

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030762.D
 Acq On : 21 Apr 2023 14:07
 Operator : SY/MD
 Sample : 02398-12DL 250X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP3DL

Quant Time: Apr 22 00:45:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

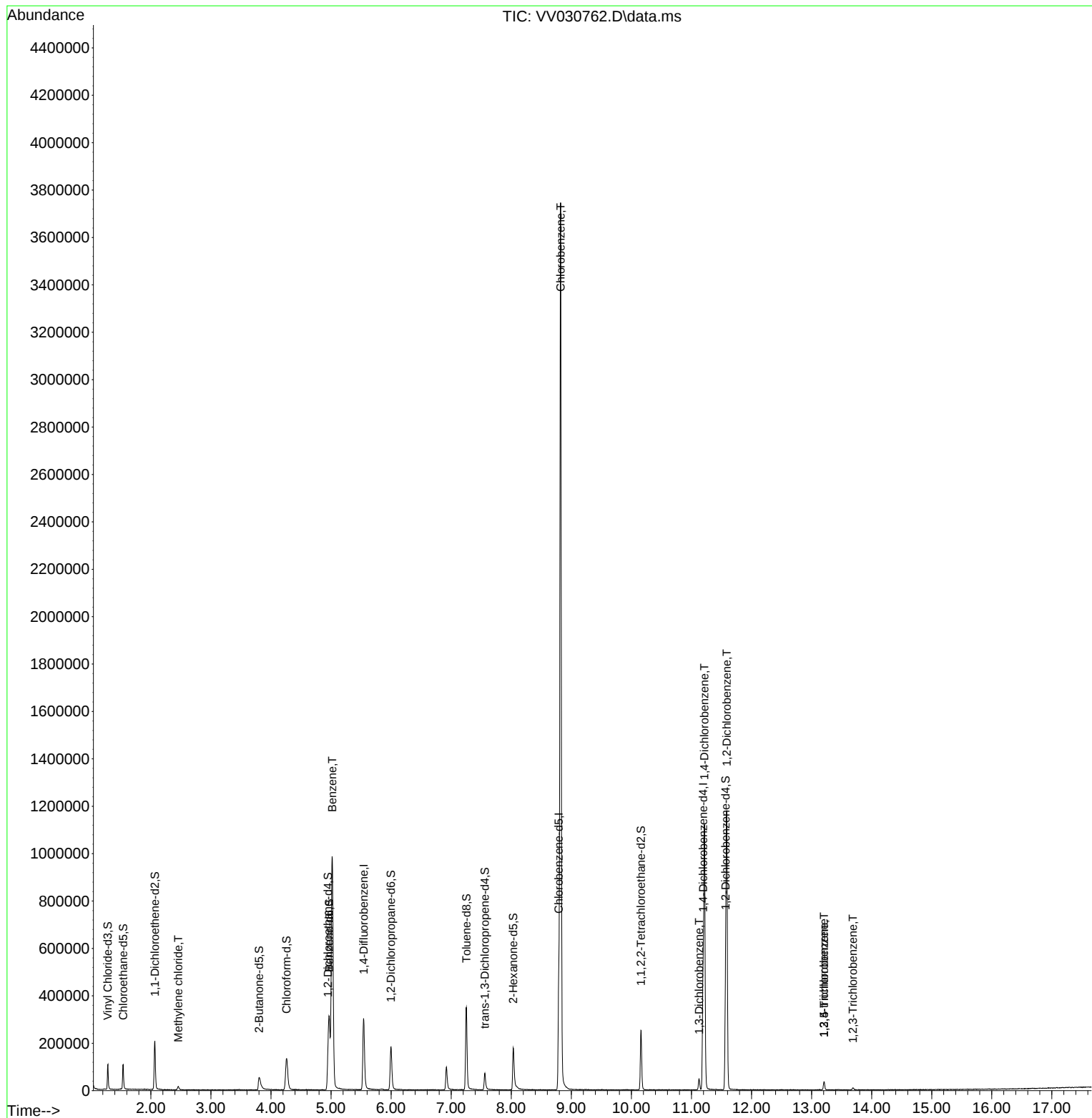
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	247778	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	239452	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	122722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68174	37.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.060%
7) Chloroethane-d5	1.539	69	61981	40.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	2.066	65	34276	39.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.580%
21) 2-Butanone-d5	3.802	46	96001	96.225	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.220%
24) Chloroform-d	4.259	84	137883	41.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.780%
26) 1,2-Dichloroethane-d4	4.950	65	96526	45.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	4.970	84	254683	44.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
36) 1,2-Dichloropropane-d6	5.998	67	77458	44.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.100%
41) Toluene-d8	7.252	98	222566	41.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.740%
43) trans-1,3-Dichloroprop...	7.561	79	38946	43.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.880%
47) 2-Hexanone-d5	8.034	63	58835	84.928	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.930%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108581	42.552	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.100%
66) 1,2-Dichlorobenzene-d4	11.567	152	98455	50.474	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.940%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.458	84	6045	3.045	ug/L	98
33) Benzene	5.018	78	952712	131.022	ug/L	100
51) Chlorobenzene	8.822	112	1816032	352.071	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	17353	4.529	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	419472	103.813	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	412050	106.592	ug/L	98
69) 1,3,5-Trichlorobenzene	13.210	180	10323	3.566	ug/L	97
70) 1,2,4-trichlorobenzene	13.210	180	10323	4.200	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	2601	1.067	ug/L #	93

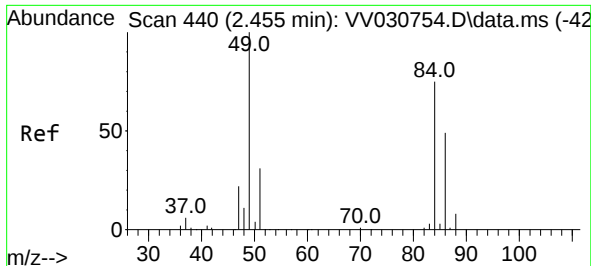
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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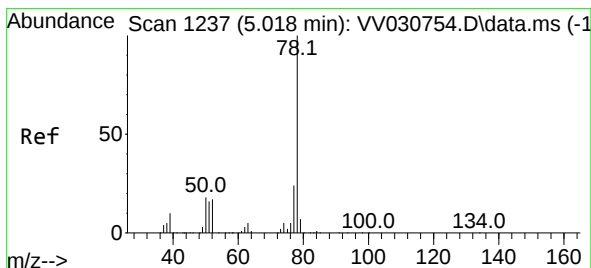
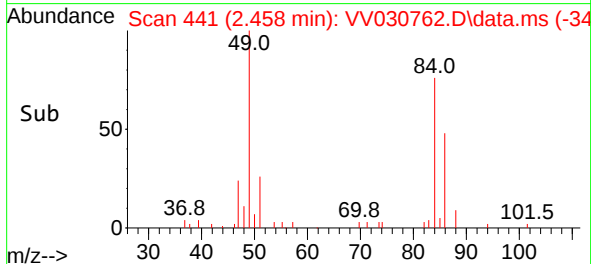
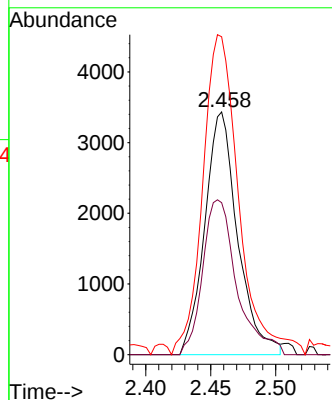
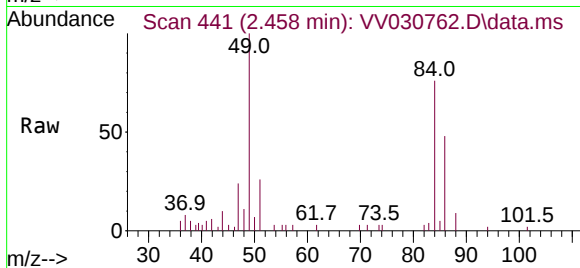




#16
Methylene chloride
Concen: 3.045 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030762.D
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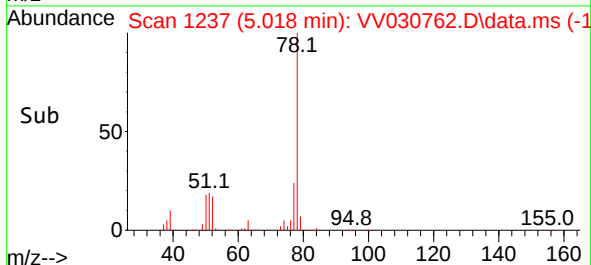
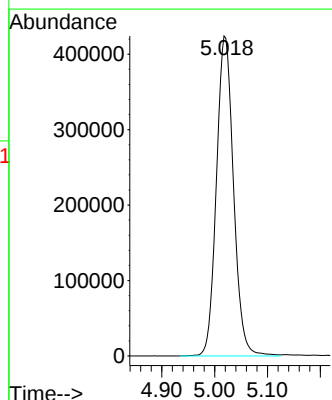
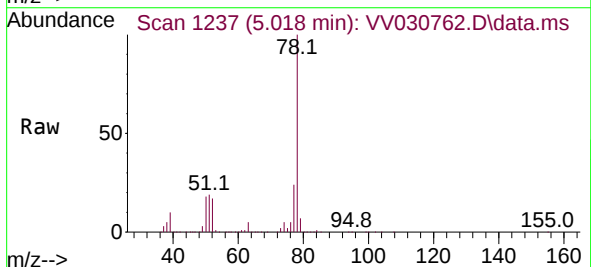
Instrument :
MSVOA_V
ClientSampleId :
COMP3DL

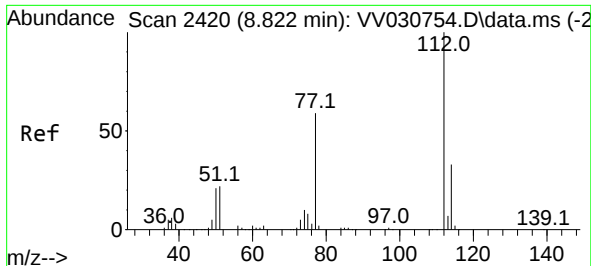
Tgt Ion: 84 Resp: 6045
Ion Ratio Lower Upper
84 100
86 62.6 45.4 84.2
49 131.0 90.4 168.0



#33
Benzene
Concen: 131.022 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030762.D
Acq: 21 Apr 2023 14:07

Tgt Ion: 78 Resp: 952712

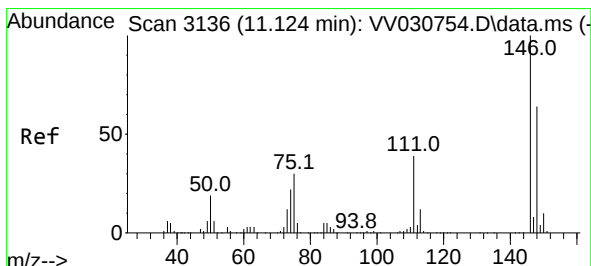
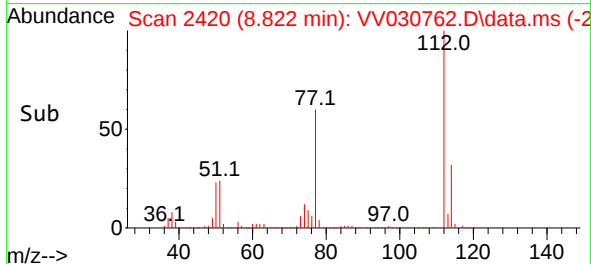
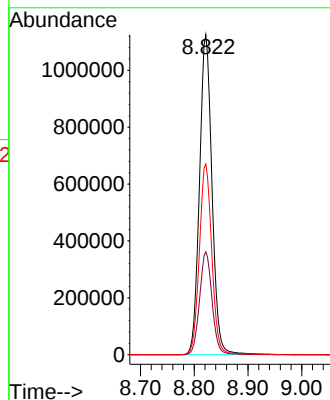
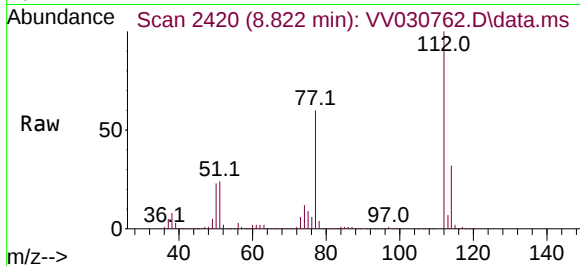




#51
Chlorobenzene
Concen: 352.071 ug/L
RT: 8.822 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030762.D
Acq: 21 Apr 2023 14:07

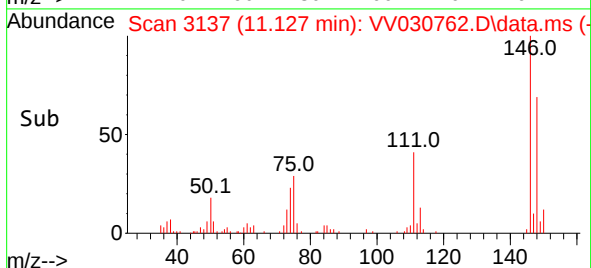
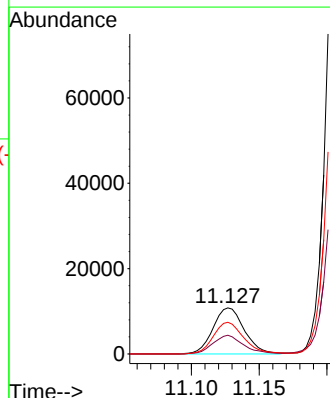
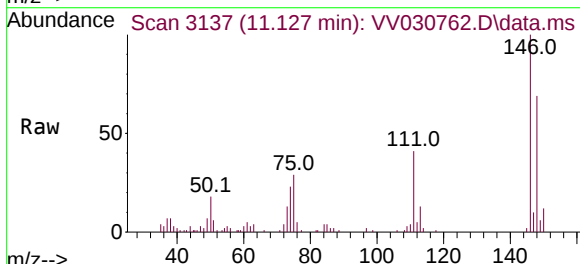
Instrument :
MSVOA_V
ClientSampleId :
COMP3DL

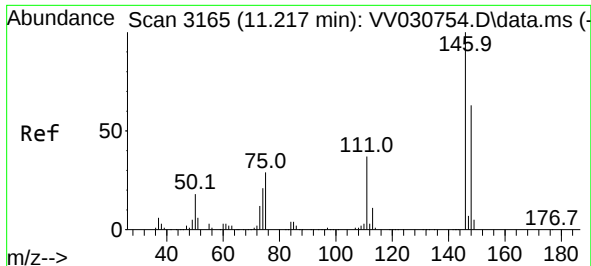
Tgt Ion:112 Resp: 1816032
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 59.6 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 4.529 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030762.D
Acq: 21 Apr 2023 14:07

Tgt Ion:146 Resp: 17353
Ion Ratio Lower Upper
146 100
111 40.7 27.0 50.2
148 68.7 44.8 83.2

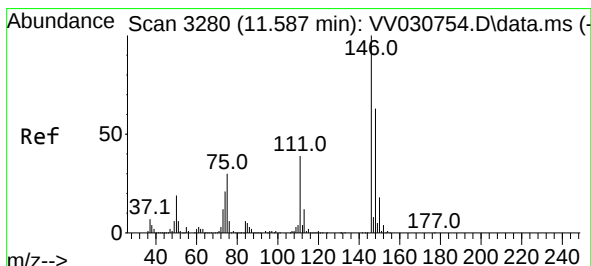
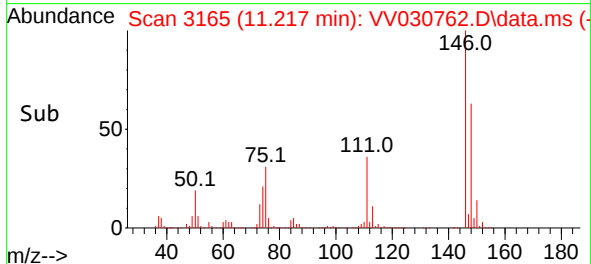
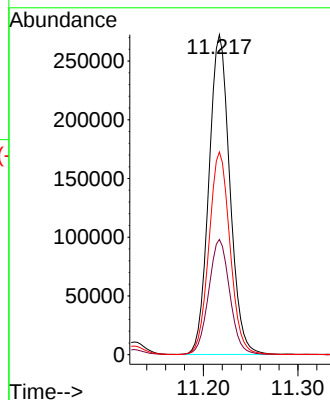
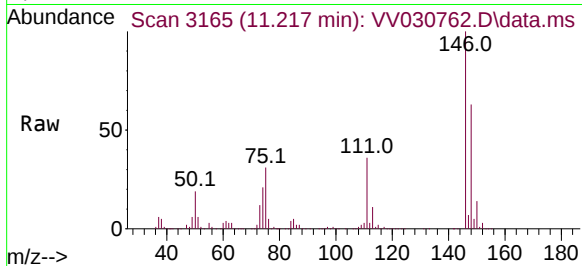




#65
1,4-Dichlorobenzene
Concen: 103.813 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030762.D
Acq: 21 Apr 2023 14:07

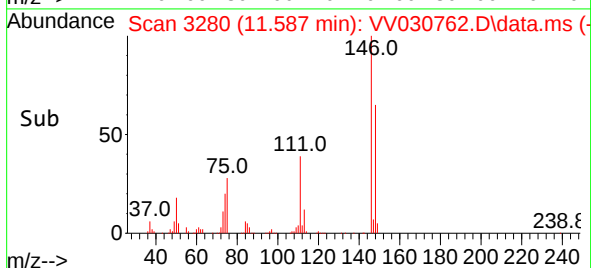
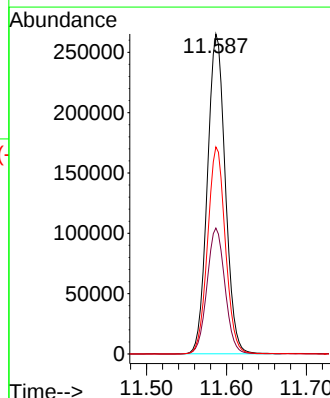
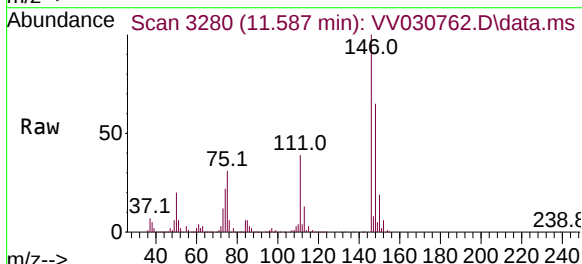
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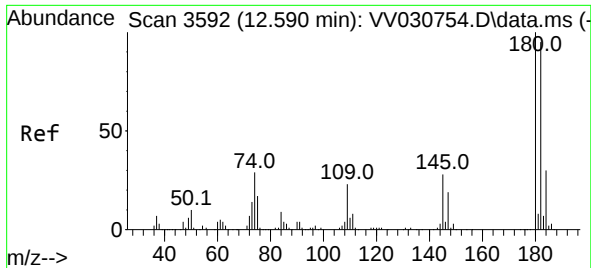
Tgt Ion:146 Resp: 419472
Ion Ratio Lower Upper
146 100
111 36.0 26.5 49.1
148 63.4 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 106.592 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030762.D
Acq: 21 Apr 2023 14:07

Tgt Ion:146 Resp: 412050
Ion Ratio Lower Upper
146 100
111 39.4 32.0 48.0
148 64.7 50.6 76.0

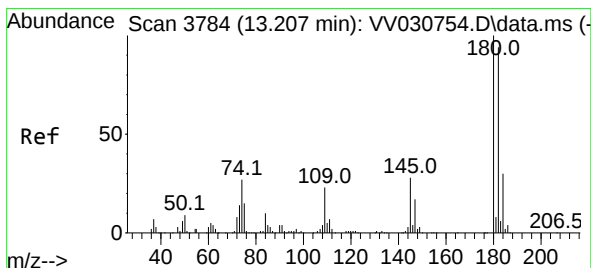
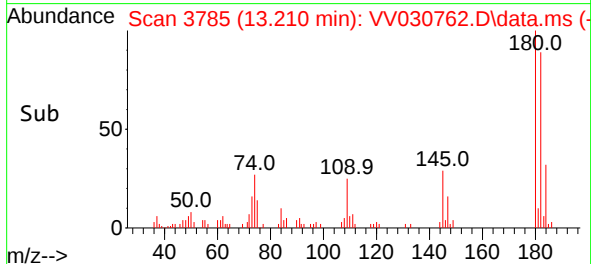
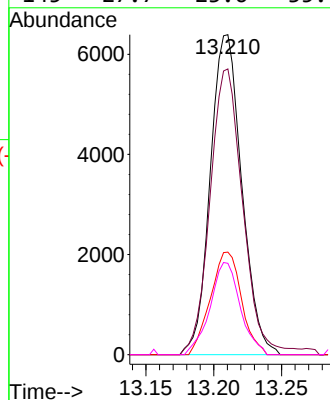
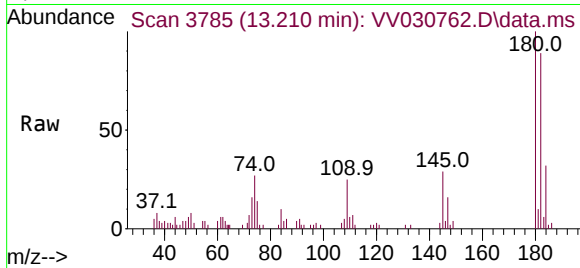




#69
 1,3,5-Trichlorobenzene
 Concen: 3.566 ug/L
 RT: 13.210 min Scan# 31
 Delta R.T. 0.620 min
 Lab File: VV030762.D
 Acq: 21 Apr 2023 14:07

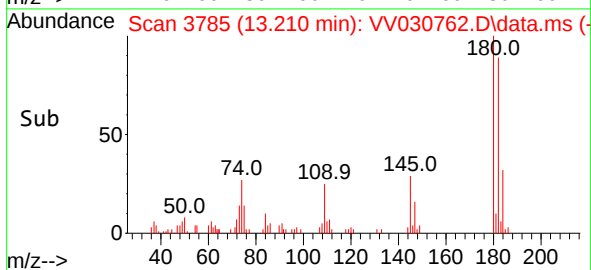
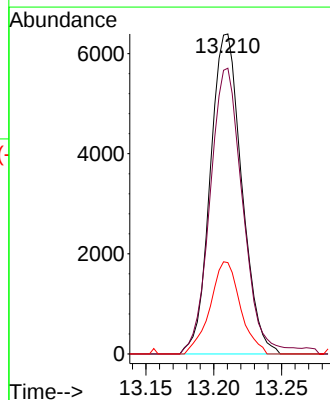
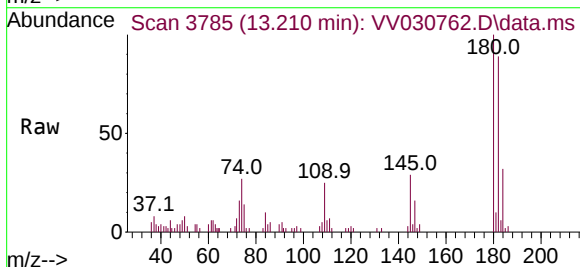
Instrument :
 MSVOA_V
 ClientSampleId :
 COMP3DL

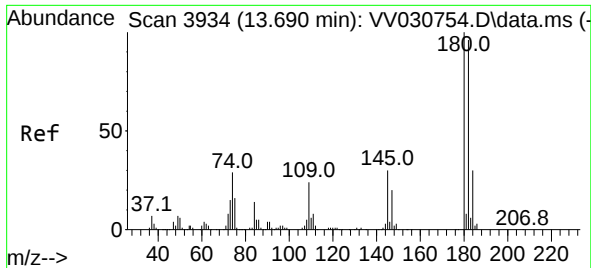
Tgt Ion:180	Resp:	10323
Ion Ratio	Lower	Upper
180	100	
182	92.1	76.4 114.6
184	31.6	24.1 36.1
145	27.7	23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.200 ug/L
 RT: 13.210 min Scan# 3785
 Delta R.T. 0.003 min
 Lab File: VV030762.D
 Acq: 21 Apr 2023 14:07

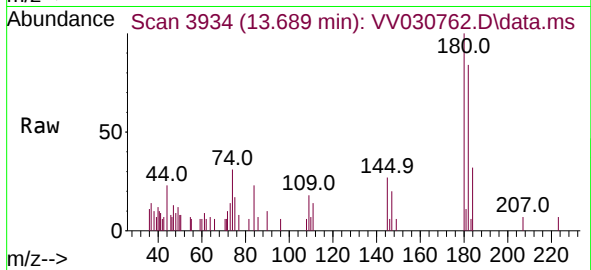
Tgt Ion:180	Resp:	10323
Ion Ratio	Lower	Upper
180	100	
182	92.1	75.9 113.9
145	27.7	23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.067 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030762.D
 Acq: 21 Apr 2023 14:07

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	180	Resp:	2601
Ion	Ratio	Lower	Upper
180	100		
182	90.2	76.2	114.4
145	24.5	25.1	37.7#

