

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 :
 E0LZ9

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)

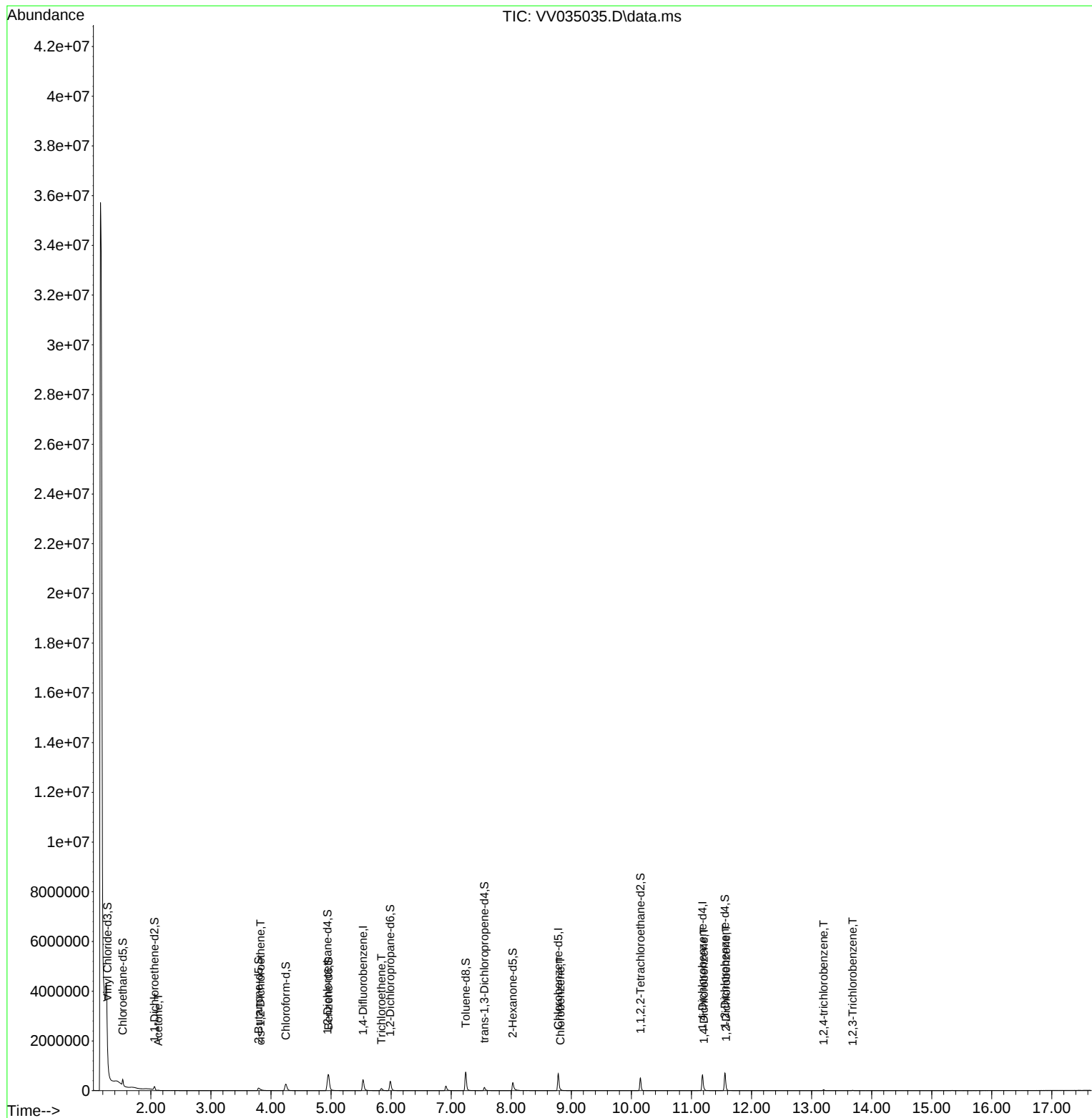
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	380259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	372187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153793	41.879	ug/L	0.00
Spiked Amount	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	
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
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
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

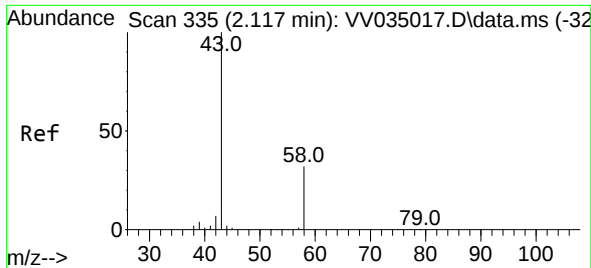
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.539 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

Instrument :

MSVOA_V

ClientSampleId :

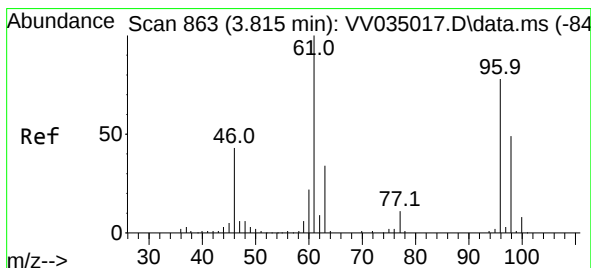
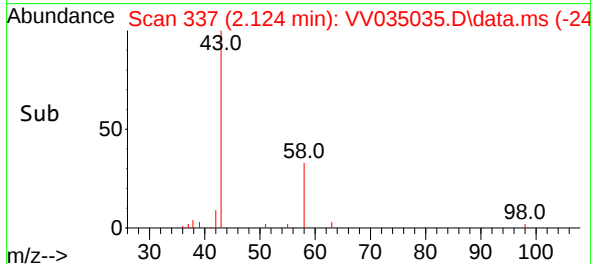
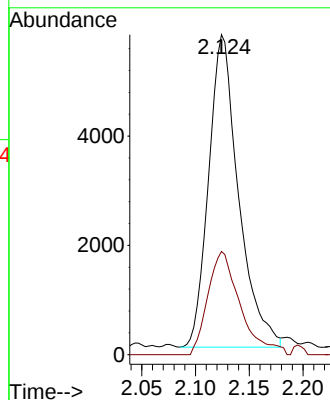
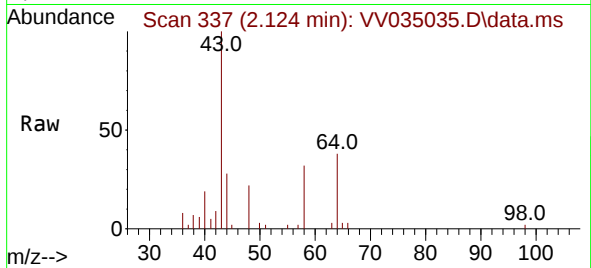
E0LZ9

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

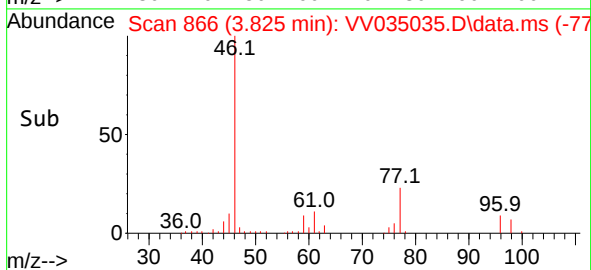
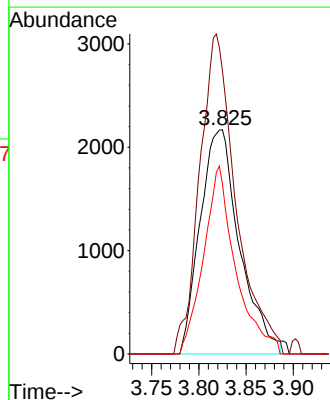
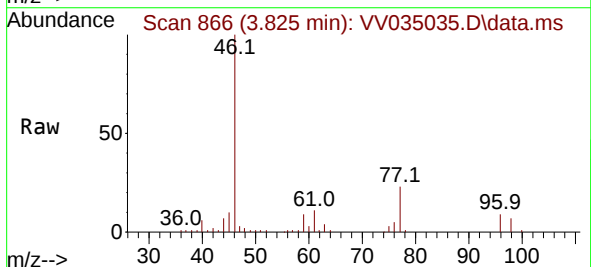
Tgt Ion: 96 Resp: 6282

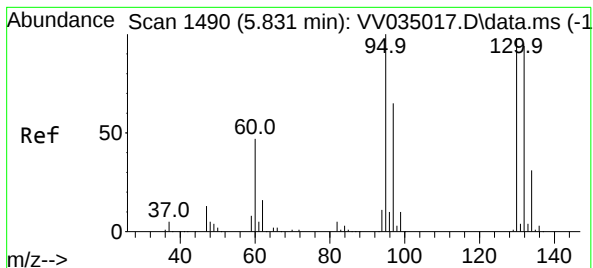
Ion Ratio Lower Upper

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# 1490

Delta R.T. 0.007 min

Lab File: VV035035.D

Acq: 06 Apr 2024 03:50

Instrument :

MSVOA_V

ClientSampleId :

E0LZ9

Tgt Ion: 95 Resp: 30818

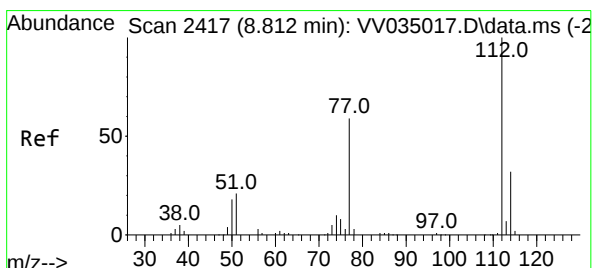
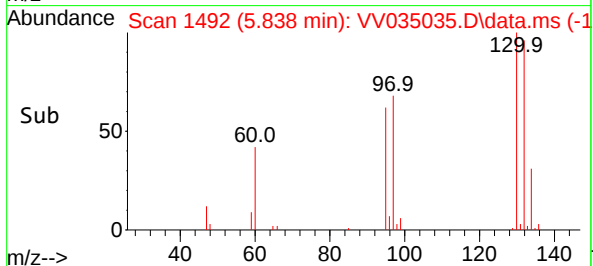
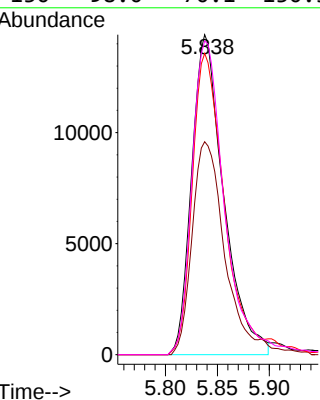
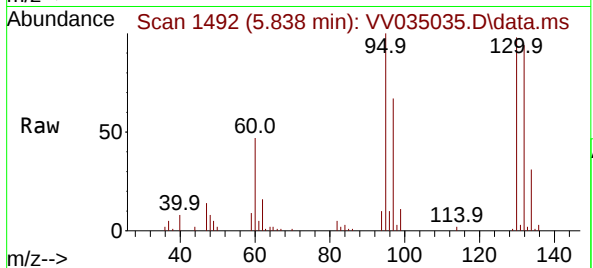
Ion Ratio Lower Upper

95 100

97 66.6 45.3 84.1

132 94.1 65.3 121.3

130 98.0 70.1 130.3



#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

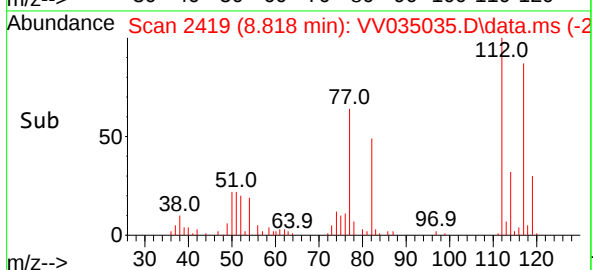
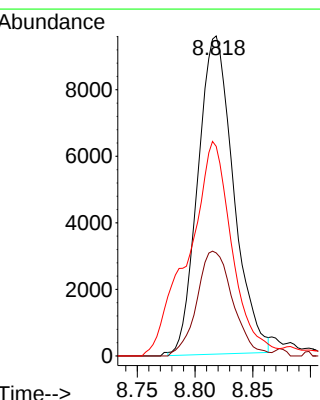
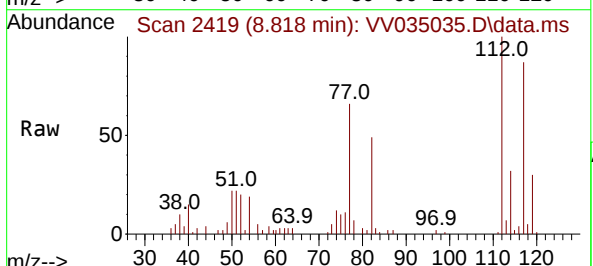
Tgt Ion: 112 Resp: 20487

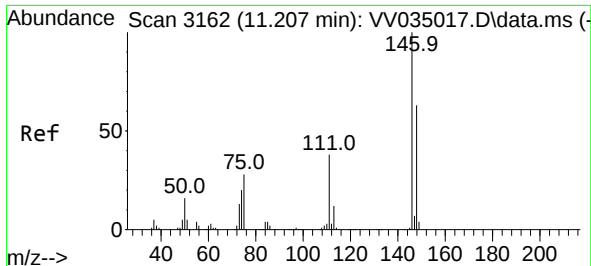
Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

77 65.5 47.4 71.2

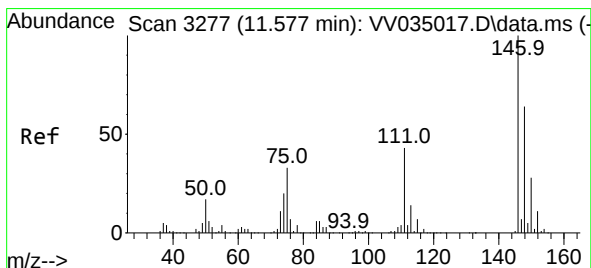
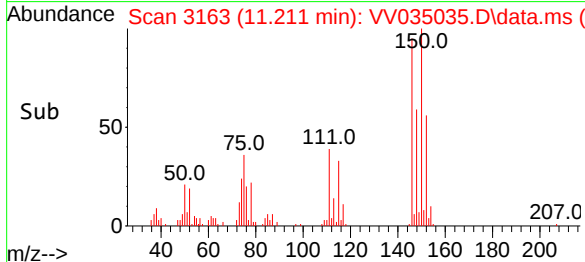
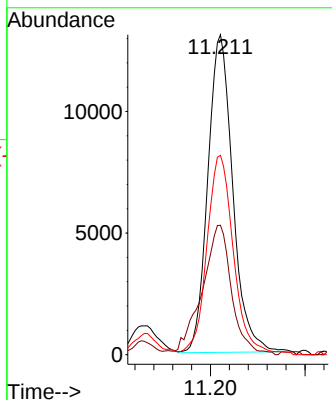
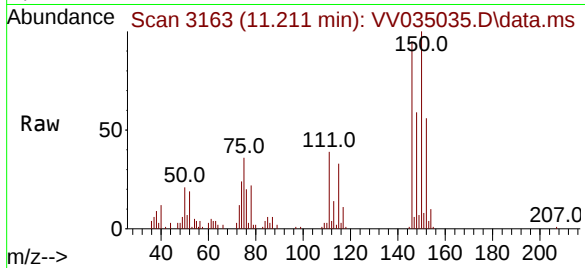




#65
1,4-Dichlorobenzene
Concen: 4.276 ug/L
RT: 11.211 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV035035.D
Acq: 06 Apr 2024 03:50

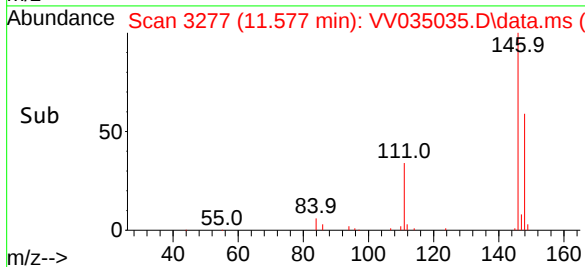
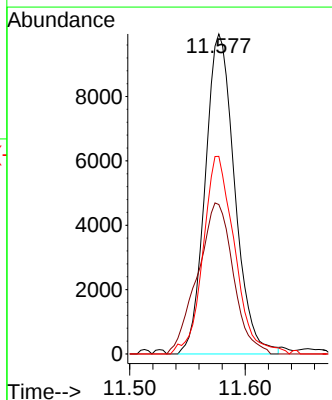
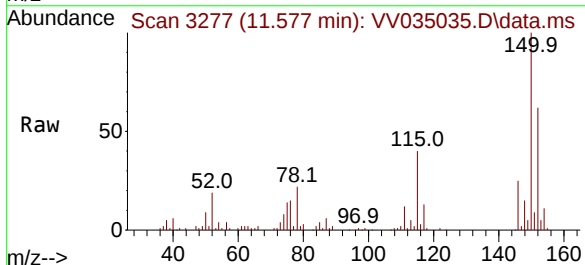
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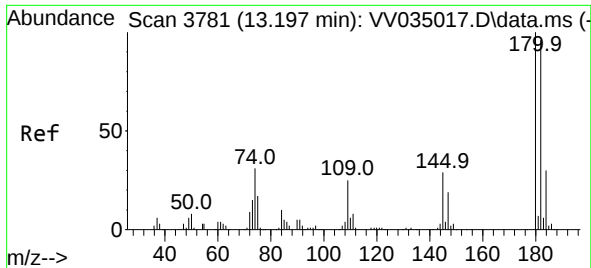
Tgt Ion:146 Resp: 23865
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 62.3 44.2 82.2



#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

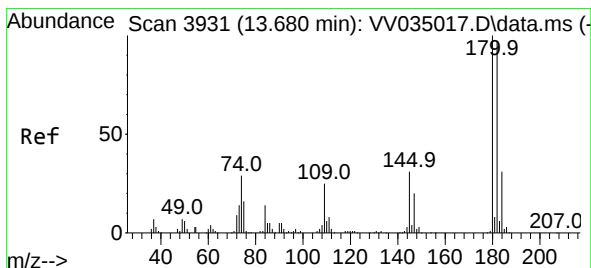
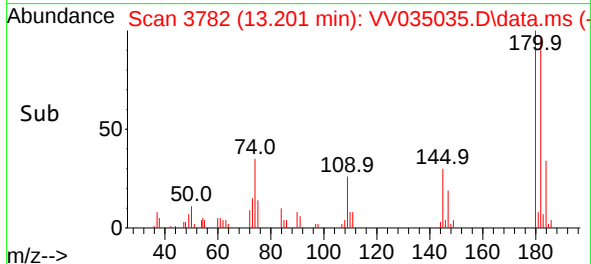
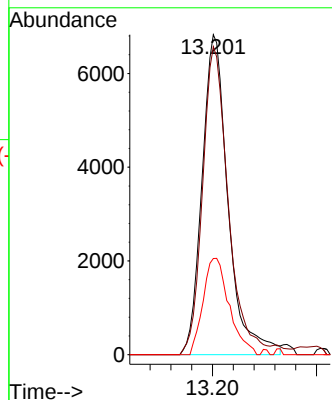
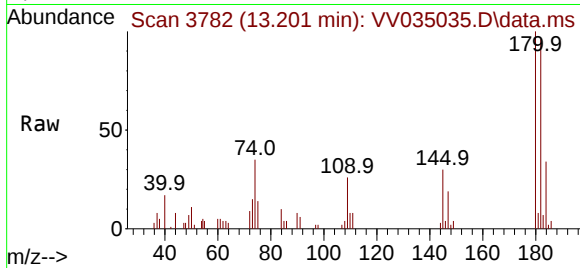




#70
 1,2,4-trichlorobenzene
 Concen: 3.266 ug/L
 RT: 13.201 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV035035.D
 Acq: 06 Apr 2024 03:50

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LZ9

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

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

