

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037495.D
 Acq On : 02 Sep 2023 20:02
 Operator : JC/MD
 Sample : 04270-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-05B-71.7-083123

Quant Time: Sep 04 04:33:21 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)

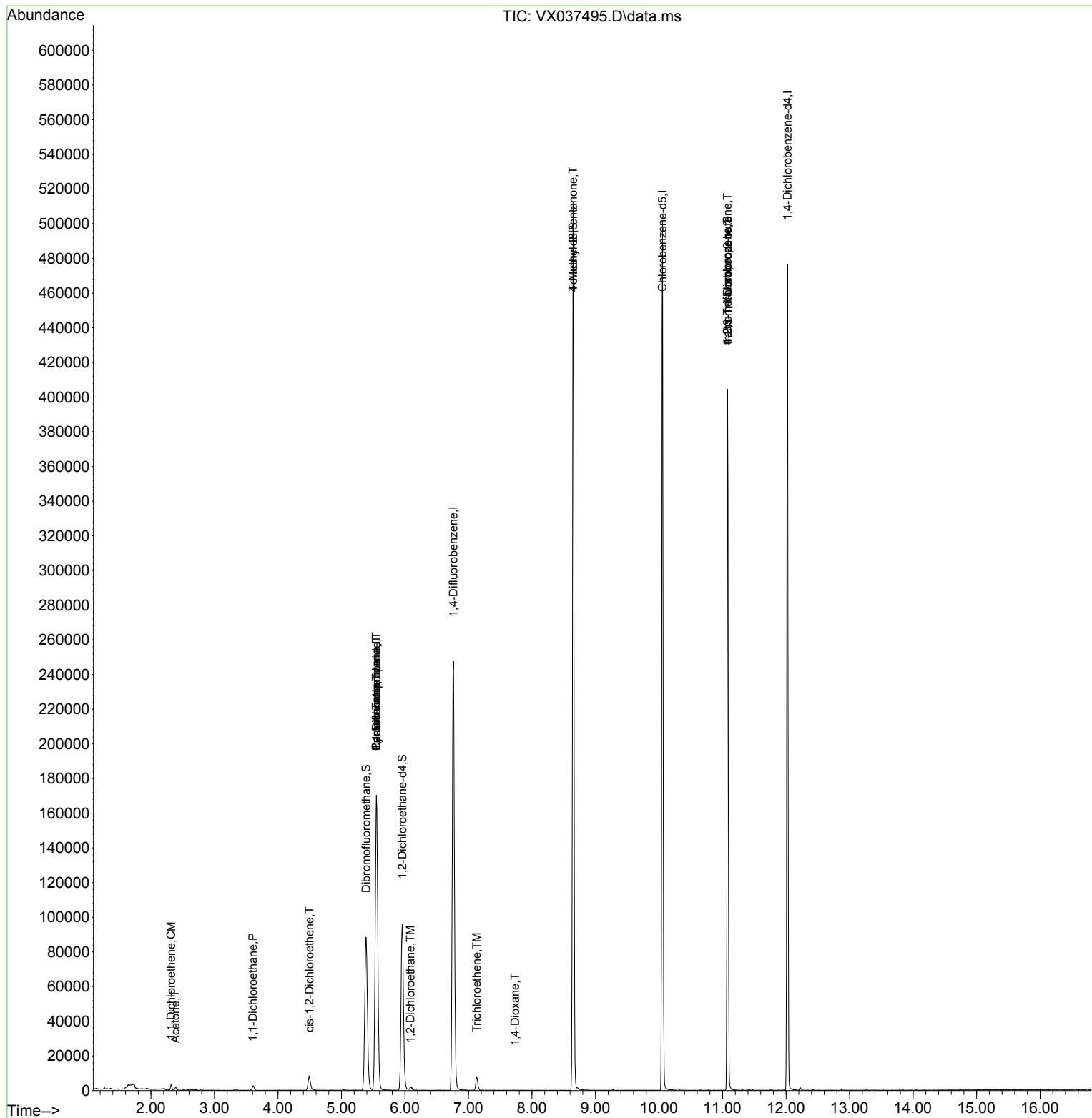
Internal Standards						
1) Pentafluorobenzene	5.550	168	161627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95669	41.057	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.120%
35) Dibromofluoromethane	5.385	113	79683	45.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	311488	48.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	112394	44.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.580%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1115	0.670	ug/l #	76
16) Acetone	2.386	43	1976	2.168	ug/l	92
24) 1,1-Dichloroethane	3.605	63	3037	0.916	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	5513	2.473	ug/l	79
31) Cyclohexane	5.550	56	2865	1.093	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12015	4.804	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16757	6.168	ug/l #	15
42) 1,2-Dichloroethane	6.086	62	2109	0.750	ug/l	98
44) Trichloroethene	7.129	130	3254	1.600	ug/l	91
49) 1,4-Dioxane	7.732	88	120	2.253	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	1098	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55211	24.562	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55211	68.602	ug/l #	5

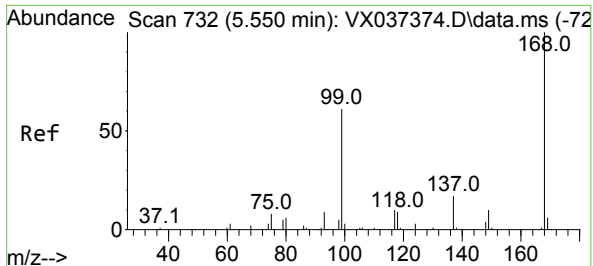
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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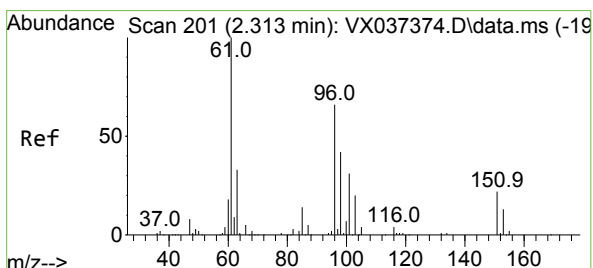
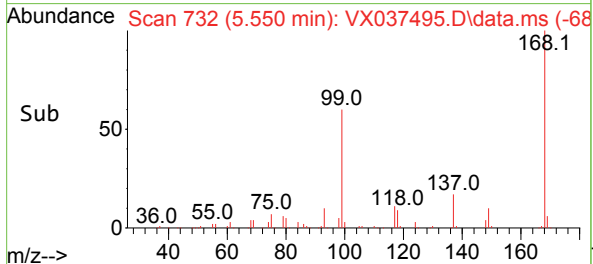
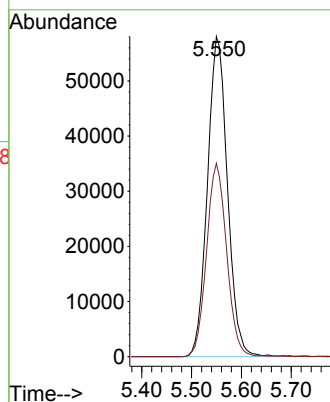
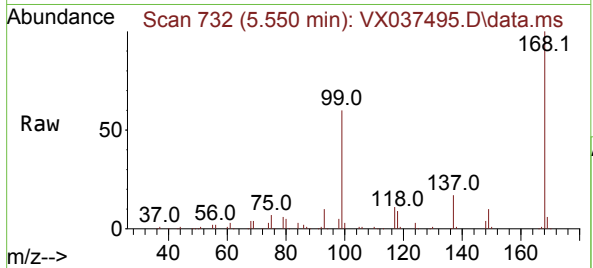




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

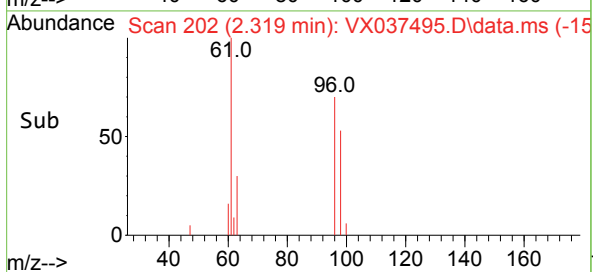
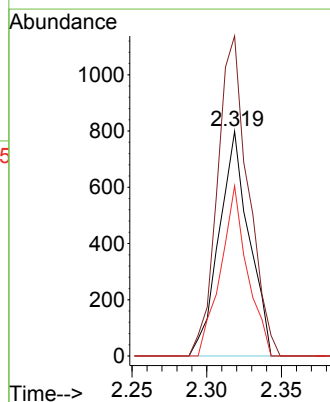
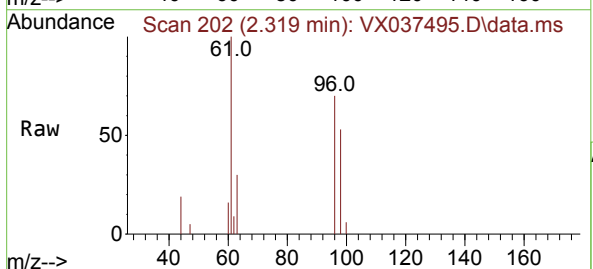
Instrument :
MSVOA_X
ClientSampleId :
OW-05B-71.7-083123

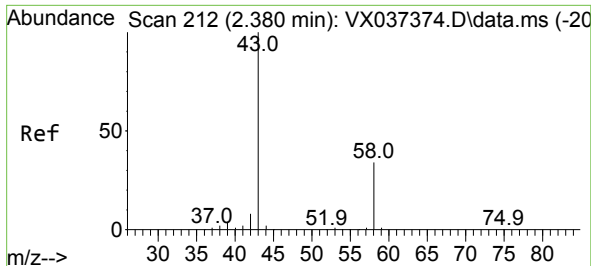
Tgt Ion:168 Resp: 161627
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.670 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

Tgt Ion: 96 Resp: 1115
Ion Ratio Lower Upper
96 100
61 142.4 144.6 216.8#
98 75.7 50.4 75.6#

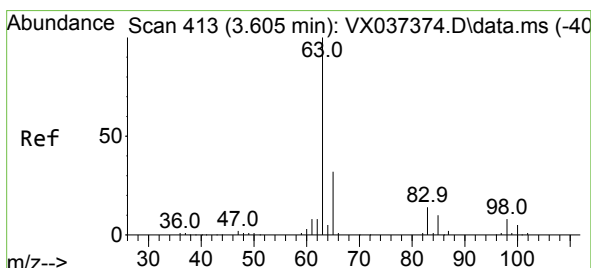
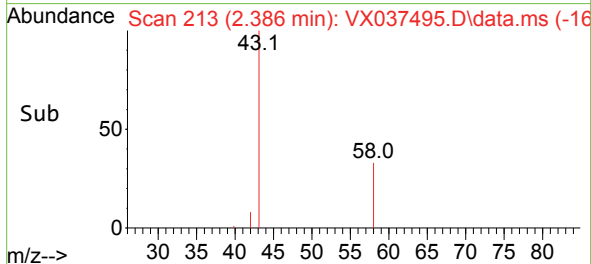
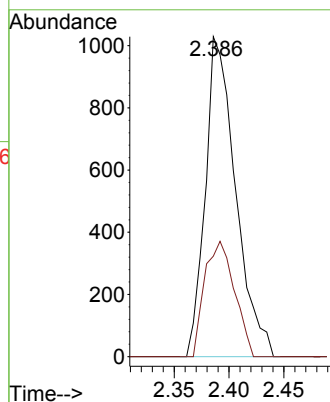
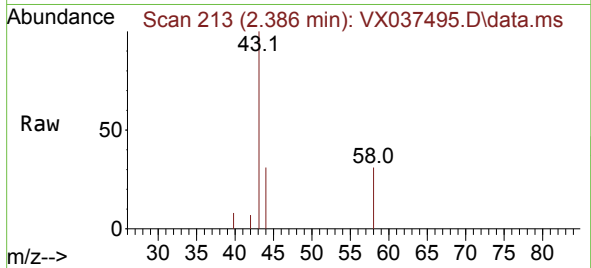




#16
Acetone
Concen: 2.168 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

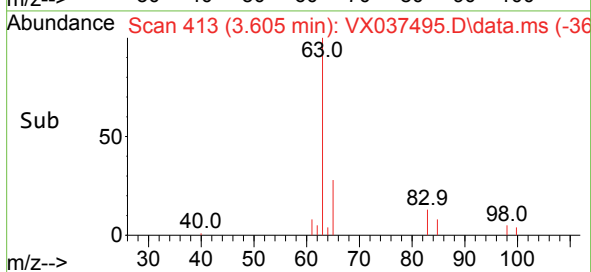
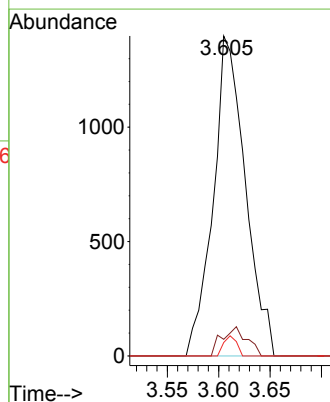
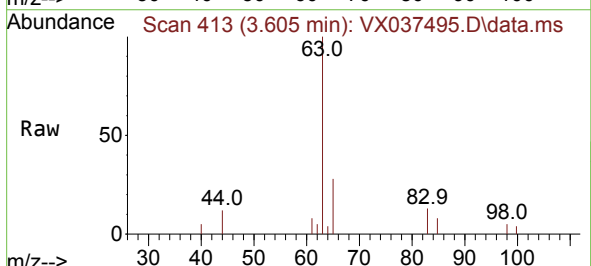
Instrument :
MSVOA_X
ClientSampleId :
OW-05B-71.7-083123

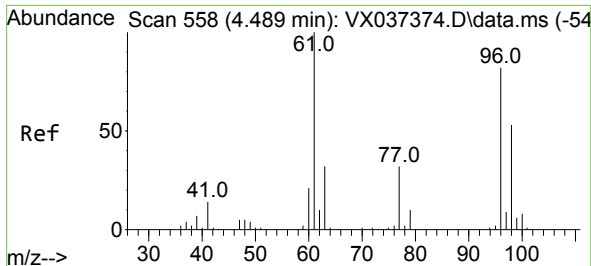
Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#24
1,1-Dichloroethane
Concen: 0.916 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

Tgt Ion: 63 Resp: 3037
Ion Ratio Lower Upper
63 100
98 5.2 3.3 9.8
100 4.2 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 2.473 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037495.D

Acq: 02 Sep 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :

OW-05B-71.7-083123

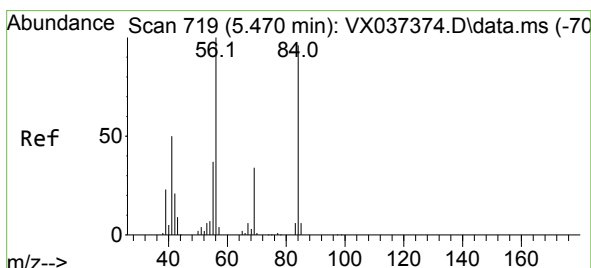
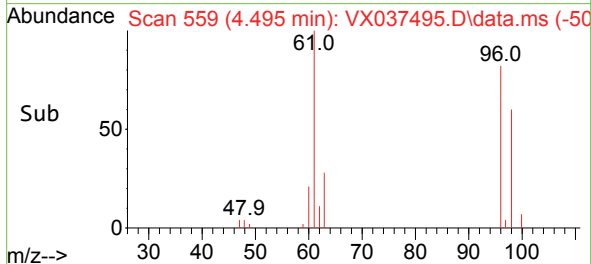
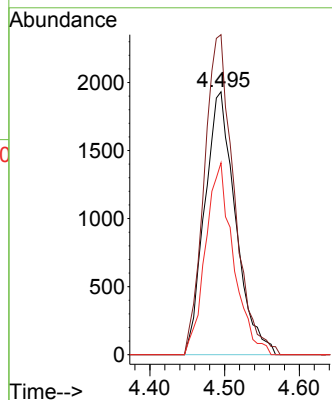
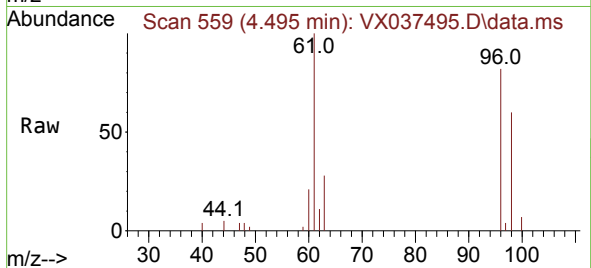
Tgt Ion: 96 Resp: 5513

Ion Ratio Lower Upper

96 100

61 118.3 0.0 312.2

98 66.4 0.0 129.0



#31

Cyclohexane

Concen: 1.093 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037495.D

Acq: 02 Sep 2023 20:02

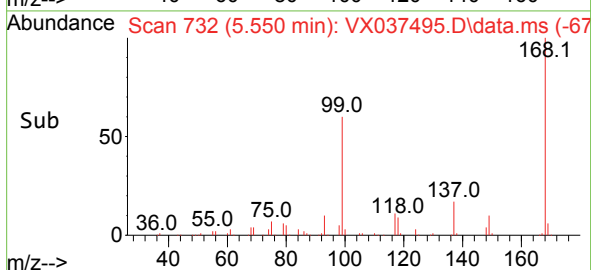
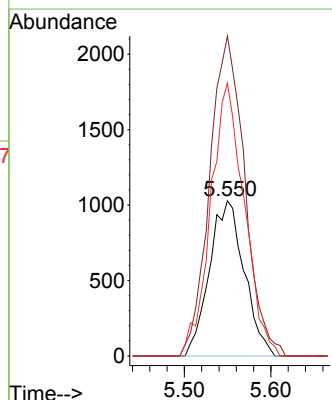
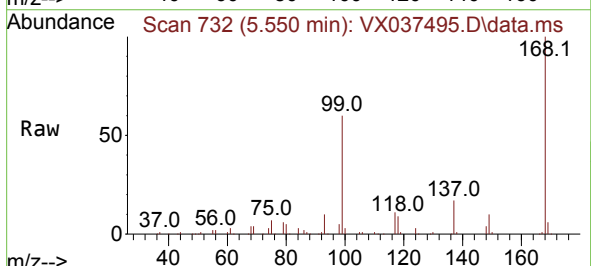
Tgt Ion: 56 Resp: 2865

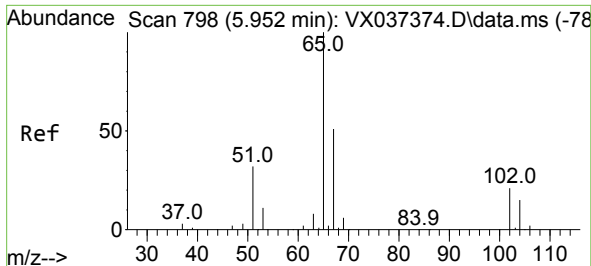
Ion Ratio Lower Upper

56 100

69 206.1 23.4 35.2#

84 175.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.057 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX037495.D

Acq: 02 Sep 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :

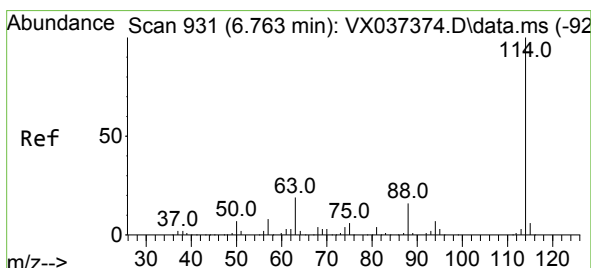
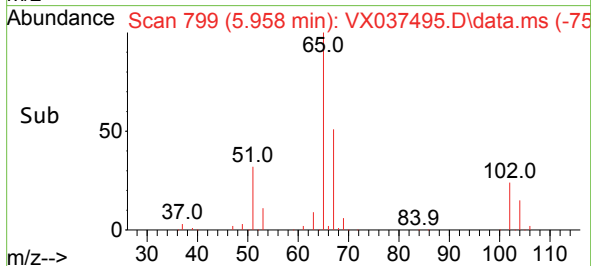
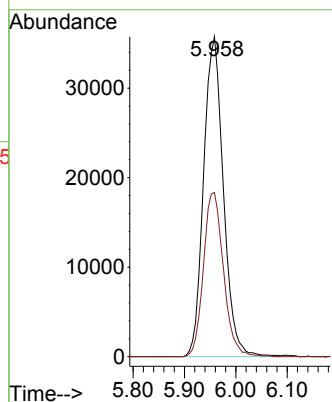
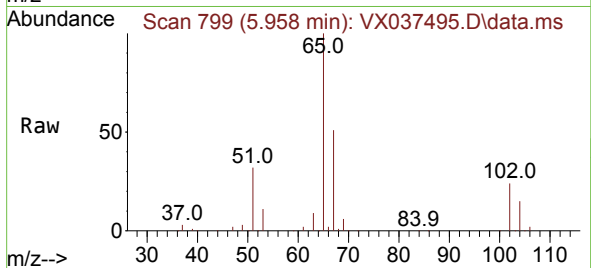
OW-05B-71.7-083123

Tgt Ion: 65 Resp: 95669

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: VX037495.D

Acq: 02 Sep 2023 20:02

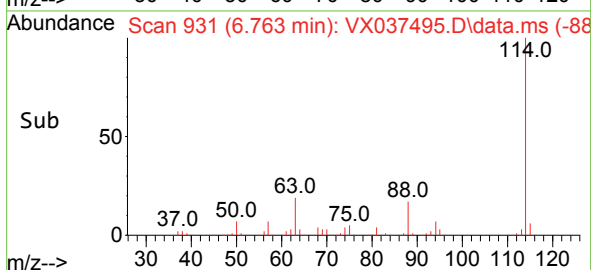
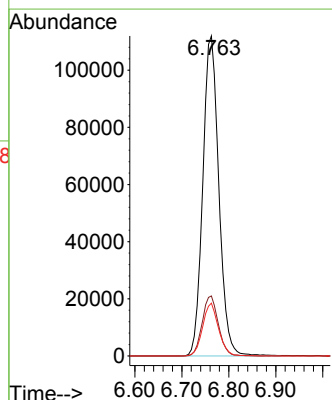
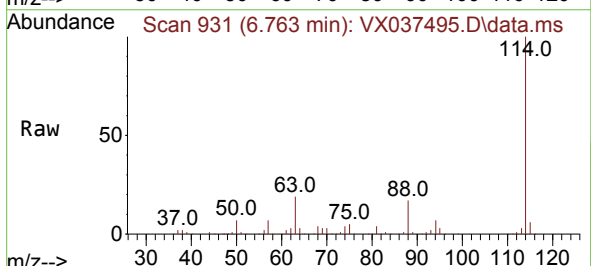
Tgt Ion: 114 Resp: 265799

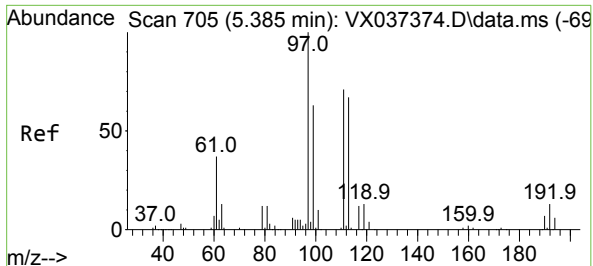
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 16.5 0.0 36.6

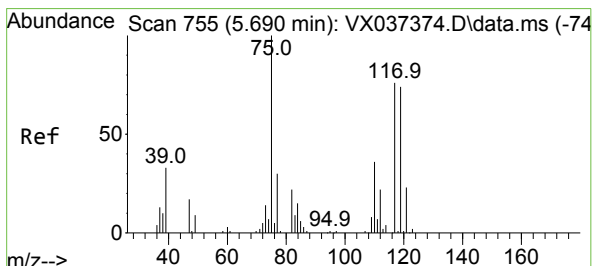
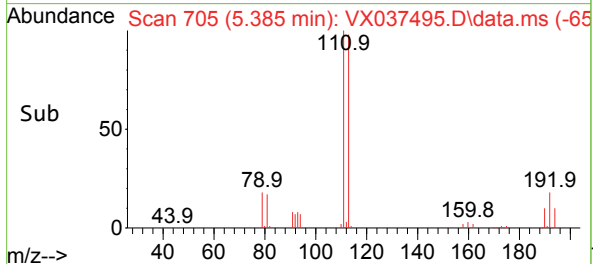
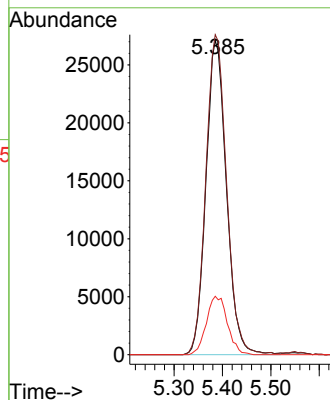
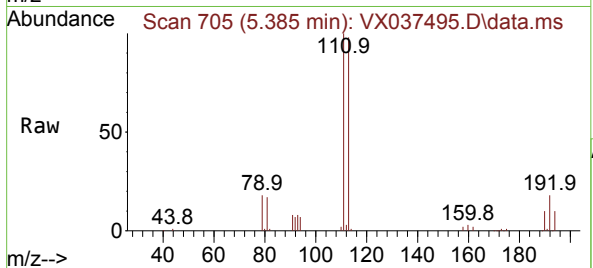




#35
Dibromofluoromethane
Concen: 45.266 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

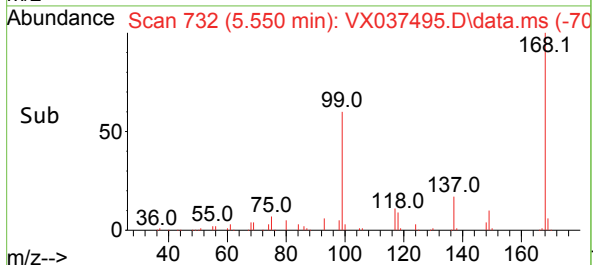
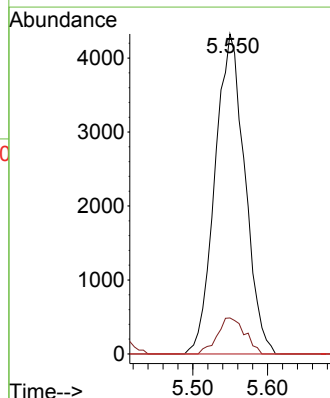
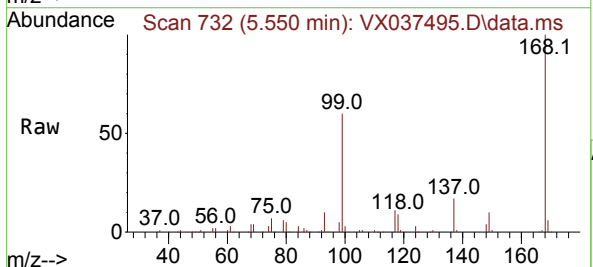
Instrument :
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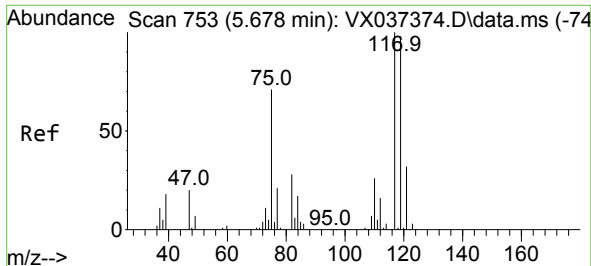
Tgt Ion:113 Resp: 79683
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

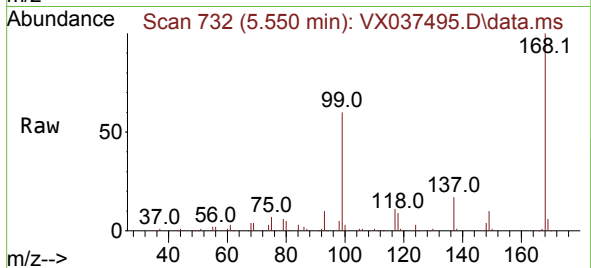
Tgt Ion: 75 Resp: 12015
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



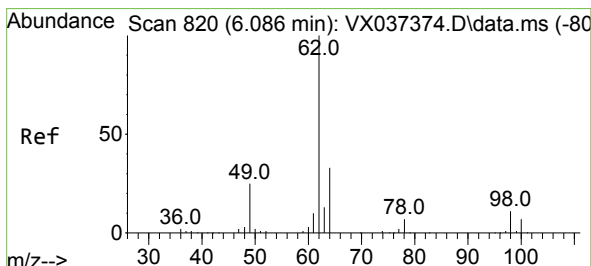
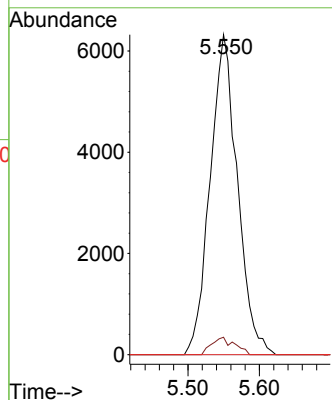
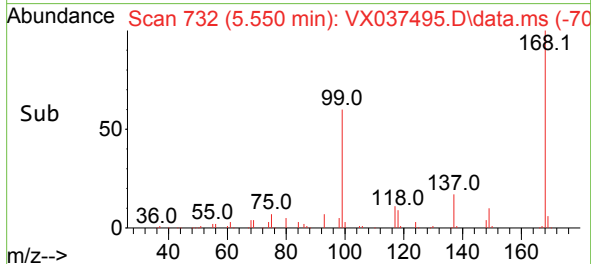


#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

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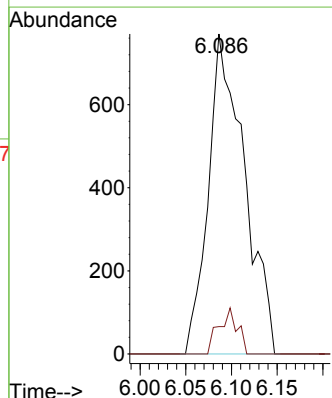
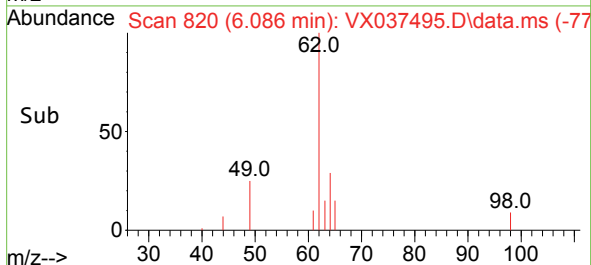
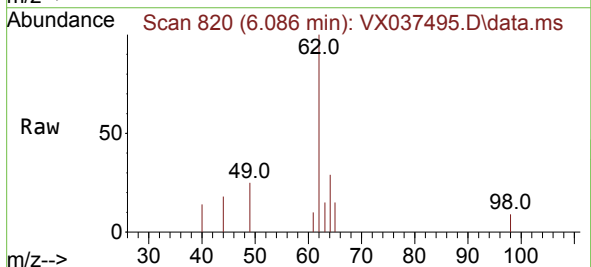


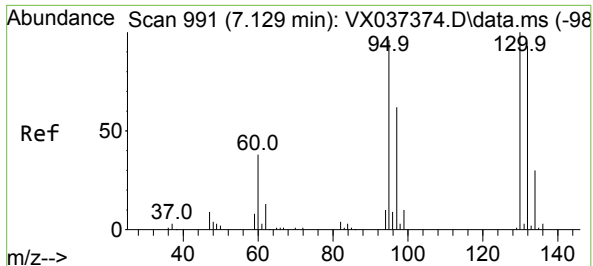
Tgt Ion:117 Resp: 16757
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.750 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

Tgt Ion: 62 Resp: 2109
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0

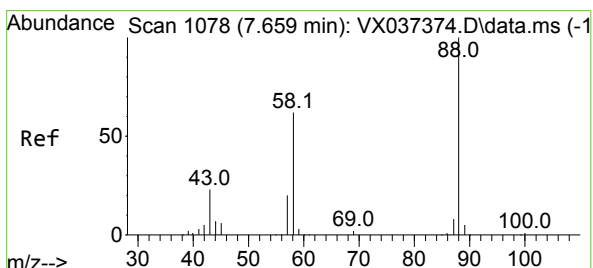
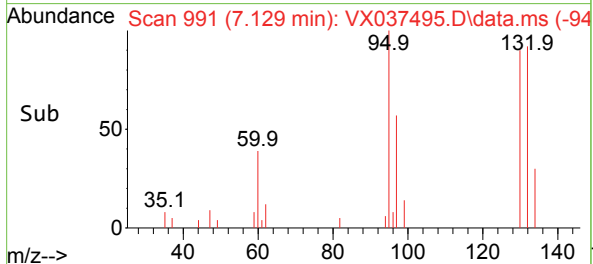
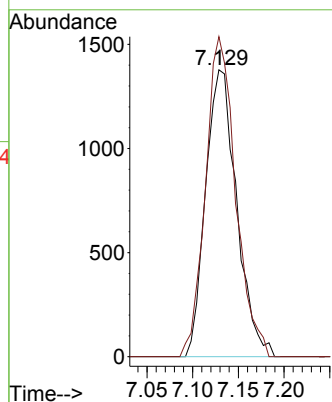
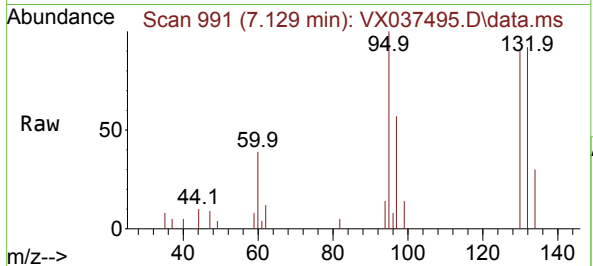




#44
Trichloroethene
Concen: 1.600 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

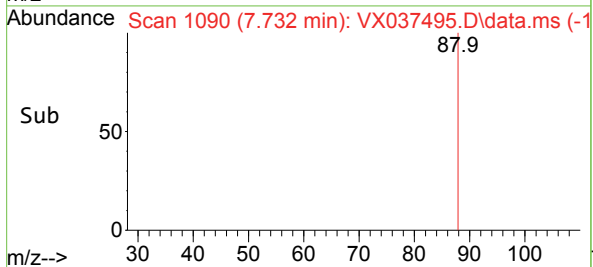
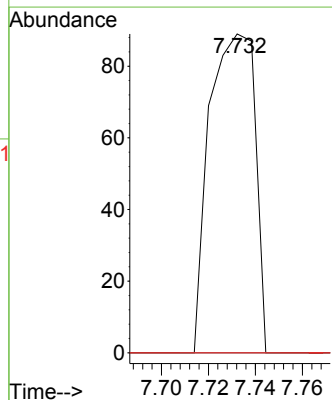
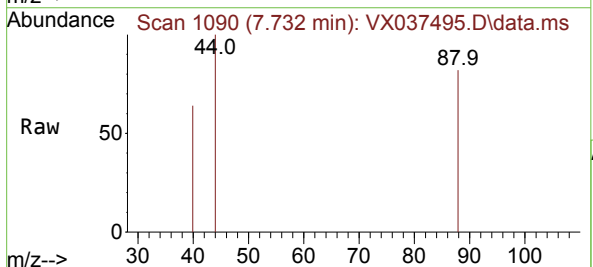
Instrument :
MSVOA_X
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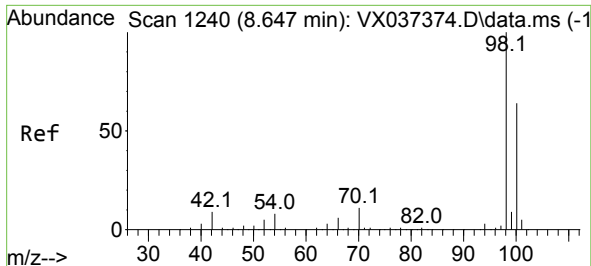
Tgt Ion:130 Resp: 3254
Ion Ratio Lower Upper
130 100
95 111.5 0.0 204.4



#49
1,4-Dioxane
Concen: 2.253 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.073 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

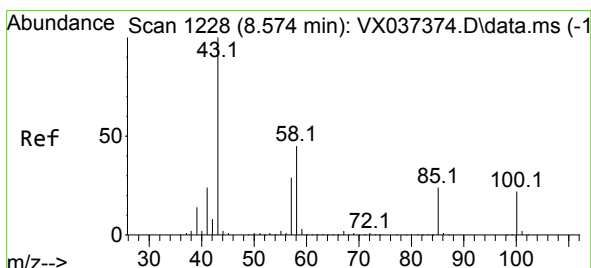
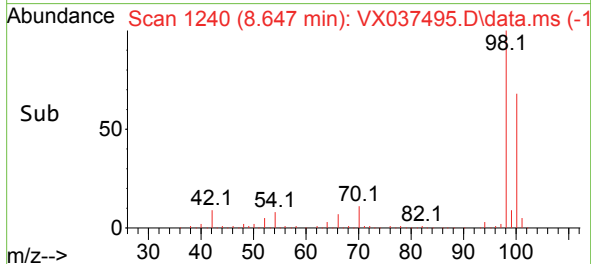
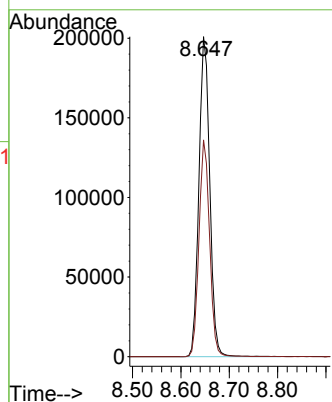
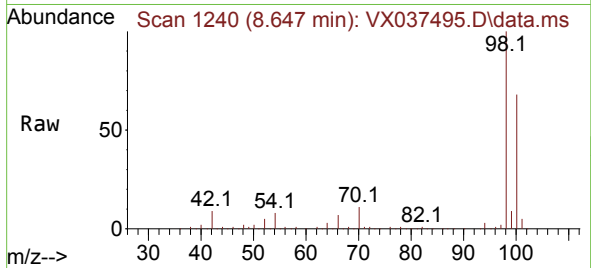




#50
Toluene-d8
Concen: 48.782 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

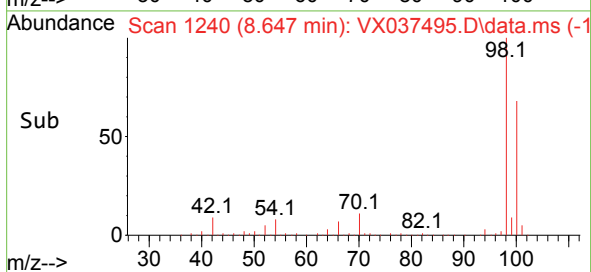
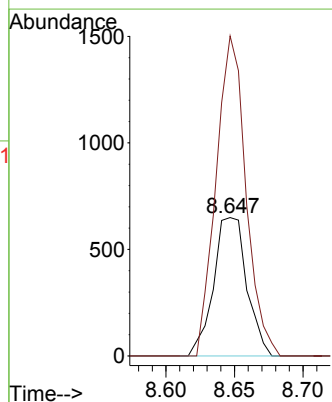
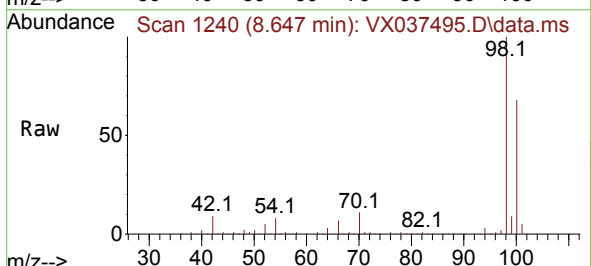
Instrument :
MSVOA_X
ClientSampleId :
OW-05B-71.7-083123

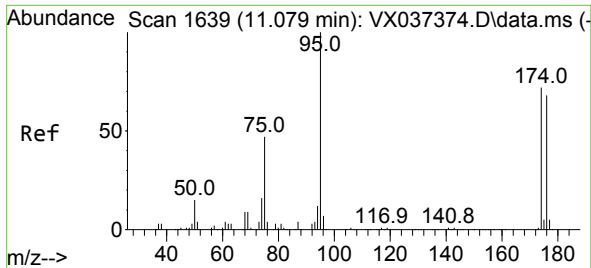
Tgt Ion: 98 Resp: 311488
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 207.5 30.4 45.6#

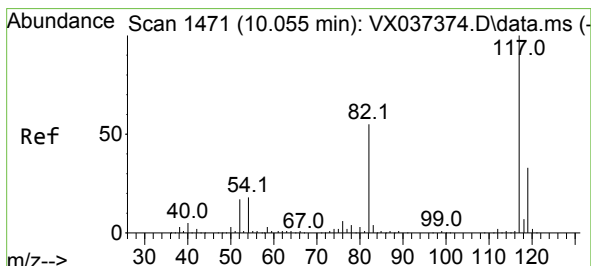
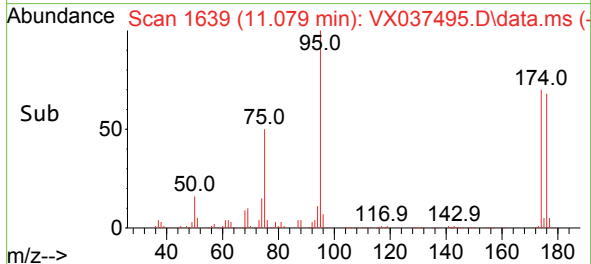
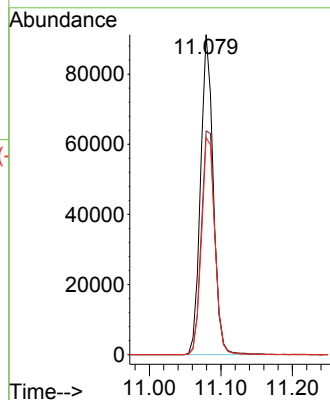
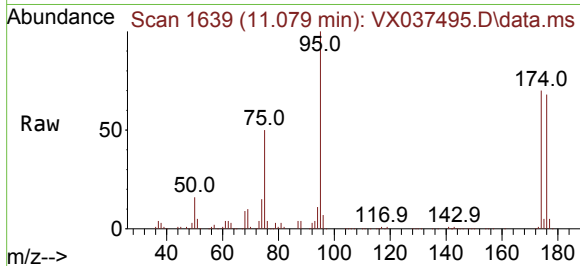




#62
4-Bromofluorobenzene
Concen: 44.790 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

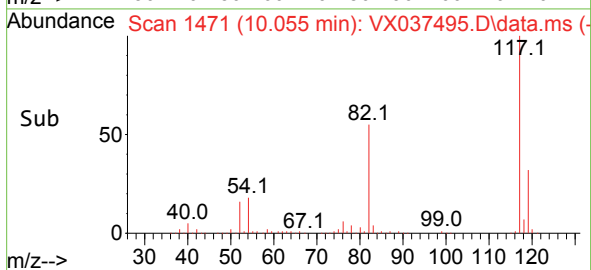
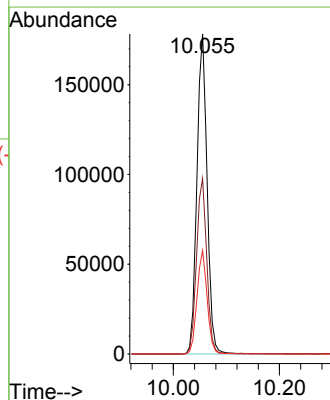
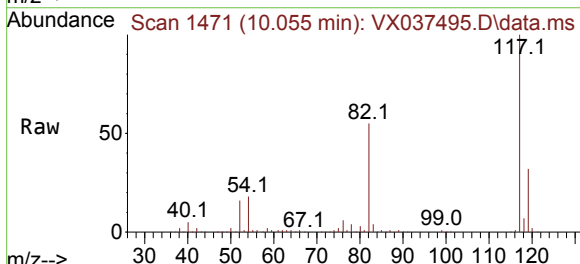
Instrument :
MSVOA_X
ClientSampleId :
OW-05B-71.7-083123

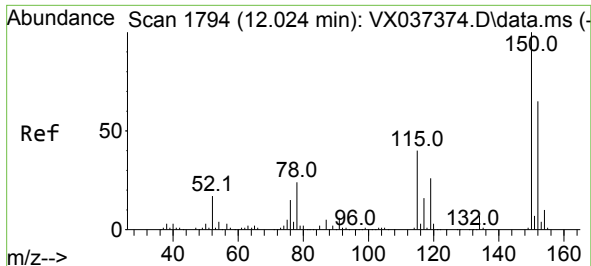
Tgt Ion: 95 Resp: 112394
Ion Ratio Lower Upper
95 100
174 75.0 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

Tgt Ion: 117 Resp: 237816
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.3 25.5 38.3

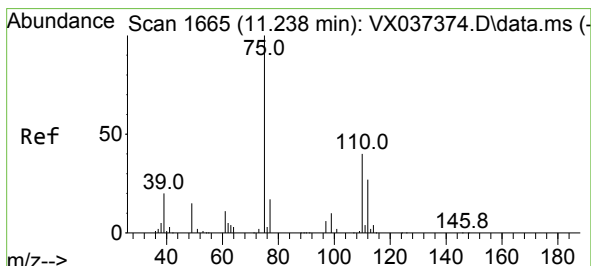
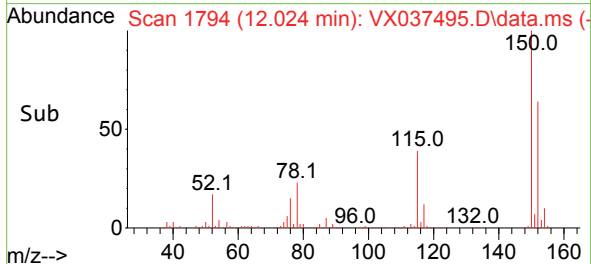
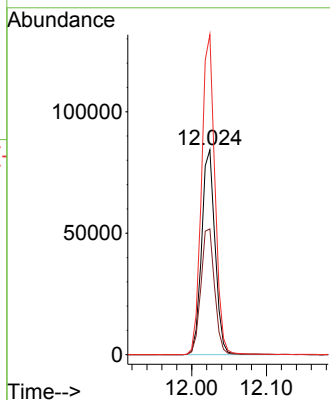
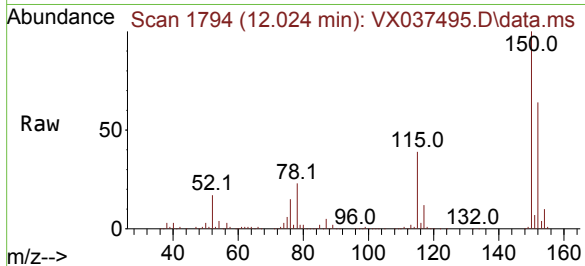




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037495.D
 Acq: 02 Sep 2023 20:02

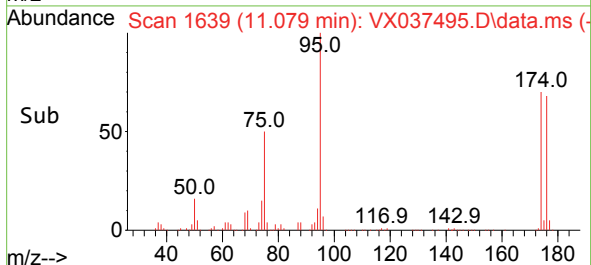
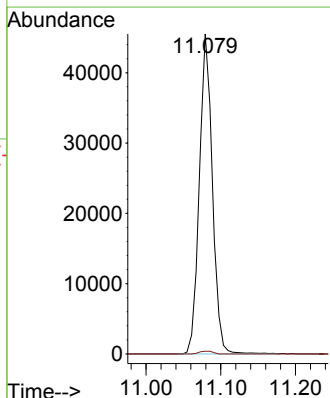
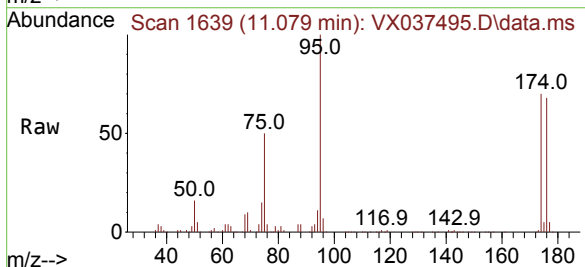
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-05B-71.7-083123

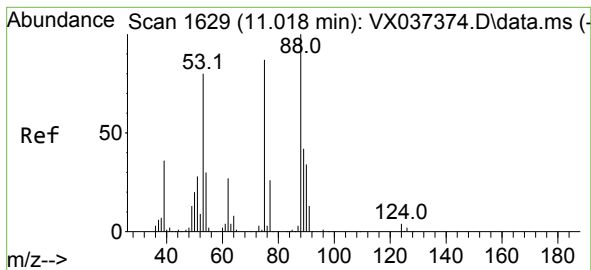
Tgt Ion:152 Resp: 105549
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.562 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037495.D
 Acq: 02 Sep 2023 20:02

Tgt Ion: 75 Resp: 55211
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.602 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037495.D
Acq: 02 Sep 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :
OW-05B-71.7-083123

Tgt Ion: 75 Resp: 55211
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

