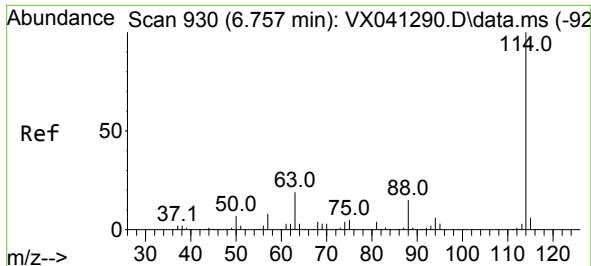
Tgt Ion: 56 Resp: 2547
Ion Ratio Lower Upper
56 100
69 143.2 23.4 35.2#
84 104.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.902 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Tgt Ion: 65 Resp: 78992
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

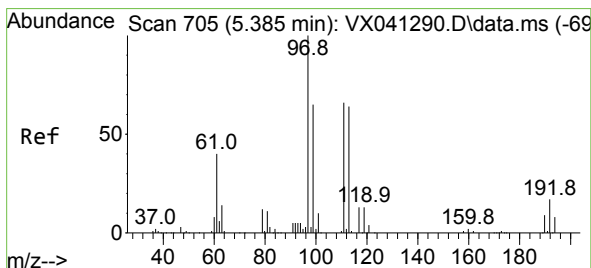
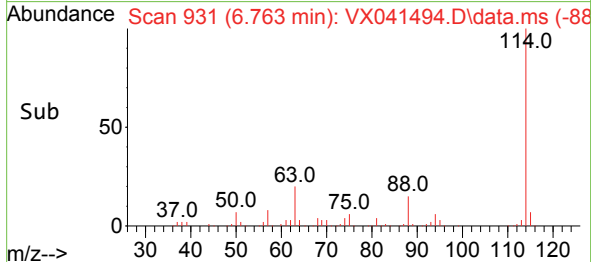
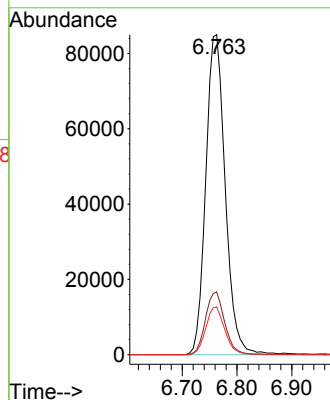
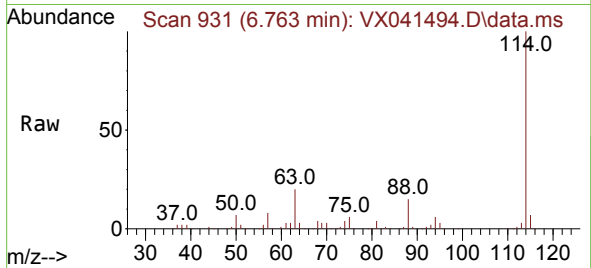




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

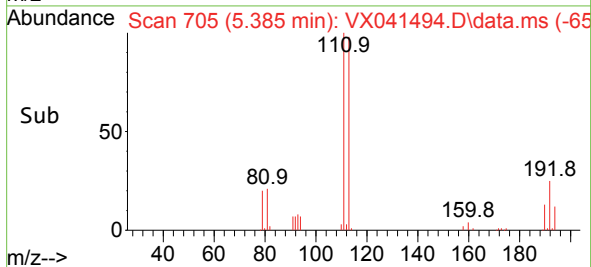
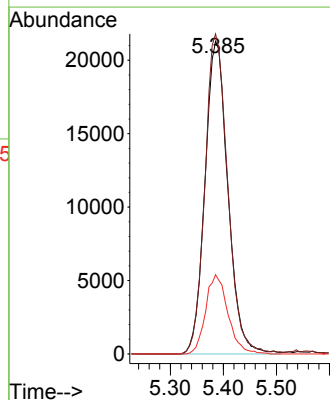
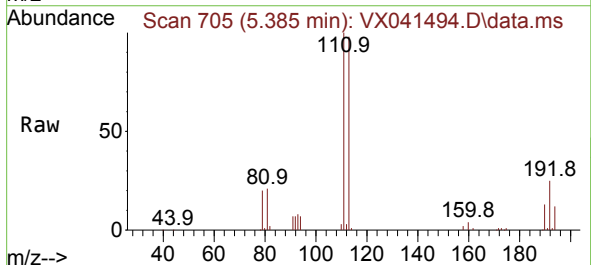
Instrument :
MSVOA_X
ClientSampleId :

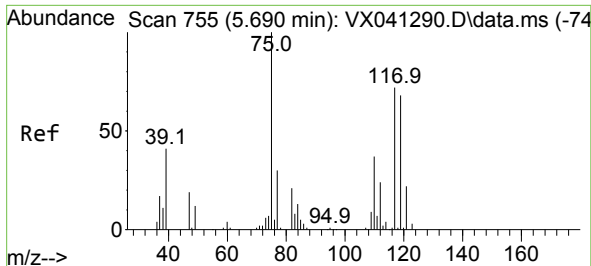
Tgt Ion:114 Resp: 208859
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.272 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Tgt Ion:113 Resp: 64077
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 24.6 13.3 19.9#

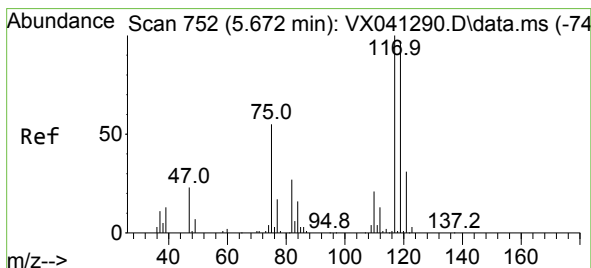
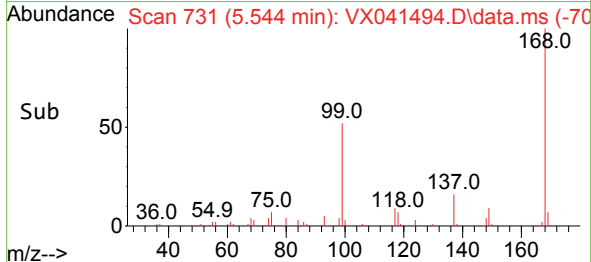
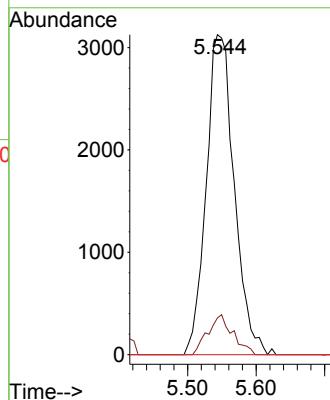
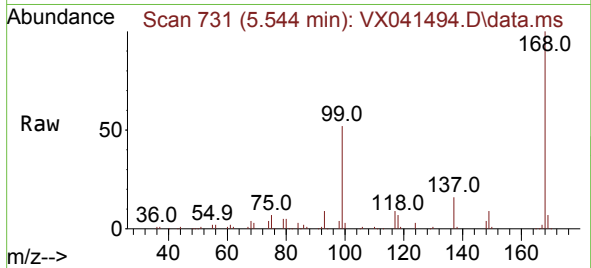




#36
1,1-Dichloropropene
Concen: 5.256 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

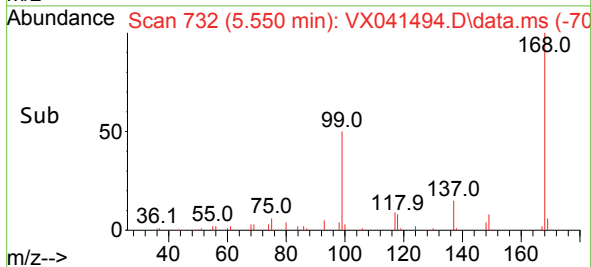
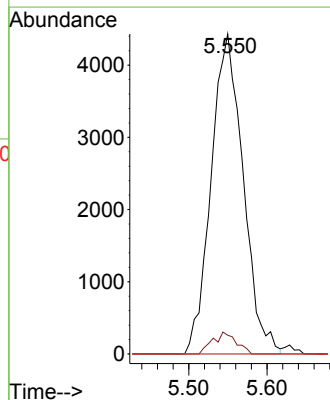
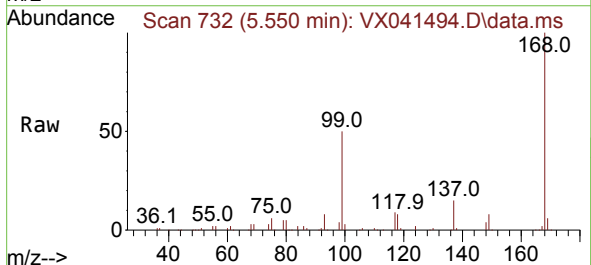
Instrument :
MSVOA_X
ClientSampleId :

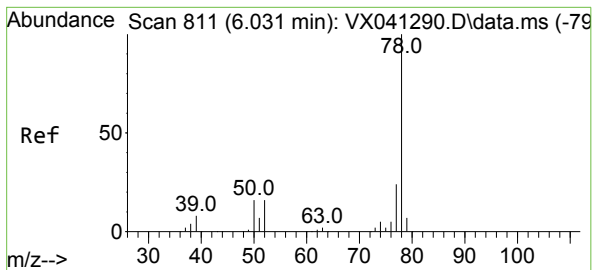
Tgt Ion: 75 Resp: 8895
Ion Ratio Lower Upper
75 100
110 11.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Tgt Ion: 117 Resp: 12584
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 1.432 ug/l

RT: 6.043 min Scan# 811

Delta R.T. 0.012 min

Lab File: VX041494.D

Acq: 13 May 2024 16:13

Instrument :

MSVOA_X

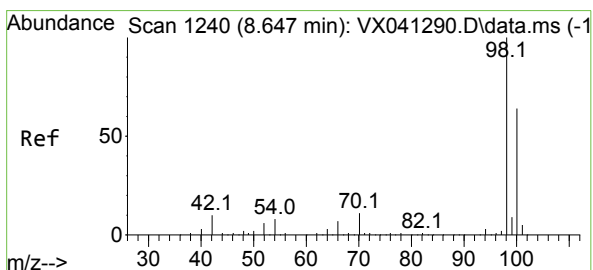
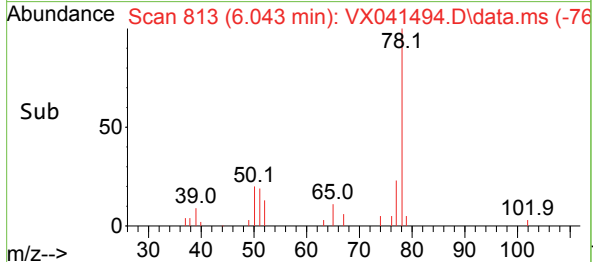
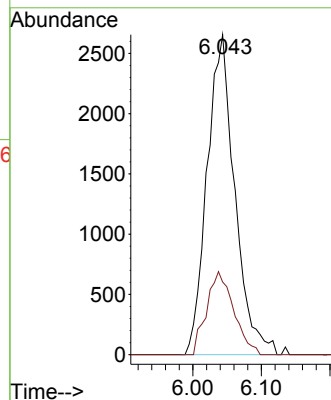
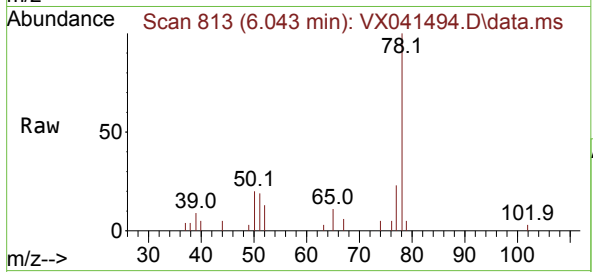
ClientSampleId :

Tgt Ion: 78 Resp: 7471

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9



#50

Toluene-d8

Concen: 52.406 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041494.D

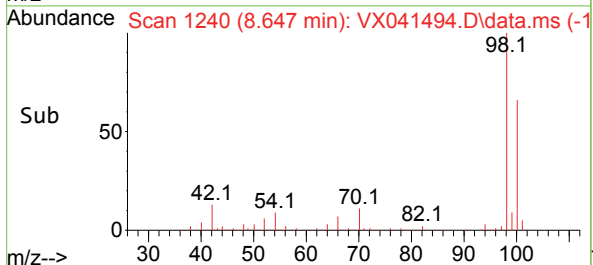
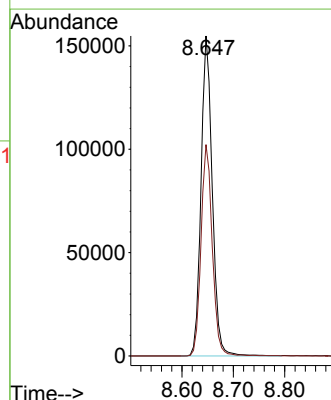
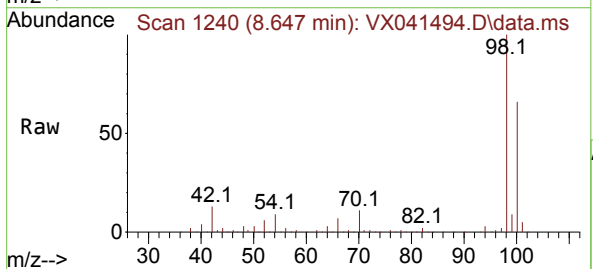
Acq: 13 May 2024 16:13

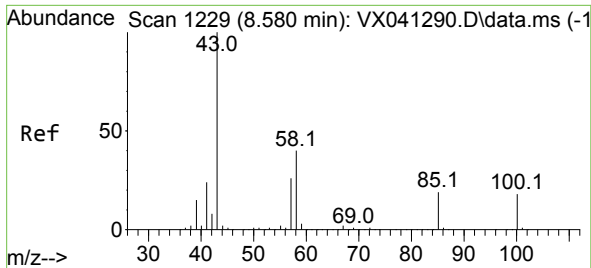
Tgt Ion: 98 Resp: 234767

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7

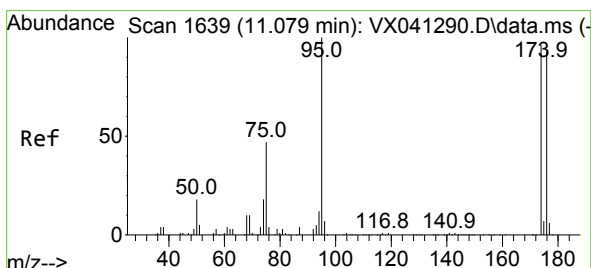
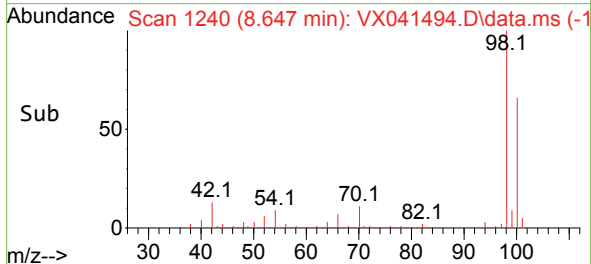
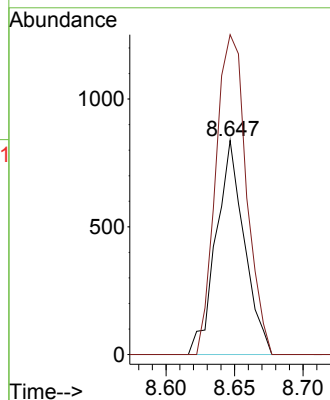
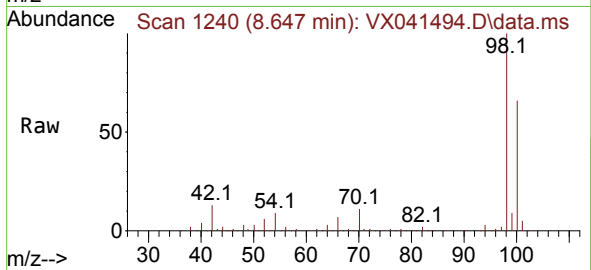




#51
4-Methyl-2-Pentanone
Concen: 0.630 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

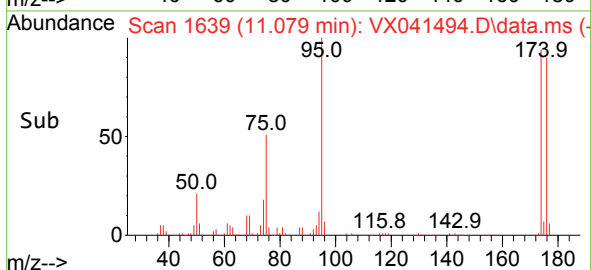
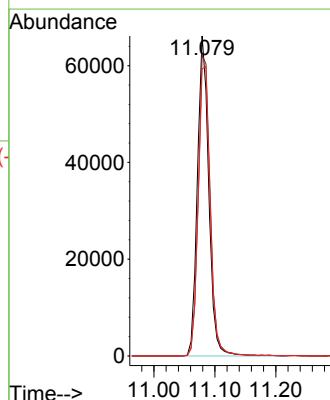
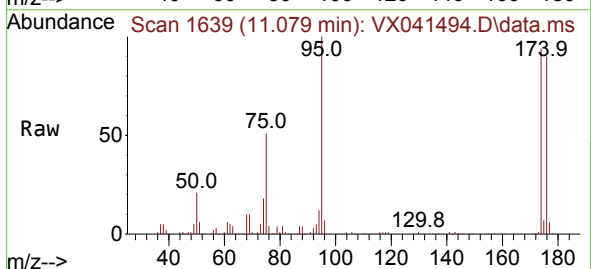
Instrument :
MSVOA_X
ClientSampleId :

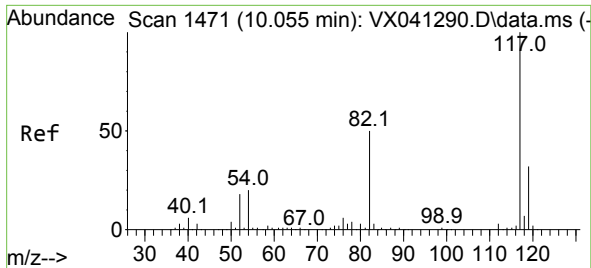
Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 162.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

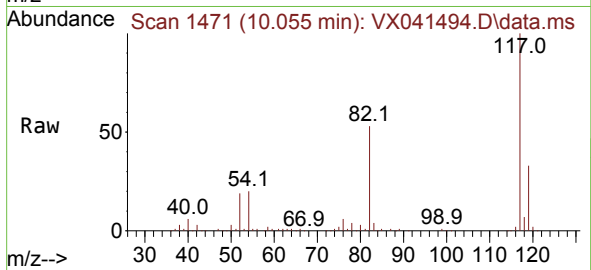
Tgt Ion: 95 Resp: 85503
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 95.4 0.0 131.0



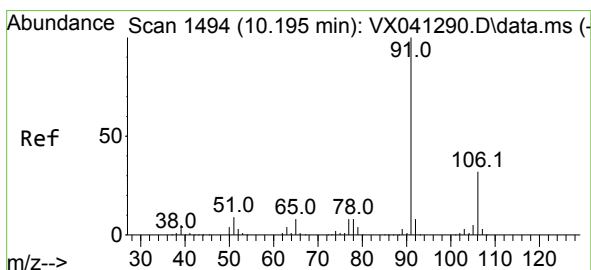
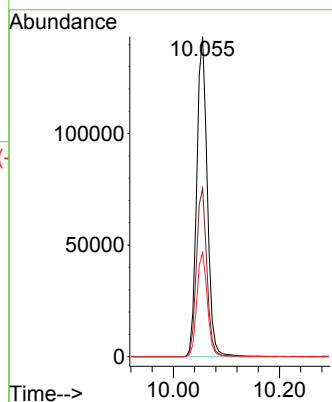
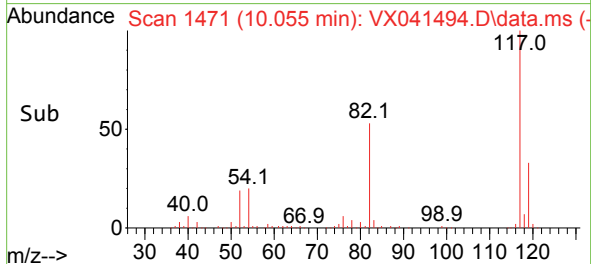


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :

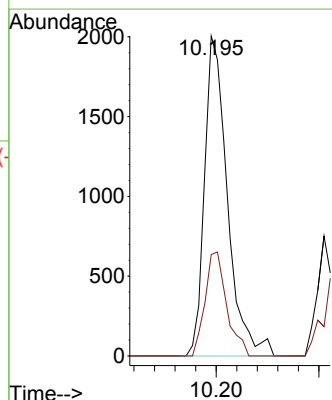
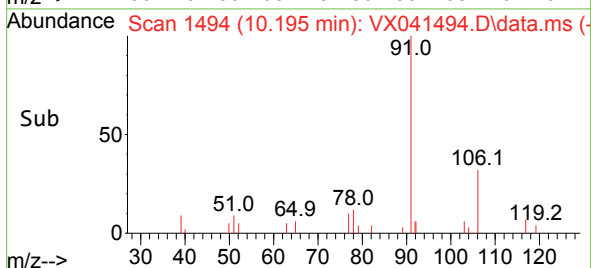
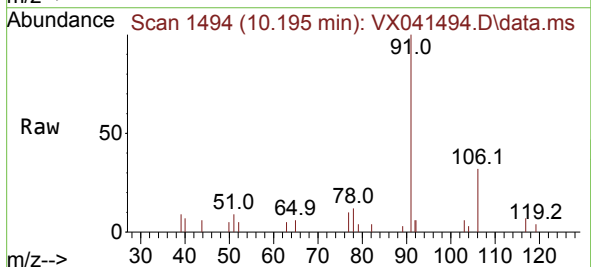


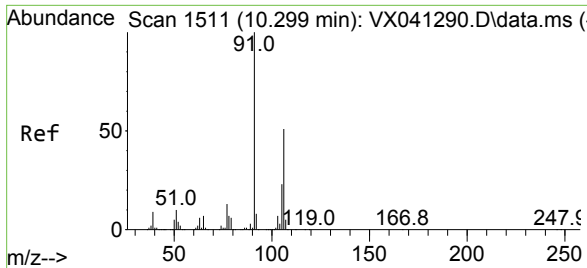
Tgt Ion:117 Resp: 197509
Ion Ratio Lower Upper
117 100
82 52.6 46.2 69.4
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 0.469 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Tgt Ion: 91 Resp: 3100
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

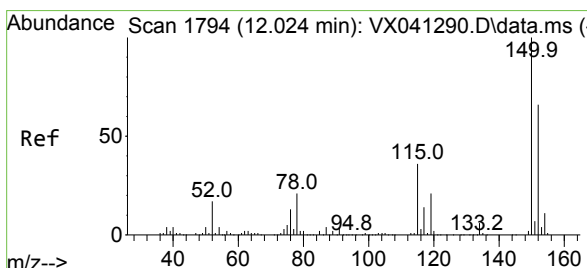
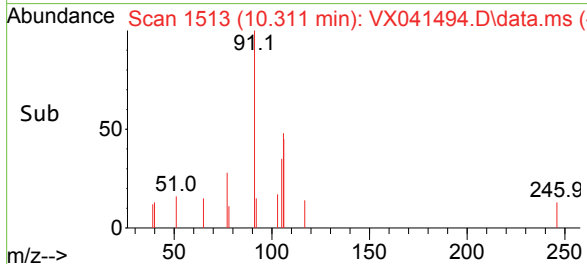
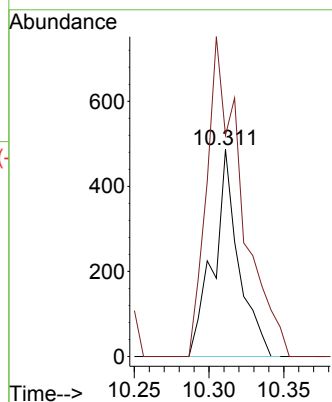
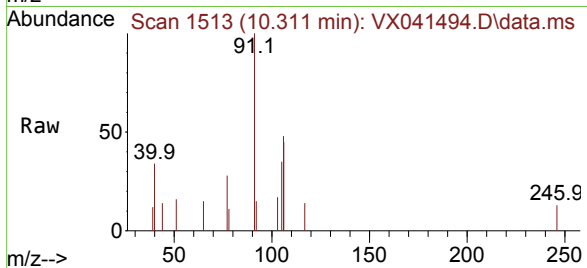




#68
m/p-Xylenes
Concen: 0.215 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

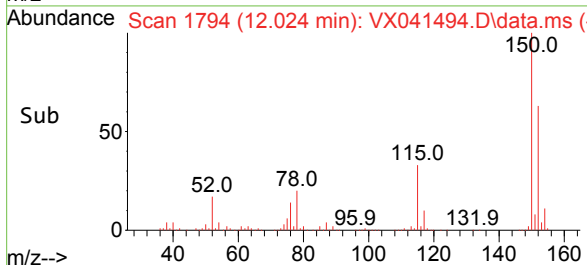
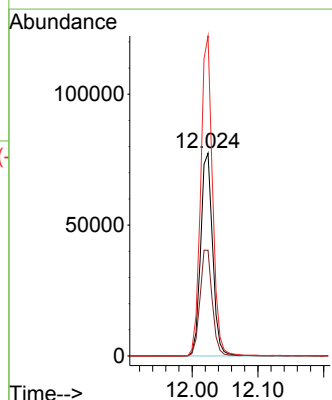
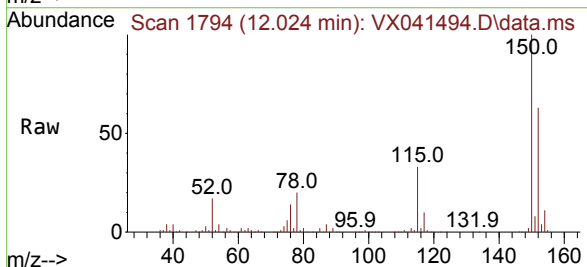
Instrument :
MSVOA_X
ClientSampleId :

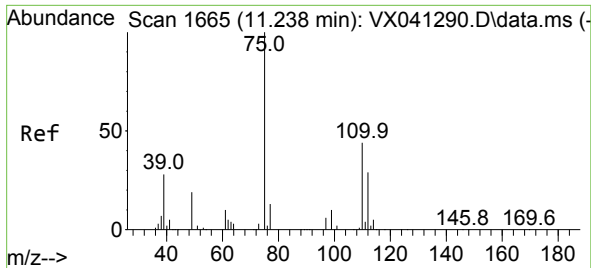
Tgt Ion:106 Resp: 569
Ion Ratio Lower Upper
106 100
91 213.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

Tgt Ion:152 Resp: 98480
Ion Ratio Lower Upper
152 100
115 53.3 43.3 129.9
150 155.8 0.0 345.0

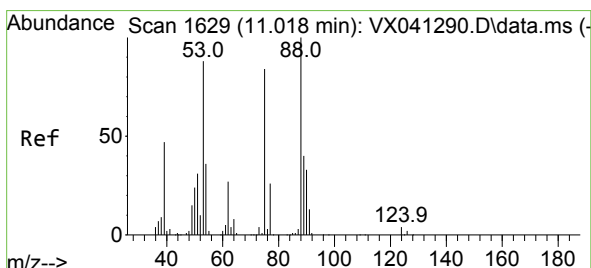
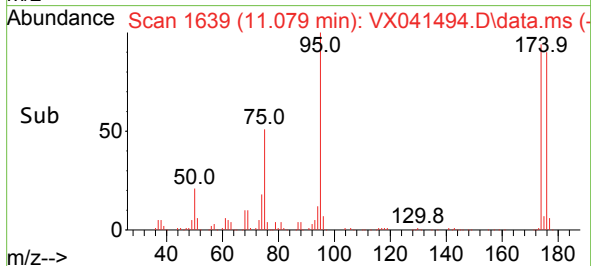
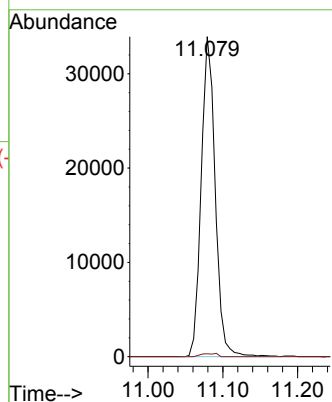
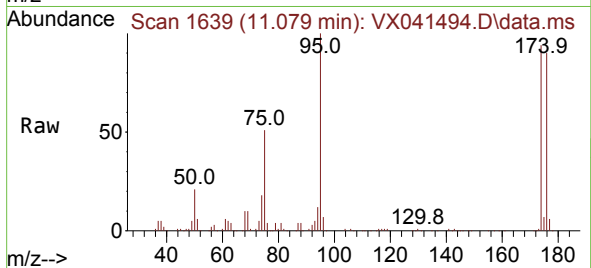




#76
1,2,3-Trichloropropane
Concen: 27.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

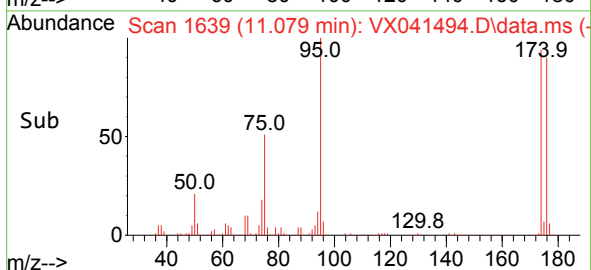
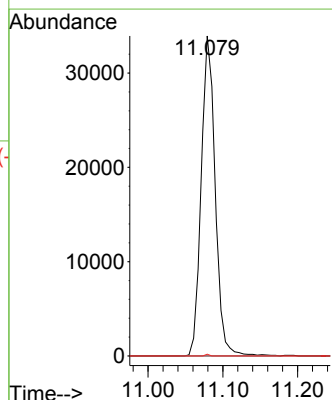
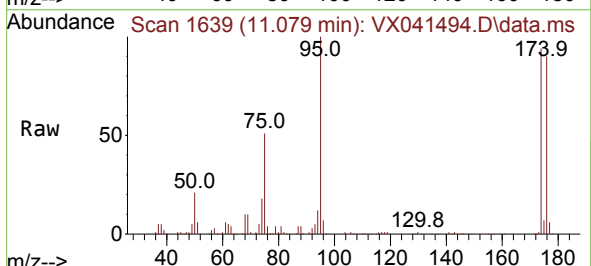
Instrument :
MSVOA_X
ClientSampleId :

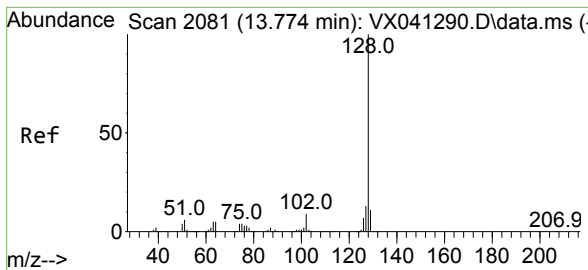
Tgt Ion: 75 Resp: 44185
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041494.D
Acq: 13 May 2024 16:13

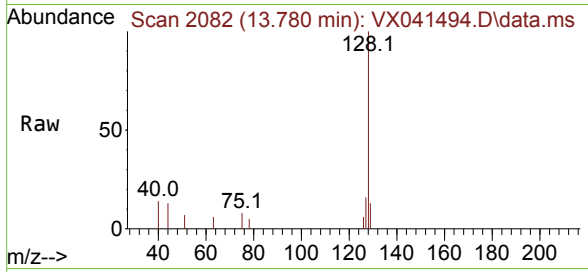
Tgt Ion: 75 Resp: 44185
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#





#95
 Naphthalene
 Concen: 0.261 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX041494.D
 Acq: 13 May 2024 16:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	1764
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.3	15.5
129	9.0	8.8	13.2

