

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041200.D
 Acq On : 22 Apr 2024 19:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 23 05:41:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	244679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	355444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117912	50.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.240%
35) Dibromofluoromethane	5.385	113	112441	52.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	8.647	98	403732	55.346	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.700%
62) 4-Bromofluorobenzene	11.079	95	124901	46.389	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.780%

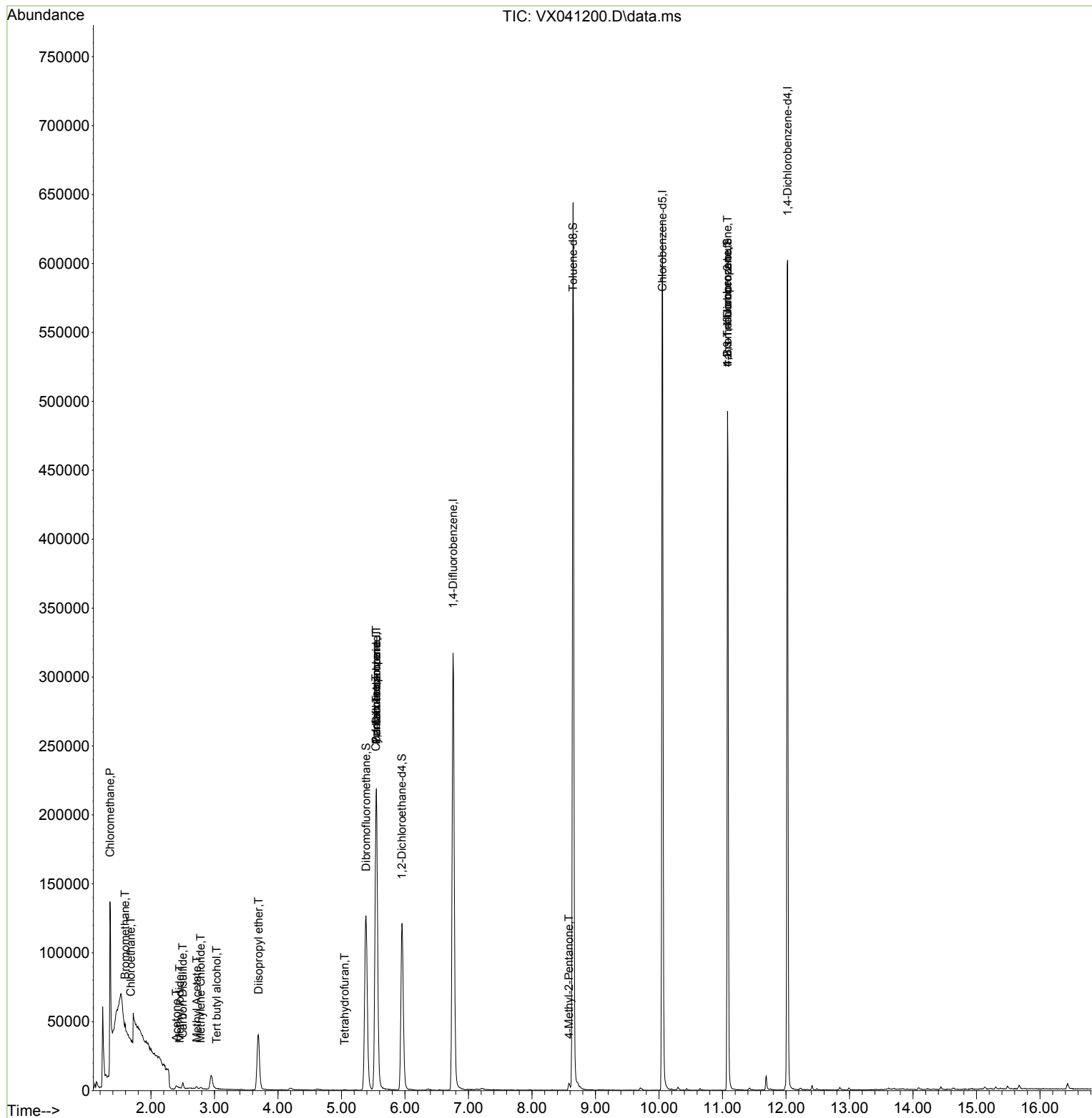
Target Compounds						Qvalue
3) Chloromethane	1.355	50	5655	2.699	ug/l	# 73
5) Bromomethane	1.593	94	732	0.620	ug/l	# 78
6) Chloroethane	1.685	64	190	0.239	ug/l	# 81
10) Methyl Iodide	2.453	142	2044	0.887	ug/l	88
11) Tert butyl alcohol	3.032	59	217	0.520	ug/l	# 78
16) Acetone	2.398	43	3352	3.954	ug/l	# 87
17) Carbon Disulfide	2.502	76	6195	1.663	ug/l	97
18) Methyl Acetate	2.721	43	2314	0.923	ug/l	92
20) Methylene Chloride	2.782	84	627	0.303	ug/l	# 65
22) Diisopropyl ether	3.697	45	1382	0.221	ug/l	# 1
29) Tetrahydrofuran	5.050	42	198	0.201	ug/l	# 34
31) Cyclohexane	5.544	56	3614	1.153	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	13894	5.022	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	19845	6.422	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.580	43	4003	1.308	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	62677	27.998	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	62677	78.991	ug/l	# 5

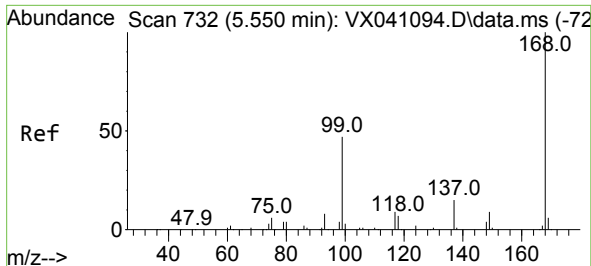
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
Data File : VX041200.D
Acq On : 22 Apr 2024 19:15
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Apr 23 05:41:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

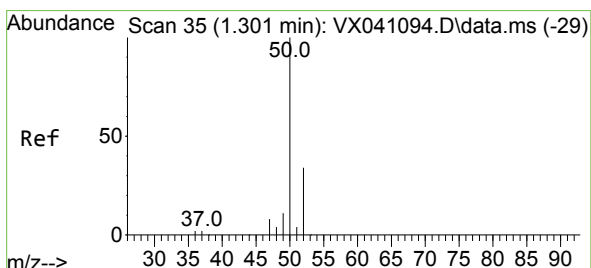
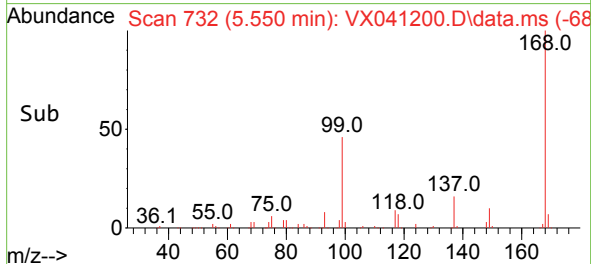
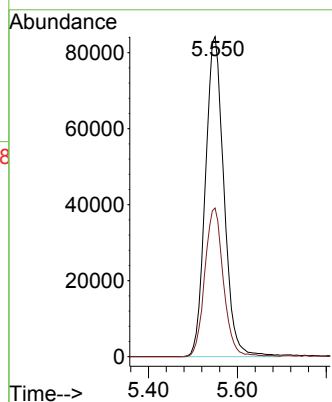
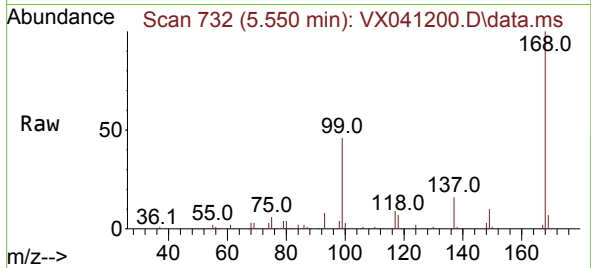




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

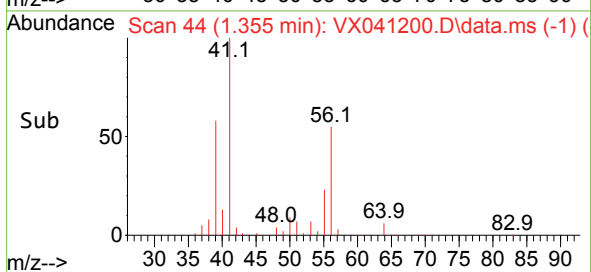
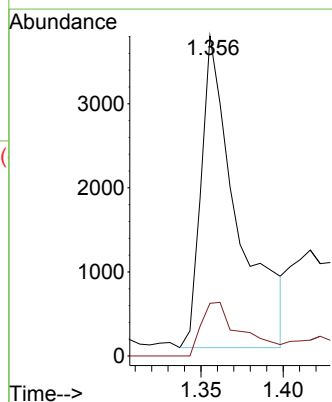
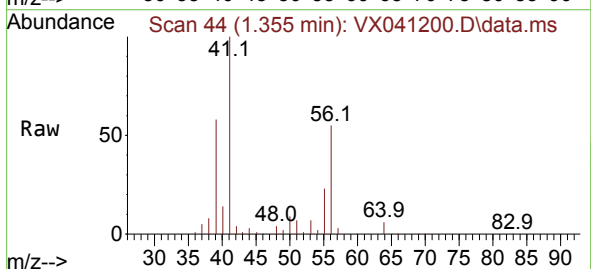
Instrument :
MSVOA_X
ClientSampleId :
IBLK

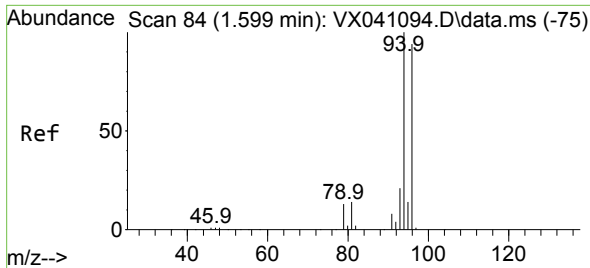
Tgt Ion:168 Resp: 244679
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#3
Chloromethane
Concen: 2.699 ug/l
RT: 1.355 min Scan# 44
Delta R.T. 0.055 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion: 50 Resp: 5655
Ion Ratio Lower Upper
50 100
52 16.9 25.5 38.3#

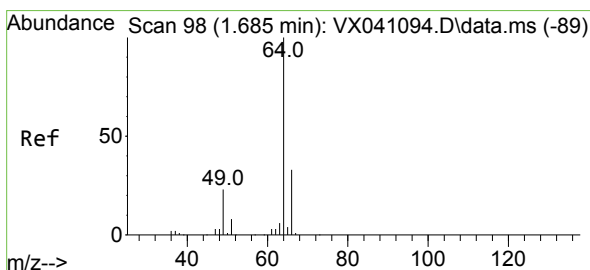
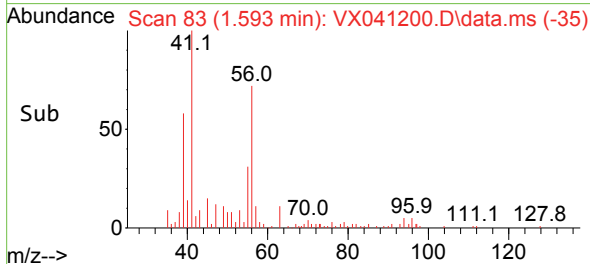
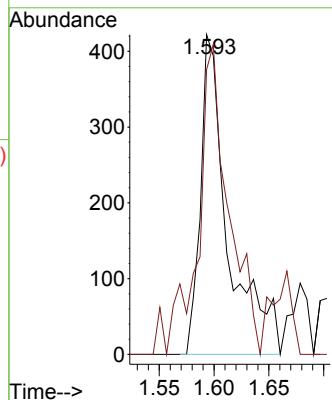
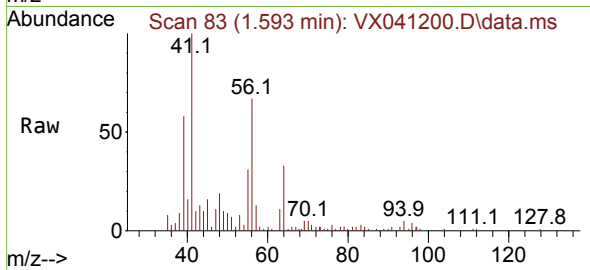




#5
Bromomethane
Concen: 0.620 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

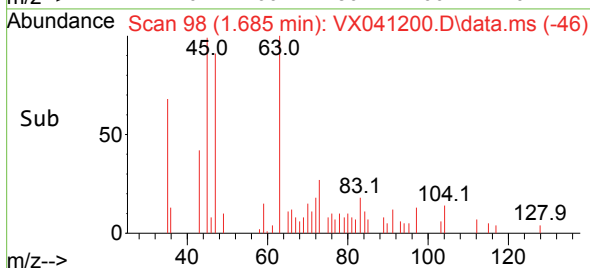
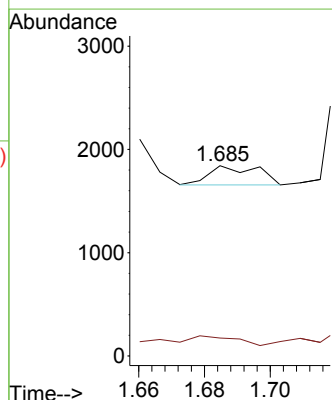
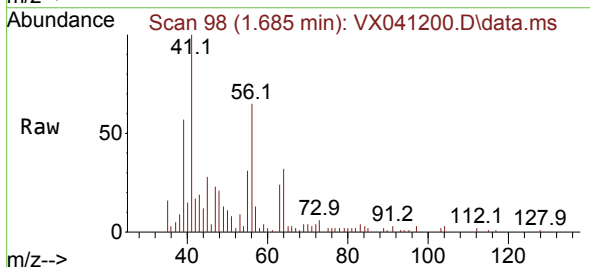
Instrument :
MSVOA_X
ClientSampleId :
IBLK

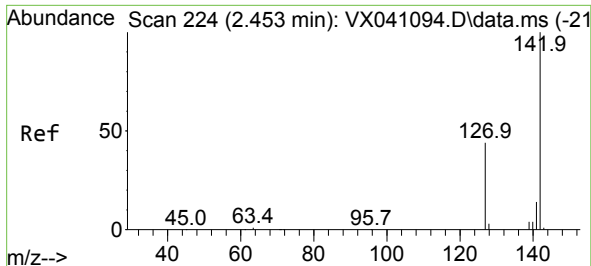
Tgt Ion: 94 Resp: 732
Ion Ratio Lower Upper
94 100
96 71.8 74.6 111.8#



#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.018 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

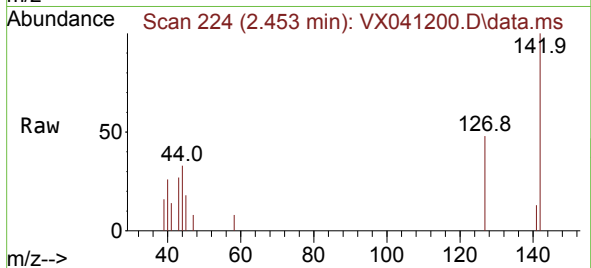
Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 21.0 25.1 37.7#



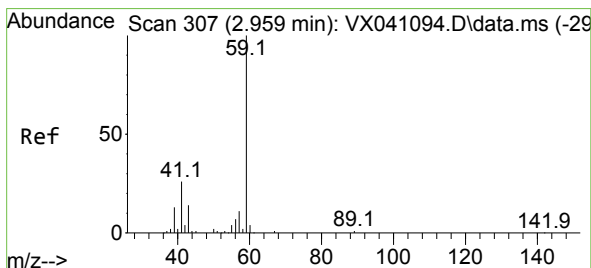
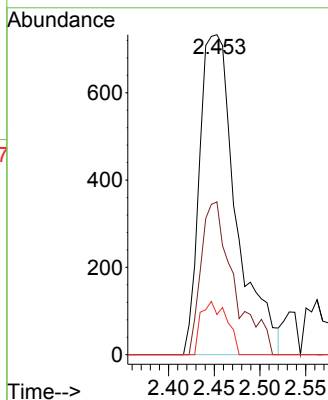
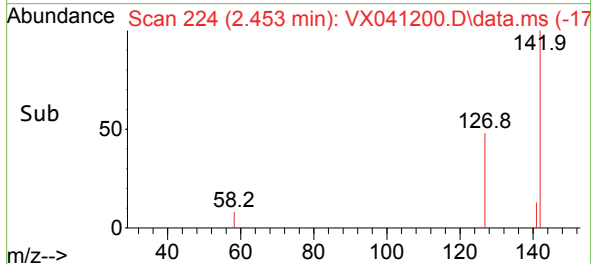


#10
Methyl Iodide
Concen: 0.887 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

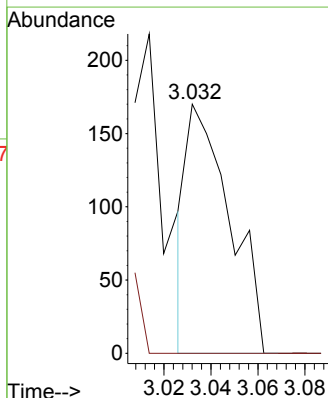
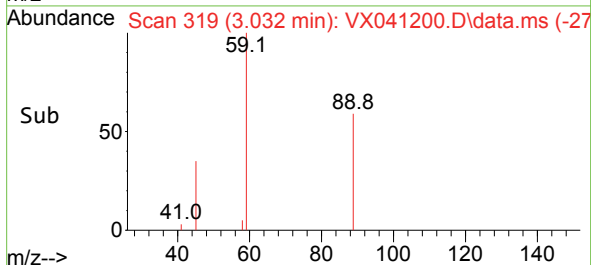
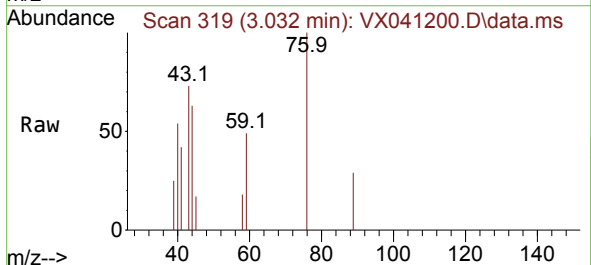


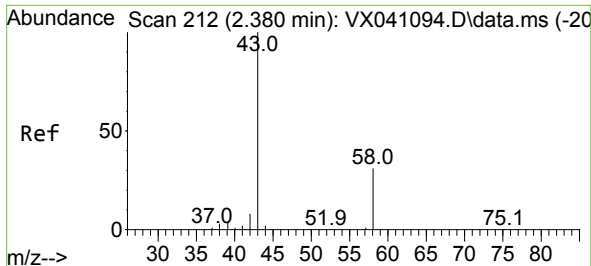
Tgt Ion:142 Resp: 2044
Ion Ratio Lower Upper
142 100
127 43.0 41.6 62.4
141 11.7 11.6 17.4



#11
Tert butyl alcohol
Concen: 0.520 ug/l
RT: 3.032 min Scan# 319
Delta R.T. -0.030 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

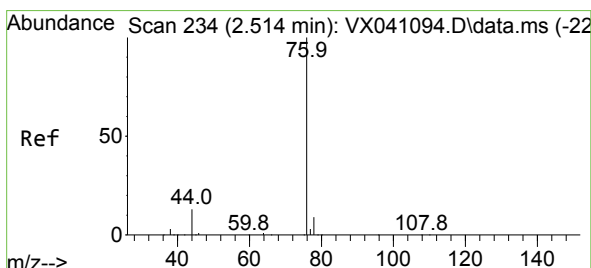
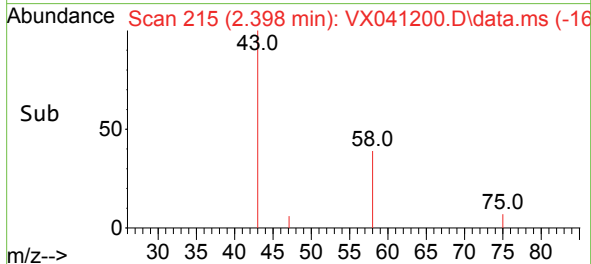
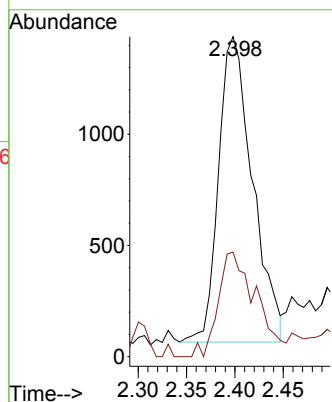
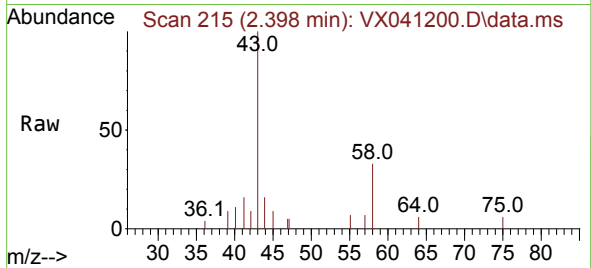




#16
Acetone
Concen: 3.954 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

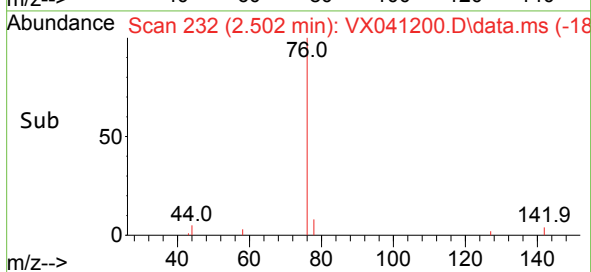
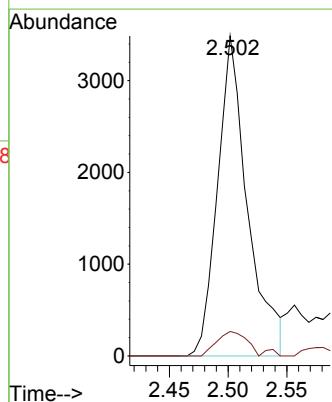
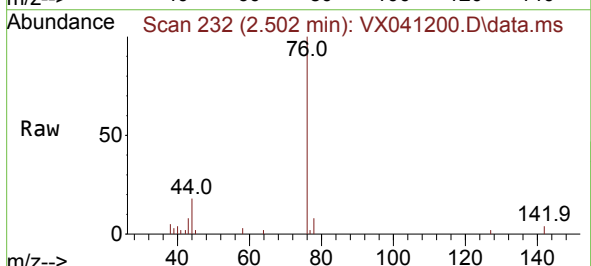
Instrument :
MSVOA_X
ClientSampleId :
IBLK

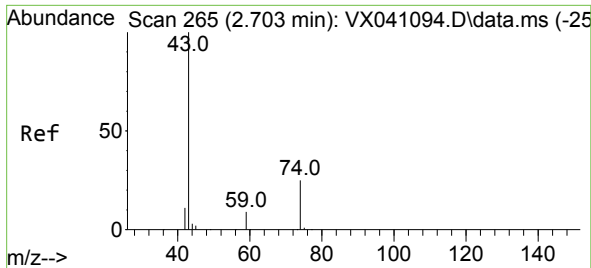
Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 1.663 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion: 76 Resp: 6195
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6

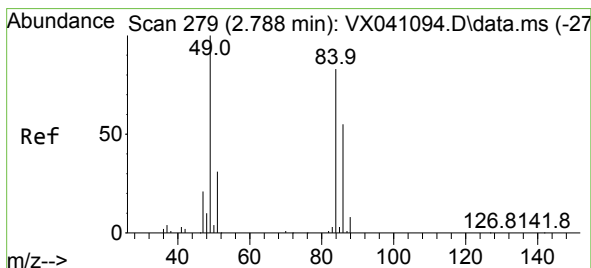
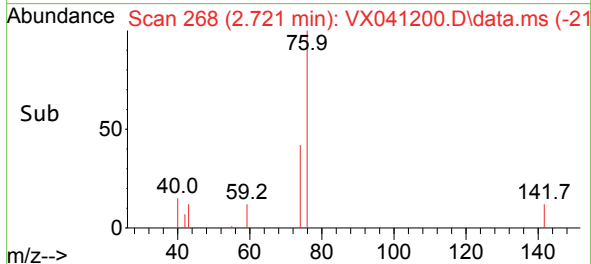
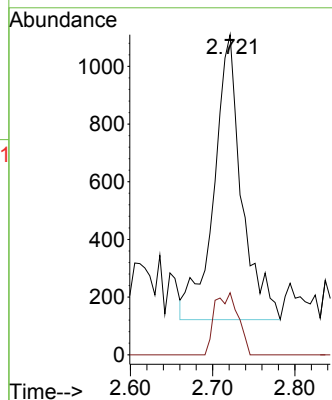
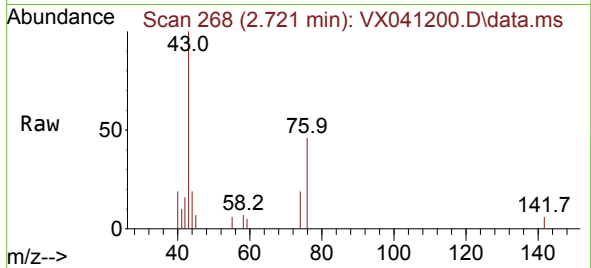




#18
Methyl Acetate
Concen: 0.923 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

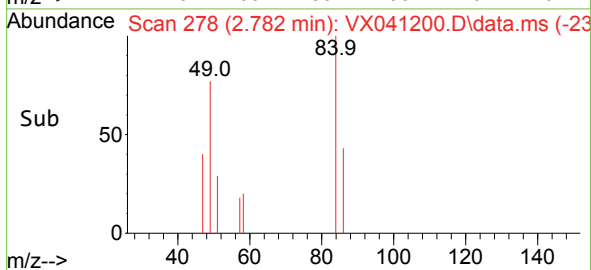
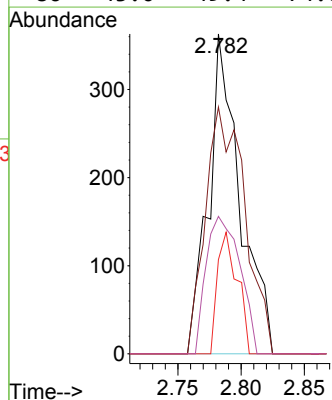
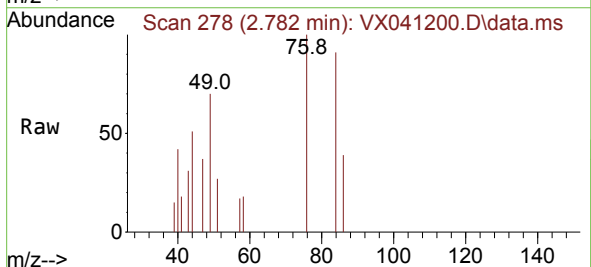
Instrument :
MSVOA_X
ClientSampleId :
IBLK

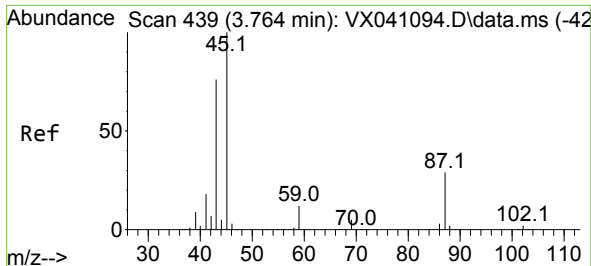
Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
74 18.5 17.8 26.8



#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

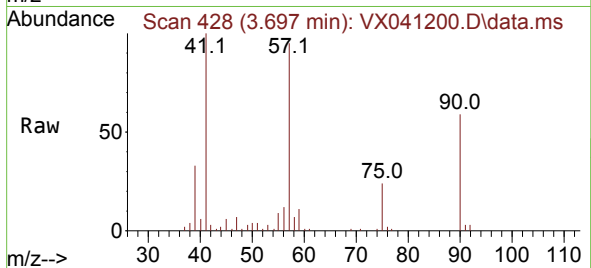
Tgt Ion: 84 Resp: 627
Ion Ratio Lower Upper
84 100
49 77.1 103.6 155.4#
51 29.5 33.8 50.6#
86 43.0 49.4 74.0#



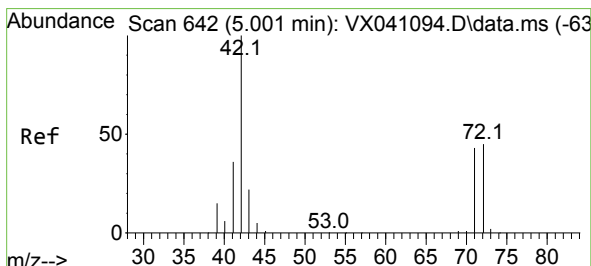
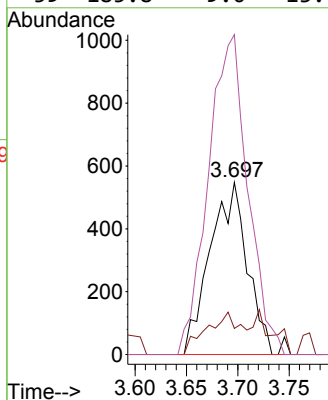
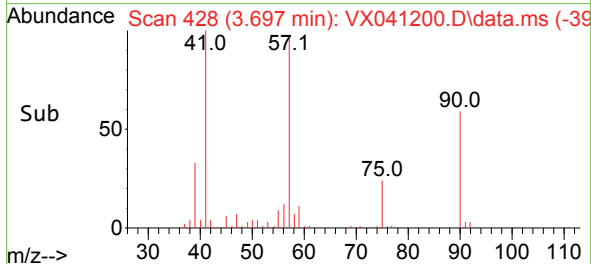


#22
Diisopropyl ether
Concen: 0.221 ug/l
RT: 3.697 min Scan# 41
Delta R.T. -0.067 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

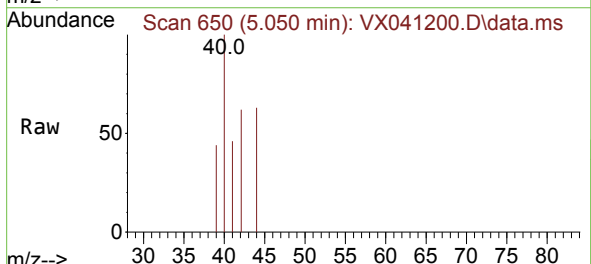
Instrument :
MSVOA_X
ClientSampleId :
IBLK



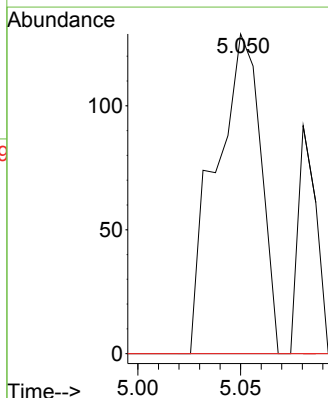
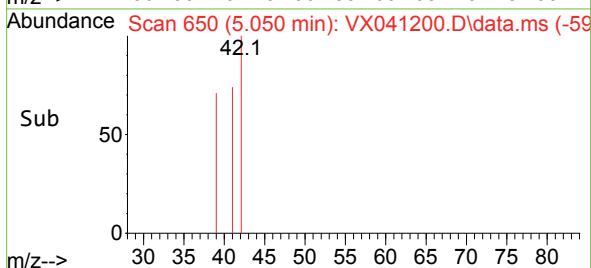
Tgt Ion:	45	Resp:	1382
Ion Ratio	100	Lower	Upper
43	15.1	69.7	104.5#
87	0.0	20.8	31.2#
59	185.8	9.0	13.4#

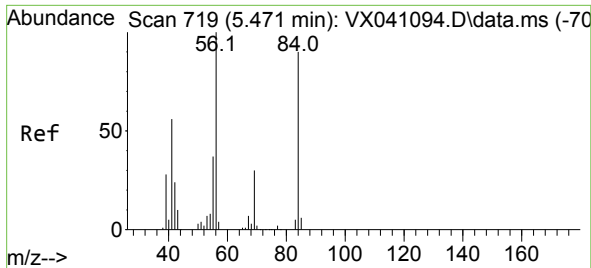


#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15



Tgt Ion:	42	Resp:	198
Ion Ratio	100	Lower	Upper
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#

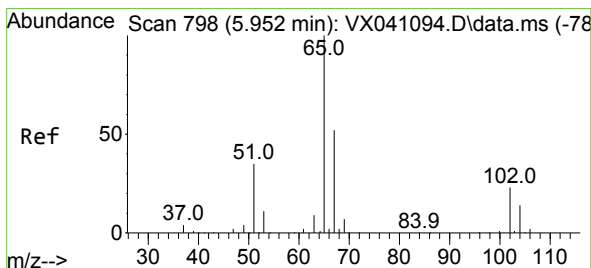
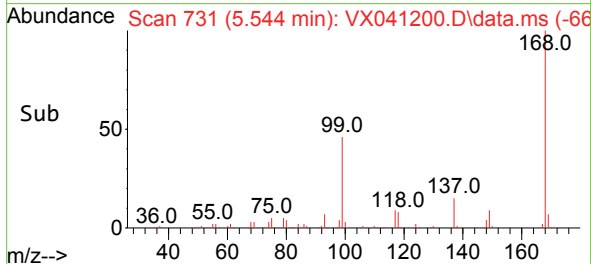
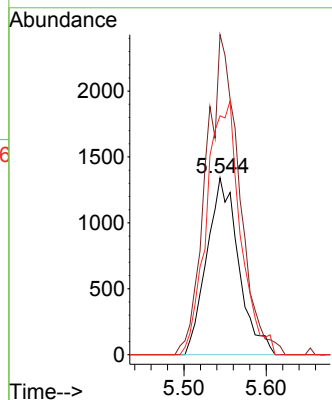
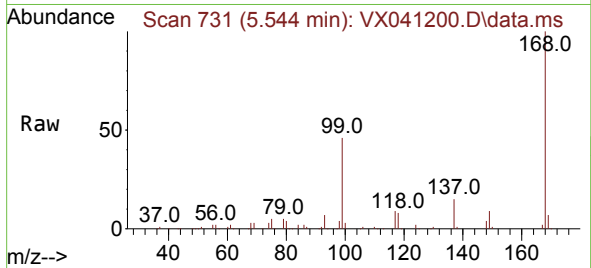




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

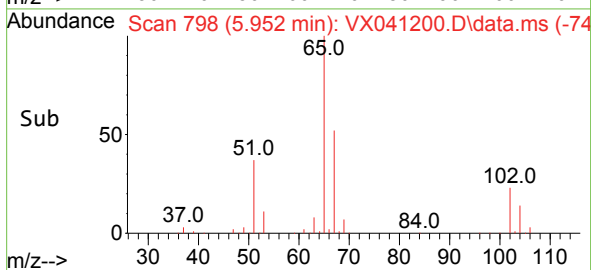
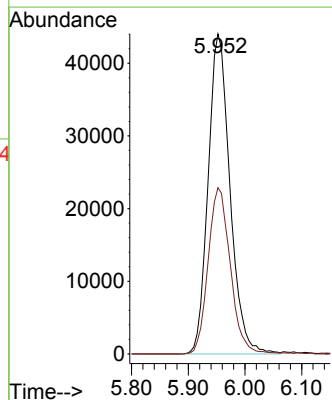
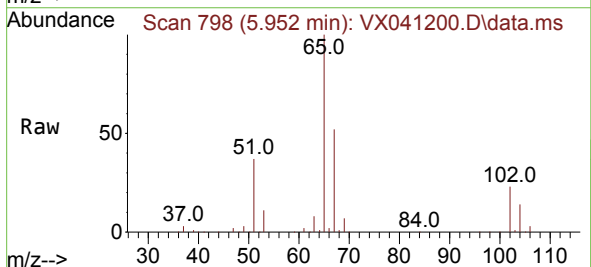
Instrument :
MSVOA_X
ClientSampleId :
IBLK

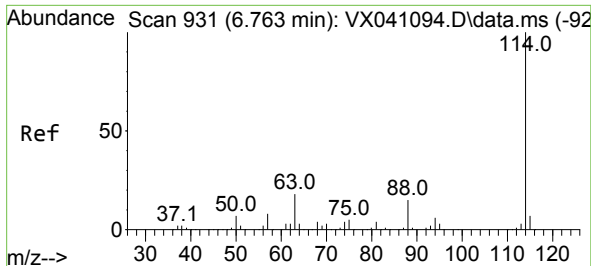
Tgt Ion: 56 Resp: 3614
Ion Ratio Lower Upper
56 100
69 176.4 23.4 35.2#
84 135.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.624 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion: 65 Resp: 117912
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

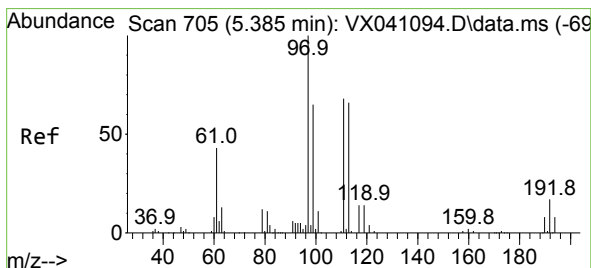
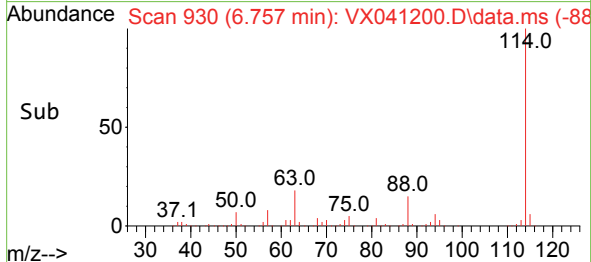
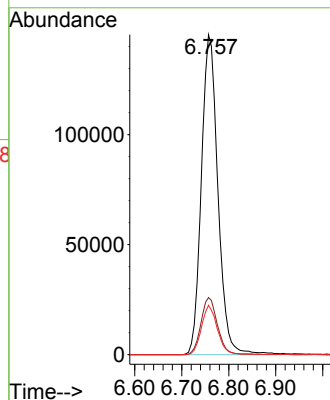
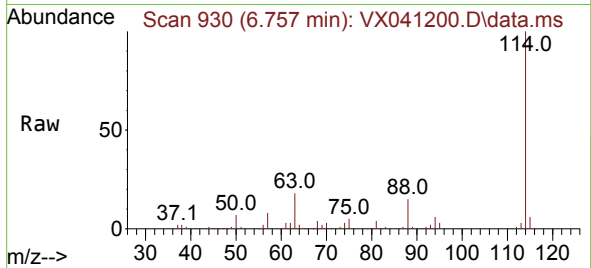




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

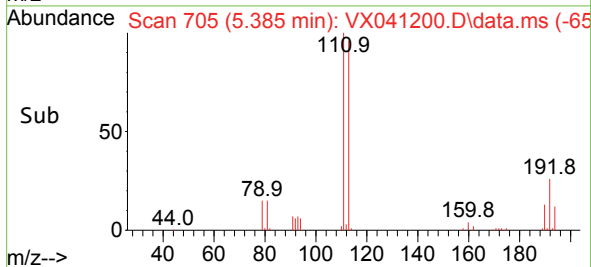
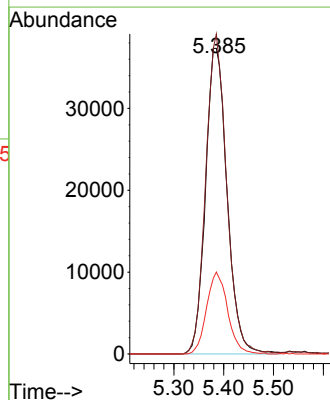
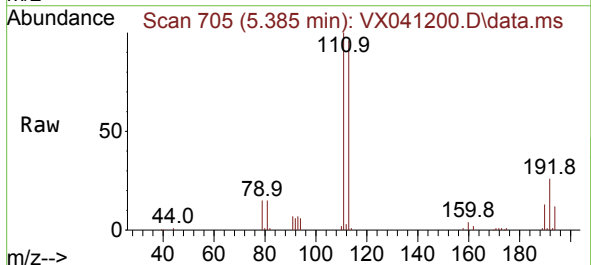
Instrument :
MSVOA_X
ClientSampleId :
IBLK

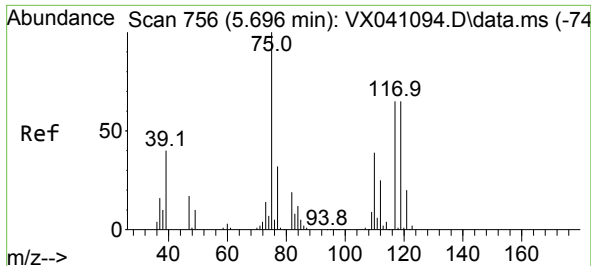
Tgt Ion:114 Resp: 355444
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.005 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion:113 Resp: 112441
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 26.1 13.3 19.9#

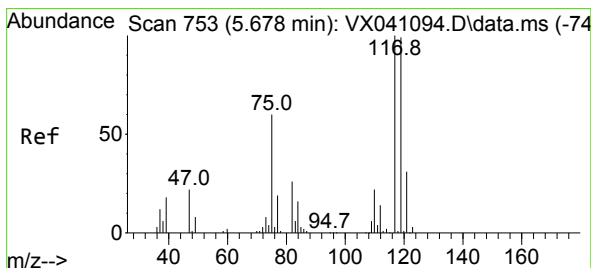
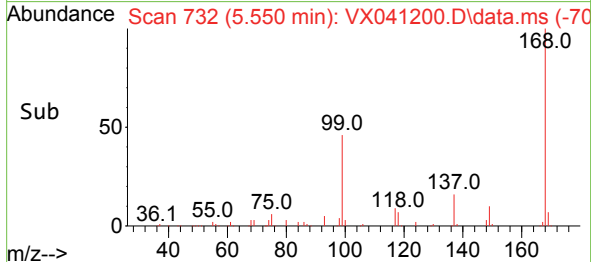
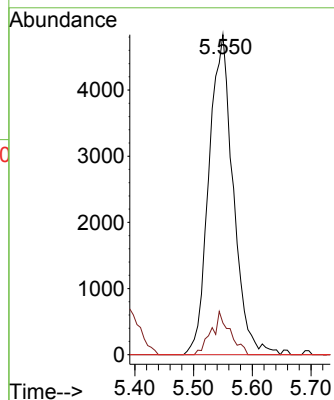
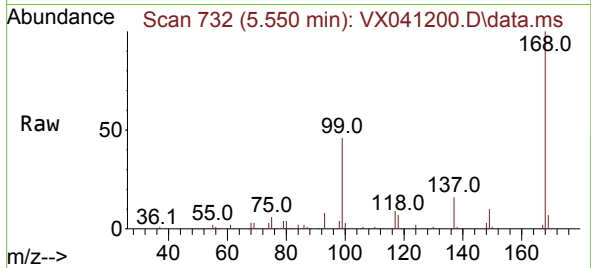




#36
1,1-Dichloropropene
Concen: 5.022 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

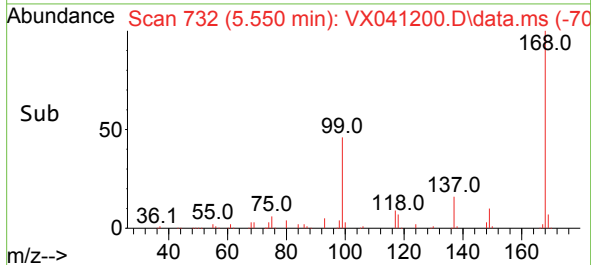
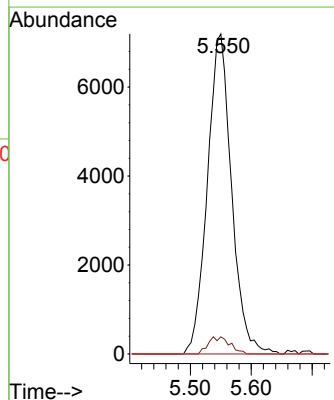
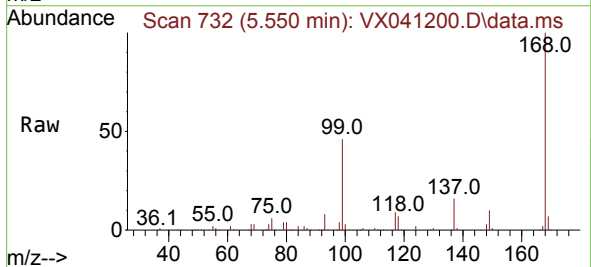
Instrument :
MSVOA_X
ClientSampleId :
IBLK

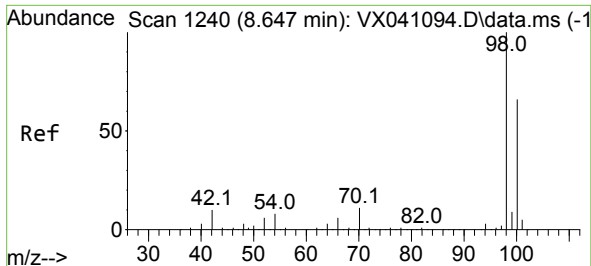
Tgt Ion: 75 Resp: 13894
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion: 117 Resp: 19845
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

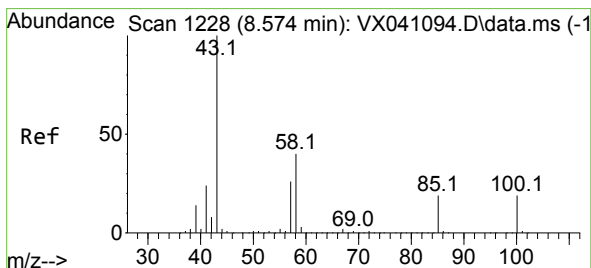
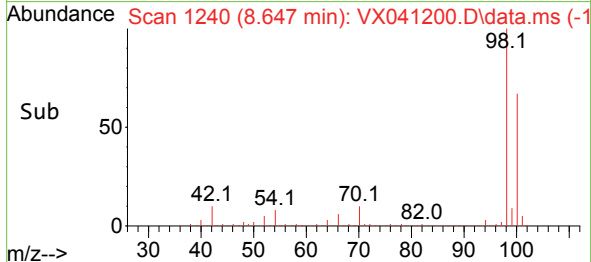
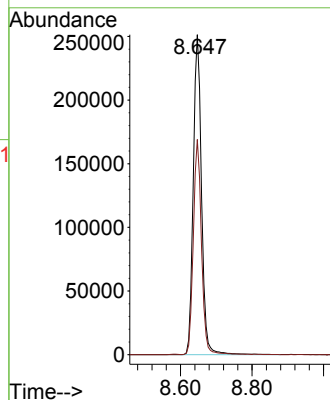
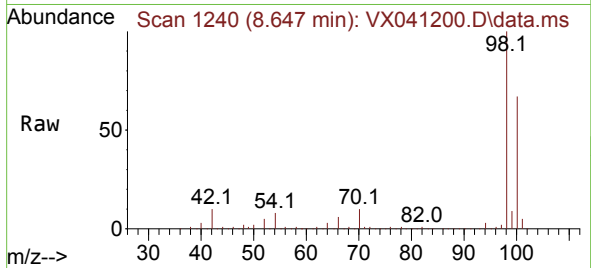




#50
Toluene-d8
Concen: 55.346 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

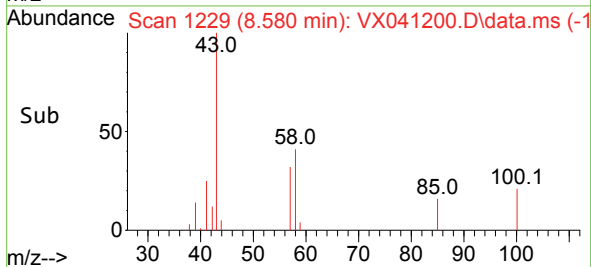
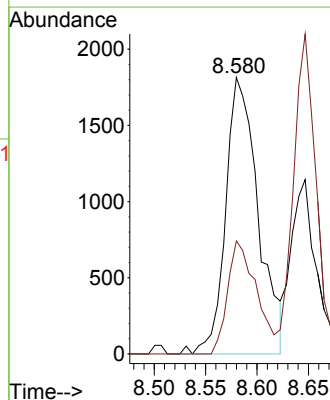
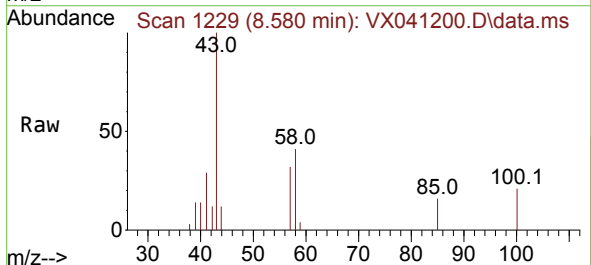
Instrument :
MSVOA_X
ClientSampleId :
IBLK

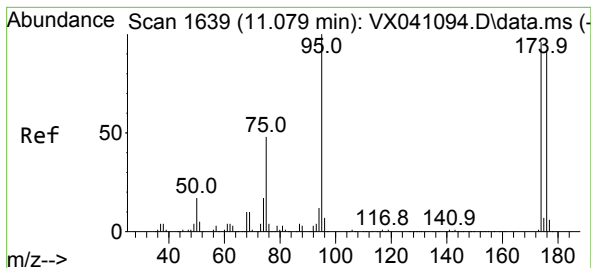
Tgt Ion: 98 Resp: 403732
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.308 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion: 43 Resp: 4003
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

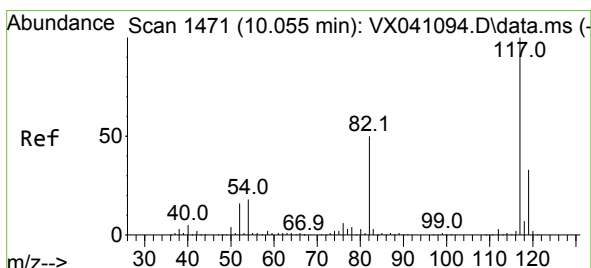
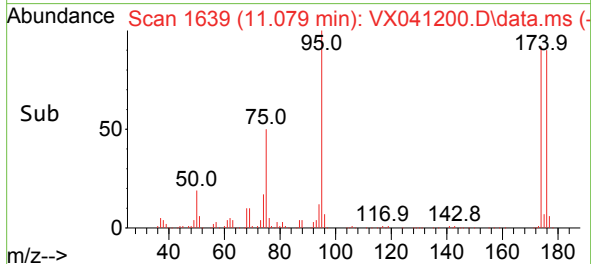
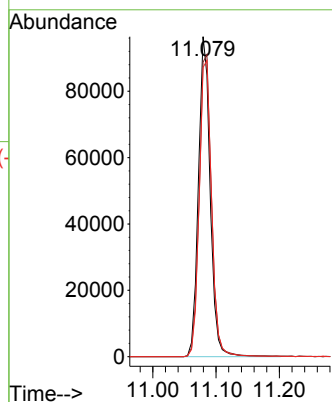
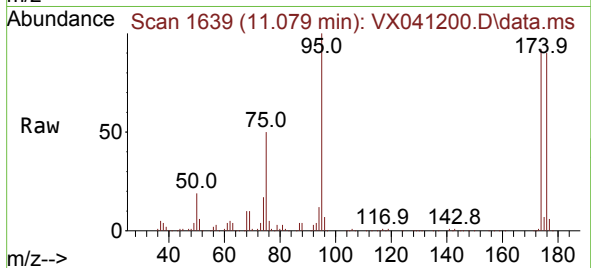




#62
4-Bromofluorobenzene
Concen: 46.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

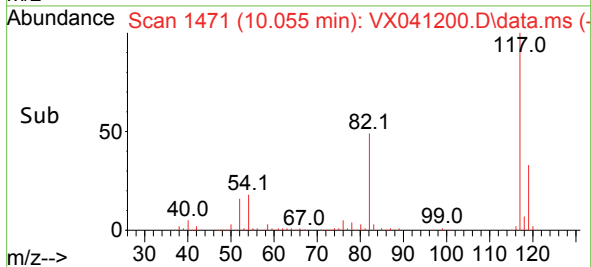
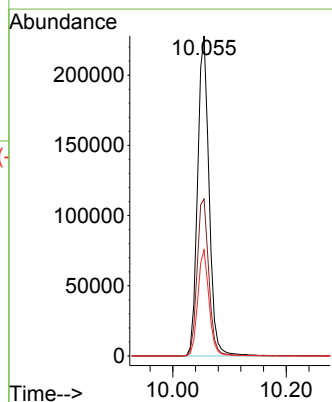
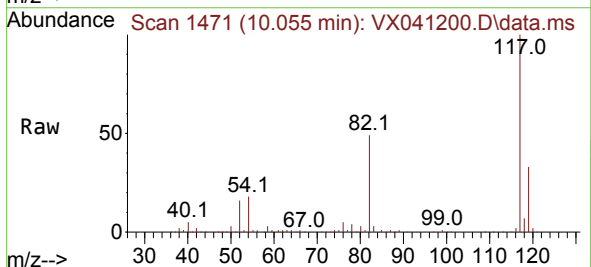
Instrument :
MSVOA_X
ClientSampleId :
IBLK

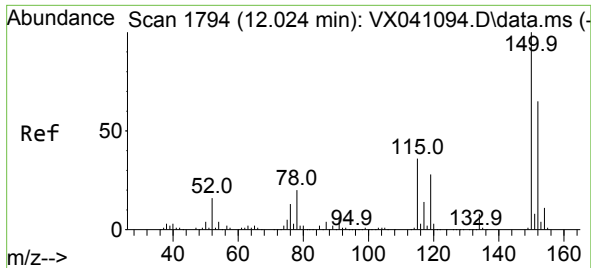
Tgt Ion: 95 Resp: 124901
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 97.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041200.D
Acq: 22 Apr 2024 19:15

Tgt Ion: 117 Resp: 320384
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 33.1 25.5 38.3

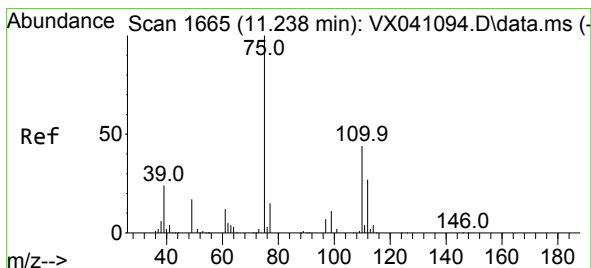
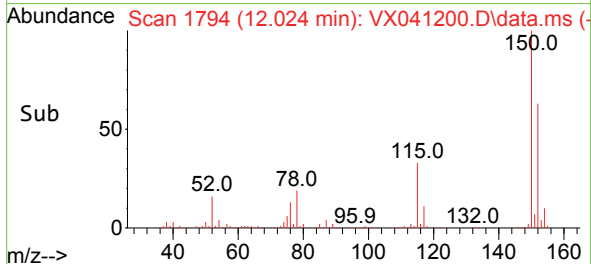
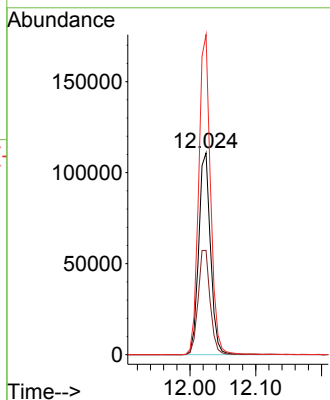
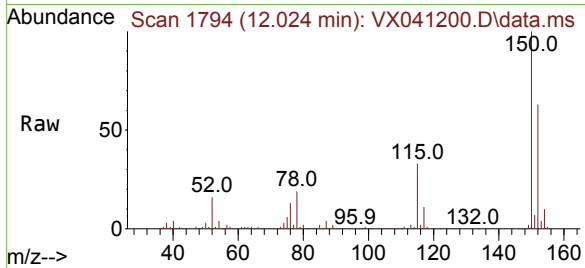




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041200.D
 Acq: 22 Apr 2024 19:15

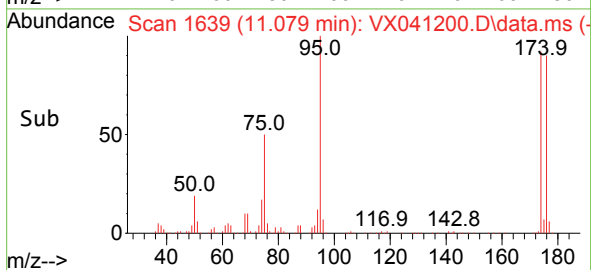
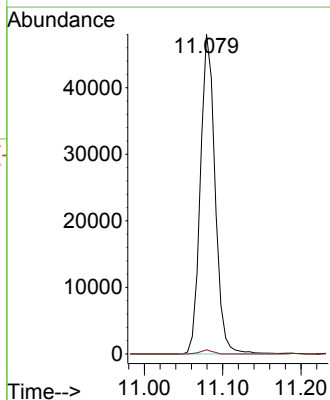
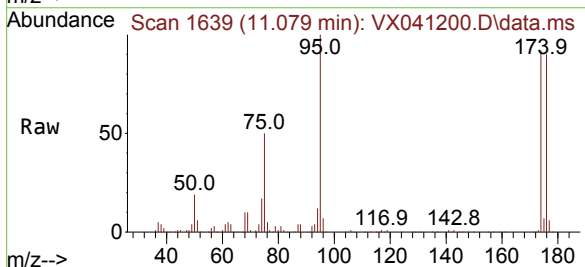
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

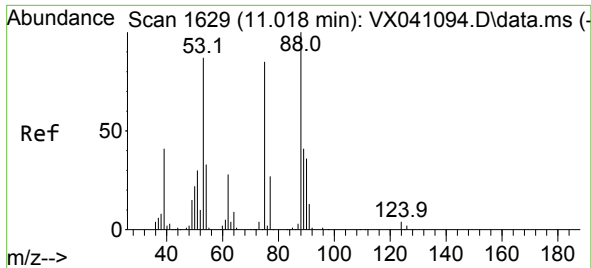
Tgt Ion:152 Resp: 138943
 Ion Ratio Lower Upper
 152 100
 115 52.6 43.3 129.9
 150 158.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.998 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX041200.D
 Acq: 22 Apr 2024 19:15

Tgt Ion: 75 Resp: 62677
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.991 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX041200.D
 Acq: 22 Apr 2024 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 62677
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

