

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033082.D
 Acq On : 01 Dec 2023 16:29
 Operator : SY/MD
 Sample : 04929-07ME
 Misc : 3.42G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 04 04:22:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 04:21:32 2023
 Response via : Initial Calibration

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

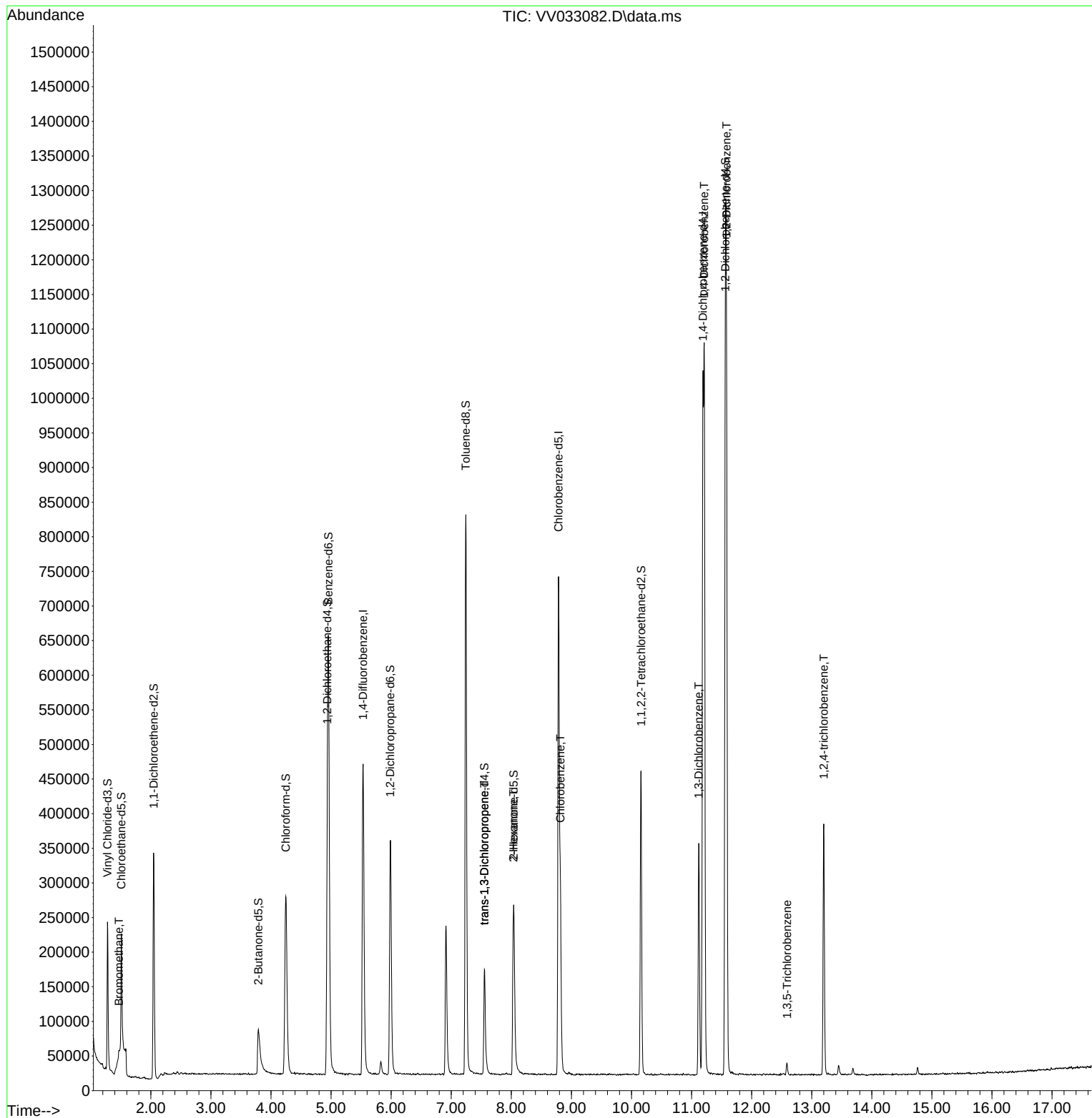
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	417049	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	422929	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	246644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	152230	61.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 122.120%	
7) Chloroethane-d5	1.510	69	114598	65.970	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 131.940%#	
11) 1,1-Dichloroethene-d2	2.047	65	52610	55.470	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	= 110.940%	
21) 2-Butanone-d5	3.789	46	123444	99.690	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 99.690%	
24) Chloroform-d	4.246	84	288673	54.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.120%	
26) 1,2-Dichloroethane-d4	4.937	65	194099	59.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.020%	
32) Benzene-d6	4.957	84	569691	57.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.180%	
36) 1,2-Dichloropropane-d6	5.985	67	154194	57.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 115.960%	
41) Toluene-d8	7.243	98	550509	58.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 116.680%	
43) trans-1,3-Dichloroprop...	7.551	79	97359	57.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 115.780%	
47) 2-Hexanone-d5	8.040	63	115562	108.160	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	= 108.160%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	201578	53.318	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.640%	
66) 1,2-Dichlorobenzene-d4	11.564	152	260942	59.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 118.920%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.468	94	3841	2.041	ug/L	95
44) trans-1,3-Dichloropropene	7.551	75	4683	1.029	ug/L #	78
48) 2-Hexanone	8.037	43	14827	6.791	ug/L #	63
51) Chlorobenzene	8.815	112	151730	17.866	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	140277	18.463	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	416118	52.725	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	380385	51.069	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	5739	0.943	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	115251	20.498	ug/L	100

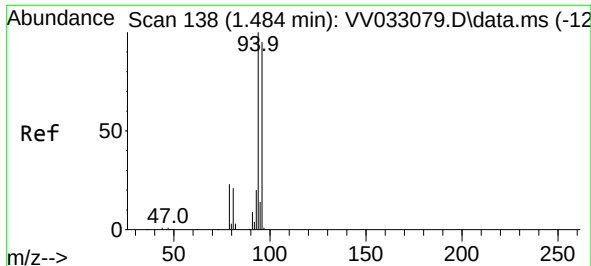
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 04 04:21:32 2023
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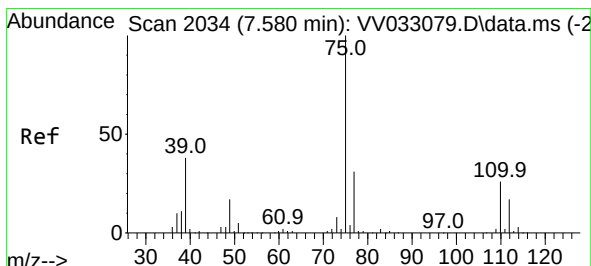
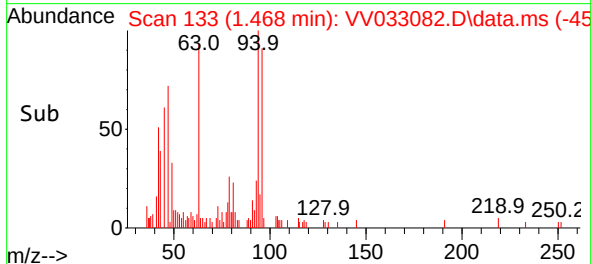
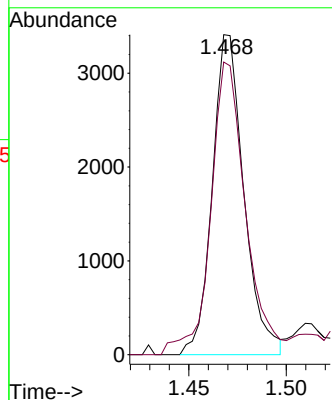
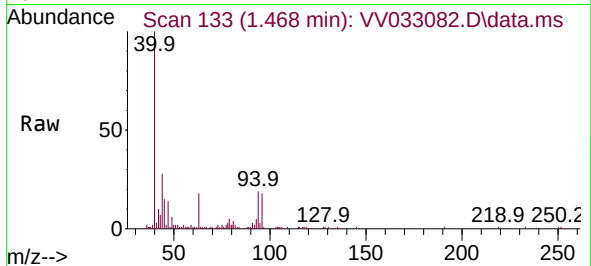




#6
Bromomethane
Concen: 2.041 ug/L
RT: 1.468 min Scan# 11
Delta R.T. -0.016 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

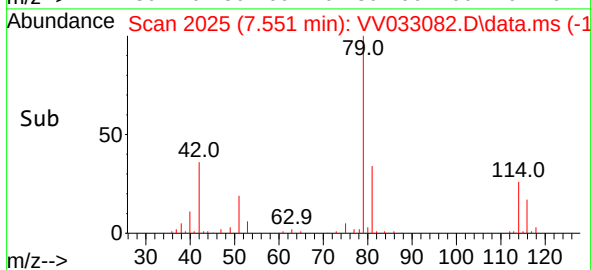
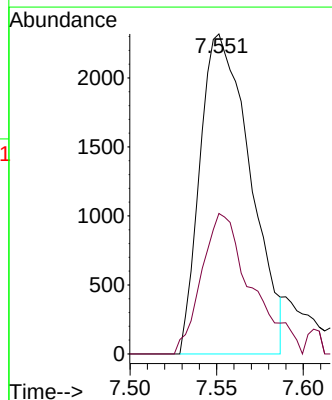
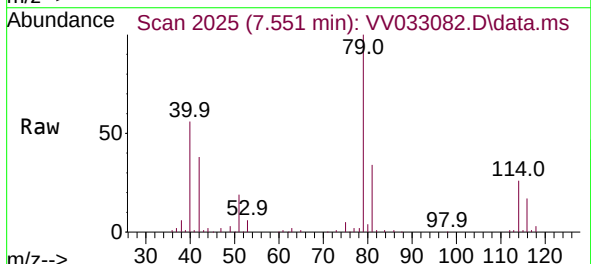
Instrument :
MSVOA_V
ClientSampleId :

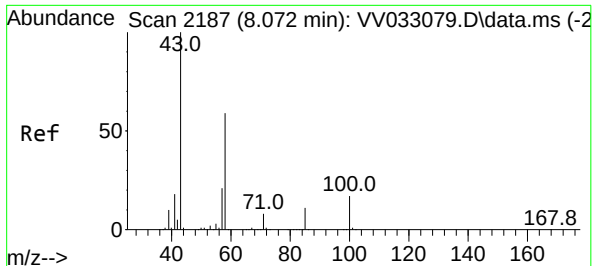
Tgt Ion: 94 Resp: 3841
Ion Ratio Lower Upper
94 100
96 91.4 67.1 124.7



#44
trans-1,3-Dichloropropene
Concen: 1.029 ug/L
RT: 7.551 min Scan# 2025
Delta R.T. -0.029 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

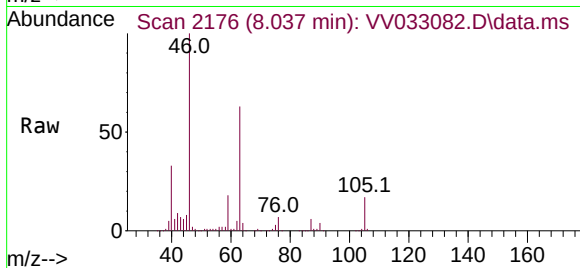
Tgt Ion: 75 Resp: 4683
Ion Ratio Lower Upper
75 100
77 43.9 22.0 41.0#



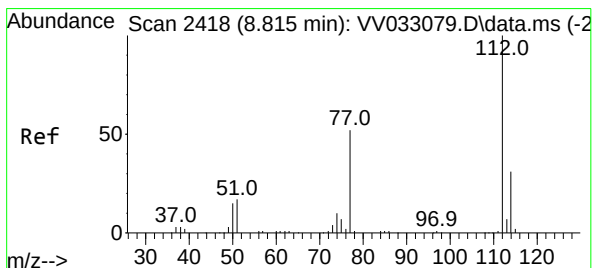
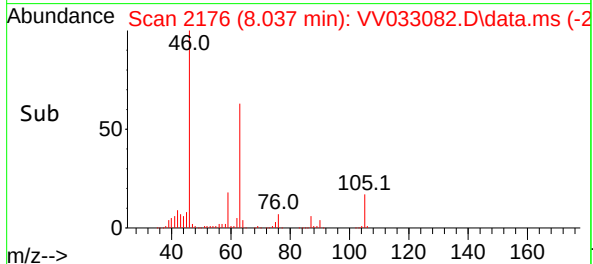
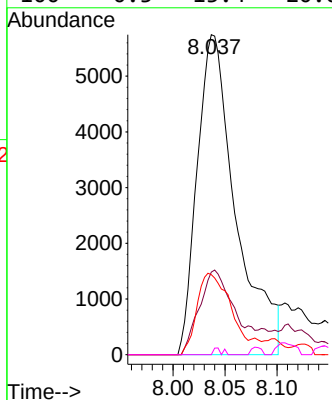


#48
2-Hexanone
Concen: 6.791 ug/L
RT: 8.037 min Scan# 2187
Delta R.T. -0.036 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

Instrument :
MSVOA_V
ClientSampleId :

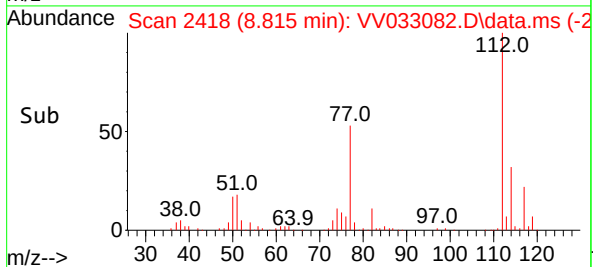
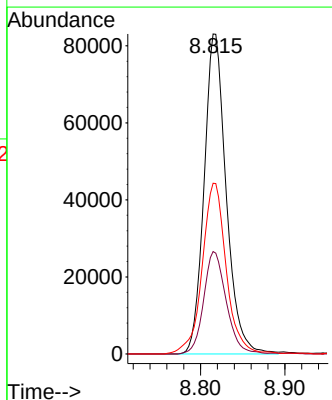
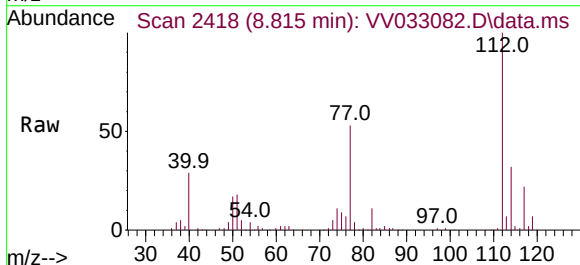


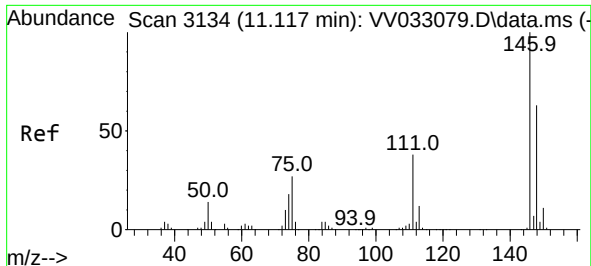
Tgt Ion: 43	Resp: 14827
Ion Ratio	Lower Upper
43 100	
58 22.3	47.9 71.9#
57 22.0	17.4 26.0
100 0.3	13.4 20.0#



#51
Chlorobenzene
Concen: 17.866 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

Tgt Ion:112	Resp: 151730		
Ion Ratio	Lower	Upper	
112	100		
114	32.0	22.9	42.5
77	53.4	42.6	64.0

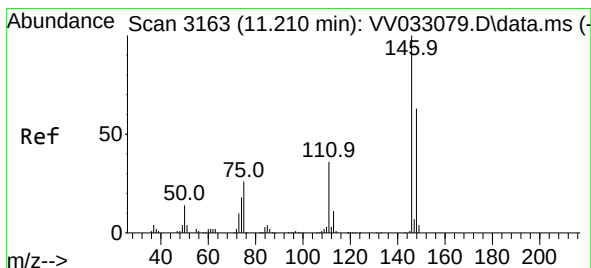
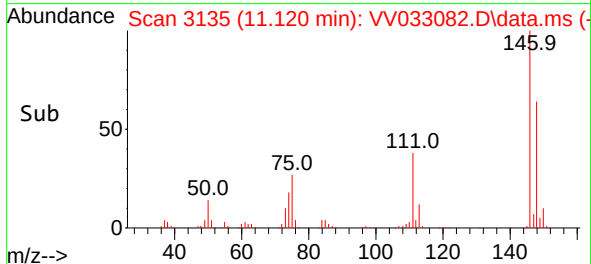
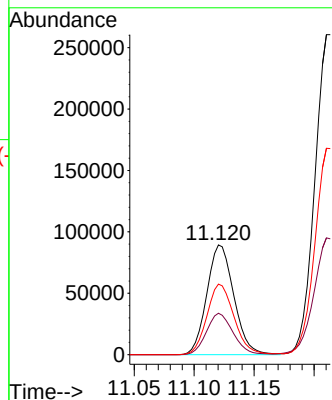
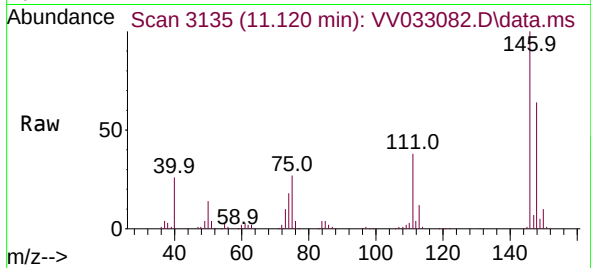




#64
1,3-Dichlorobenzene
Concen: 18.463 ug/L
RT: 11.120 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

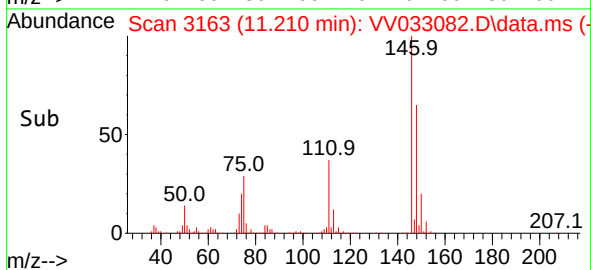
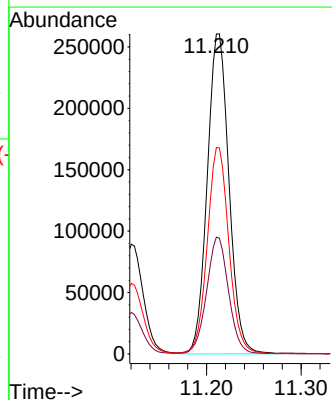
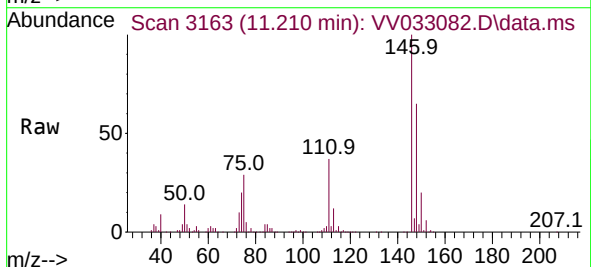
Instrument :
MSVOA_V
ClientSampleId :

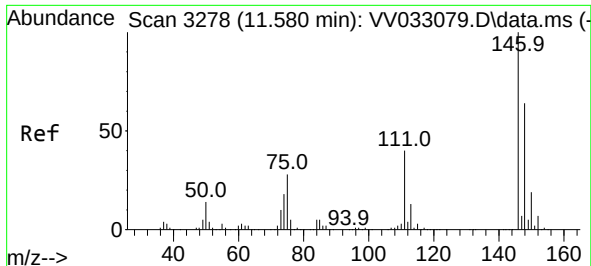
Tgt Ion:146 Resp: 140277
Ion Ratio Lower Upper
146 100
111 37.8 26.2 48.6
148 64.3 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 52.725 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033082.D
Acq: 01 Dec 2023 16:29

Tgt Ion:146 Resp: 416118
Ion Ratio Lower Upper
146 100
111 36.5 25.9 48.1
148 64.5 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 51.069 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033082.D

Acq: 01 Dec 2023 16:29

Instrument :

MSVOA_V

ClientSampleId :

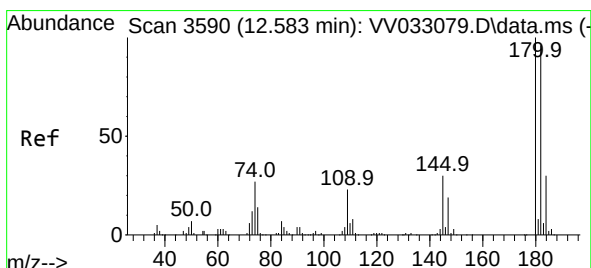
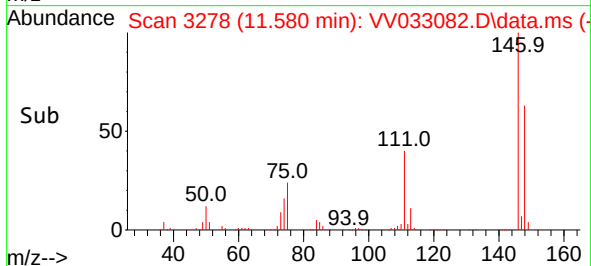
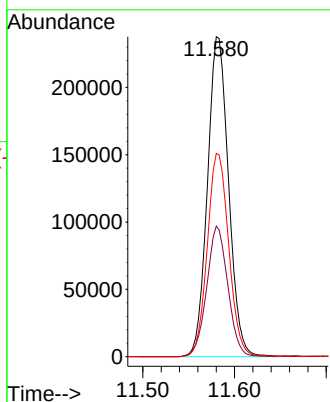
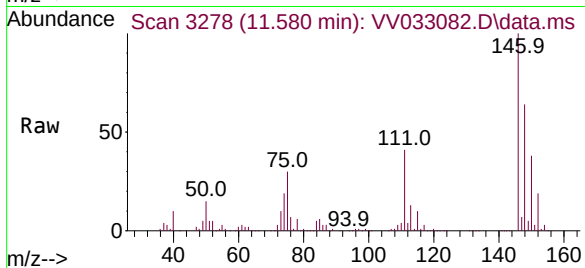
Tgt Ion:146 Resp: 380385

Ion Ratio Lower Upper

146 100

111 40.8 32.4 48.6

148 63.5 51.8 77.8



#69

1,3,5-Trichlorobenzene

Concen: 0.943 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.006 min

Lab File: VV033082.D

Acq: 01 Dec 2023 16:29

Tgt Ion:180 Resp: 5739

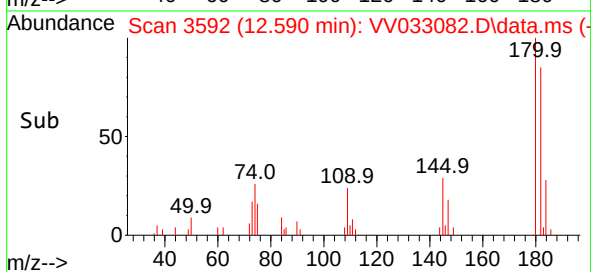
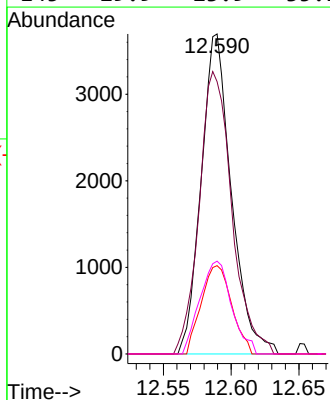
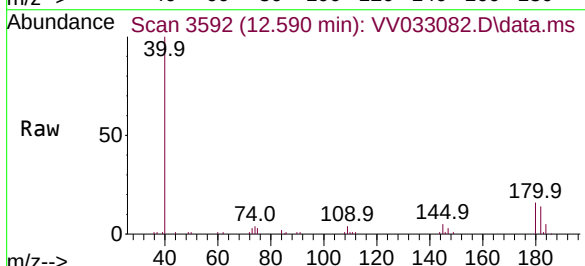
Ion Ratio Lower Upper

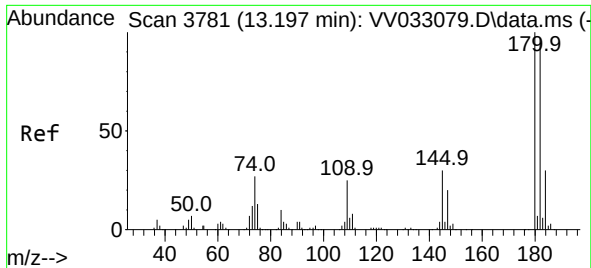
180 100

182 95.2 76.2 114.4

184 27.7 24.2 36.4

145 29.9 23.9 35.9





#70

1,2,4-trichlorobenzene

Concen: 20.498 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

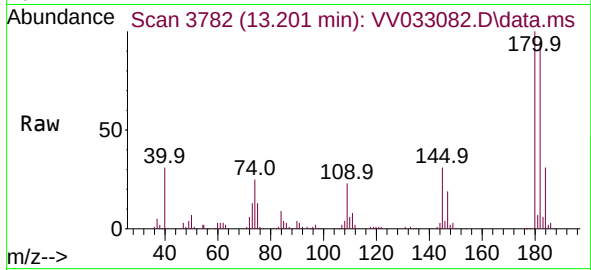
Lab File: VV033082.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 115251

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 29.5 23.4 35.0

