

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030761.D
 Acq On : 21 Apr 2023 13:43
 Operator : SY/MD
 Sample : 02398-11DL 250X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP2DL

Quant Time: Apr 22 00:45:38 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)

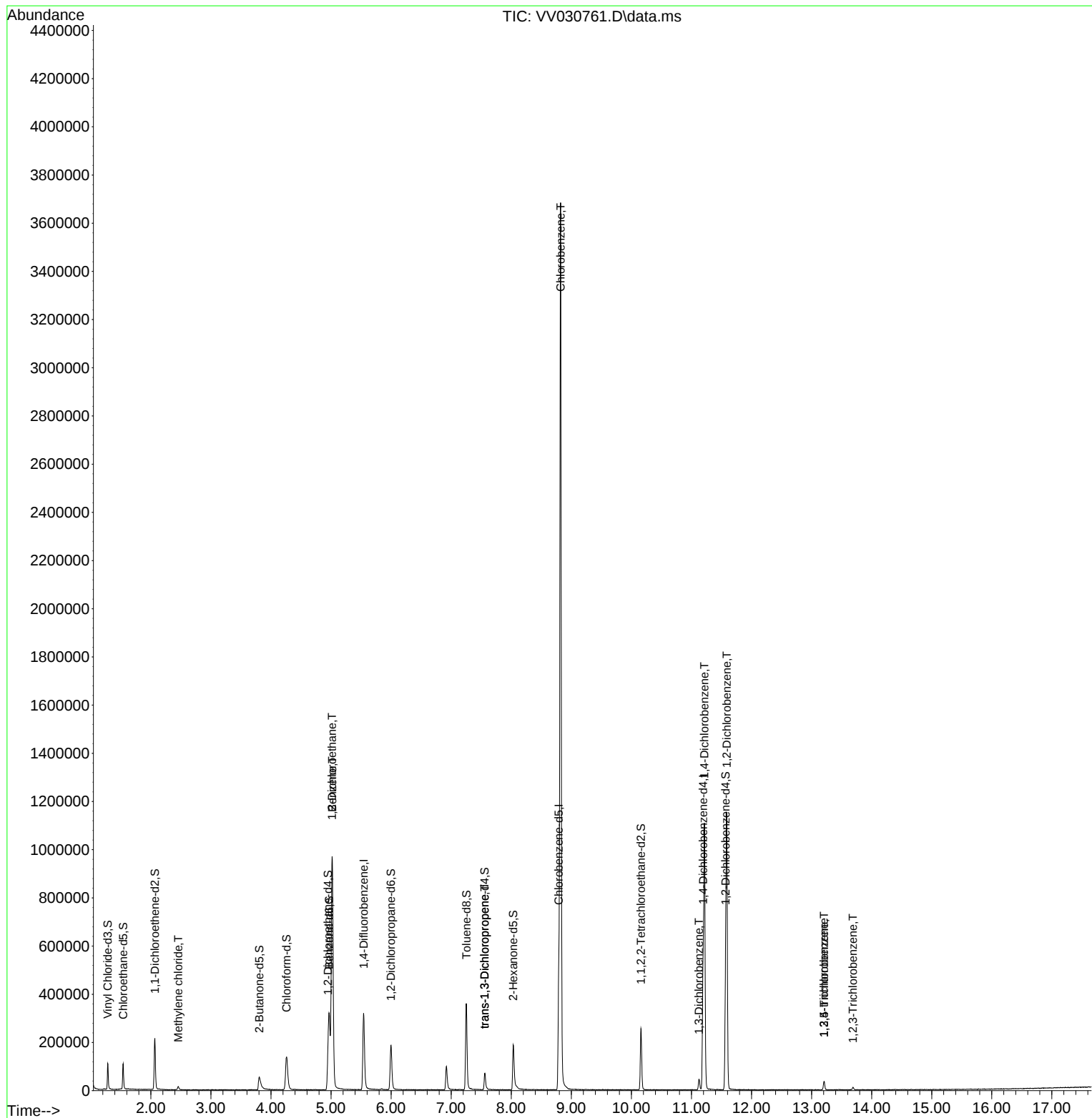
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	263149	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	250895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	128492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70863	36.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.460%
7) Chloroethane-d5	1.539	69	62030	38.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.740%
11) 1,1-Dichloroethene-d2	2.066	65	34900	38.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.300%
21) 2-Butanone-d5	3.806	46	96331	90.915	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.920%
24) Chloroform-d	4.259	84	141465	40.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.940%
26) 1,2-Dichloroethane-d4	4.950	65	100521	44.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.440%
32) Benzene-d6	4.970	84	259792	43.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.998	67	79291	43.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.060%
41) Toluene-d8	7.252	98	232616	41.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.540%
43) trans-1,3-Dichloroprop...	7.558	79	39362	42.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.760%
47) 2-Hexanone-d5	8.034	63	65111	89.701	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.700%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	112857	42.210	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.420%
66) 1,2-Dichlorobenzene-d4	11.567	152	100959	49.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.458	84	5465	2.592	ug/L	96
27) 1,2-Dichloroethane	5.015	62	9813	2.953	ug/L #	84
33) Benzene	5.018	78	925600	121.488	ug/L	100
44) trans-1,3-Dichloropropene	7.558	75	2279	0.754	ug/L	86
51) Chlorobenzene	8.821	112	1768989	327.310	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	18151	4.524	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	405372	95.818	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	405125	100.094	ug/L	99
69) 1,3,5-Trichlorobenzene	13.210	180	10833	3.574	ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	10833	4.210	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	3052	1.196	ug/L #	91

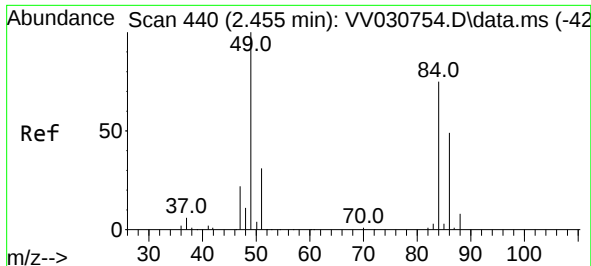
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration

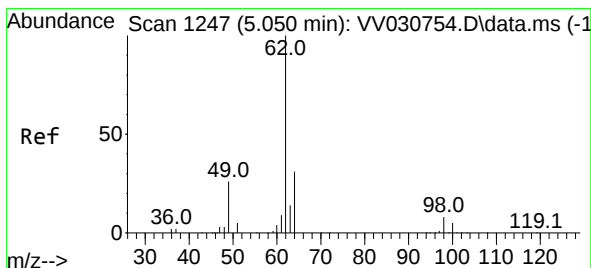
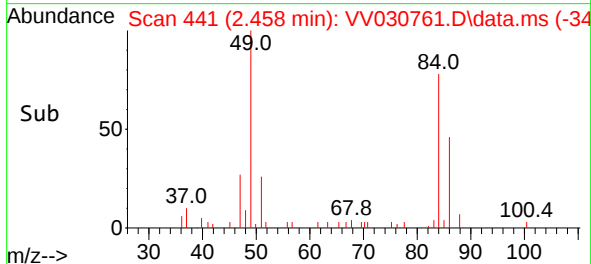
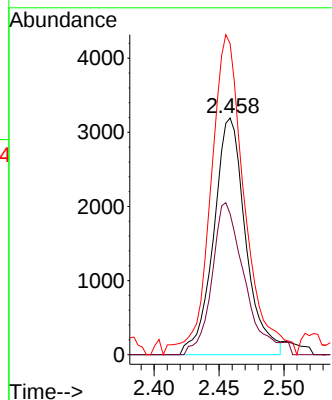
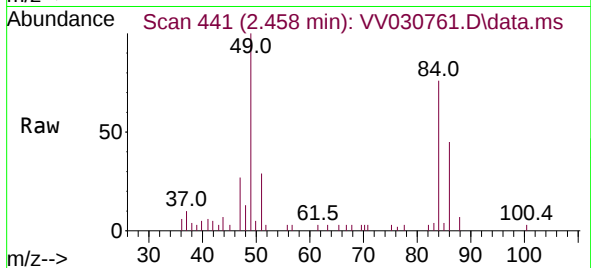




#16
Methylene chloride
Concen: 2.592 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030761.D
Acq: 21 Apr 2023 13:43

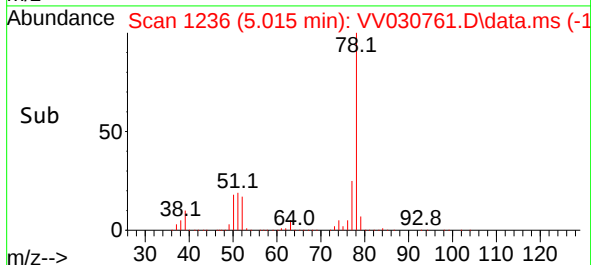
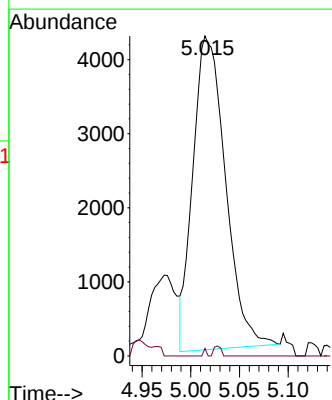
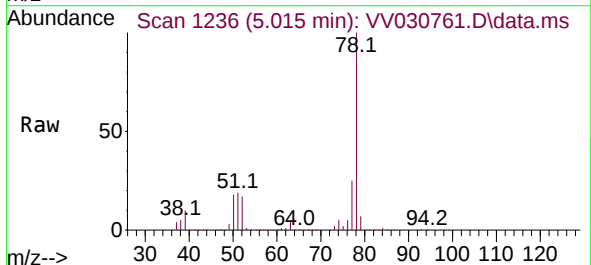
Instrument :
MSVOA_V
ClientSampleId :
COMP2DL

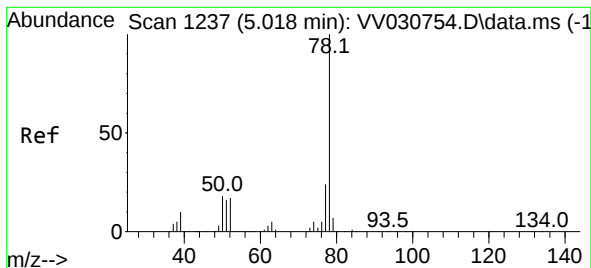
Tgt Ion: 84 Resp: 5465
Ion Ratio Lower Upper
84 100
86 59.5 45.4 84.2
49 131.4 90.4 168.0



#27
1,2-Dichloroethane
Concen: 2.953 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. -0.035 min
Lab File: VV030761.D
Acq: 21 Apr 2023 13:43

Tgt Ion: 62 Resp: 9813
Ion Ratio Lower Upper
62 100
98 2.3 6.4 9.6#





#33

Benzene

Concen: 121.488 ug/L

RT: 5.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030761.D

Acq: 21 Apr 2023 13:43

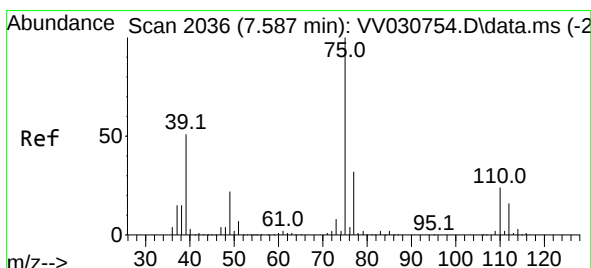
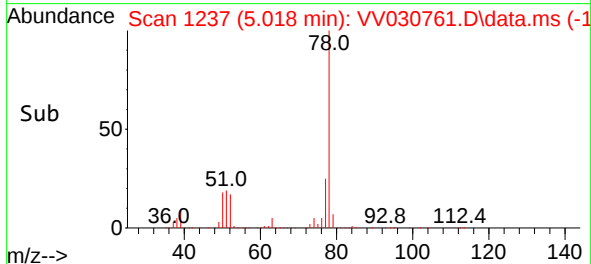
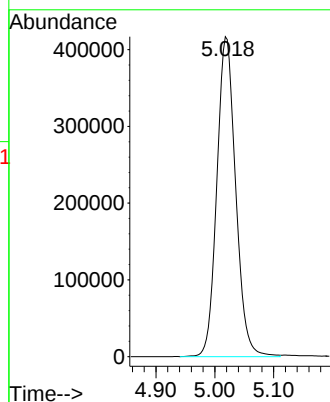
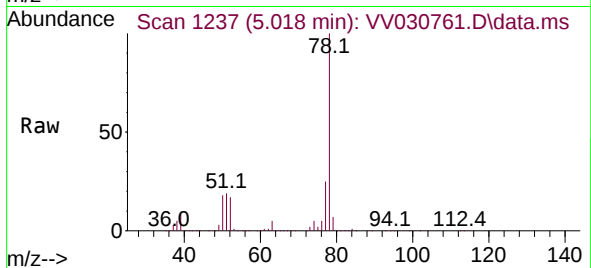
Instrument :

MSVOA_V

ClientSampleId :

COMP2DL

Tgt Ion: 78 Resp: 925600



#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV030761.D

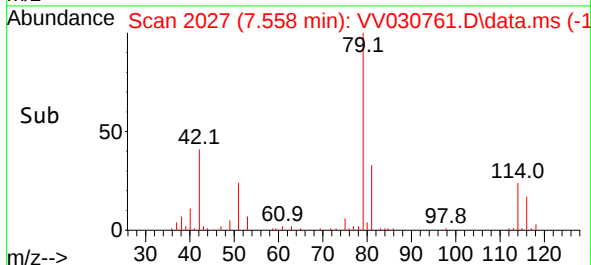
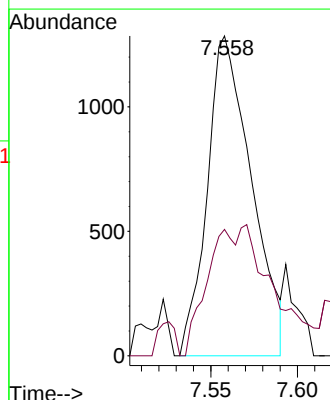
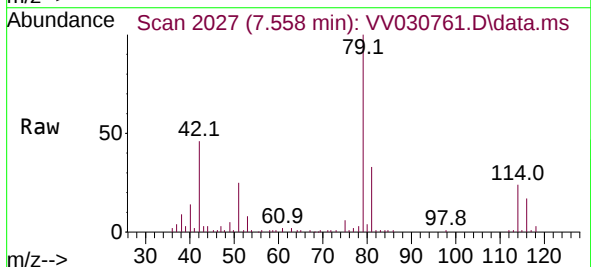
Acq: 21 Apr 2023 13:43

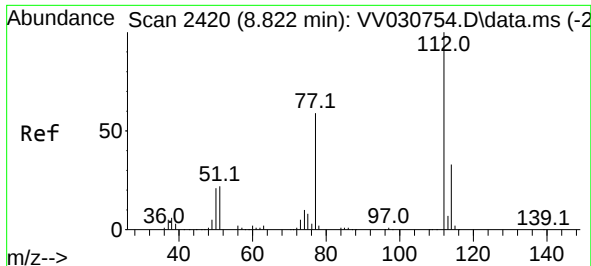
Tgt Ion: 75 Resp: 2279

Ion Ratio Lower Upper

75 100

77 39.5 22.1 41.1

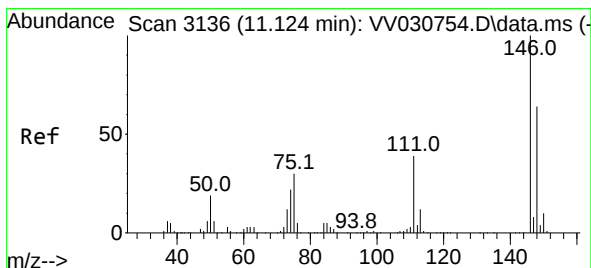
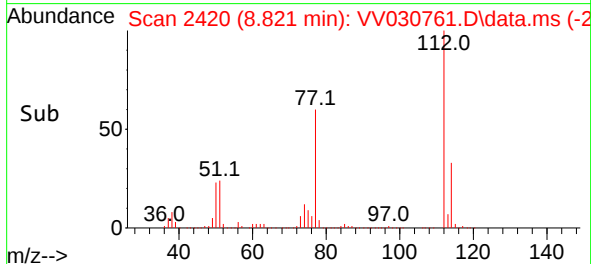
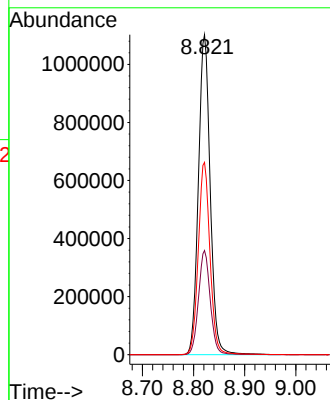
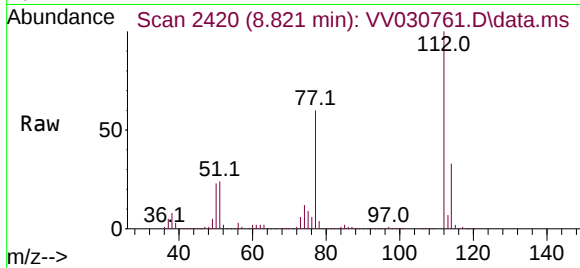




#51
Chlorobenzene
Concen: 327.310 ug/L
RT: 8.821 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV030761.D
Acq: 21 Apr 2023 13:43

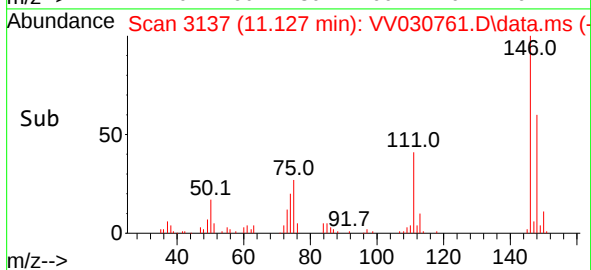
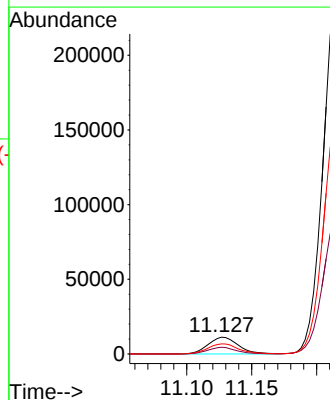
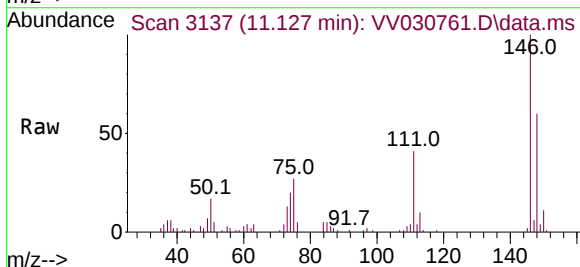
Instrument :
MSVOA_V
ClientSampleId :
COMP2DL

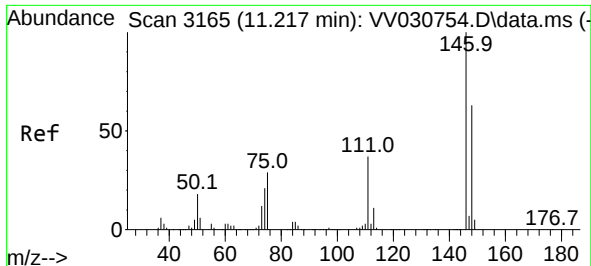
Tgt Ion:112 Resp: 1768989
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 60.1 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 4.524 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030761.D
Acq: 21 Apr 2023 13:43

Tgt Ion:146 Resp: 18151
Ion Ratio Lower Upper
146 100
111 40.6 27.0 50.2
148 59.8 44.8 83.2

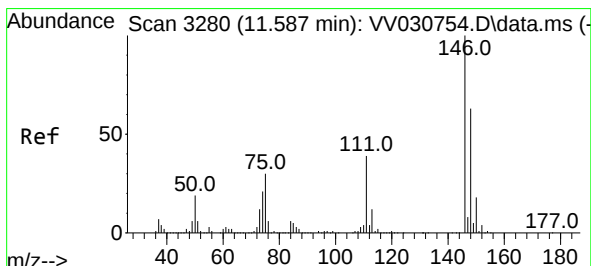
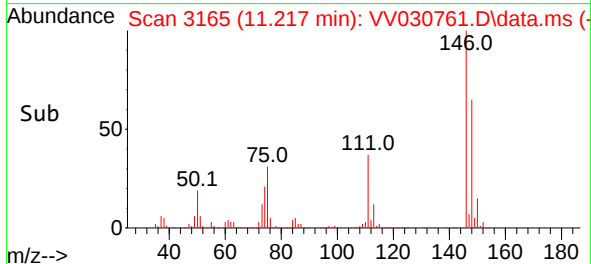
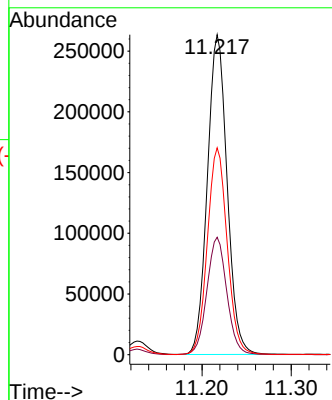
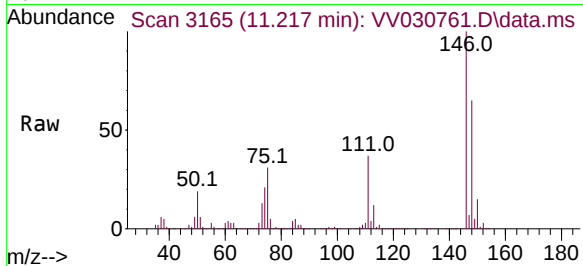




#65
1,4-Dichlorobenzene
Concen: 95.818 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030761.D
Acq: 21 Apr 2023 13:43

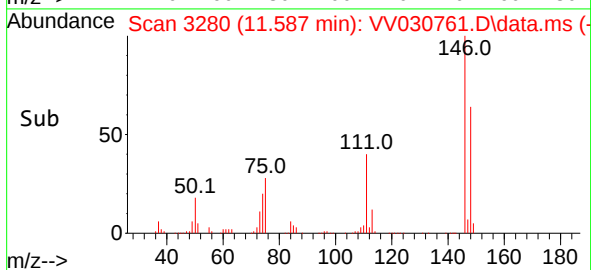
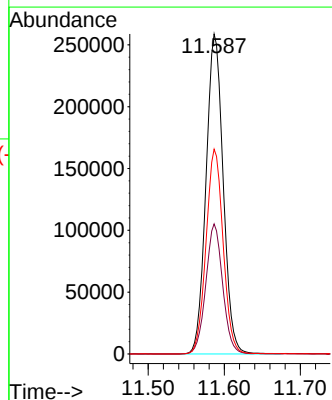
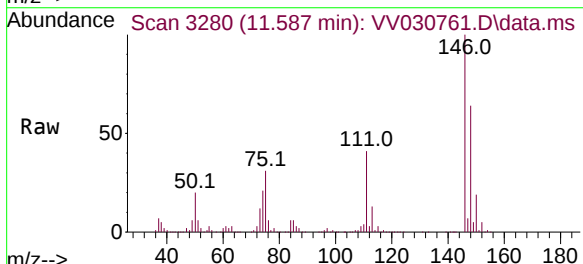
Instrument :
MSVOA_V
ClientSampleId :
COMP2DL

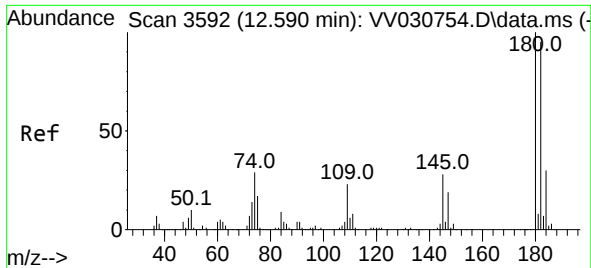
Tgt Ion:146 Resp: 405372
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.1
148 64.6 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 100.094 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030761.D
Acq: 21 Apr 2023 13:43

Tgt Ion:146 Resp: 405125
Ion Ratio Lower Upper
146 100
111 40.7 32.0 48.0
148 64.0 50.6 76.0





#69

1,3,5-Trichlorobenzene

Concen: 3.574 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.620 min

Lab File: VV030761.D

Acq: 21 Apr 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

COMP2DL

Tgt Ion:180 Resp: 10833

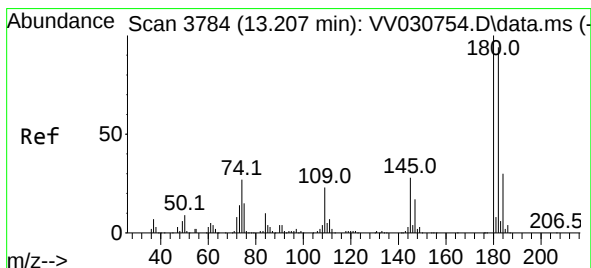
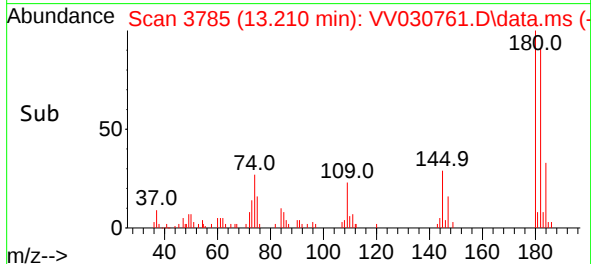
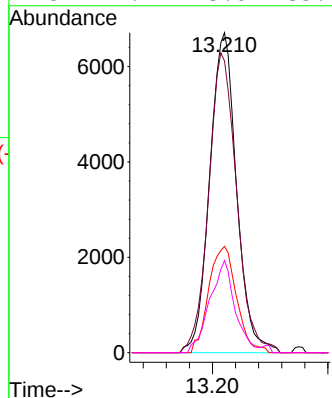
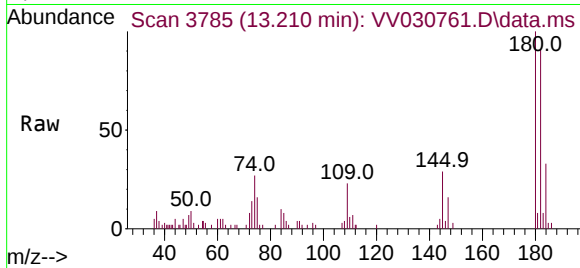
Ion Ratio Lower Upper

180 100

182 97.3 76.4 114.6

184 34.4 24.1 36.1

145 27.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.210 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030761.D

Acq: 21 Apr 2023 13:43

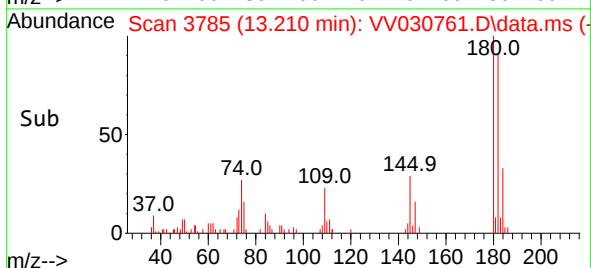
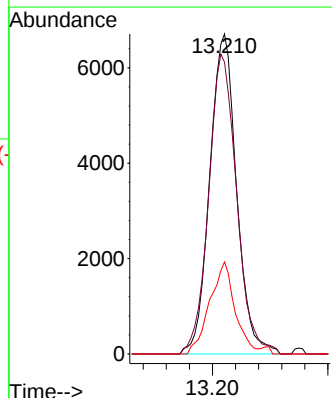
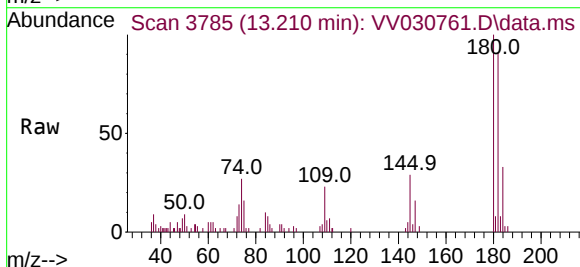
Tgt Ion:180 Resp: 10833

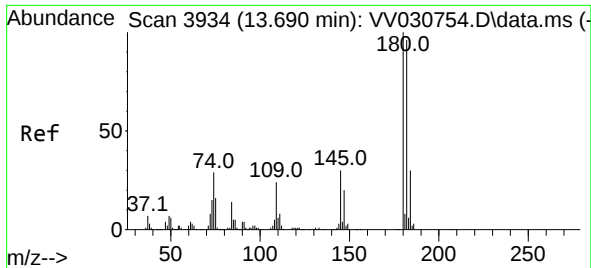
Ion Ratio Lower Upper

180 100

182 97.3 75.9 113.9

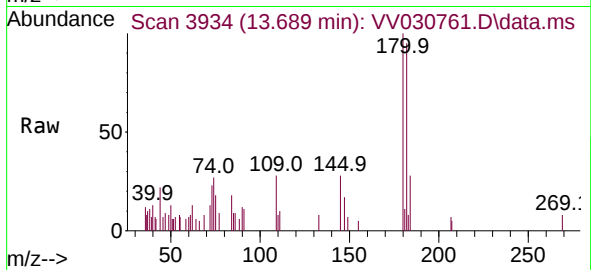
145 27.1 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.196 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030761.D
 Acq: 21 Apr 2023 13:43

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP2DL



Tgt Ion:	180	Resp:	3052
Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.2	114.4
145	20.7	25.1	37.7#

