

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034767.D
 Acq On : 20 Mar 2024 16:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 02:21:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

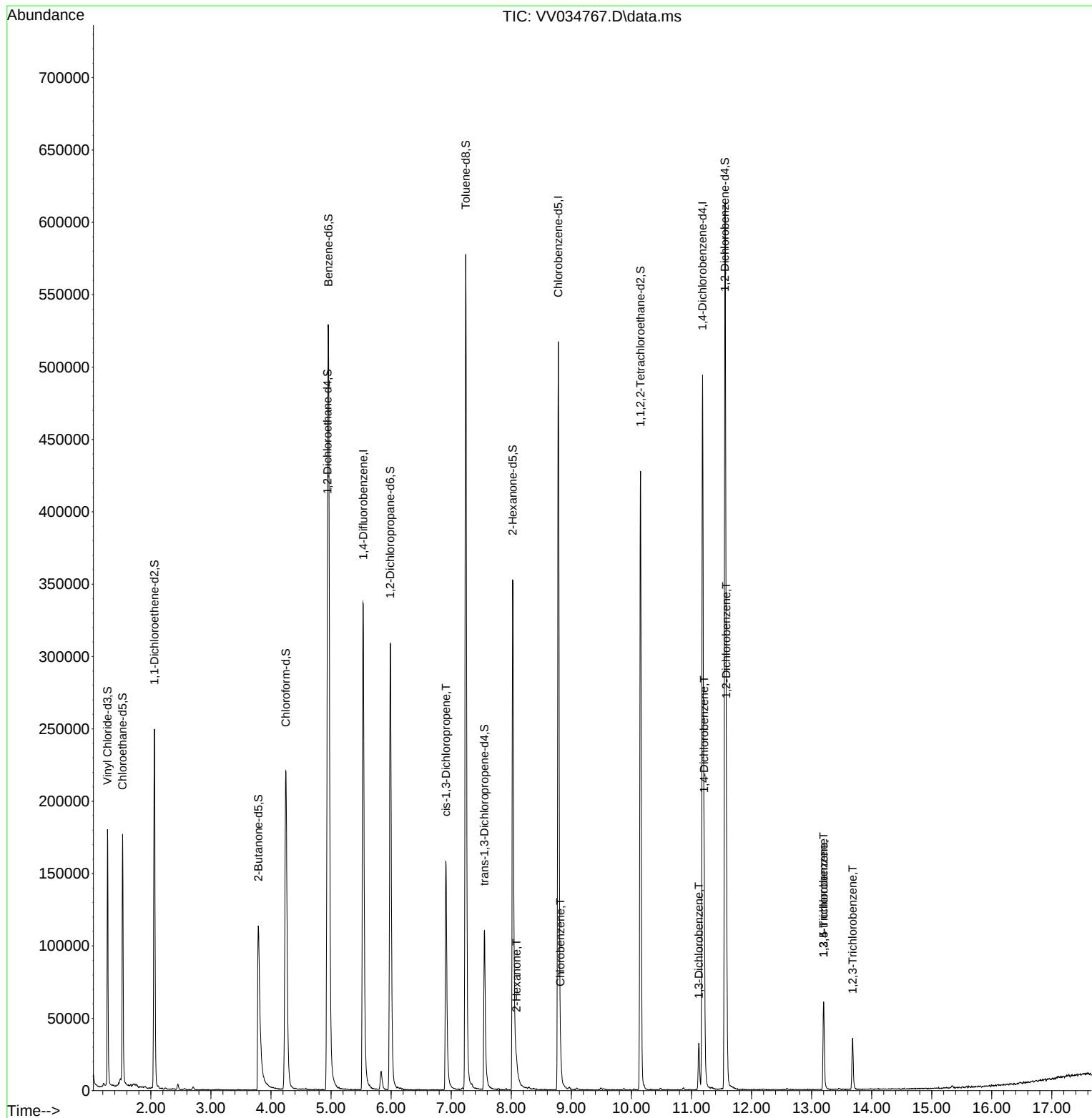
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	295060	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	280348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	123924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112783	44.093	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.180%	
7) Chloroethane-d5	1.529	69	104399	52.389	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.780%	
11) 1,1-Dichloroethene-d2	2.059	65	41799	36.134	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.260%	
21) 2-Butanone-d5	3.789	46	196971	115.151	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	115.150%	
24) Chloroform-d	4.246	84	238553	52.747	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.500%	
26) 1,2-Dichloroethane-d4	4.940	65	169148	57.234	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	114.460%	
32) Benzene-d6	4.956	84	457900	54.119	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.240%	
36) 1,2-Dichloropropane-d6	5.985	67	147989	57.313	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	114.620%	
41) Toluene-d8	7.243	98	384843	50.262	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.520%	
43) trans-1,3-Dichloroprop...	7.554	79	66829	51.539	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	103.080%	
47) 2-Hexanone-d5	8.024	63	121970	94.594	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.590%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	199256	58.639	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	117.280%	
66) 1,2-Dichlorobenzene-d4	11.557	152	147028	58.044	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	116.080%	
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.911	75	4727	1.281	ug/L #	58
48) 2-Hexanone	8.088	43	12676	4.735	ug/L #	89
51) Chlorobenzene	8.818	112	11238	1.888	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	14152	3.492	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	60455	14.691	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	62985	15.511	ug/L	99
69) 1,3,5-Trichlorobenzene	13.201	180	18803	6.185	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	18803	6.874	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	11524	4.318	ug/L	97

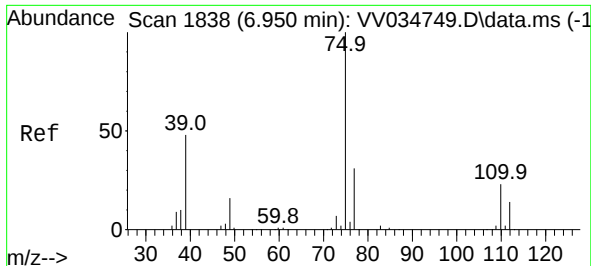
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
Data File : VV034767.D
Acq On : 20 Mar 2024 16:56
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 21 02:21:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 02:16:15 2024
Response via : Initial Calibration

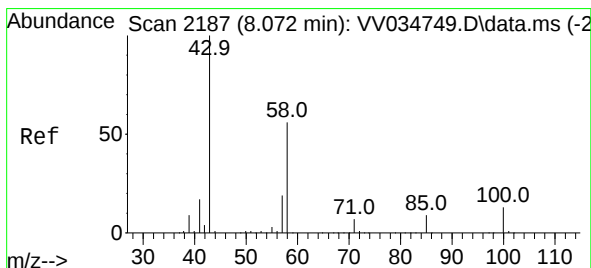
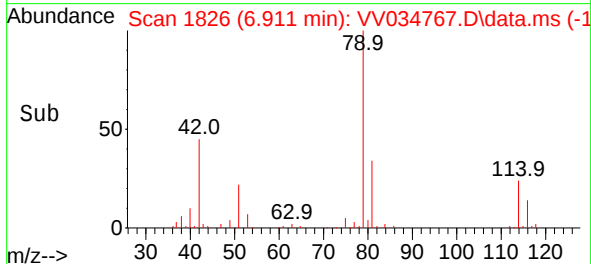
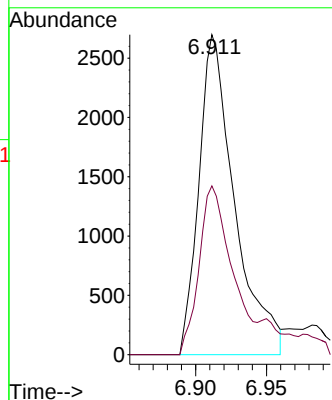
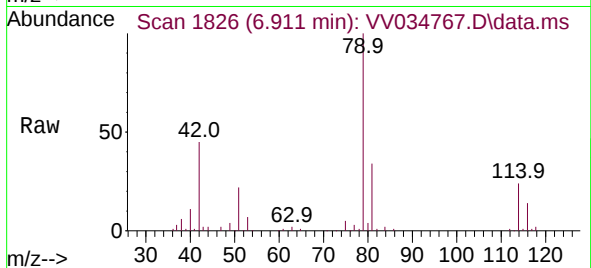




#39
cis-1,3-Dichloropropene
Concen: 1.281 ug/L
RT: 6.911 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV034767.D
Acq: 20 Mar 2024 16:56

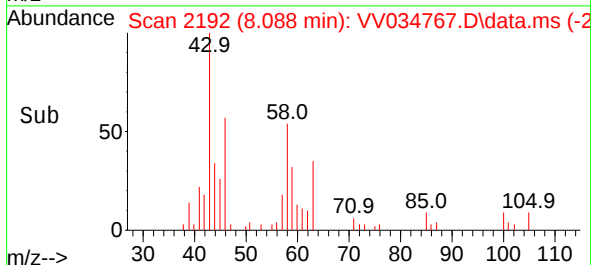
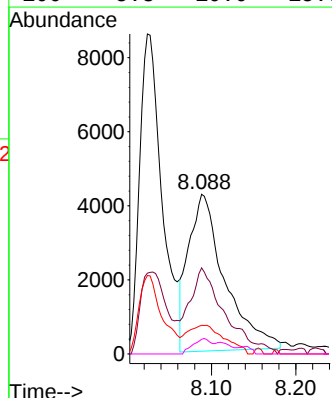
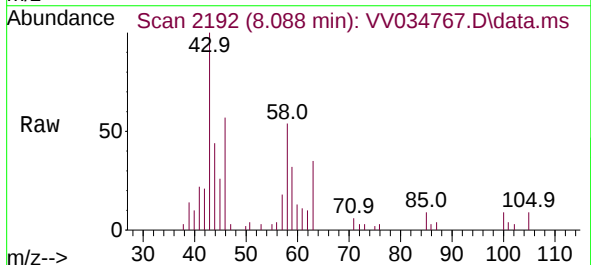
Instrument :
MSVOA_V
ClientSampleId :

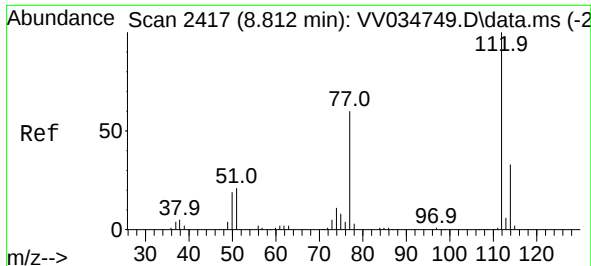
Tgt Ion: 75 Resp: 4727
Ion Ratio Lower Upper
75 100
77 52.7 20.9 38.9#



#48
2-Hexanone
Concen: 4.735 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.016 min
Lab File: VV034767.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 43 Resp: 12676
Ion Ratio Lower Upper
43 100
58 43.3 42.0 63.0
57 18.9 15.2 22.8
100 5.3 10.0 15.0#





#51

Chlorobenzene

Concen: 1.888 ug/L

RT: 8.818 min Scan# 2417

Delta R.T. 0.006 min

Lab File: VV034767.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

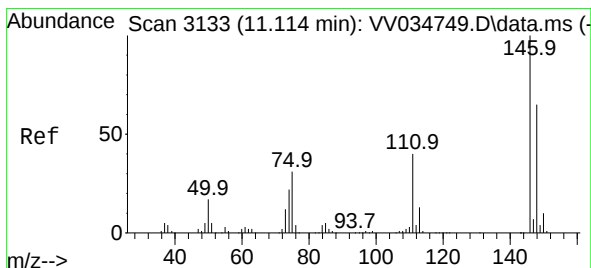
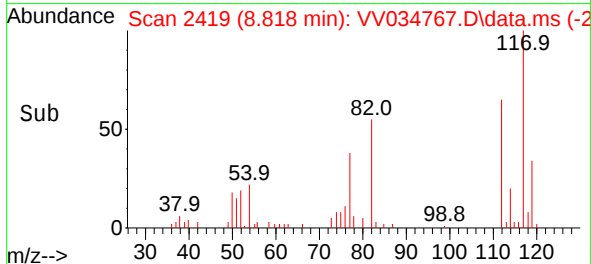
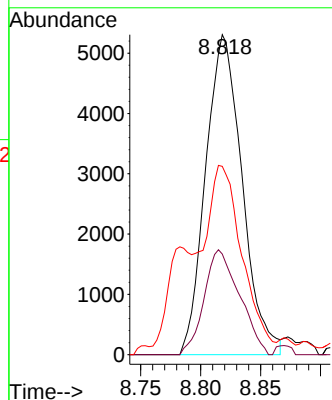
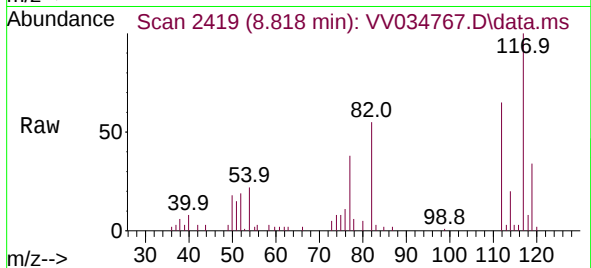
Tgt Ion:112 Resp: 11238

Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 58.8 47.7 71.5



#64

1,3-Dichlorobenzene

Concen: 3.492 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.010 min

Lab File: VV034767.D

Acq: 20 Mar 2024 16:56

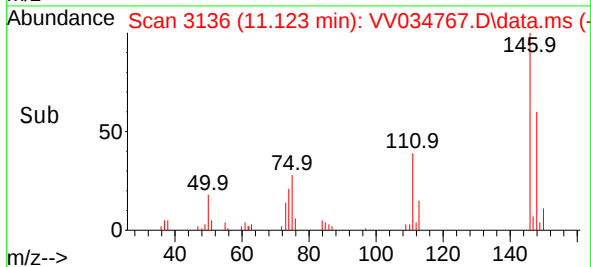
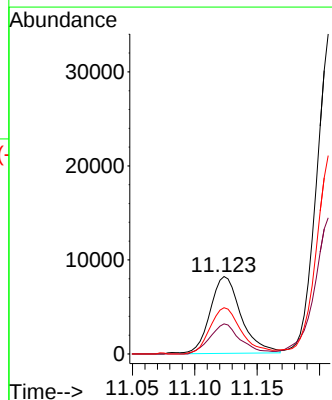
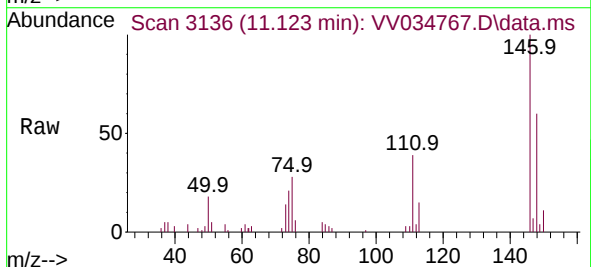
Tgt Ion:146 Resp: 14152

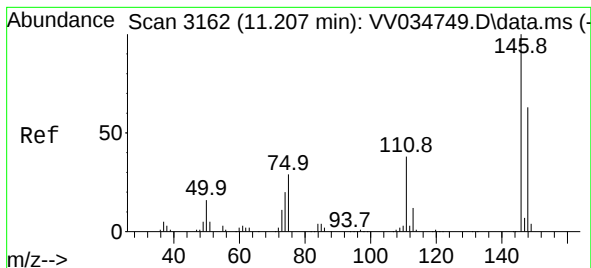
Ion Ratio Lower Upper

146 100

111 38.9 27.9 51.7

148 59.8 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 14.691 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034767.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

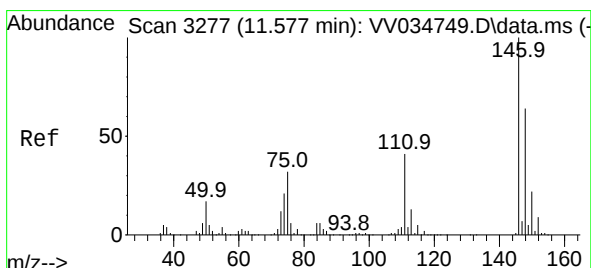
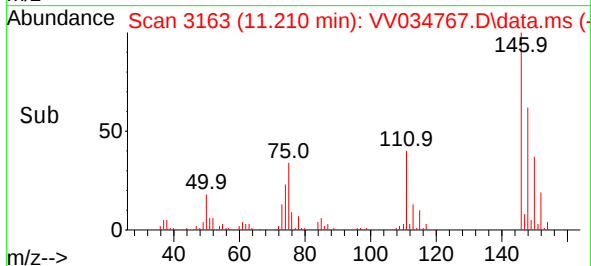
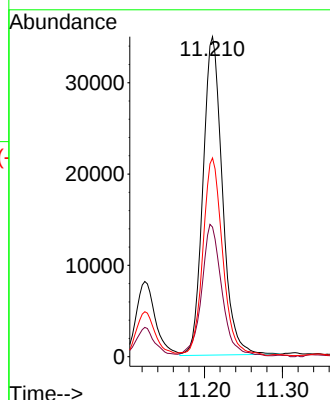
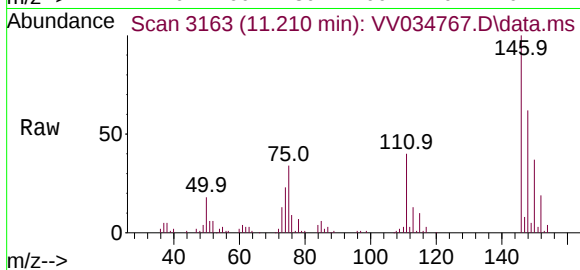
Tgt Ion:146 Resp: 60455

Ion Ratio Lower Upper

146 100

111 40.5 26.5 49.1

148 62.1 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 15.511 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV034767.D

Acq: 20 Mar 2024 16:56

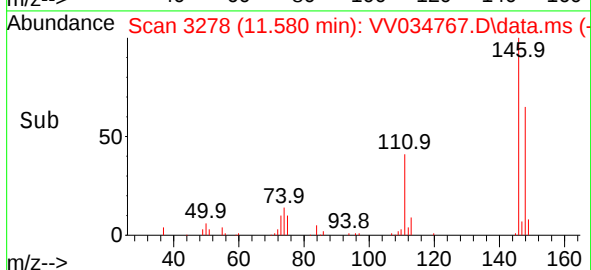
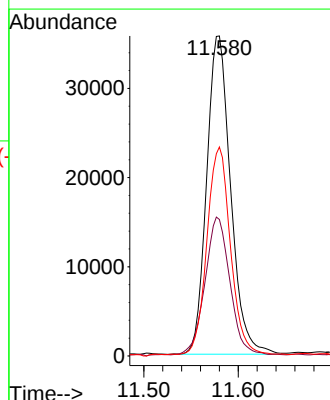
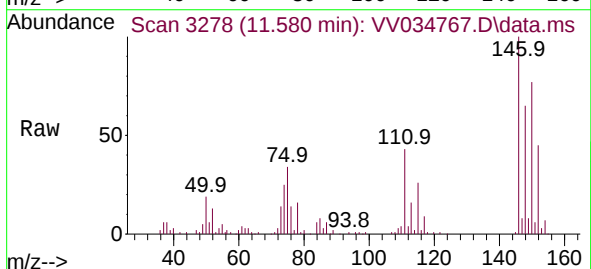
Tgt Ion:146 Resp: 62985

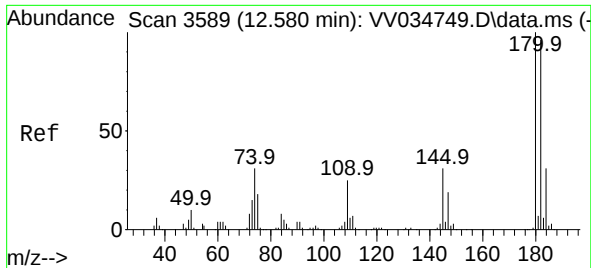
Ion Ratio Lower Upper

146 100

111 42.6 33.8 50.8

148 65.3 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 6.185 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.621 min

Lab File: VV034767.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 18803

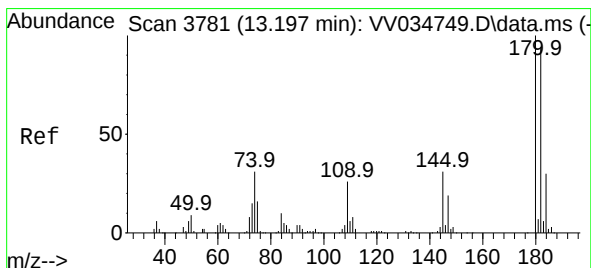
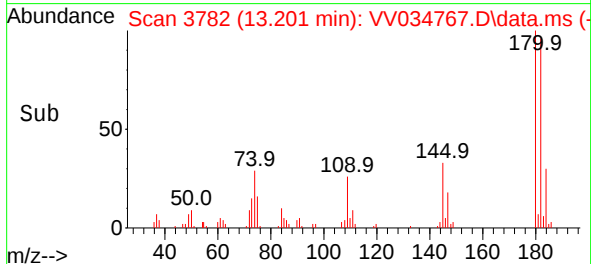
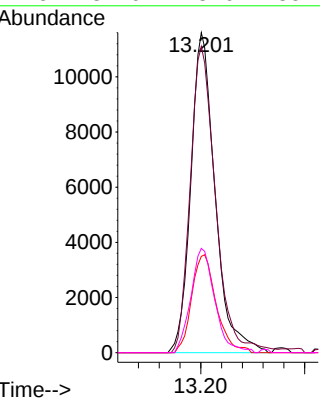
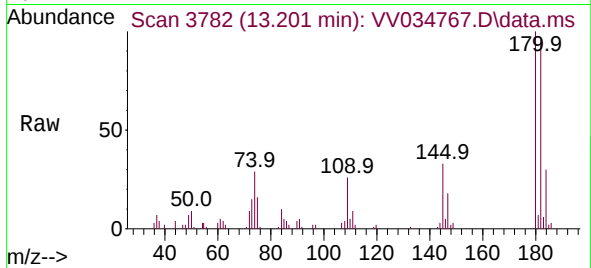
Ion Ratio Lower Upper

180 100

182 97.4 74.6 112.0

184 30.5 23.6 35.4

145 31.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 6.874 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034767.D

Acq: 20 Mar 2024 16:56

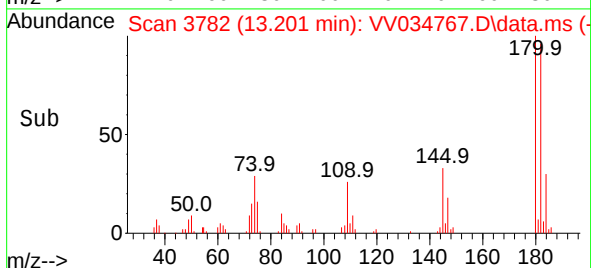
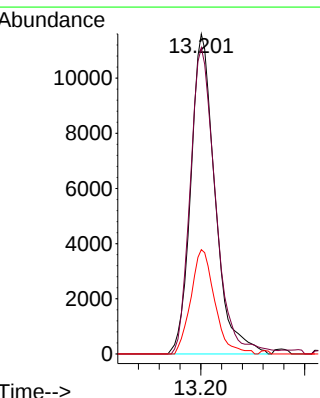
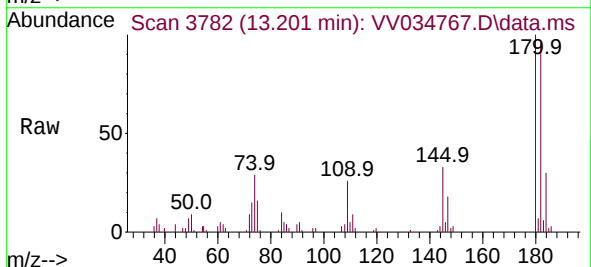
Tgt Ion:180 Resp: 18803

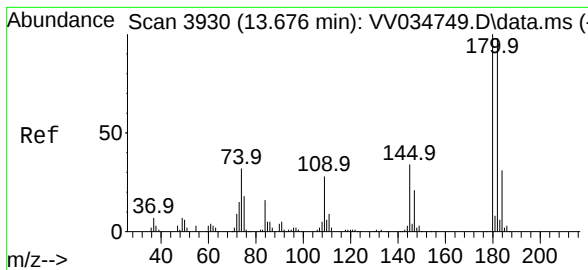
Ion Ratio Lower Upper

180 100

182 97.4 74.8 112.2

145 31.9 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 4.318 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

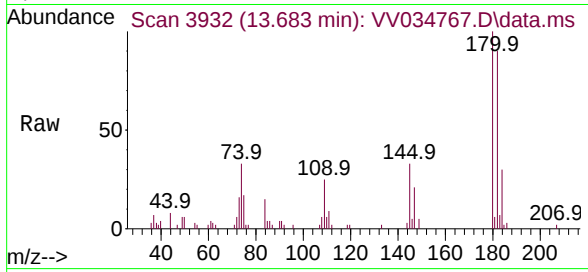
Lab File: VV034767.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 11524

Ion Ratio Lower Upper

180 100

182 91.1 75.9 113.9

145 31.5 25.5 38.3

