

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030785.D
 Acq On : 24 Apr 2023 12:12
 Operator : SY/MD
 Sample : 02398-03DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN2DL

Quant Time: Apr 25 03:21:49 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)

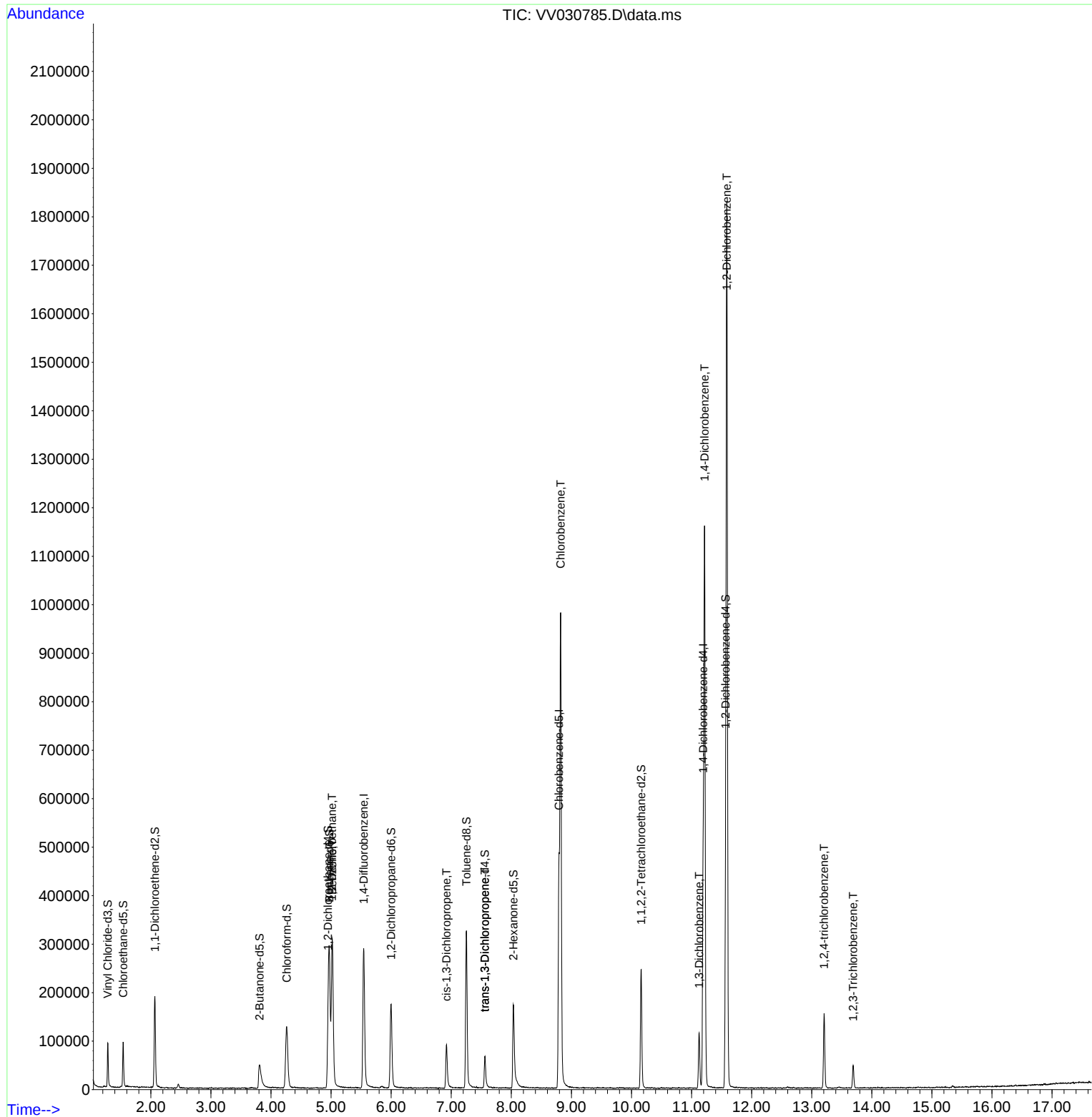
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242613	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	236481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	123096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61142	34.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.760%
7) Chloroethane-d5	1.539	69	54938	36.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.720%
11) 1,1-Dichloroethene-d2	2.066	65	31346	37.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.320%
21) 2-Butanone-d5	3.809	46	90086	92.218	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.220%
24) Chloroform-d	4.262	84	132505	41.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.220%
26) 1,2-Dichloroethane-d4	4.950	65	94515	45.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	4.969	84	241444	43.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.360%
36) 1,2-Dichloropropane-d6	5.998	67	74228	42.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.480%
41) Toluene-d8	7.252	98	213123	40.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.561	79	37456	42.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
47) 2-Hexanone-d5	8.034	63	59597	87.109	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.110%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	107504	42.659	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	11.567	152	96868	49.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.014	62	3005	0.981	ug/L #	77
33) Benzene	5.021	78	301697	42.012	ug/L	100
39) cis-1,3-Dichloropropene	6.918	75	2642	0.911	ug/L #	60
44) trans-1,3-Dichloropropene	7.561	75	2169	0.761	ug/L	87
51) Chlorobenzene	8.821	112	494149	97.003	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	46086	11.991	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	428678	105.769	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	656074	169.202	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	45764	18.564	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	13556	5.546	ug/L	97

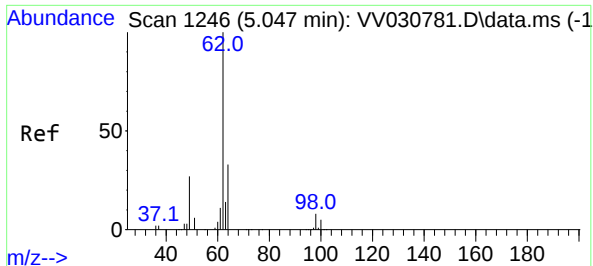
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
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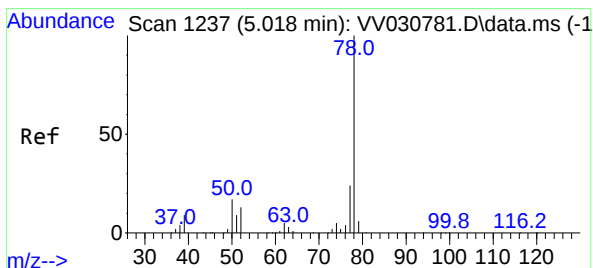
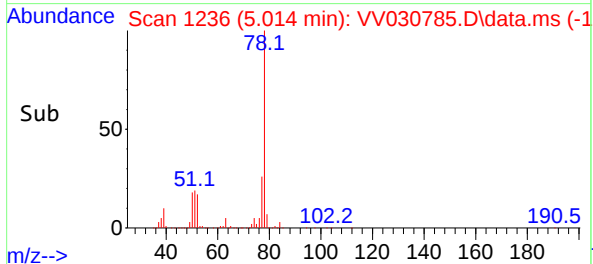
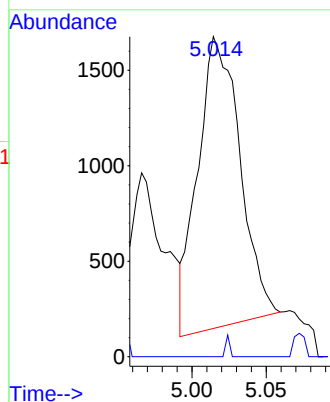
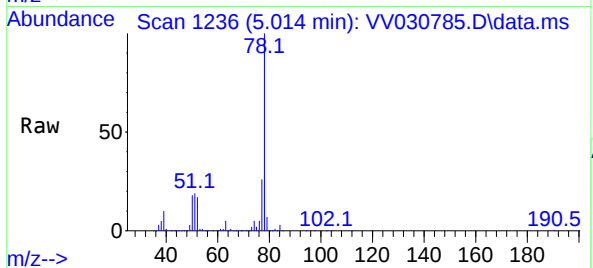




#27
1,2-Dichloroethane
Concen: 0.981 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.036 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

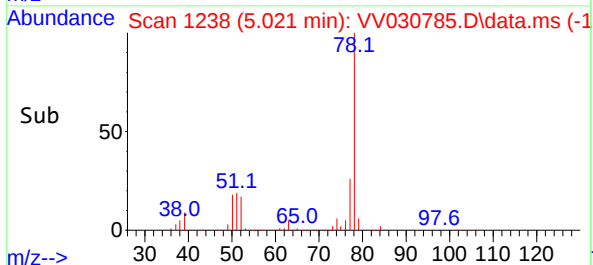
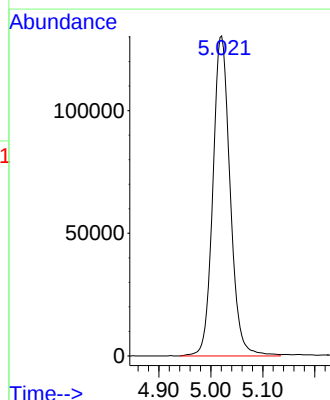
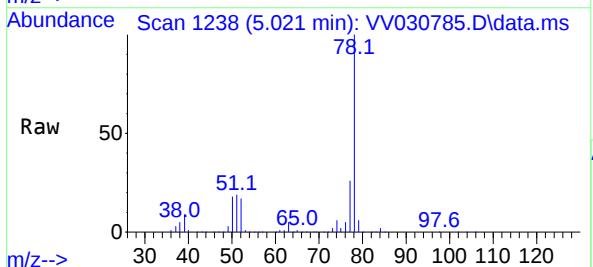
Instrument :
MSVOA_V
ClientSampleId :
COMN2DL

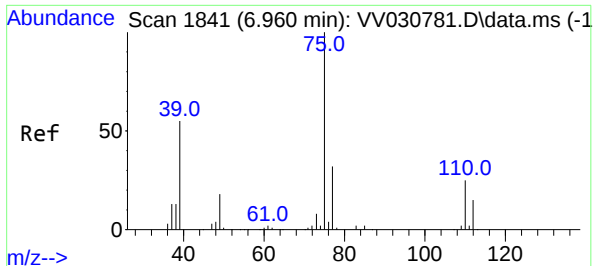
Tgt Ion: 62 Resp: 3005
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#



#33
Benzene
Concen: 42.012 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

Tgt Ion: 78 Resp: 301697





#39

cis-1,3-Dichloropropene

Concen: 0.911 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030785.D

Acq: 24 Apr 2023 12:12

Instrument :

MSVOA_V

ClientSampleId :

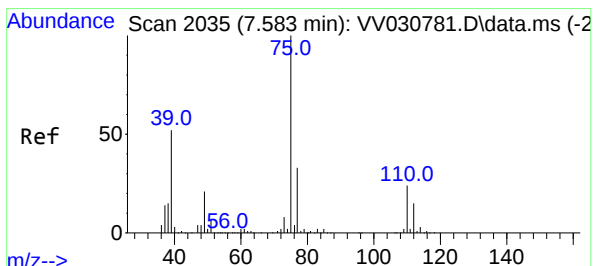
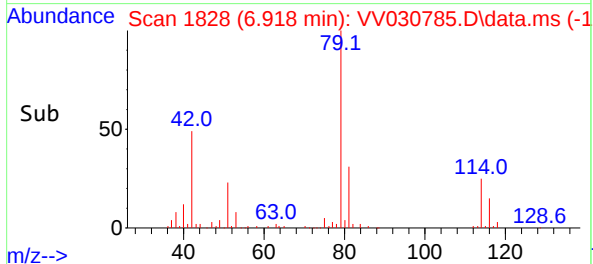
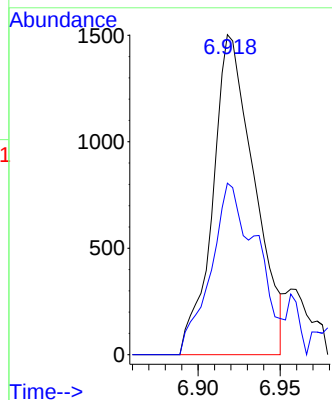
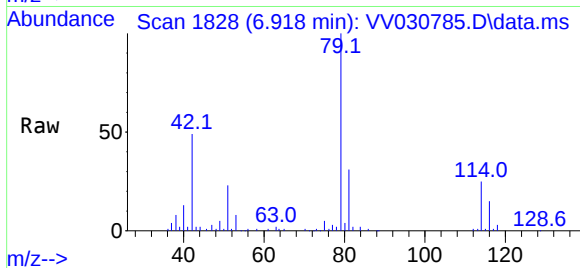
COMN2DL

Tgt Ion: 75 Resp: 2642

Ion Ratio Lower Upper

75 100

77 53.6 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.761 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030785.D

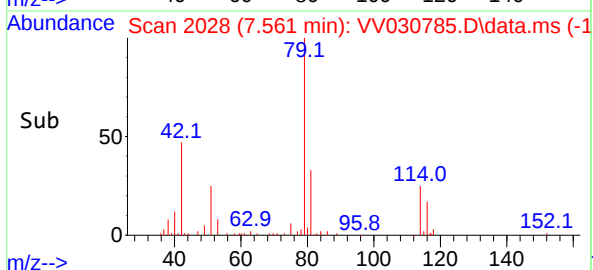
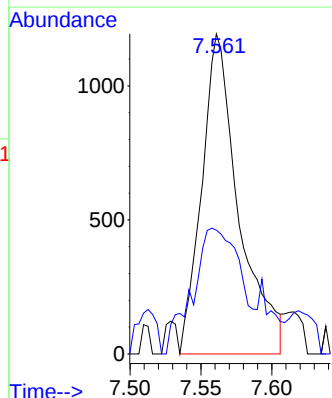
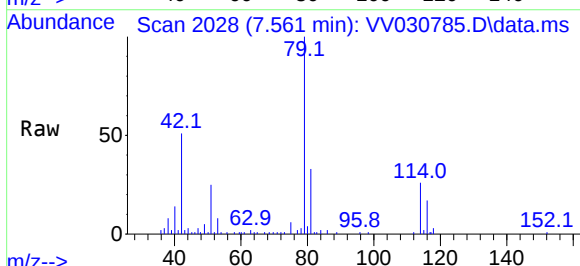
Acq: 24 Apr 2023 12:12

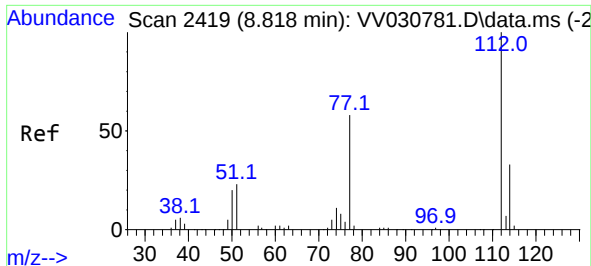
Tgt Ion: 75 Resp: 2169

Ion Ratio Lower Upper

75 100

77 38.7 22.1 41.1

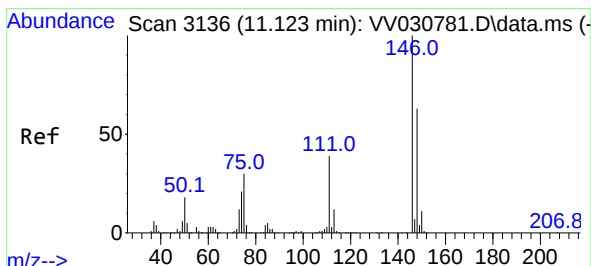
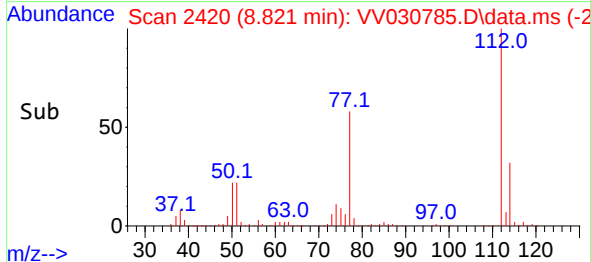
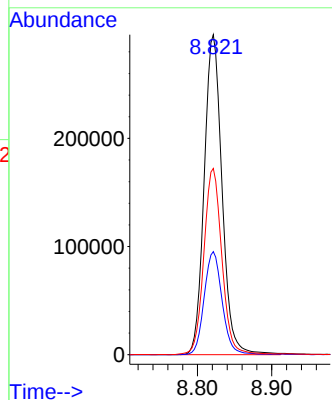
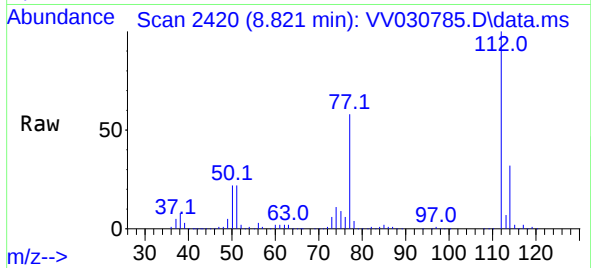




#51
Chlorobenzene
Concen: 97.003 ug/L
RT: 8.821 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

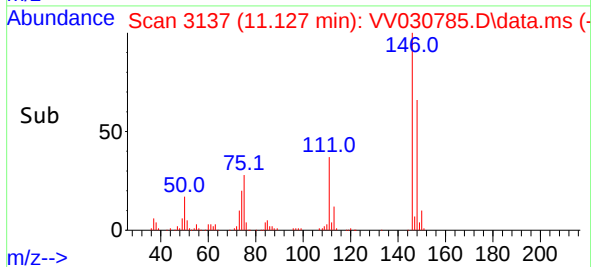
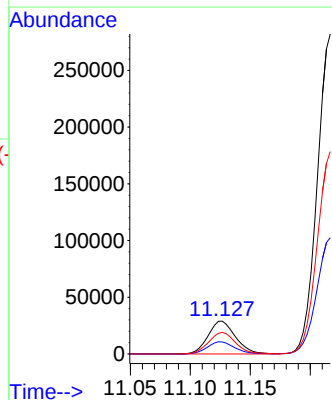
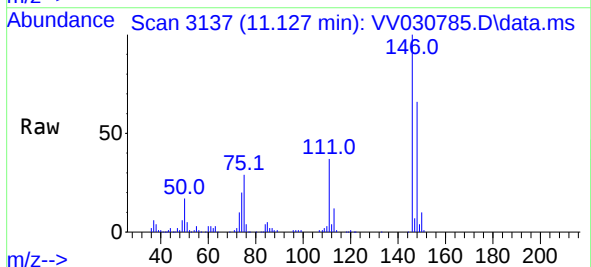
Instrument :
MSVOA_V
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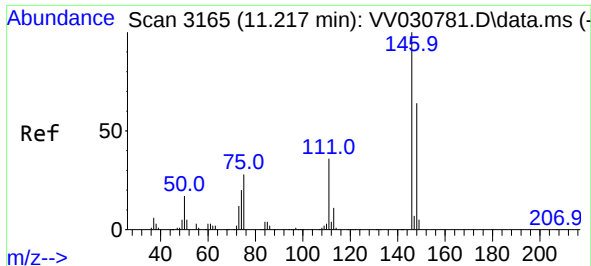
Tgt Ion:112 Resp: 494149
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 58.2 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 11.991 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

Tgt Ion:146 Resp: 46086
Ion Ratio Lower Upper
146 100
111 36.9 27.0 50.2
148 65.8 44.8 83.2

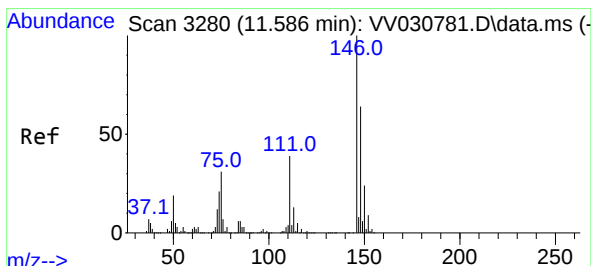
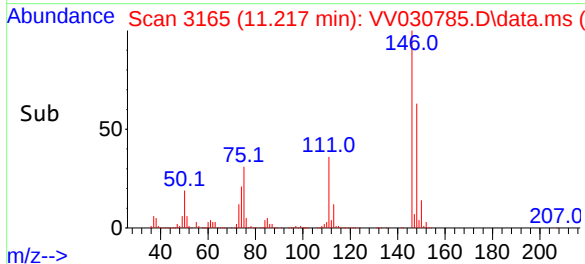
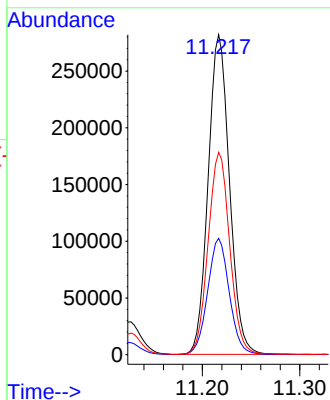
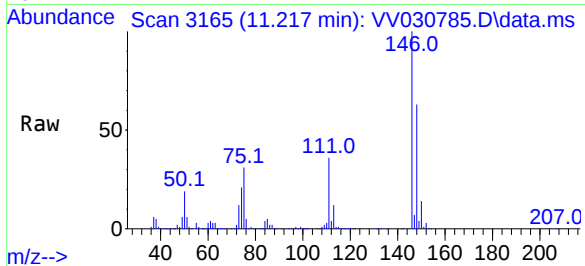




#65
1,4-Dichlorobenzene
Concen: 105.769 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

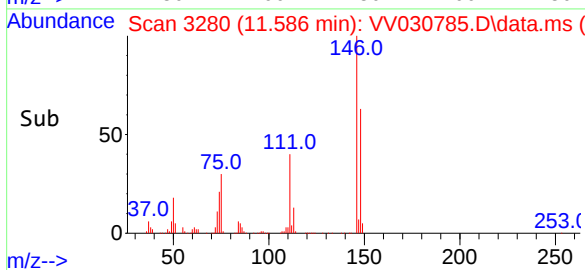
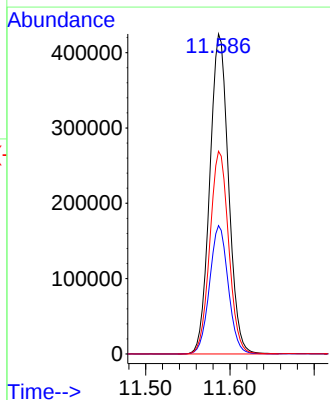
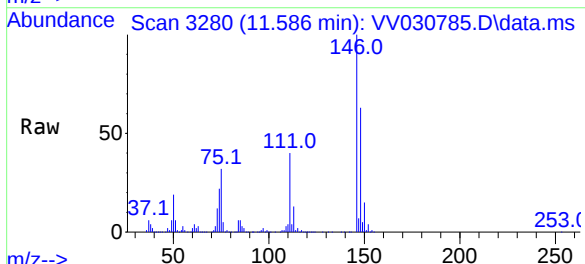
Instrument :
MSVOA_V
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COMN2DL

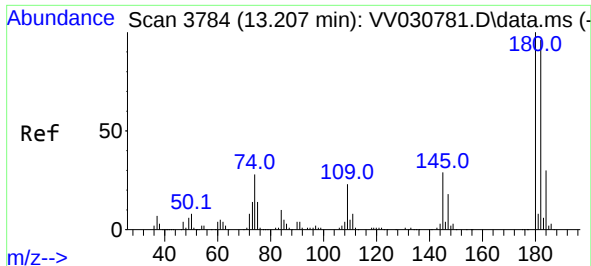
Tgt Ion:146 Resp: 428678
Ion Ratio Lower Upper
146 100
111 36.4 26.5 49.1
148 63.2 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 169.202 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

Tgt Ion:146 Resp: 656074
Ion Ratio Lower Upper
146 100
111 40.1 32.0 48.0
148 63.4 50.6 76.0

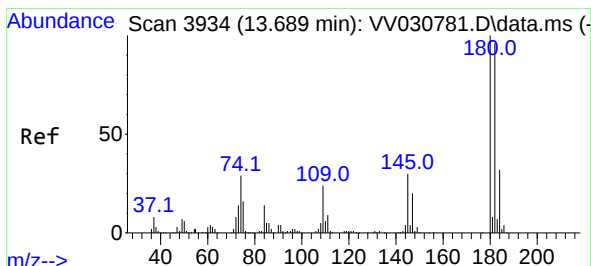
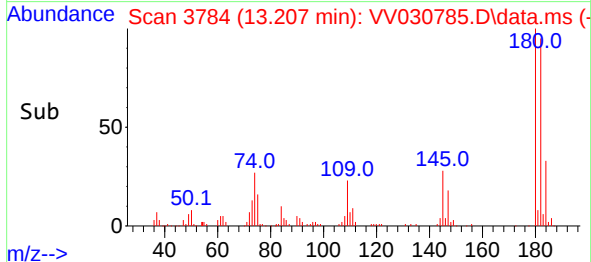
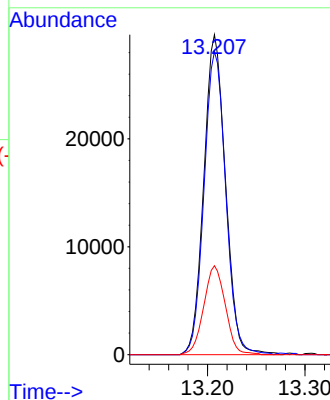
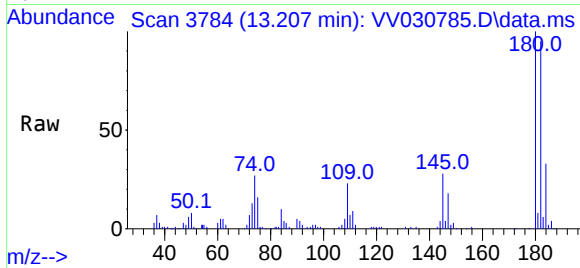




#70
1,2,4-trichlorobenzene
Concen: 18.564 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

Instrument :
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ClientSampleId :
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Tgt Ion:180 Resp: 45764
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 27.7 23.4 35.2



#72
1,2,3-Trichlorobenzene
Concen: 5.546 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

Tgt Ion:180 Resp: 13556
Ion Ratio Lower Upper
180 100
182 98.1 76.2 114.4
145 30.1 25.1 37.7

