

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035088.D
 Acq On : 09 Apr 2024 17:27
 Operator : SY/MD
 Sample : P2006-13 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

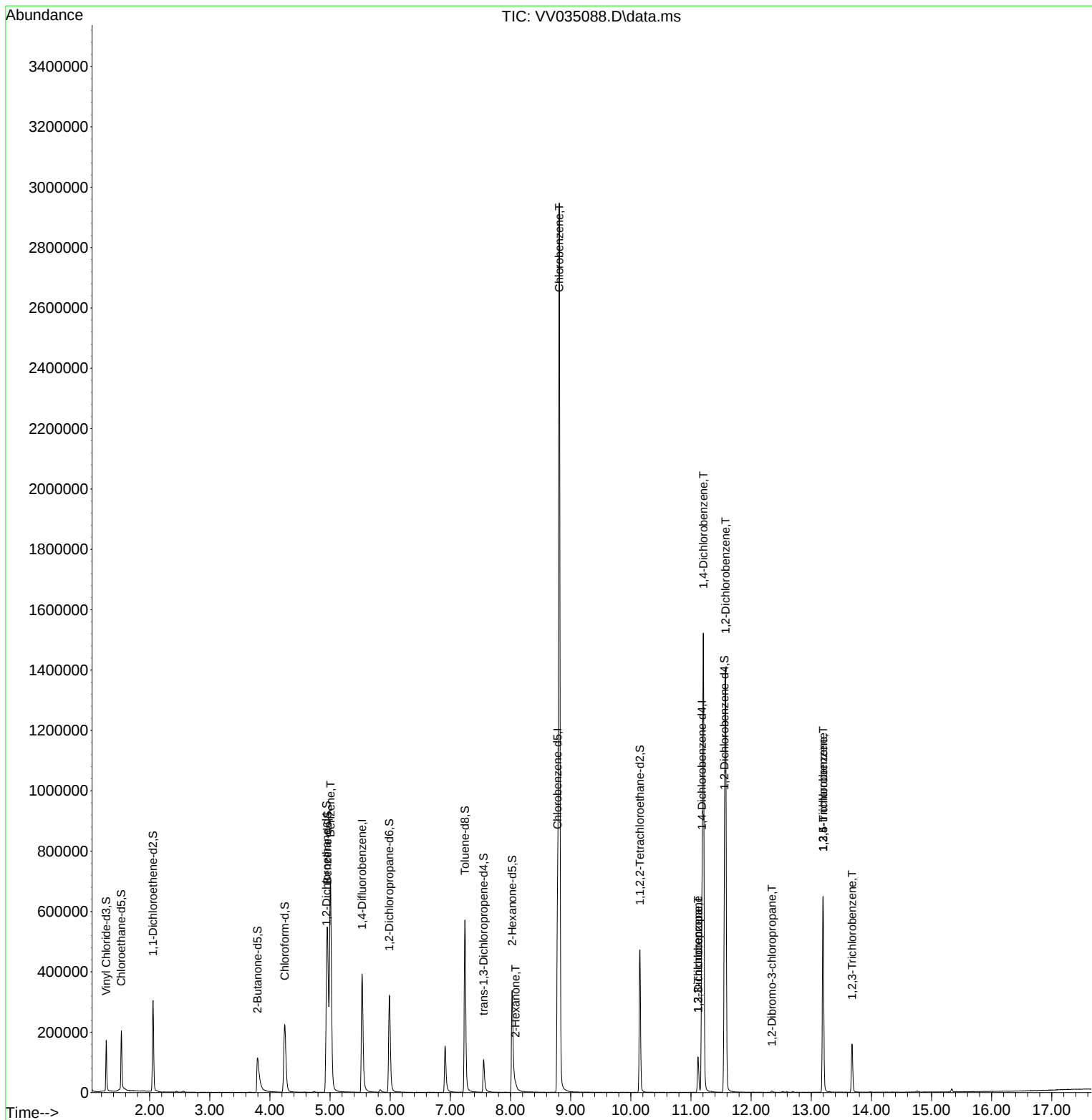
Quant Time: Apr 10 04:58:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

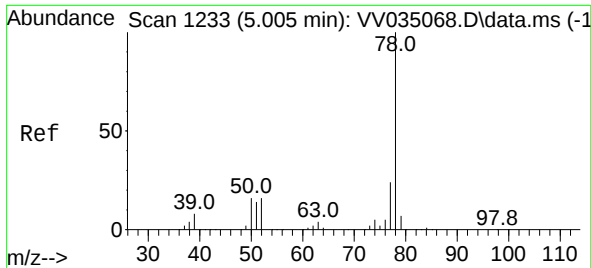
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	341706	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	327717	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	146977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	108915	33.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.000%
7) Chloroethane-d5	1.529	69	122169	42.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	2.056	65	51759	35.780	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.560%
21) 2-Butanone-d5	3.793	46	208490	106.525	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.530%
24) Chloroform-d	4.246	84	241385	43.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
26) 1,2-Dichloroethane-d4	4.941	65	161358	45.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
32) Benzene-d6	4.957	84	469388	42.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.280%
36) 1,2-Dichloropropane-d6	5.986	67	161074	46.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.160%
41) Toluene-d8	7.243	98	390183	39.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.720%#
43) trans-1,3-Dichloroprop...	7.555	79	67922	39.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.940%
47) 2-Hexanone-d5	8.027	63	116847	88.411	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.410%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	228238	47.414	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.820%
66) 1,2-Dichlorobenzene-d4	11.558	152	155469	47.112	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.220%
Target Compounds						Qvalue
33) Benzene	5.008	78	726488	67.983	ug/L	100
48) 2-Hexanone	8.085	43	12726	3.968	ug/L #	75
51) Chlorobenzene	8.812	112	1518265	209.383	ug/L	99
61) 1,2,3-Trichloropropane	11.120	75	14398	4.521	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	48631	9.821	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	573471	113.887	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	489860	99.309	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.345	75	1138	1.297	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.198	180	195078	54.664	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	195078	59.510	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	49054	15.181	ug/L	99

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

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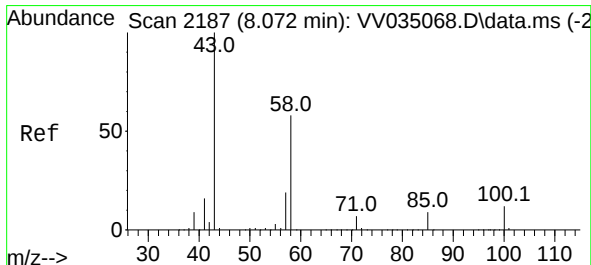
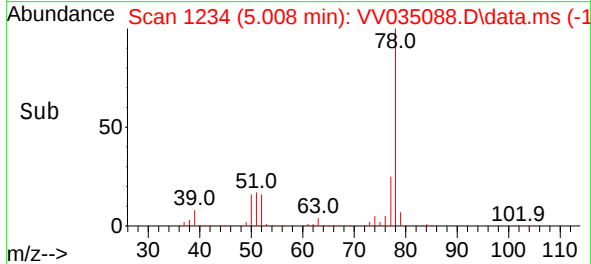
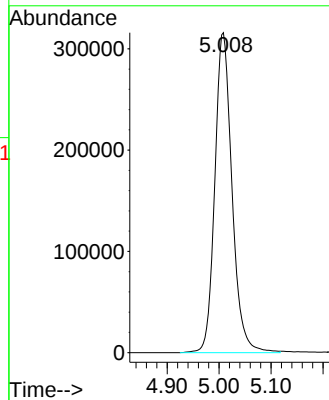
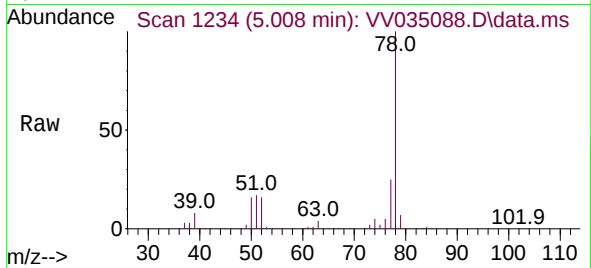




#33
Benzene
Concen: 67.983 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035088.D
Acq: 09 Apr 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

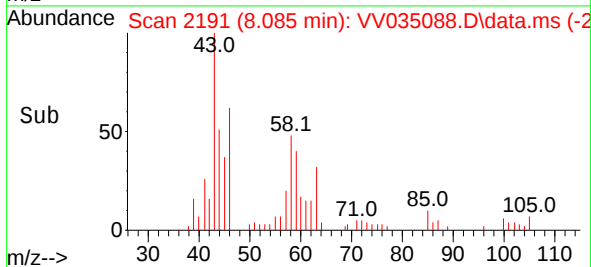
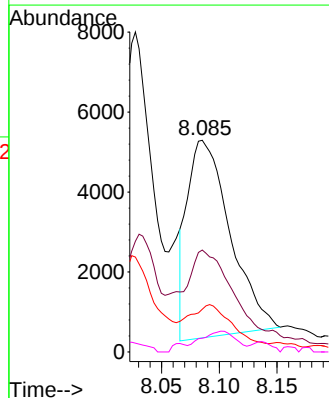
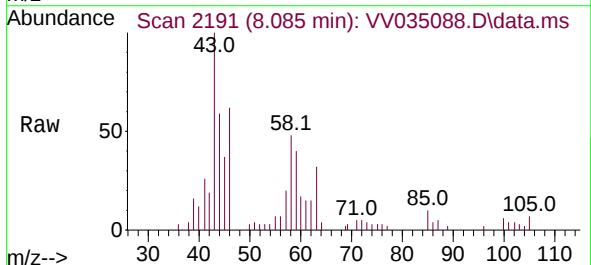
Tgt Ion: 78 Resp: 726488

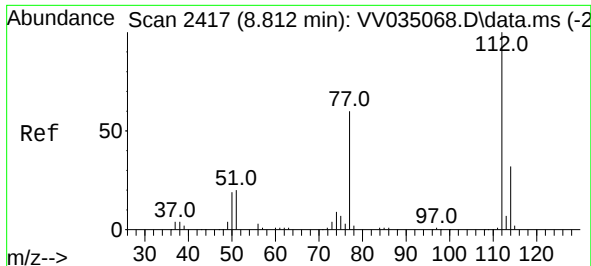


#48
2-Hexanone
Concen: 3.968 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV035088.D
Acq: 09 Apr 2024 17:27

Tgt Ion: 43 Resp: 12726

Ion	Ratio	Lower	Upper
43	100		
58	41.1	45.4	68.2#
57	0.0	16.2	24.4#
100	8.6	10.1	15.1#





#51

Chlorobenzene

Concen: 209.383 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

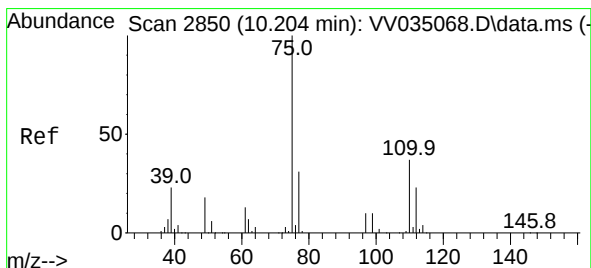
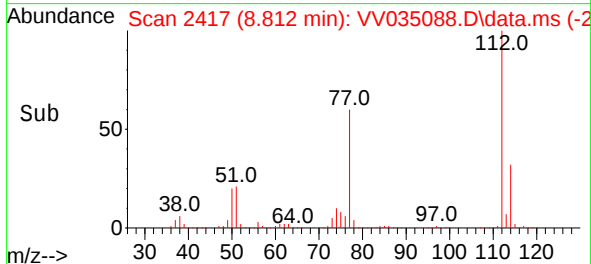
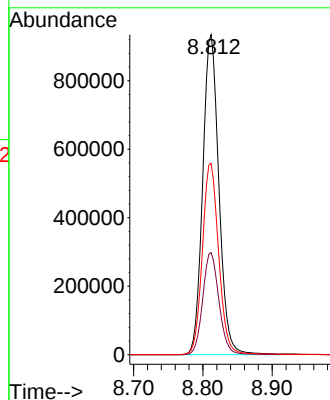
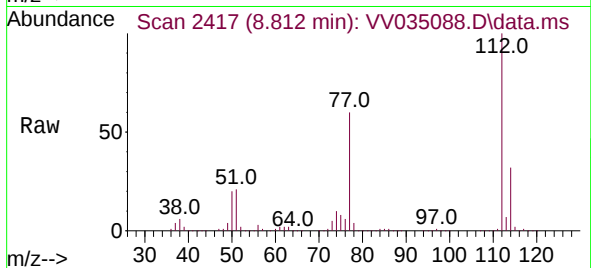
Tgt Ion:112 Resp: 1518265

Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 59.8 47.4 71.2



#61

1,2,3-Trichloropropane

Concen: 4.521 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.916 min

Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

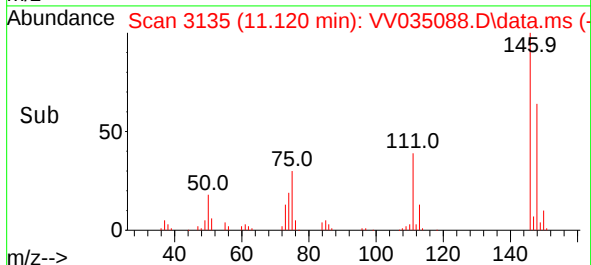
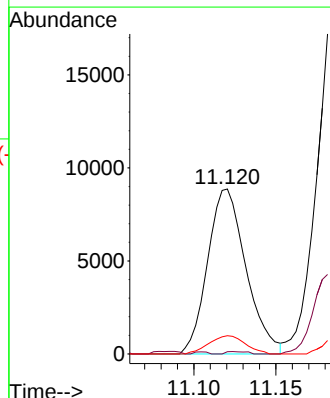
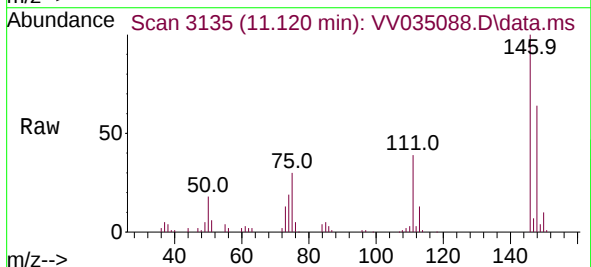
Tgt Ion: 75 Resp: 14398

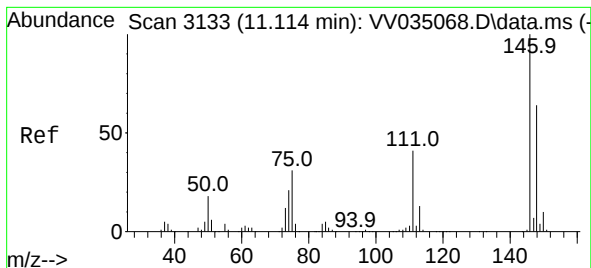
Ion Ratio Lower Upper

75 100

77 0.6 26.0 39.0#

110 10.5 30.5 45.7#





#64

1,3-Dichlorobenzene

Concen: 9.821 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

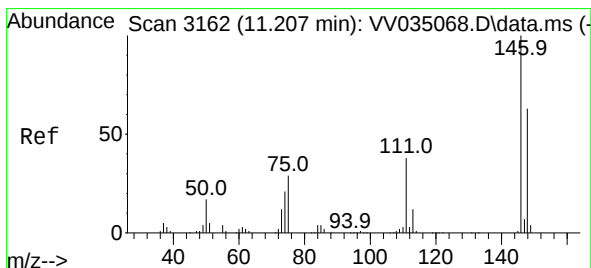
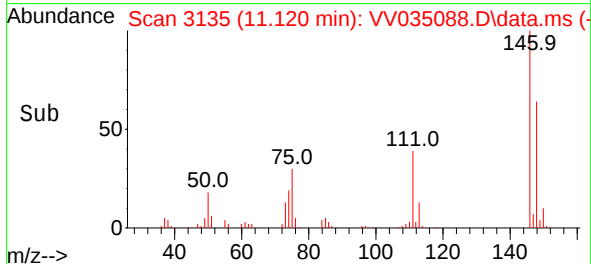
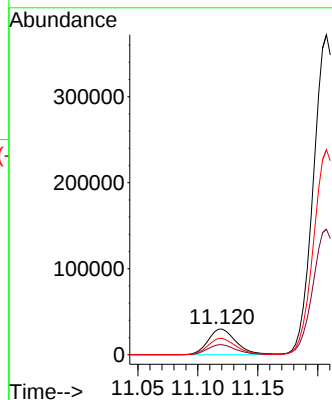
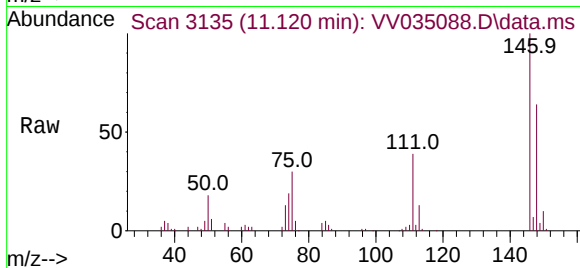
Tgt Ion:146 Resp: 48631

Ion Ratio Lower Upper

146 100

111 38.9 28.7 53.3

148 63.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 113.887 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

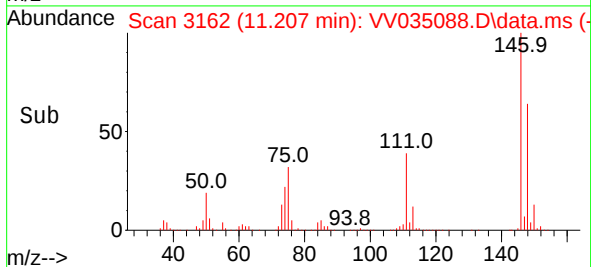
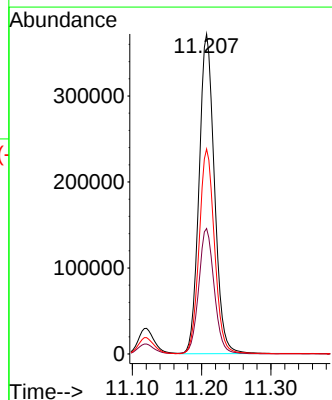
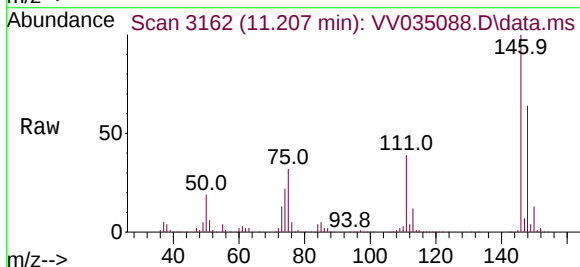
Tgt Ion:146 Resp: 573471

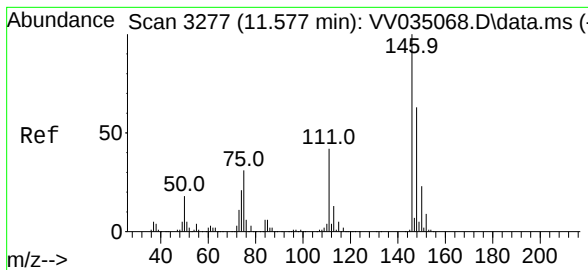
Ion Ratio Lower Upper

146 100

111 39.2 27.4 50.8

148 64.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 99.309 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

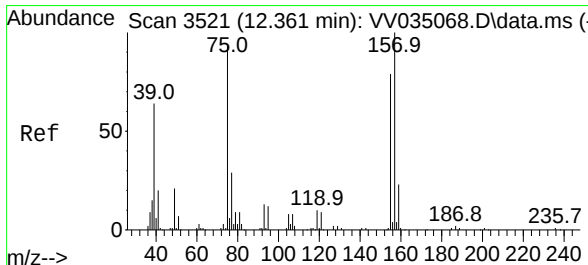
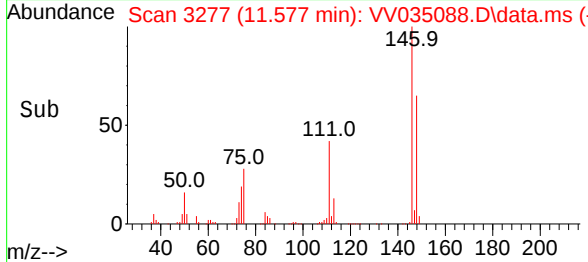
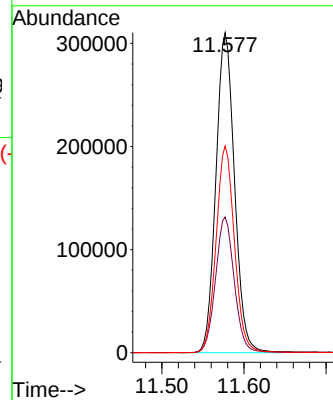
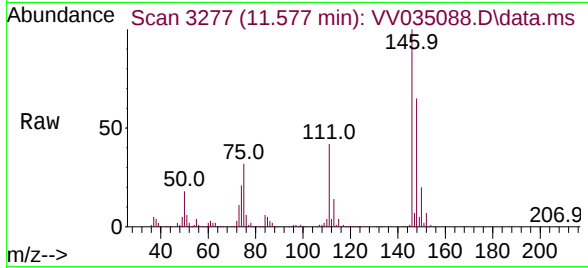
Tgt Ion:146 Resp: 489860

Ion Ratio Lower Upper

146 100

111 42.4 34.6 52.0

148 64.6 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 1.297 ug/L

RT: 12.345 min Scan# 3516

Delta R.T. -0.016 min

Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

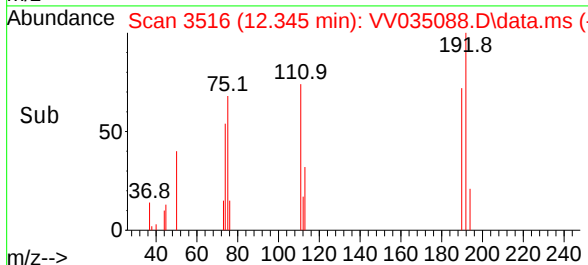
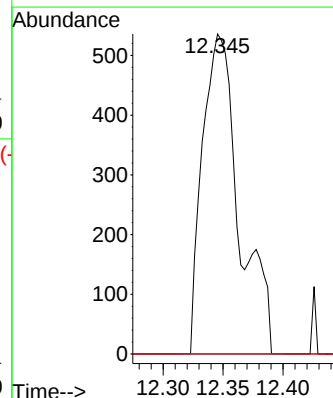
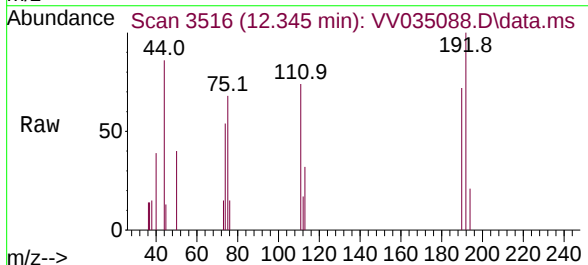
Tgt Ion: 75 Resp: 1138

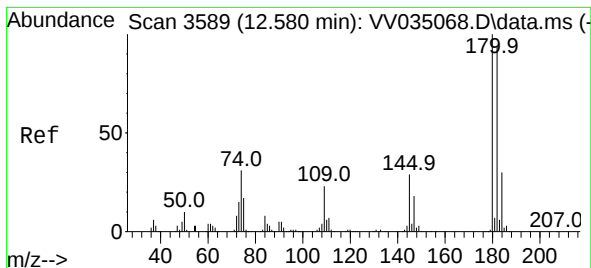
Ion Ratio Lower Upper

75 100

155 0.0 63.0 94.6#

157 0.0 81.0 121.4#





#69

1,3,5-Trichlorobenzene

Concen: 54.664 ug/L

RT: 13.198 min Scan# 3

Delta R.T. 0.617 min

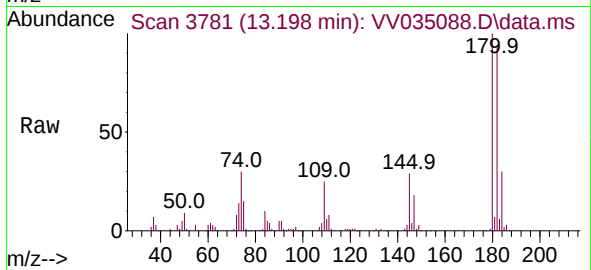
Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 195078

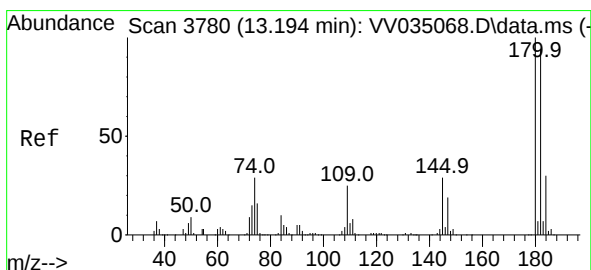
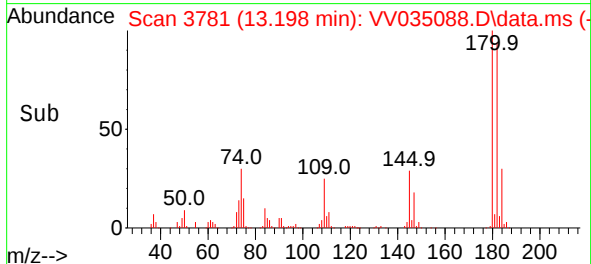
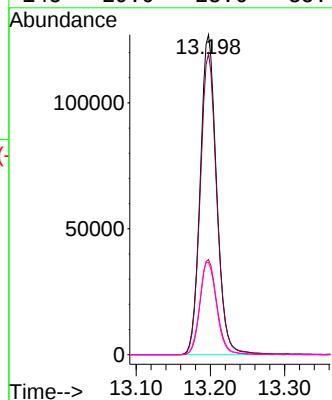
Ion Ratio Lower Upper

180 100

182 95.1 74.7 112.1

184 30.4 24.0 36.0

145 29.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 59.510 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

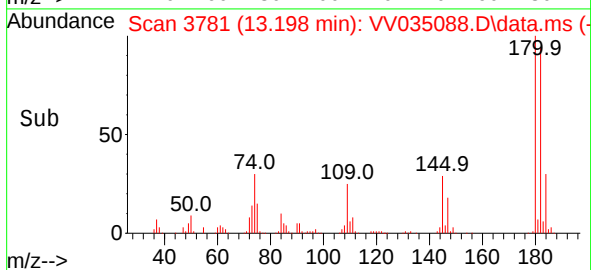
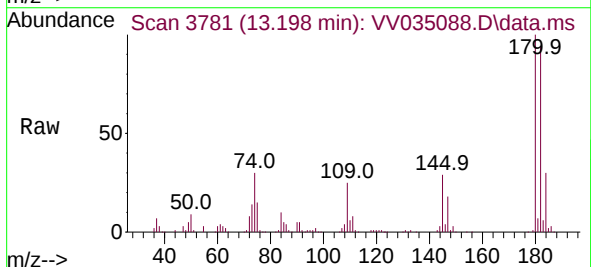
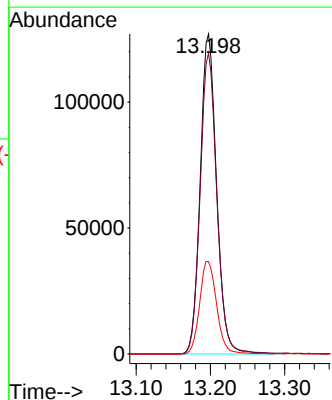
Tgt Ion:180 Resp: 195078

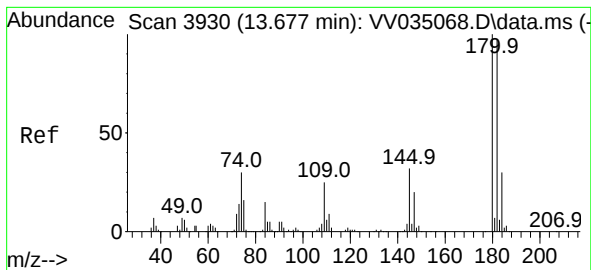
Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 29.9 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 15.181 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

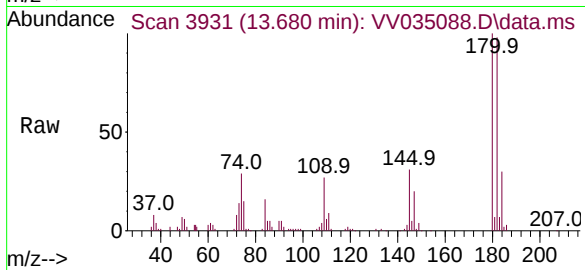
Lab File: VV035088.D

Acq: 09 Apr 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 49054

Ion Ratio Lower Upper

180 100

182 96.5 76.2 114.2

145 31.2 25.8 38.6

