

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036305.D
 Acq On : 24 Jun 2023 12:43
 Operator : JC/MD
 Sample : 03379-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230621026-03-TRIP-BLANK

Quant Time: Jun 26 03:23:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

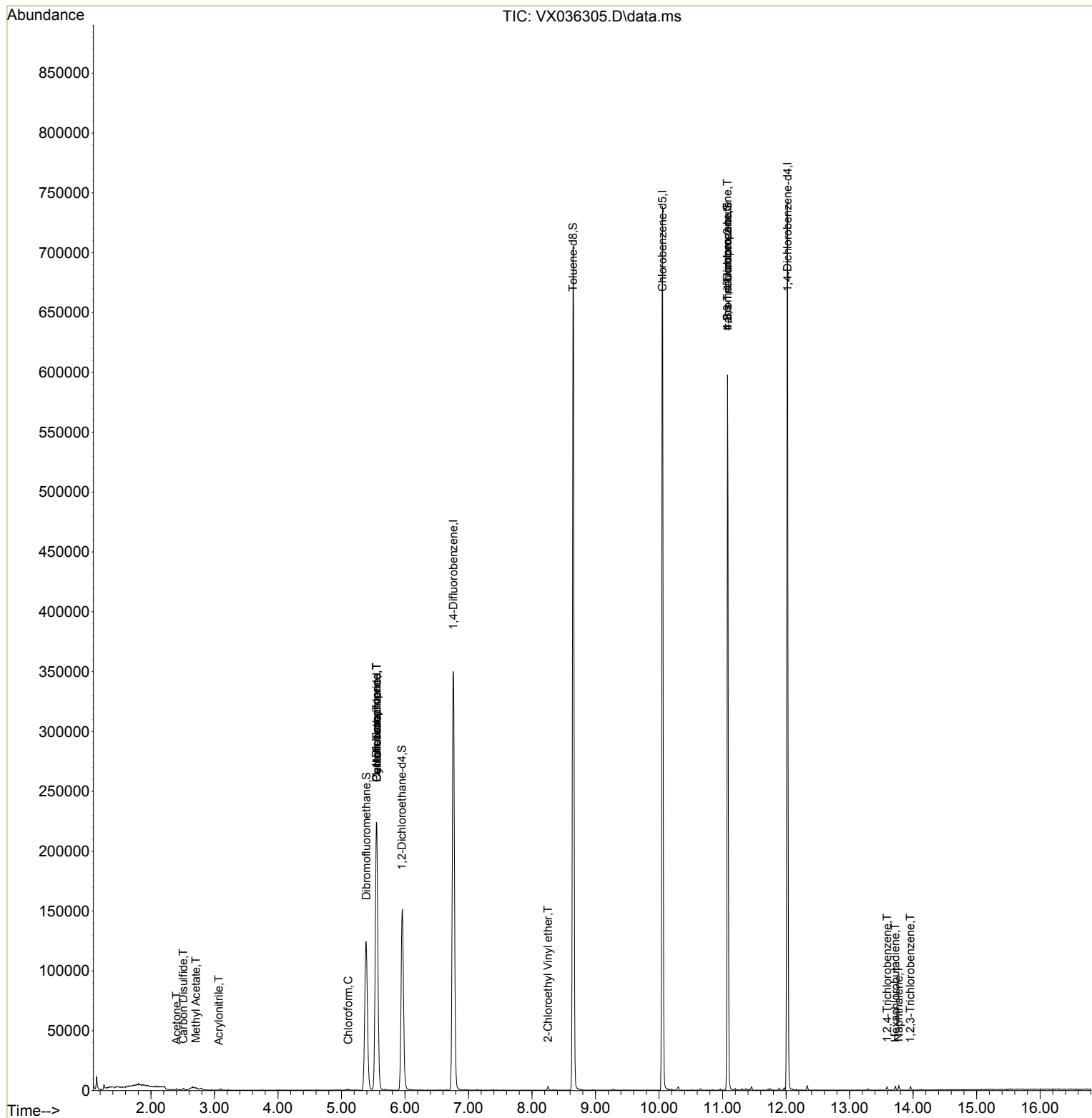
Internal Standards						
1) Pentafluorobenzene	5.556	168	209677	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	365652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144773	48.168	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.340%		
35) Dibromofluoromethane	5.391	113	112371	46.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.220%		
50) Toluene-d8	8.647	98	423957	47.080	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.160%		
62) 4-Bromofluorobenzene	11.079	95	150971	47.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.200%		
Target Compounds						
						Qvalue
15) Acrylonitrile	3.068	53	347	0.250	ug/l	# 47
16) Acetone	2.404	43	1289	1.003	ug/l	97
17) Carbon Disulfide	2.507	76	1760	0.301	ug/l	97
18) Methyl Acetate	2.709	43	1193	0.226	ug/l	# 53
30) Chloroform	5.104	83	957	0.208	ug/l	# 81
31) Cyclohexane	5.556	56	4491	1.166	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	17252	4.800	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	21416	6.524	ug/l	# 15
58) 2-Chloroethyl Vinyl ether	8.250	63	1216	0.547	ug/l	# 83
76) 1,2,3-Trichloropropane	11.079	75	79159	24.066	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	79159	78.450	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	755	0.237	ug/l	93
94) Hexachlorobutadiene	13.719	225	498	0.382	ug/l	87
95) Naphthalene	13.774	128	2764	0.263	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	793	0.255	ug/l	98

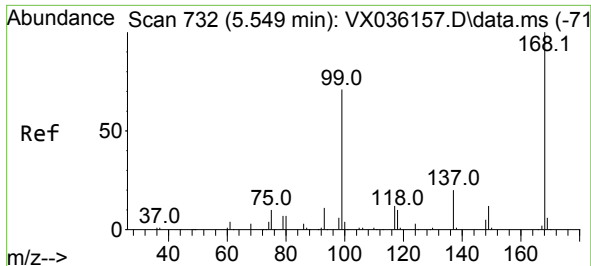
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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230621026-03-TRIP-BLANK

Quant Time: Jun 26 03:23:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

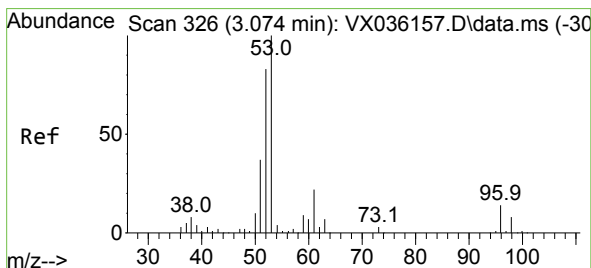
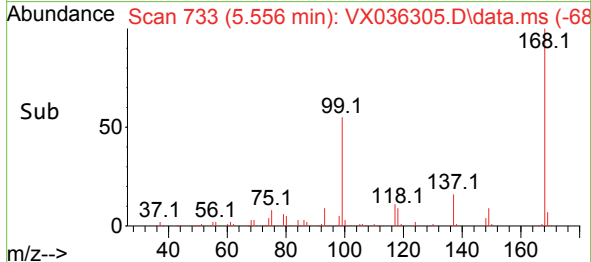
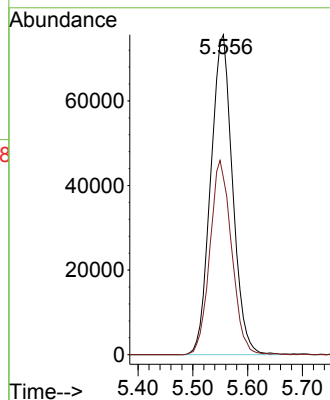
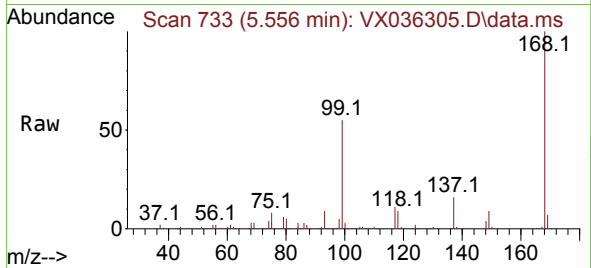




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

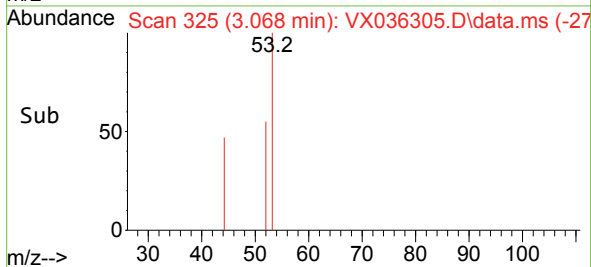
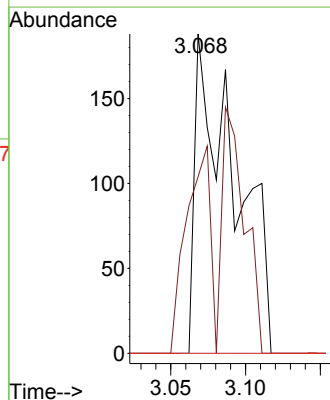
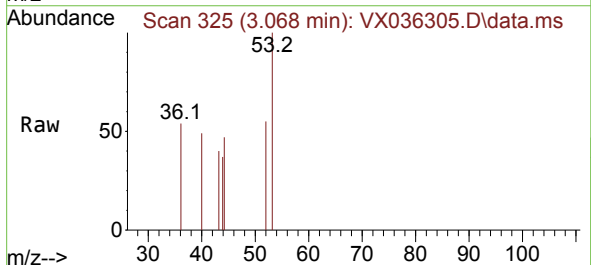
Instrument :
MSVOA_X
ClientSampleId :
230621026-03-TRIP-BLANK

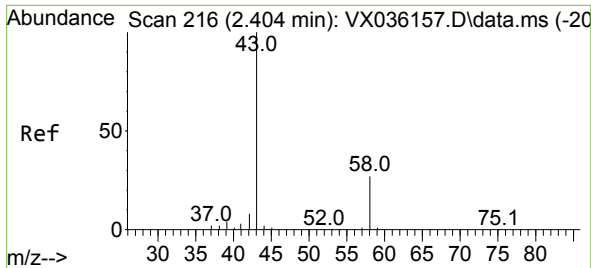
Tgt Ion:168 Resp: 209677
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion: 53 Resp: 347
Ion Ratio Lower Upper
53 100
52 39.2 66.0 99.0#
51 0.0 29.8 44.6#

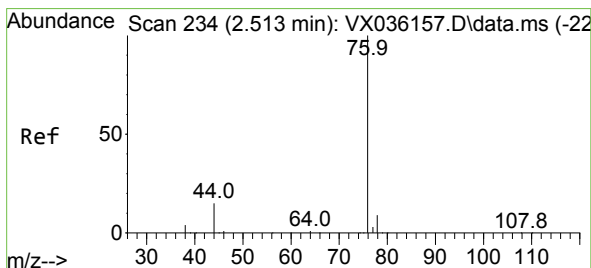
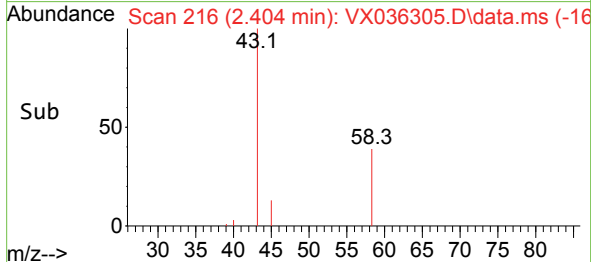
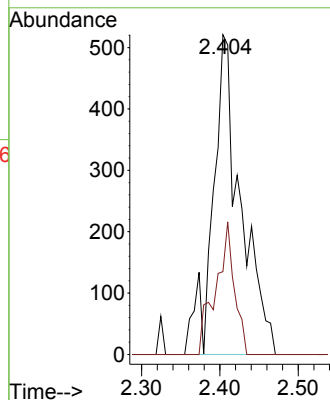
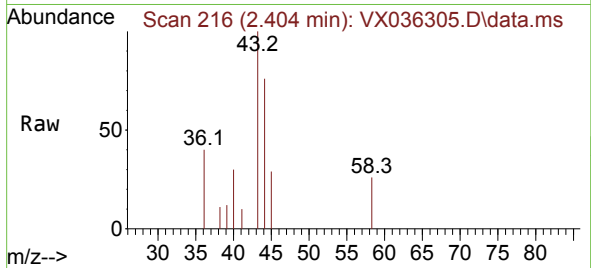




#16
Acetone
Concen: 1.003 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

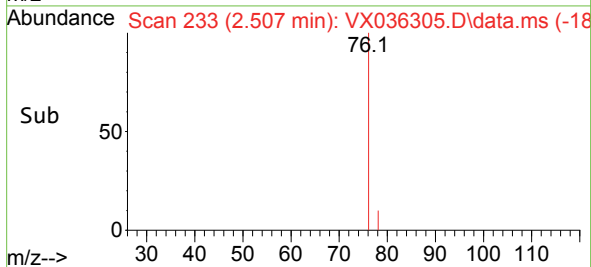
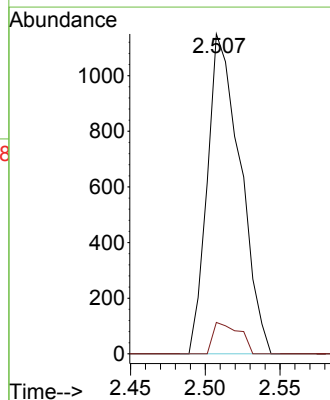
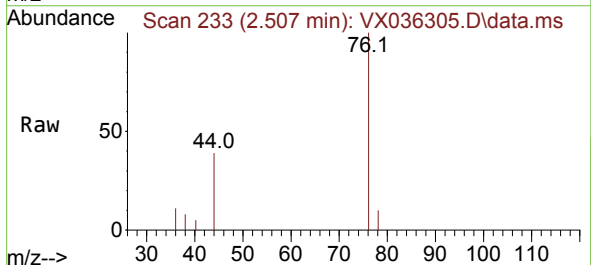
Instrument :
MSVOA_X
ClientSampleId :
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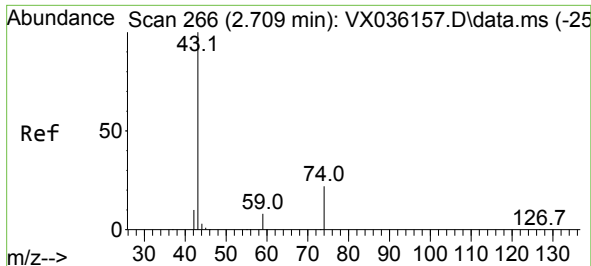
Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.301 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion: 76 Resp: 1760
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6





#18

Methyl Acetate

Concen: 0.226 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX036305.D

Acq: 24 Jun 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

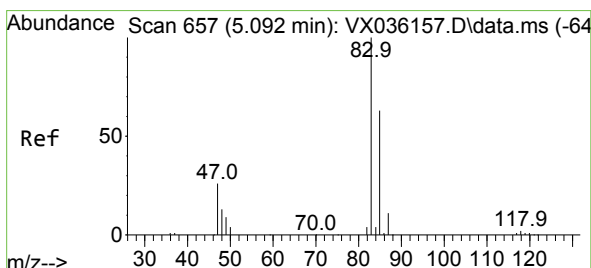
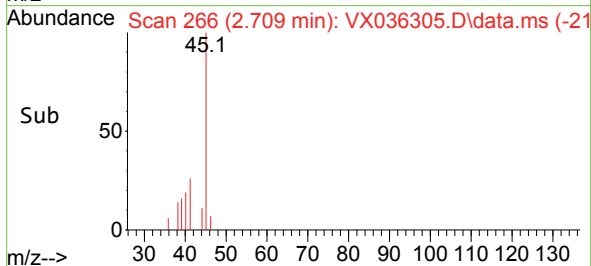
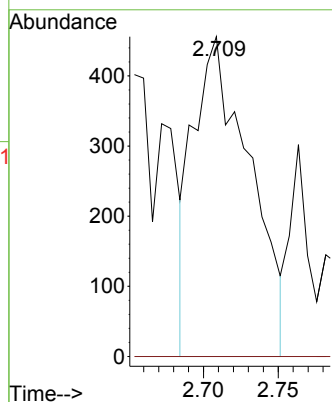
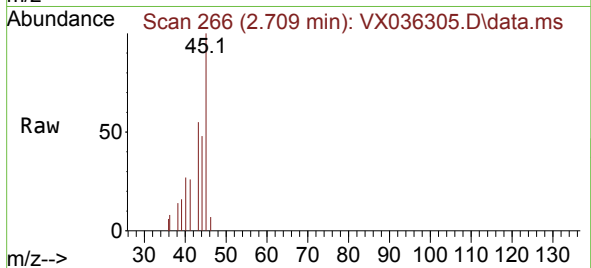
230621026-03-TRIP-BLANK

Tgt Ion: 43 Resp: 1193

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#30

Chloroform

Concen: 0.208 ug/l

RT: 5.104 min Scan# 659

Delta R.T. 0.013 min

Lab File: VX036305.D

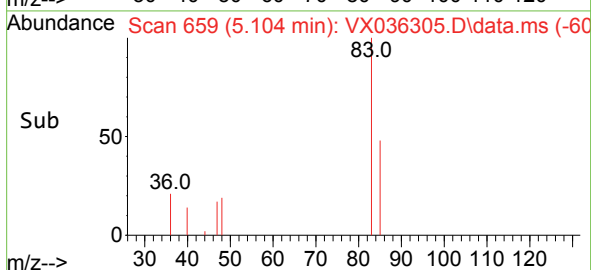
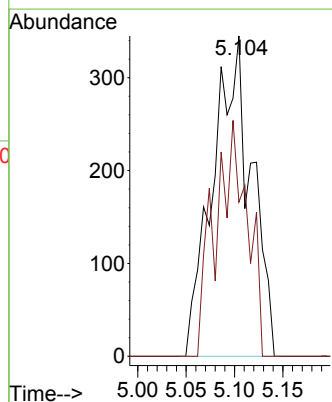
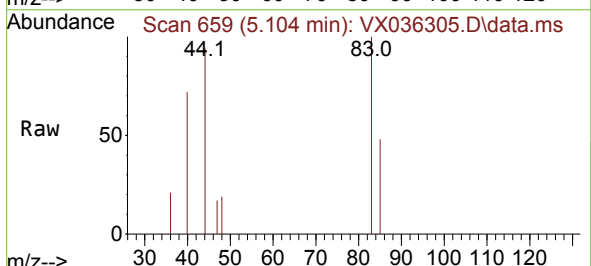
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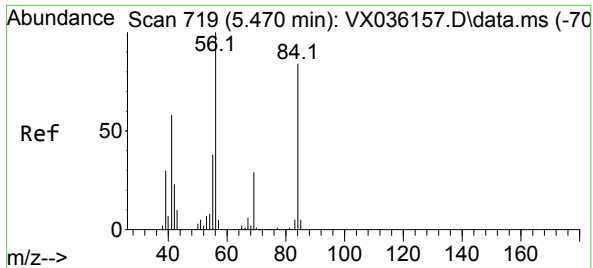
Tgt Ion: 83 Resp: 957

Ion Ratio Lower Upper

83 100

85 48.1 50.3 75.5#

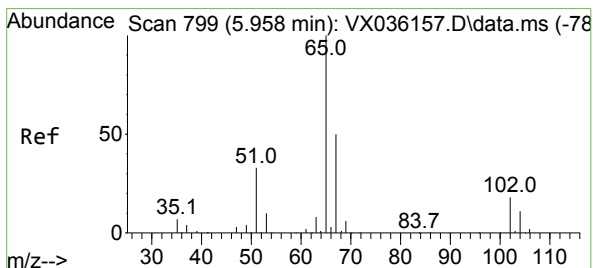
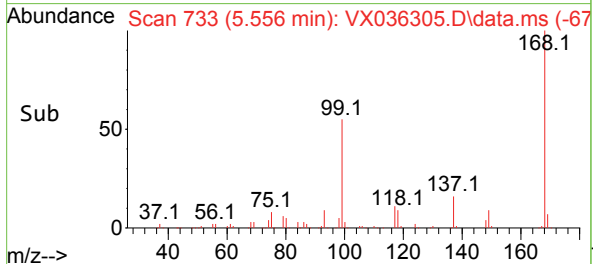
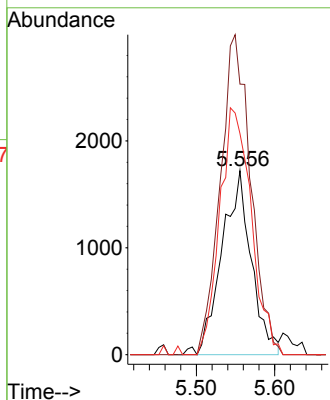
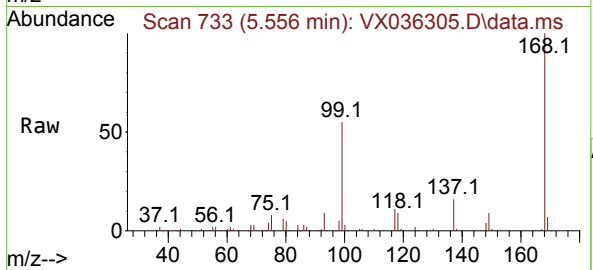




#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

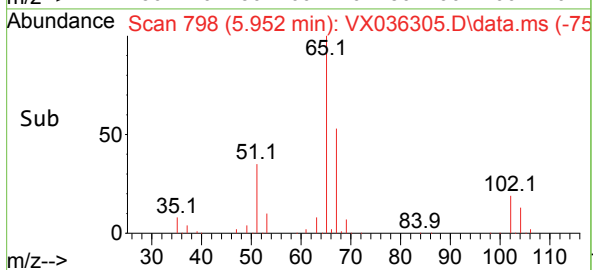
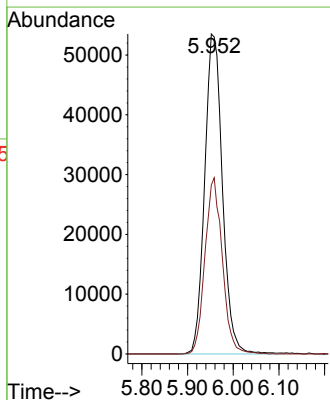
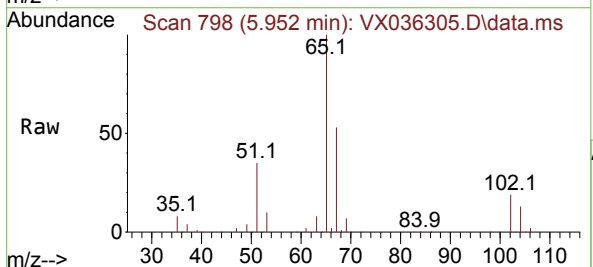
Instrument :
MSVOA_X
ClientSampleId :
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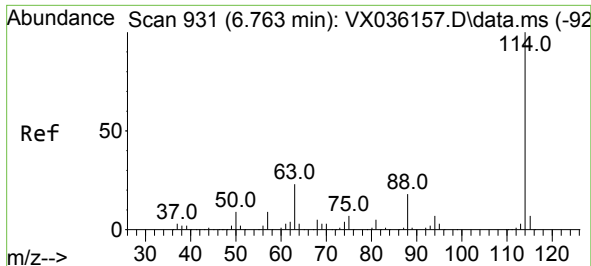
Tgt Ion: 56 Resp: 4491
Ion Ratio Lower Upper
56 100
69 147.1 23.4 35.2#
84 115.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.168 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion: 65 Resp: 144773
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

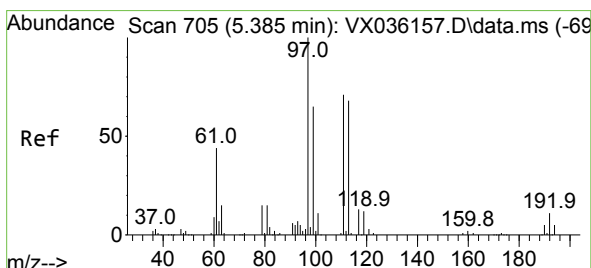
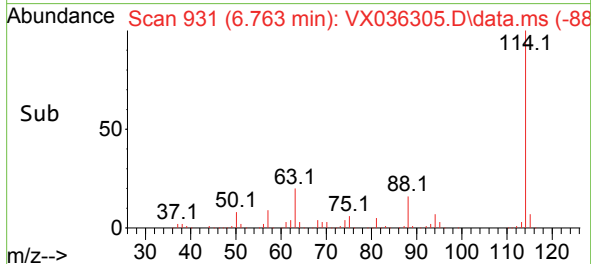
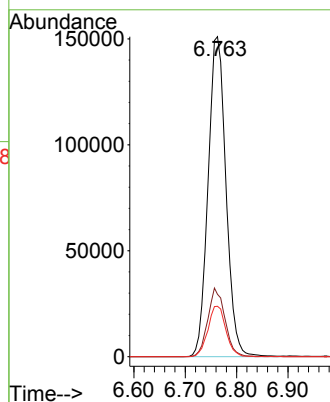
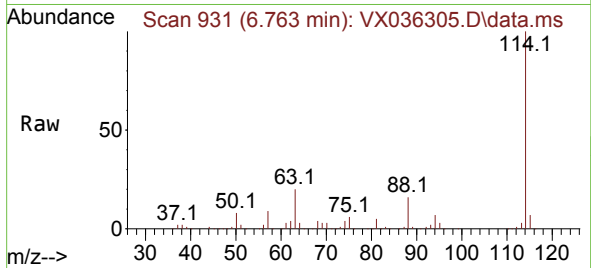




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

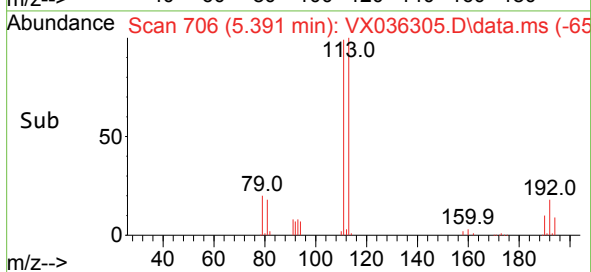
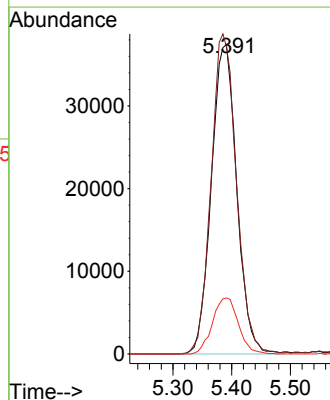
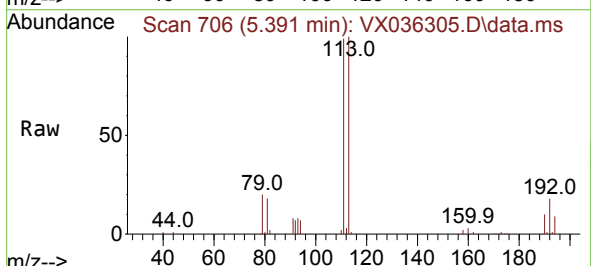
Instrument :
MSVOA_X
ClientSampleId :
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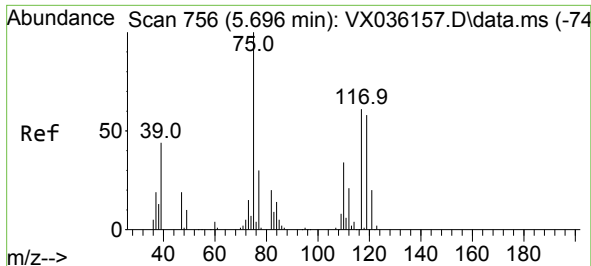
Tgt Ion:114 Resp: 365652
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.607 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion:113 Resp: 112371
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.5 13.3 19.9

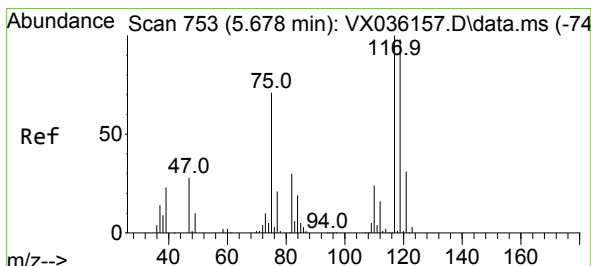
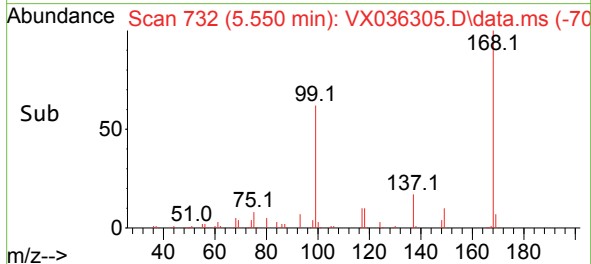
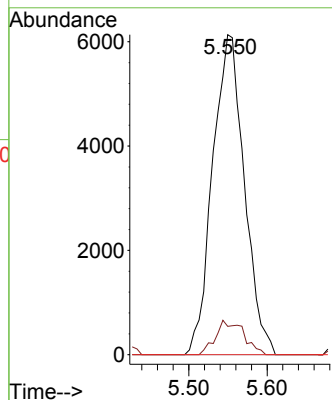
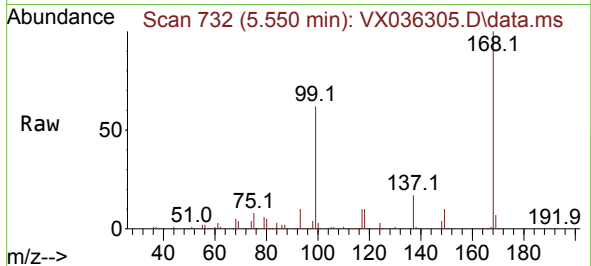




#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

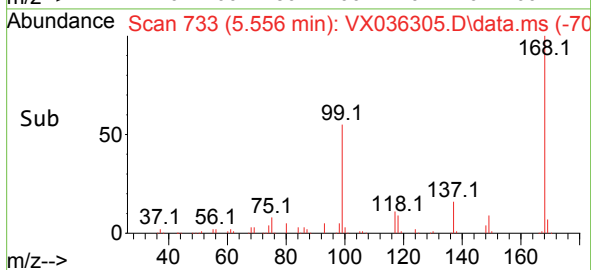
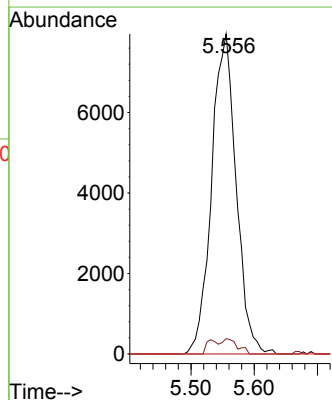
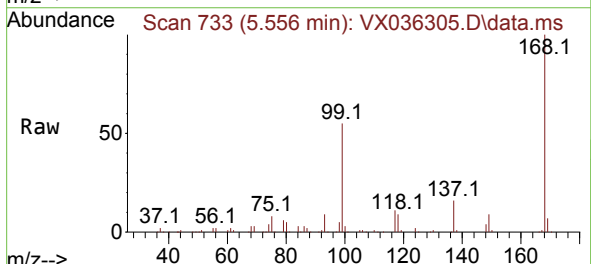
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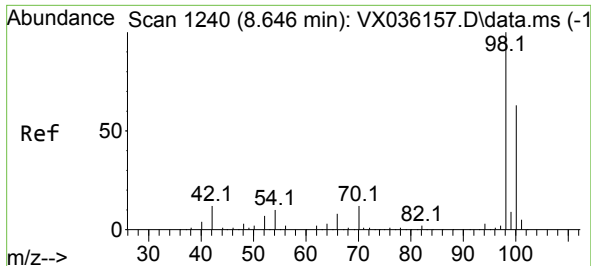
Tgt Ion: 75 Resp: 17252
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.524 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion: 117 Resp: 21416
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

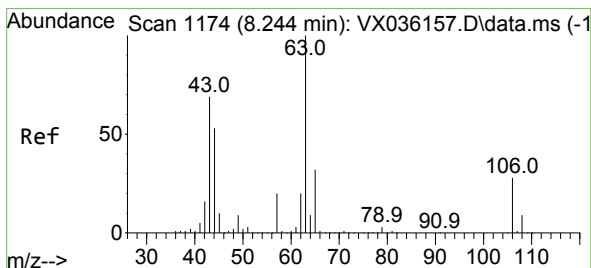
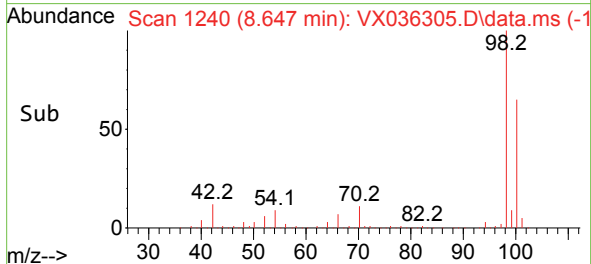
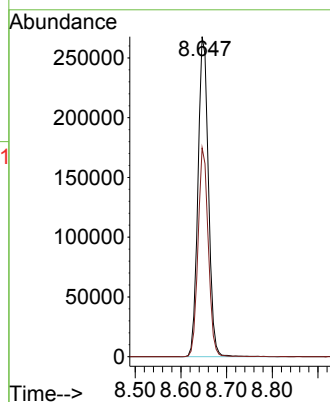
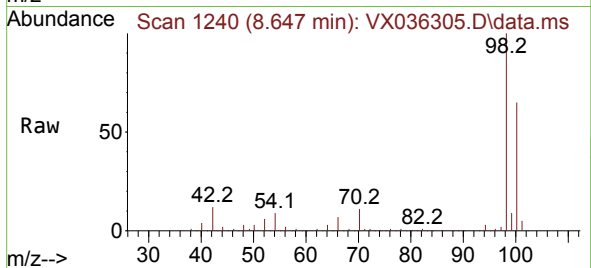




#50
Toluene-d8
Concen: 47.080 ug/l
RT: 8.647 min Scan# 1175
Delta R.T. 0.001 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

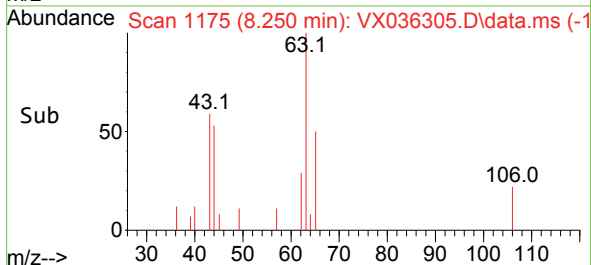
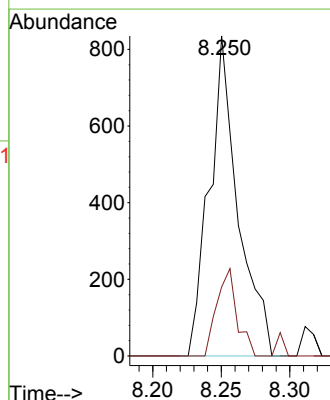
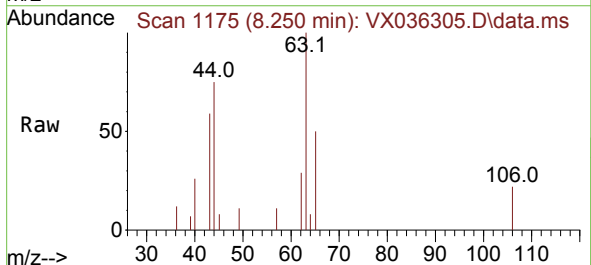
Instrument :
MSVOA_X
ClientSampleId :
230621026-03-TRIP-BLANK

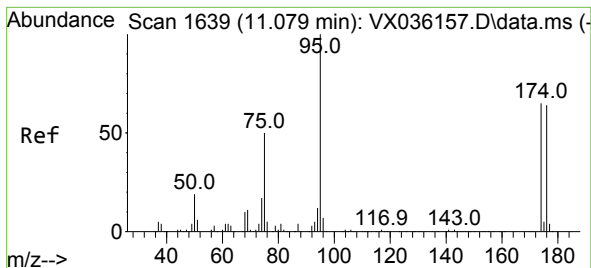
Tgt Ion: 98 Resp: 423957
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#58
2-Chloroethyl Vinyl ether
Concen: 0.547 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion: 63 Resp: 1216
Ion Ratio Lower Upper
63 100
106 19.2 22.5 33.7#

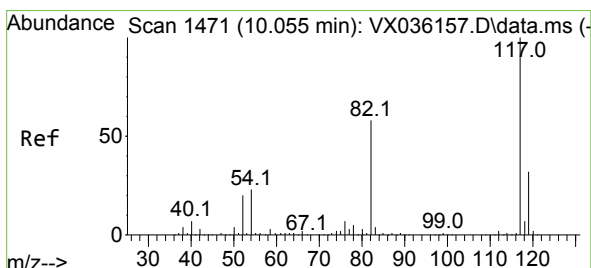
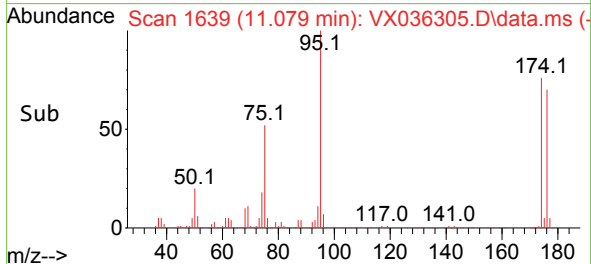
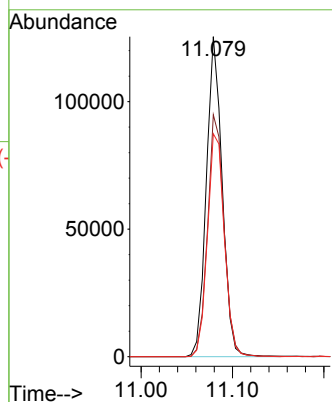
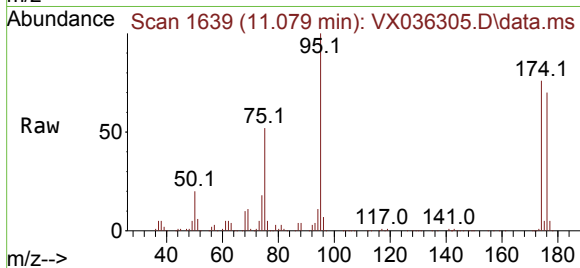




#62
4-Bromofluorobenzene
Concen: 47.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

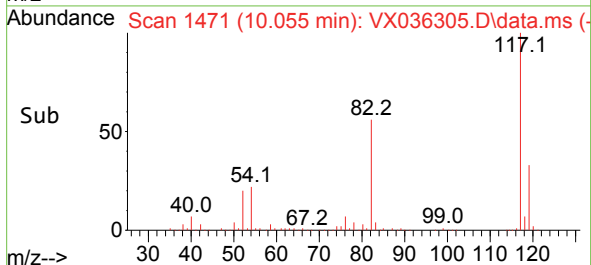
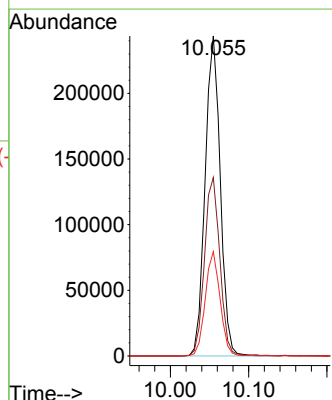
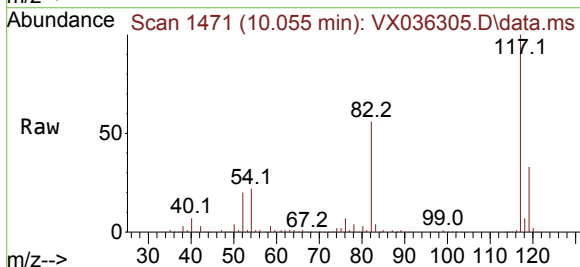
Instrument :
MSVOA_X
ClientSampleId :
230621026-03-TRIP-BLANK

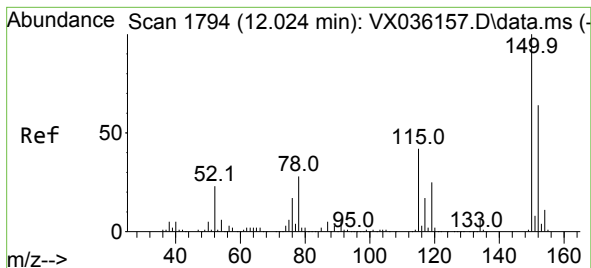
Tgt Ion: 95 Resp: 150971
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion: 117 Resp: 326813
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.6 25.5 38.3

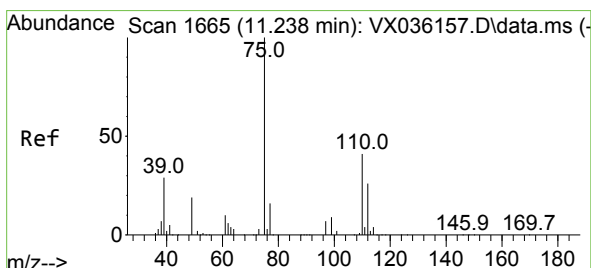
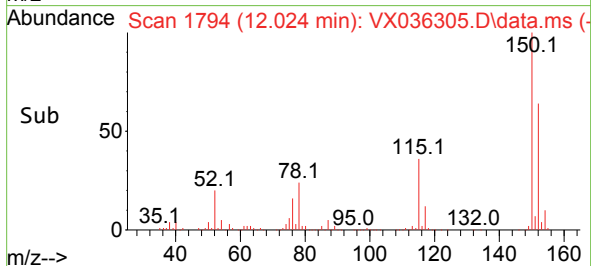
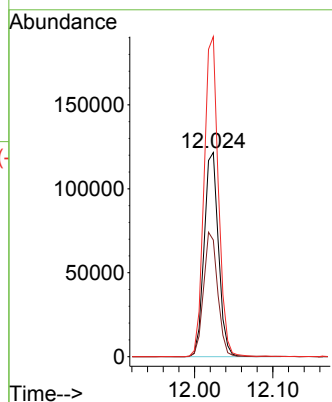
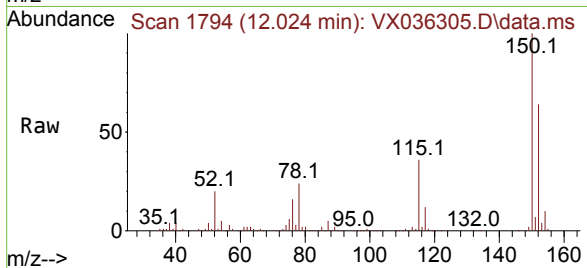




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX036305.D
 Acq: 24 Jun 2023 12:43

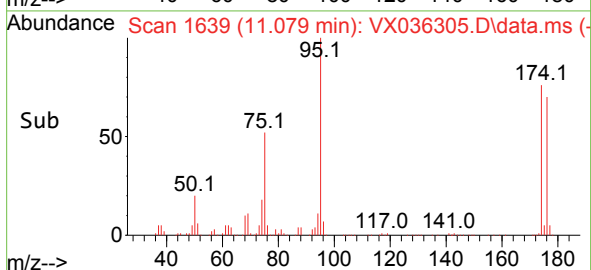
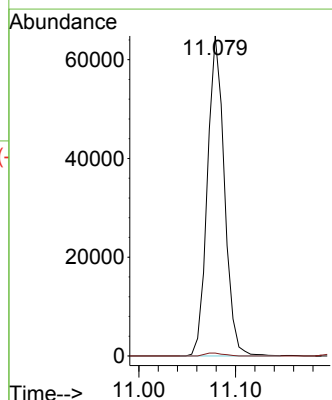
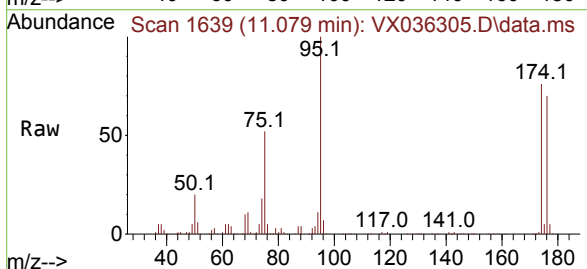
Instrument :
 MSVOA_X
 ClientSampleId :
 230621026-03-TRIP-BLANK

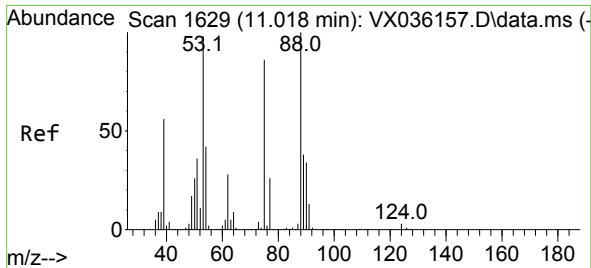
Tgt Ion:152 Resp: 154204
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.066 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036305.D
 Acq: 24 Jun 2023 12:43

Tgt Ion: 75 Resp: 79159
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

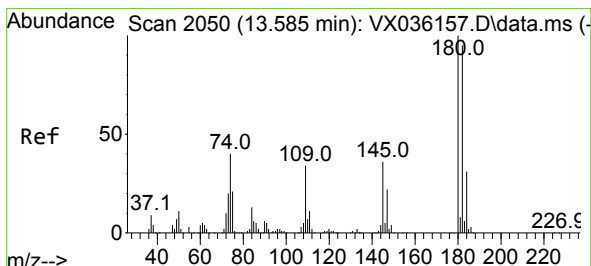
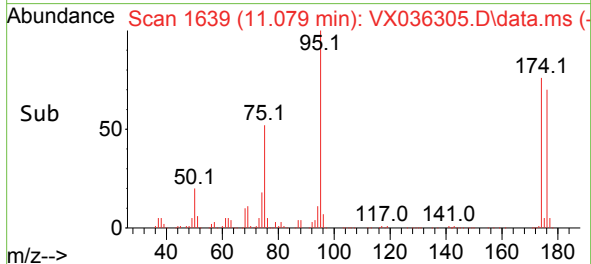
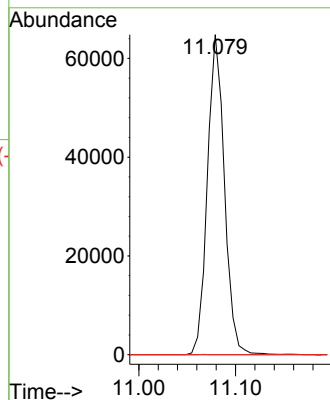
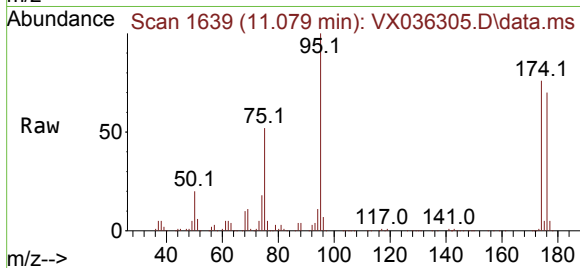




#81
trans-1,4-Dichloro-2-butene
Concen: 78.450 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

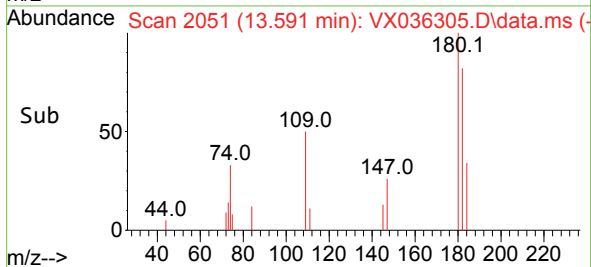
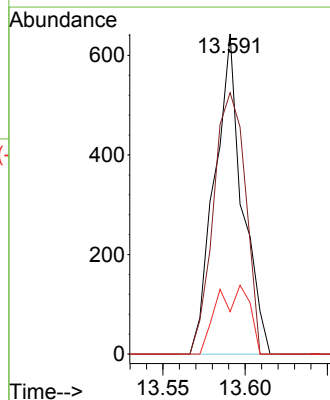
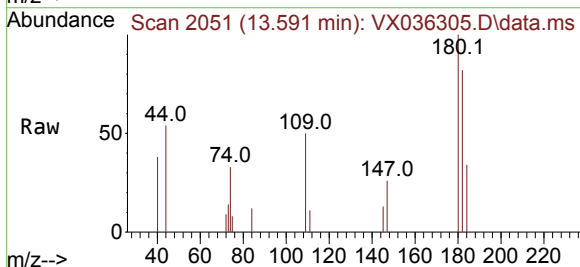
Instrument :
MSVOA_X
ClientSampleId :
230621026-03-TRIP-BLANK

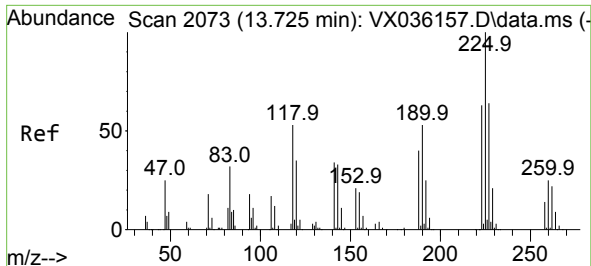
Tgt Ion: 75 Resp: 79159
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.237 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

Tgt Ion: 180 Resp: 755
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.8
145 25.0 18.0 54.0

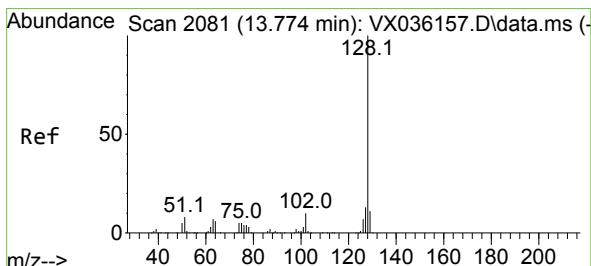
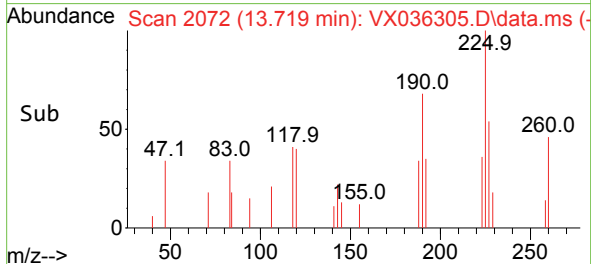
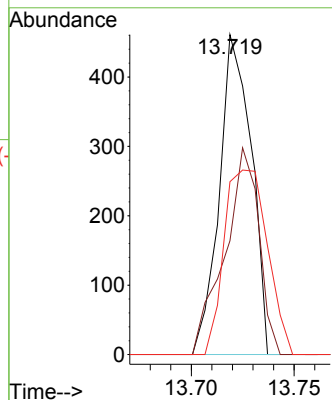
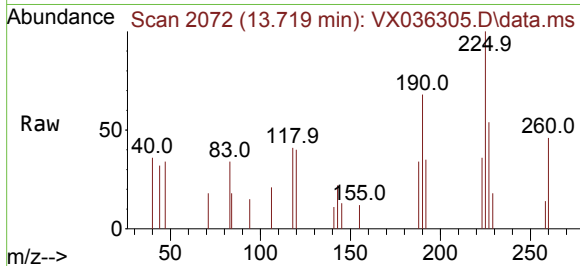




#94
Hexachlorobutadiene
Concen: 0.382 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

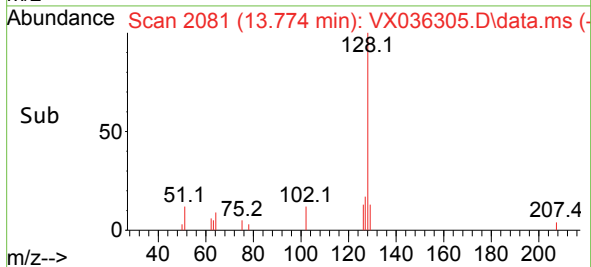
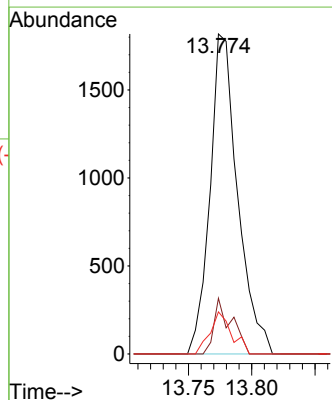
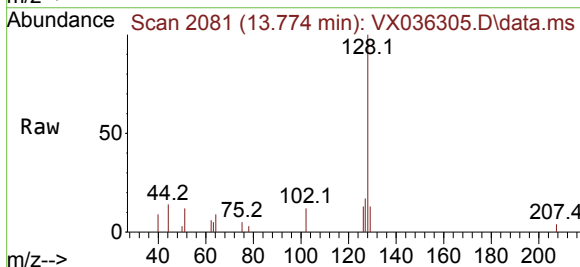
Instrument :
MSVOA_X
ClientSampleId :
230621026-03-TRIP-BLANK

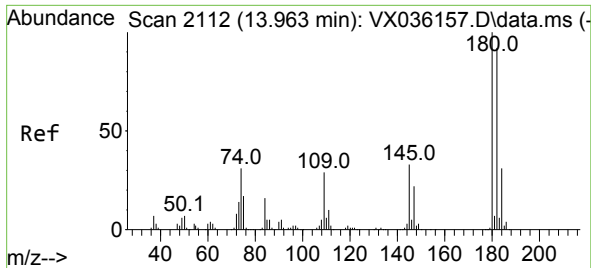
Tgt Ion:225 Resp: 498
Ion Ratio Lower Upper
225 100
223 69.3 31.1 93.2
227 78.1 32.5 97.5



#95
Naphthalene
Concen: 0.263 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036305.D
Acq: 24 Jun 2023 12:43

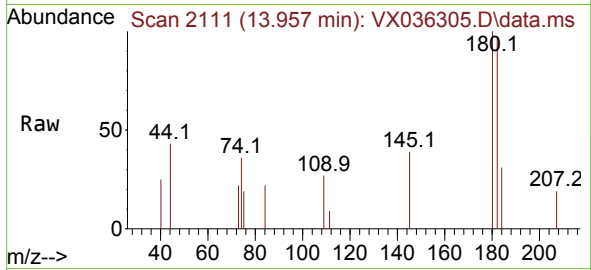
Tgt Ion:128 Resp: 2764
Ion Ratio Lower Upper
128 100
127 11.1 10.3 15.5
129 10.3 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.255 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX036305.D
 Acq: 24 Jun 2023 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 230621026-03-TRIP-BLANK



Tgt Ion:	180	Resp:	793
Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.9	140.6
145	35.2	17.8	53.5

