

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030786.D
 Acq On : 24 Apr 2023 12:35
 Operator : SY/MD
 Sample : 02398-07DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN7DL

Quant Time: Apr 25 03:21:57 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)

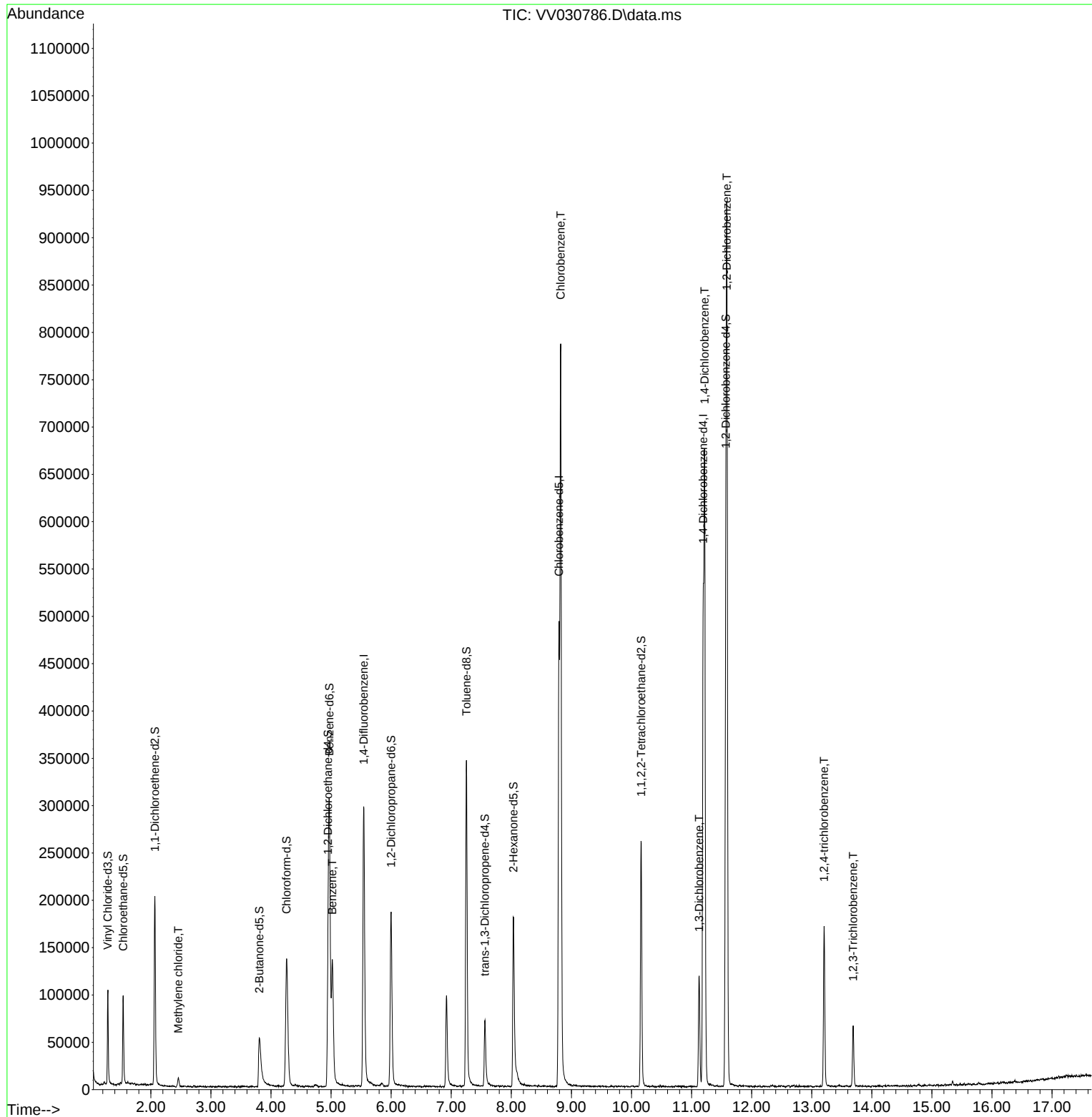
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	247392	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	243533	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	123747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	64117	35.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.700%
7) Chloroethane-d5	1.539	69	59015	38.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.660%
11) 1,1-Dichloroethene-d2	2.066	65	34024	39.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.120%
21) 2-Butanone-d5	3.805	46	95302	95.673	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.670%
24) Chloroform-d	4.259	84	140477	42.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.480%
26) 1,2-Dichloroethane-d4	4.950	65	98428	46.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.160%
32) Benzene-d6	4.969	84	253022	43.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
36) 1,2-Dichloropropane-d6	5.998	67	80275	44.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.760%
41) Toluene-d8	7.252	98	225521	41.717	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.440%
43) trans-1,3-Dichloroprop...	7.561	79	38997	43.260	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.520%
47) 2-Hexanone-d5	8.034	63	61398	87.142	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.140%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	113739	43.826	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.660%
66) 1,2-Dichlorobenzene-d4	11.570	152	100495	51.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.180%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.458	84	3714	1.874	ug/L	100
33) Benzene	5.021	78	132071	17.859	ug/L	100
51) Chlorobenzene	8.821	112	391847	74.694	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	48772	12.623	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	251524	61.733	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	322748	82.799	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	52133	21.037	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	18198	7.405	ug/L	96

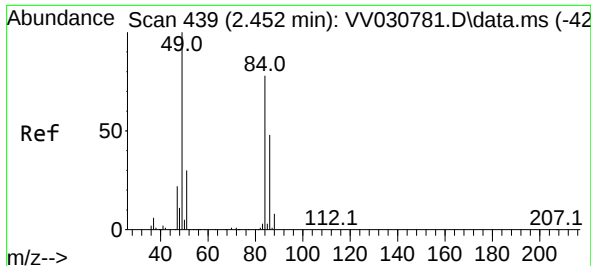
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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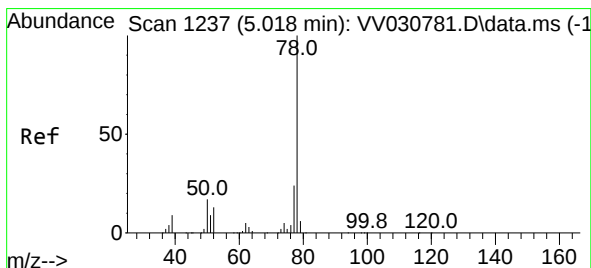
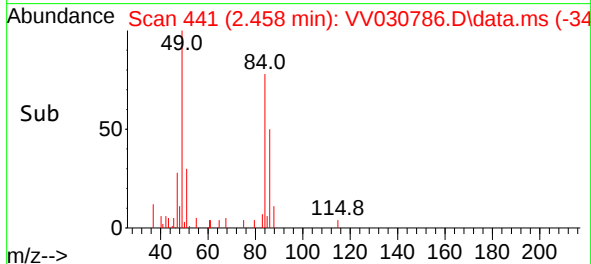
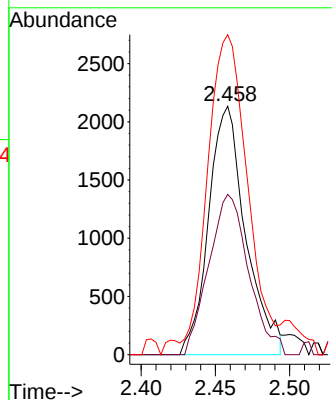
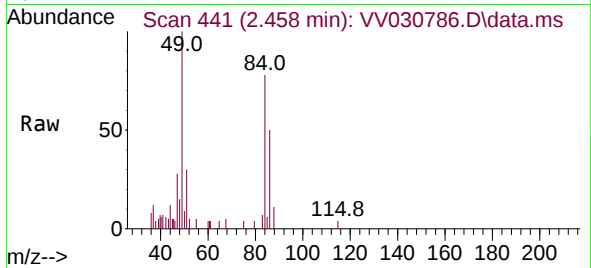




#16
Methylene chloride
Concen: 1.874 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030786.D
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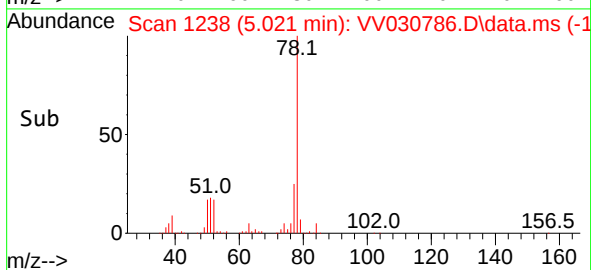
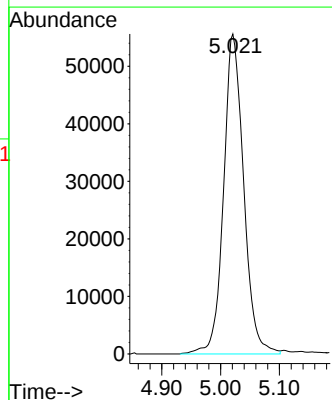
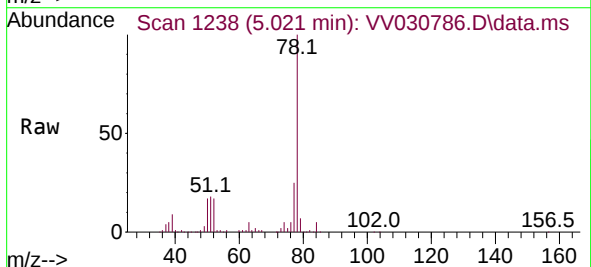
Instrument :
MSVOA_V
ClientSampleId :
COMN7DL

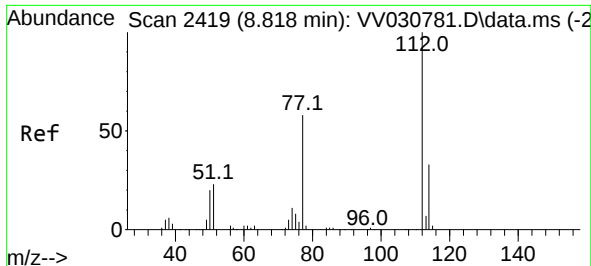
Tgt Ion: 84 Resp: 3714
Ion Ratio Lower Upper
84 100
86 64.5 45.4 84.2
49 128.8 90.4 168.0



#33
Benzene
Concen: 17.859 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030786.D
Acq: 24 Apr 2023 12:35

Tgt Ion: 78 Resp: 132071

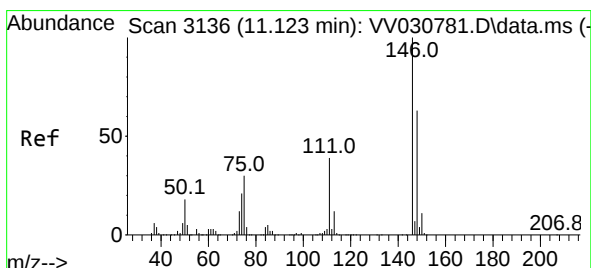
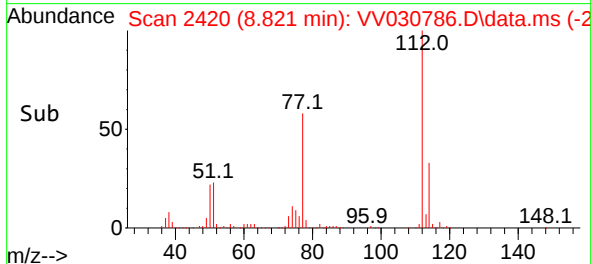
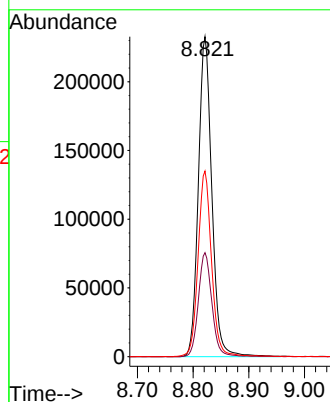
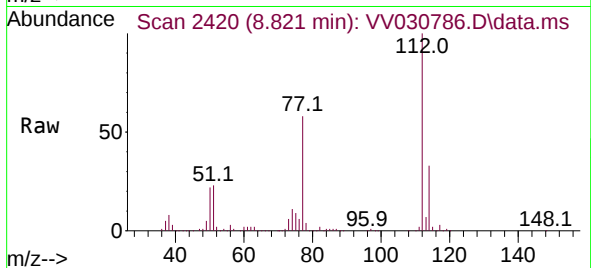




#51
Chlorobenzene
Concen: 74.694 ug/L
RT: 8.821 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV030786.D
Acq: 24 Apr 2023 12:35

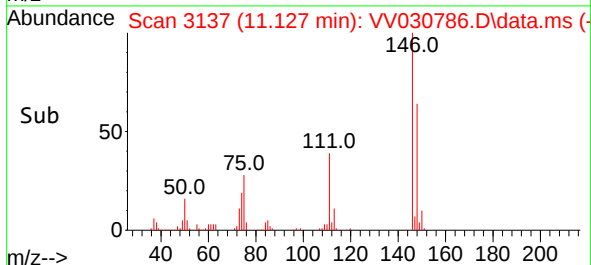
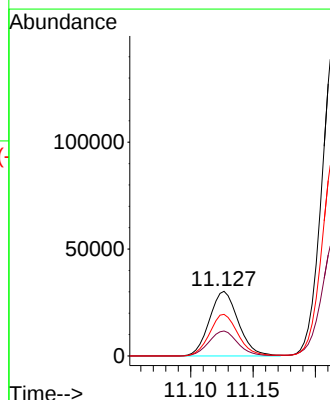
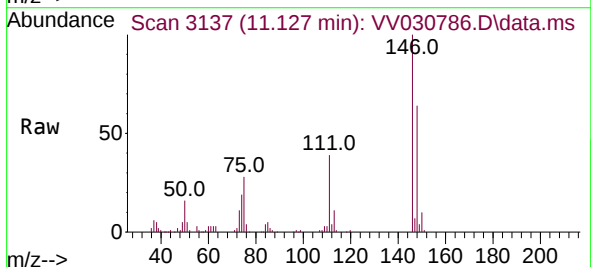
Instrument :
MSVOA_V
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COMN7DL

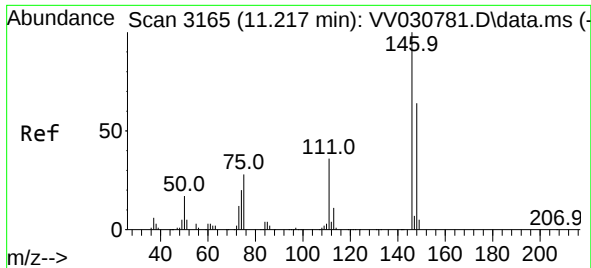
Tgt Ion:112 Resp: 391847
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 58.0 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 12.623 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030786.D
Acq: 24 Apr 2023 12:35

Tgt Ion:146 Resp: 48772
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 64.5 44.8 83.2

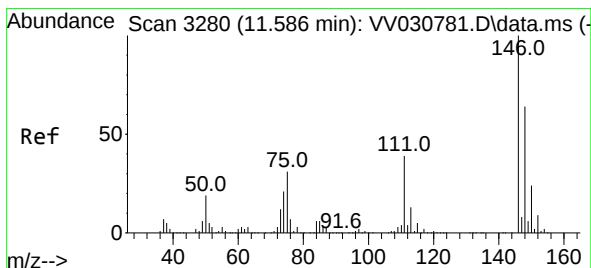
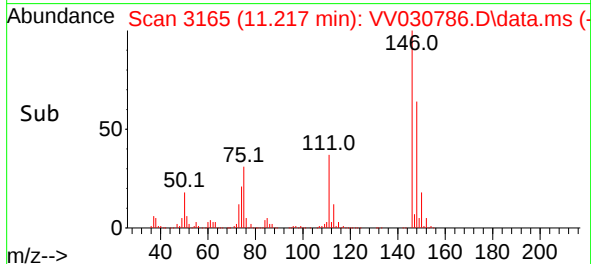
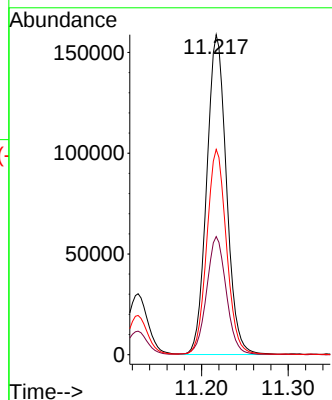
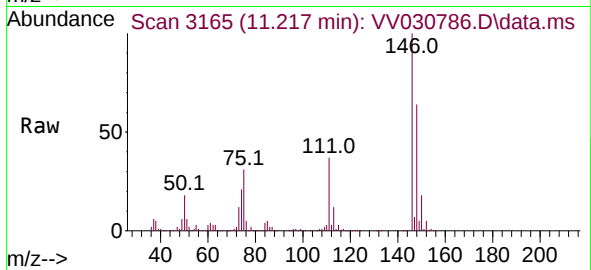




#65
1,4-Dichlorobenzene
Concen: 61.733 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030786.D
Acq: 24 Apr 2023 12:35

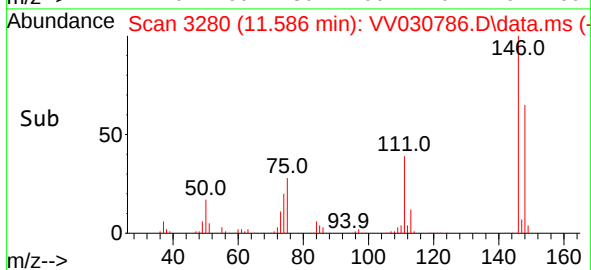
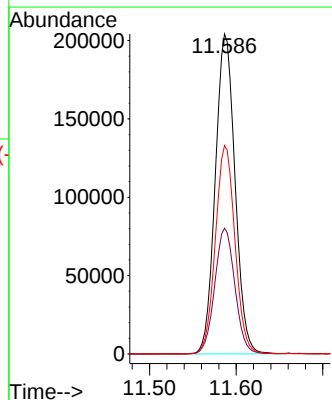
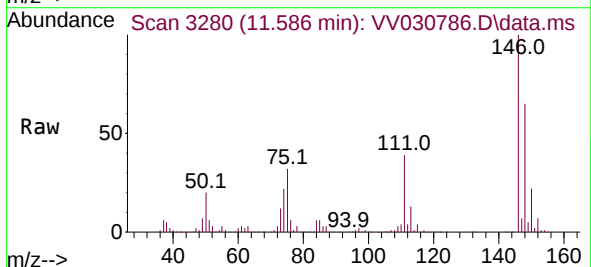
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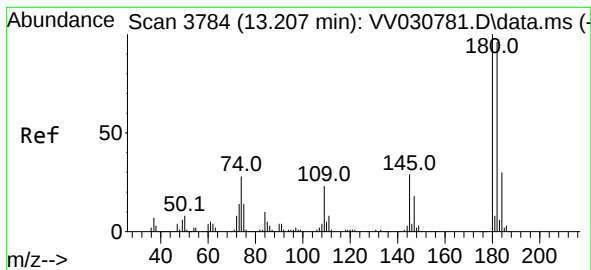
Tgt Ion:146 Resp: 251524
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.1
148 64.1 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 82.799 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030786.D
Acq: 24 Apr 2023 12:35

Tgt Ion:146 Resp: 322748
Ion Ratio Lower Upper
146 100
111 39.3 32.0 48.0
148 65.2 50.6 76.0





#70

1,2,4-trichlorobenzene

Concen: 21.037 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030786.D

Acq: 24 Apr 2023 12:35

Instrument :

MSVOA_V

ClientSampleId :

COMN7DL

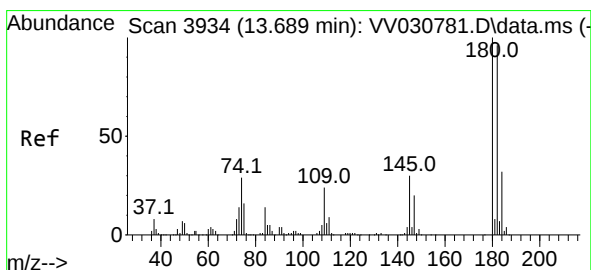
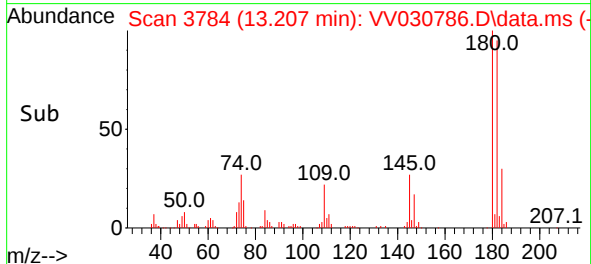
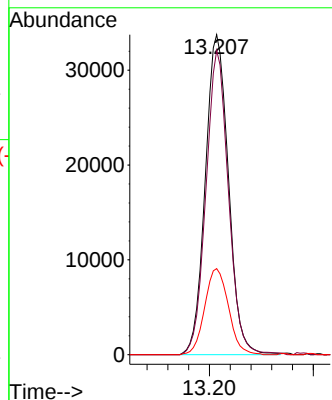
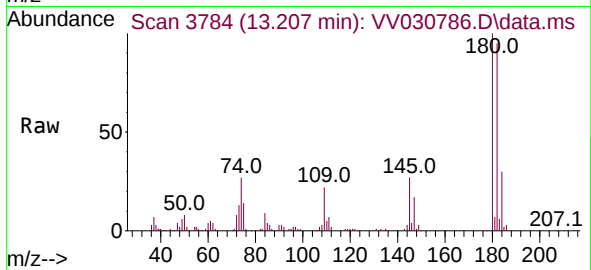
Tgt Ion:180 Resp: 52133

Ion Ratio Lower Upper

180 100

182 92.4 75.9 113.9

145 27.6 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 7.405 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030786.D

Acq: 24 Apr 2023 12:35

Tgt Ion:180 Resp: 18198

Ion Ratio Lower Upper

180 100

182 98.7 76.2 114.4

145 33.4 25.1 37.7

