

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
 Data File : VX043082.D
 Acq On : 21 Aug 2024 12:40
 Operator : JC/MD
 Sample : P3622-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 03:31:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

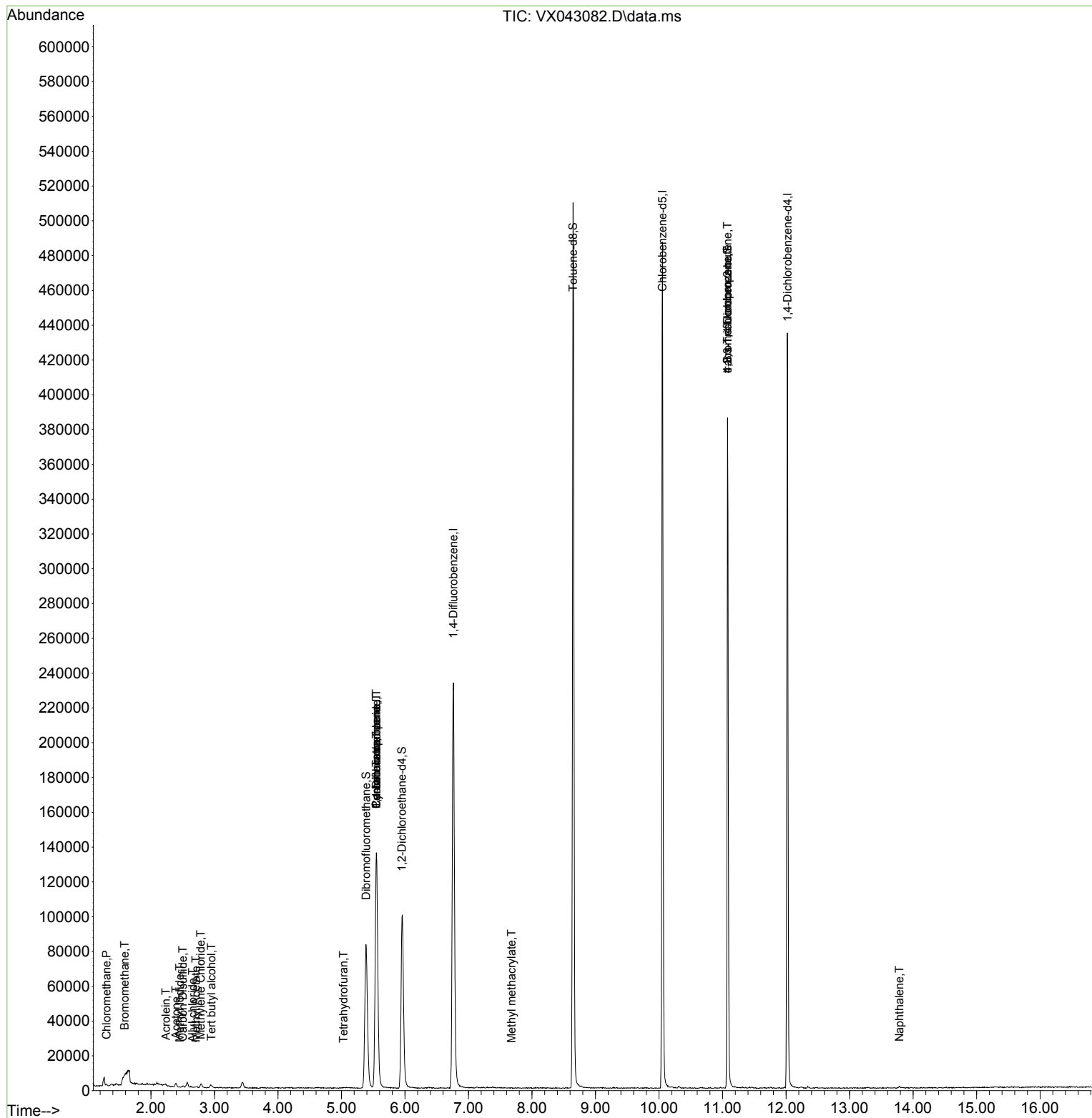
Internal Standards						
1) Pentafluorobenzene	5.550	168	126878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95270	57.144	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.280%
35) Dibromofluoromethane	5.385	113	74597	49.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	8.647	98	298131	51.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.079	95	108363	51.827	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	966	0.509	ug/l	99
5) Bromomethane	1.587	94	119	0.206	ug/l #	40
10) Methyl Iodide	2.453	142	45	0.478	ug/l #	34
11) Tert butyl alcohol	2.953	59	758	1.762	ug/l #	78
13) Acrolein	2.233	56	190	0.437	ug/l #	1
14) Allyl chloride	2.654	41	586	0.204	ug/l #	24
16) Acetone	2.392	43	2307	2.790	ug/l	99
17) Carbon Disulfide	2.501	76	1035	0.236	ug/l #	94
18) Methyl Acetate	2.709	43	775	0.284	ug/l #	78
20) Methylene Chloride	2.782	84	1104	0.577	ug/l	98
29) Tetrahydrofuran	5.031	42	229	0.228	ug/l #	34
31) Cyclohexane	5.550	56	3048	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11262	5.427	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13160	6.271	ug/l #	15
48) Methyl methacrylate	7.677	41	100	0.451	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	54574	25.962	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54574	56.628	ug/l #	5
95) Naphthalene	13.786	128	1430	0.211	ug/l #	74

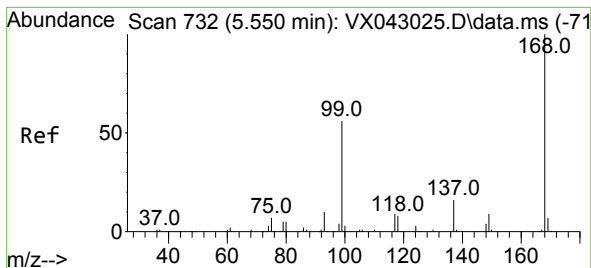
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
Data File : VX043082.D
Acq On : 21 Aug 2024 12:40
Operator : JC/MD
Sample : P3622-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 22 03:31:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

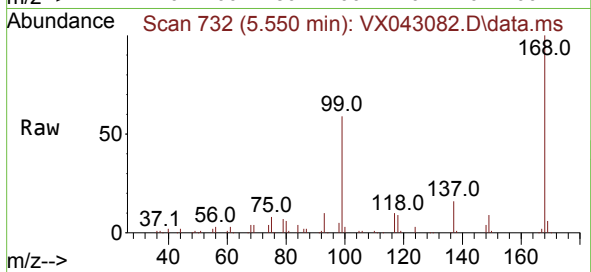
Lab File: VX043082.D

Acq: 21 Aug 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

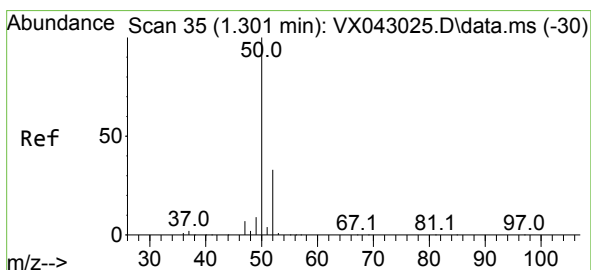
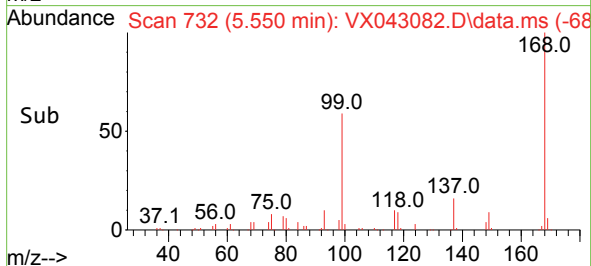
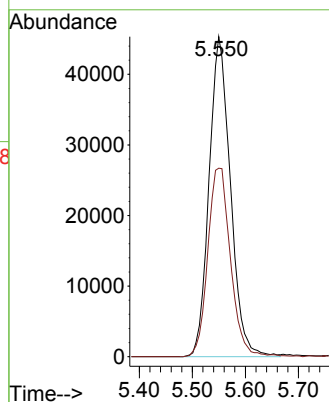


Tgt Ion:168 Resp: 126878

Ion Ratio Lower Upper

168 100

99 58.9 56.6 85.0



#3

Chloromethane

Concen: 0.509 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX043082.D

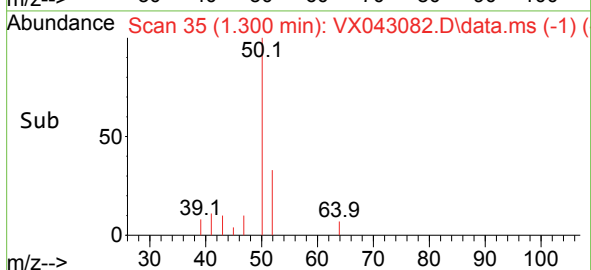
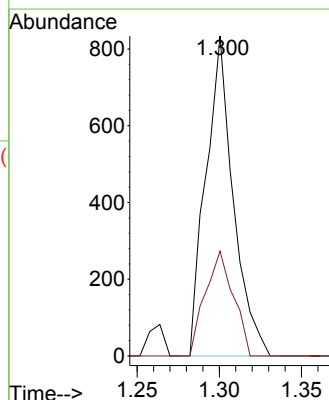
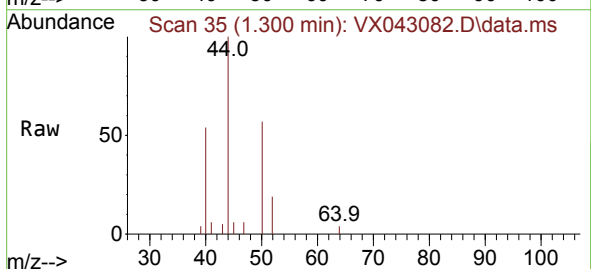
Acq: 21 Aug 2024 12:40

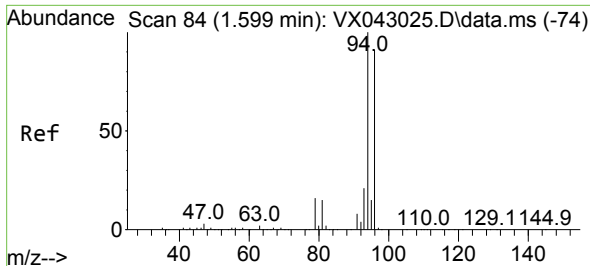
Tgt Ion: 50 Resp: 966

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3

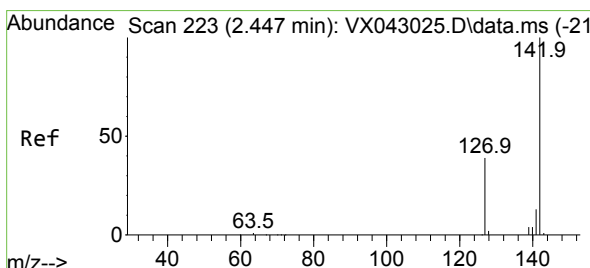
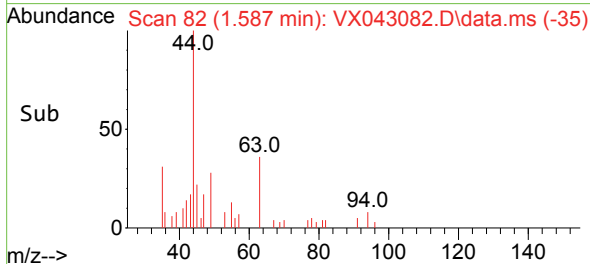
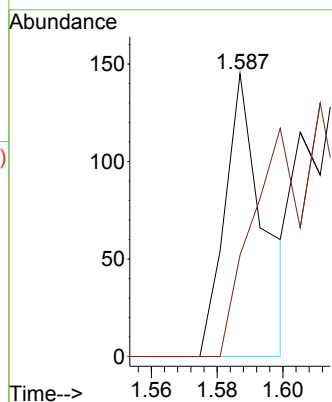
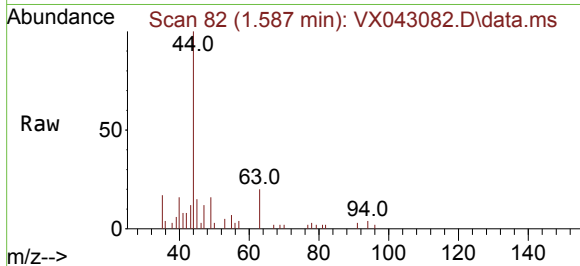




#5
 Bromomethane
 Concen: 0.206 ug/l
 RT: 1.587 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

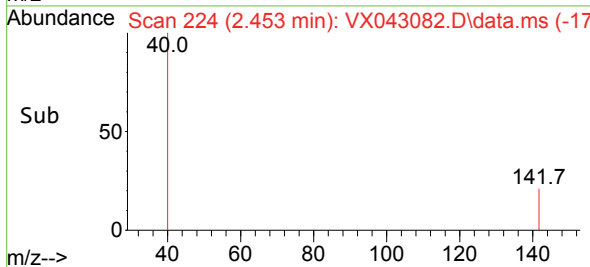
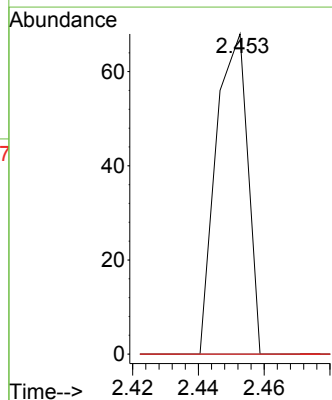
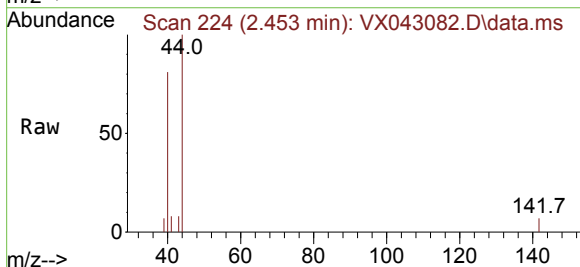
Instrument :
 MSVOA_X
 ClientSampleId :

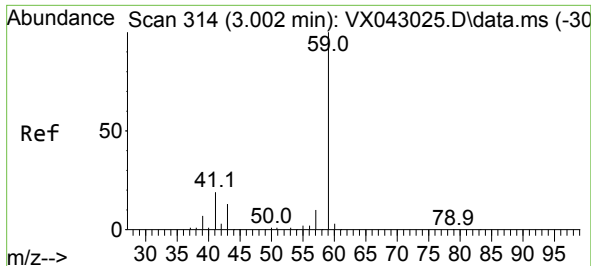
Tgt Ion: 94 Resp: 119
 Ion Ratio Lower Upper
 94 100
 96 35.9 74.6 111.8#



#10
 Methyl Iodide
 Concen: 0.478 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.006 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

Tgt Ion: 142 Resp: 45
 Ion Ratio Lower Upper
 142 100
 127 0.0 41.6 62.4#
 141 0.0 11.6 17.4#

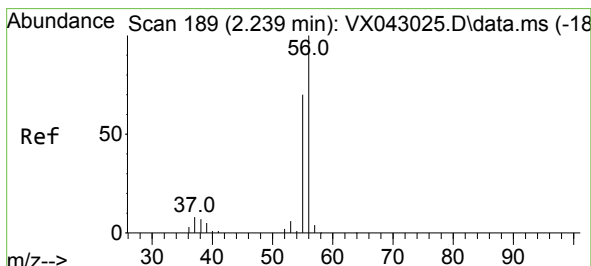
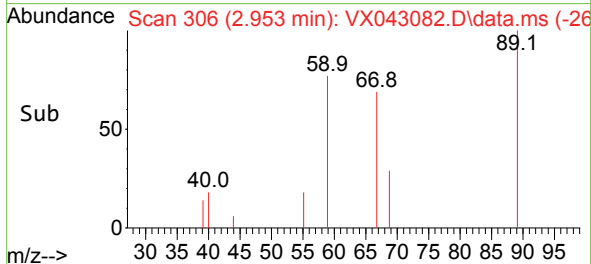
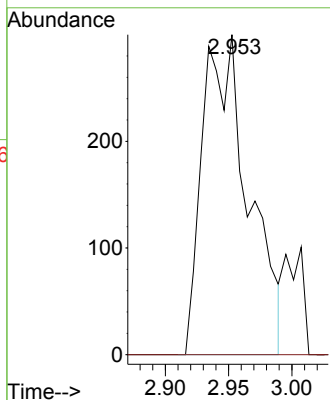
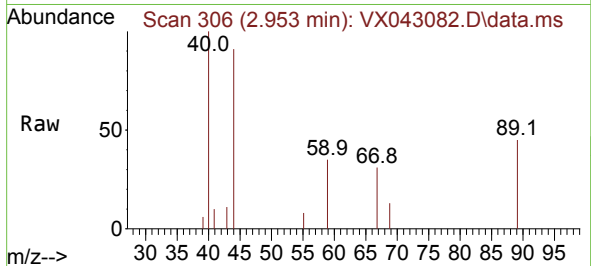




#11
Tert butyl alcohol
Concen: 1.762 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

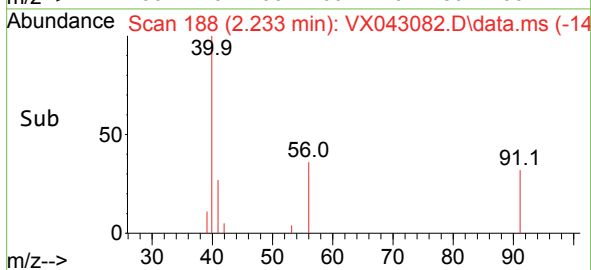
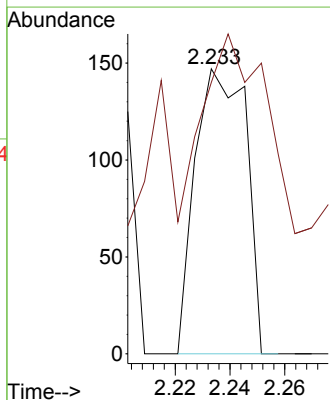
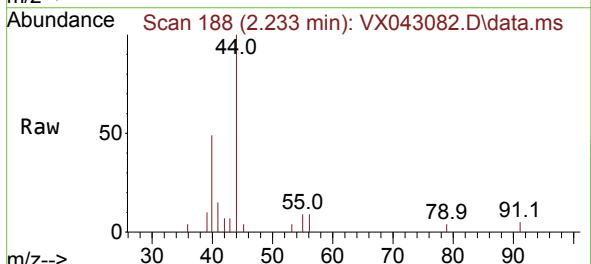
Instrument :
MSVOA_X
ClientSampleId :

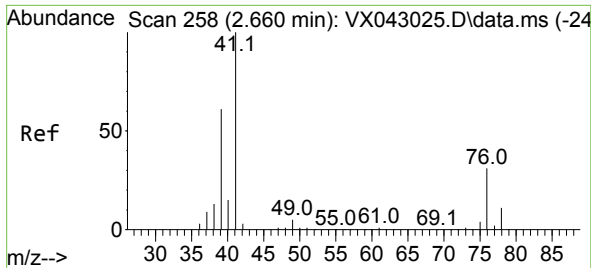
Tgt Ion: 59 Resp: 758
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.437 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 210.0 57.1 85.7#

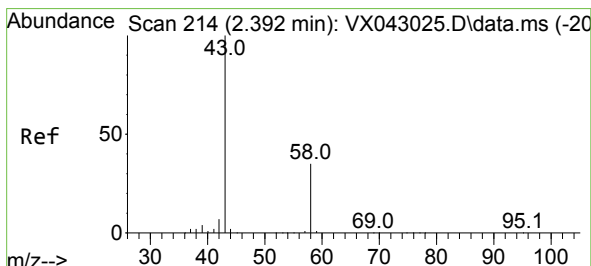
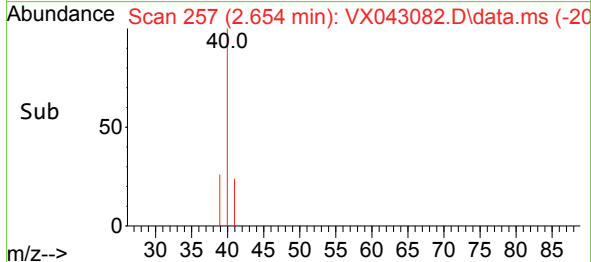
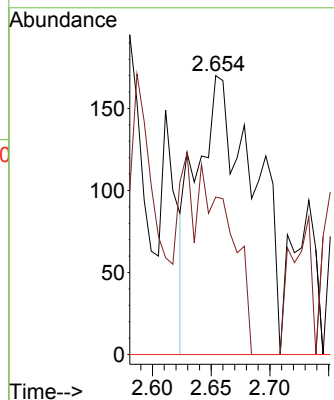
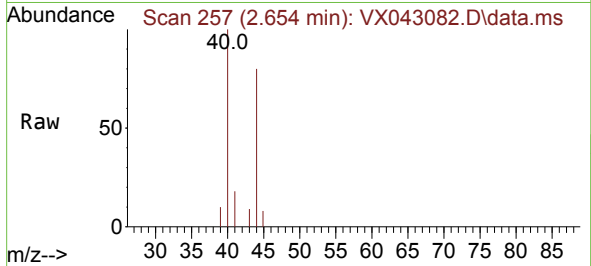




#14
 Allyl chloride
 Concen: 0.204 ug/l
 RT: 2.654 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

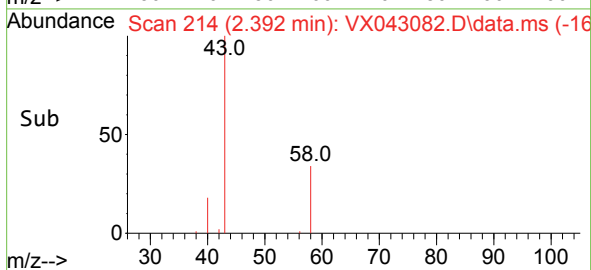
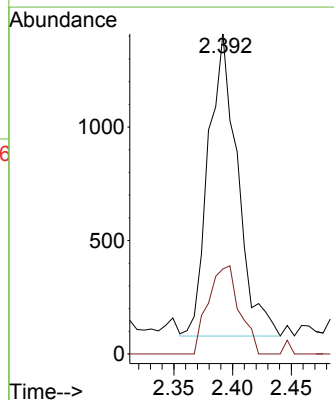
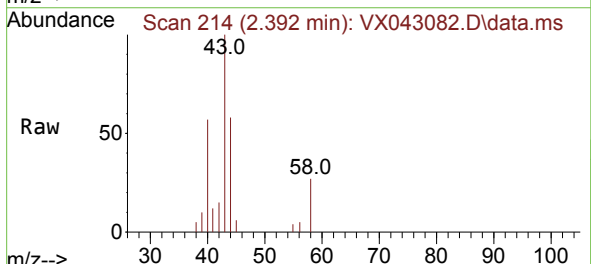
Instrument :
 MSVOA_X
 ClientSampleId :

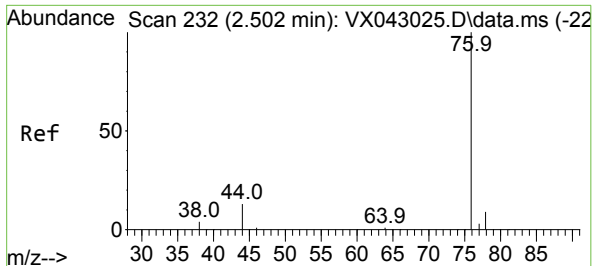
Tgt Ion: 41 Resp: 586
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 2.790 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

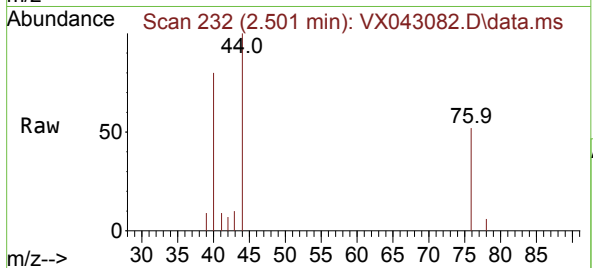
Tgt Ion: 43 Resp: 2307
 Ion Ratio Lower Upper
 43 100
 58 28.2 21.9 32.9



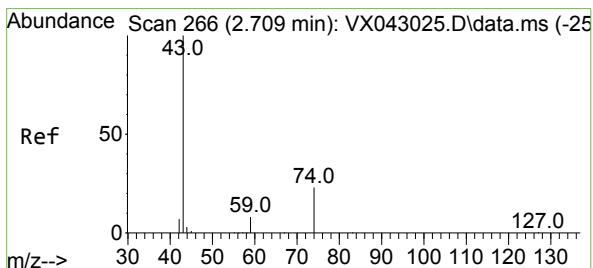
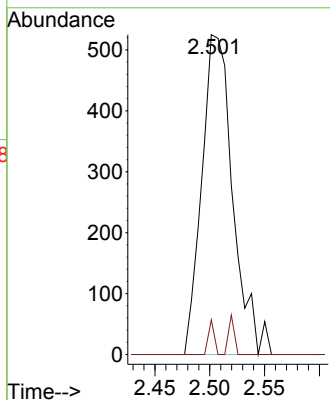
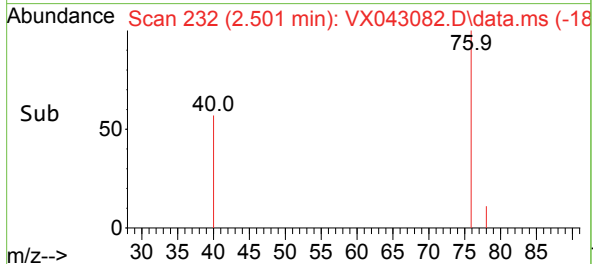


#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

Instrument :
MSVOA_X
ClientSampleId :

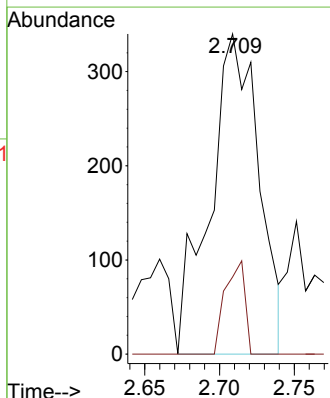
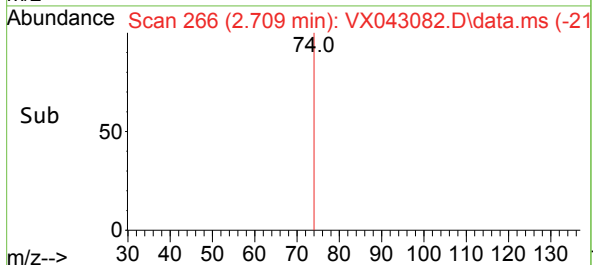
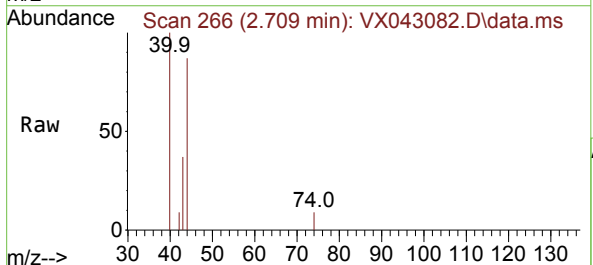


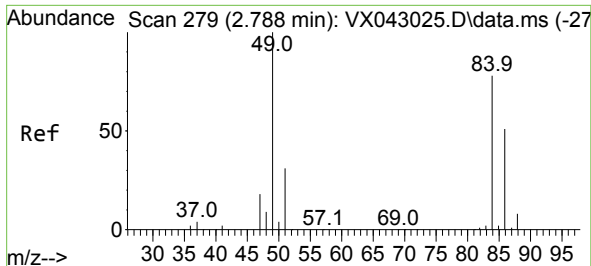
Tgt Ion: 76 Resp: 1035
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.6#



#18
Methyl Acetate
Concen: 0.284 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

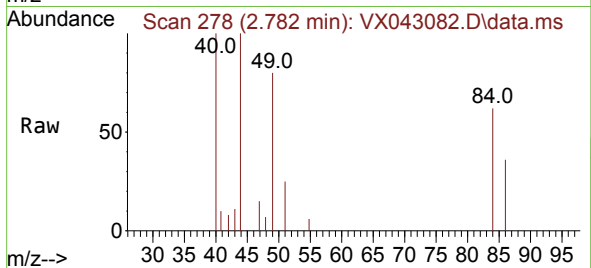
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
74 11.7 17.8 26.8#



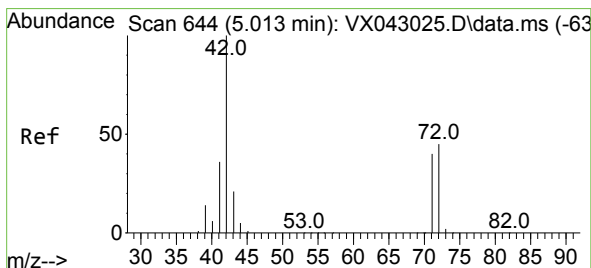
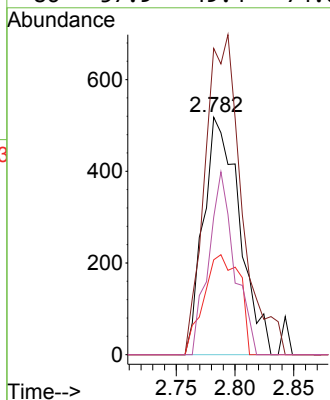


#20
Methylene Chloride
Concen: 0.577 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

Instrument :
MSVOA_X
ClientSampleId :

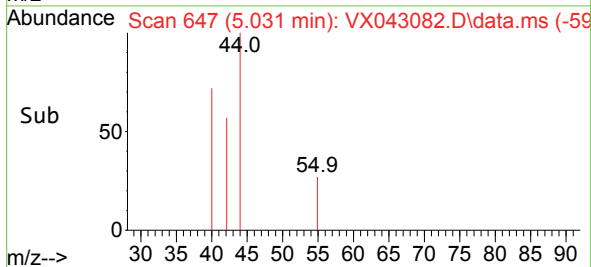
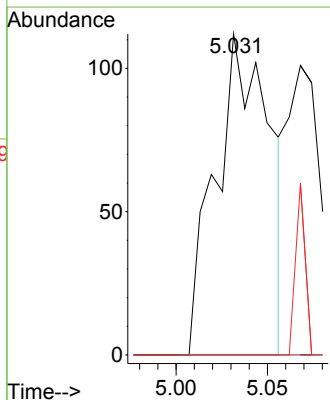
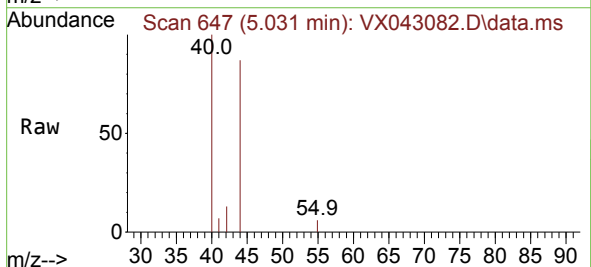


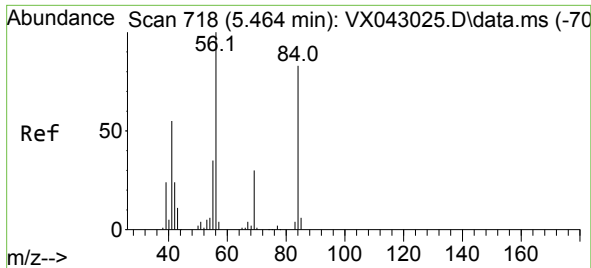
Tgt Ion:	84	Resp:	1104
Ion	Ratio	Lower	Upper
84	100		
49	129.0	103.6	155.4
51	40.0	33.8	50.6
86	57.9	49.4	74.0



#29
Tetrahydrofuran
Concen: 0.228 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

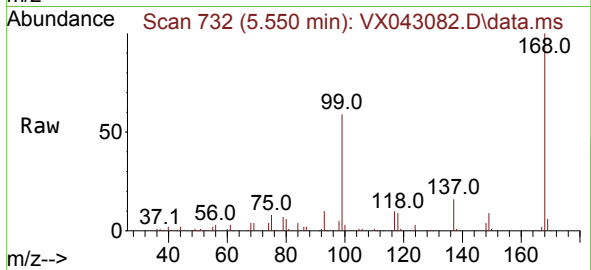
Tgt Ion:	42	Resp:	229
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



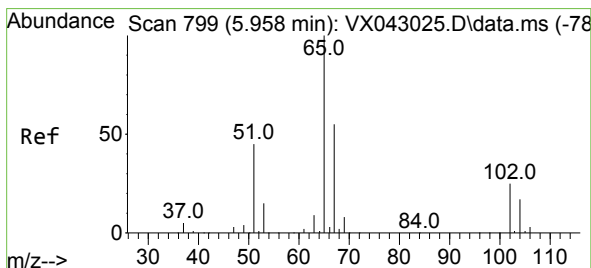
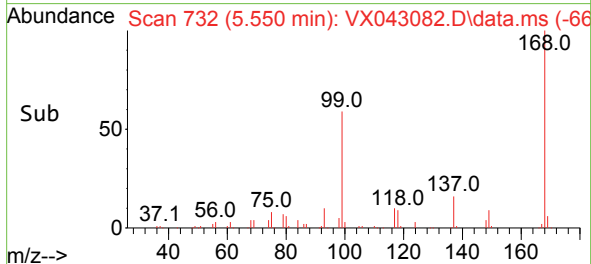
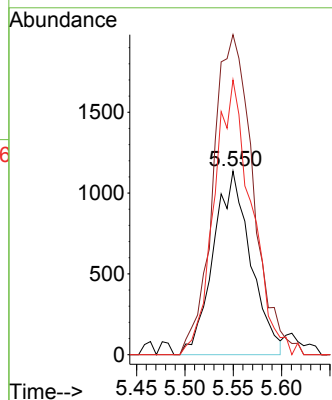


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

Instrument :
MSVOA_X
ClientSampleId :

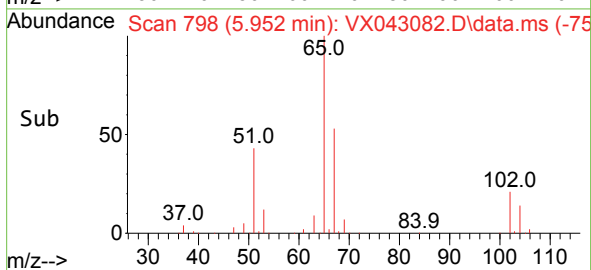
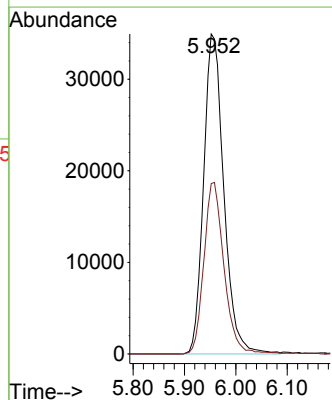
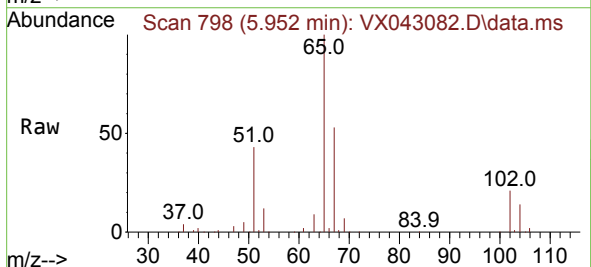


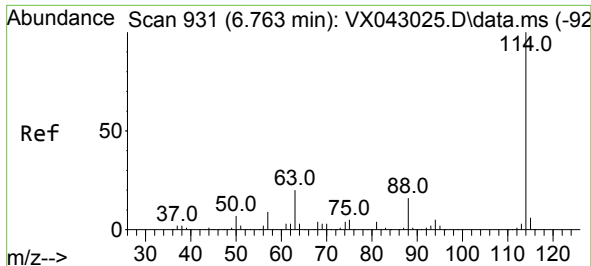
Tgt Ion: 56 Resp: 3048
Ion Ratio Lower Upper
56 100
69 174.3 23.4 35.2#
84 149.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 57.144 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

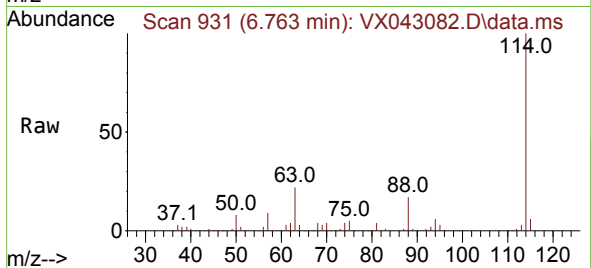
Tgt Ion: 65 Resp: 95270
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2



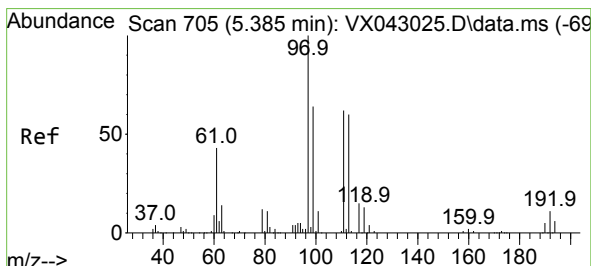
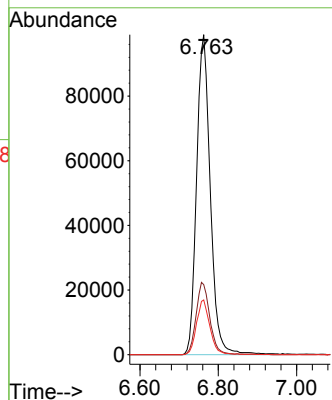
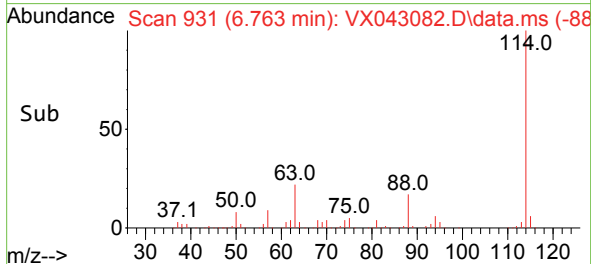


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

Instrument :
MSVOA_X
ClientSampleId :

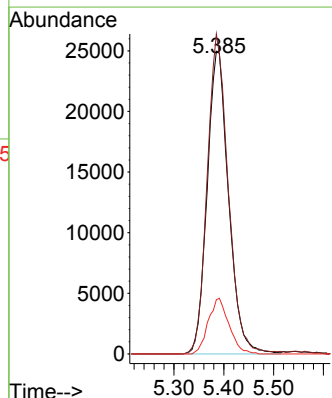
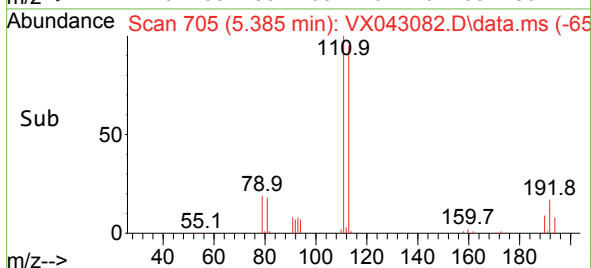
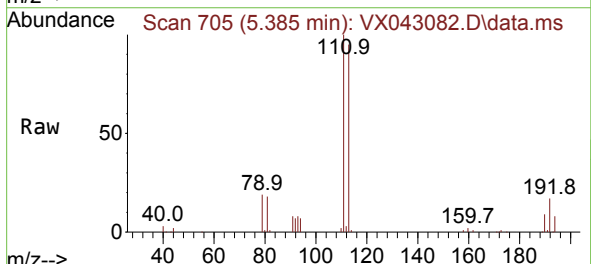


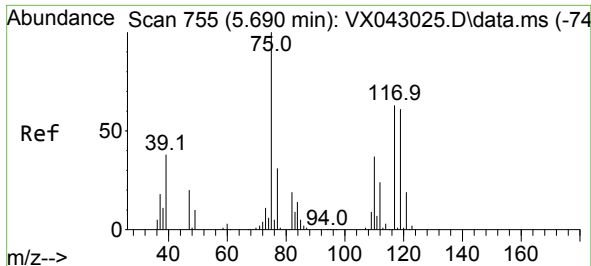
Tgt Ion:114 Resp: 241462
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

Tgt Ion:113 Resp: 74597
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.8 13.3 19.9

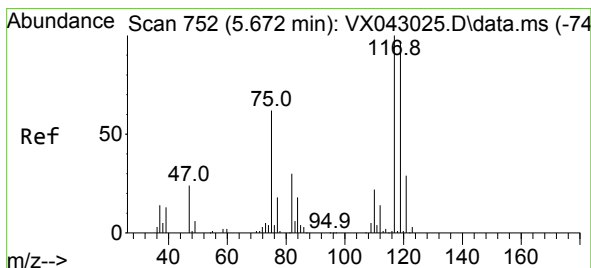
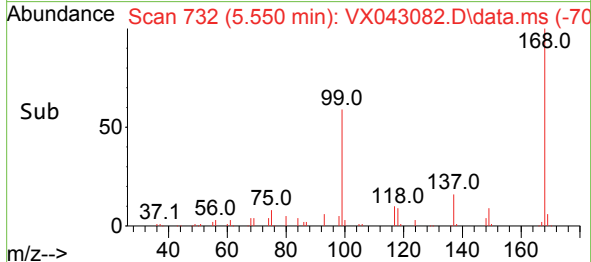
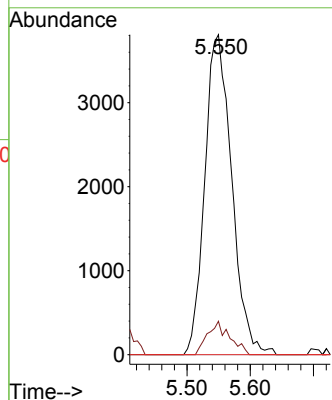
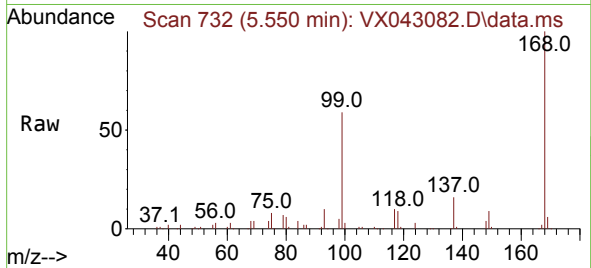




#36
1,1-Dichloropropene
Concen: 5.427 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

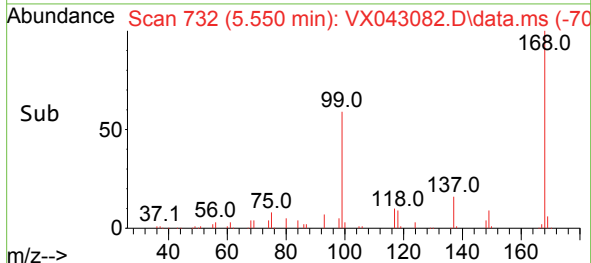
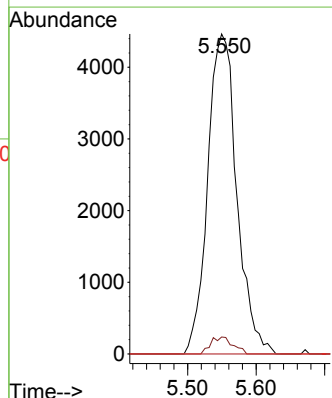
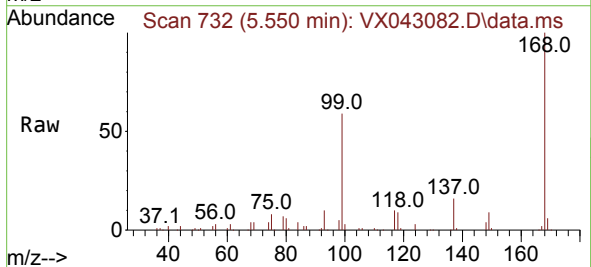
Instrument :
MSVOA_X
ClientSampleId :

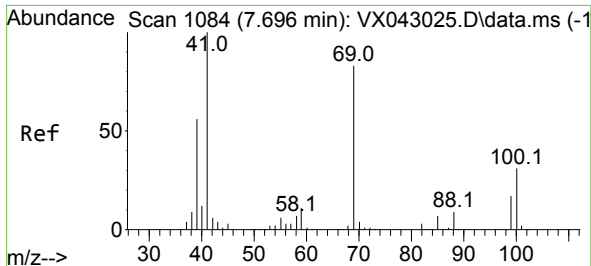
Tgt Ion: 75 Resp: 11262
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

Tgt Ion: 117 Resp: 13160
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 0.451 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.018 min

Lab File: VX043082.D

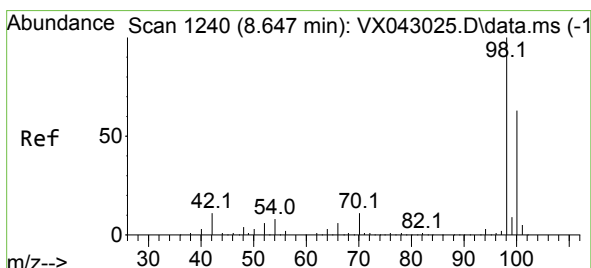
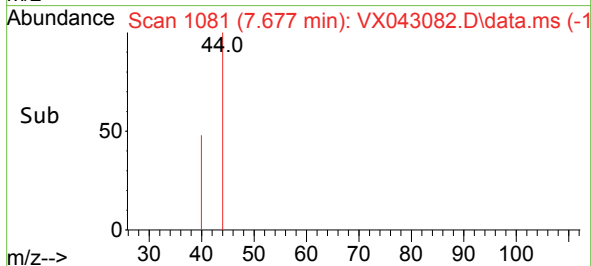
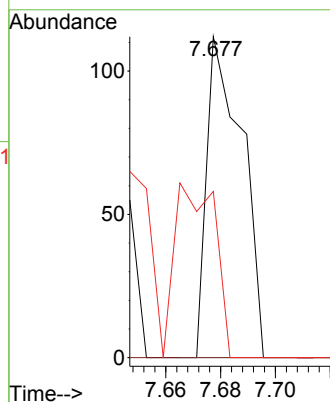
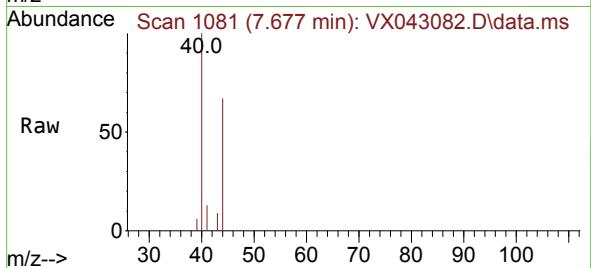
Acq: 21 Aug 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 100
Ion Ratio	Lower Upper
41	100
69	0.0 59.2 88.8#
39	62.0 47.7 71.5



#50

Toluene-d8

Concen: 51.702 ug/l

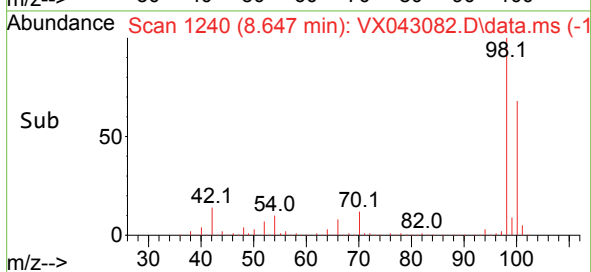
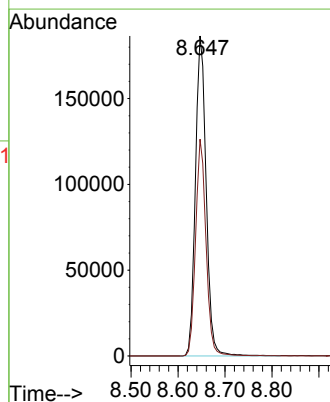
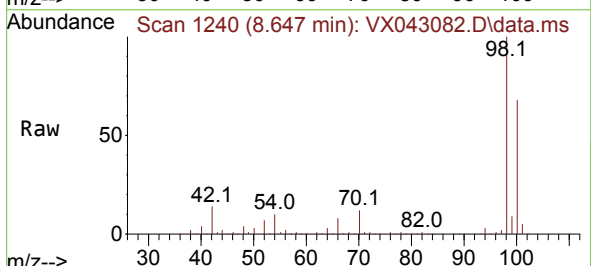
RT: 8.647 min Scan# 1240

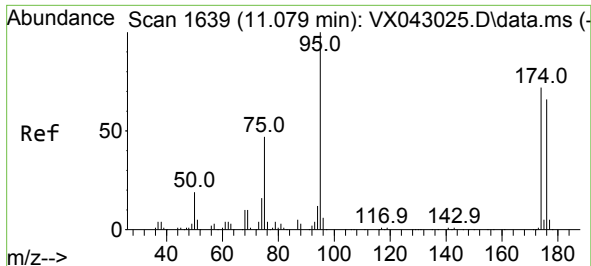
Delta R.T. -0.000 min

Lab File: VX043082.D

Acq: 21 Aug 2024 12:40

Tgt Ion: 98	Resp: 298131
Ion Ratio	Lower Upper
98	100
100	66.0 53.1 79.7

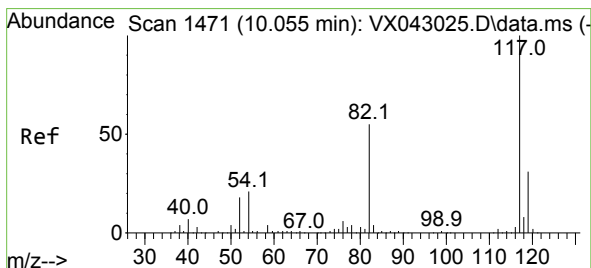
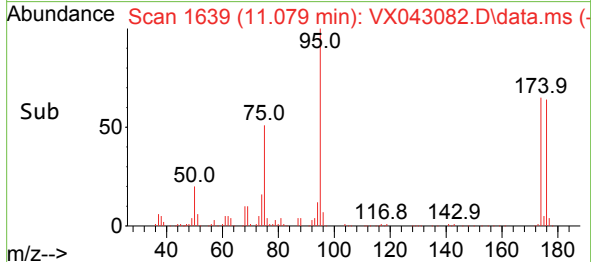
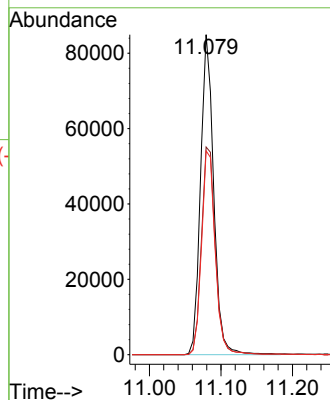
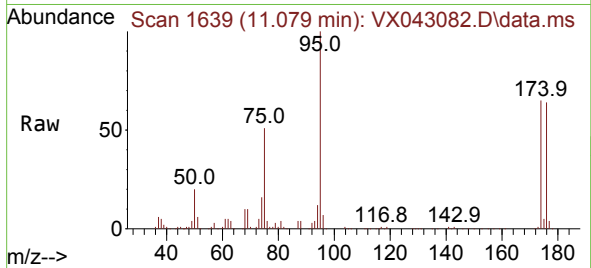




#62
4-Bromofluorobenzene
Concen: 51.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

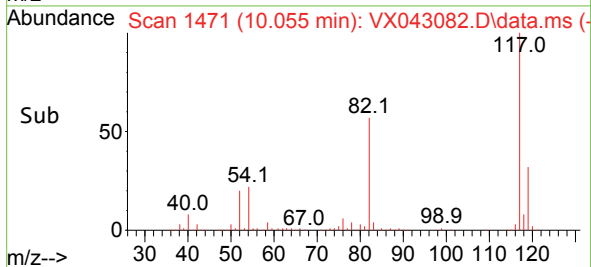
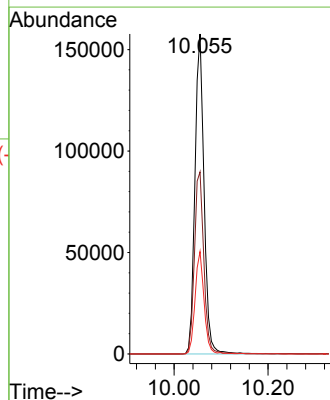
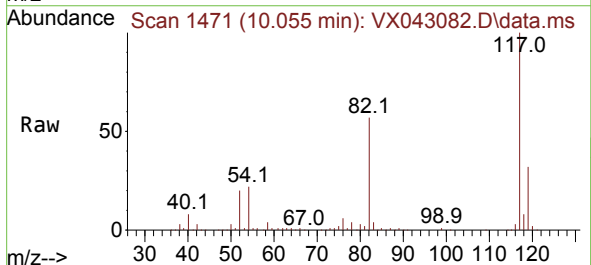
Instrument :
MSVOA_X
ClientSampleId :

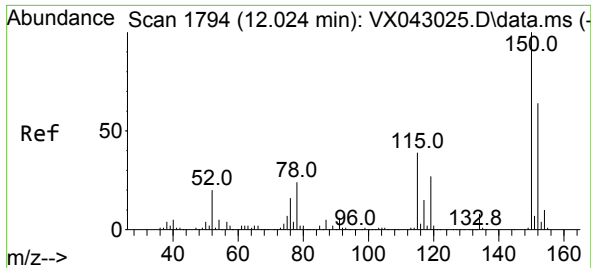
Tgt Ion: 95 Resp: 108363
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 66.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043082.D
Acq: 21 Aug 2024 12:40

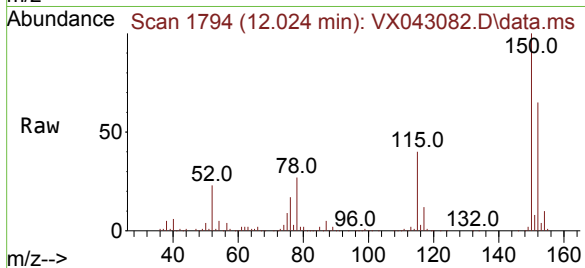
Tgt Ion: 117 Resp: 213943
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.0 25.5 38.3



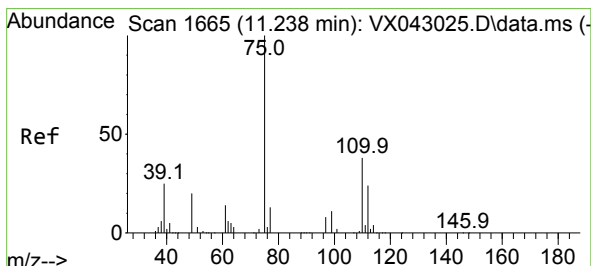
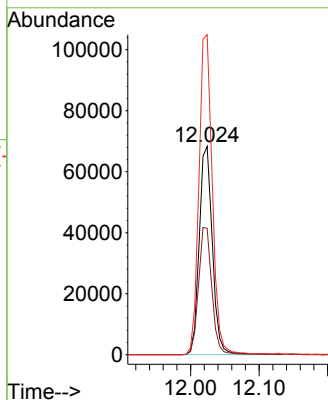
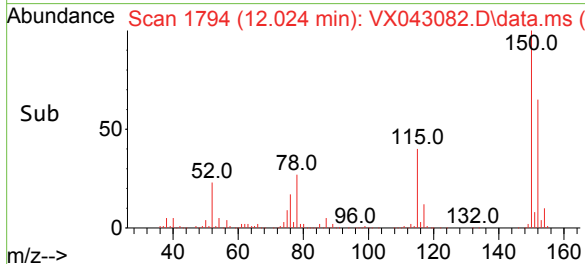


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

Instrument :
 MSVOA_X
 ClientSampleId :

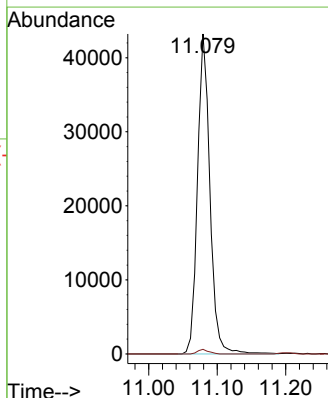
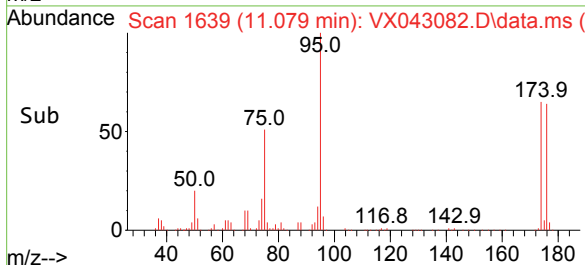
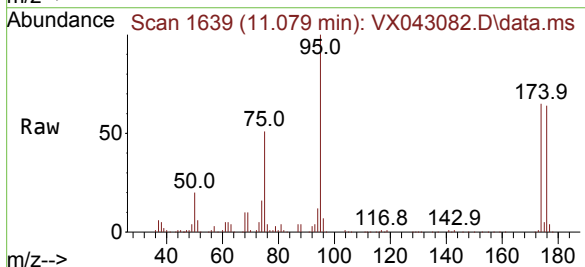


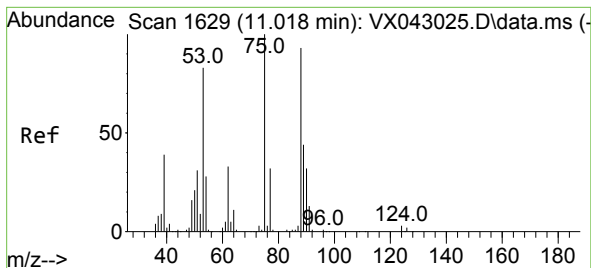
Tgt Ion:152 Resp: 91721
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.962 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

Tgt Ion: 75 Resp: 54574
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

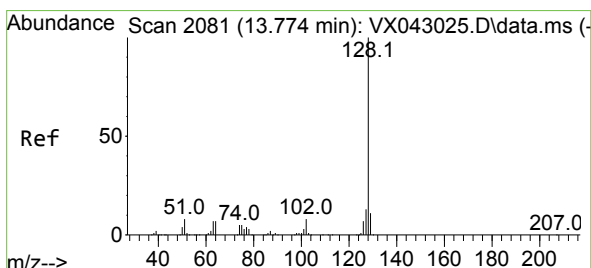
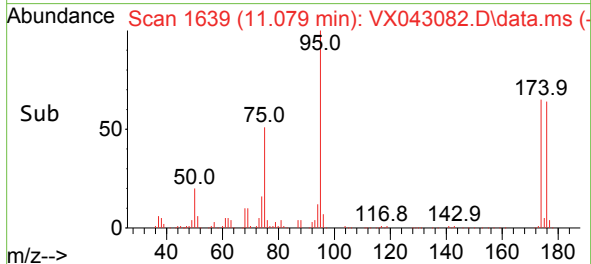
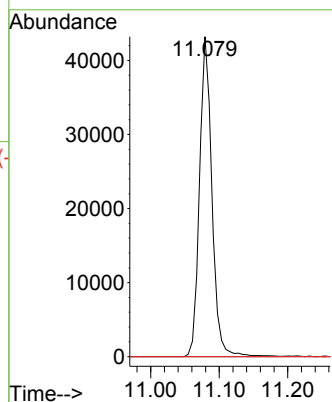
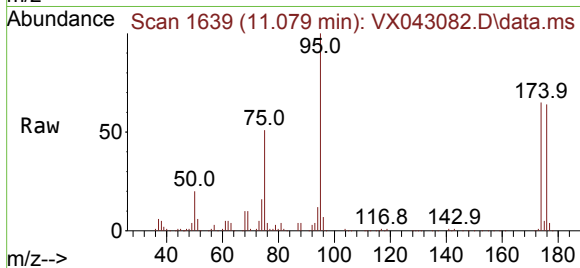




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.628 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 54574
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#95
 Naphthalene
 Concen: 0.211 ug/l
 RT: 13.786 min Scan# 2083
 Delta R.T. 0.012 min
 Lab File: VX043082.D
 Acq: 21 Aug 2024 12:40

Tgt Ion: 128 Resp: 1430
 Ion Ratio Lower Upper
 128 100
 127 3.9 10.3 15.5#
 129 0.0 8.8 13.2#

