

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035367.D
 Acq On : 23 Apr 2024 17:52
 Operator : SY/MD
 Sample : P2182-02 1000X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:31:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

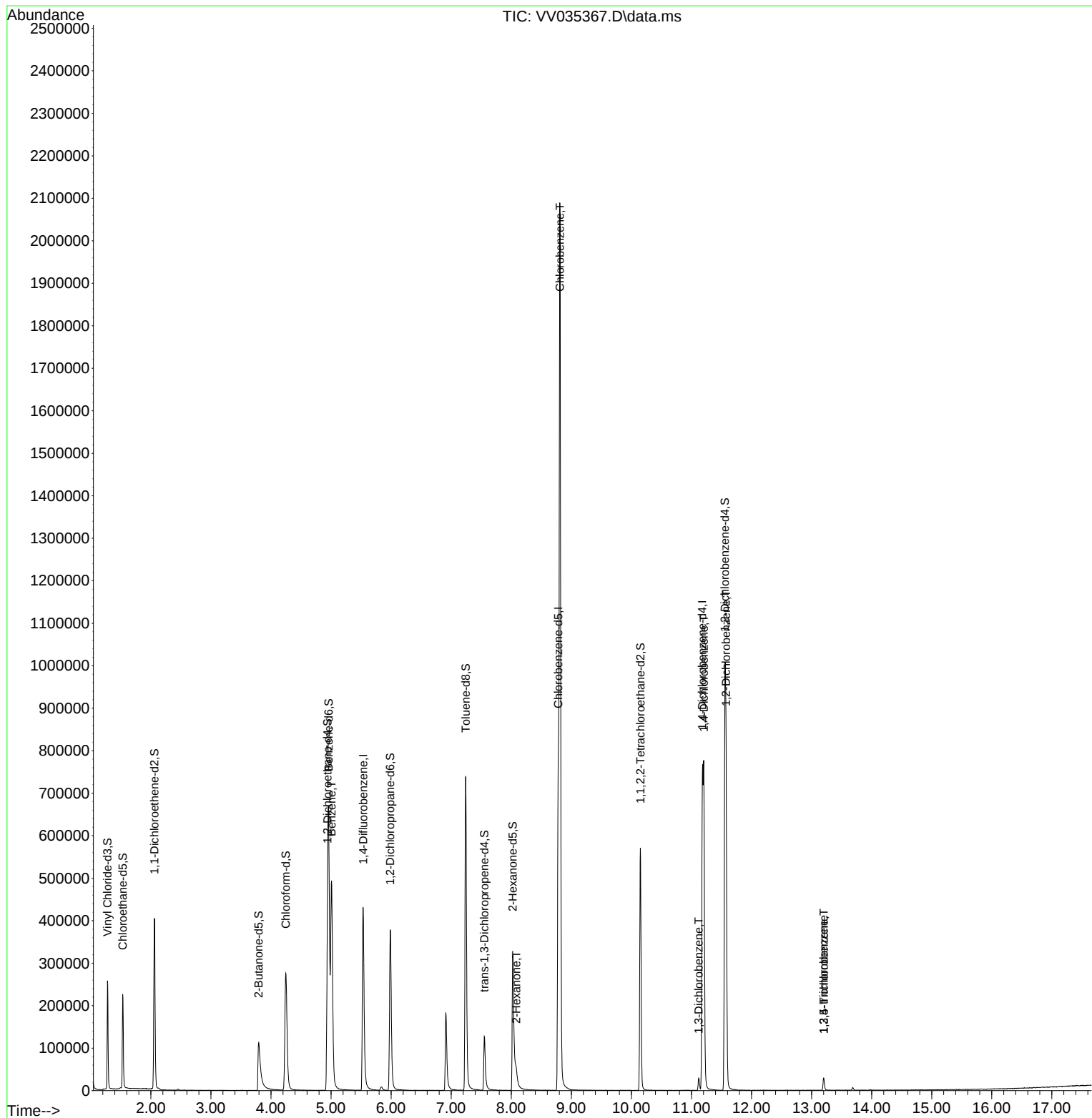
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	389045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	392264	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	185629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168392	44.818	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.640%	
7) Chloroethane-d5	1.532	69	141669	43.412	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	86.820%	
11) 1,1-Dichloroethene-d2	2.060	65	69146	41.984	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.960%	
21) 2-Butanone-d5	3.796	46	194267	87.181	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	87.180%	
24) Chloroform-d	4.246	84	308596	48.851	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.700%	
26) 1,2-Dichloroethane-d4	4.941	65	195351	48.708	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.420%	
32) Benzene-d6	4.960	84	612723	46.502	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	5.985	67	198580	47.460	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.920%	
41) Toluene-d8	7.243	98	518447	43.690	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.380%	
43) trans-1,3-Dichloroprop...	7.551	79	81842	40.235	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.480%	
47) 2-Hexanone-d5	8.024	63	111366	70.398	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	70.400%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	276702	48.023	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.040%	
66) 1,2-Dichlorobenzene-d4	11.558	152	216273	51.892	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.780%	
Target Compounds					Qvalue	
33) Benzene	5.008	78	530915	41.506	ug/L	100
48) 2-Hexanone	8.085	43	31782	8.280	ug/L #	89
51) Chlorobenzene	8.809	112	1127799	129.941	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	12766	2.041	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	292847	46.047	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	281397	45.169	ug/L	98
69) 1,3,5-Trichlorobenzene	13.204	180	10574	2.346	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	10574	2.554	ug/L	97

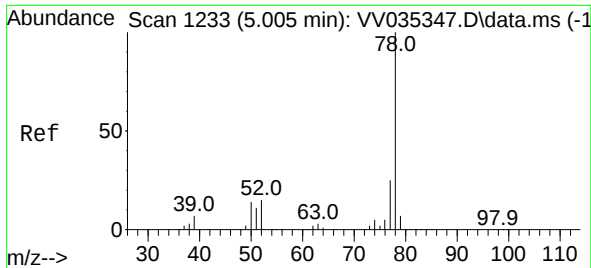
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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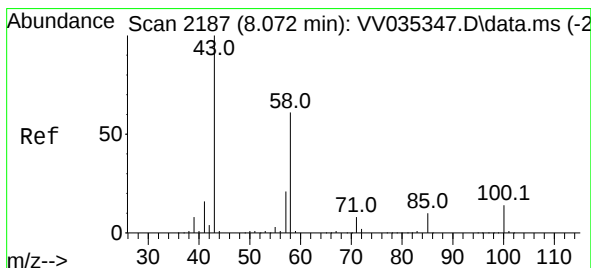
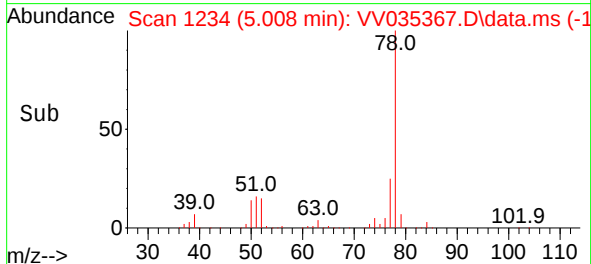
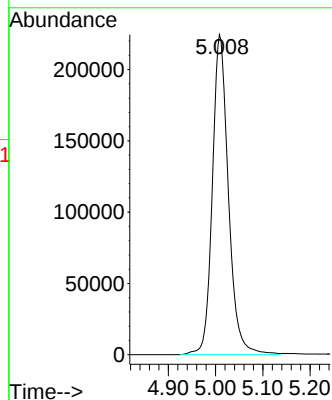
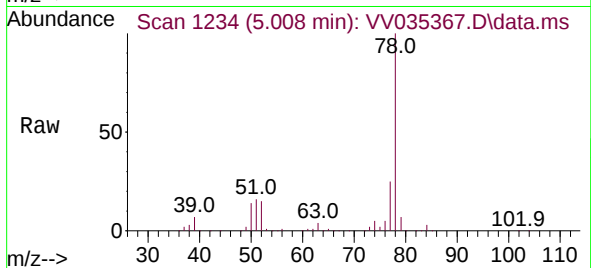




#33
Benzene
Concen: 41.506 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035367.D
Acq: 23 Apr 2024 17:52

Instrument :
MSVOA_V
ClientSampleId :

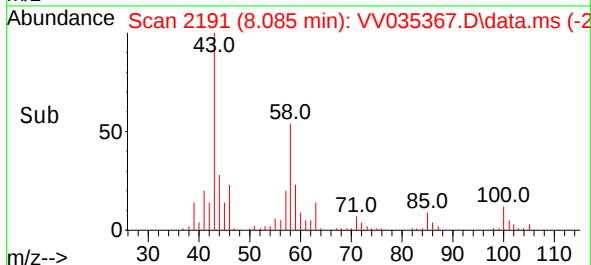
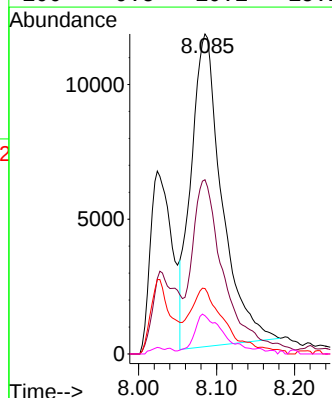
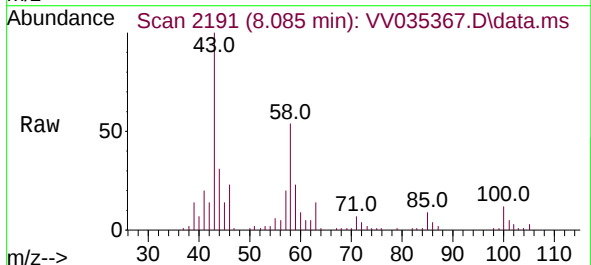
Tgt Ion: 78 Resp: 530915

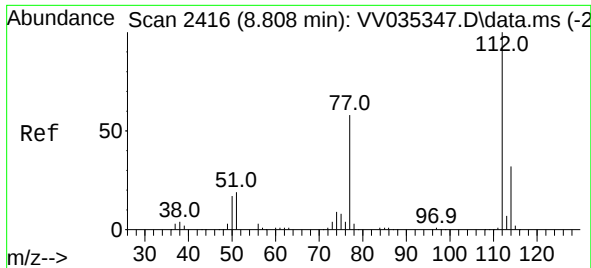


#48
2-Hexanone
Concen: 8.280 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV035367.D
Acq: 23 Apr 2024 17:52

Tgt Ion: 43 Resp: 31782

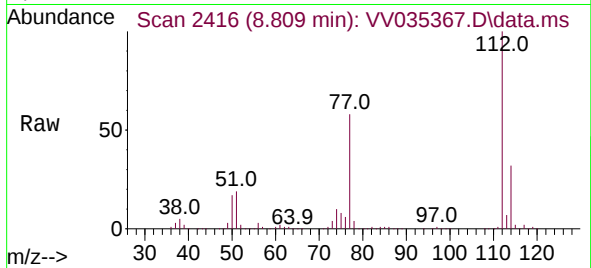
Ion	Ratio	Lower	Upper
43	100		
58	48.3	45.4	68.2
57	15.9	16.2	24.4#
100	9.5	10.1	15.1#



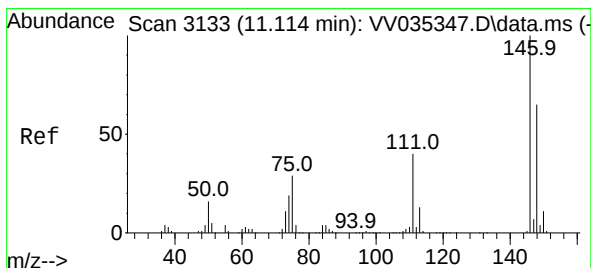
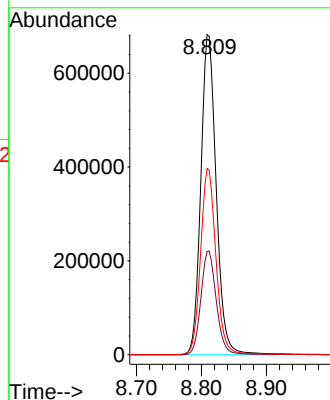
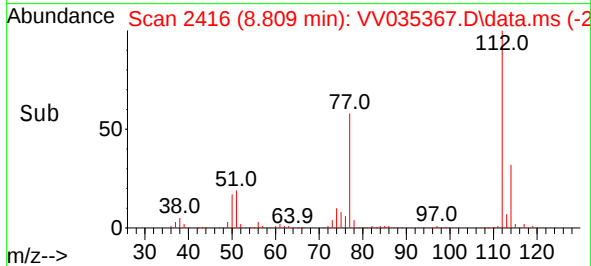


#51
Chlorobenzene
Concen: 129.941 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035367.D
Acq: 23 Apr 2024 17:52

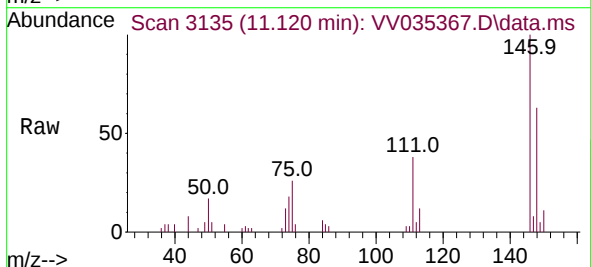
Instrument :
MSVOA_V
ClientSampleId :



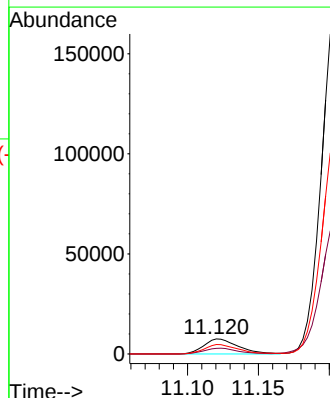
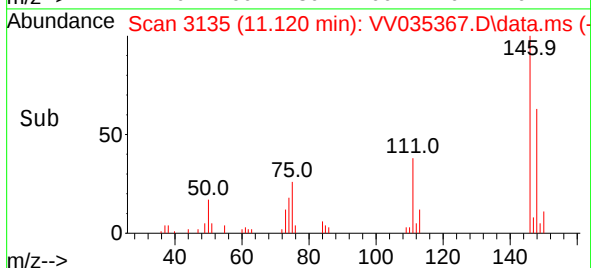
Tgt Ion:112 Resp: 1127799
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 58.2 47.4 71.2

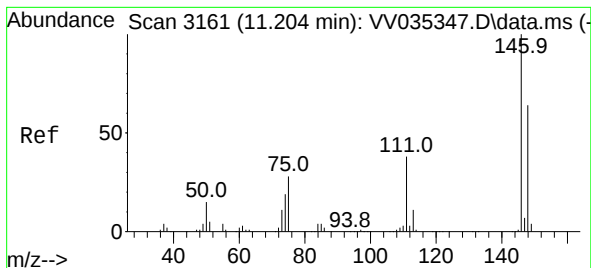


#64
1,3-Dichlorobenzene
Concen: 2.041 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV035367.D
Acq: 23 Apr 2024 17:52



Tgt Ion:146 Resp: 12766
Ion Ratio Lower Upper
146 100
111 37.6 28.7 53.3
148 62.7 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 46.047 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035367.D

Acq: 23 Apr 2024 17:52

Instrument :

MSVOA_V

ClientSampleId :

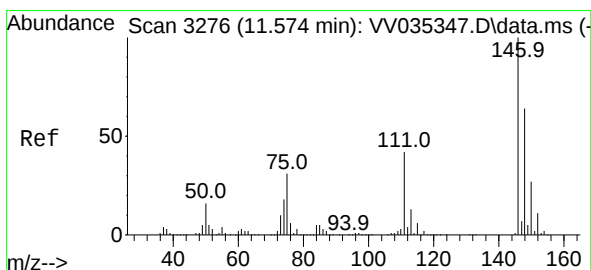
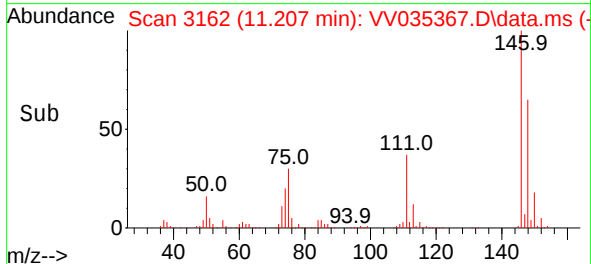
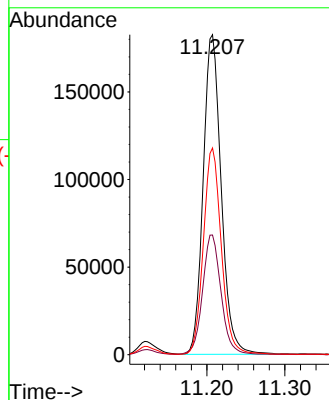
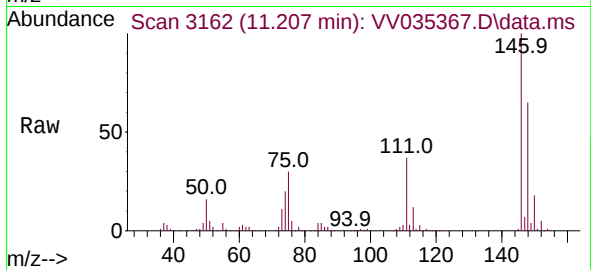
Tgt Ion:146 Resp: 292847

Ion Ratio Lower Upper

146 100

111 37.4 27.4 50.8

148 64.6 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 45.169 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035367.D

Acq: 23 Apr 2024 17:52

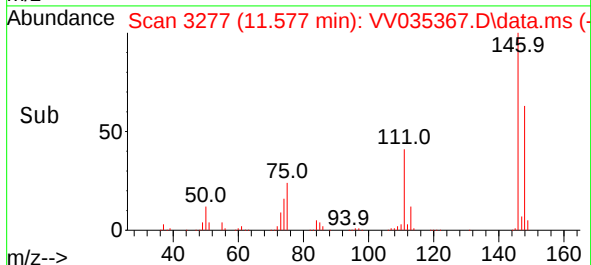
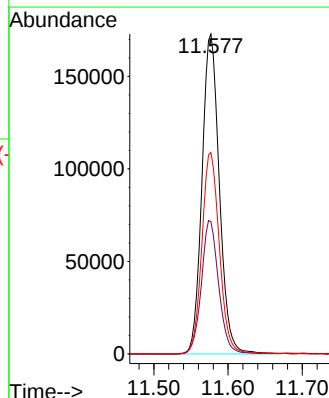
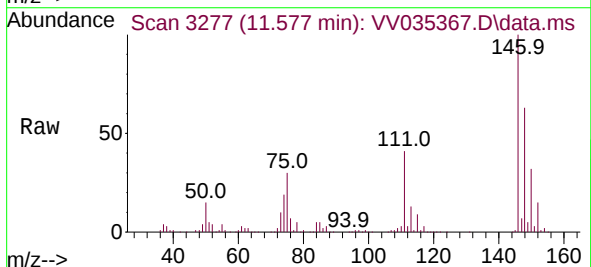
Tgt Ion:146 Resp: 281397

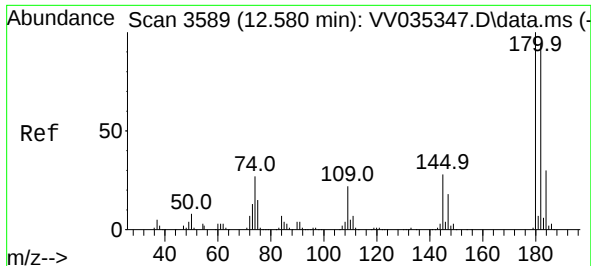
Ion Ratio Lower Upper

146 100

111 41.3 34.6 52.0

148 63.0 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 2.346 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

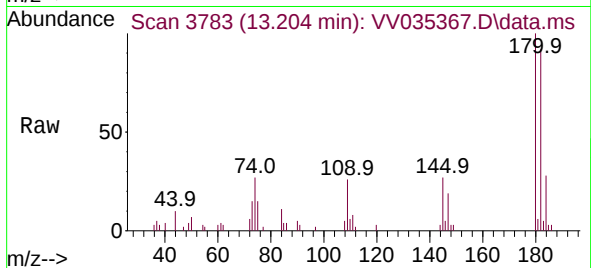
Lab File: VV035367.D

Acq: 23 Apr 2024 17:52

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MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10574

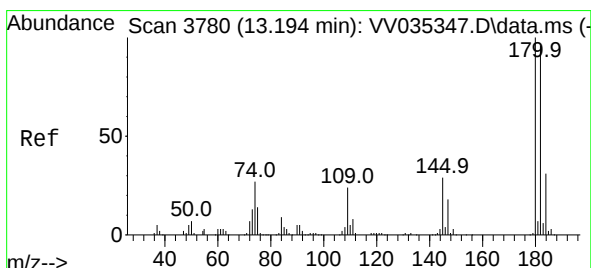
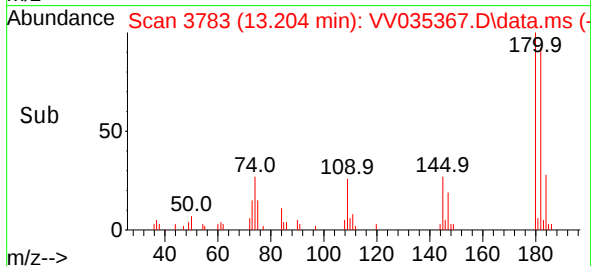
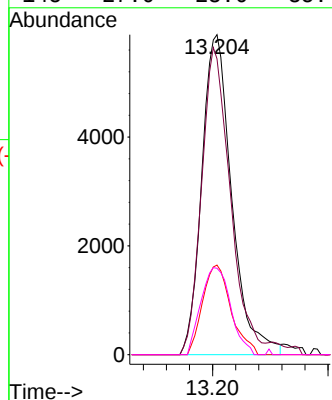
Ion Ratio Lower Upper

180 100

182 91.9 74.7 112.1

184 26.7 24.0 36.0

145 27.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.554 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035367.D

Acq: 23 Apr 2024 17:52

Tgt Ion:180 Resp: 10574

Ion Ratio Lower Upper

180 100

182 91.9 75.6 113.4

145 27.0 24.1 36.1

