

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 :

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

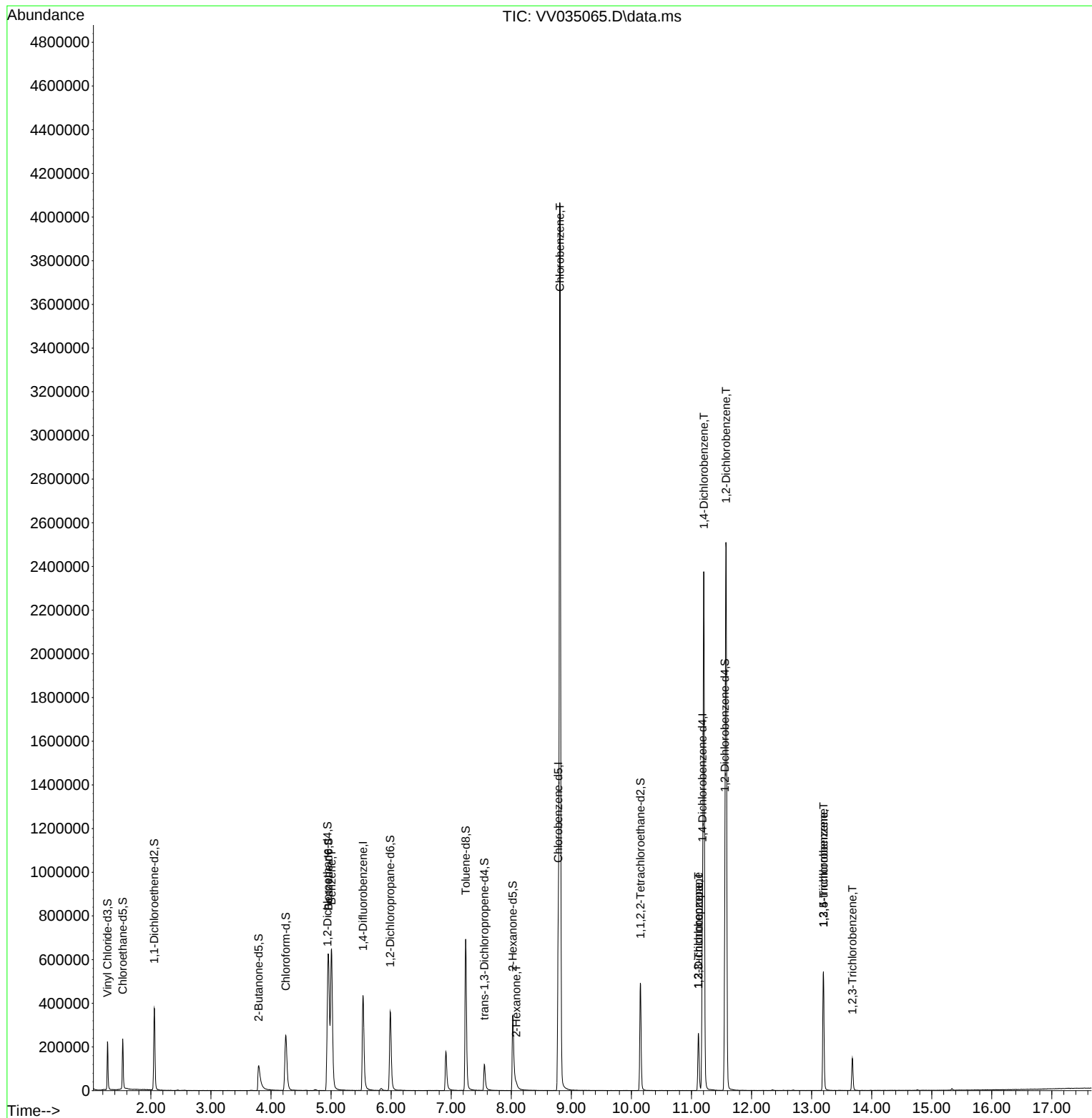
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	381998	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	370477	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	174249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	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						
33) Benzene	5.008	78	669955	55.456	ug/L	Qvalue 100
48) 2-Hexanone	8.085	43	16207	4.470	ug/L #	83
51) Chlorobenzene	8.812	112	2073723	252.978	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	32050	8.488	ug/L #	49
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
69) 1,3,5-Trichlorobenzene	13.197	180	161602	38.196	ug/L	98
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

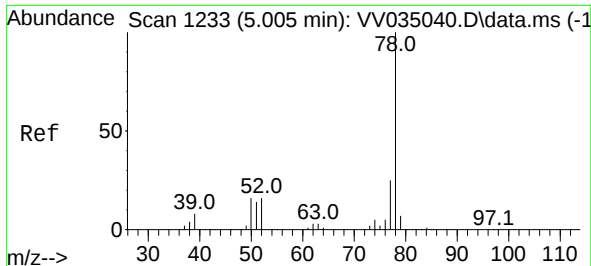
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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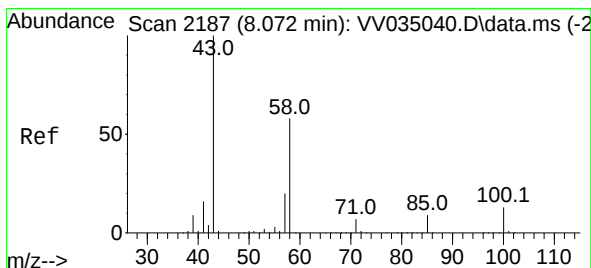
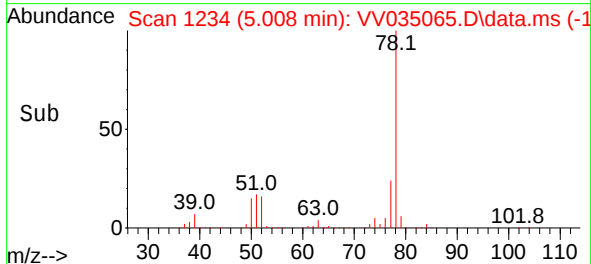
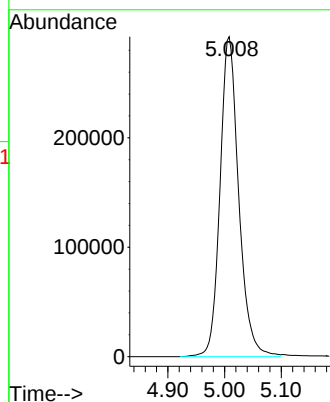
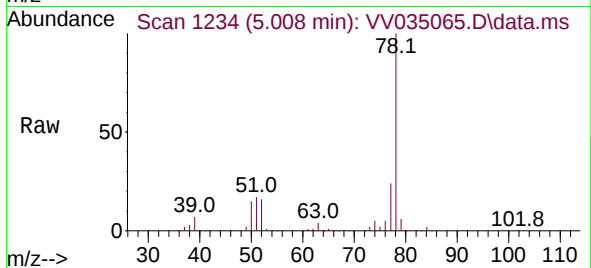




#33
Benzene
Concen: 55.456 ug/L
RT: 5.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035065.D
Acq: 08 Apr 2024 19:27

Instrument :
MSVOA_V
ClientSampleId :

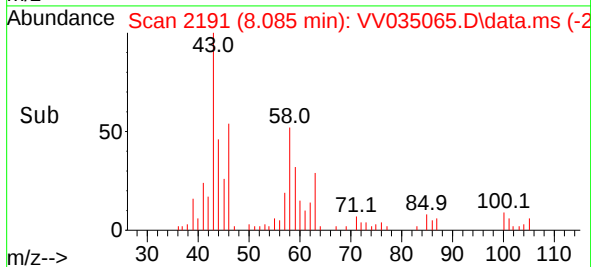
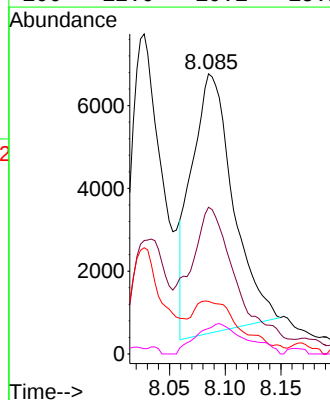
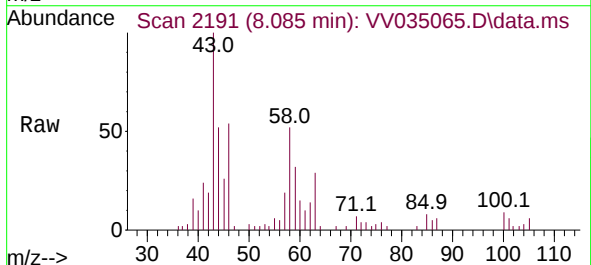
Tgt Ion: 78 Resp: 669955

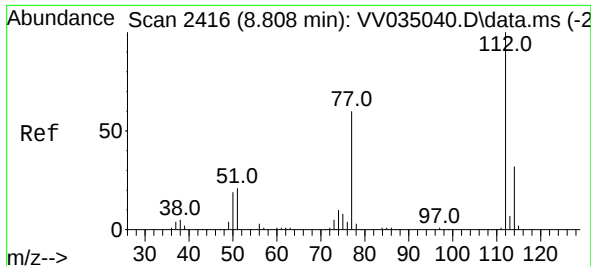


#48
2-Hexanone
Concen: 4.470 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV035065.D
Acq: 08 Apr 2024 19:27

Tgt Ion: 43 Resp: 16207

Ion	Ratio	Lower	Upper
43	100		
58	41.5	45.4	68.2#
57	13.3	16.2	24.4#
100	12.9	10.1	15.1





#51

Chlorobenzene

Concen: 252.978 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV035065.D

Acq: 08 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :

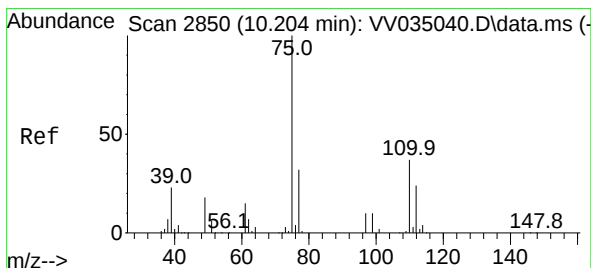
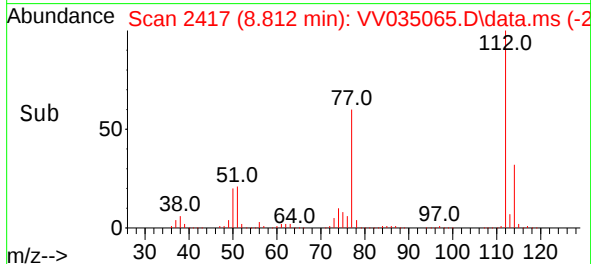
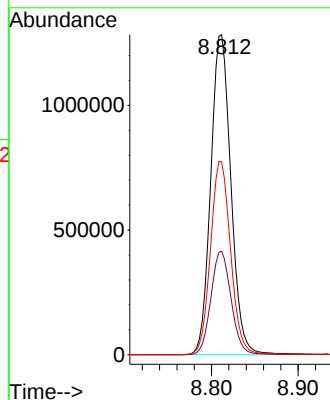
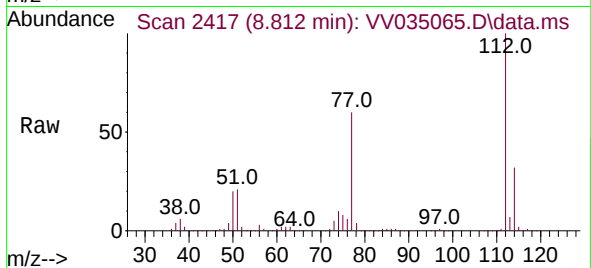
Tgt Ion:112 Resp: 2073723

Ion Ratio Lower Upper

112 100

114 32.3 22.0 41.0

77 60.3 47.4 71.2



#61

1,2,3-Trichloropropane

Concen: 8.488 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.910 min

Lab File: VV035065.D

Acq: 08 Apr 2024 19:27

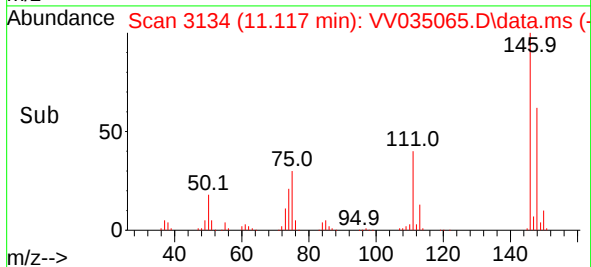
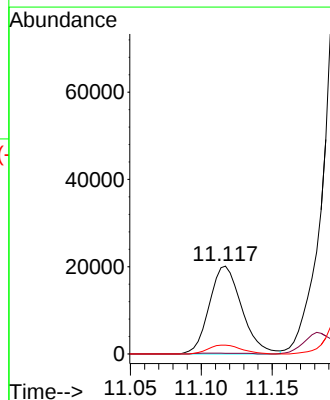
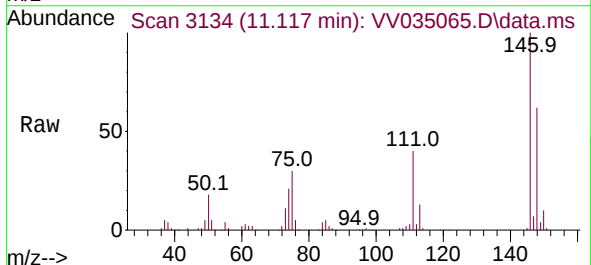
Tgt Ion: 75 Resp: 32050

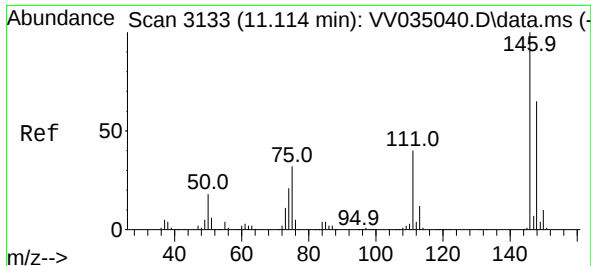
Ion Ratio Lower Upper

75 100

77 0.9 26.0 39.0#

110 10.3 30.5 45.7#





#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 :

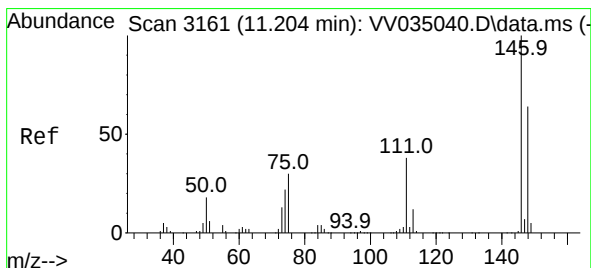
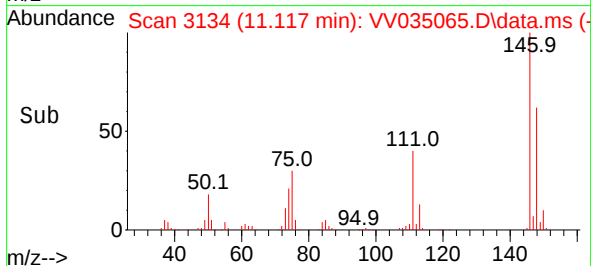
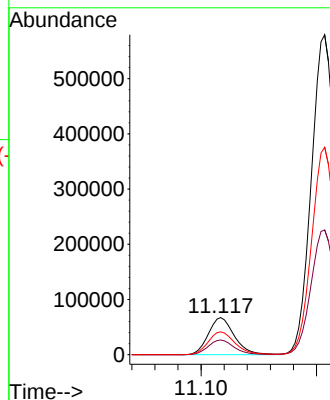
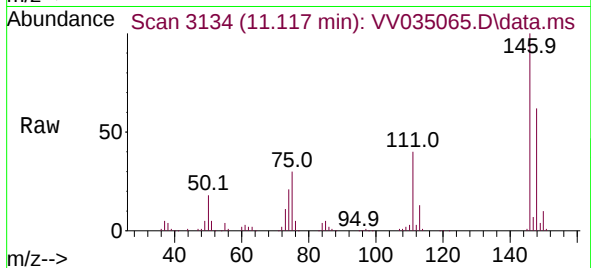
Tgt Ion:146 Resp: 104976

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

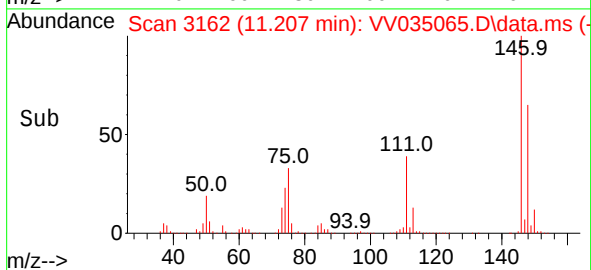
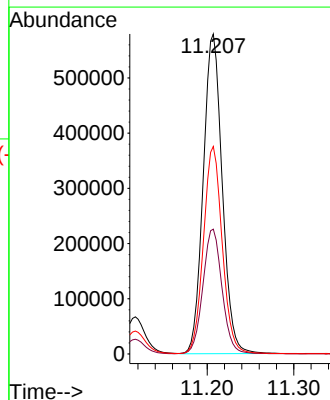
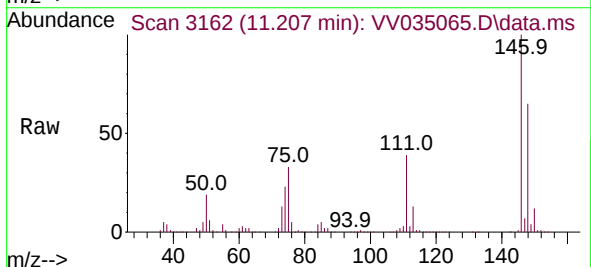
Tgt Ion:146 Resp: 880341

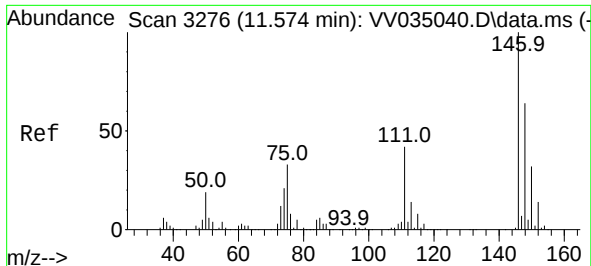
Ion Ratio Lower Upper

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

Instrument :

MSVOA_V

ClientSampleId :

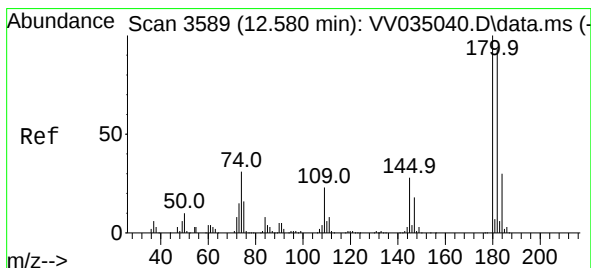
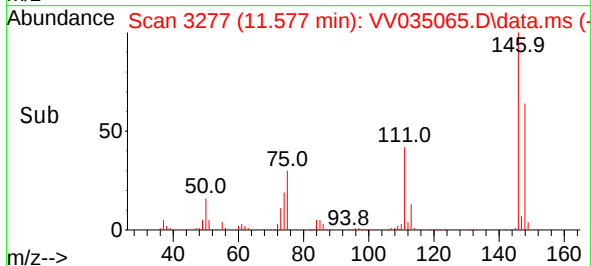
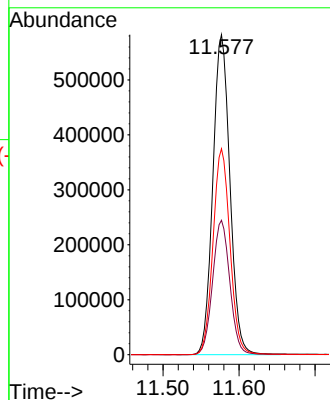
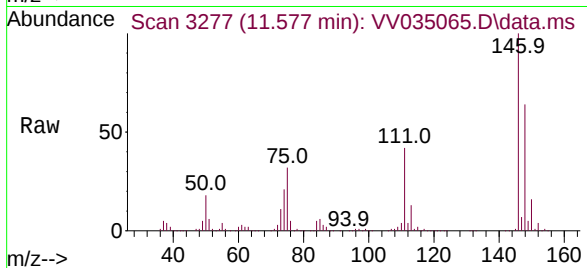
Tgt Ion:146 Resp: 906258

Ion Ratio Lower Upper

146 100

111 42.0 34.6 52.0

148 64.4 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 38.196 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035065.D

Acq: 08 Apr 2024 19:27

Tgt Ion:180 Resp: 161602

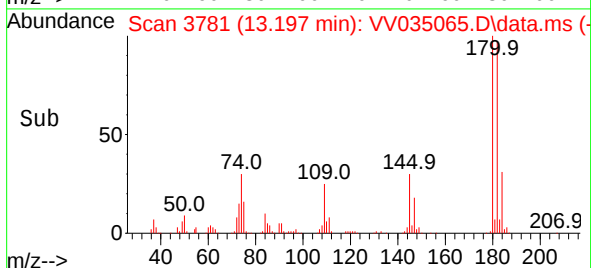
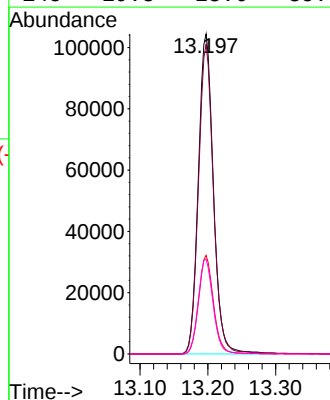
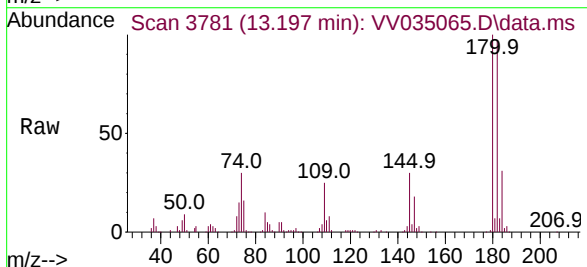
Ion Ratio Lower Upper

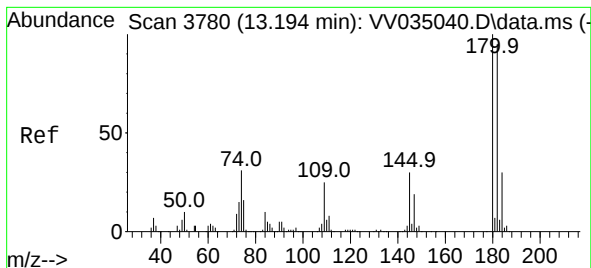
180 100

182 95.6 74.7 112.1

184 30.2 24.0 36.0

145 29.3 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 41.582 ug/L

RT: 13.197 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035065.D

Acq: 08 Apr 2024 19:27

Instrument :

MSVOA_V

ClientSampleId :

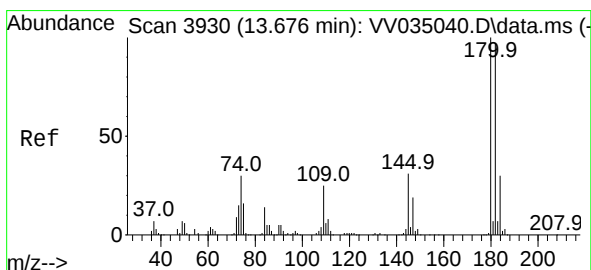
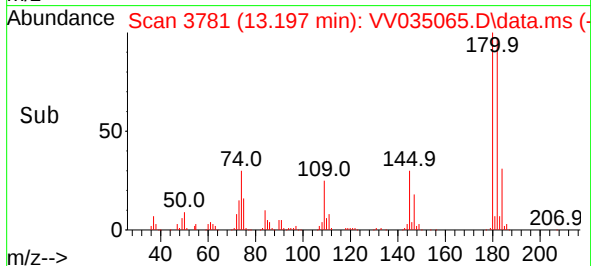
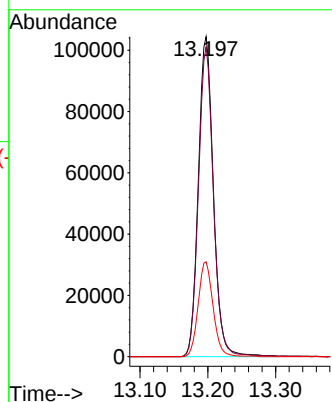
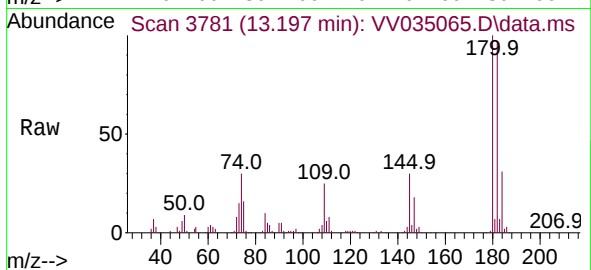
Tgt Ion:180 Resp: 161602

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

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

