

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040824\
 Data File : VV035065.D
 Acq On : 08 Apr 2024 19:27
 Operator : SY/MD
 Sample : P2006-10DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RE9DL

Quant Time: Apr 09 02:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

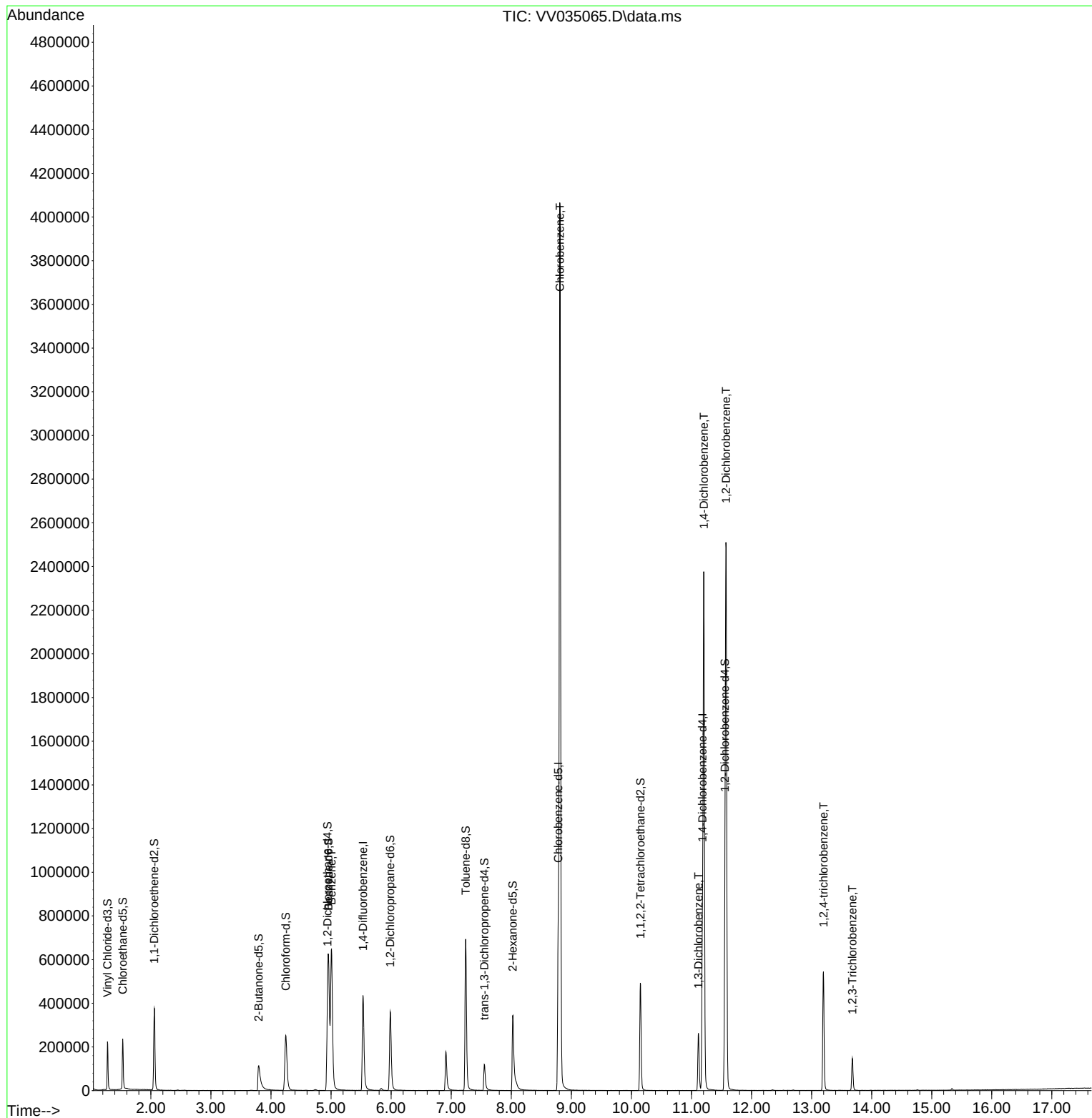
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	381998	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	370477	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	174249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142648	38.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.340%
7) Chloroethane-d5	1.532	69	138506	43.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.460%
11) 1,1-Dichloroethene-d2	2.056	65	65660	40.602	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.200%
21) 2-Butanone-d5	3.796	46	203995	93.235	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.240%
24) Chloroform-d	4.246	84	269281	43.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
26) 1,2-Dichloroethane-d4	4.940	65	174906	44.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
32) Benzene-d6	4.957	84	549665	44.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
36) 1,2-Dichloropropane-d6	5.985	67	182442	46.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.340%
41) Toluene-d8	7.243	98	470646	41.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.980%
43) trans-1,3-Dichloroprop...	7.551	79	75220	39.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.300%
47) 2-Hexanone-d5	8.024	63	122766	82.168	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.170%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	242845	44.626	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	181545	46.404	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	669955	55.456	ug/L	100
51) Chlorobenzene	8.812	112	2073723	252.978	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	104976	17.882	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	880341	147.466	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	906258	154.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	161602	41.582	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	43054	11.239	ug/L	97

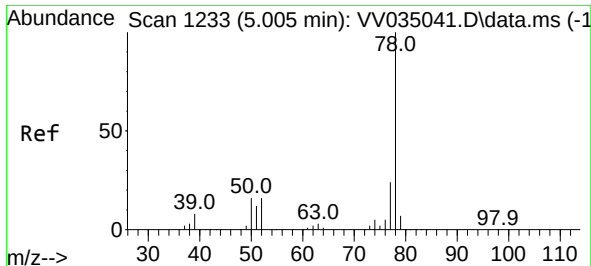
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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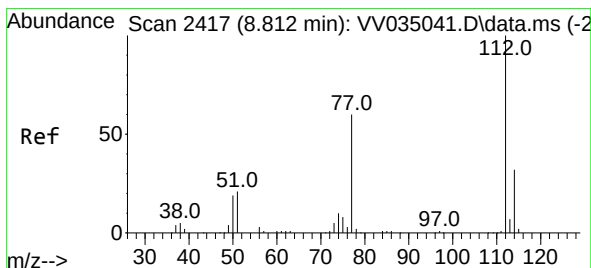
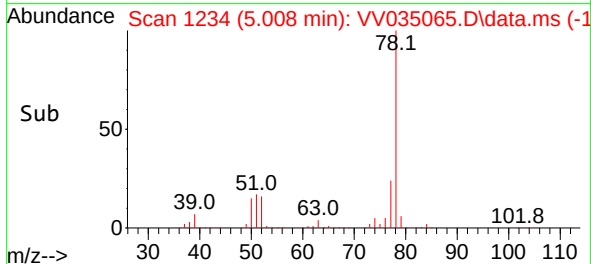
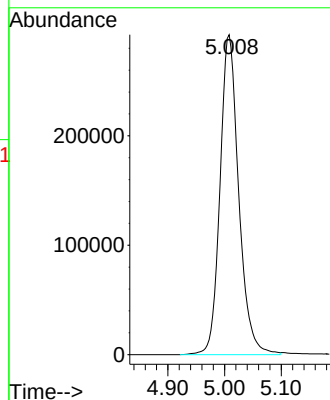
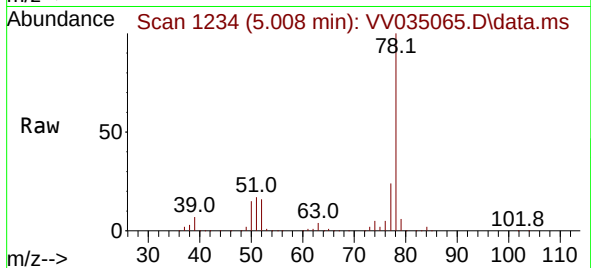




#33
Benzene
Concen: 55.456 ug/L
RT: 5.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035065.D
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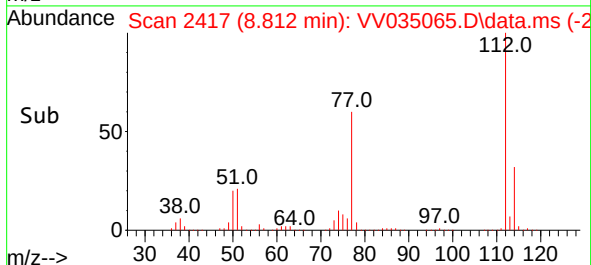
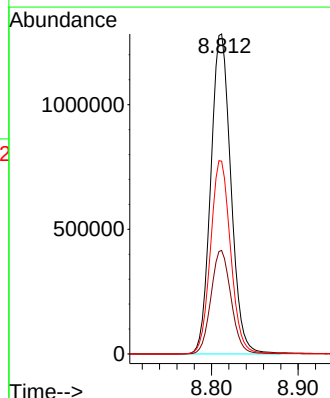
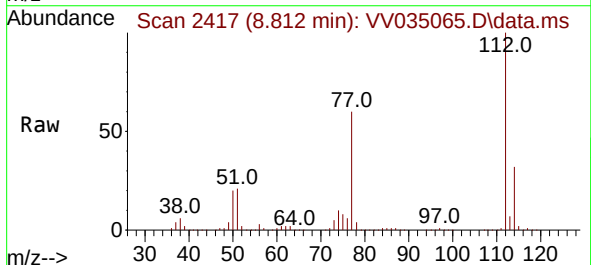
Instrument :
MSVOA_V
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MC0RE9DL

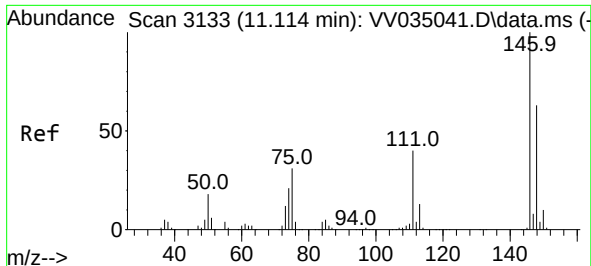
Tgt Ion: 78 Resp: 669955



#51
Chlorobenzene
Concen: 252.978 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035065.D
Acq: 08 Apr 2024 19:27

Tgt Ion: 112 Resp: 2073723
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 60.3 47.4 71.2

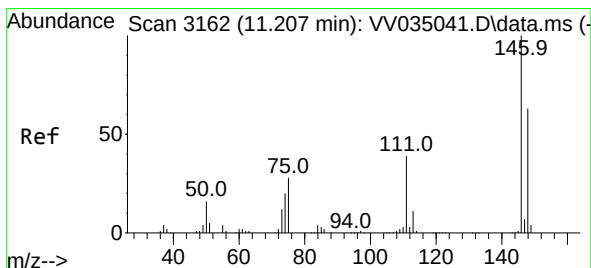
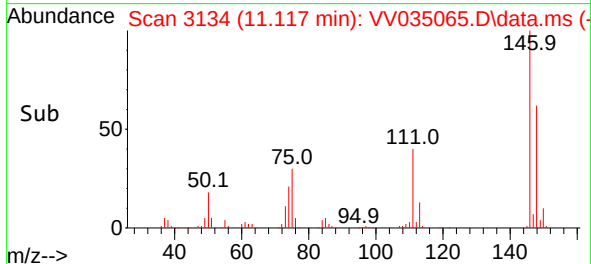
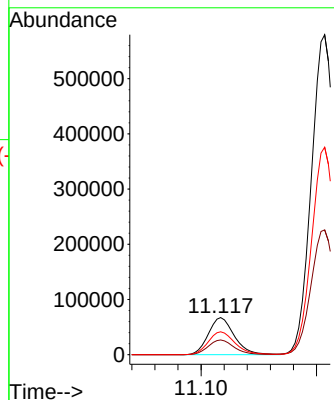
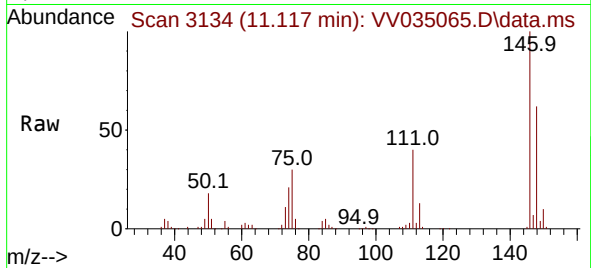




#64
1,3-Dichlorobenzene
Concen: 17.882 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035065.D
Acq: 08 Apr 2024 19:27

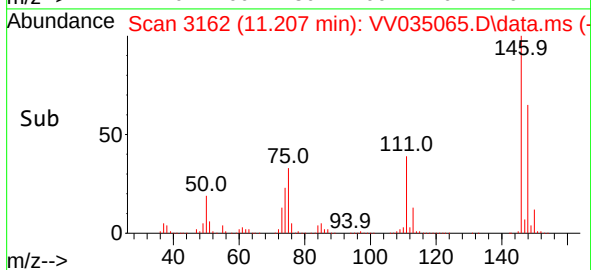
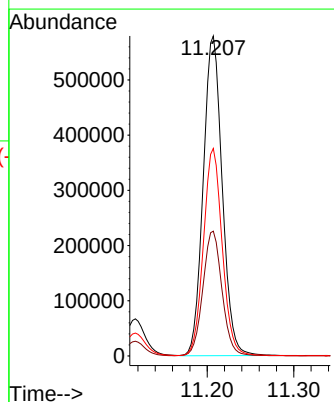
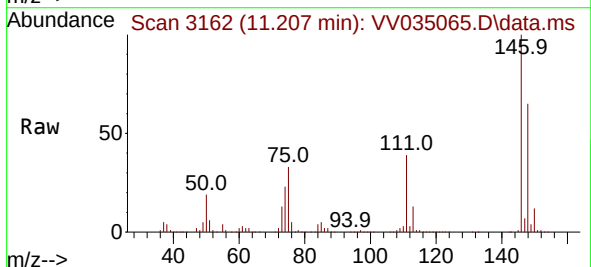
Instrument :
MSVOA_V
ClientSampleId :
MC0RE9DL

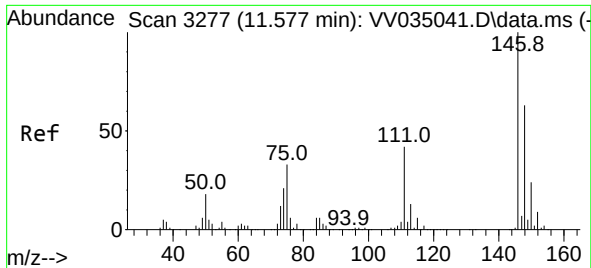
Tgt Ion:146 Resp: 104976
Ion Ratio Lower Upper
146 100
111 39.5 28.7 53.3
148 61.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 147.466 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035065.D
Acq: 08 Apr 2024 19:27

Tgt Ion:146 Resp: 880341
Ion Ratio Lower Upper
146 100
111 39.0 27.4 50.8
148 64.8 44.2 82.2

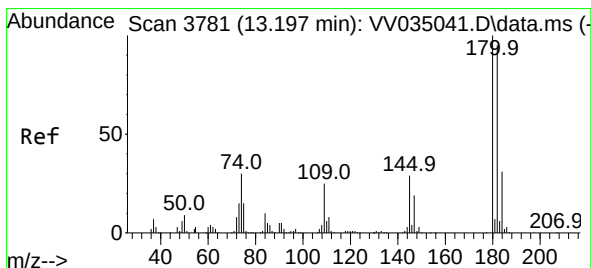
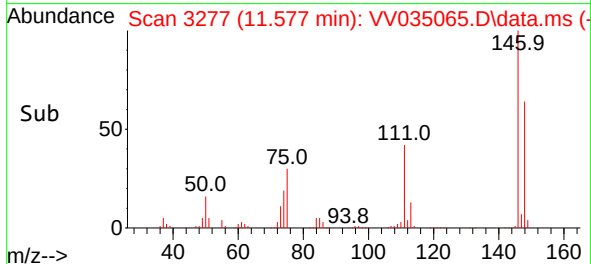
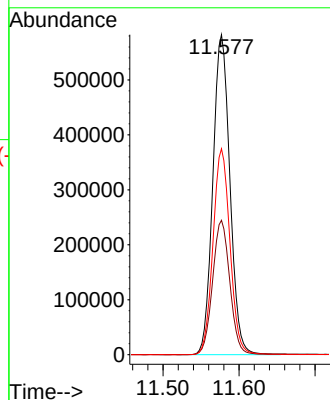
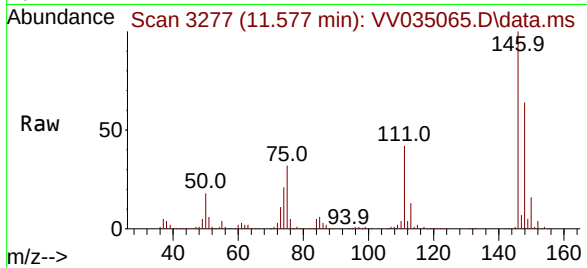




#67
1,2-Dichlorobenzene
Concen: 154.969 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV035065.D
Acq: 08 Apr 2024 19:27

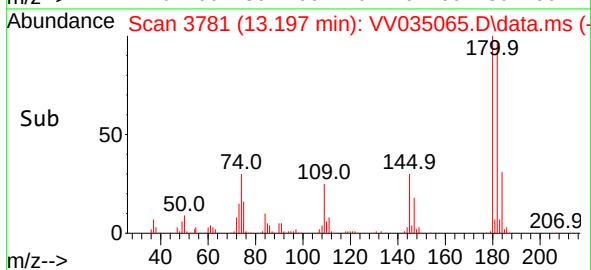
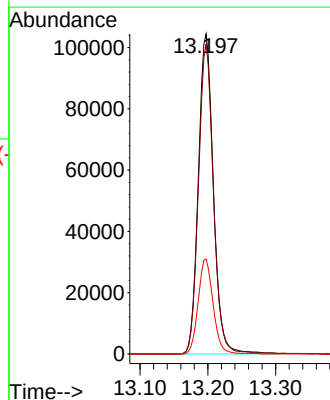
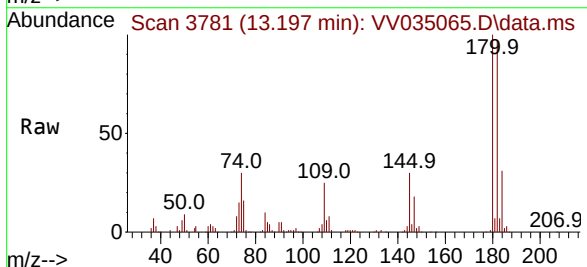
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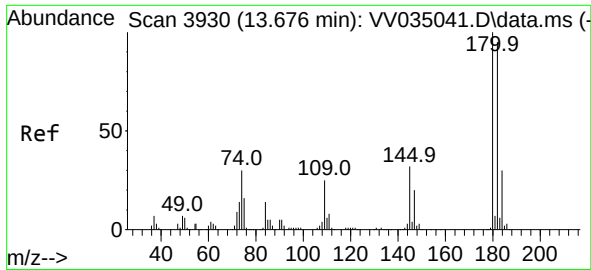
Tgt Ion:146 Resp: 906258
Ion Ratio Lower Upper
146 100
111 42.0 34.6 52.0
148 64.4 51.5 77.3



#70
1,2,4-trichlorobenzene
Concen: 41.582 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV035065.D
Acq: 08 Apr 2024 19:27

Tgt Ion:180 Resp: 161602
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 29.3 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 11.239 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV035065.D

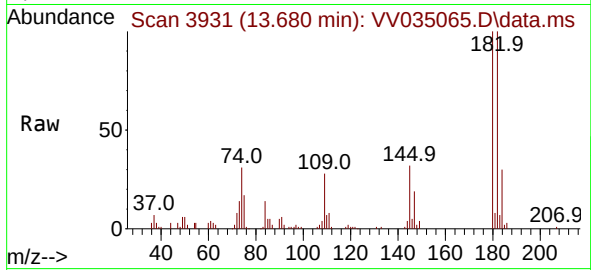
Acq: 08 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :

MC0RE9DL



Tgt Ion:180 Resp: 43054

Ion Ratio Lower Upper

180 100

182 98.6 76.2 114.2

145 32.0 25.8 38.6

