

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030647.D
 Acq On : 19 Apr 2023 03:27
 Operator : SY/MD
 Sample : 02398-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMNO

Quant Time: Apr 19 04:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

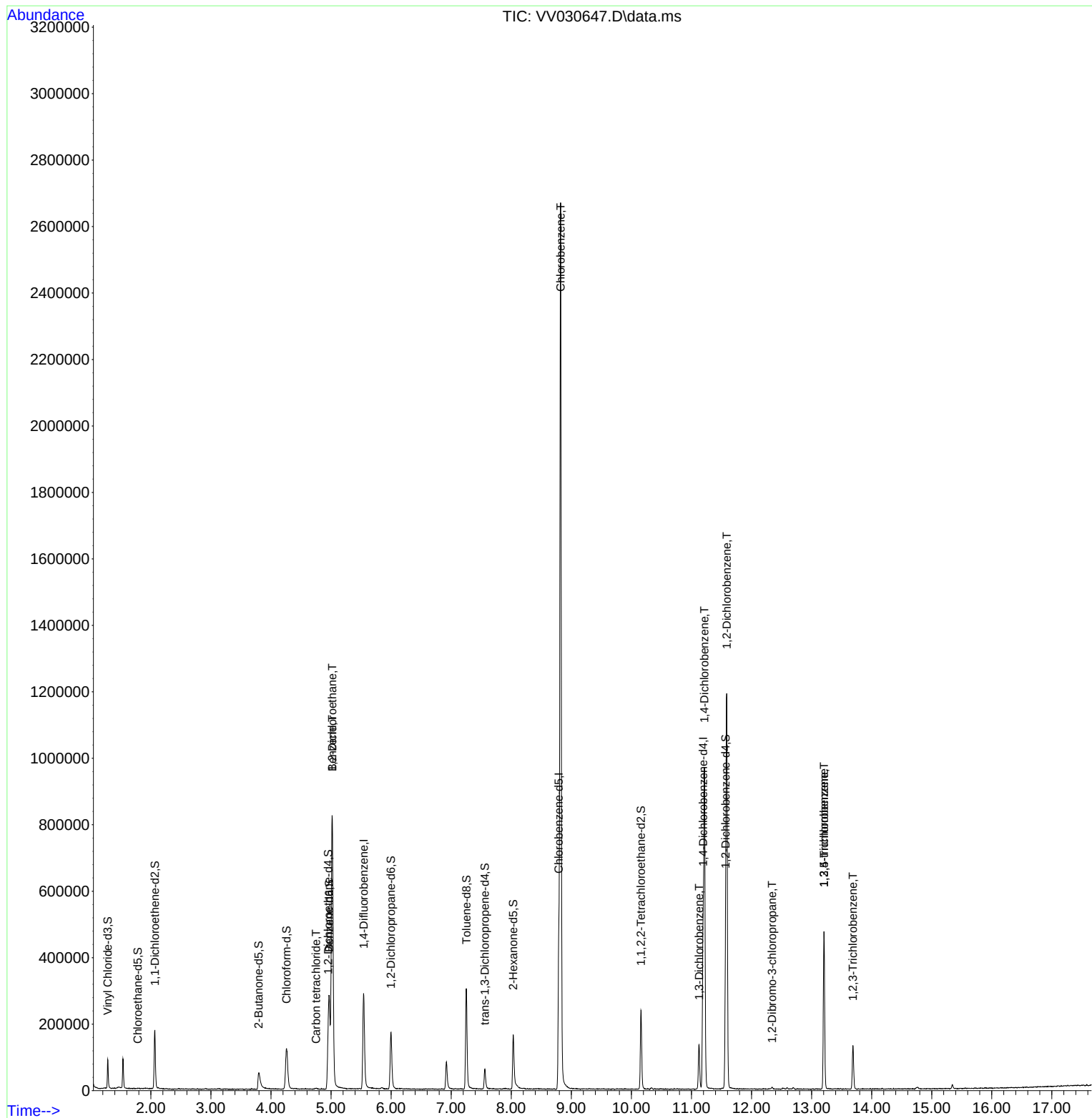
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240813	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	117596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57992	32.850	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.700%		
7) Chloroethane-d5	1.780	69	157	0.106	ug/L	0.24
Spiked Amount 50.000	Range 70 - 130		Recovery =	0.220%#		
11) 1,1-Dichloroethene-d2	2.066	65	31222	37.294	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.580%		
21) 2-Butanone-d5	3.796	46	82835	85.429	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.430%		
24) Chloroform-d	4.259	84	126804	39.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.280%		
26) 1,2-Dichloroethane-d4	4.953	65	88465	43.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
32) Benzene-d6	4.969	84	228605	41.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.700%		
36) 1,2-Dichloropropane-d6	5.995	67	74311	43.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.560%		
41) Toluene-d8	7.252	98	196514	37.861	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.720%#		
43) trans-1,3-Dichloroprop...	7.561	79	32852	37.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.920%		
47) 2-Hexanone-d5	8.034	63	52305	77.322	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.320%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104515	41.945	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.900%		
66) 1,2-Dichlorobenzene-d4	11.567	152	91120	48.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.500%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.018	62	7830	2.575	ug/L #	77
31) Carbon tetrachloride	4.751	117	1983	0.675	ug/L #	46
33) Benzene	5.018	78	795463	112.033	ug/L	100
51) Chlorobenzene	8.821	112	1291796	256.474	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	53938	14.690	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	353768	91.369	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	415515	112.174	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.342	75	1312	2.103	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.207	180	140044	50.490	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	140044	59.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	38102	16.316	ug/L	98

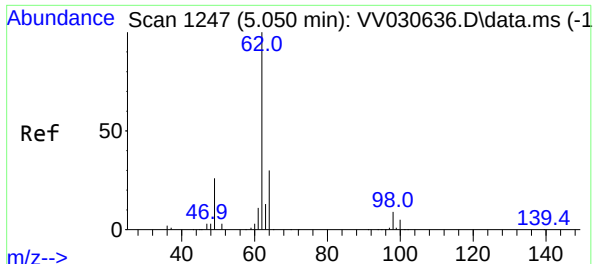
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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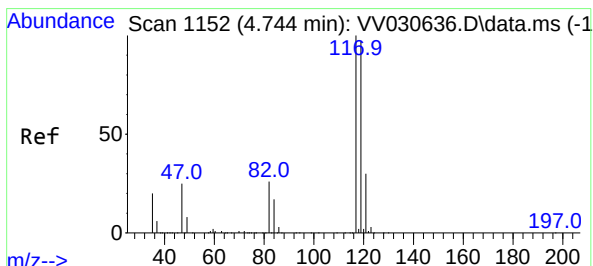
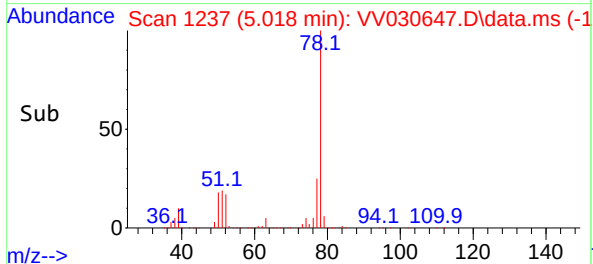
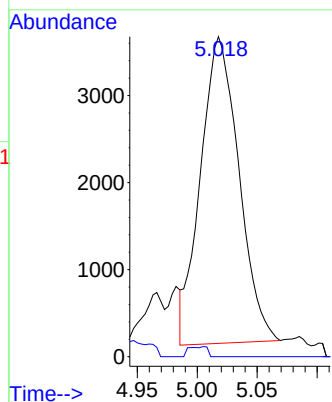
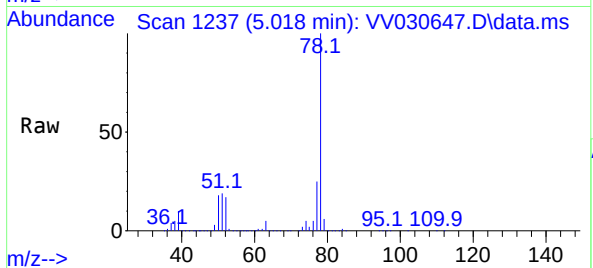




#27
1,2-Dichloroethane
Concen: 2.575 ug/L
RT: 5.018 min Scan# 1154
Delta R.T. -0.029 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

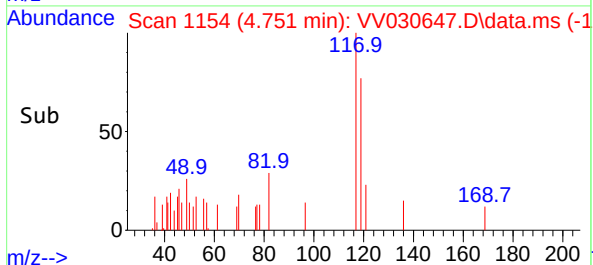
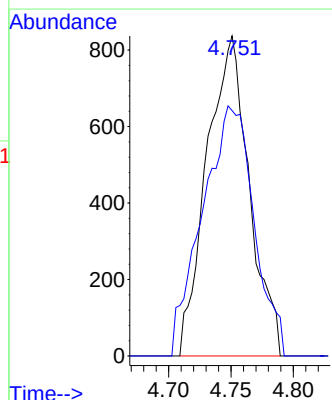
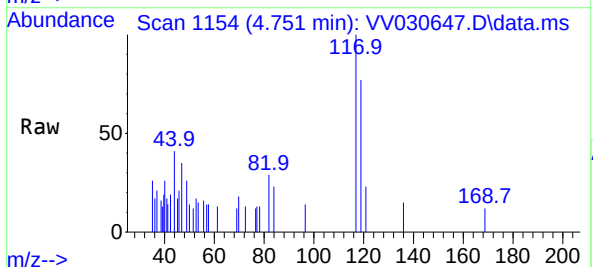
Instrument : MSVOA_V
ClientSampleId : COMN0

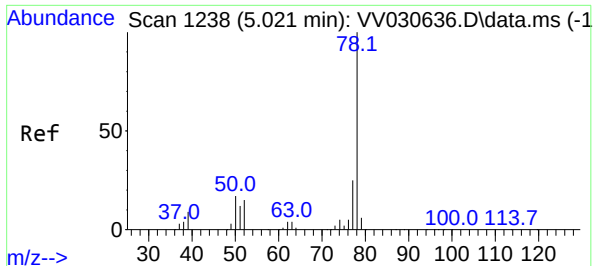
Tgt Ion: 62 Resp: 7830
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#



#31
Carbon tetrachloride
Concen: 0.675 ug/L
RT: 4.751 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

Tgt Ion: 117 Resp: 1983
Ion Ratio Lower Upper
117 100
119 42.3 75.9 113.9#

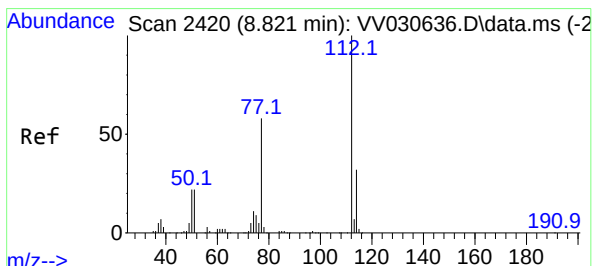
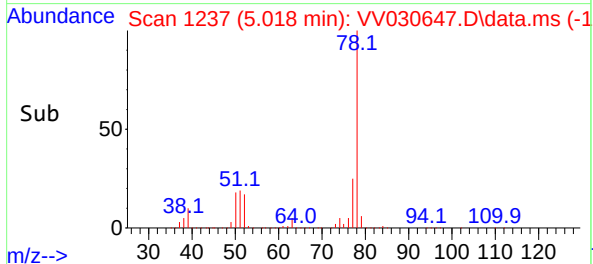
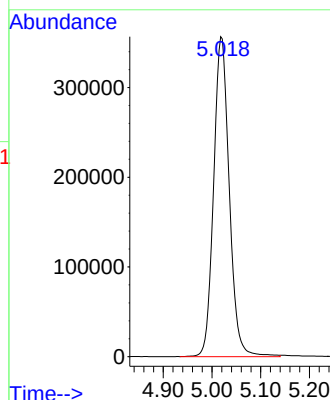
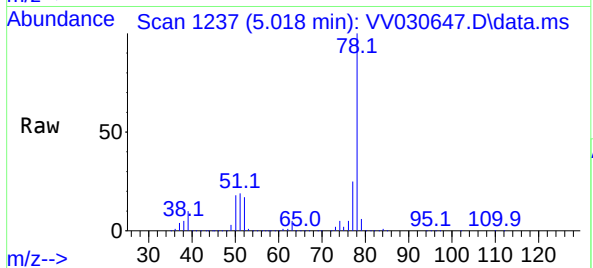




#33
Benzene
Concen: 112.033 ug/L
RT: 5.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

Instrument :
MSVOA_V
ClientSampleId :
COMN0

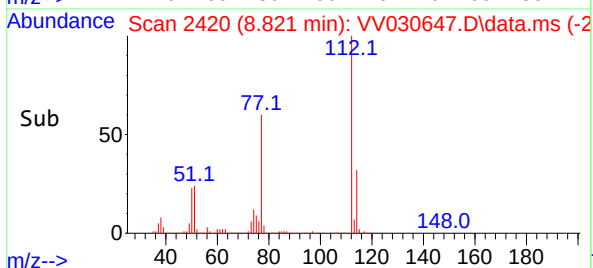
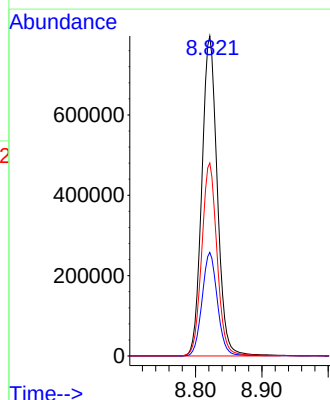
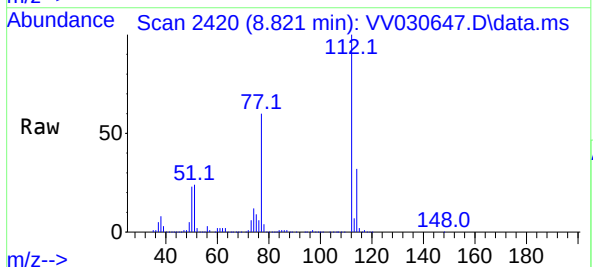
Tgt Ion: 78 Resp: 795463

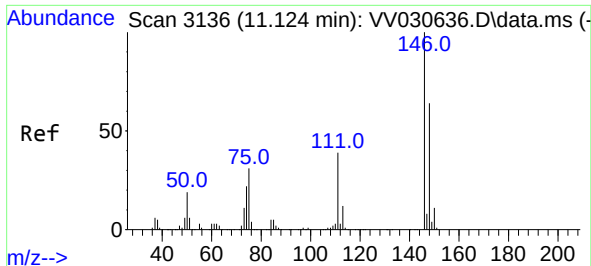


#51
Chlorobenzene
Concen: 256.474 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

Tgt Ion:112 Resp: 1291796

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.4	41.6
77	60.3	47.4	71.0

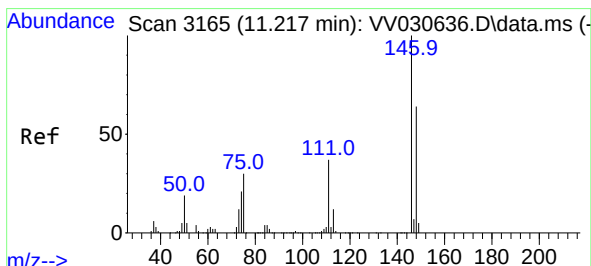
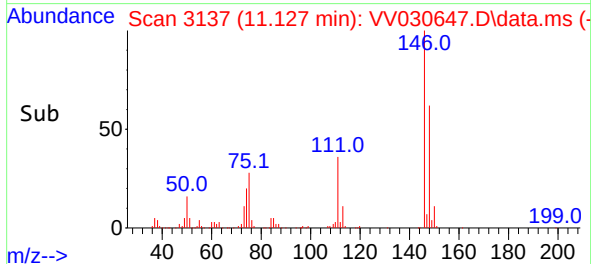
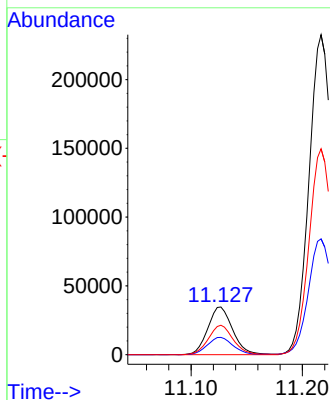
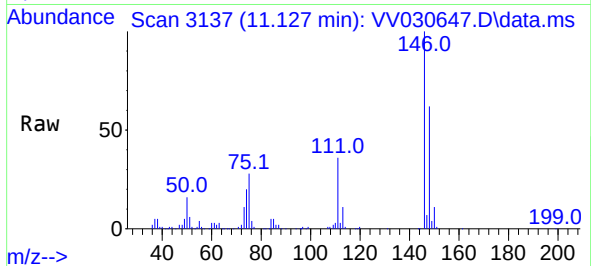




#64
1,3-Dichlorobenzene
Concen: 14.690 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

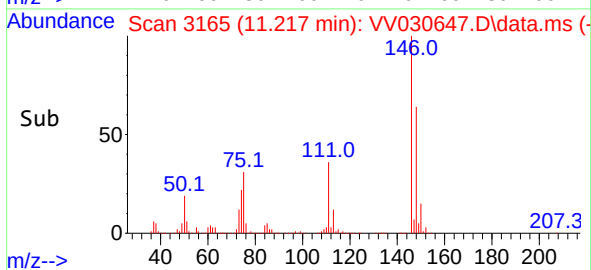
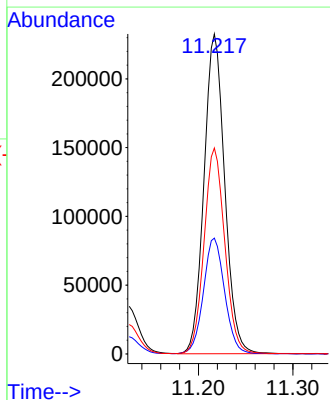
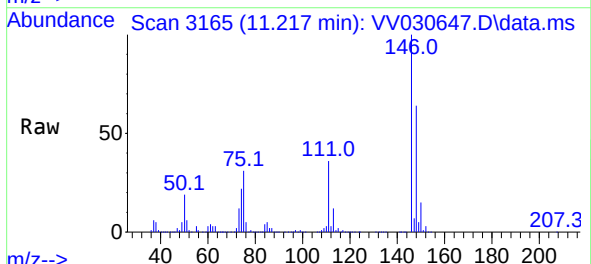
Instrument :
MSVOA_V
ClientSampleId :
COMNO

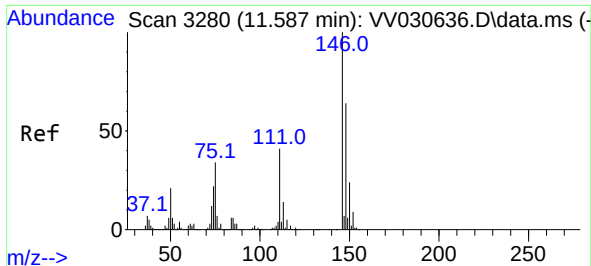
Tgt Ion:146 Resp: 53938
Ion Ratio Lower Upper
146 100
111 36.4 27.0 50.2
148 61.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 91.369 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

Tgt Ion:146 Resp: 353768
Ion Ratio Lower Upper
146 100
111 36.2 26.5 49.1
148 64.4 44.7 83.1

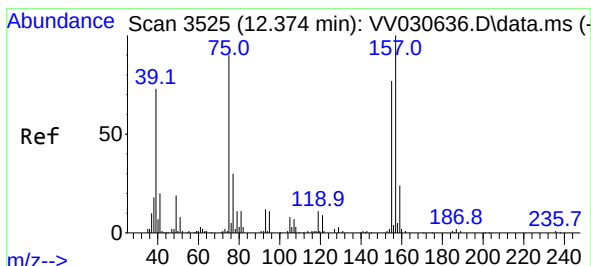
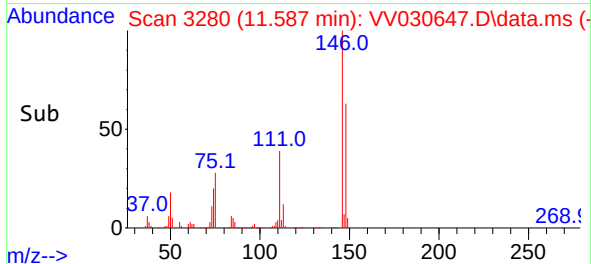
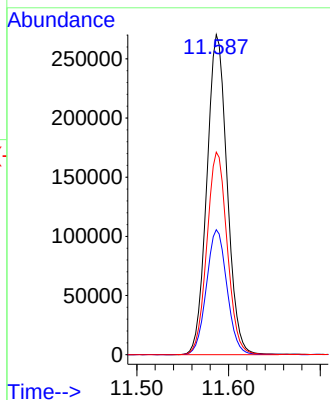
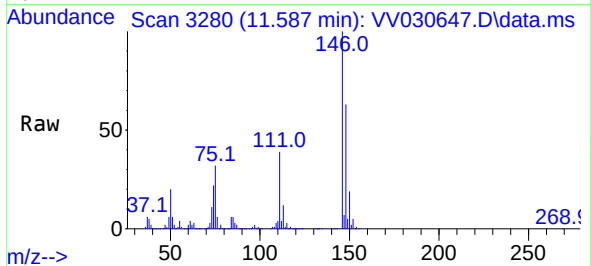




#67
1,2-Dichlorobenzene
Concen: 112.174 ug/L
RT: 11.587 min Scan# 3115
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

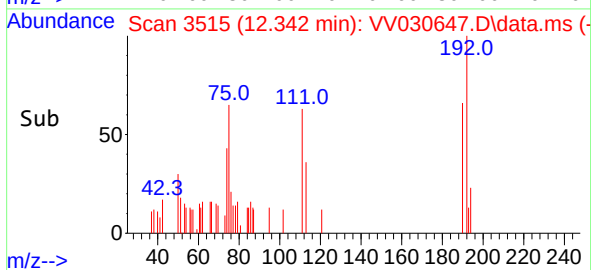
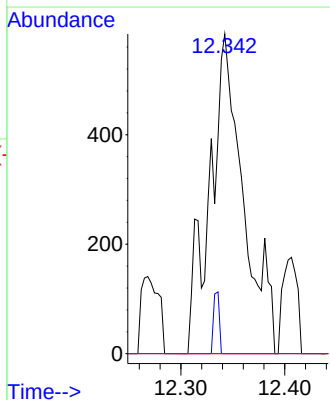
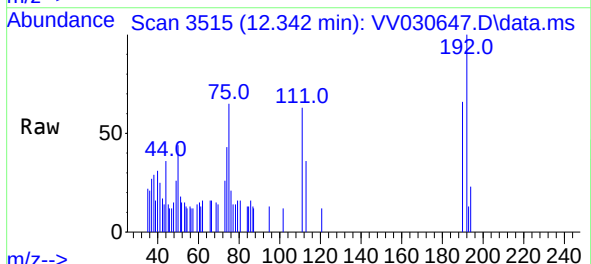
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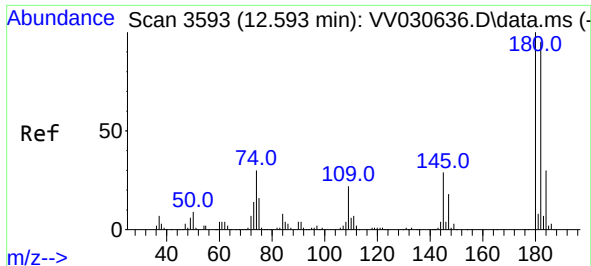
Tgt Ion:	146	Resp:	415515
Ion Ratio	Lower	Upper	
146	100		
111	39.1	32.0	48.0
148	63.3	50.6	76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.103 ug/L
RT: 12.342 min Scan# 3515
Delta R.T. -0.032 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

Tgt Ion:	75	Resp:	1312
Ion Ratio	Lower	Upper	
75	100		
155	0.0	65.0	97.6#
157	0.0	84.4	126.6#

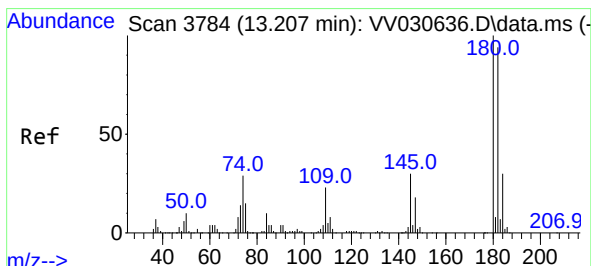
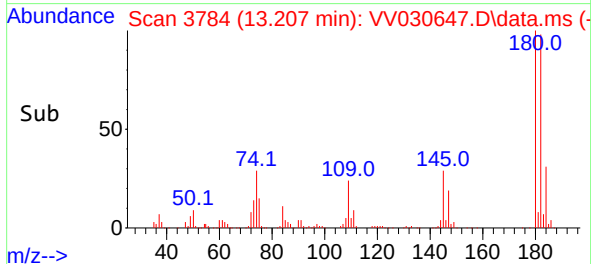
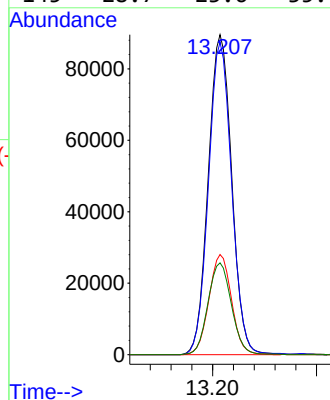
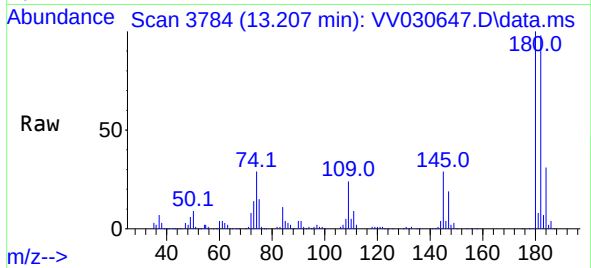




#69
 1,3,5-Trichlorobenzene
 Concen: 50.490 ug/L
 RT: 13.207 min Scan# 31
 Delta R.T. 0.614 min
 Lab File: VV030647.D
 Acq: 19 Apr 2023 03:27

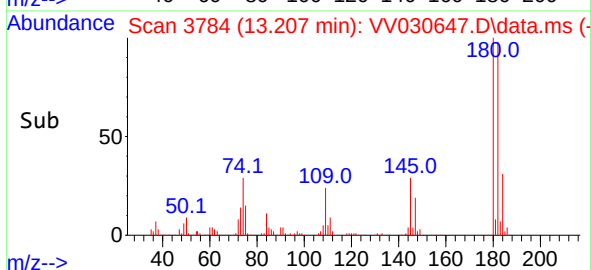
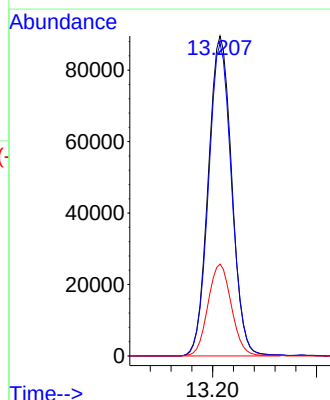
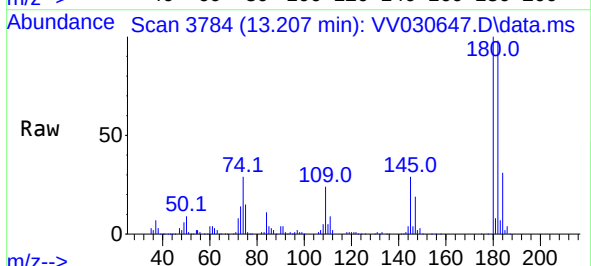
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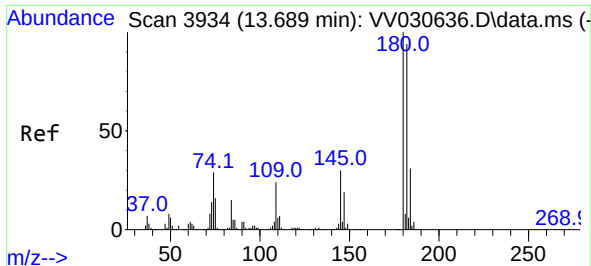
Tgt Ion:180 Resp: 140044
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.4 114.6
 184 30.2 24.1 36.1
 145 28.7 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 59.466 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030647.D
 Acq: 19 Apr 2023 03:27

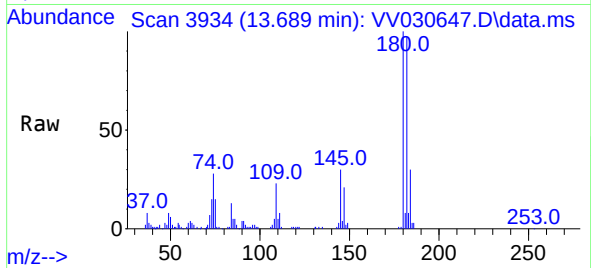
Tgt Ion:180 Resp: 140044
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.9 113.9
 145 28.7 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 16.316 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030647.D
 Acq: 19 Apr 2023 03:27

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN0



Tgt Ion:	180	Resp:	38102
Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.2	114.4
145	30.3	25.1	37.7

