

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120123\
 Data File : VV033080.D
 Acq On : 01 Dec 2023 15:43
 Operator : SY/MD
 Sample : VV1201MBL01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 04 04:22:23 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)

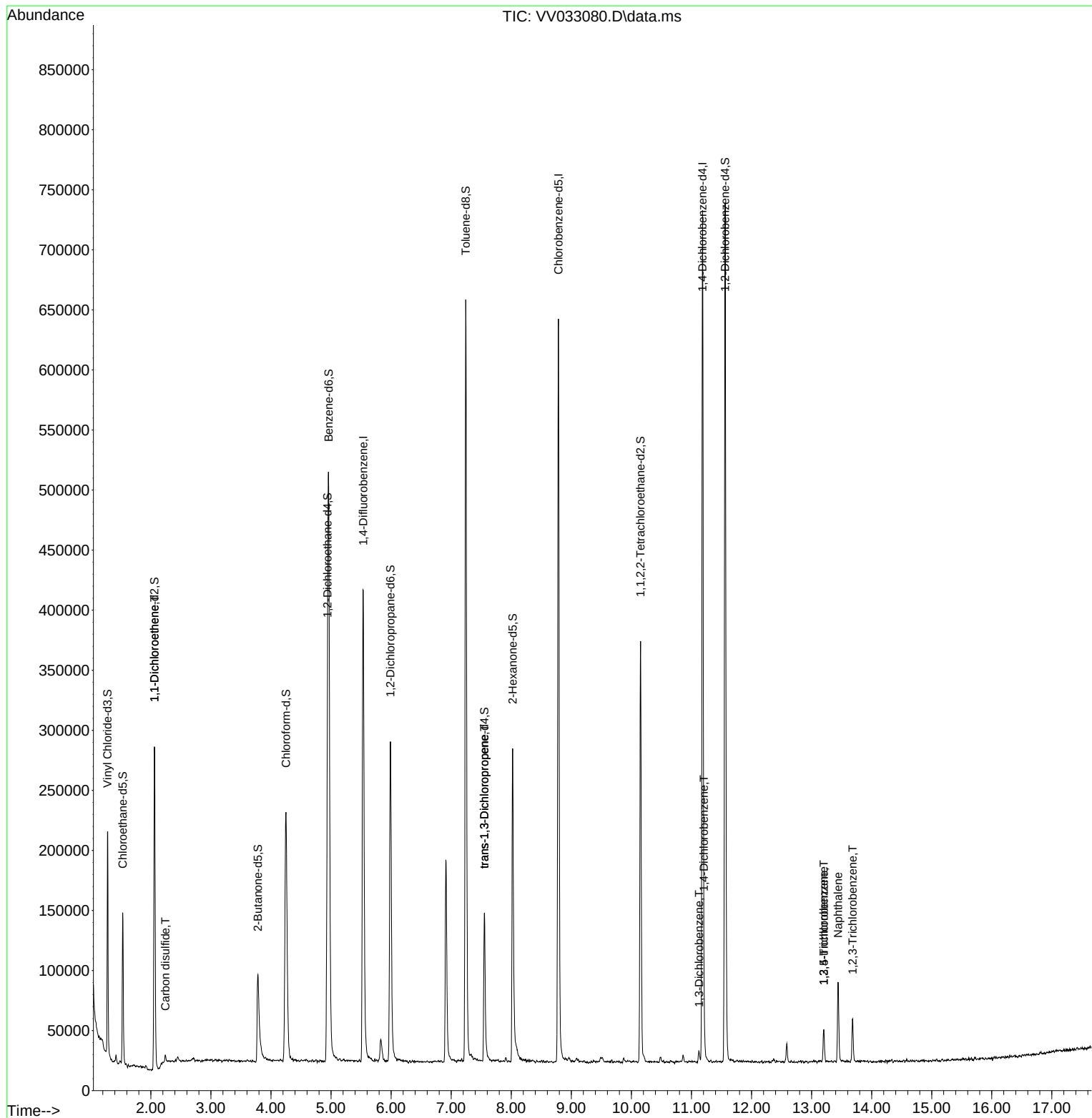
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	360456	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	351809	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	194063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	116471	54.052	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 108.100%		
7) Chloroethane-d5	1.532	69	80484	53.606	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 107.220%		
11) 1,1-Dichloroethene-d2	2.059	65	43887	53.538	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 107.080%		
21) 2-Butanone-d5	3.780	46	110110	102.883	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 102.880%		
24) Chloroform-d	4.249	84	228001	49.859	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 99.720%		
26) 1,2-Dichloroethane-d4	4.940	65	147419	51.851	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 103.700%		
32) Benzene-d6	4.960	84	453975	55.174	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.340%		
36) 1,2-Dichloropropane-d6	5.989	67	122507	55.375	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 110.740%		
41) Toluene-d8	7.243	98	424389	54.069	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 108.140%		
43) trans-1,3-Dichloroprop...	7.551	79	73685	52.672	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 105.340%		
47) 2-Hexanone-d5	8.024	63	89371	100.556	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 100.560%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	153975	48.960	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 97.920%		
66) 1,2-Dichlorobenzene-d4	11.561	152	189894	54.997	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 110.000%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.059	96	1791	0.991	ug/L	# 1
14) Carbon disulfide	2.243	76	6472	0.998	ug/L	100
44) trans-1,3-Dichloropropene	7.554	75	4341	1.147	ug/L	87
64) 1,3-Dichlorobenzene	11.127	146	4476	0.749	ug/L	87
65) 1,4-Dichlorobenzene	11.207	146	5470	0.881	ug/L	95
69) 1,3,5-Trichlorobenzene	13.204	180	9295	1.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	9295	2.101	ug/L	99
71) Naphthalene	13.442	128	55268	5.123	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	12111	2.837	ug/L	96

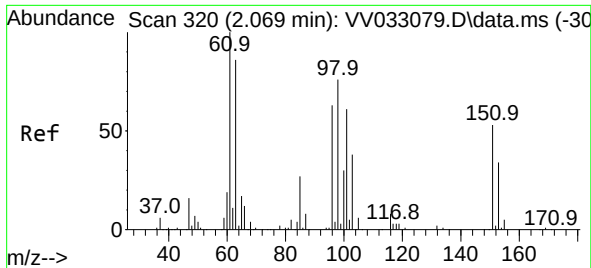
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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Quant Time: Dec 04 04:22:23 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





#12

1,1-Dichloroethene

Concen: 0.991 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.010 min

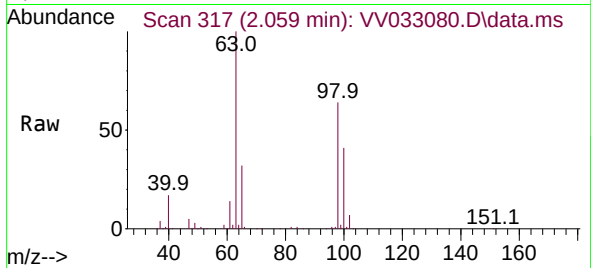
Lab File: VV033080.D

Acq: 01 Dec 2023 15:43

Instrument :

MSVOA_V

ClientSampleId :



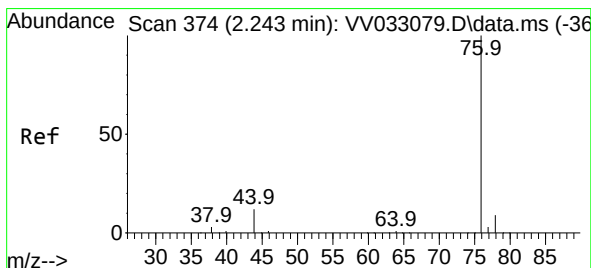
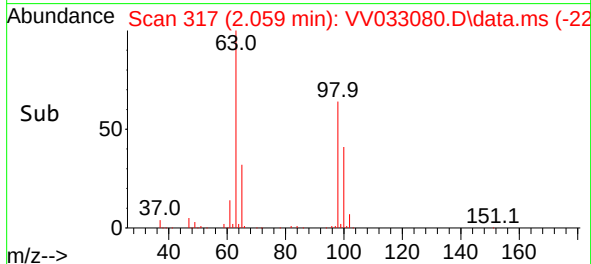
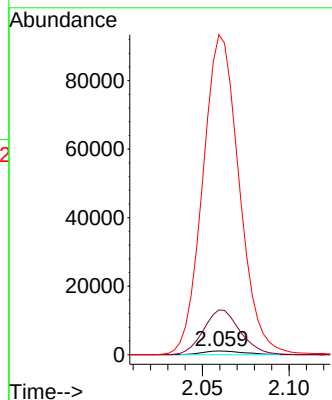
Tgt Ion: 96 Resp: 1791

Ion Ratio Lower Upper

96 100

61 1197.4 109.1 202.7#

63 8561.7 85.3 158.3#



#14

Carbon disulfide

Concen: 0.998 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033080.D

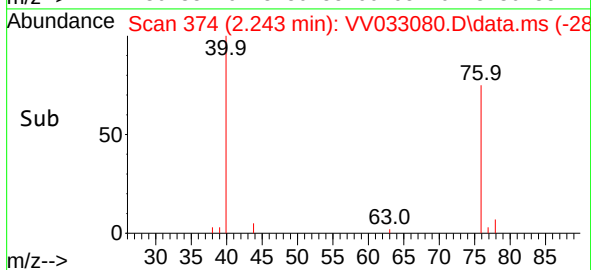
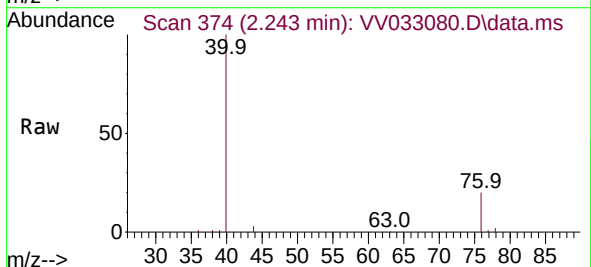
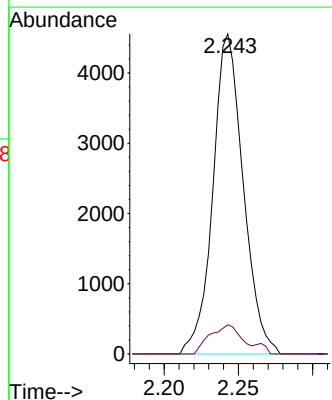
Acq: 01 Dec 2023 15:43

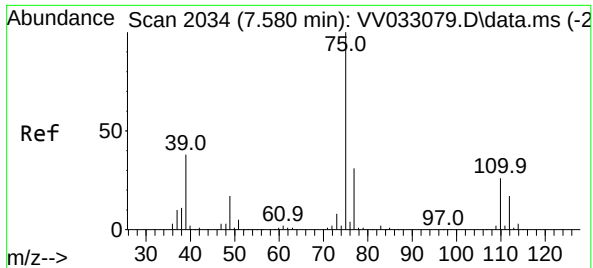
Tgt Ion: 76 Resp: 6472

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

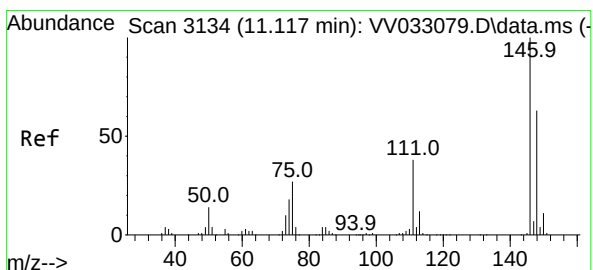
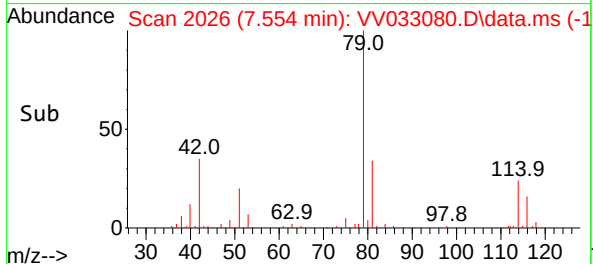
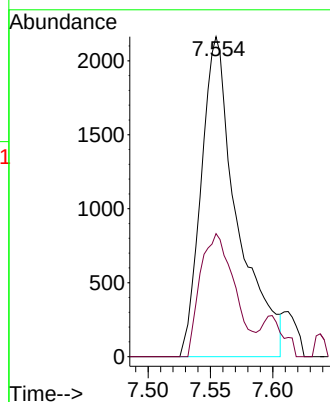
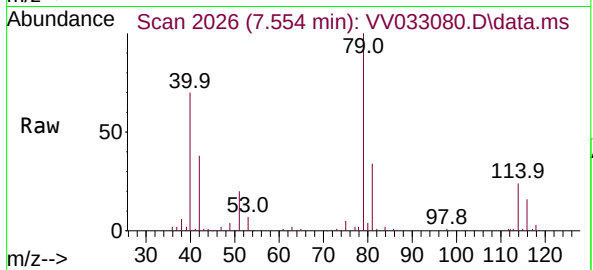




#44
trans-1,3-Dichloropropene
Concen: 1.147 ug/L
RT: 7.554 min Scan# 2034
Delta R.T. -0.026 min
Lab File: VV033080.D
Acq: 01 Dec 2023 15:43

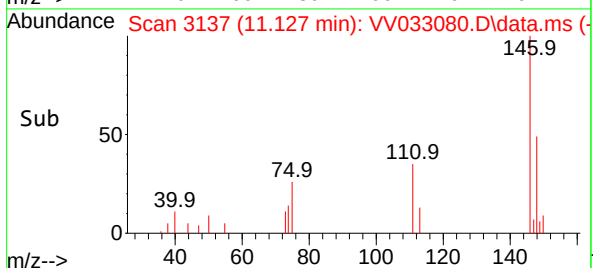
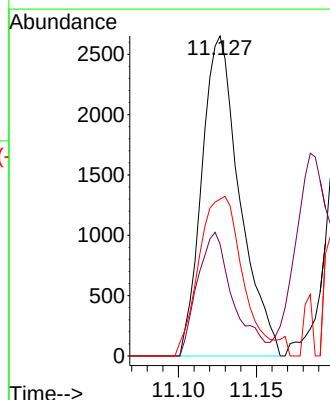
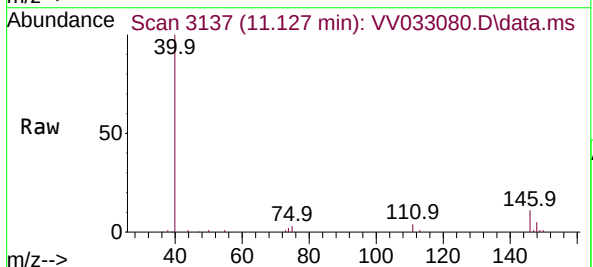
Instrument :
MSVOA_V
ClientSampleId :

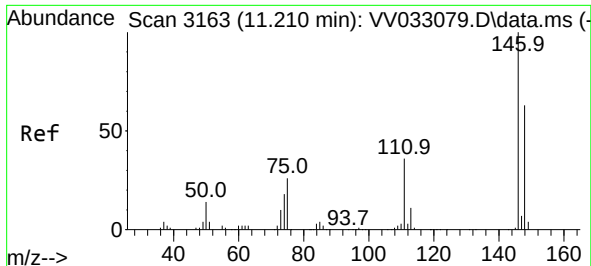
Tgt Ion: 75 Resp: 4341
Ion Ratio Lower Upper
75 100
77 38.5 22.0 41.0



#64
1,3-Dichlorobenzene
Concen: 0.749 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.009 min
Lab File: VV033080.D
Acq: 01 Dec 2023 15:43

Tgt Ion: 146 Resp: 4476
Ion Ratio Lower Upper
146 100
111 35.0 26.2 48.6
148 48.9 44.5 82.7

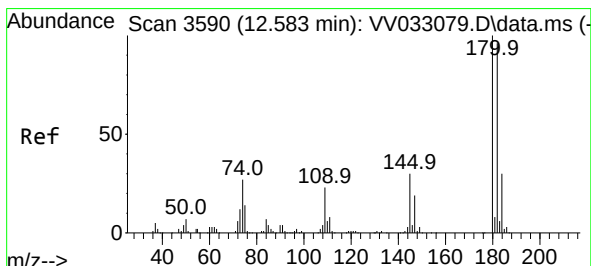
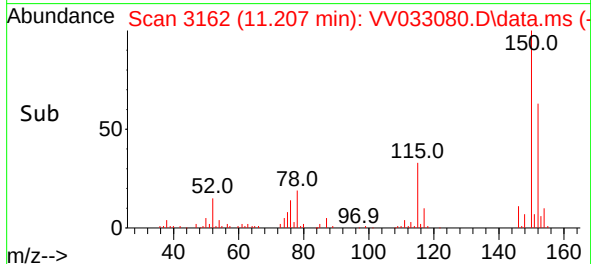
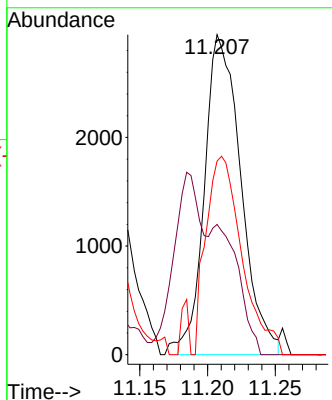
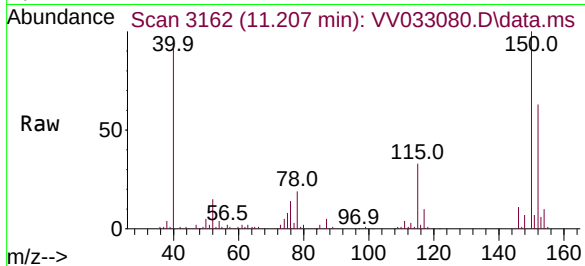




#65
1,4-Dichlorobenzene
Concen: 0.881 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VV033080.D
Acq: 01 Dec 2023 15:43

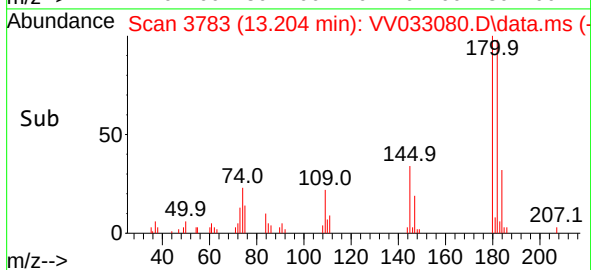
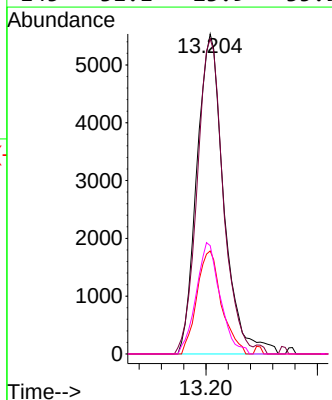
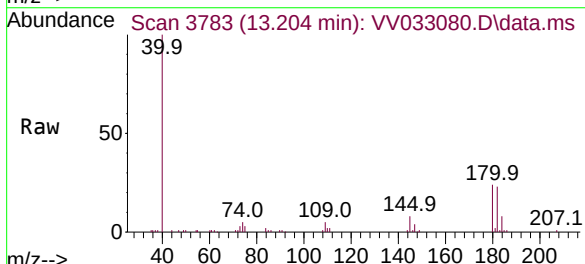
Instrument :
MSVOA_V
ClientSampleId :

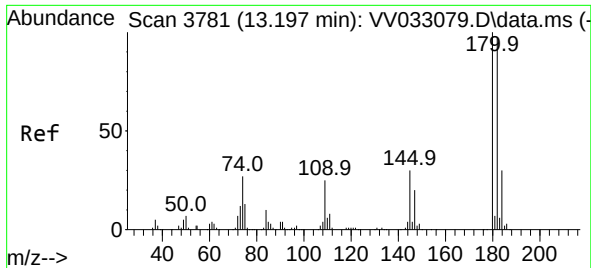
Tgt Ion:146 Resp: 5470
Ion Ratio Lower Upper
146 100
111 40.7 25.9 48.1
148 60.5 44.9 83.5



#69
1,3,5-Trichlorobenzene
Concen: 1.941 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.620 min
Lab File: VV033080.D
Acq: 01 Dec 2023 15:43

Tgt Ion:180 Resp: 9295
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
184 29.4 24.2 36.4
145 31.1 23.9 35.9

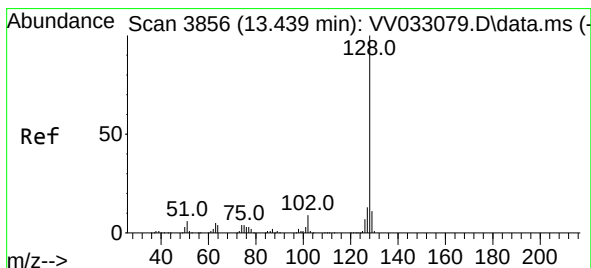
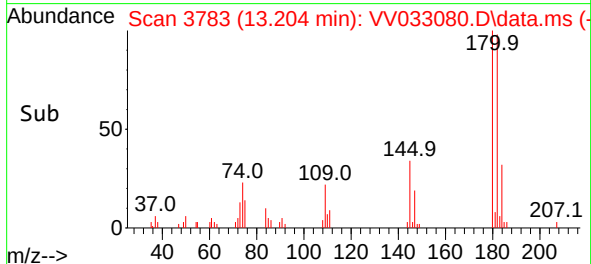
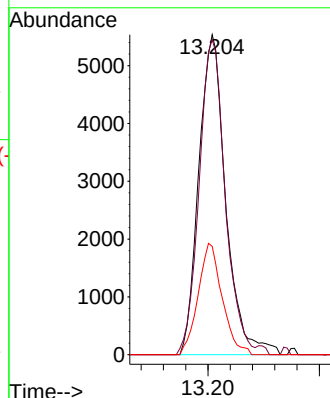
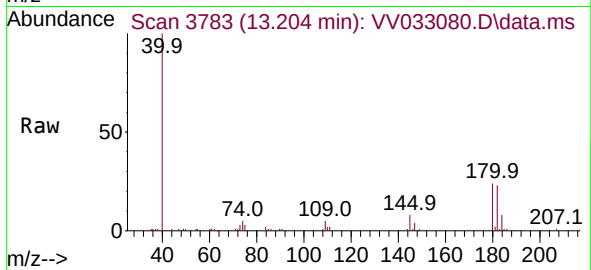




#70
1,2,4-trichlorobenzene
Concen: 2.101 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV033080.D
Acq: 01 Dec 2023 15:43

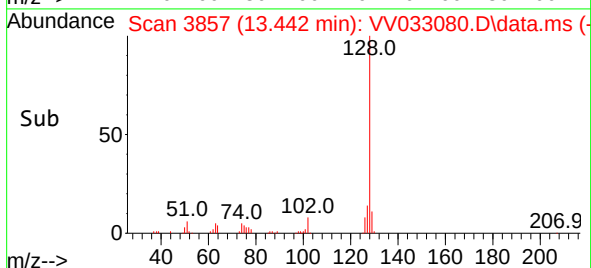
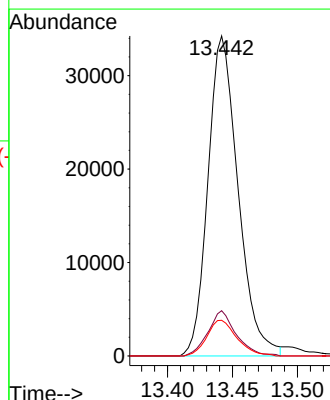
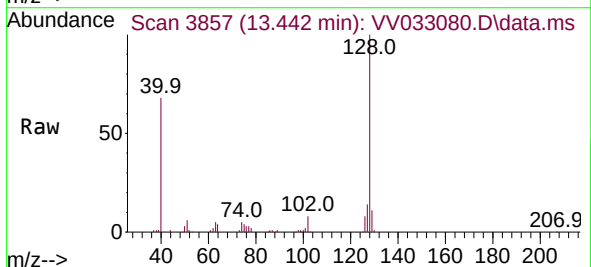
Instrument :
MSVOA_V
ClientSampleId :

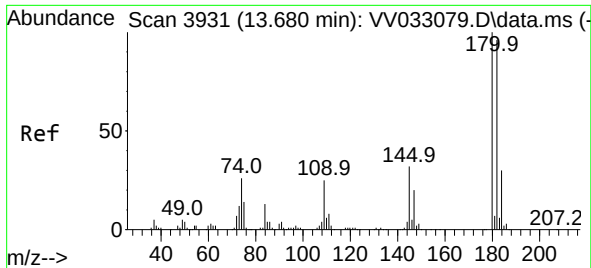
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.3	114.5
145	31.1	23.4	35.0



#71
Naphthalene
Concen: 5.123 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033080.D
Acq: 01 Dec 2023 15:43

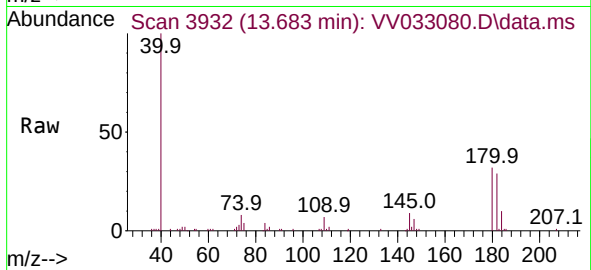
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.1	8.6	13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.837 ug/L
 RT: 13.683 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV033080.D
 Acq: 01 Dec 2023 15:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 12111
 Ion Ratio Lower Upper
 180 100
 182 90.6 75.2 112.8
 145 28.7 24.9 37.3

