

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037511.D
 Acq On : 05 Sep 2023 14:44
 Operator : JC/MD
 Sample : 04266-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-26.5-083123-FD

Quant Time: Sep 06 02:54:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

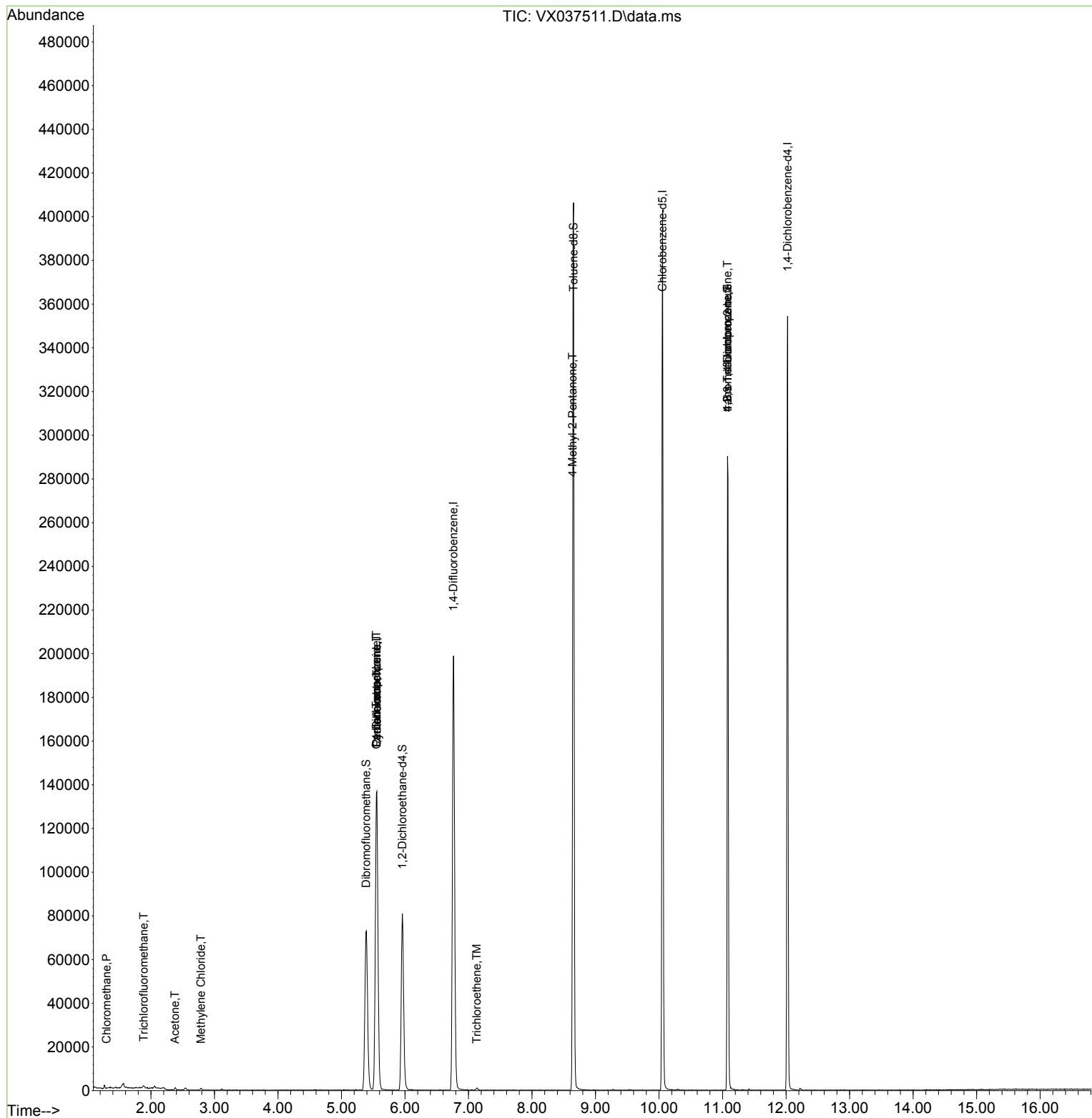
Internal Standards						
1) Pentafluorobenzene	5.556	168	130597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79270	42.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.200%
35) Dibromofluoromethane	5.385	113	67062	46.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	8.653	98	252711	48.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	87138	42.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	327	0.246	ug/l #	43
7) Trichlorofluoromethane	1.886	101	771	0.326	ug/l	96
16) Acetone	2.380	43	982	1.333	ug/l	91
20) Methylene Chloride	2.788	84	552	0.335	ug/l #	73
31) Cyclohexane	5.556	56	2315	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9815	4.837	ug/l #	52
38) Carbon Tetrachloride	5.550	117	13720	6.224	ug/l #	15
44) Trichloroethene	7.129	130	467	0.283	ug/l	74
51) 4-Methyl-2-Pentanone	8.641	43	760	0.380	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41318	24.995	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41318	69.812	ug/l #	5

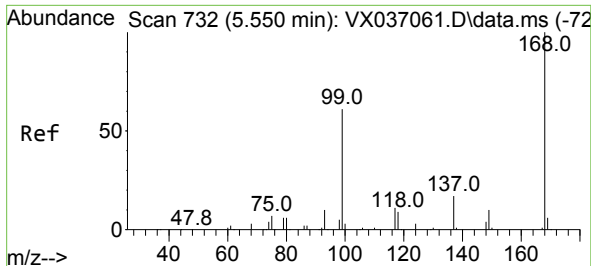
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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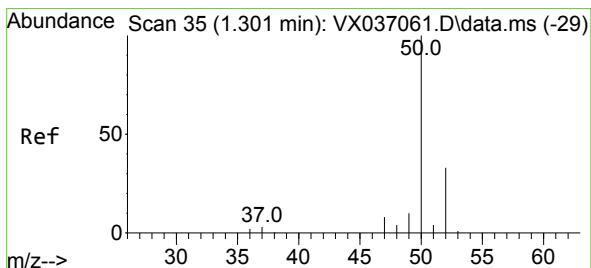
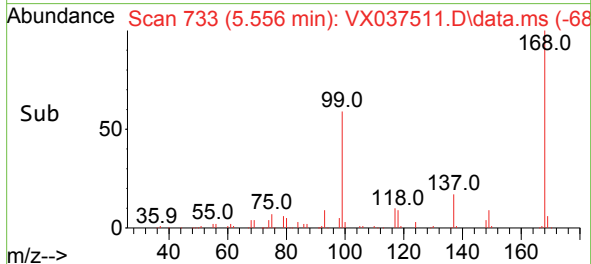
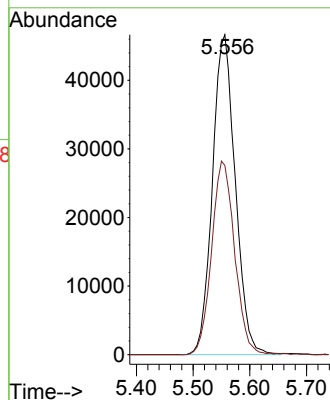
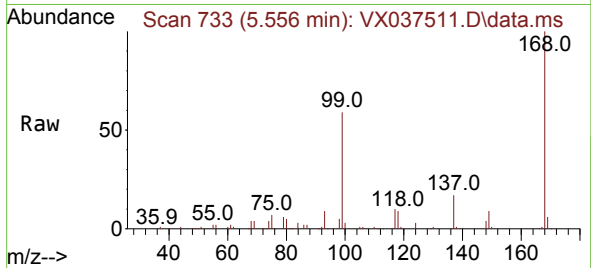




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

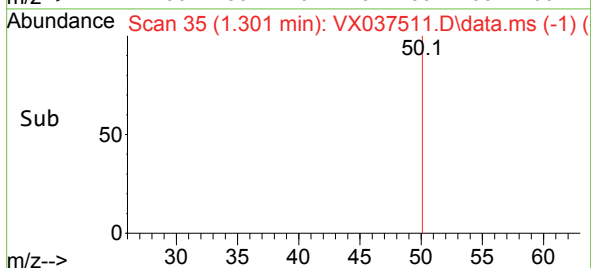
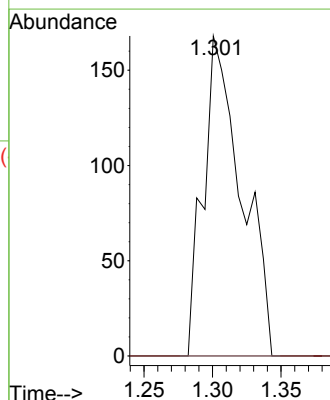
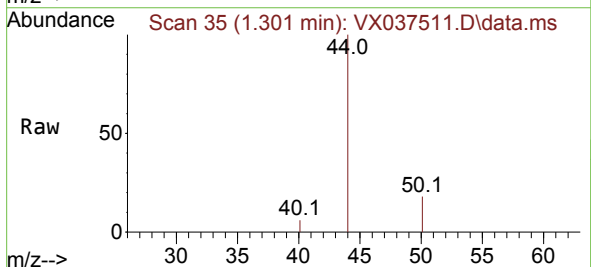
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123-FD

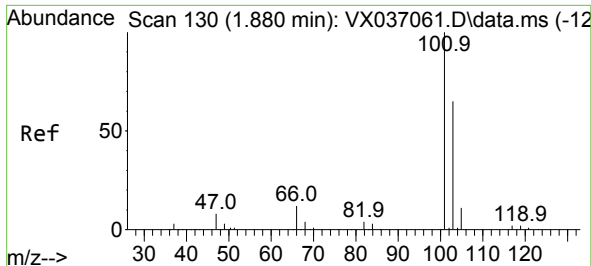
Tgt Ion:168 Resp: 130597
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

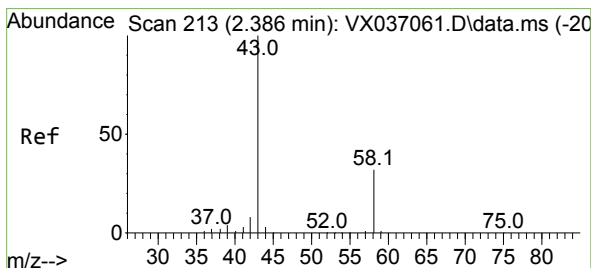
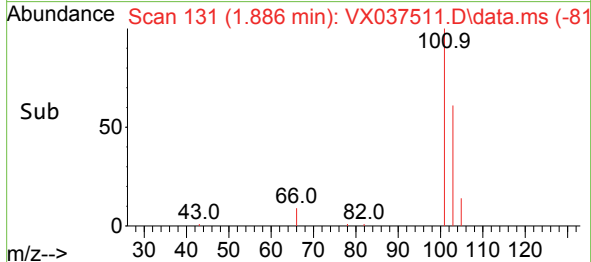
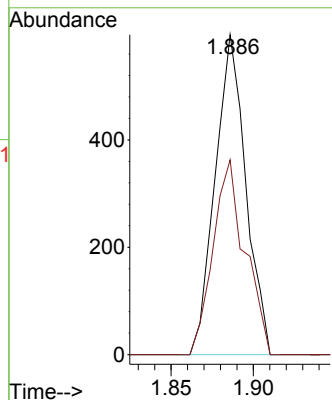
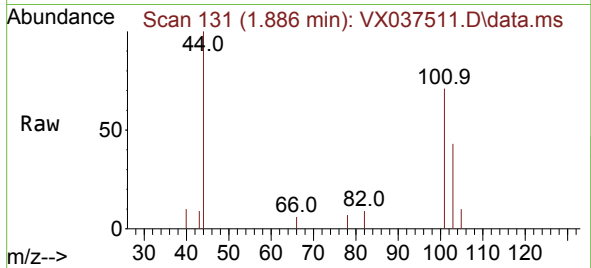




#7
 Trichlorofluoromethane
 Concen: 0.326 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX037511.D
 Acq: 05 Sep 2023 14:44

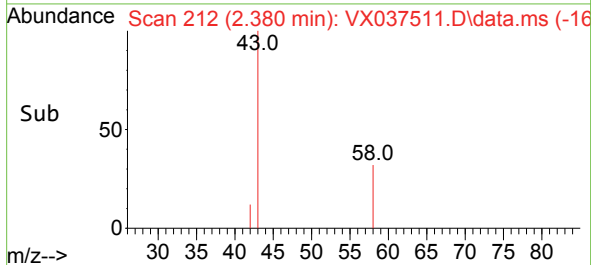
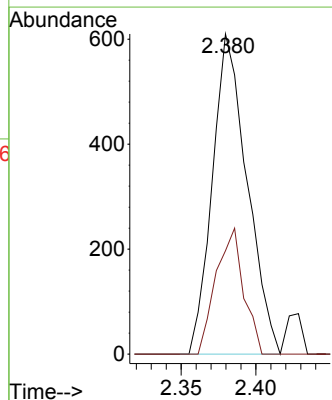
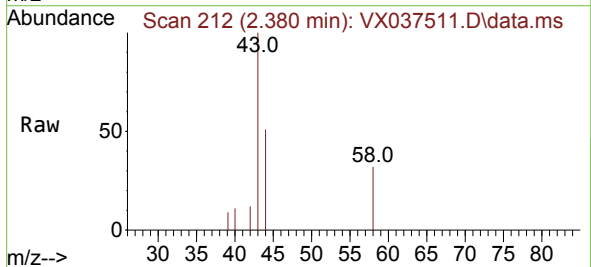
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-26.5-083123-FD

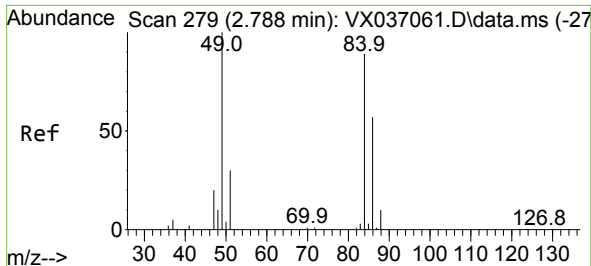
Tgt Ion:101 Resp: 771
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.4 77.2



#16
 Acetone
 Concen: 1.333 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX037511.D
 Acq: 05 Sep 2023 14:44

Tgt Ion: 43 Resp: 982
 Ion Ratio Lower Upper
 43 100
 58 32.3 21.9 32.9

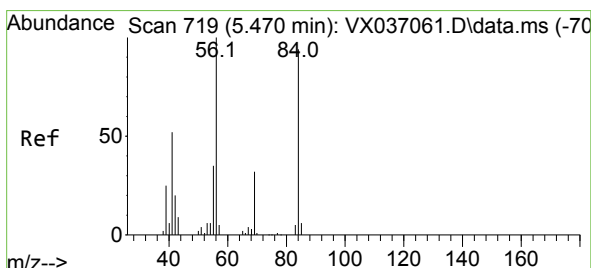
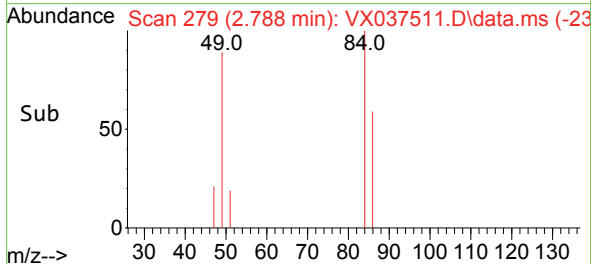
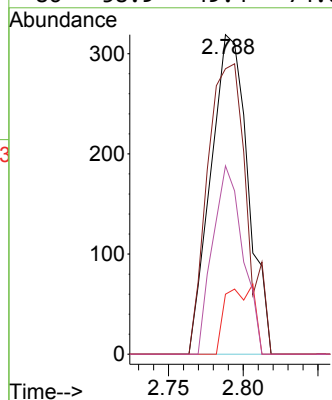
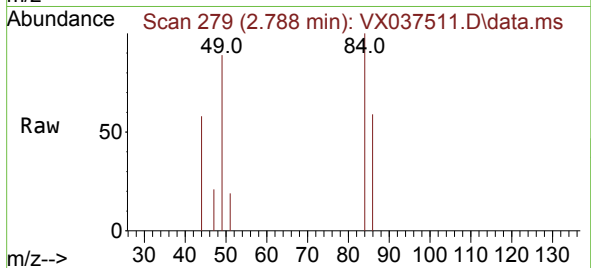




#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

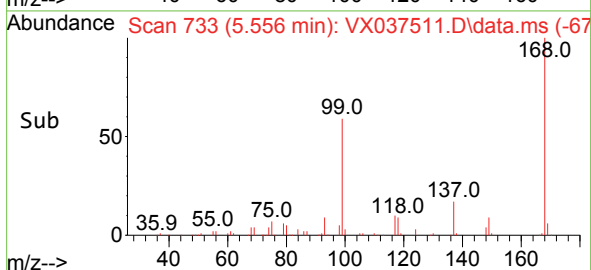
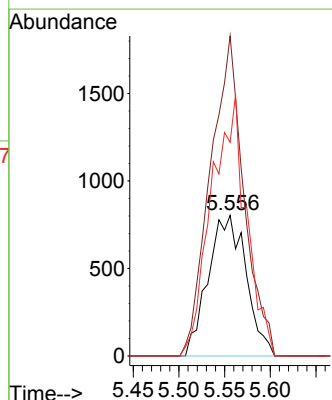
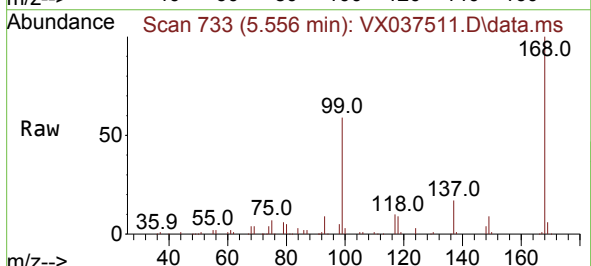
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123-FD

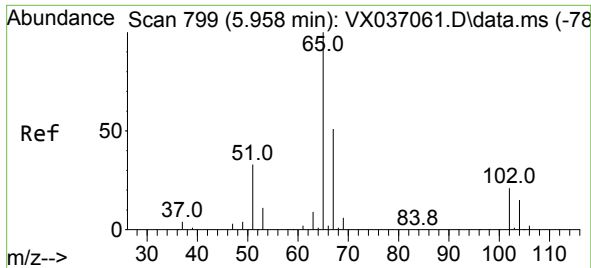
Tgt Ion:	84	Resp:	552
Ion	Ratio	Lower	Upper
84	100		
49	89.3	103.6	155.4#
51	18.8	33.8	50.6#
86	58.9	49.4	74.0



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

Tgt Ion:	56	Resp:	2315
Ion	Ratio	Lower	Upper
56	100		
69	227.5	23.4	35.2#
84	151.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.102 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037511.D

Acq: 05 Sep 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

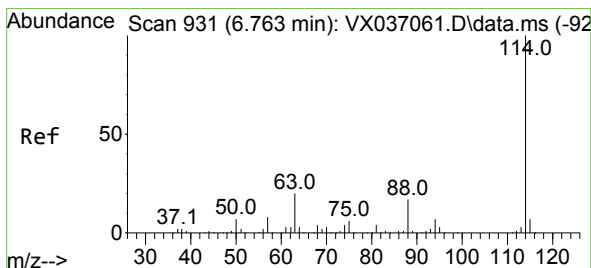
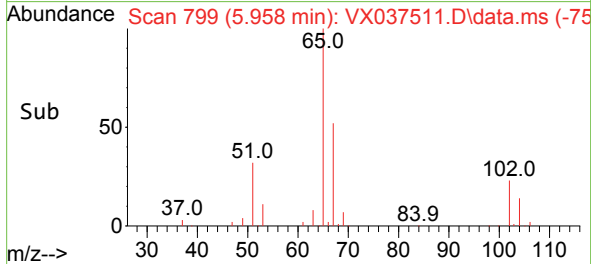
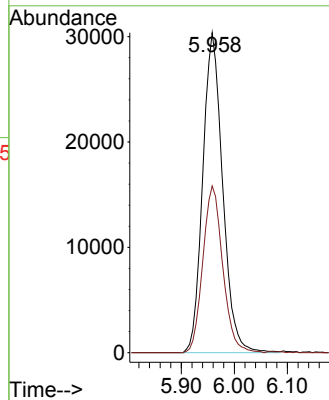
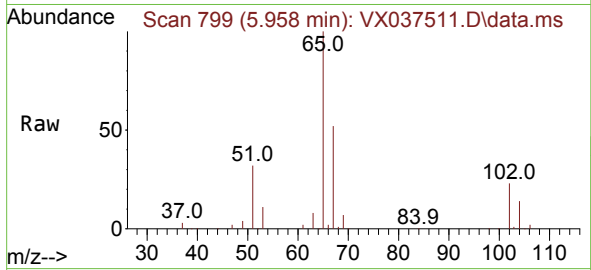
OW-04B-26.5-083123-FD

Tgt Ion: 65 Resp: 79270

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037511.D

Acq: 05 Sep 2023 14:44

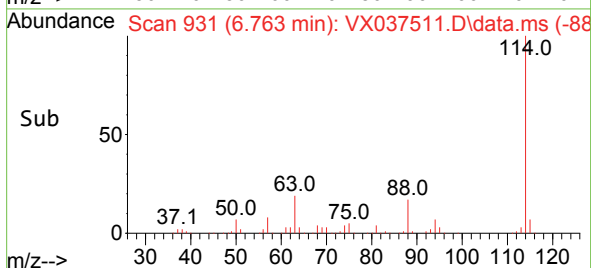
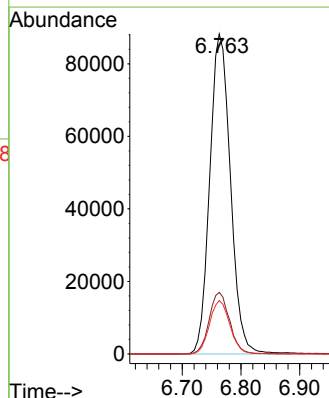
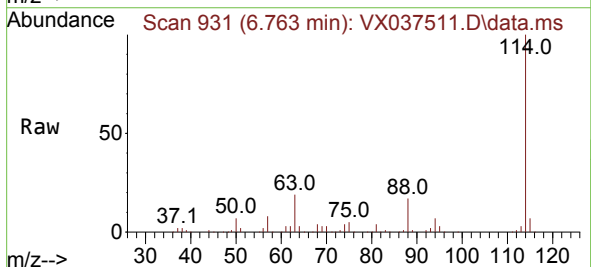
Tgt Ion: 114 Resp: 215662

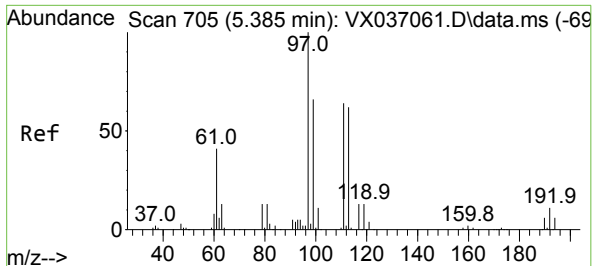
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 16.7 0.0 36.6

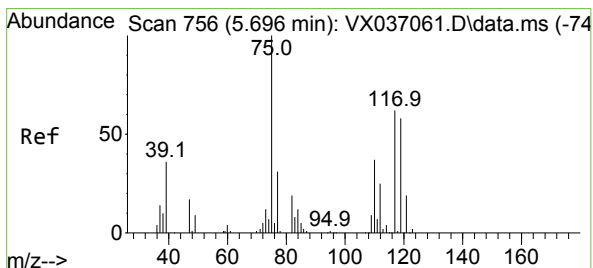
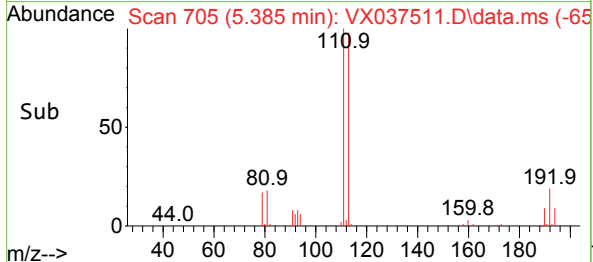
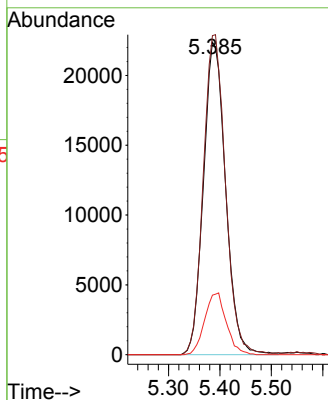
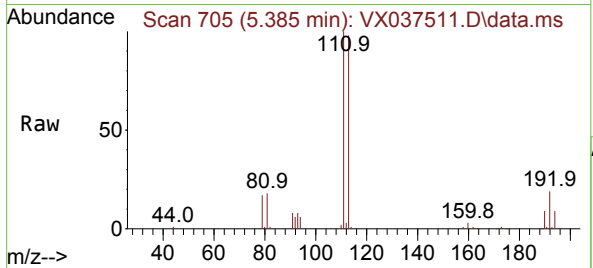




#35
Dibromofluoromethane
Concen: 46.953 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

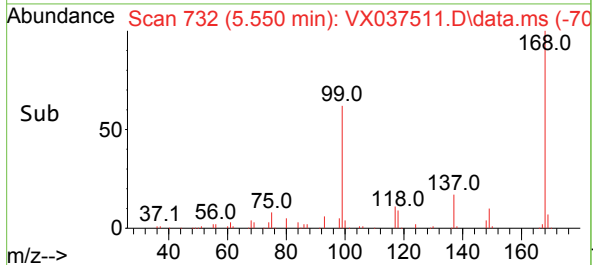
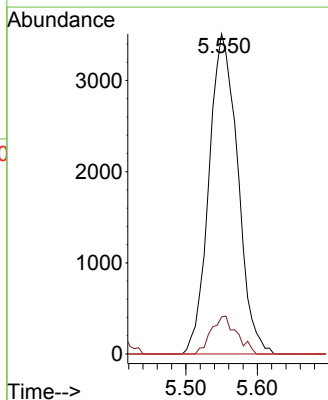
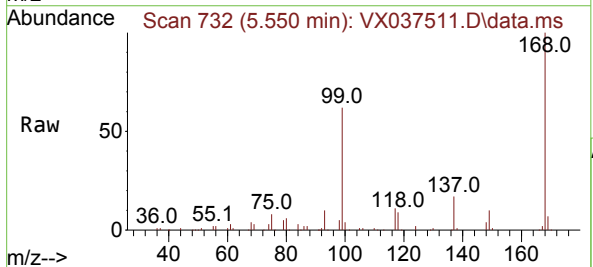
Instrument :
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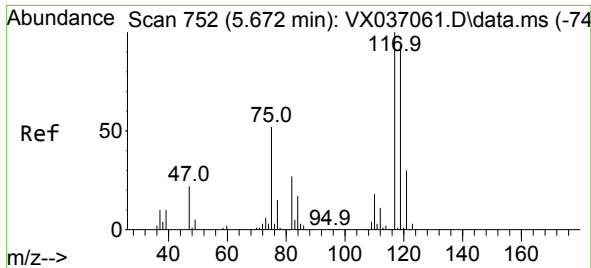
Tgt Ion:	113	Resp:	67062
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	19.3	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

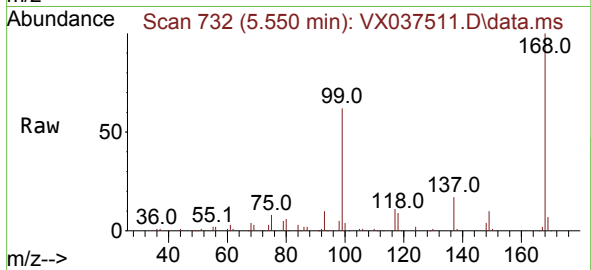
Tgt Ion:	75	Resp:	9815
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.0	50.9#
77	0.0	24.7	37.1#



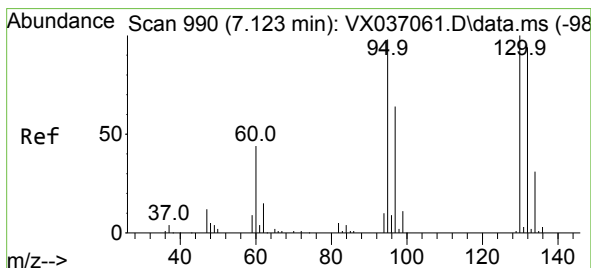
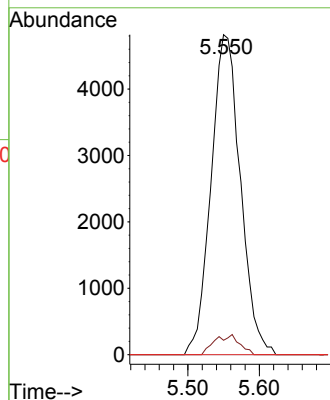
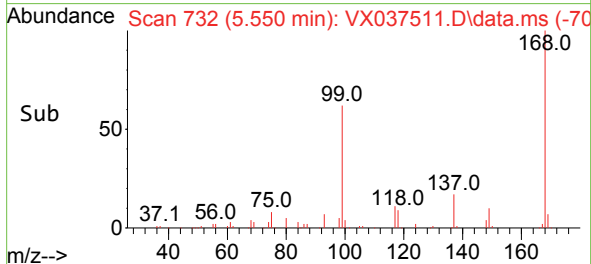


#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123-FD

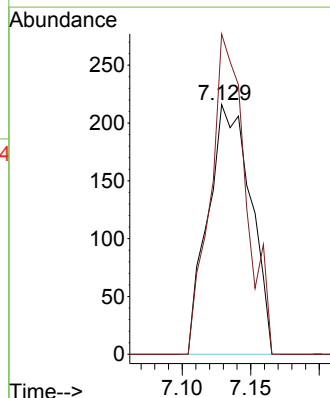
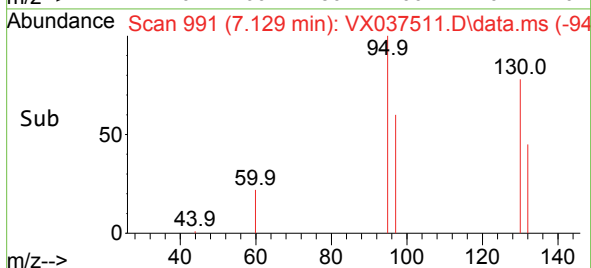
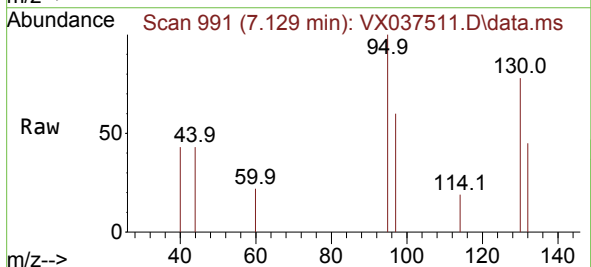


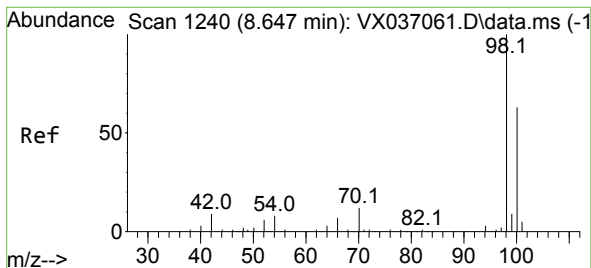
Tgt Ion:117 Resp: 13720
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.283 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

Tgt Ion:130 Resp: 467
Ion Ratio Lower Upper
130 100
95 128.2 0.0 204.4





#50

Toluene-d8

Concen: 48.777 ug/l

RT: 8.653 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX037511.D

Acq: 05 Sep 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

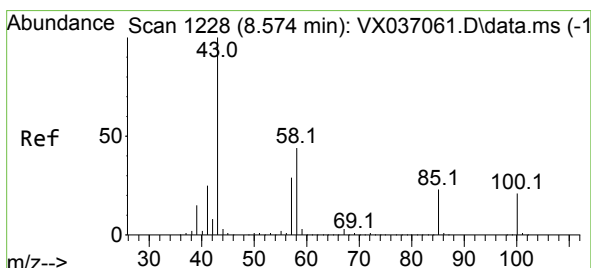
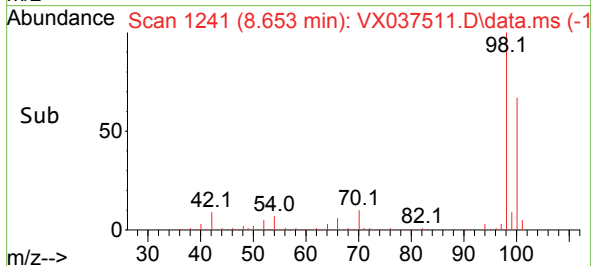
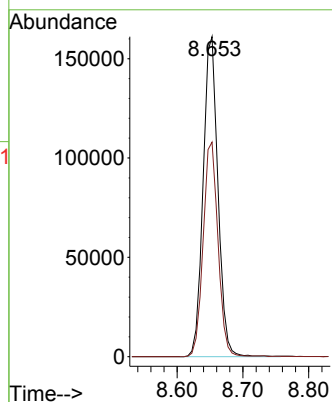
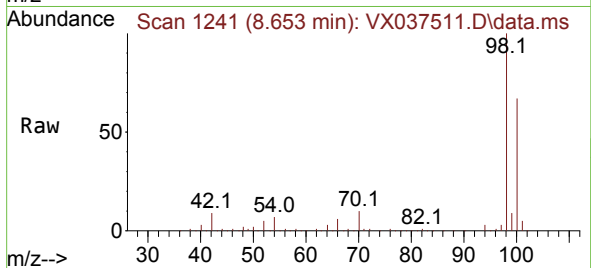
OW-04B-26.5-083123-FD

Tgt Ion: 98 Resp: 252711

Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.380 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX037511.D

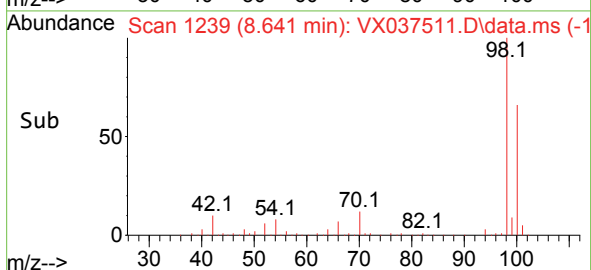
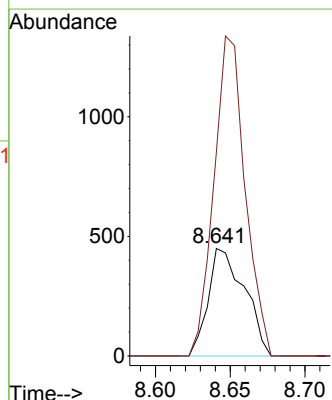
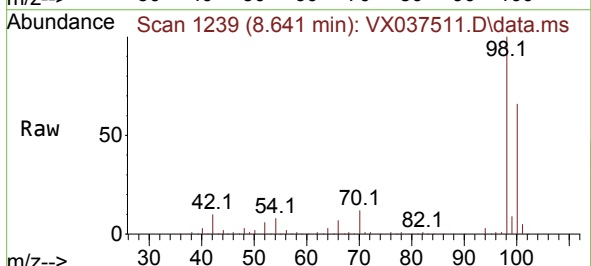
Acq: 05 Sep 2023 14:44

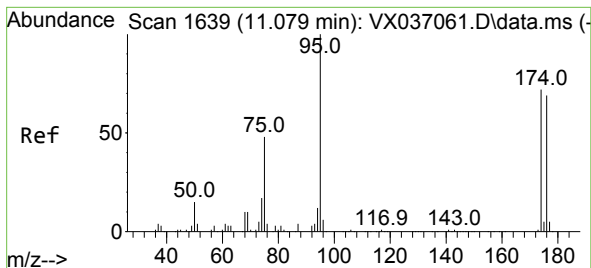
Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

58 256.1 30.4 45.6#

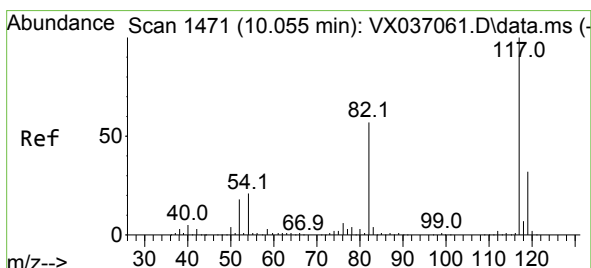
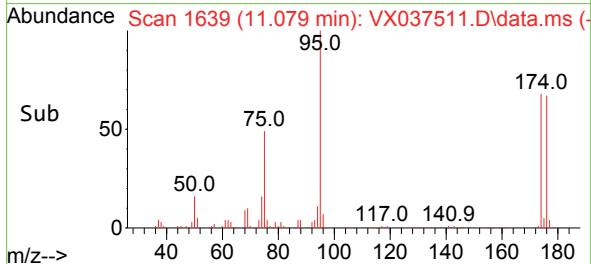
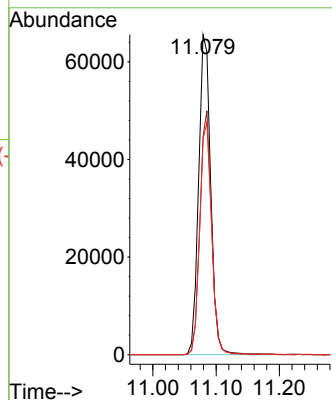
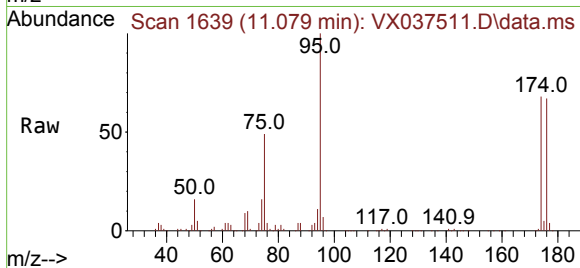




#62
4-Bromofluorobenzene
Concen: 42.798 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

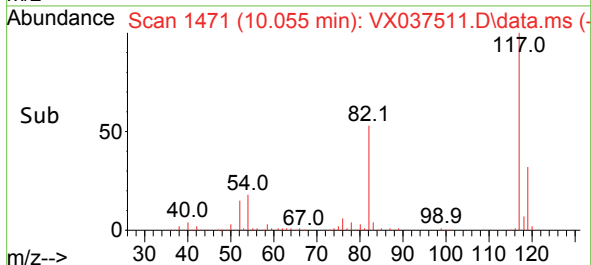
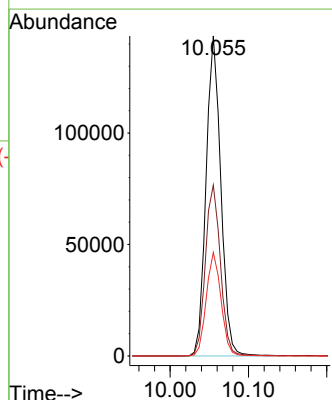
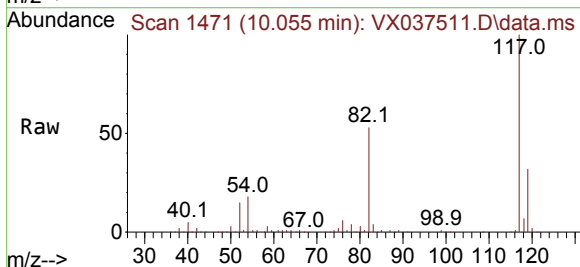
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123-FD

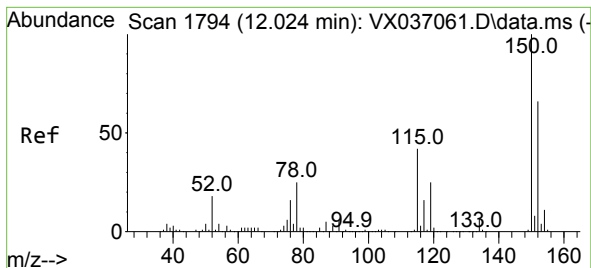
Tgt Ion: 95 Resp: 87138
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037511.D
Acq: 05 Sep 2023 14:44

Tgt Ion: 117 Resp: 187454
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.4 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: VX037511.D

Acq: 05 Sep 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

OW-04B-26.5-083123-FD

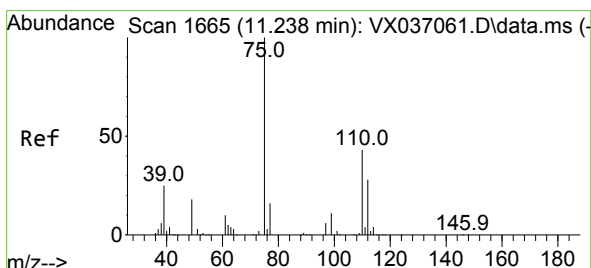
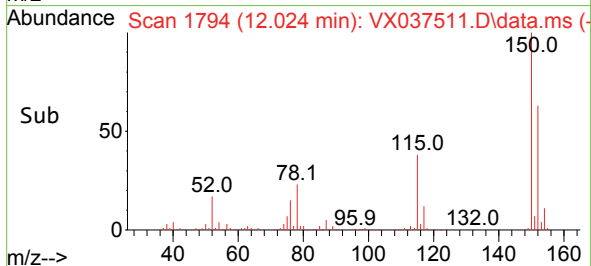
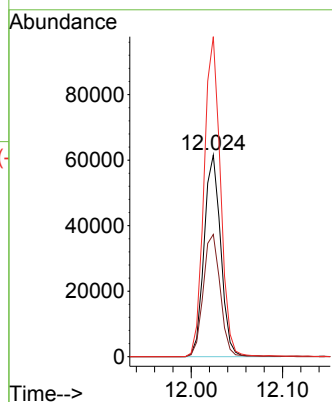
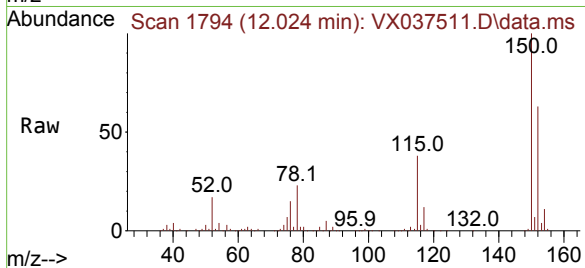
Tgt Ion:152 Resp: 77620

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.995 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037511.D

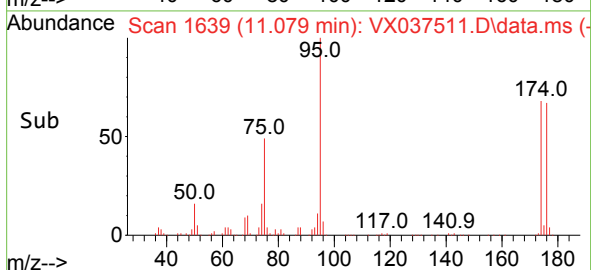
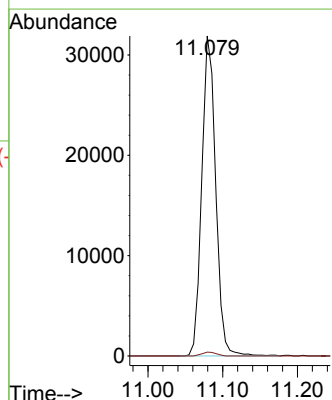
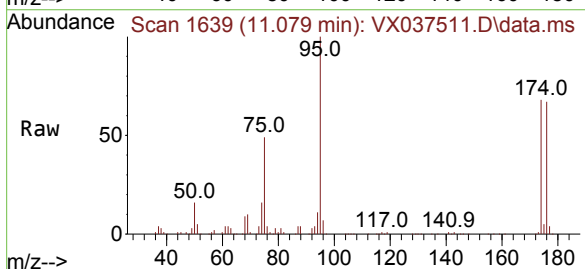
Acq: 05 Sep 2023 14:44

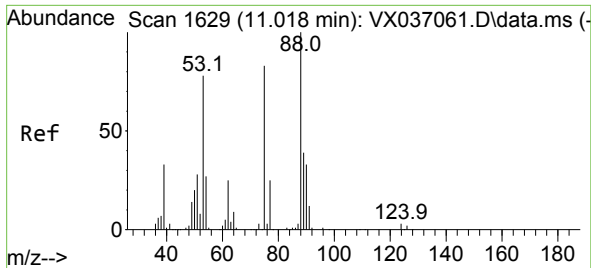
Tgt Ion: 75 Resp: 41318

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.812 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037511.D
 Acq: 05 Sep 2023 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-26.5-083123-FD

Tgt Ion: 75 Resp: 41318
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

