

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035035.D
 Acq On : 06 Apr 2024 03:50
 Operator : SY/MD
 Sample : P2009-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

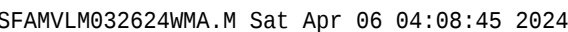
Quant Time: Apr 06 04:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

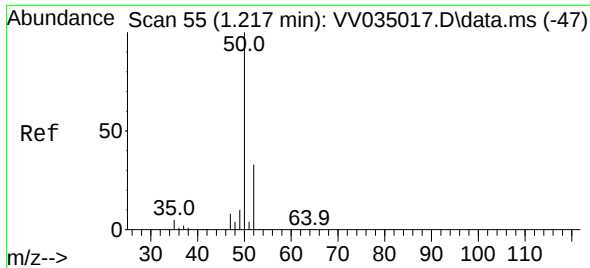
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	380259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	372187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153793	41.879	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.760%		
7) Chloroethane-d5	1.532	69	147084	46.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.220%		
11) 1,1-Dichloroethene-d2	2.060	65	20940	13.008	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	26.020%#		
21) 2-Butanone-d5	3.793	46	175059	80.376	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.380%		
24) Chloroform-d	4.246	84	282967	45.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.660%		
26) 1,2-Dichloroethane-d4	4.941	65	183796	46.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.780%		
32) Benzene-d6	4.957	84	585429	46.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.660%		
36) 1,2-Dichloropropane-d6	5.986	67	190817	48.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.120%		
41) Toluene-d8	7.243	98	515302	45.768	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.540%		
43) trans-1,3-Dichloroprop...	7.551	79	78180	40.508	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.020%		
47) 2-Hexanone-d5	8.024	63	112762	75.126	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.130%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249620	45.660	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.320%		
66) 1,2-Dichlorobenzene-d4	11.558	152	177607	48.559	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.120%		
Target Compounds						Qvalue
3) Chloromethane	1.163	50	2373084	669.779	ug/L #	43
13) Acetone	2.124	43	11075	5.539	ug/L	95
20) cis-1,2-Dichloroethene	3.825	96	6282	2.005	ug/L	90
34) Trichloroethene	5.838	95	30818	9.409	ug/L	98
39) cis-1,3-Dichloropropene	6.912	75	4911	0.929	ug/L #	61
51) Chlorobenzene	8.818	112	20487	2.488	ug/L	94
65) 1,4-Dichlorobenzene	11.211	146	23865	4.276	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	17636	3.226	ug/L	96
69) 1,3,5-Trichlorobenzene	13.201	180	11865	3.000	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	11865	3.266	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	3313	0.925	ug/L	98

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

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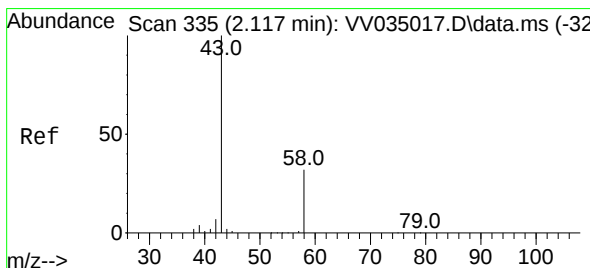
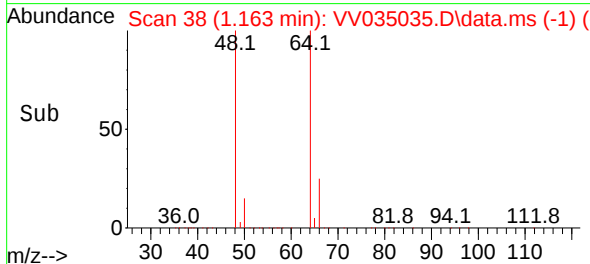
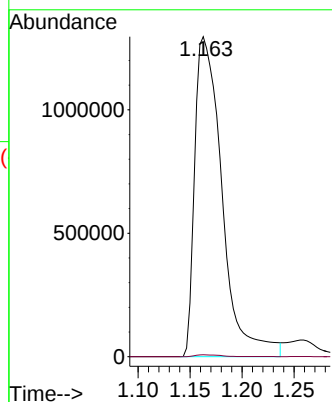
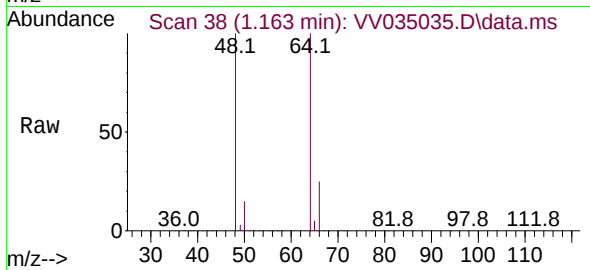




#3
Chloromethane
Concen: 669.779 ug/L
RT: 1.163 min Scan# 31
Delta R.T. -0.055 min
Lab File: VV035035.D
Acq: 06 Apr 2024 03:50

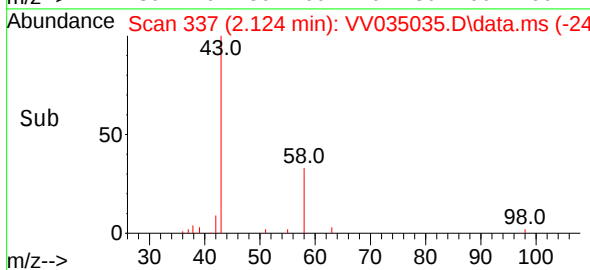
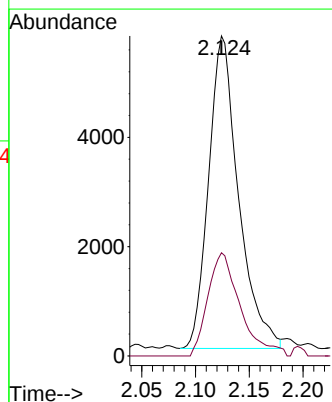
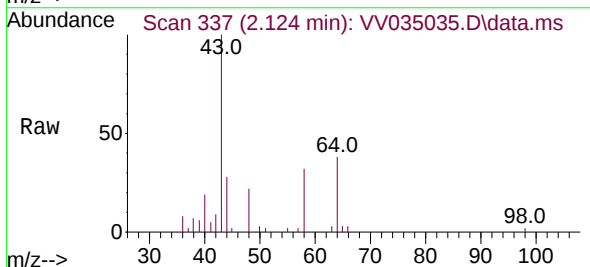
Instrument :
MSVOA_V
ClientSampleId :

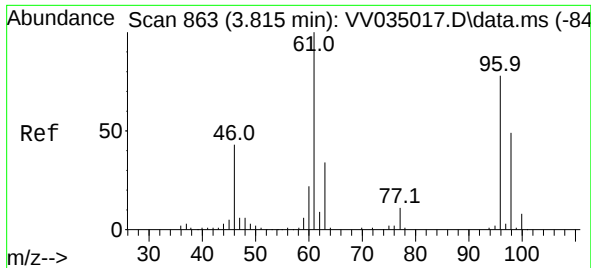
Tgt Ion: 50 Resp: 2373084
Ion Ratio Lower Upper
50 100
52 0.6 23.0 42.8#



#13
Acetone
Concen: 5.539 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV035035.D
Acq: 06 Apr 2024 03:50

Tgt Ion: 43 Resp: 11075
Ion Ratio Lower Upper
43 100
58 35.6 0.0 66.0





#20

cis-1,2-Dichloroethene

Concen: 2.005 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

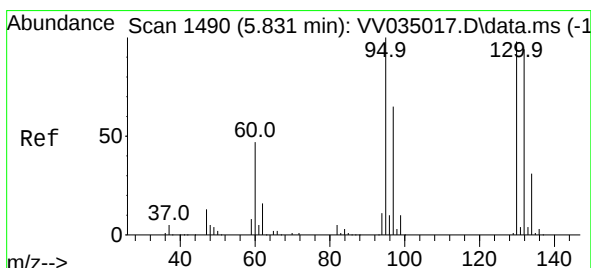
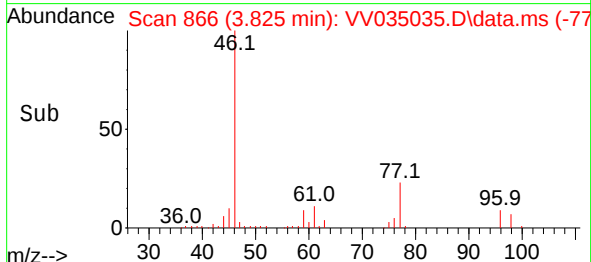
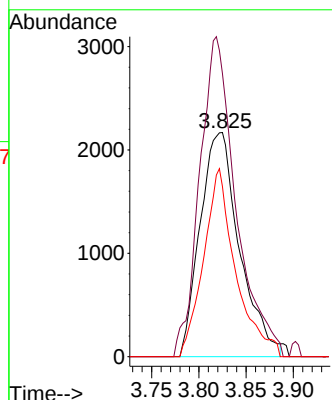
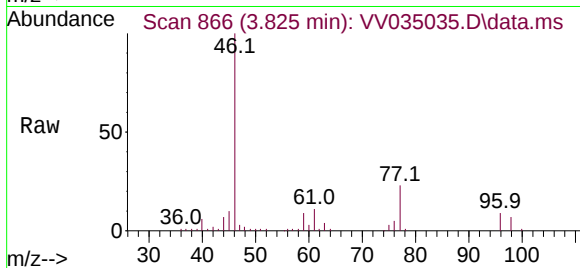
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 6282

Ion	Ratio	Lower	Upper
96	100		
61	126.4	94.9	176.3
98	76.0	45.6	84.8



#34

Trichloroethene

Concen: 9.409 ug/L

RT: 5.838 min Scan# 1492

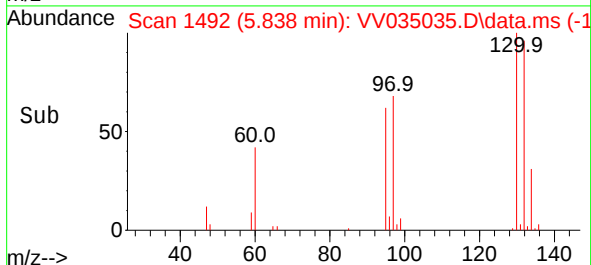
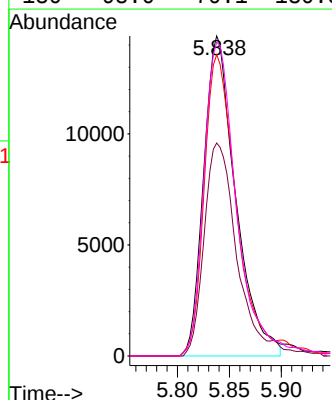
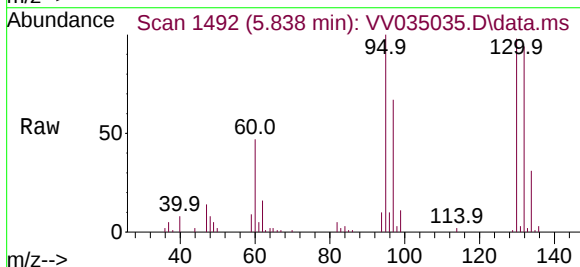
Delta R.T. 0.007 min

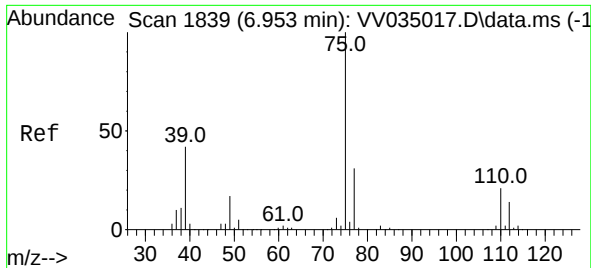
Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

Tgt Ion: 95 Resp: 30818

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.3	84.1
132	94.1	65.3	121.3
130	98.0	70.1	130.3

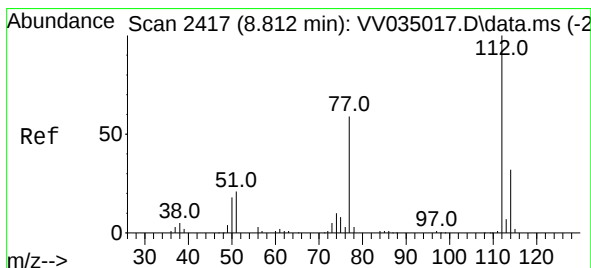
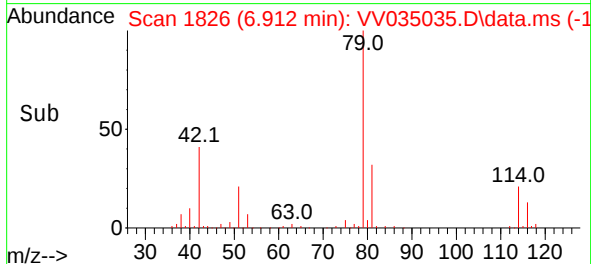
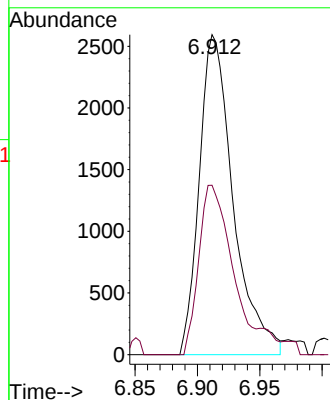
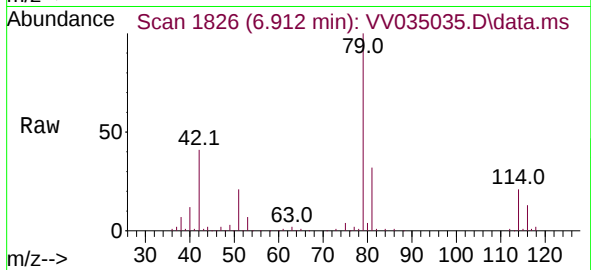




#39
 cis-1,3-Dichloropropene
 Concen: 0.929 ug/L
 RT: 6.912 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV035035.D
 Acq: 06 Apr 2024 03:50

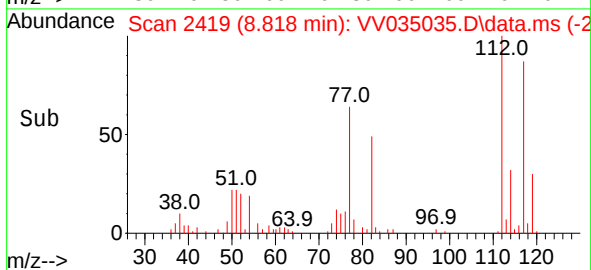
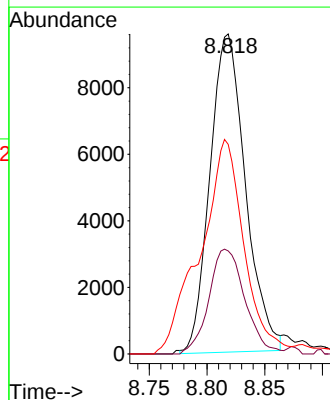
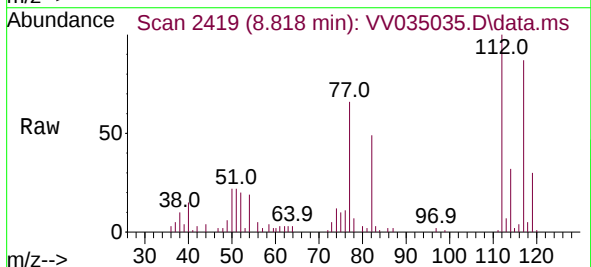
Instrument :
 MSVOA_V
 ClientSampleId :

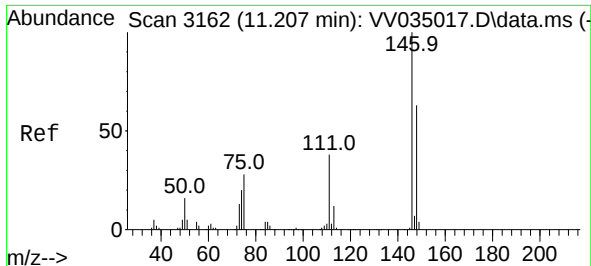
Tgt Ion: 75 Resp: 4911
 Ion Ratio Lower Upper
 75 100
 77 53.0 21.9 40.7#



#51
 Chlorobenzene
 Concen: 2.488 ug/L
 RT: 8.818 min Scan# 2419
 Delta R.T. 0.007 min
 Lab File: VV035035.D
 Acq: 06 Apr 2024 03:50

Tgt Ion: 112 Resp: 20487
 Ion Ratio Lower Upper
 112 100
 114 32.2 22.0 41.0
 77 65.5 47.4 71.2





#65

1,4-Dichlorobenzene

Concen: 4.276 ug/L

RT: 11.211 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

Instrument :

MSVOA_V

ClientSampleId :

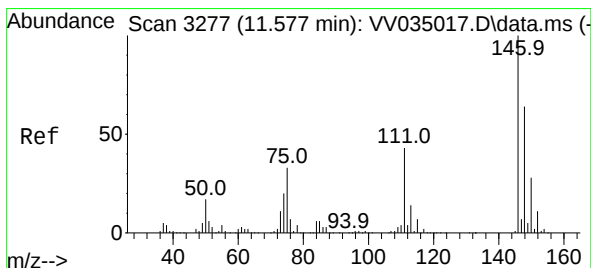
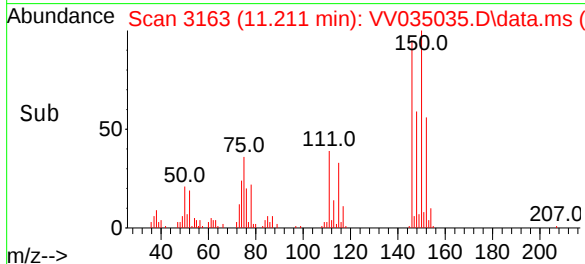
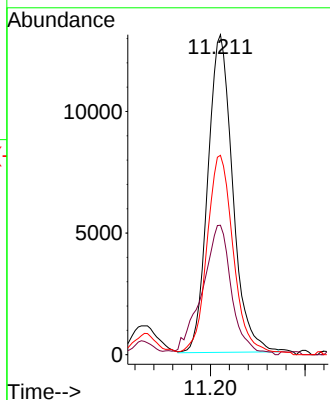
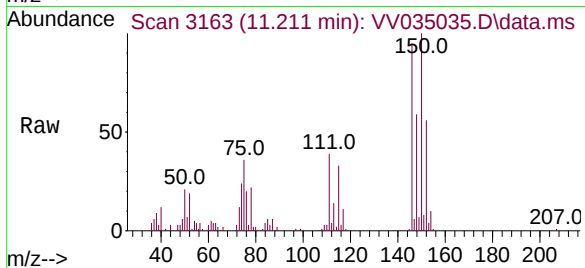
Tgt Ion:146 Resp: 23865

Ion Ratio Lower Upper

146 100

111 40.4 27.4 50.8

148 62.3 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 3.226 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

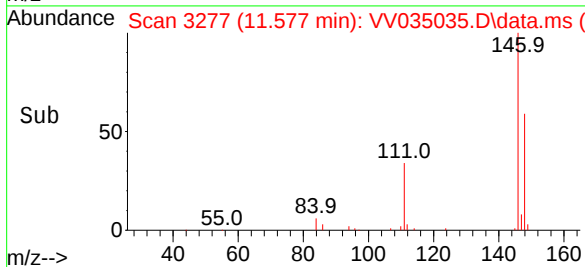
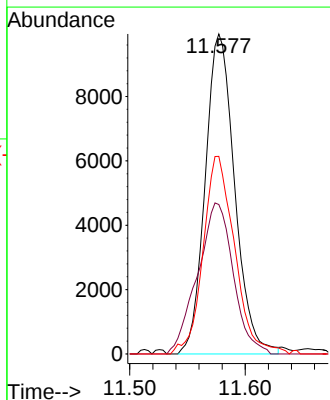
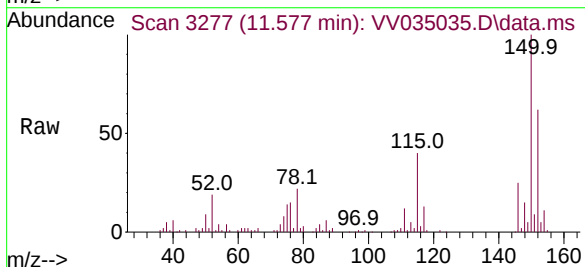
Tgt Ion:146 Resp: 17636

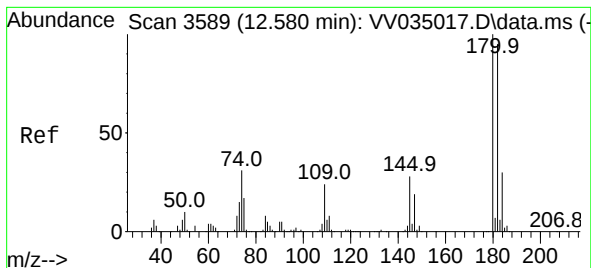
Ion Ratio Lower Upper

146 100

111 46.7 34.6 52.0

148 61.7 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 3.000 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

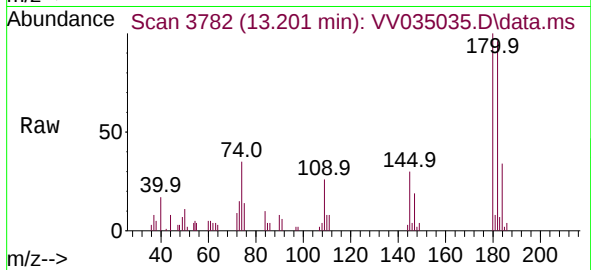
Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 11865

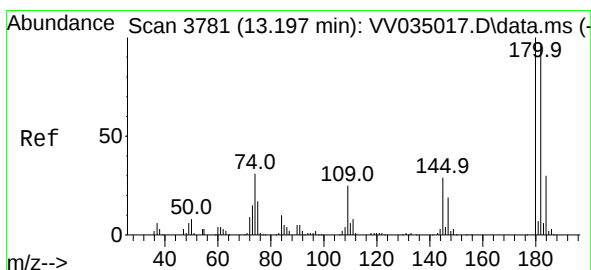
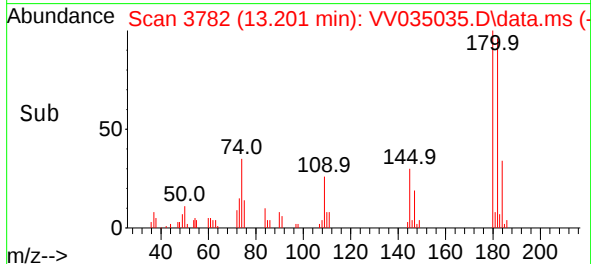
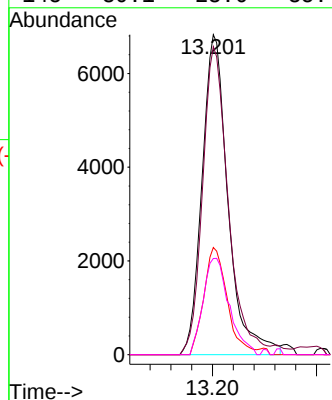
Ion Ratio Lower Upper

180 100

182 94.9 74.7 112.1

184 30.2 24.0 36.0

145 30.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 3.266 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

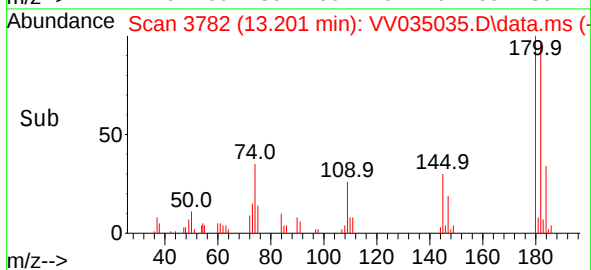
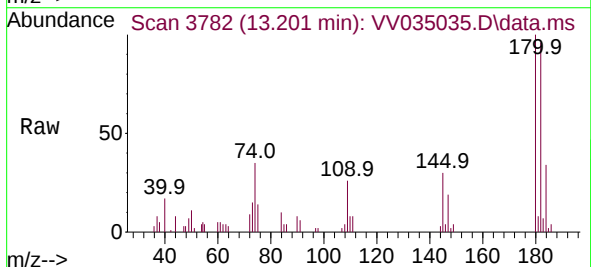
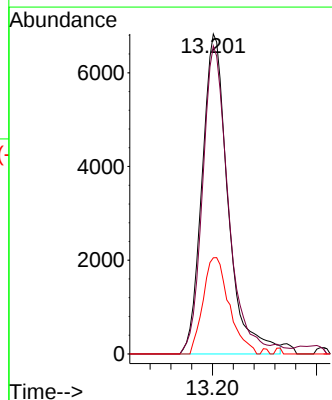
Tgt Ion:180 Resp: 11865

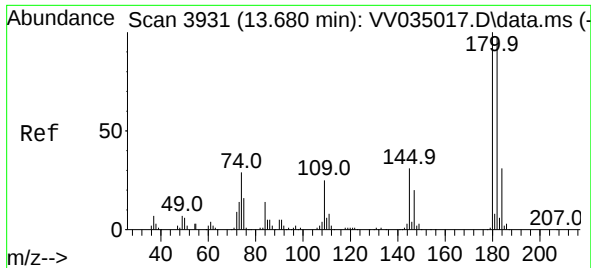
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

145 30.1 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 0.925 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

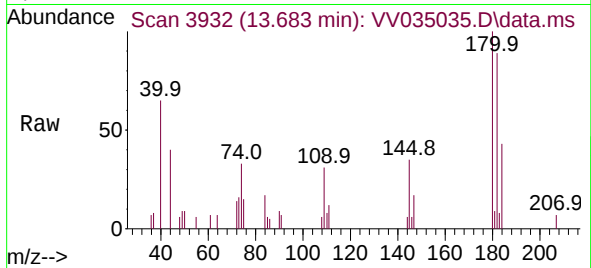
Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3313

Ion Ratio Lower Upper

180 100

182 97.6 76.2 114.2

145 32.0 25.8 38.6

