

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035370.D
 Acq On : 23 Apr 2024 19:01
 Operator : SY/MD
 Sample : P2158-12DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:31:58 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

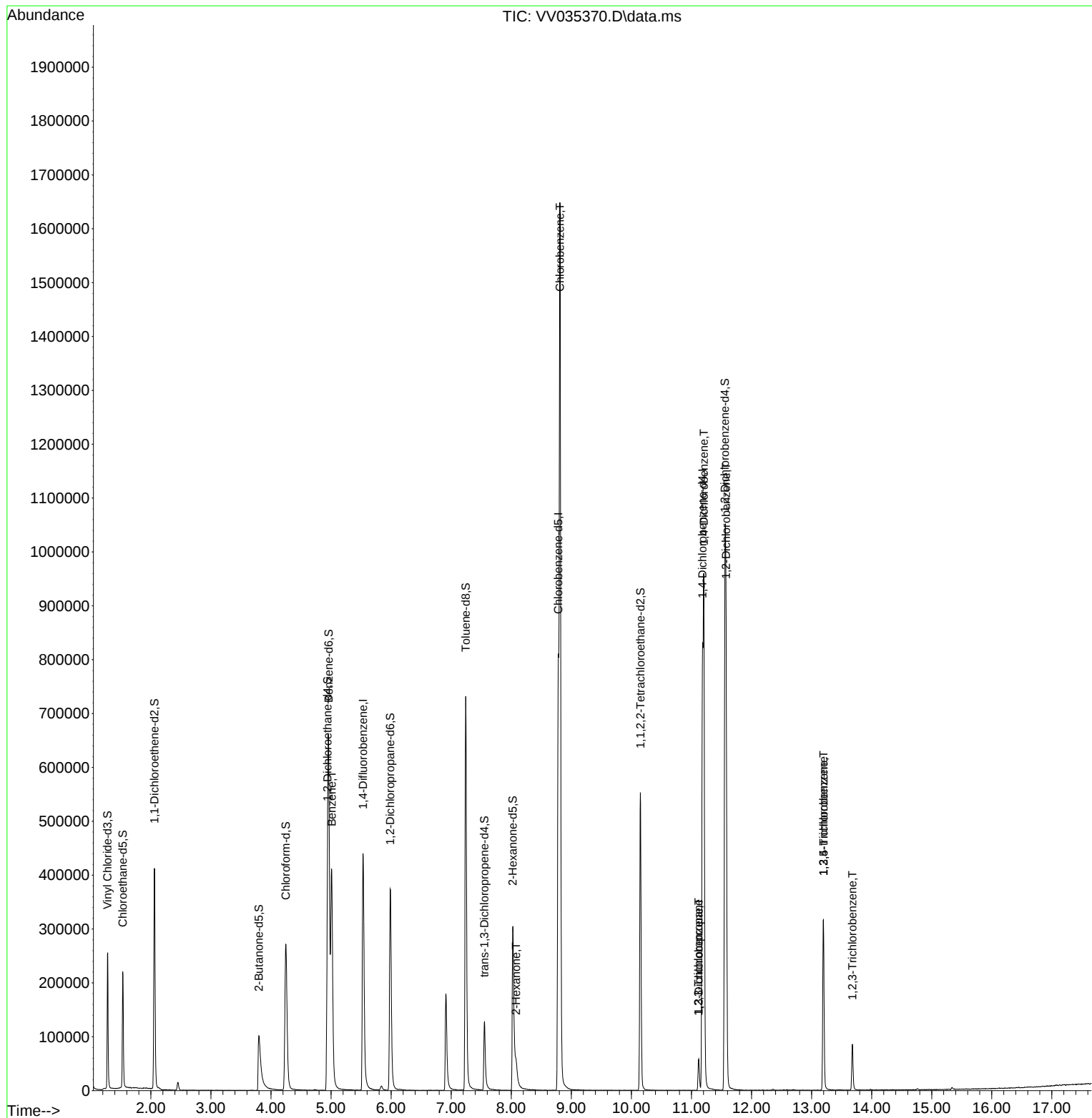
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	402570	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	406333	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	194416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	166850	42.916	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.840%	
7) Chloroethane-d5	1.532	69	140741	41.678	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	83.360%	
11) 1,1-Dichloroethene-d2	2.059	65	70112	41.140	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.280%	
21) 2-Butanone-d5	3.799	46	195623	84.840	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.840%	
24) Chloroform-d	4.246	84	305126	46.679	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.360%	
26) 1,2-Dichloroethane-d4	4.940	65	187191	45.105	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.220%	
32) Benzene-d6	4.960	84	599452	43.919	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.840%	
36) 1,2-Dichloropropane-d6	5.985	67	193634	44.676	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.360%	
41) Toluene-d8	7.243	98	510223	41.508	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.020%	
43) trans-1,3-Dichloroprop...	7.554	79	82287	39.053	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.100%	
47) 2-Hexanone-d5	8.024	63	107947	65.874	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	65.870%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	272202	45.606	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.220%	
66) 1,2-Dichlorobenzene-d4	11.557	152	218051	49.954	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.900%	
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	441759	33.340	ug/L	100
48) 2-Hexanone	8.082	43	29859	7.509	ug/L	97
51) Chlorobenzene	8.812	112	896346	99.698	ug/L	98
61) 1,2,3-Trichloropropane	11.117	75	7417	1.761	ug/L #	50
64) 1,3-Dichlorobenzene	11.120	146	25792	3.938	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	363188	54.527	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	310075	47.522	ug/L	97
69) 1,3,5-Trichlorobenzene	13.197	180	101924	21.592	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	101924	23.506	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26752	6.259	ug/L	97

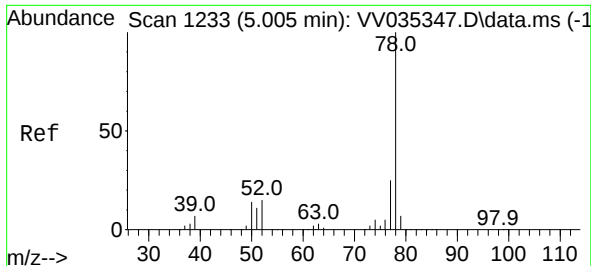
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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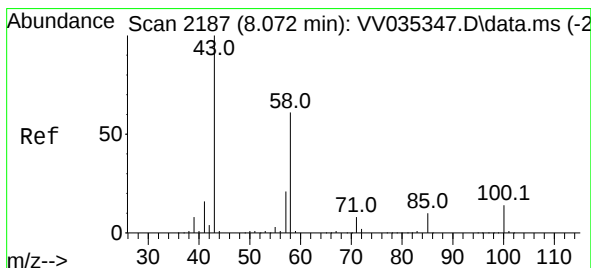
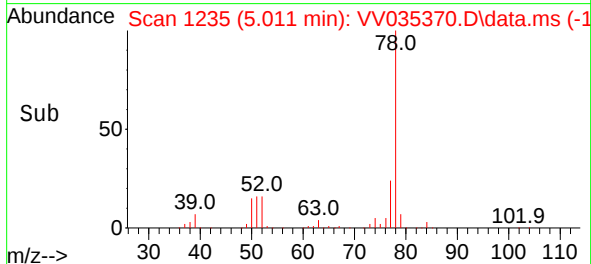
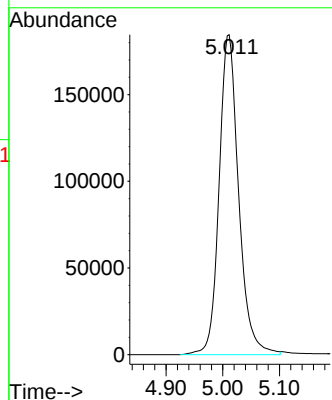
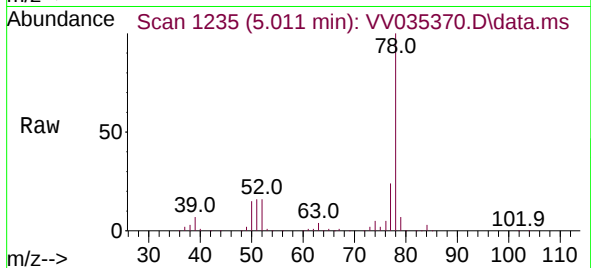




#33
Benzene
Concen: 33.340 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV035370.D
Acq: 23 Apr 2024 19:01

Instrument :
MSVOA_V
ClientSampleId :

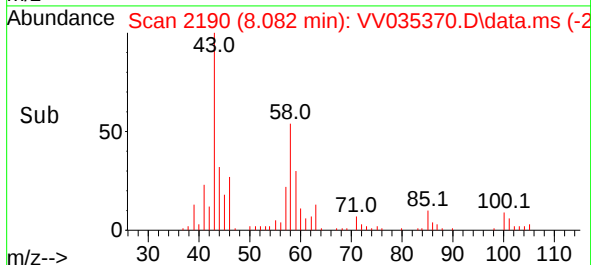
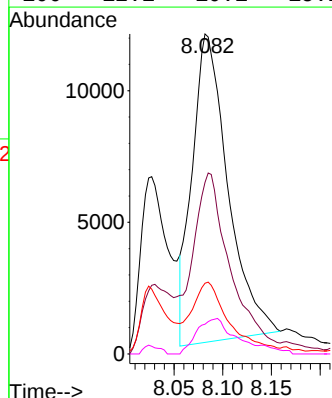
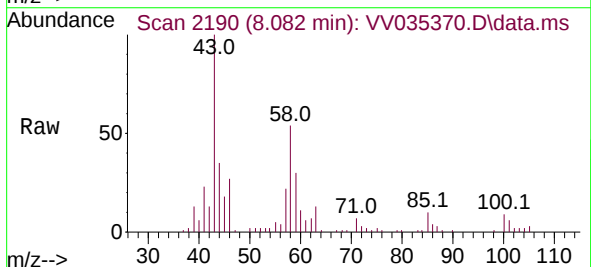
Tgt Ion: 78 Resp: 441759

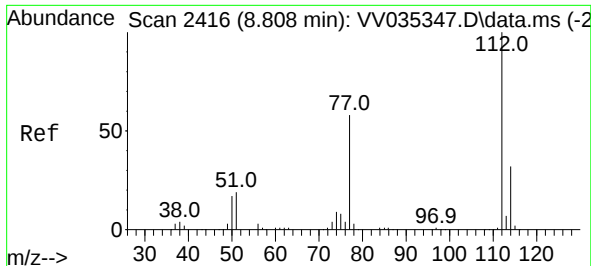


#48
2-Hexanone
Concen: 7.509 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.010 min
Lab File: VV035370.D
Acq: 23 Apr 2024 19:01

Tgt Ion: 43 Resp: 29859

Ion	Ratio	Lower	Upper
43	100		
58	54.7	45.4	68.2
57	22.4	16.2	24.4
100	12.1	10.1	15.1





#51

Chlorobenzene

Concen: 99.698 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

Instrument :

MSVOA_V

ClientSampleId :

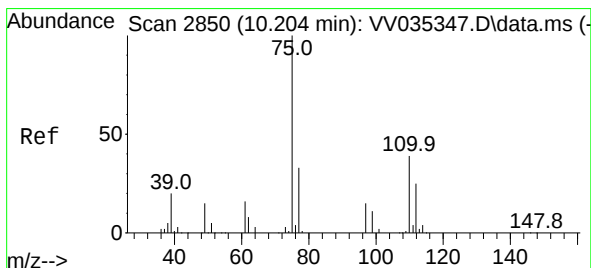
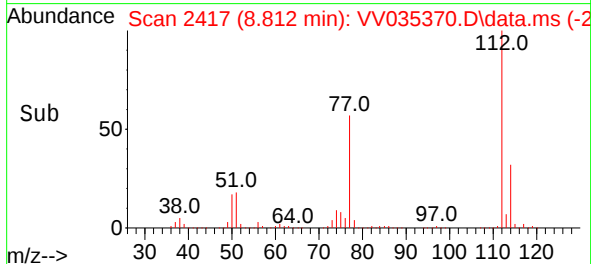
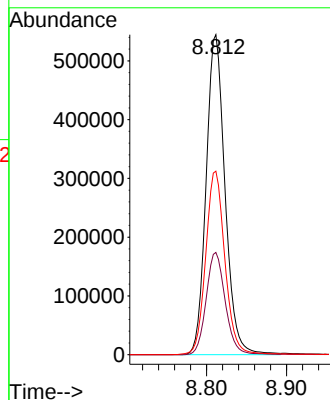
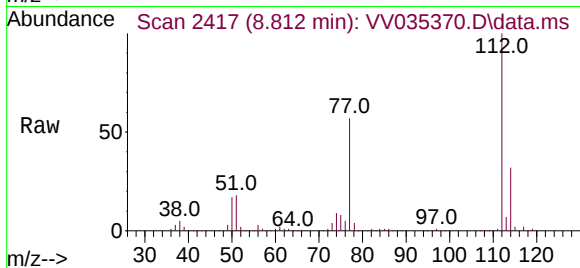
Tgt Ion:112 Resp: 896346

Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 57.4 47.4 71.2



#61

1,2,3-Trichloropropane

Concen: 1.761 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.913 min

Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

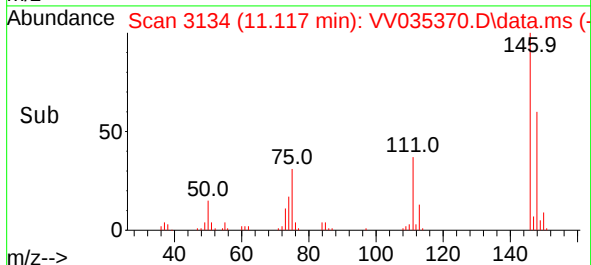
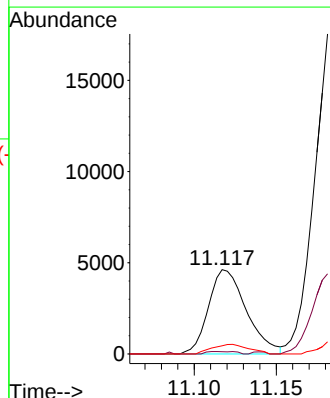
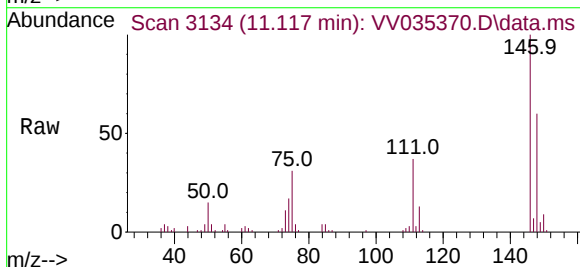
Tgt Ion: 75 Resp: 7417

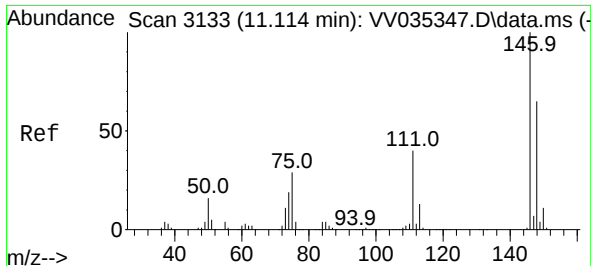
Ion Ratio Lower Upper

75 100

77 1.6 26.0 39.0#

110 11.0 30.5 45.7#





#64

1,3-Dichlorobenzene

Concen: 3.938 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

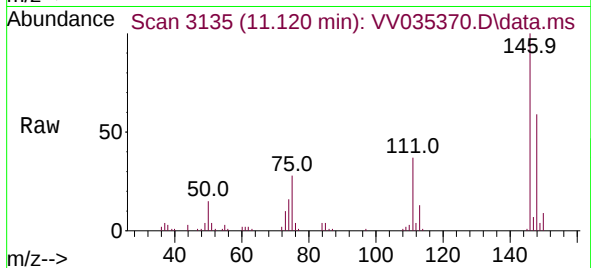
Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

Instrument :

MSVOA_V

ClientSampleId :



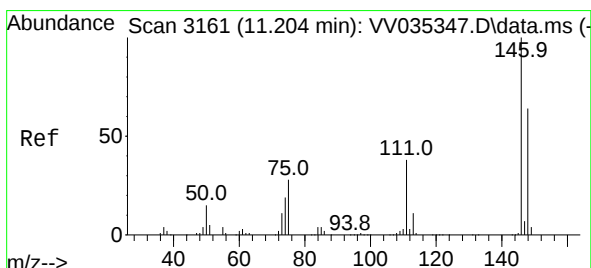
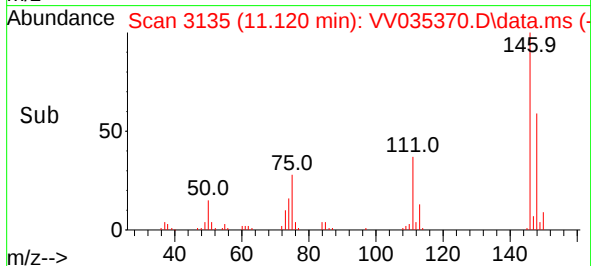
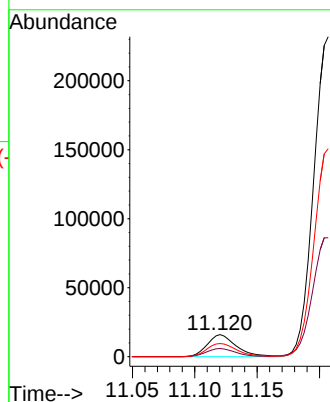
Tgt Ion:146 Resp: 25792

Ion Ratio Lower Upper

146 100

111 37.0 28.7 53.3

148 59.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 54.527 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

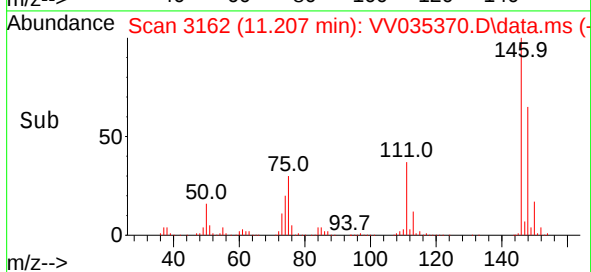
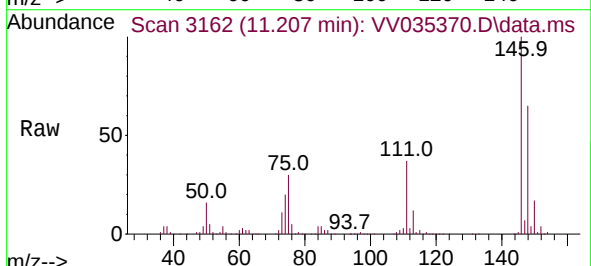
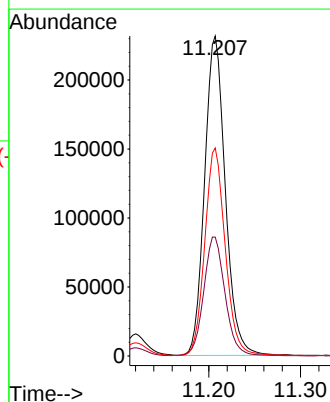
Tgt Ion:146 Resp: 363188

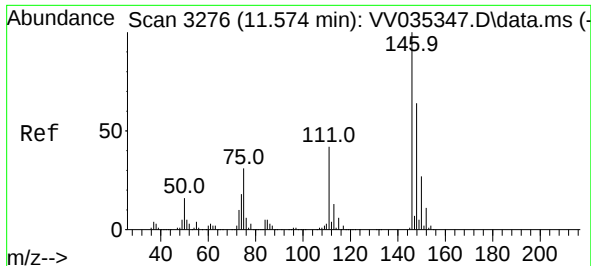
Ion Ratio Lower Upper

146 100

111 37.2 27.4 50.8

148 65.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 47.522 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

Instrument :

MSVOA_V

ClientSampleId :

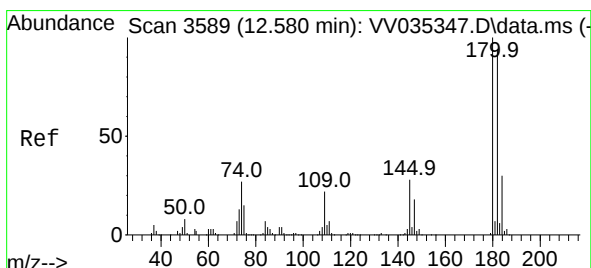
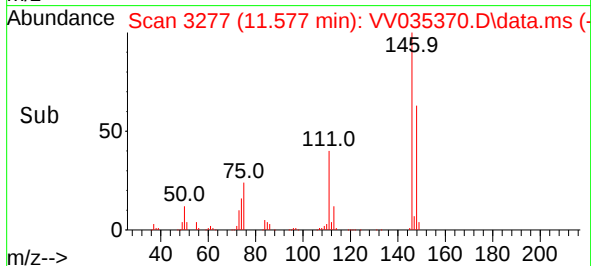
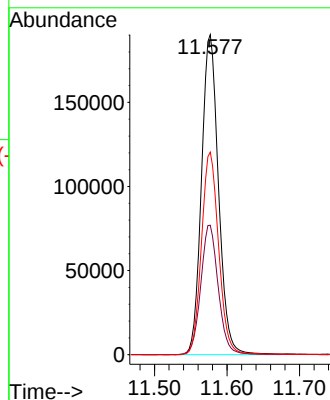
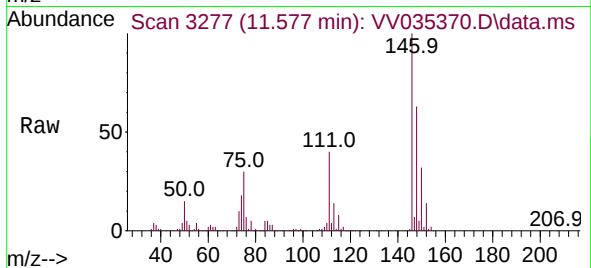
Tgt Ion:146 Resp: 310075

Ion Ratio Lower Upper

146 100

111 40.5 34.6 52.0

148 63.3 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 21.592 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

Tgt Ion:180 Resp: 101924

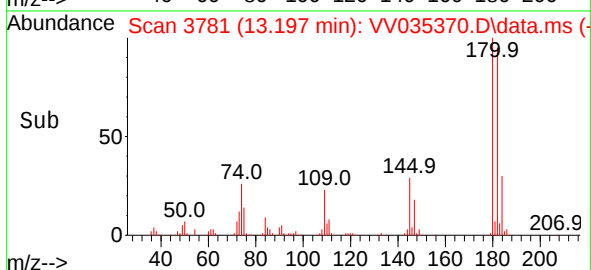
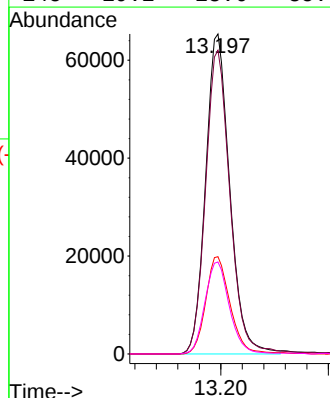
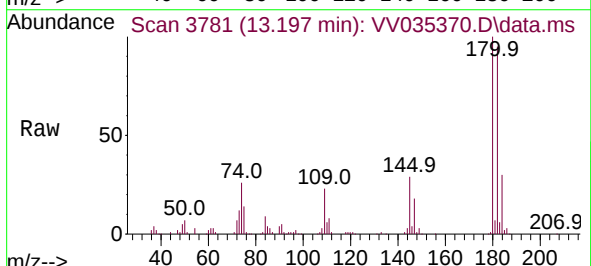
Ion Ratio Lower Upper

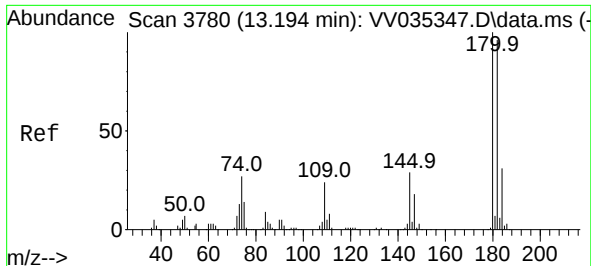
180 100

182 94.9 74.7 112.1

184 30.5 24.0 36.0

145 29.2 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 23.506 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

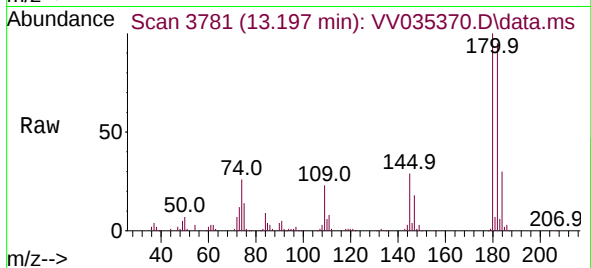
Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

Instrument :

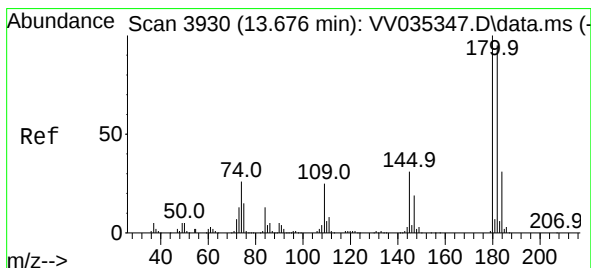
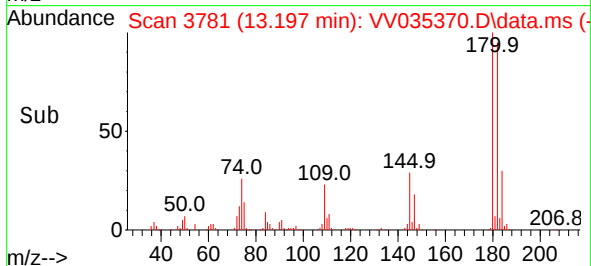
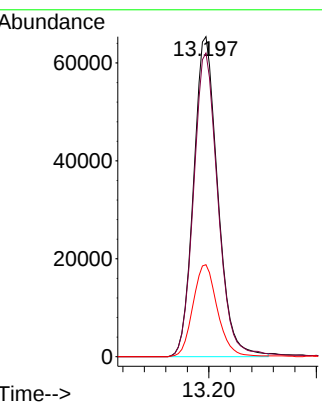
MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 101924

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.6	113.4
145	29.2	24.1	36.1



#72

1,2,3-Trichlorobenzene

Concen: 6.259 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035370.D

Acq: 23 Apr 2024 19:01

Tgt Ion:180 Resp: 26752

Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.2	114.2
145	31.4	25.8	38.6

