

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033509.D
 Acq On : 20 Dec 2023 14:10
 Operator : SY/MD
 Sample : 05927-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

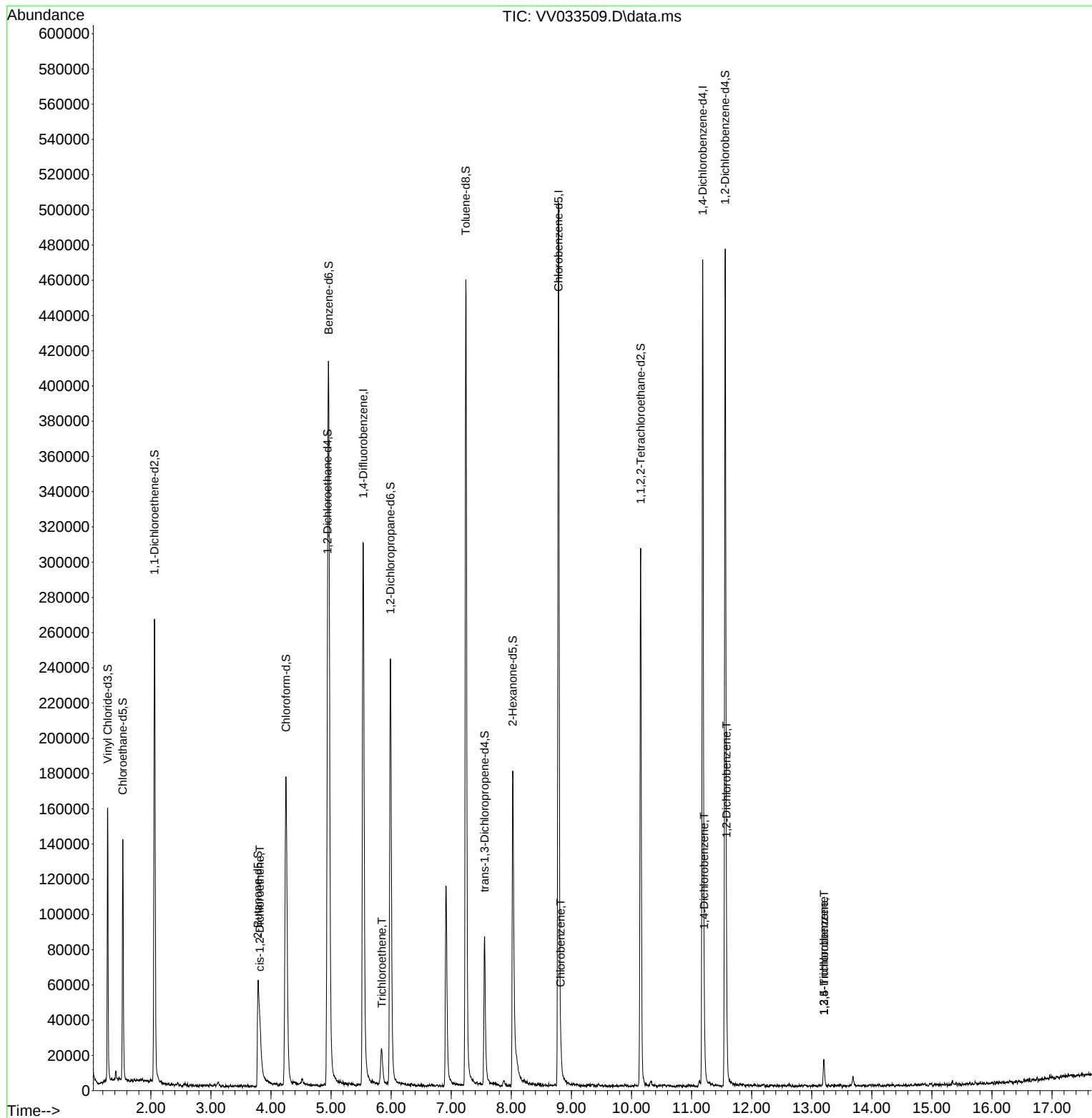
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	265057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	268920	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	100928	49.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.900%
7) Chloroethane-d5	1.532	69	89739	48.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.980%
11) 1,1-Dichloroethene-d2	2.060	65	45684	44.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.920%
21) 2-Butanone-d5	3.783	46	93128	90.527	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.530%
24) Chloroform-d	4.249	84	188082	46.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	4.940	65	123026	49.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.200%
32) Benzene-d6	4.960	84	362339	50.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
36) 1,2-Dichloropropane-d6	5.989	67	115816	52.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.380%
41) Toluene-d8	7.243	98	297959	44.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.920%
43) trans-1,3-Dichloroprop...	7.555	79	49026	45.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.020%
47) 2-Hexanone-d5	8.024	63	59165	80.022	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.020%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	143324	45.364	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	110487	51.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.812	96	8234	4.113	ug/L	97
34) Trichloroethene	5.847	95	6610	3.361	ug/L	87
51) Chlorobenzene	8.821	112	8761	1.600	ug/L #	86
65) 1,4-Dichlorobenzene	11.210	146	8799	2.413	ug/L	88
67) 1,2-Dichlorobenzene	11.580	146	11872	3.367	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.204	180	4181	1.785	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	4181	2.042	ug/L	94

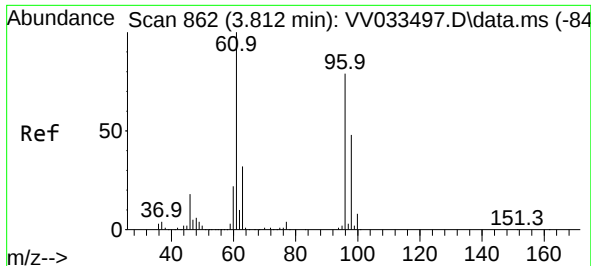
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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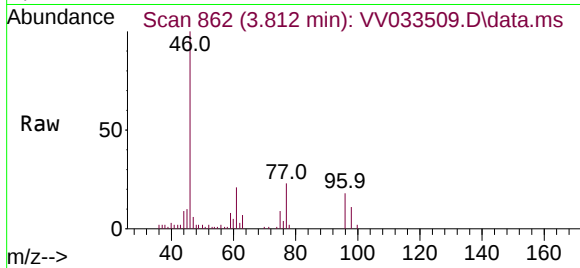
Quant Time: Dec 21 01:47:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 21 01:43:54 2023
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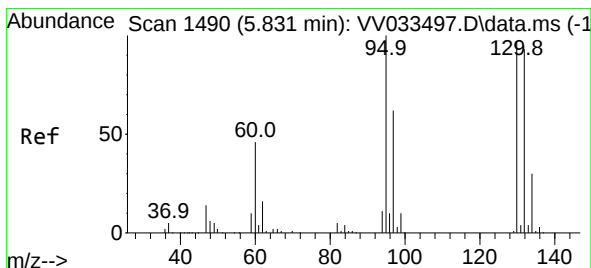
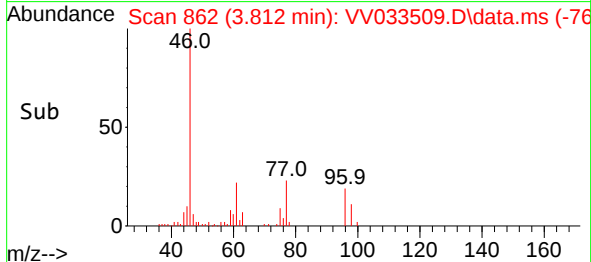
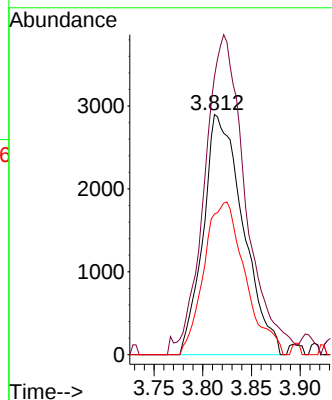


#20
cis-1,2-Dichloroethene
Concen: 4.113 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

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MSVOA_V
ClientSampleId :

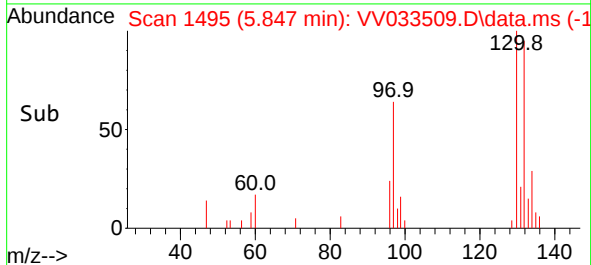
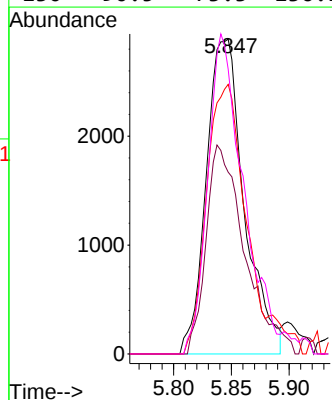
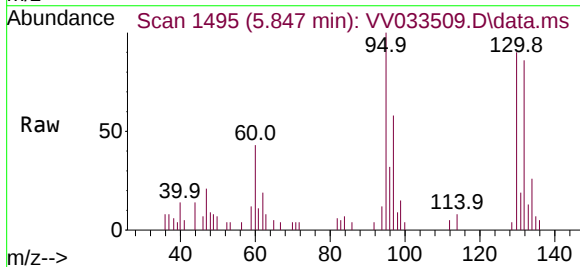


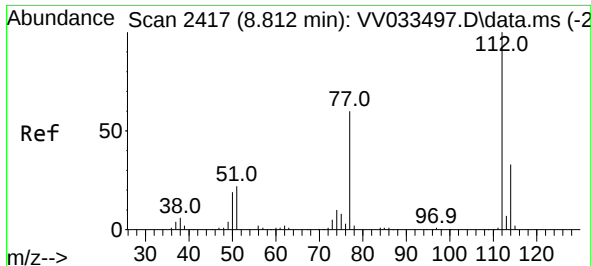
Tgt Ion: 96 Resp: 8234
Ion Ratio Lower Upper
96 100
61 115.8 81.9 152.1
98 58.5 44.3 82.3



#34
Trichloroethene
Concen: 3.361 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.016 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

Tgt Ion: 95 Resp: 6610
Ion Ratio Lower Upper
95 100
97 57.8 44.8 83.2
132 85.6 69.9 129.7
130 90.5 73.3 136.1

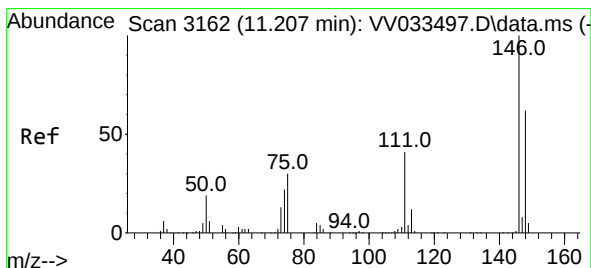
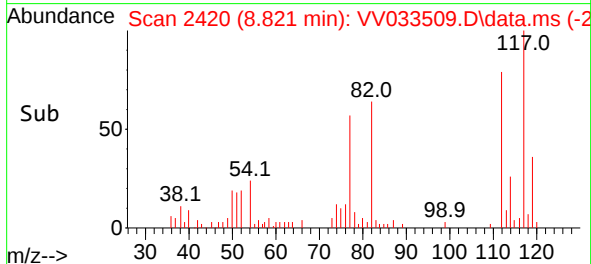
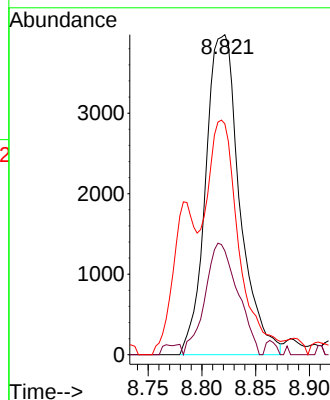
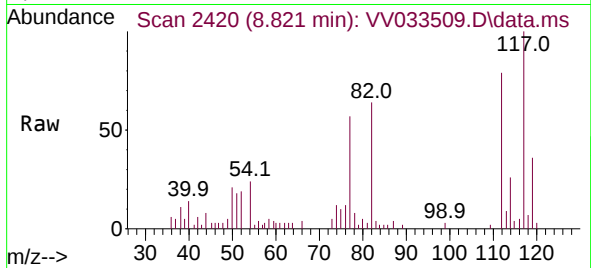




#51
Chlorobenzene
Concen: 1.600 ug/L
RT: 8.821 min Scan# 2417
Delta R.T. 0.010 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

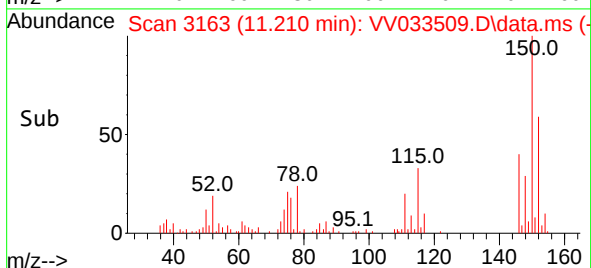
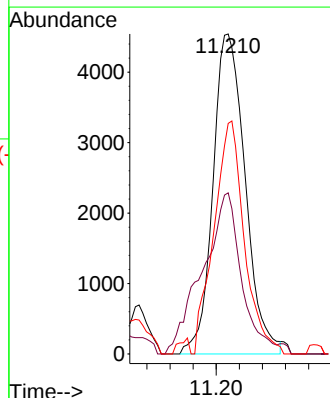
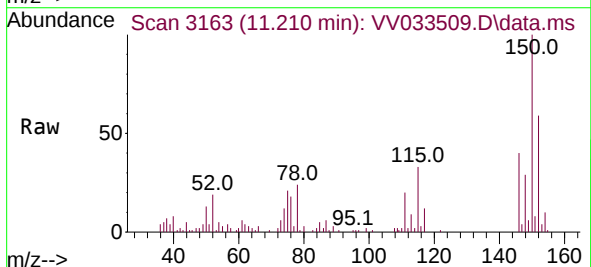
Instrument :
MSVOA_V
ClientSampleId :

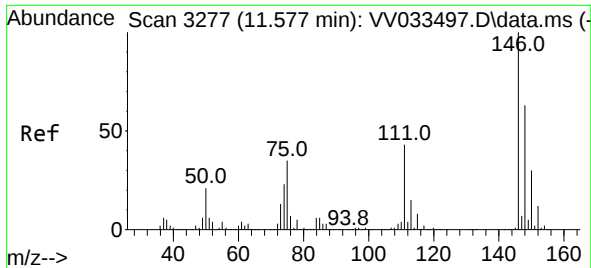
Tgt Ion:112 Resp: 8761
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 72.2 45.2 67.8#



#65
1,4-Dichlorobenzene
Concen: 2.413 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

Tgt Ion:146 Resp: 8799
Ion Ratio Lower Upper
146 100
111 50.4 27.9 51.7
148 72.0 45.5 84.5

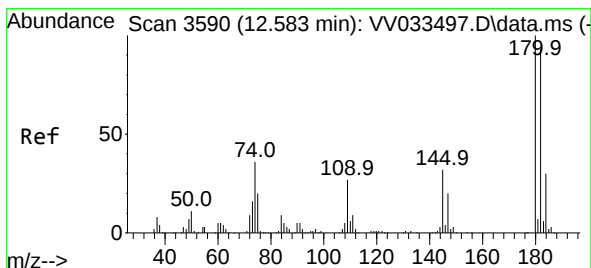
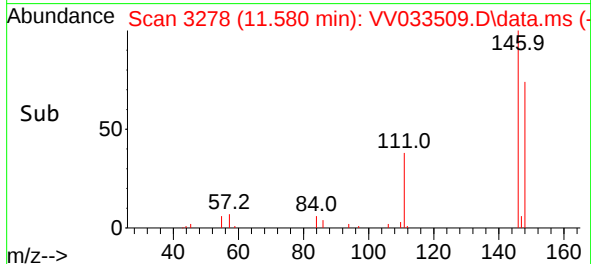
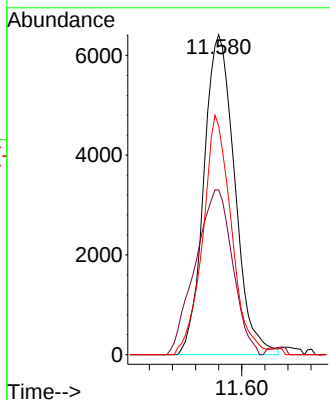
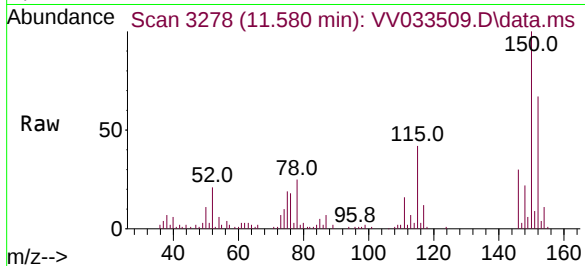




#67
1,2-Dichlorobenzene
Concen: 3.367 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

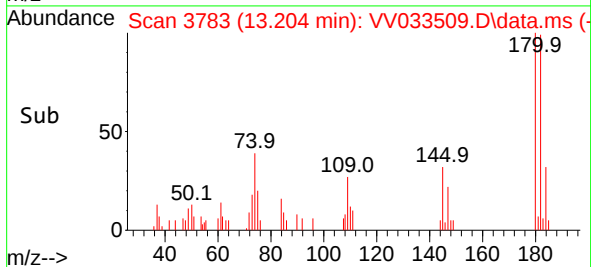
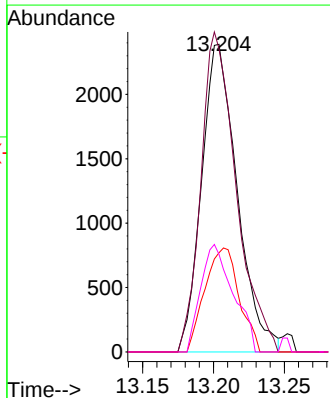
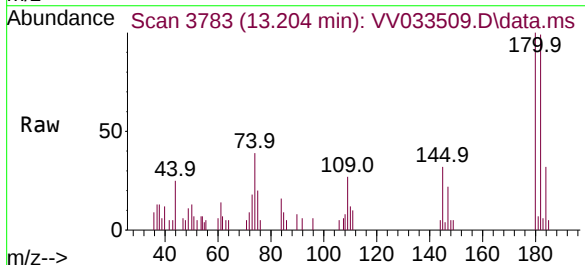
Instrument :
MSVOA_V
ClientSampleId :

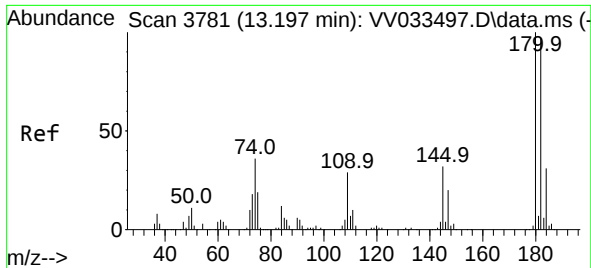
Tgt Ion:146 Resp: 11872
Ion Ratio Lower Upper
146 100
111 51.5 33.5 50.3#
148 71.5 51.1 76.7



#69
1,3,5-Trichlorobenzene
Concen: 1.785 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.620 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

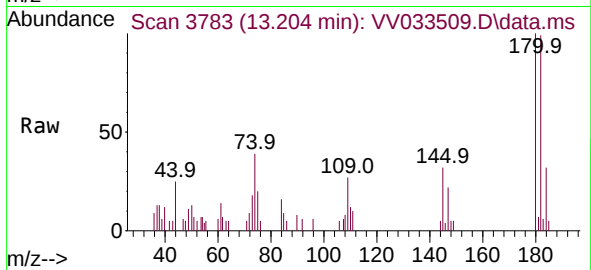
Tgt Ion:180 Resp: 4181
Ion Ratio Lower Upper
180 100
182 102.6 76.2 114.4
184 32.5 24.4 36.6
145 32.0 25.8 38.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.042 ug/L
 RT: 13.204 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV033509.D
 Acq: 20 Dec 2023 14:10

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	4181
Ion	Ratio	Lower	Upper
180	100		
182	102.6	76.1	114.1
145	32.0	25.6	38.4

