

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035430.D
 Acq On : 26 Apr 2024 16:28
 Operator : SY/MD
 Sample : P2280-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E08P7

Quant Time: Apr 27 00:35:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

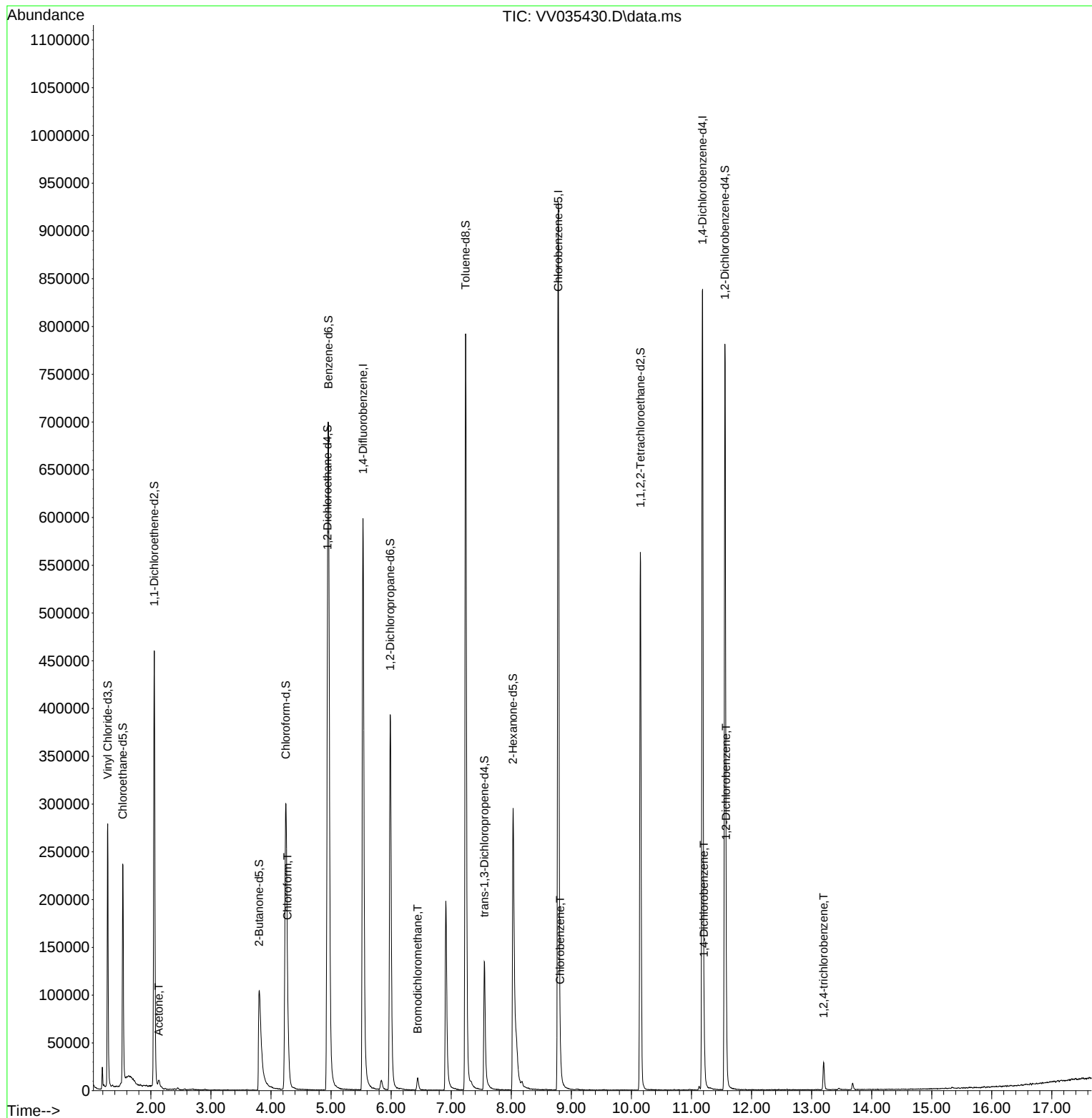
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	534520	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	528712	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	228082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	189064	44.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.020%
7) Chloroethane-d5	1.532	69	151762	61.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.320%
11) 1,1-Dichloroethene-d2	2.056	65	78654	44.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
21) 2-Butanone-d5	3.802	46	208336	94.629	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.630%
24) Chloroform-d	4.246	84	324275	44.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
26) 1,2-Dichloroethane-d4	4.940	65	197817	46.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
32) Benzene-d6	4.957	84	651979	46.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
36) 1,2-Dichloropropane-d6	5.985	67	205875	48.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.239	98	558492	44.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.551	79	90011	44.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.760%
47) 2-Hexanone-d5	8.030	63	108181	87.538	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	282273	46.199	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	207812	52.077	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.160%
Target Compounds						
					Qvalue	
13) Acetone	2.134	43	9815	3.752	ug/L	99
25) Chloroform	4.275	83	53170	7.319	ug/L	100
38) Bromodichloromethane	6.442	83	10143	1.902	ug/L	95
51) Chlorobenzene	8.815	112	12272	1.174	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	16192	2.277	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	18771	2.733	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	9699	2.544	ug/L	97

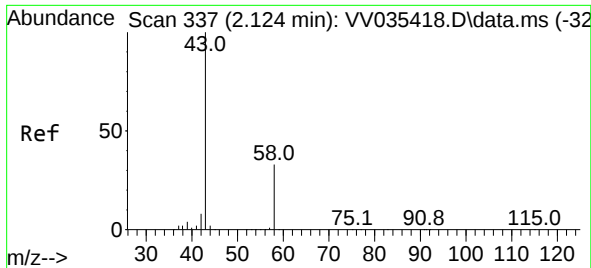
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 3.752 ug/L

RT: 2.134 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV035430.D

Acq: 26 Apr 2024 16:28

Instrument :

MSVOA_V

ClientSampleId :

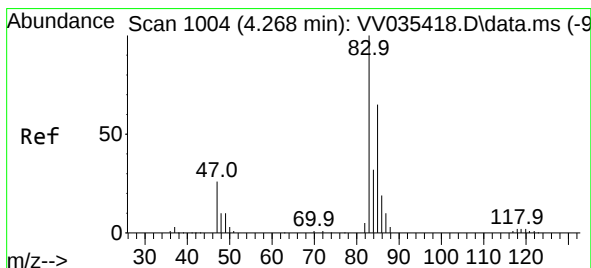
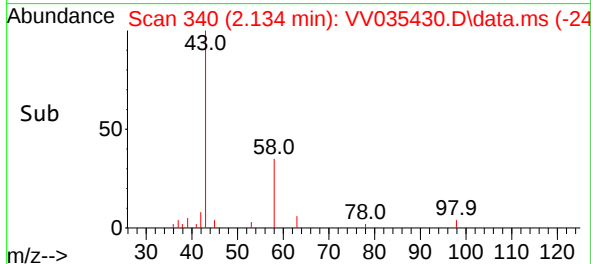
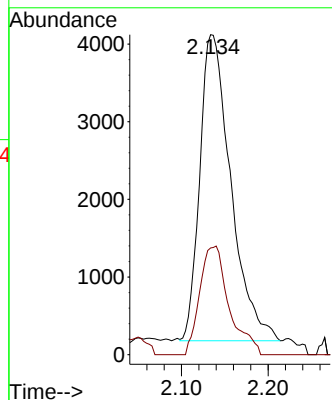
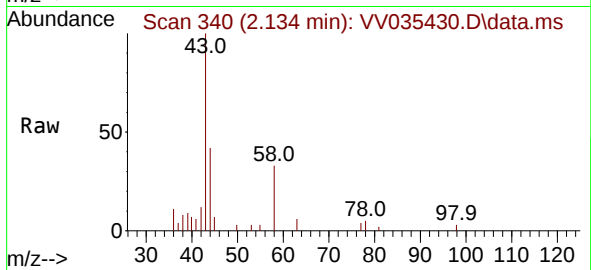
E08P7

Tgt Ion: 43 Resp: 9815

Ion Ratio Lower Upper

43 100

58 33.4 0.0 65.8



#25

Chloroform

Concen: 7.319 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV035430.D

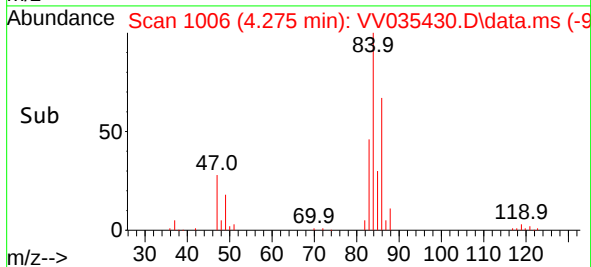
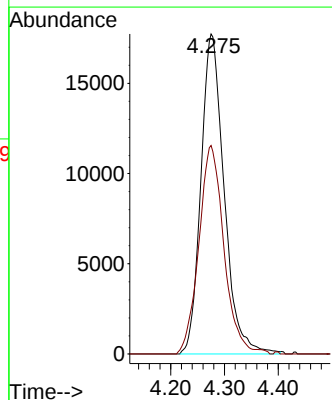
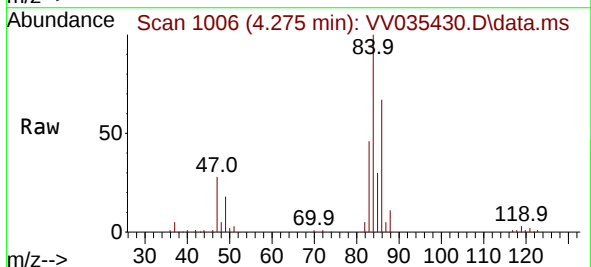
Acq: 26 Apr 2024 16:28

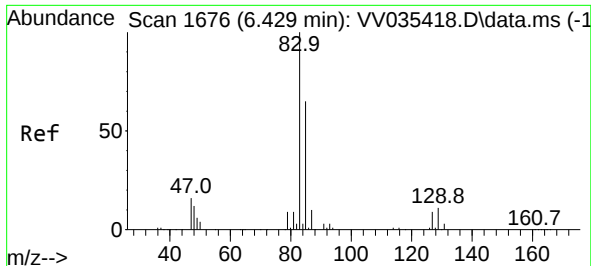
Tgt Ion: 83 Resp: 53170

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

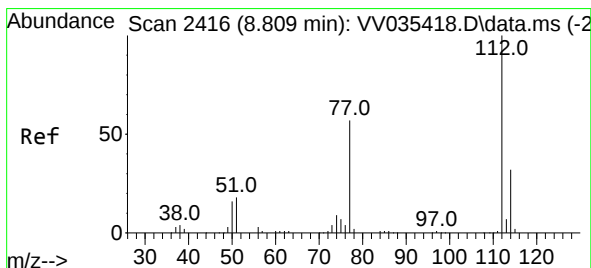
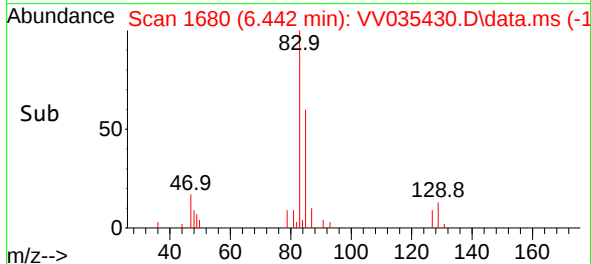
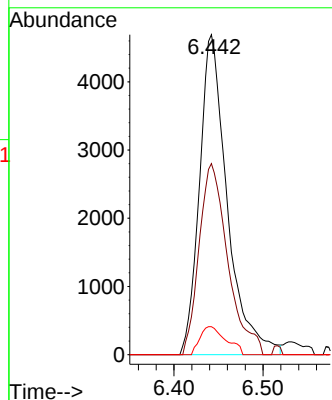
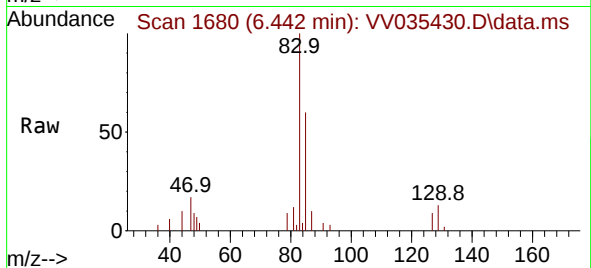




#38
Bromodichloromethane
Concen: 1.902 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV035430.D
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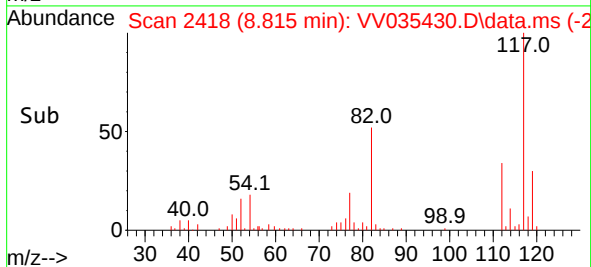
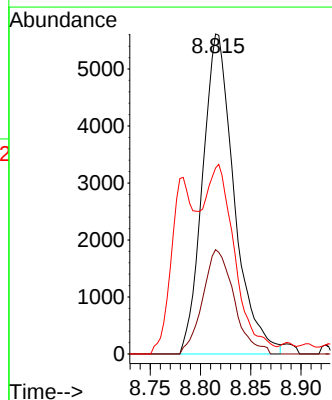
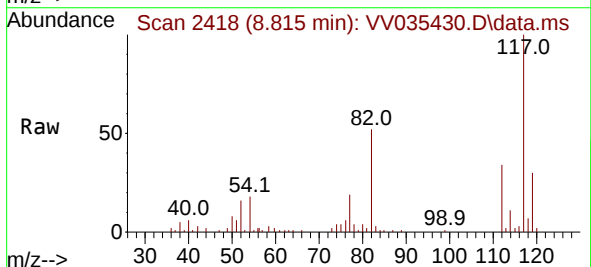
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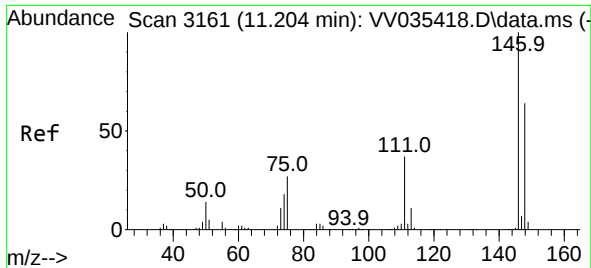
Tgt Ion: 83	Resp:	10143
Ion	Ratio	Lower Upper
83	100	
85	59.7	45.1 83.9
127	8.8	7.0 10.4



#51
Chlorobenzene
Concen: 1.174 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Tgt Ion: 112	Resp:	12272
Ion	Ratio	Lower Upper
112	100	
114	32.6	22.4 41.6
77	58.1	45.6 68.4

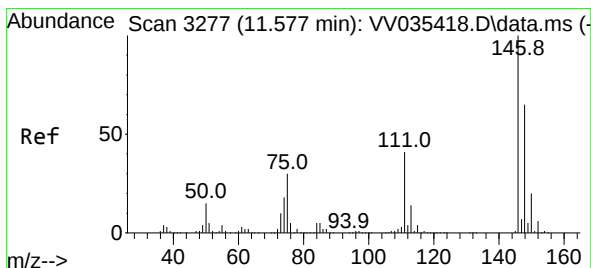
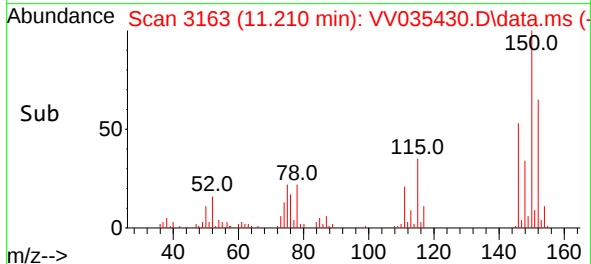
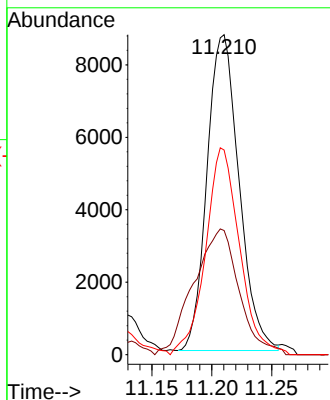
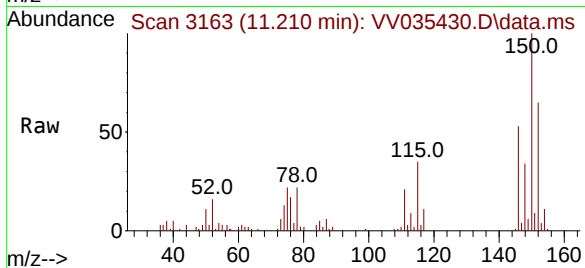




#65
1,4-Dichlorobenzene
Concen: 2.277 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

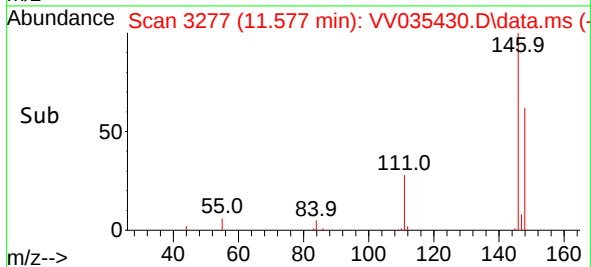
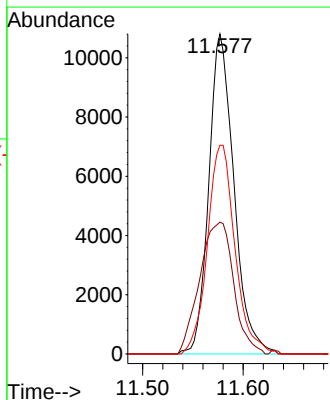
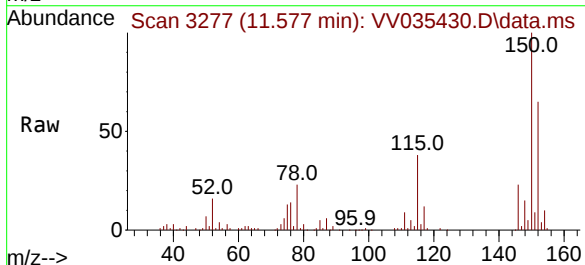
Instrument :
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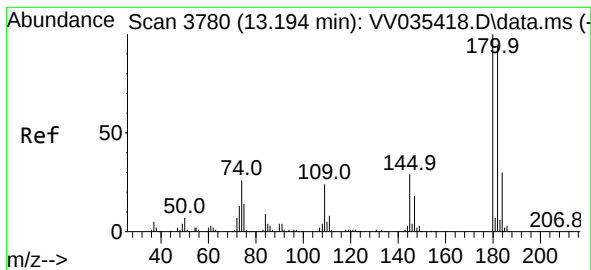
Tgt Ion:146 Resp: 16192
Ion Ratio Lower Upper
146 100
111 38.8 26.5 49.1
148 63.9 45.0 83.6



#67
1,2-Dichlorobenzene
Concen: 2.733 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV035430.D
Acq: 26 Apr 2024 16:28

Tgt Ion:146 Resp: 18771
Ion Ratio Lower Upper
146 100
111 41.2 33.3 49.9
148 65.2 52.2 78.2





#70

1,2,4-trichlorobenzene

Concen: 2.544 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035430.D

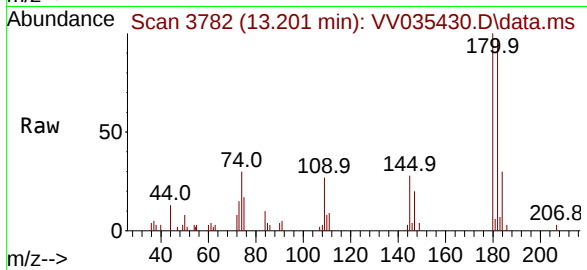
Acq: 26 Apr 2024 16:28

Instrument :

MSVOA_V

ClientSampleId :

E08P7



Tgt Ion:180 Resp: 9699

Ion Ratio Lower Upper

180 100

182 96.6 75.1 112.7

145 27.0 23.2 34.8

