

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035481.D
 Acq On : 29 Apr 2024 19:21
 Operator : SY/MD
 Sample : P2279-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:15:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

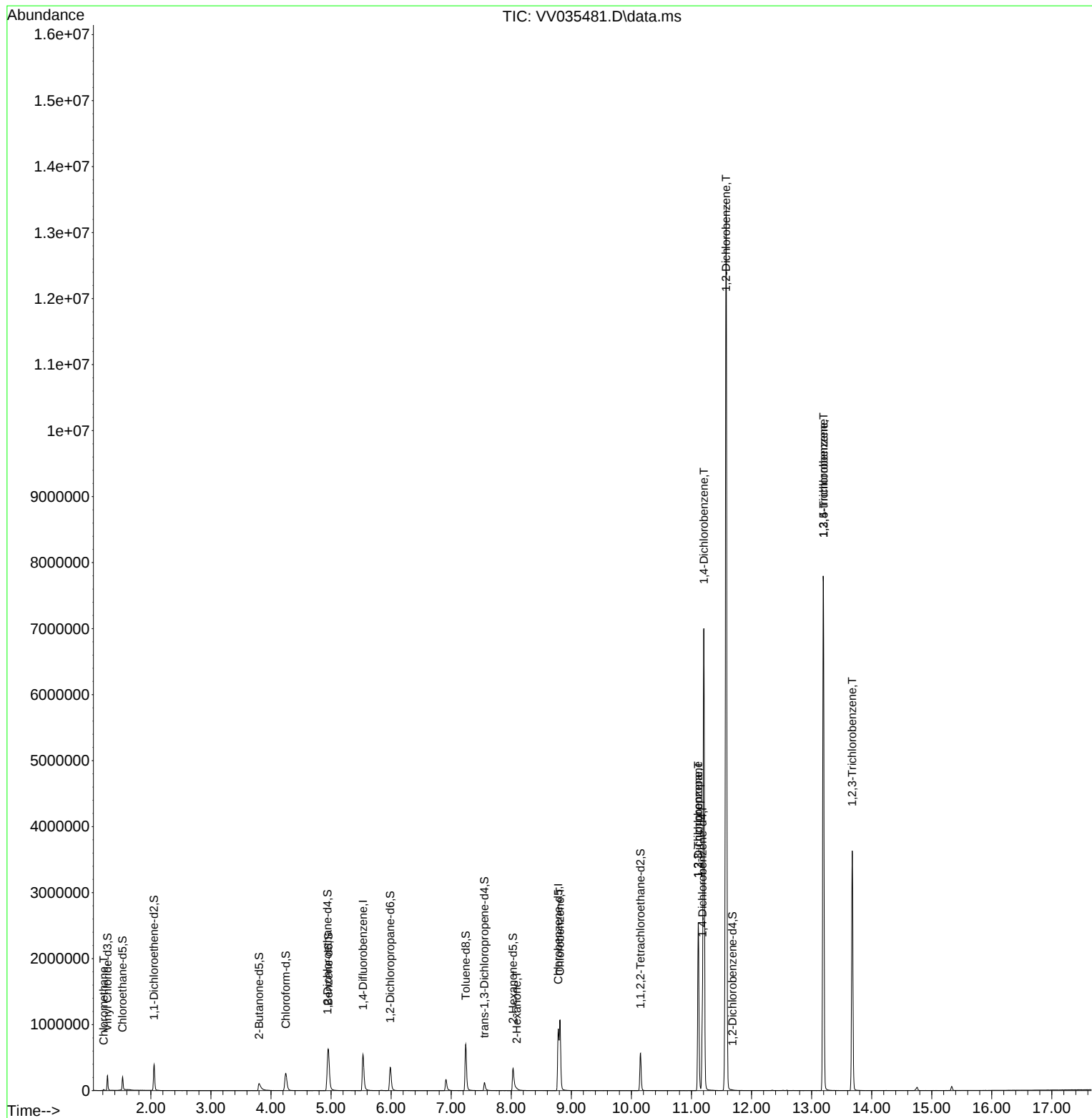
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	491835	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	498014	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	269042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150283	38.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.040%
7) Chloroethane-d5	1.529	69	126750	55.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.940%
11) 1,1-Dichloroethene-d2	2.053	65	66933	41.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
21) 2-Butanone-d5	3.802	46	203705	100.556	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.560%
24) Chloroform-d	4.246	84	293625	44.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.300%
26) 1,2-Dichloroethane-d4	4.940	65	183052	47.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.500%
32) Benzene-d6	4.957	84	579527	44.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	5.985	67	185265	45.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.760%
41) Toluene-d8	7.243	98	489876	41.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.060%
43) trans-1,3-Dichloroprop...	7.554	79	77600	41.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.160%
47) 2-Hexanone-d5	8.030	63	124404	106.870	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.870%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	281767	48.959	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	11.686	152	111	0.024	ug/L	0.13
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.040%#
Target Compounds						Qvalue
3) Chloromethane	1.214	50	8514	2.320	ug/L	99
48) 2-Hexanone	8.091	43	17790	4.710	ug/L #	85
51) Chlorobenzene	8.812	112	585940	59.504	ug/L	99
61) 1,2,3-Trichloropropane	11.114	75	291512	57.887	ug/L #	50
64) 1,3-Dichlorobenzene	11.114	146	1023739	128.033	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	2773090	330.646	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	5230040	645.580	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	2328478	411.004	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	2328478	517.738	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	1119229	255.399	ug/L	100

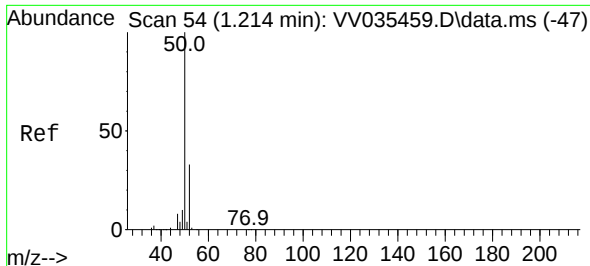
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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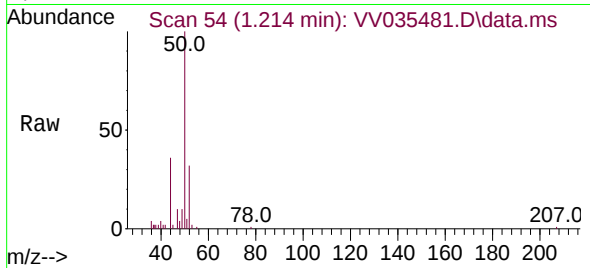
Quant Time: Apr 30 02:15:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 02:09:05 2024
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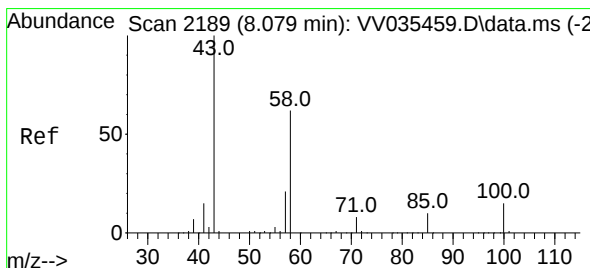
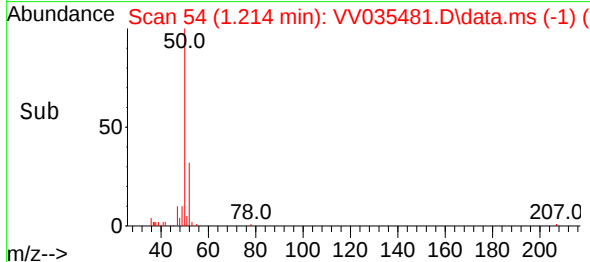
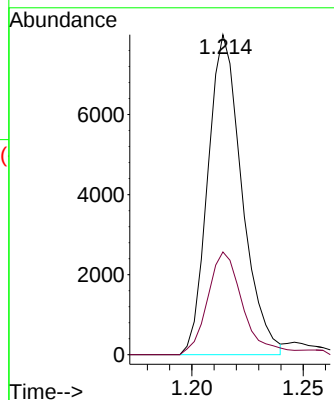


#3
Chloromethane
Concen: 2.320 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV035481.D
Acq: 29 Apr 2024 19:21

Instrument :
MSVOA_V
ClientSampleId :

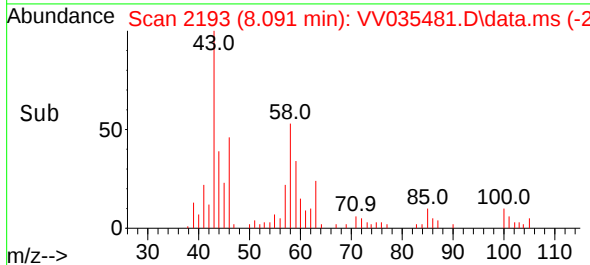
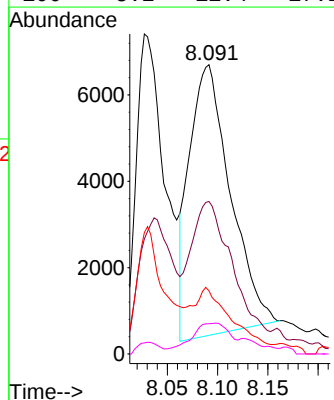
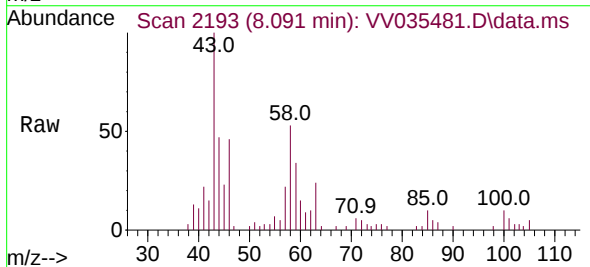


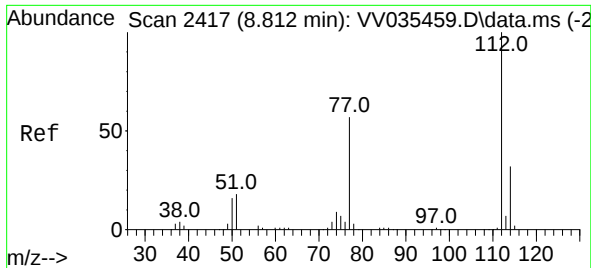
Tgt Ion: 50 Resp: 8514
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.8



#48
2-Hexanone
Concen: 4.710 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.013 min
Lab File: VV035481.D
Acq: 29 Apr 2024 19:21

Tgt Ion: 43 Resp: 17790
Ion Ratio Lower Upper
43 100
58 49.1 49.4 74.0#
57 16.1 17.1 25.7#
100 8.2 11.4 17.2#





#51

Chlorobenzene

Concen: 59.504 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035481.D

Acq: 29 Apr 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

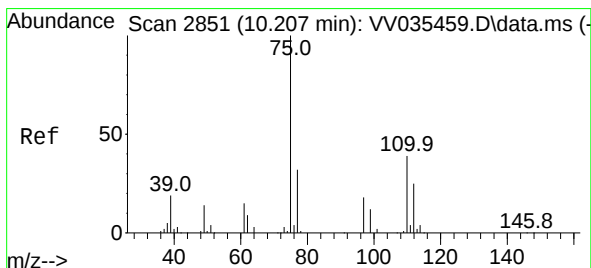
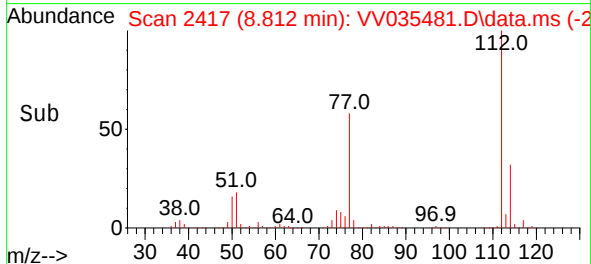
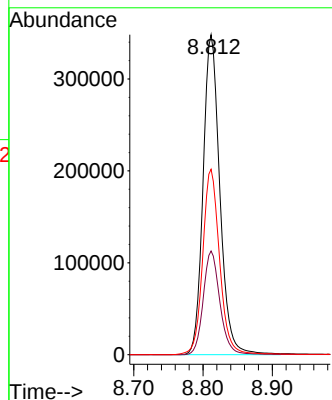
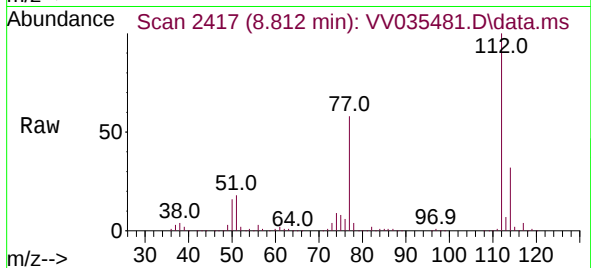
Tgt Ion:112 Resp: 585940

Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 57.9 45.6 68.4



#61

1,2,3-Trichloropropane

Concen: 57.887 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.907 min

Lab File: VV035481.D

Acq: 29 Apr 2024 19:21

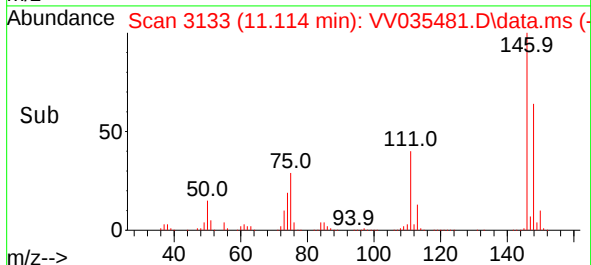
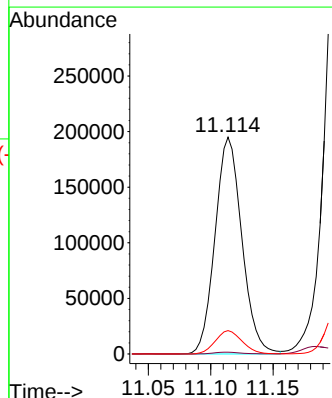
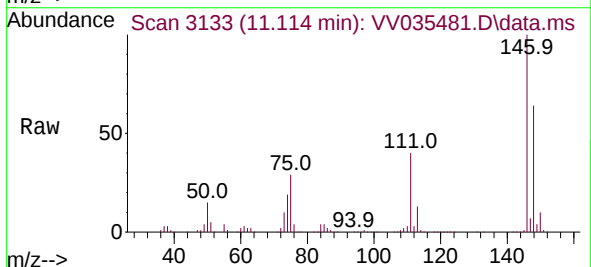
Tgt Ion: 75 Resp: 291512

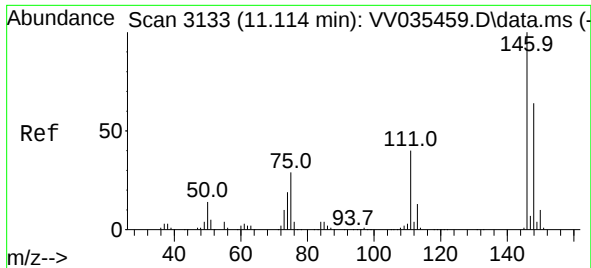
Ion Ratio Lower Upper

75 100

77 0.9 25.3 37.9#

110 10.8 31.2 46.8#

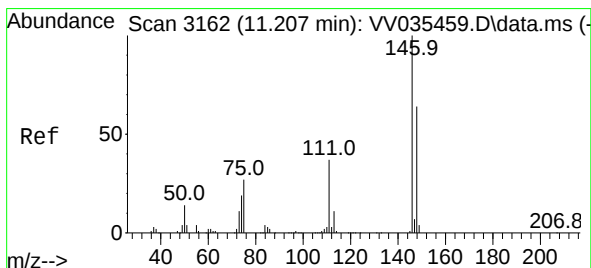
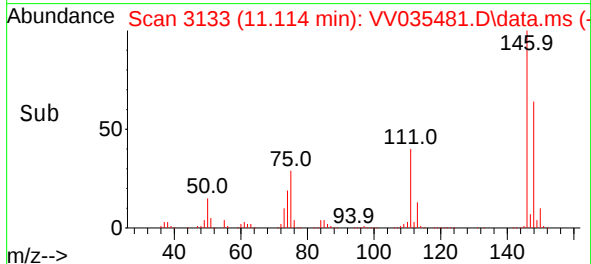
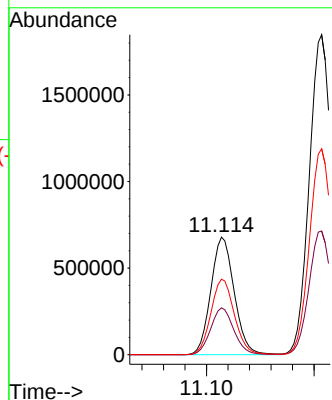
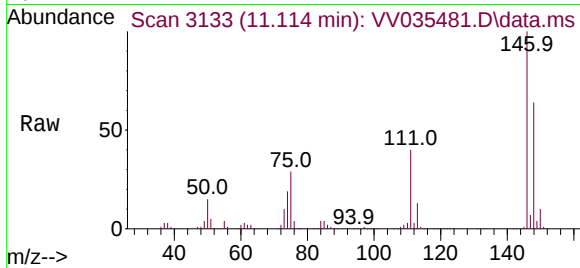




#64
 1,3-Dichlorobenzene
 Concen: 128.033 ug/L
 RT: 11.114 min Scan# 3133
 Delta R.T. -0.000 min
 Lab File: VV035481.D
 Acq: 29 Apr 2024 19:21

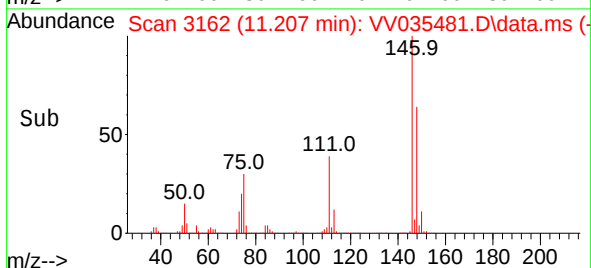
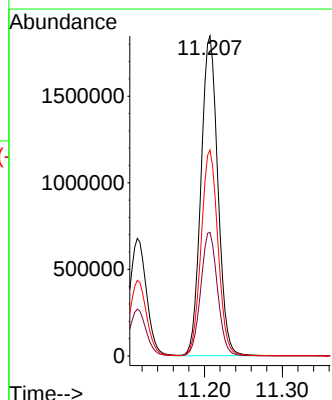
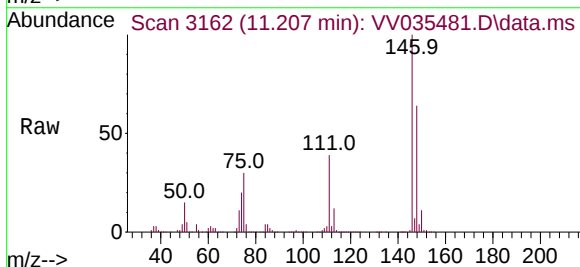
Instrument :
 MSVOA_V
 ClientSampleId :

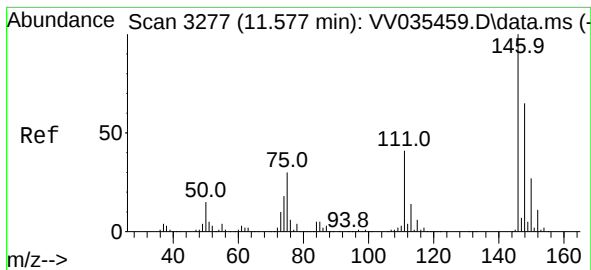
Tgt Ion:146 Resp: 1023739
 Ion Ratio Lower Upper
 146 100
 111 39.8 27.0 50.2
 148 64.3 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 330.646 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VV035481.D
 Acq: 29 Apr 2024 19:21

Tgt Ion:146 Resp: 2773090
 Ion Ratio Lower Upper
 146 100
 111 38.6 26.5 49.1
 148 64.4 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 645.580 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035481.D

Acq: 29 Apr 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

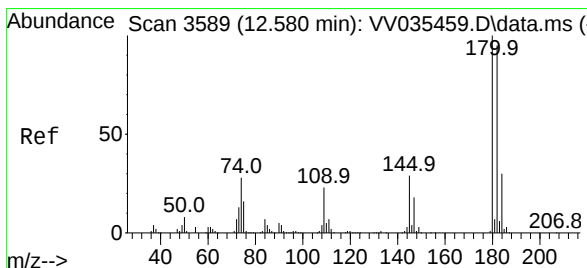
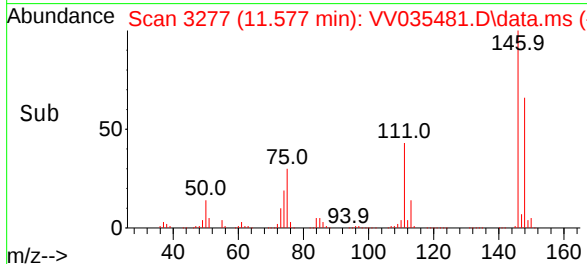
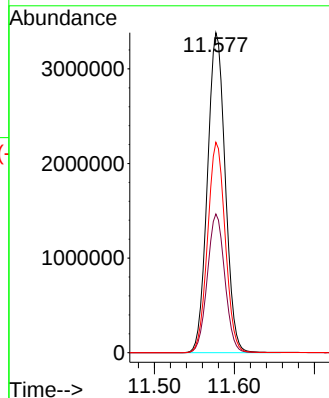
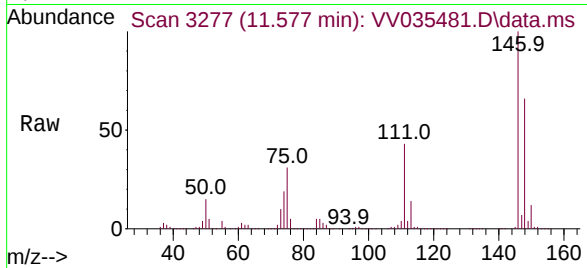
Tgt Ion:146 Resp: 5230040

Ion Ratio Lower Upper

146 100

111 43.4 33.3 49.9

148 65.7 52.2 78.2



#69

1,3,5-Trichlorobenzene

Concen: 411.004 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035481.D

Acq: 29 Apr 2024 19:21

Tgt Ion:180 Resp: 2328478

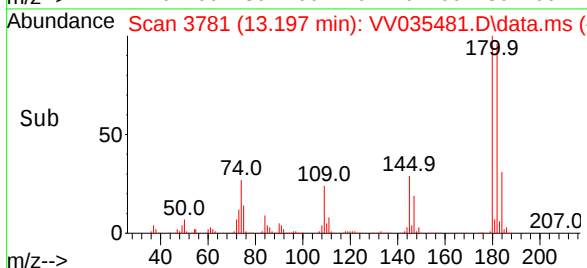
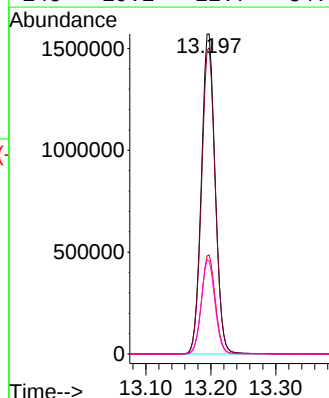
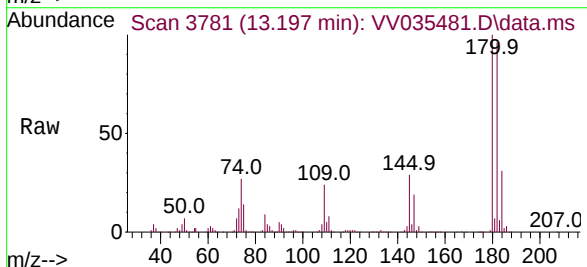
Ion Ratio Lower Upper

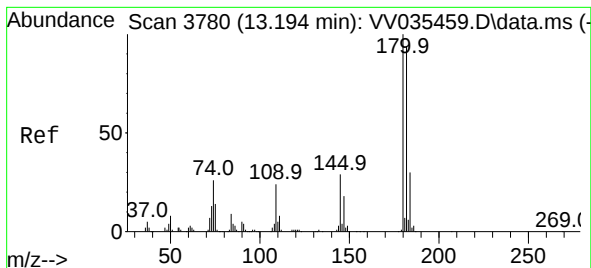
180 100

182 95.5 76.2 114.2

184 30.8 23.8 35.6

145 29.2 22.7 34.1





#70

1,2,4-trichlorobenzene

Concen: 517.738 ug/L

RT: 13.197 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV035481.D

Acq: 29 Apr 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

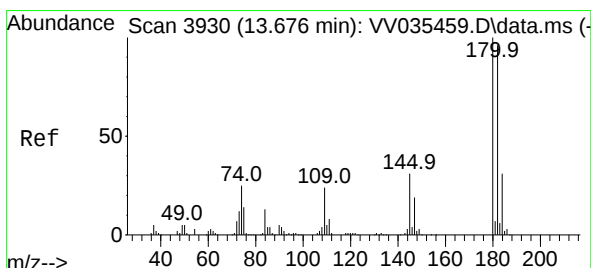
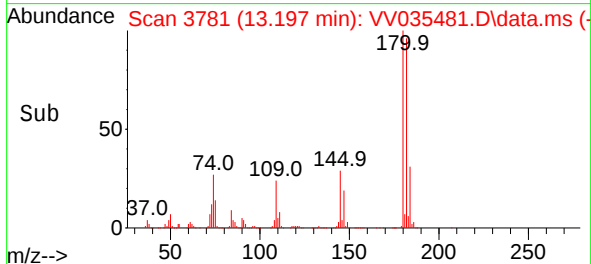
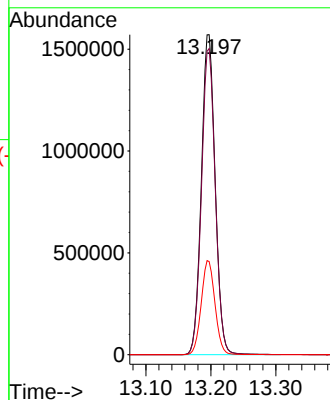
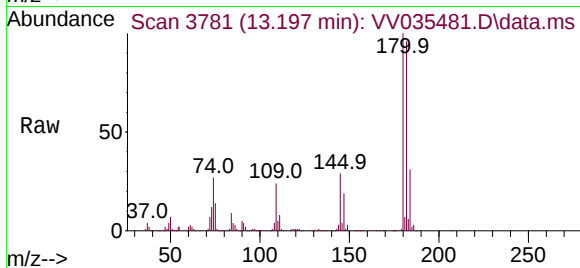
Tgt Ion:180 Resp: 2328478

Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

145 29.2 23.2 34.8



#72

1,2,3-Trichlorobenzene

Concen: 255.399 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035481.D

Acq: 29 Apr 2024 19:21

Tgt Ion:180 Resp: 1119229

Ion Ratio Lower Upper

180 100

182 95.6 76.6 115.0

145 31.1 24.7 37.1

