

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
 Data File : VV036368.D
 Acq On : 01 Jul 2024 12:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 02:36:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

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

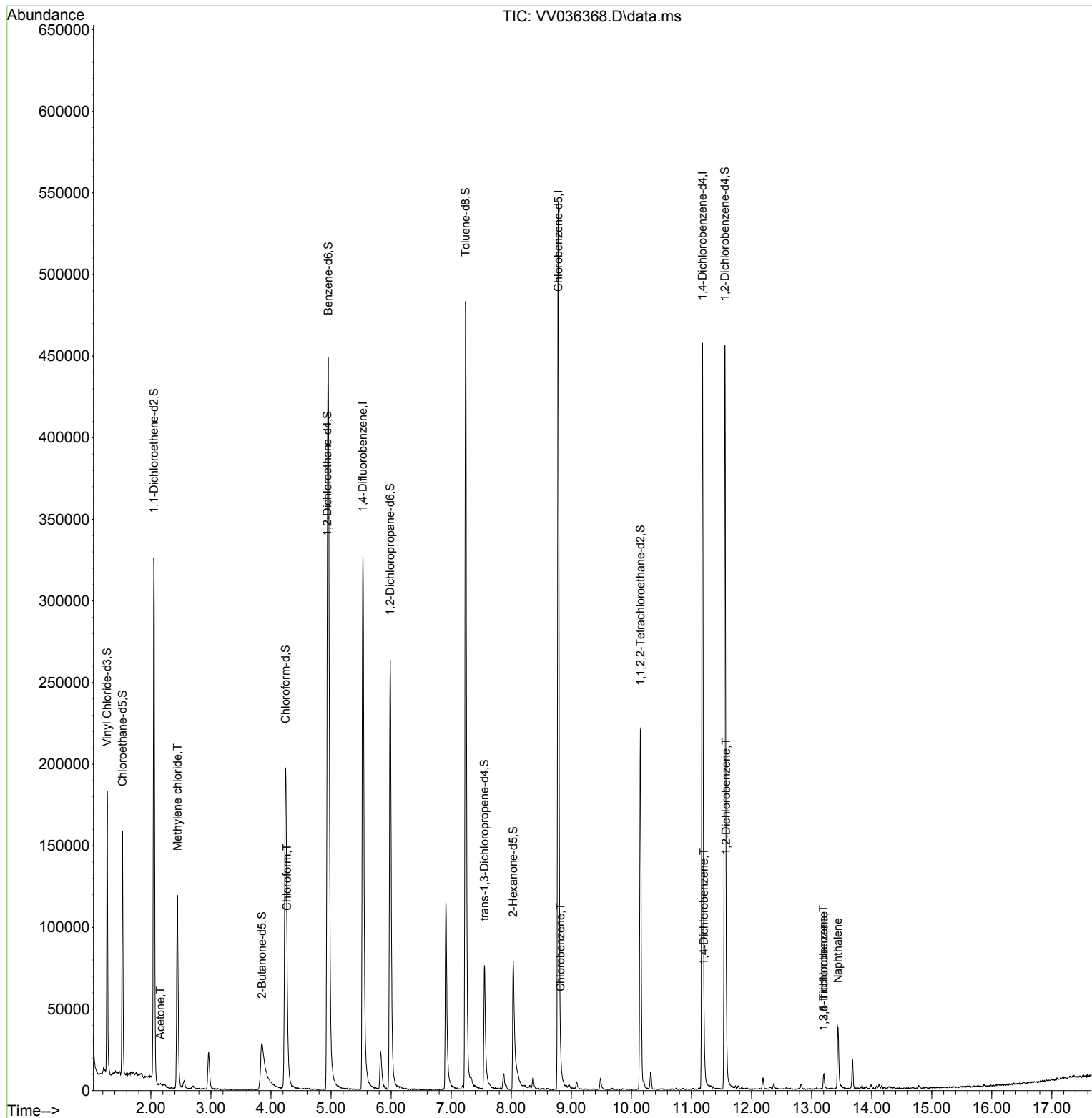
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	300331	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	315062	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	127496	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	115540	22.652	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.600%		
7) Chloroethane-d5	1.526	69	101407	24.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.560%		
11) 1,1-Dichloroethene-d2	2.050	65	54871	22.884	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.520%		
21) 2-Butanone-d5	3.850	46	40925	34.571	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.140%		
24) Chloroform-d	4.243	84	223102	25.166	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.680%		
26) 1,2-Dichloroethane-d4	4.937	65	123596	26.143	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	104.560%		
32) Benzene-d6	4.953	84	410723	23.093	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.360%		
36) 1,2-Dichloropropane-d6	5.985	67	132101	24.693	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.760%		
41) Toluene-d8	7.239	98	333368	20.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.160%		
43) trans-1,3-Dichloroprop...	7.554	79	51008	21.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.400%		
47) 2-Hexanone-d5	8.034	63	31244	36.588	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.180%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	110871	25.283	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.120%		
66) 1,2-Dichlorobenzene-d4	11.557	152	122505	26.367	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.480%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	1777	1.111	ug/L	# 92
16) Methylene chloride	2.442	84	54442	9.208	ug/L	98
25) Chloroform	4.268	83	7342	0.824	ug/L	83
51) Chlorobenzene	8.818	112	5795	0.434	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	5348	0.621	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	8729	1.139	ug/L	94
69) 1,3,5-Trichlorobenzene	13.201	180	3235	0.535	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	3235	0.671	ug/L	97
71) Naphthalene	13.438	128	32353	3.763	ug/L	98

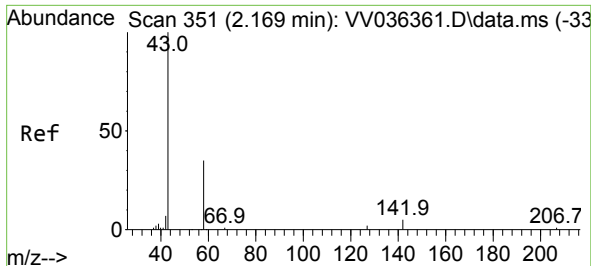
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070124\
Data File : VV036368.D
Acq On : 01 Jul 2024 12:21
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

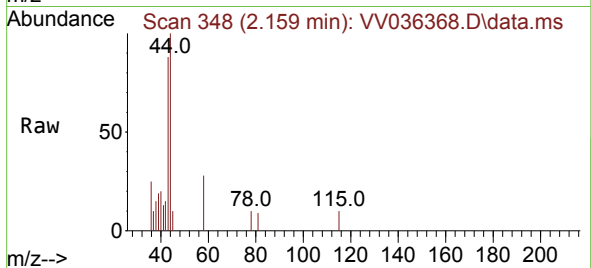
Quant Time: Jul 02 02:36:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 02:29:42 2024
Response via : Initial Calibration



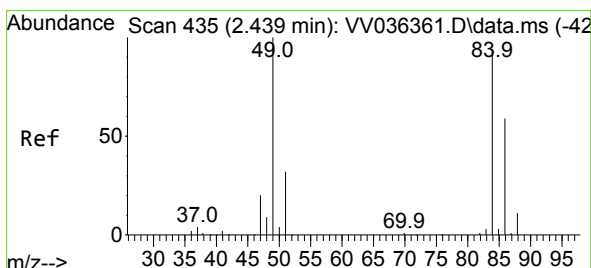
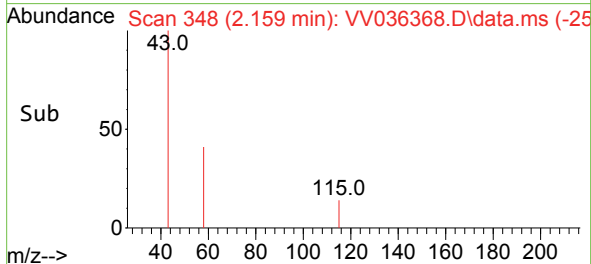
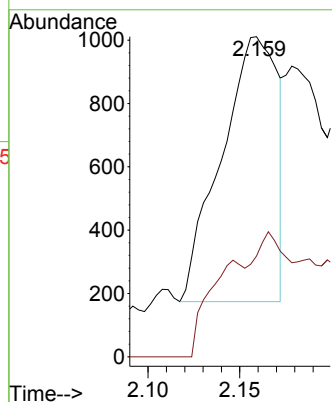


#13
Acetone
Concen: 1.111 ug/L
RT: 2.159 min Scan# 34
Delta R.T. -0.010 min
Lab File: VV036368.D
Acq: 01 Jul 2024 12:21

Instrument :
MSVOA_V
ClientSampleId :

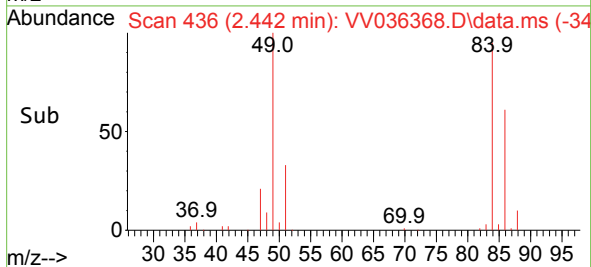
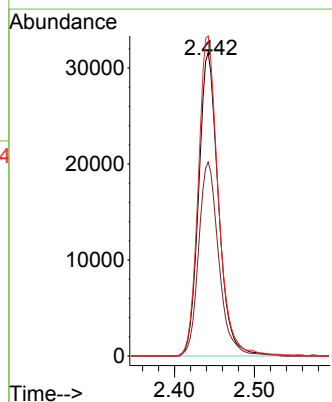
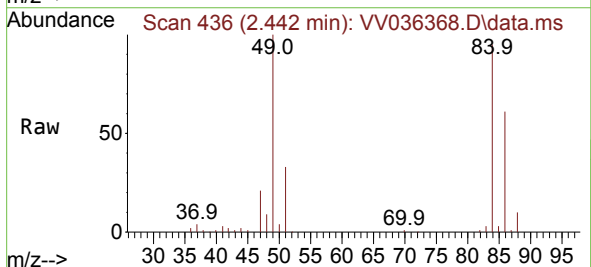


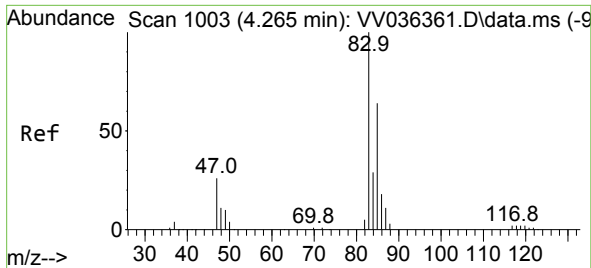
Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 8.2 0.0 0.6#



#16
Methylene chloride
Concen: 9.208 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036368.D
Acq: 01 Jul 2024 12:21

Tgt Ion: 84 Resp: 54442
Ion Ratio Lower Upper
84 100
86 63.9 45.6 84.8
49 105.5 75.7 140.5

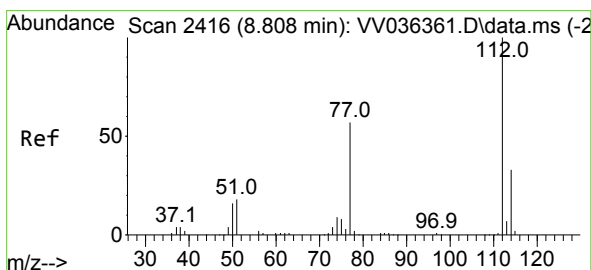
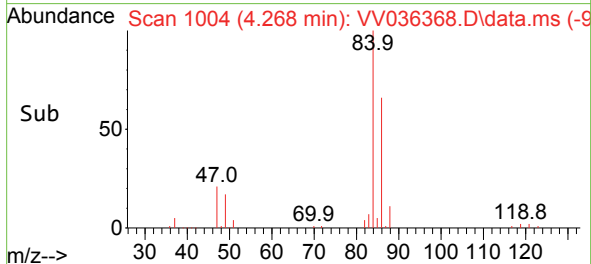
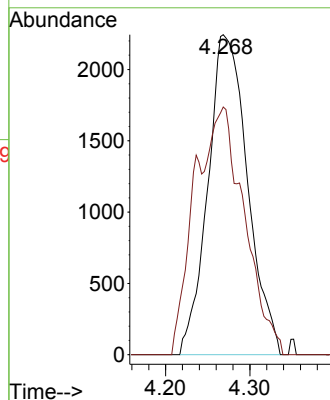
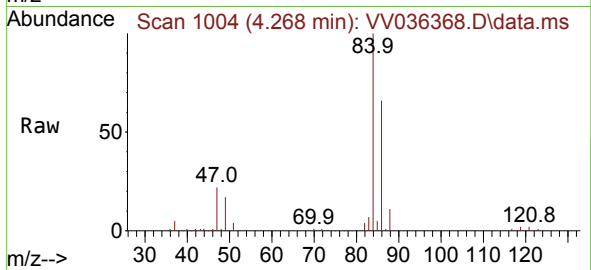




#25
Chloroform
Concen: 0.824 ug/L
RT: 4.268 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV036368.D
Acq: 01 Jul 2024 12:21

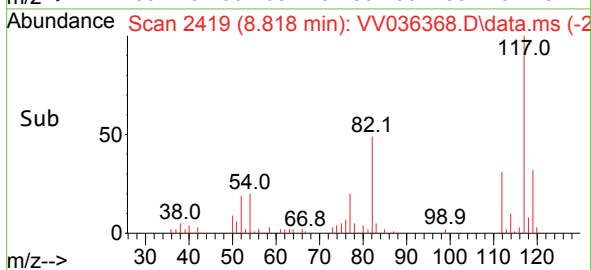
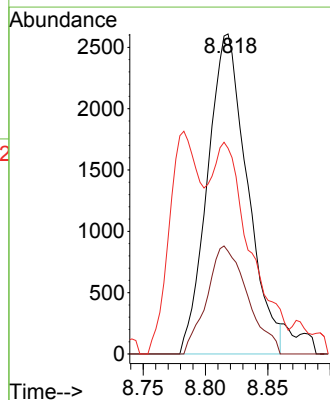
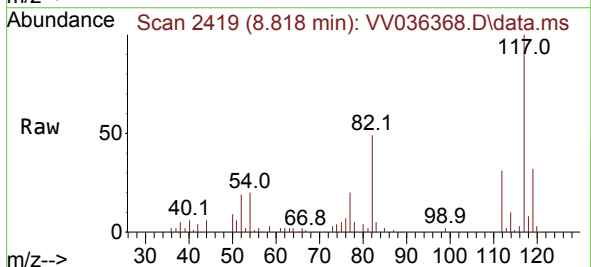
Instrument :
MSVOA_V
ClientSampleId :

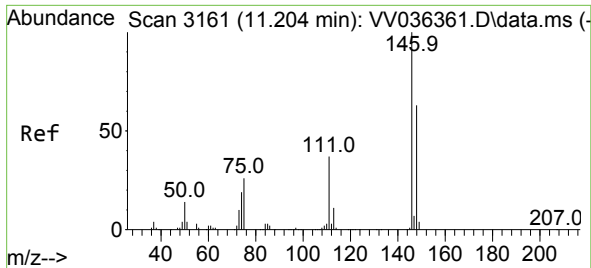
Tgt Ion: 83 Resp: 7342
Ion Ratio Lower Upper
83 100
85 77.4 45.0 83.6



#51
Chlorobenzene
Concen: 0.434 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV036368.D
Acq: 01 Jul 2024 12:21

Tgt Ion: 112 Resp: 5795
Ion Ratio Lower Upper
112 100
114 32.1 22.8 42.4
77 64.3 46.2 69.2

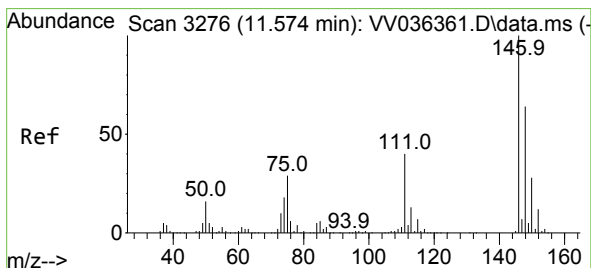
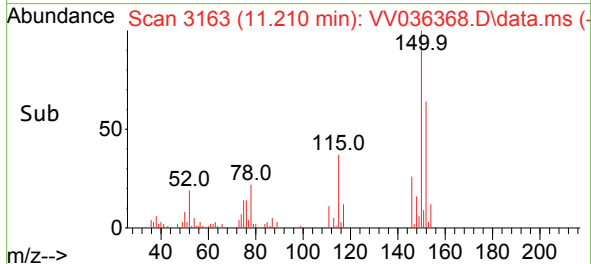
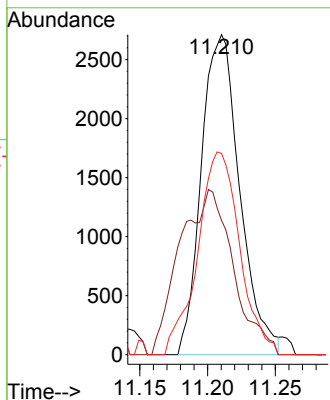
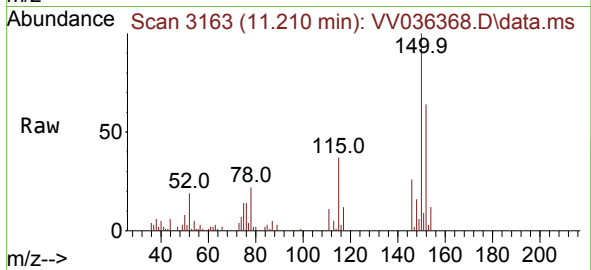




#65
1,4-Dichlorobenzene
Concen: 0.621 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV036368.D
Acq: 01 Jul 2024 12:21

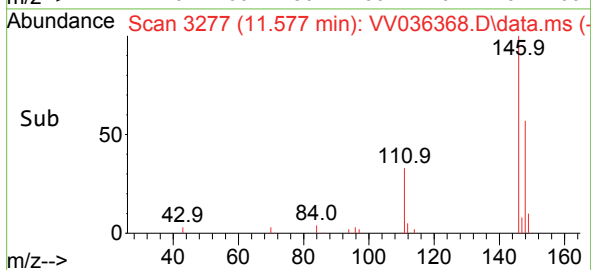
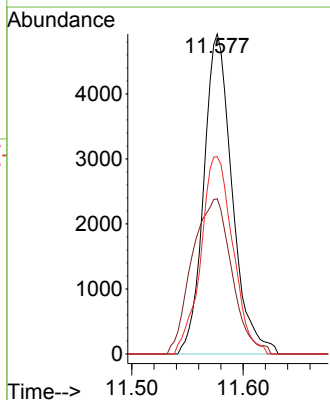
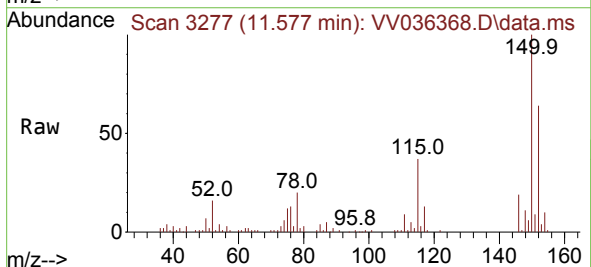
Instrument :
MSVOA_V
ClientSampleId :

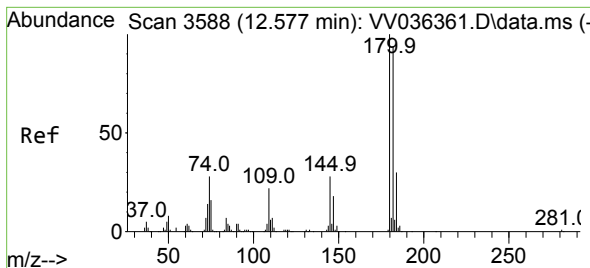
Tgt Ion:146 Resp: 5348
Ion Ratio Lower Upper
146 100
111 41.9 27.5 51.1
148 62.9 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 1.139 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV036368.D
Acq: 01 Jul 2024 12:21

Tgt Ion:146 Resp: 8729
Ion Ratio Lower Upper
146 100
111 48.5 33.3 49.9
148 61.7 51.1 76.7





#69

1,3,5-Trichlorobenzene

Concen: 0.535 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.624 min

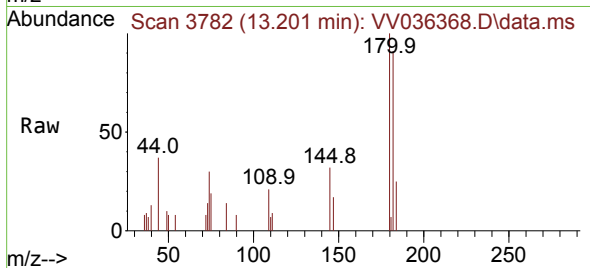
Lab File: VV036368.D

Acq: 01 Jul 2024 12:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3235

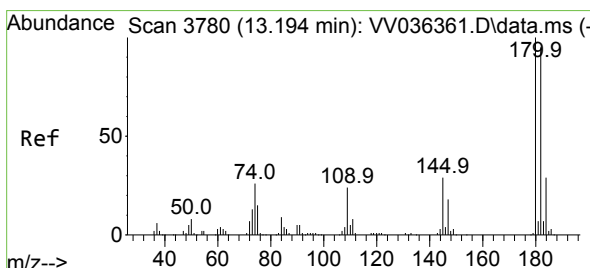
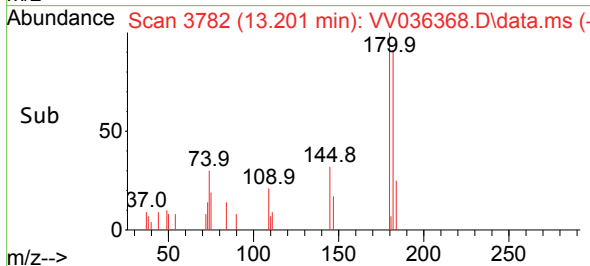
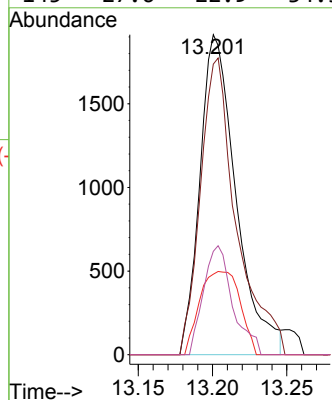
Ion Ratio Lower Upper

180 100

182 92.3 76.2 114.4

184 29.0 23.3 34.9

145 27.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.671 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV036368.D

Acq: 01 Jul 2024 12:21

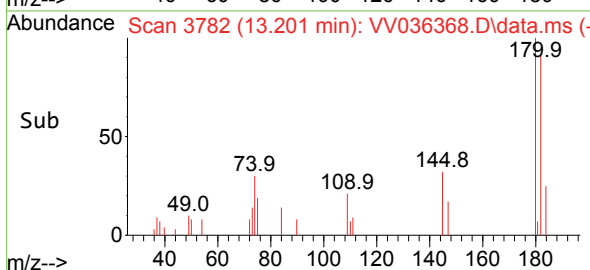
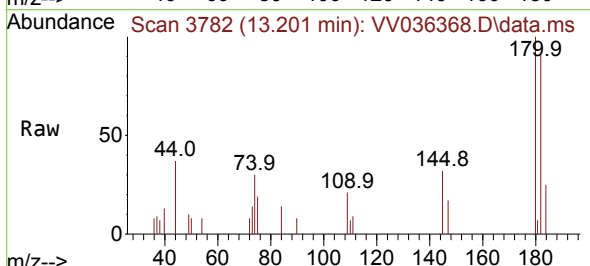
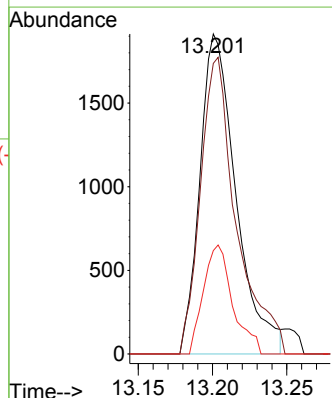
Tgt Ion:180 Resp: 3235

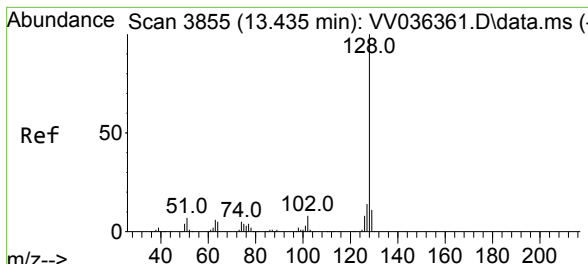
Ion Ratio Lower Upper

180 100

182 92.3 76.1 114.1

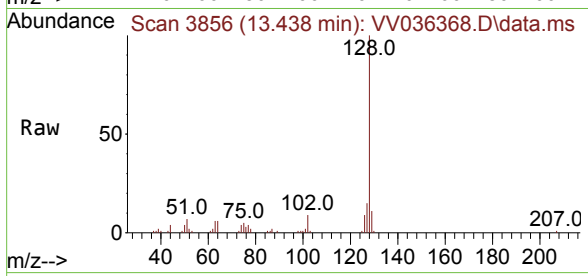
145 27.6 23.8 35.8





#71
Naphthalene
Concen: 3.763 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV036368.D
Acq: 01 Jul 2024 12:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	32353
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.8	16.2
129	11.0	8.6	13.0

