

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030648.D
 Acq On : 19 Apr 2023 03:51
 Operator : SY/MD
 Sample : 02398-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN1

Quant Time: Apr 19 04:31:45 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

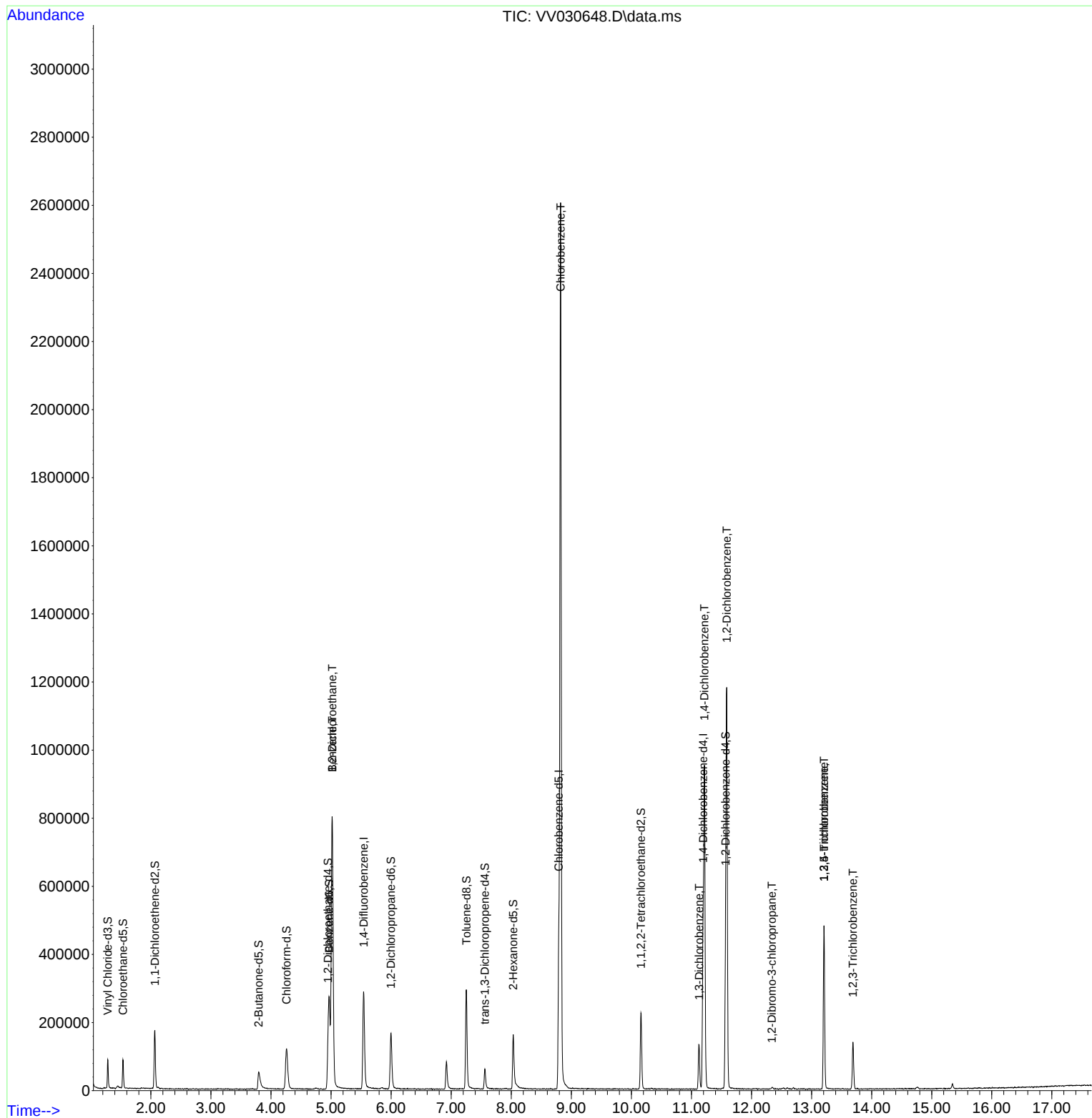
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240430	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	231654	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	116911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57295	32.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.020%
7) Chloroethane-d5	1.536	69	50384	34.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.220%#
11) 1,1-Dichloroethene-d2	2.066	65	29209	34.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.900%
21) 2-Butanone-d5	3.796	46	82706	85.432	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.430%
24) Chloroform-d	4.259	84	123552	38.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.360%
26) 1,2-Dichloroethane-d4	4.950	65	86399	42.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.140%
32) Benzene-d6	4.970	84	220212	40.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.420%
36) 1,2-Dichloropropane-d6	5.998	67	73047	42.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.880%
41) Toluene-d8	7.252	98	188770	36.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.420%#
43) trans-1,3-Dichloroprop...	7.561	79	32923	38.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.800%
47) 2-Hexanone-d5	8.034	63	52542	78.397	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	101590	41.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.300%
66) 1,2-Dichlorobenzene-d4	11.567	152	88354	47.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.100%
Target Compounds						
27) 1,2-Dichloroethane	5.018	62	7208	2.374	ug/L #	86
33) Benzene	5.018	78	774638	110.118	ug/L	100
51) Chlorobenzene	8.821	112	1251019	250.697	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	52827	14.472	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	348254	90.472	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	408088	110.814	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.339	75	1100	1.773	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.207	180	140521	50.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	140521	60.018	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	39845	17.162	ug/L	99

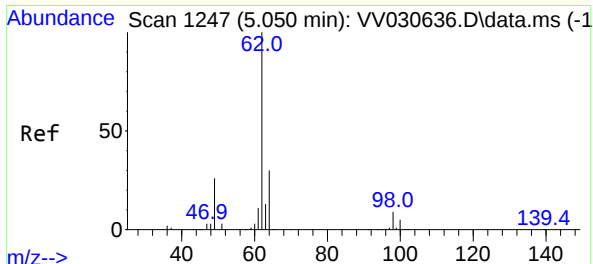
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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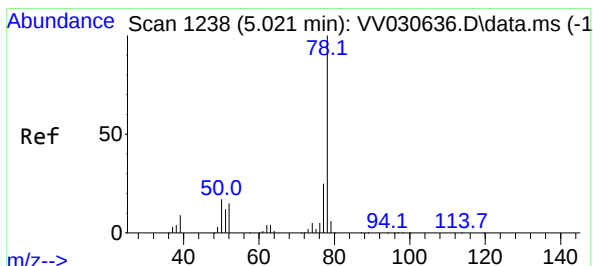
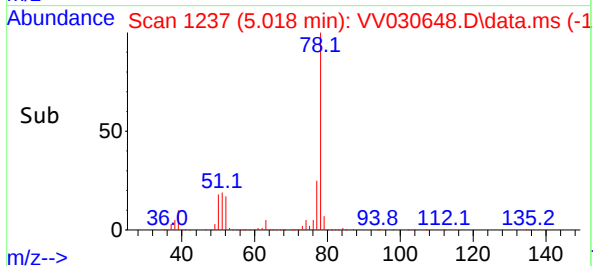
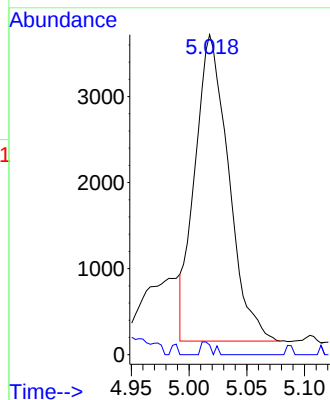
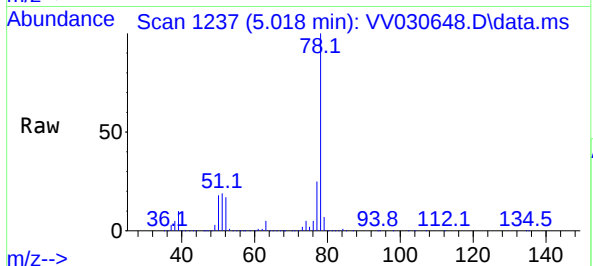




#27
1,2-Dichloroethane
Concen: 2.374 ug/L
RT: 5.018 min Scan# 11
Delta R.T. -0.029 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

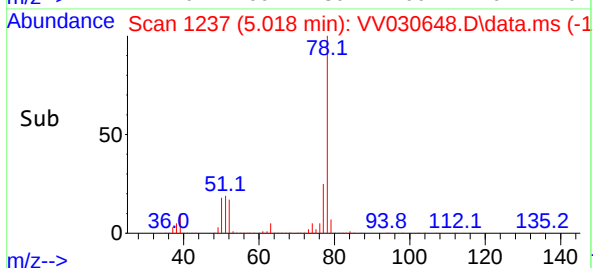
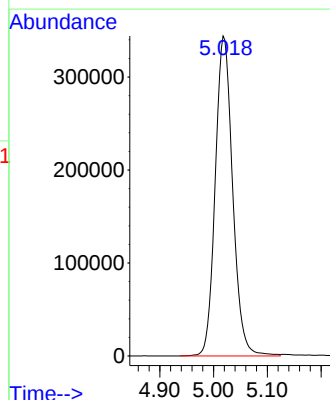
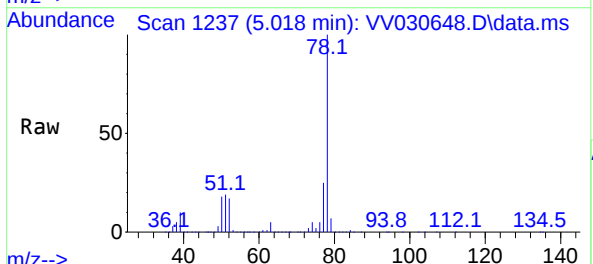
Instrument :
MSVOA_V
ClientSampleId :
COMN1

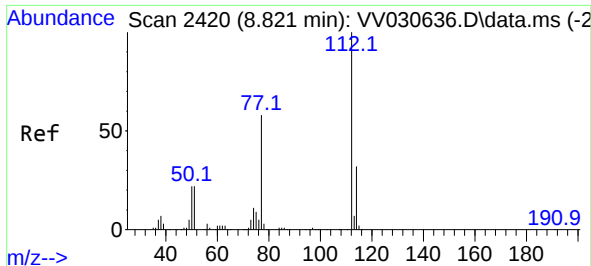
Tgt Ion: 62 Resp: 7208
Ion Ratio Lower Upper
62 100
98 3.1 6.4 9.6#



#33
Benzene
Concen: 110.118 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

Tgt Ion: 78 Resp: 774638

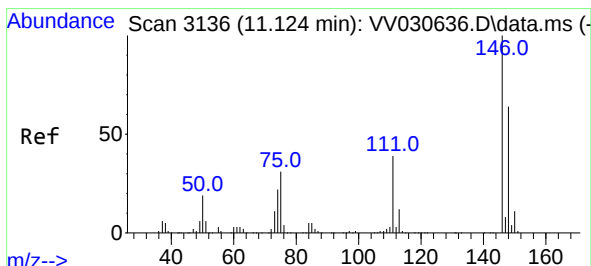
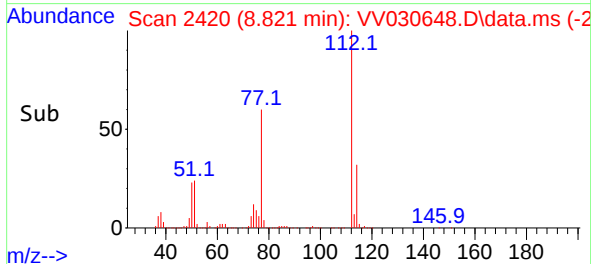
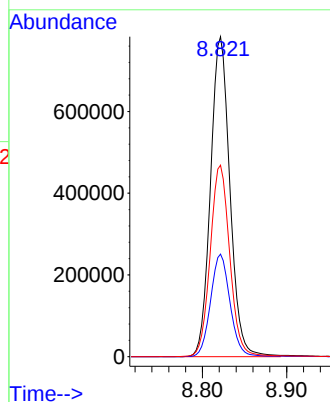
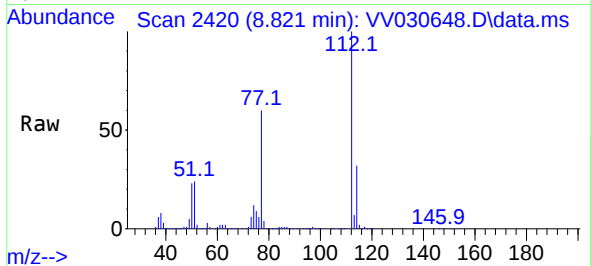




#51
Chlorobenzene
Concen: 250.697 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

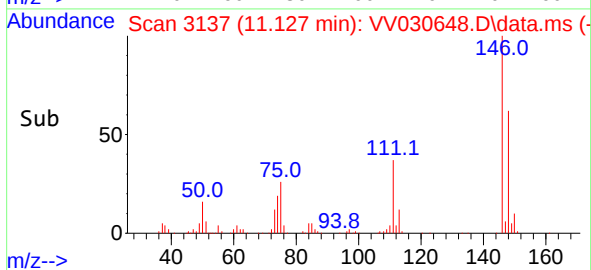
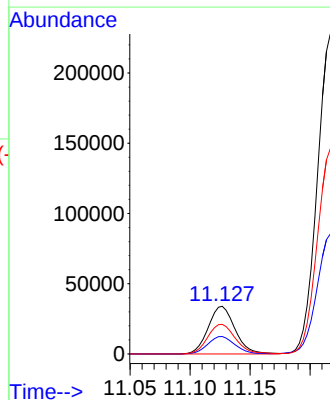
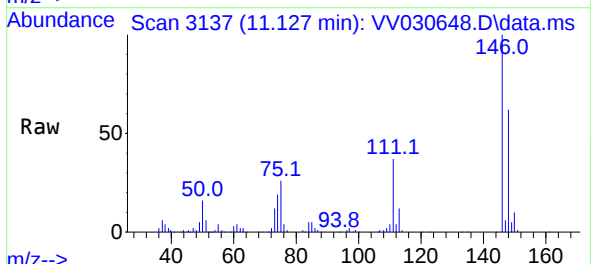
Instrument :
MSVOA_V
ClientSampleId :
COMN1

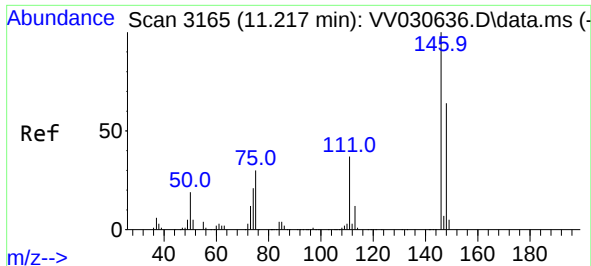
Tgt Ion:112 Resp: 1251019
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 59.8 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 14.472 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

Tgt Ion:146 Resp: 52827
Ion Ratio Lower Upper
146 100
111 36.5 27.0 50.2
148 62.3 44.8 83.2

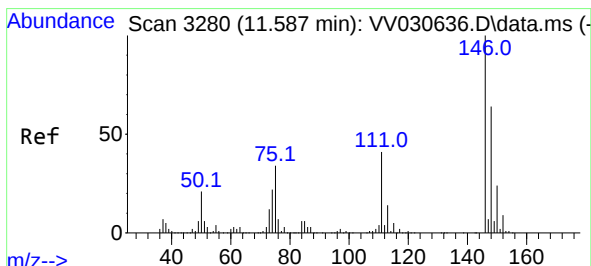
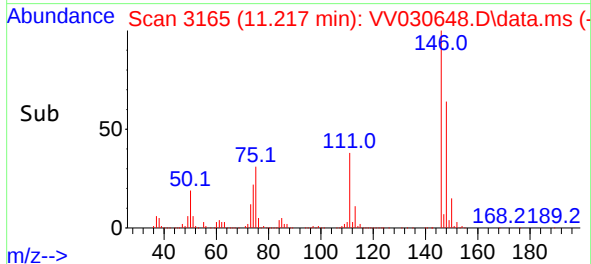
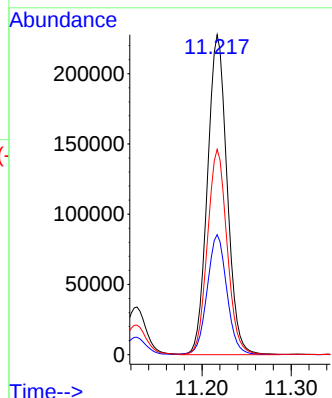
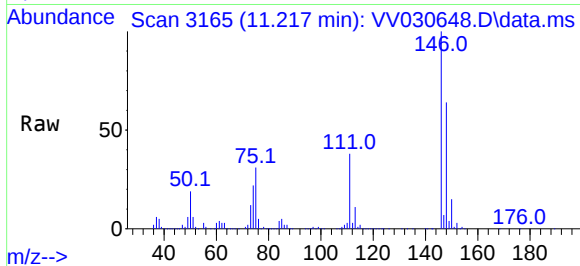




#65
1,4-Dichlorobenzene
Concen: 90.472 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

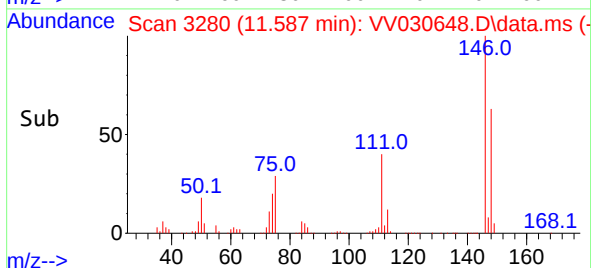
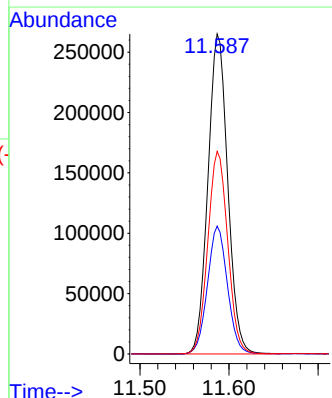
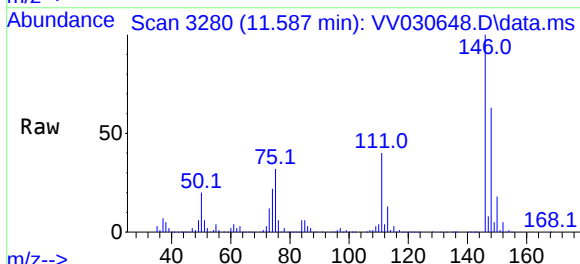
Instrument :
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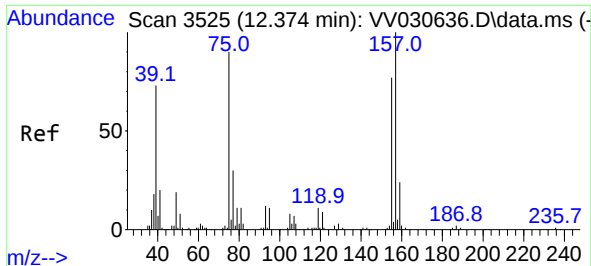
Tgt Ion:146 Resp: 348254
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.1
148 64.1 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 110.814 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

Tgt Ion:146 Resp: 408088
Ion Ratio Lower Upper
146 100
111 40.0 32.0 48.0
148 63.3 50.6 76.0

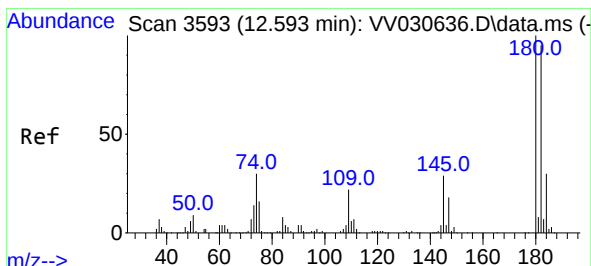
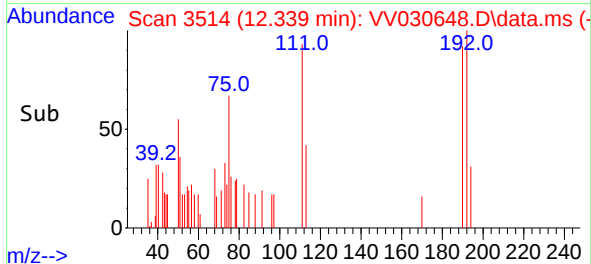
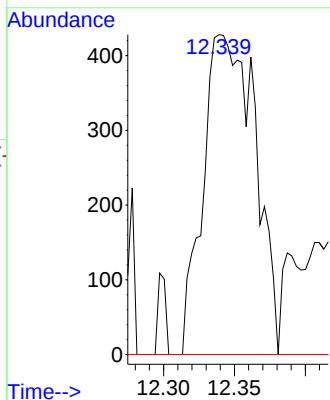
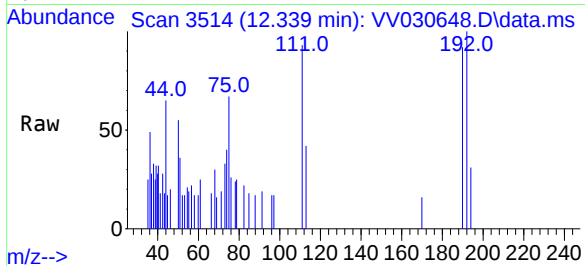




#68
1,2-Dibromo-3-chloropropane
Concen: 1.773 ug/L
RT: 12.339 min Scan# 31
Delta R.T. -0.035 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

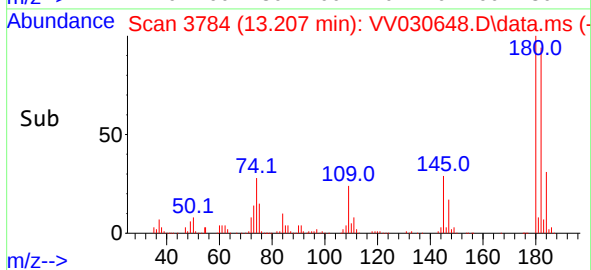
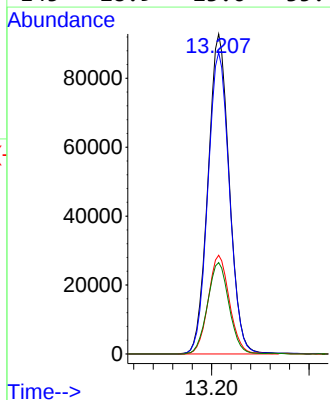
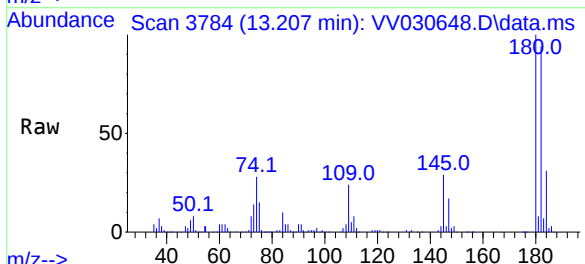
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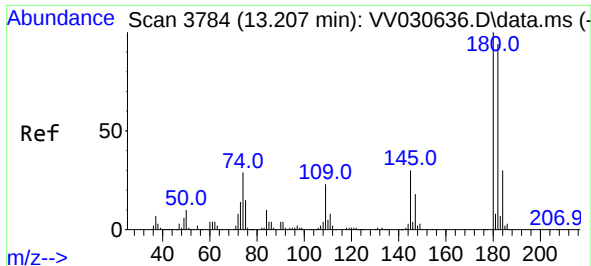
Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
155 0.0 65.0 97.6#
157 0.0 84.4 126.6#



#69
1,3,5-Trichlorobenzene
Concen: 50.959 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.614 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

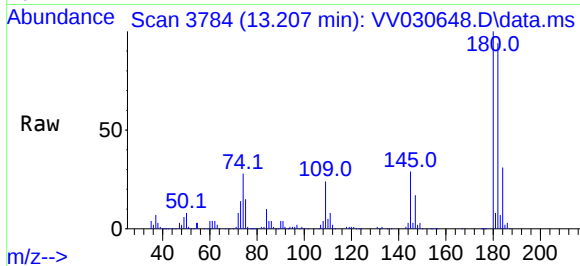
Tgt Ion:180 Resp: 140521
Ion Ratio Lower Upper
180 100
182 95.2 76.4 114.6
184 30.9 24.1 36.1
145 28.9 23.6 35.4



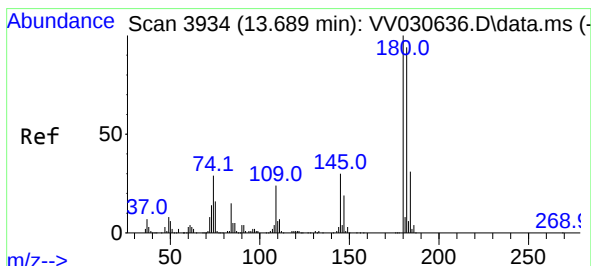
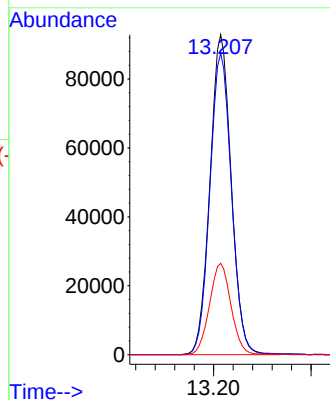
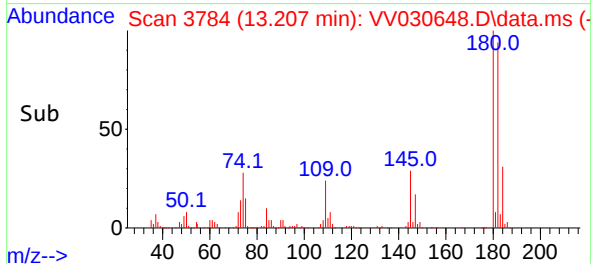


#70
1,2,4-trichlorobenzene
Concen: 60.018 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51

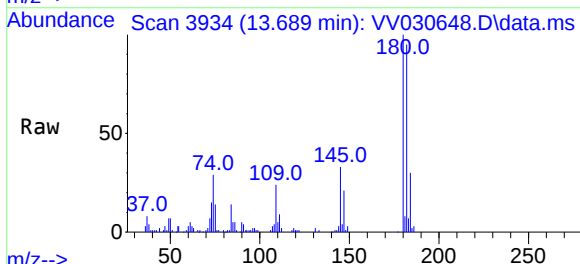
Instrument :
MSVOA_V
ClientSampleId :
COMN1



Tgt Ion:180 Resp: 140521
Ion Ratio Lower Upper
180 100
182 95.2 75.9 113.9
145 28.9 23.4 35.2



#72
1,2,3-Trichlorobenzene
Concen: 17.162 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030648.D
Acq: 19 Apr 2023 03:51



Tgt Ion:180 Resp: 39845
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 32.3 25.1 37.7

