

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035334.D
 Acq On : 22 Apr 2024 15:39
 Operator : SY/MD
 Sample : P2158-04DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD0DL

Quant Time: Apr 23 00:31:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

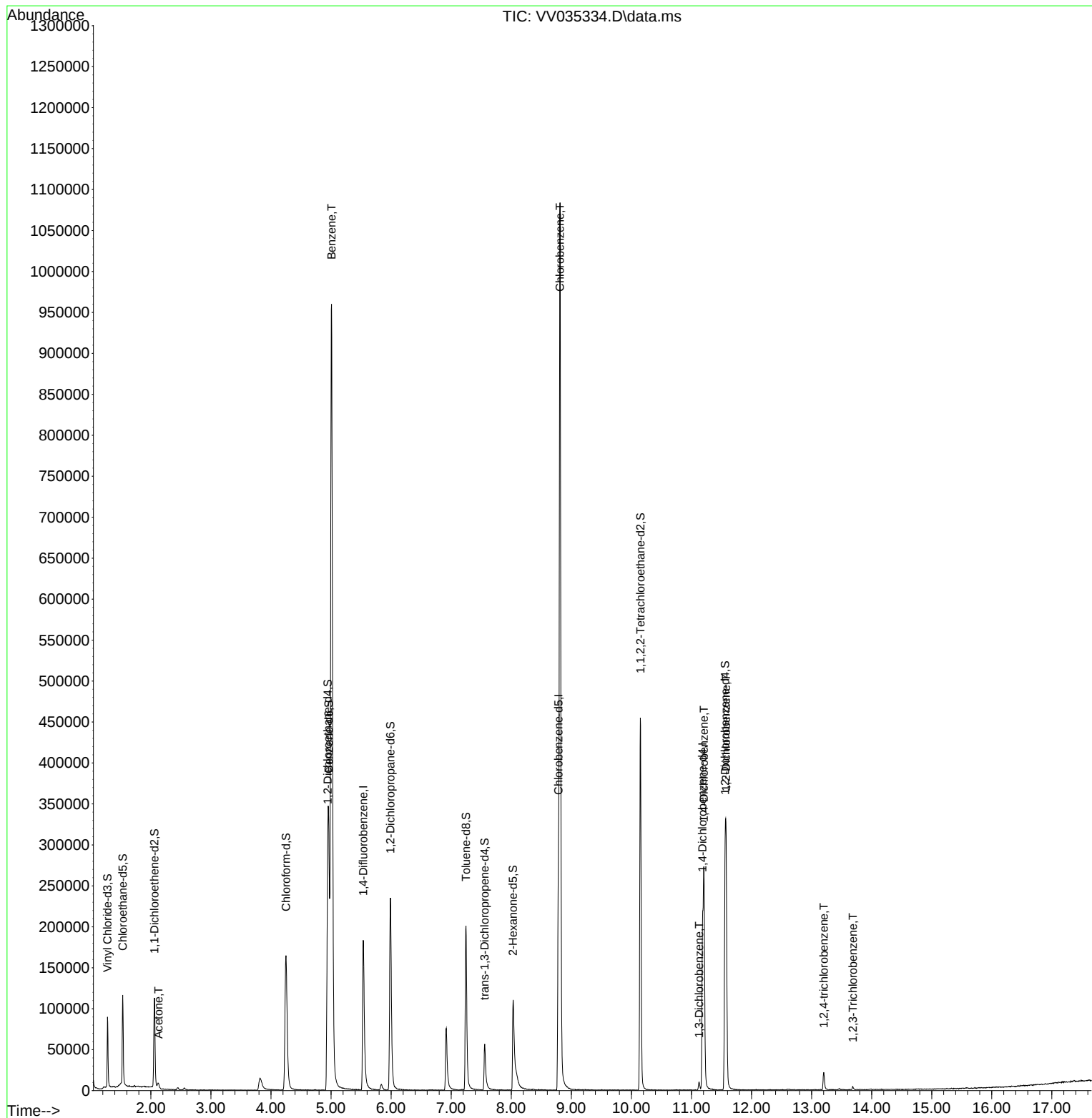
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	164594	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	137462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54578	34.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.680%
7) Chloroethane-d5	1.532	69	69044	50.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.020%
11) 1,1-Dichloroethene-d2	2.060	65	18519	26.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.160%#
21) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	4.249	84	184698	69.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	138.220%#
26) 1,2-Dichloroethane-d4	4.944	65	144170	84.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	169.940%#
32) Benzene-d6	4.960	84	266979	57.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.640%
36) 1,2-Dichloropropane-d6	5.989	67	122236	83.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	166.740%#
41) Toluene-d8	7.246	98	142847	34.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.700%#
43) trans-1,3-Dichloroprop...	7.558	79	38180	53.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.120%
47) 2-Hexanone-d5	8.030	63	37688	67.984	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	222633	110.261	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	220.520%#
66) 1,2-Dichlorobenzene-d4	11.561	152	64001	57.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.100%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	6647	7.680	ug/L	99
33) Benzene	5.008	78	1014028	226.222	ug/L	100
51) Chlorobenzene	8.812	112	587683	193.221	ug/L	98
64) 1,3-Dichlorobenzene	11.130	146	4669	2.798	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	109190	64.341	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	105535	63.483	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	8097	7.329	ug/L	93
72) 1,2,3-Trichlorobenzene	13.686	180	1520	1.396	ug/L #	91

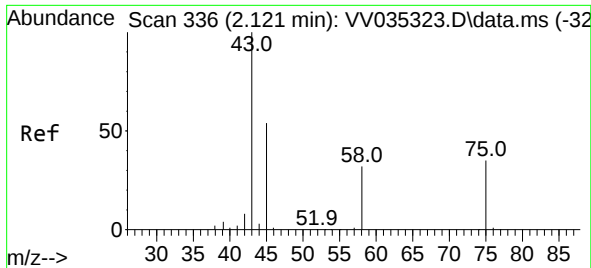
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 00:31:29 2024
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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 7.680 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035334.D

Acq: 22 Apr 2024 15:39

Instrument :

MSVOA_V

ClientSampleId :

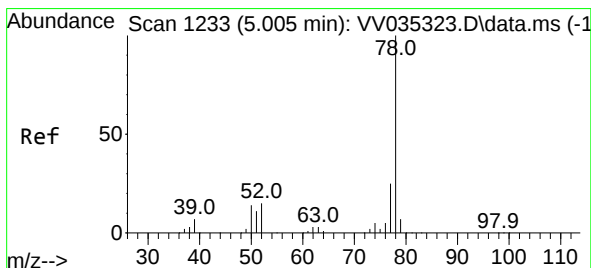
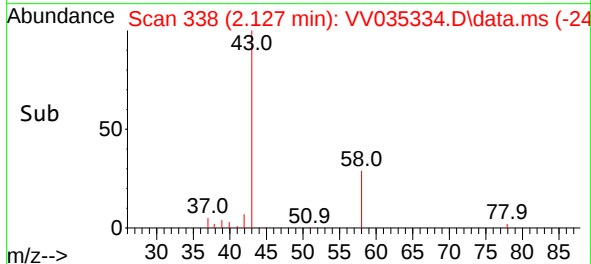
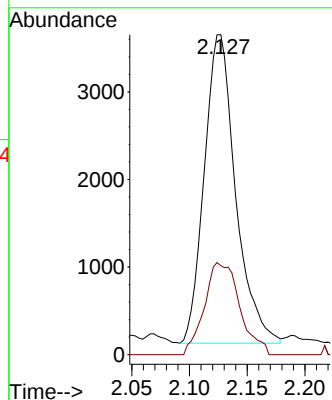
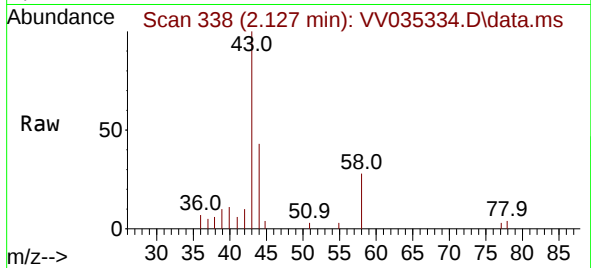
MC0RD0DL

Tgt Ion: 43 Resp: 6647

Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.0



#33

Benzene

Concen: 226.222 ug/L

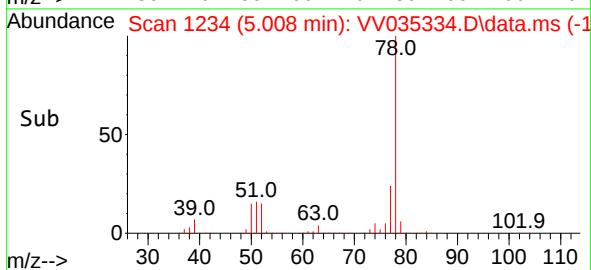
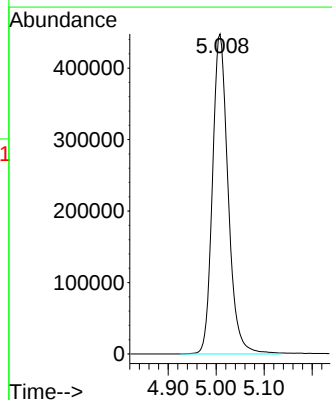
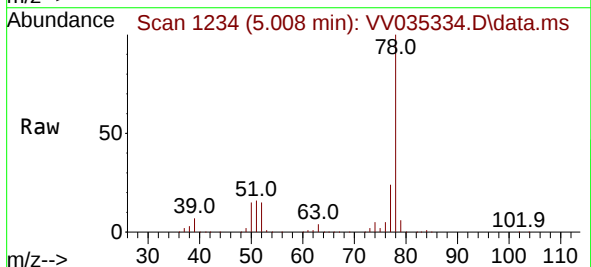
RT: 5.008 min Scan# 1234

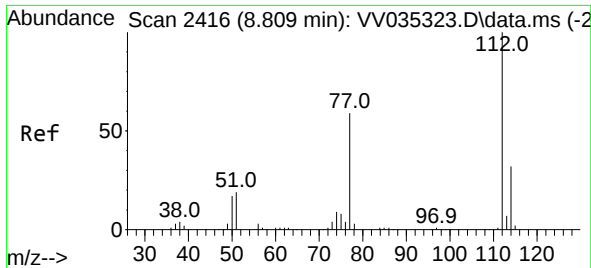
Delta R.T. 0.003 min

Lab File: VV035334.D

Acq: 22 Apr 2024 15:39

Tgt Ion: 78 Resp: 1014028

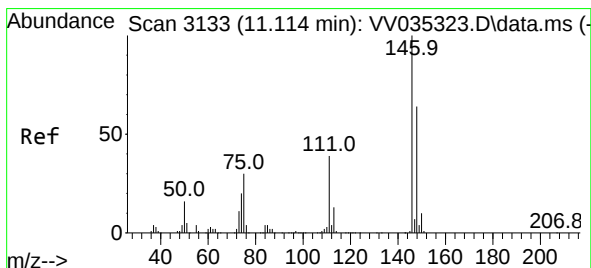
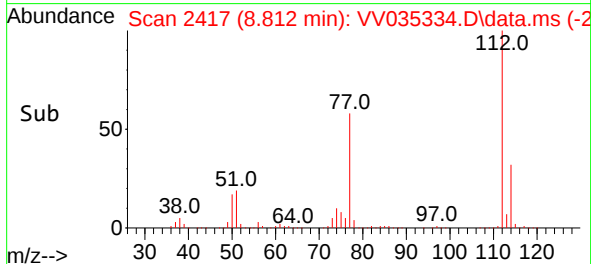
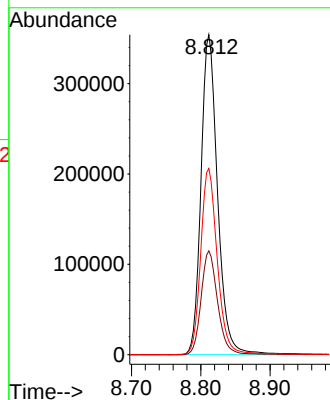
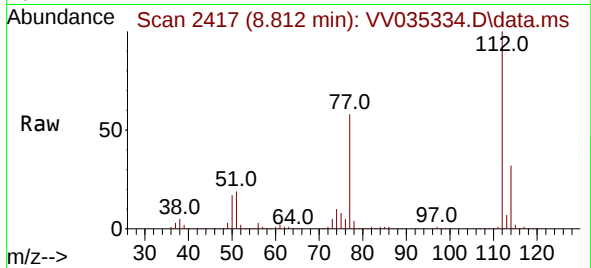




#51
Chlorobenzene
Concen: 193.221 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV035334.D
Acq: 22 Apr 2024 15:39

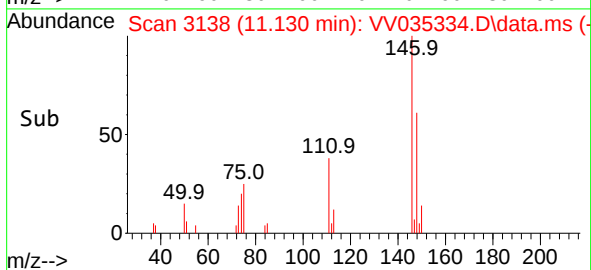
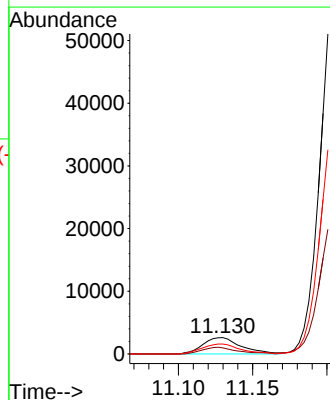
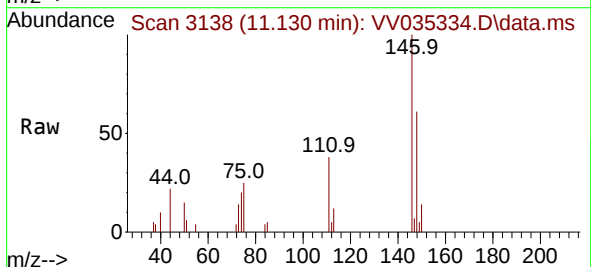
Instrument :
MSVOA_V
ClientSampleId :
MCO00DL

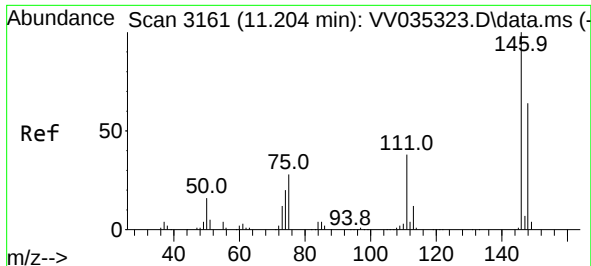
Tgt Ion:112 Resp: 587683
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 58.2 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 2.798 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.016 min
Lab File: VV035334.D
Acq: 22 Apr 2024 15:39

Tgt Ion:146 Resp: 4669
Ion Ratio Lower Upper
146 100
111 37.5 28.7 53.3
148 60.7 44.0 81.8

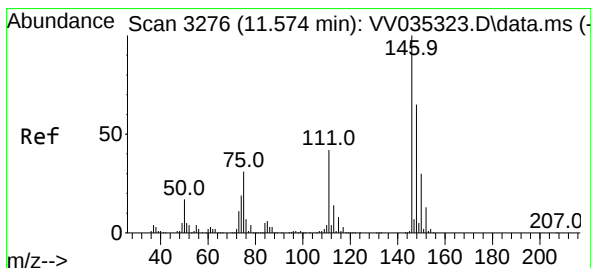
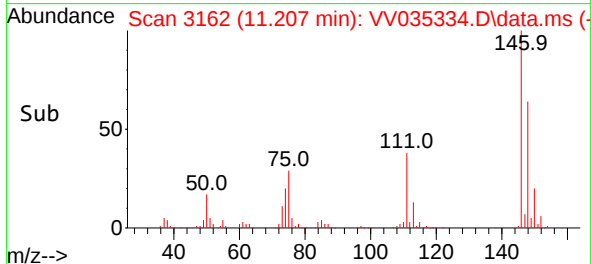
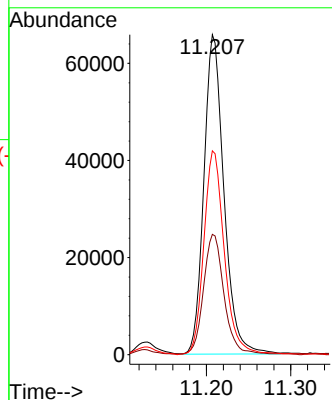
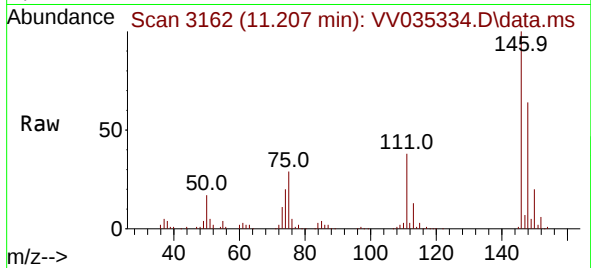




#65
1,4-Dichlorobenzene
Concen: 64.341 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV035334.D
Acq: 22 Apr 2024 15:39

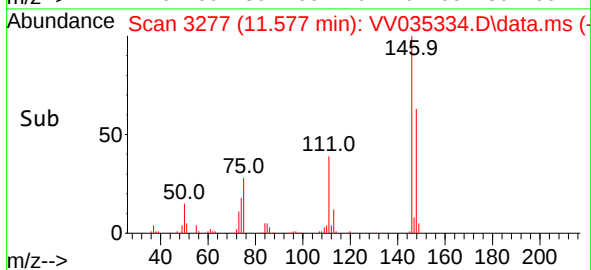
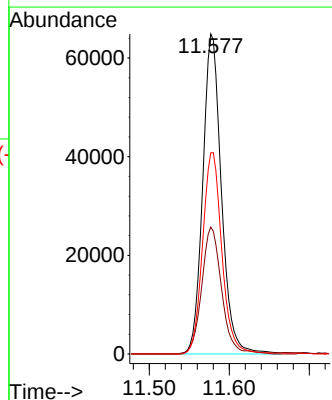
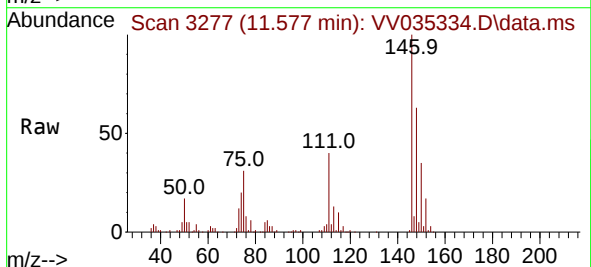
Instrument :
MSVOA_V
ClientSampleId :
MCO00DL

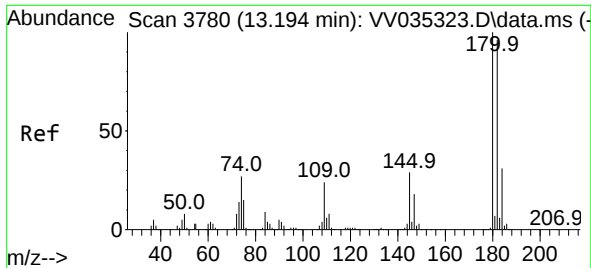
Tgt Ion:146 Resp: 109190
Ion Ratio Lower Upper
146 100
111 37.6 27.4 50.8
148 63.7 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 63.483 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV035334.D
Acq: 22 Apr 2024 15:39

Tgt Ion:146 Resp: 105535
Ion Ratio Lower Upper
146 100
111 39.7 34.6 52.0
148 62.9 51.5 77.3

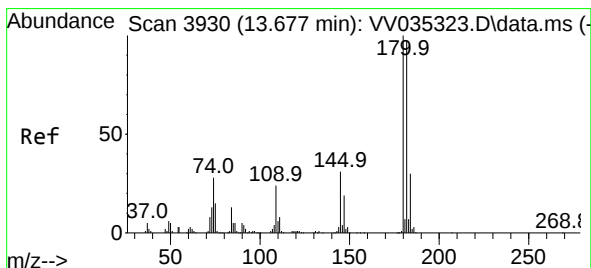
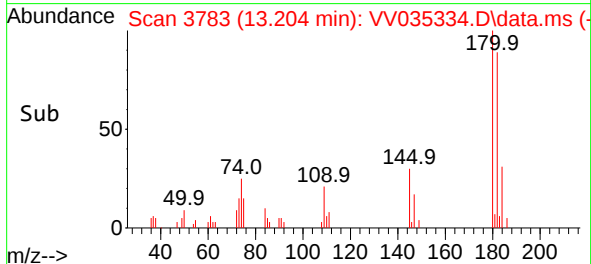
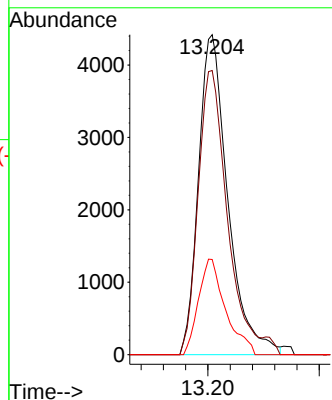
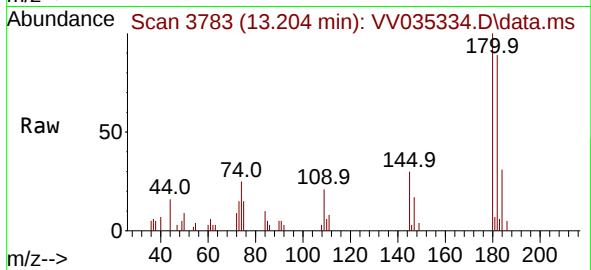




#70
 1,2,4-trichlorobenzene
 Concen: 7.329 ug/L
 RT: 13.204 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: VV035334.D
 Acq: 22 Apr 2024 15:39

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD0DL

Tgt Ion:180 Resp: 8097
 Ion Ratio Lower Upper
 180 100
 182 87.7 75.6 113.4
 145 27.5 24.1 36.1



#72
 1,2,3-Trichlorobenzene
 Concen: 1.396 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.009 min
 Lab File: VV035334.D
 Acq: 22 Apr 2024 15:39

Tgt Ion:180 Resp: 1520
 Ion Ratio Lower Upper
 180 100
 182 89.3 76.2 114.2
 145 23.3 25.8 38.6#

