

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036538.D
 Acq On : 13 Jul 2023 20:16
 Operator : JC/MD
 Sample : 03610-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230712039-08-TRIP-BLANK

Quant Time: Jul 14 04:38:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

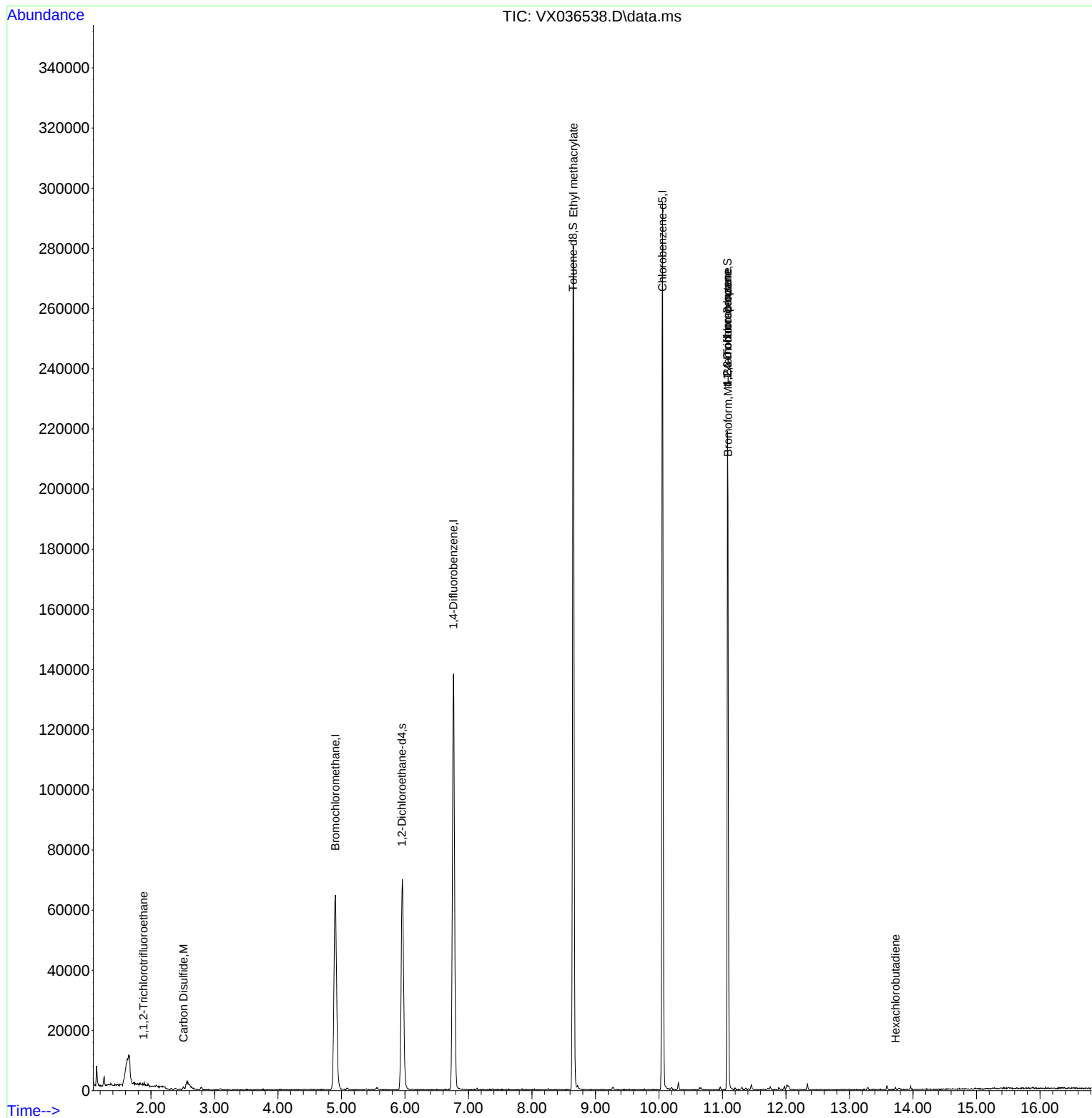
Internal Standards						
1) Bromochloromethane	4.904	128	26435	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	140743	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	127471	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	65851	30.014	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.033%
60) 4-Bromofluorobenzene	11.079	95	58337	28.213	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.033%
63) Toluene-d8	8.647	98	172613	29.427	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.100%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	1.880	101	308	0.201	ug/l #	18
16) Carbon Disulfide	2.514	76	966	0.257	ug/l #	86
51) Ethyl methacrylate	8.653	69	674	0.246	ug/l	91
56) Bromoform	11.086	173	498	0.407	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	30814	12.163	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	30814	37.040	ug/l #	7
90) Hexachlorobutadiene	13.725	225	221	0.279	ug/l	72

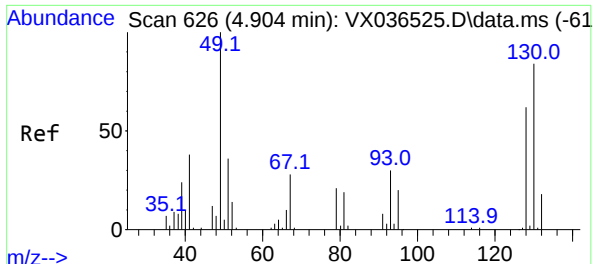
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
Data File : VX036538.D
Acq On : 13 Jul 2023 20:16
Operator : JC/MD
Sample : 03610-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230712039-08-TRIP-BLANK

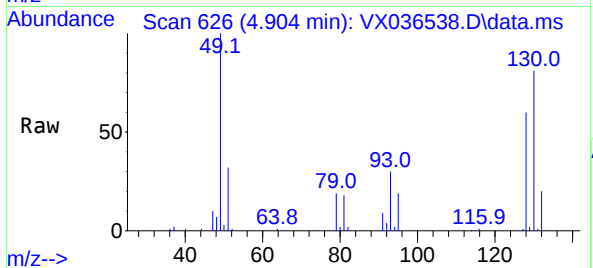
Quant Time: Jul 14 04:38:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 14 04:32:22 2023
Response via : Initial Calibration



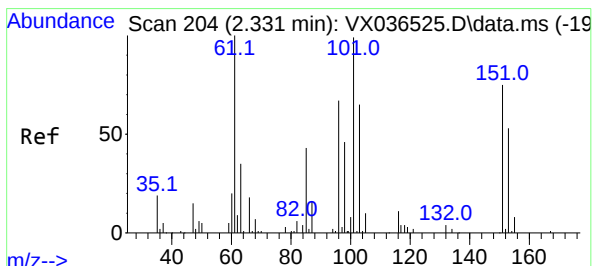
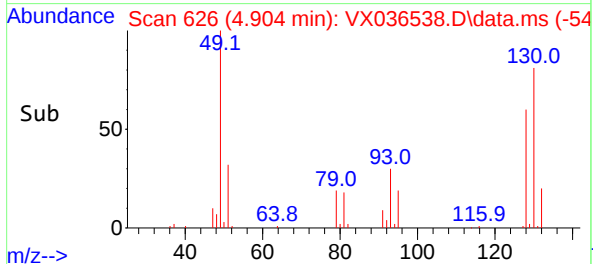
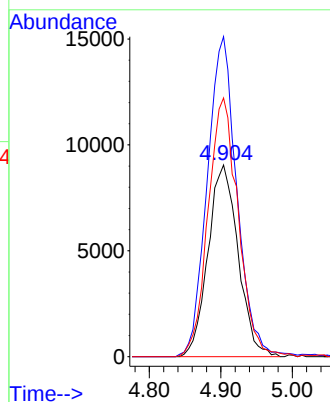


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
230712039-08-TRIP-BLANK

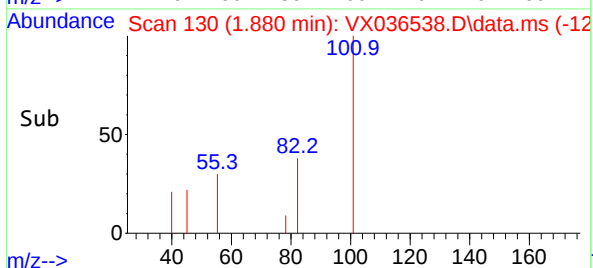
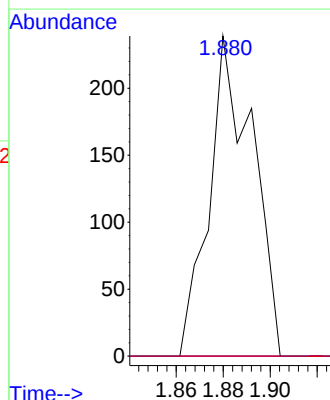
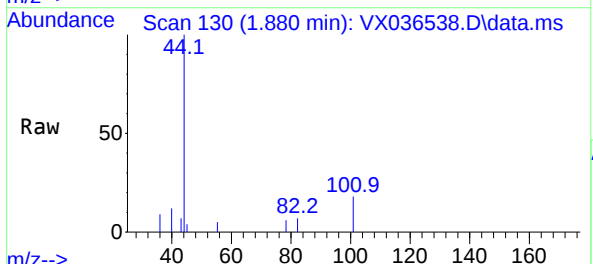


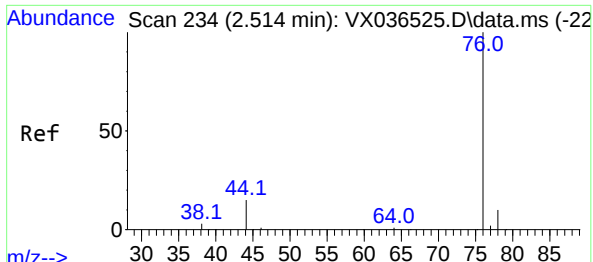
Tgt Ion:128 Resp: 26435
Ion Ratio Lower Upper
128 100
49 163.2 0.0 406.3
130 134.9 0.0 328.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.201 ug/l
RT: 1.880 min Scan# 130
Delta R.T. -0.451 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

Tgt Ion:101 Resp: 308
Ion Ratio Lower Upper
101 100
85 0.0 0.0 91.0
151 0.0 0.0 155.4

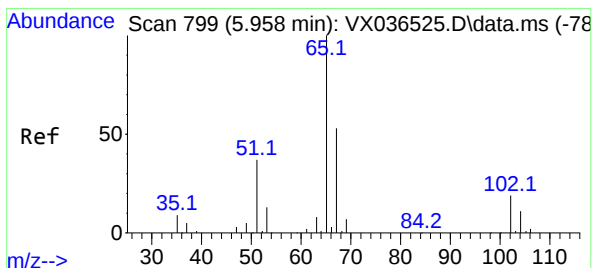
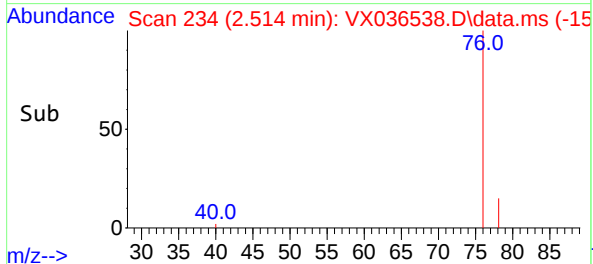
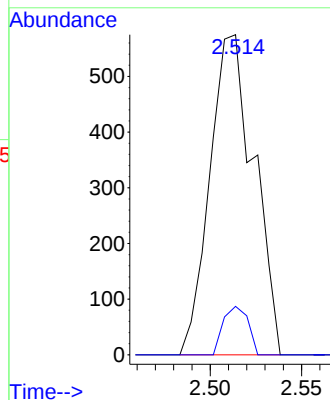
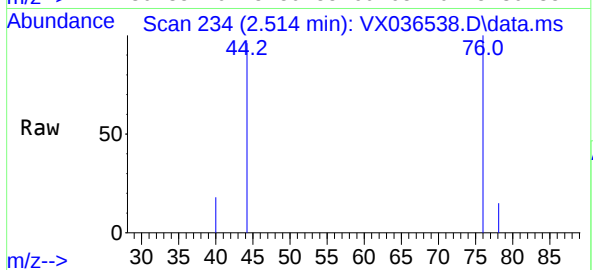




#16
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

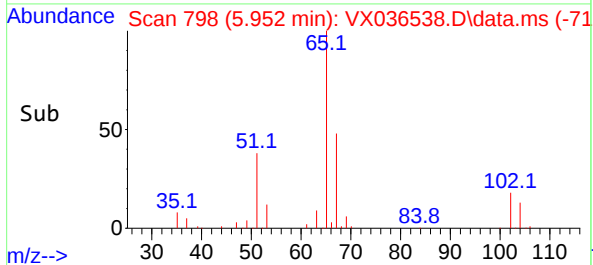
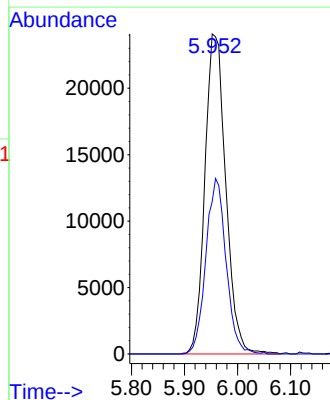
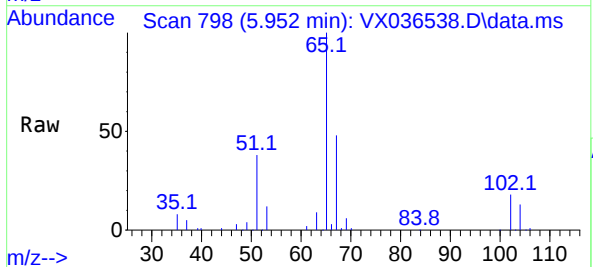
Instrument :
MSVOA_X
ClientSampleId :
230712039-08-TRIP-BLANK

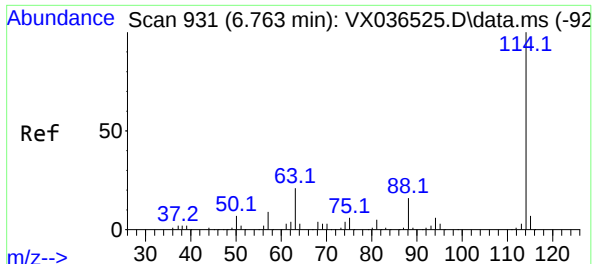
Tgt Ion: 76 Resp: 966
Ion Ratio Lower Upper
76 100
78 15.1 8.0 12.0#



#27
1,2-Dichloroethane-d4
Concen: 30.014 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

Tgt Ion: 65 Resp: 65851
Ion Ratio Lower Upper
65 100
67 53.0 42.1 63.1



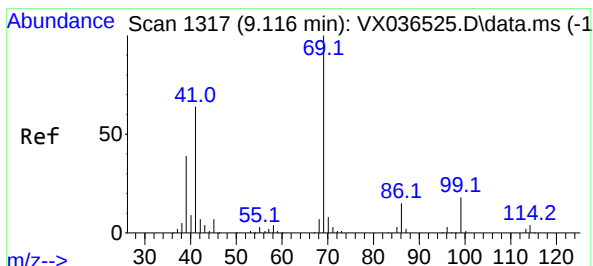
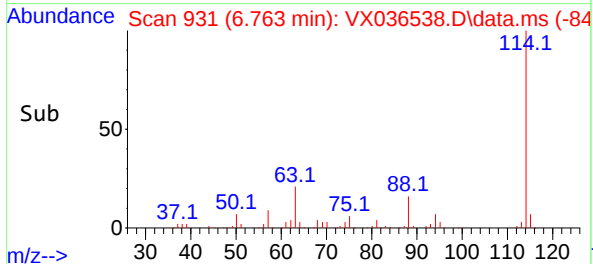
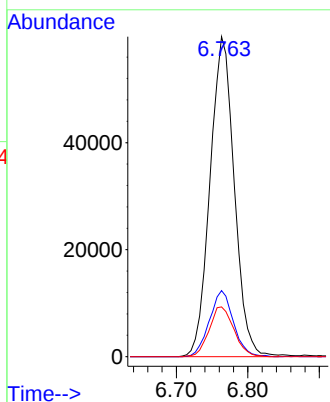
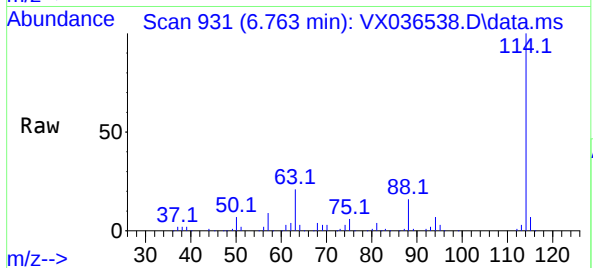


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
230712039-08-TRIP-BLANK

Tgt Ion:114 Resp: 140743

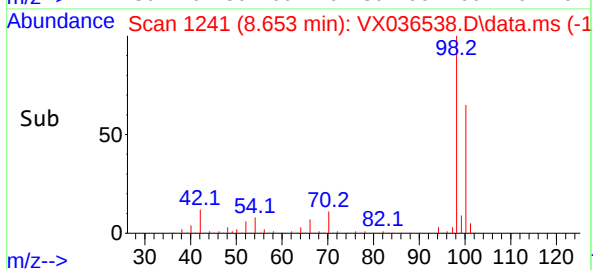
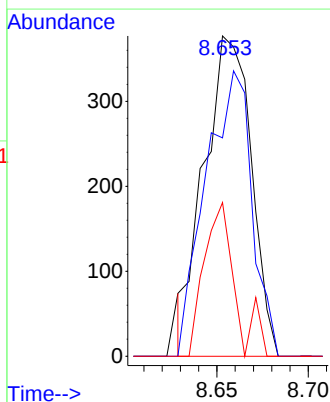
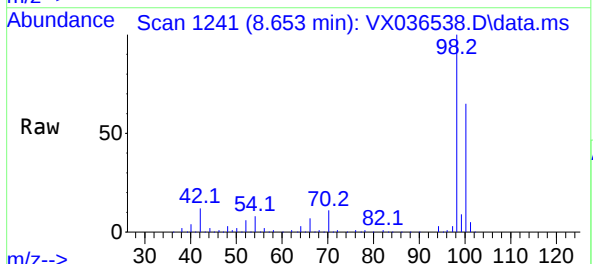
Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.6	24.8
88	15.9	12.9	19.3

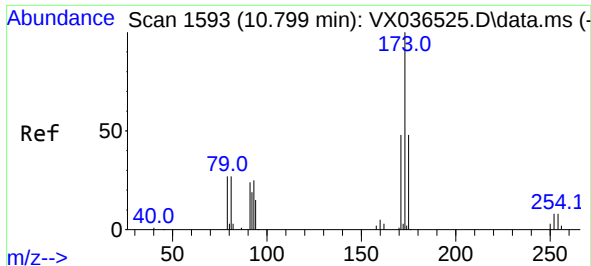


#51
Ethyl methacrylate
Concen: 0.246 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.463 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

Tgt Ion: 69 Resp: 674

Ion	Ratio	Lower	Upper
69	100		
41	68.2	32.0	96.0
39	48.0	19.4	58.4

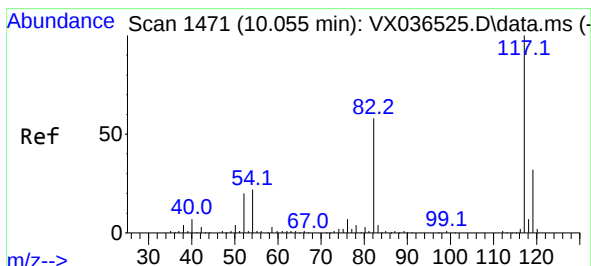
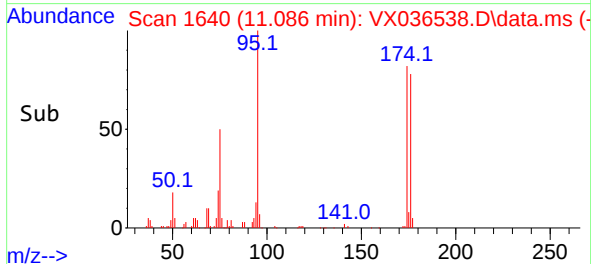
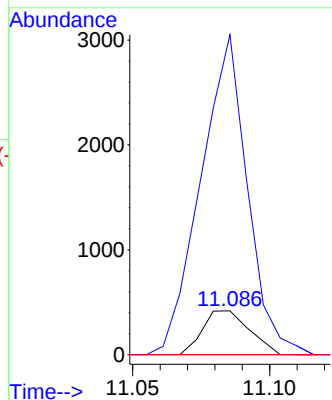
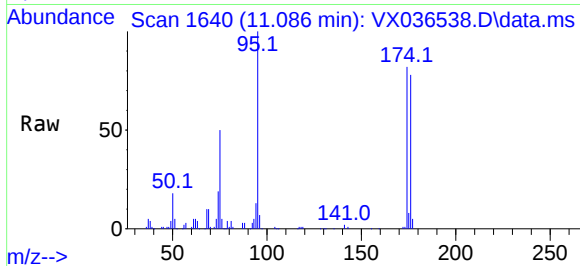




#56
Bromoform
Concen: 0.407 ug/l
RT: 11.086 min Scan# 110
Delta R.T. 0.287 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

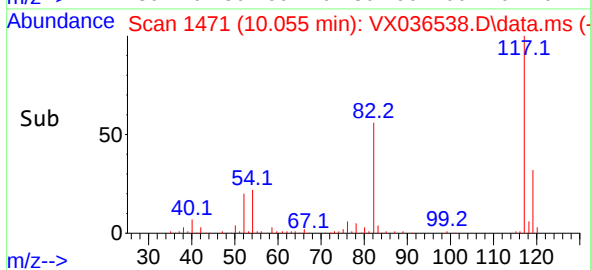
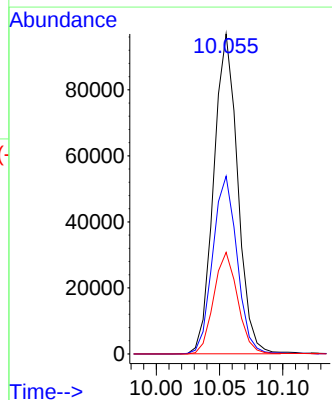
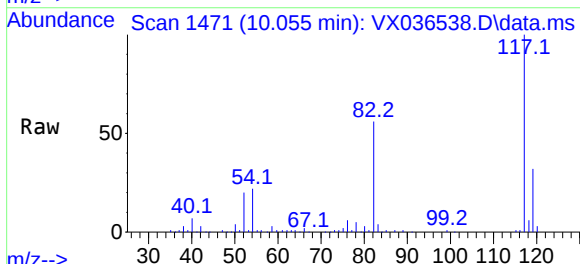
Instrument :
MSVOA_X
ClientSampleId :
230712039-08-TRIP-BLANK

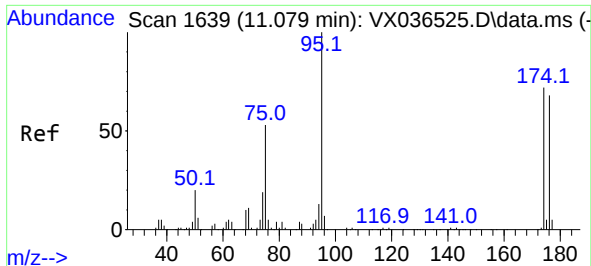
Tgt Ion:173 Resp: 498
Ion Ratio Lower Upper
173 100
175 727.1 38.1 57.1#
254 0.0 6.7 10.1#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

Tgt Ion:117 Resp: 127471
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.8 25.6 38.4

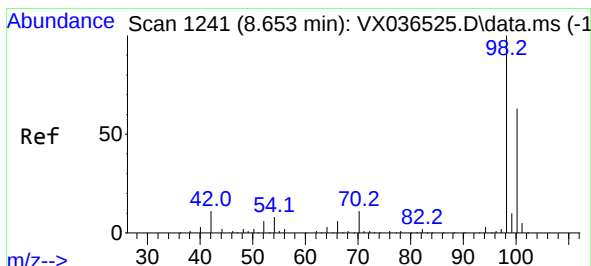
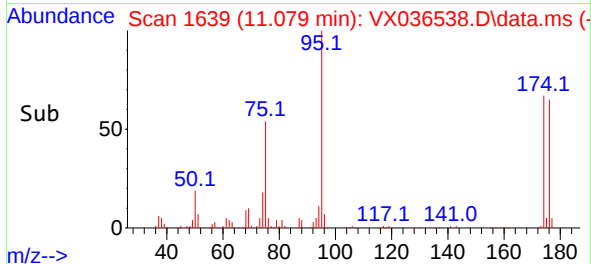
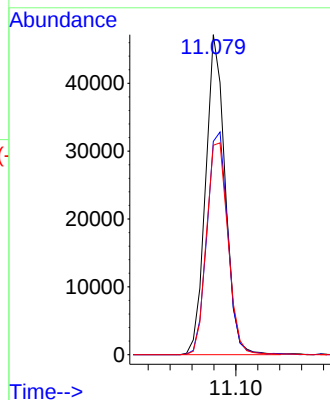
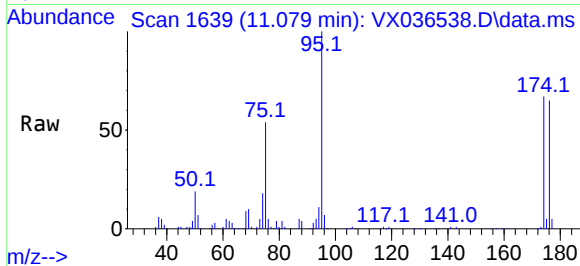




#60
4-Bromofluorobenzene
Concen: 28.213 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

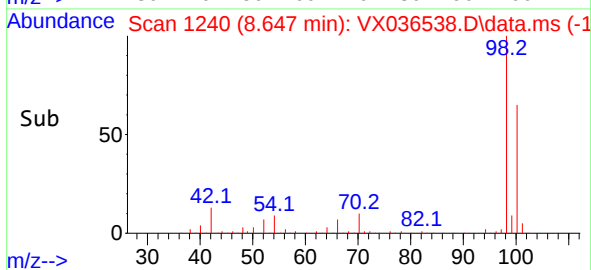
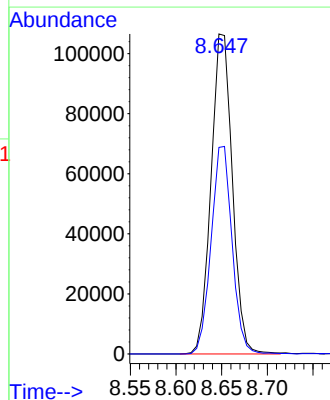
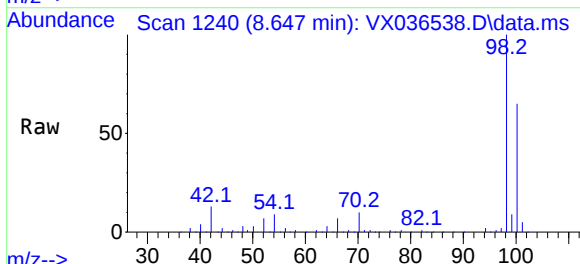
Instrument :
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ClientSampleId :
230712039-08-TRIP-BLANK

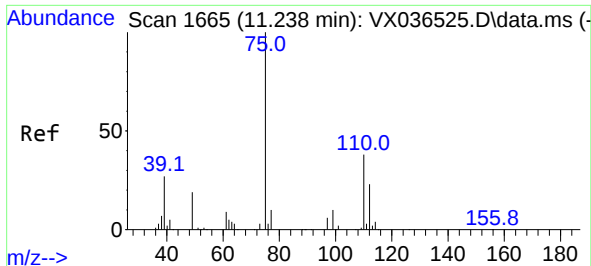
Tgt Ion: 95 Resp: 58337
Ion Ratio Lower Upper
95 100
174 73.9 60.5 90.7
176 72.9 58.2 87.4



#63
Toluene-d8
Concen: 29.427 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

Tgt Ion: 98 Resp: 172613
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

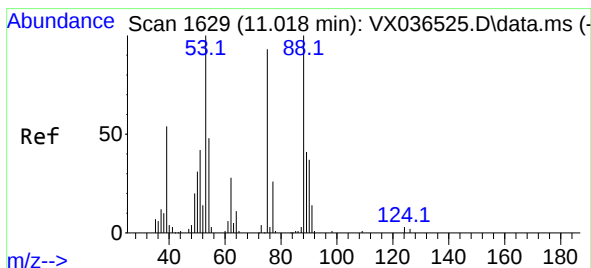
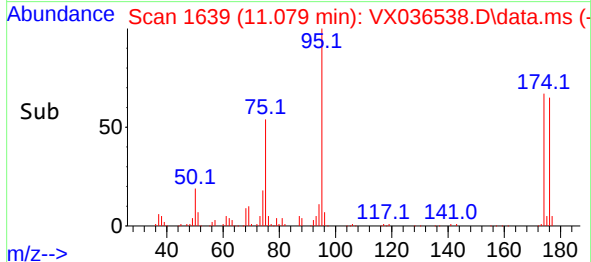
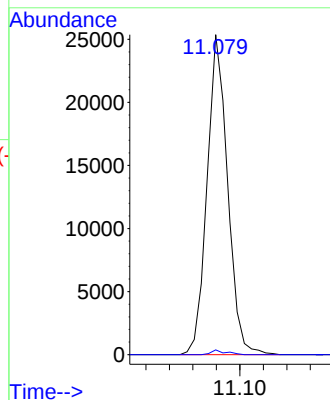
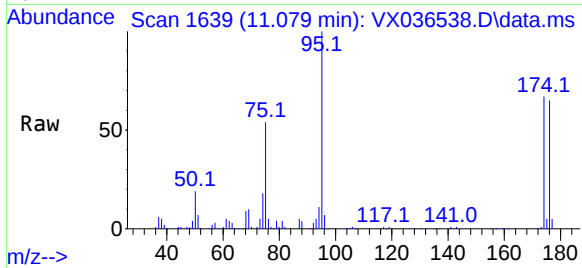




#72
1,2,3-Trichloropropane
Concen: 12.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

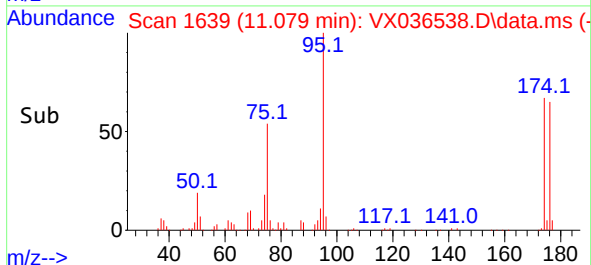
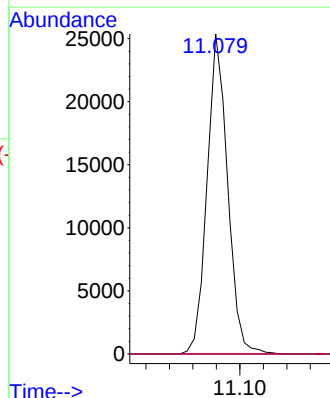
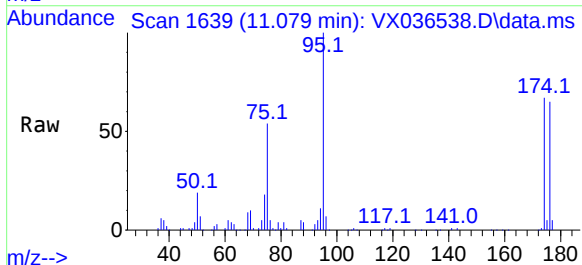
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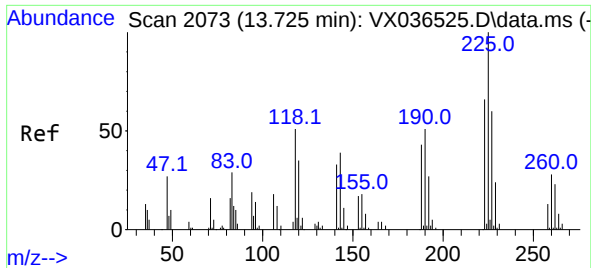
Tgt Ion: 75 Resp: 30814
Ion Ratio Lower Upper
75 100
77 1.0 0.0 77.2



#77
t-1,4-Dichloro-2-butene
Concen: 37.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036538.D
Acq: 13 Jul 2023 20:16

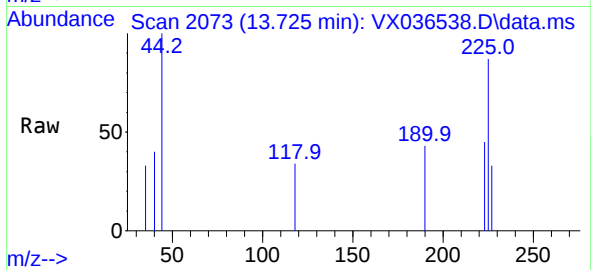
Tgt Ion: 75 Resp: 30814
Ion Ratio Lower Upper
75 100
53 0.0 53.9 161.7#
89 0.0 22.1 66.1#





#90
 Hexachlorobutadiene
 Concen: 0.279 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX036538.D
 Acq: 13 Jul 2023 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 230712039-08-TRIP-BLANK



Tgt Ion:	225	Resp:	221
Ion	Ratio	Lower	Upper
225	100		
223	39.8	0.0	124.2
227	39.8	0.0	120.4

