

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VW033462.D
 Acq On : 18 Dec 2023 17:26
 Operator : SY/MD
 Sample : 05807-14 50X
 Misc : 5.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:14:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

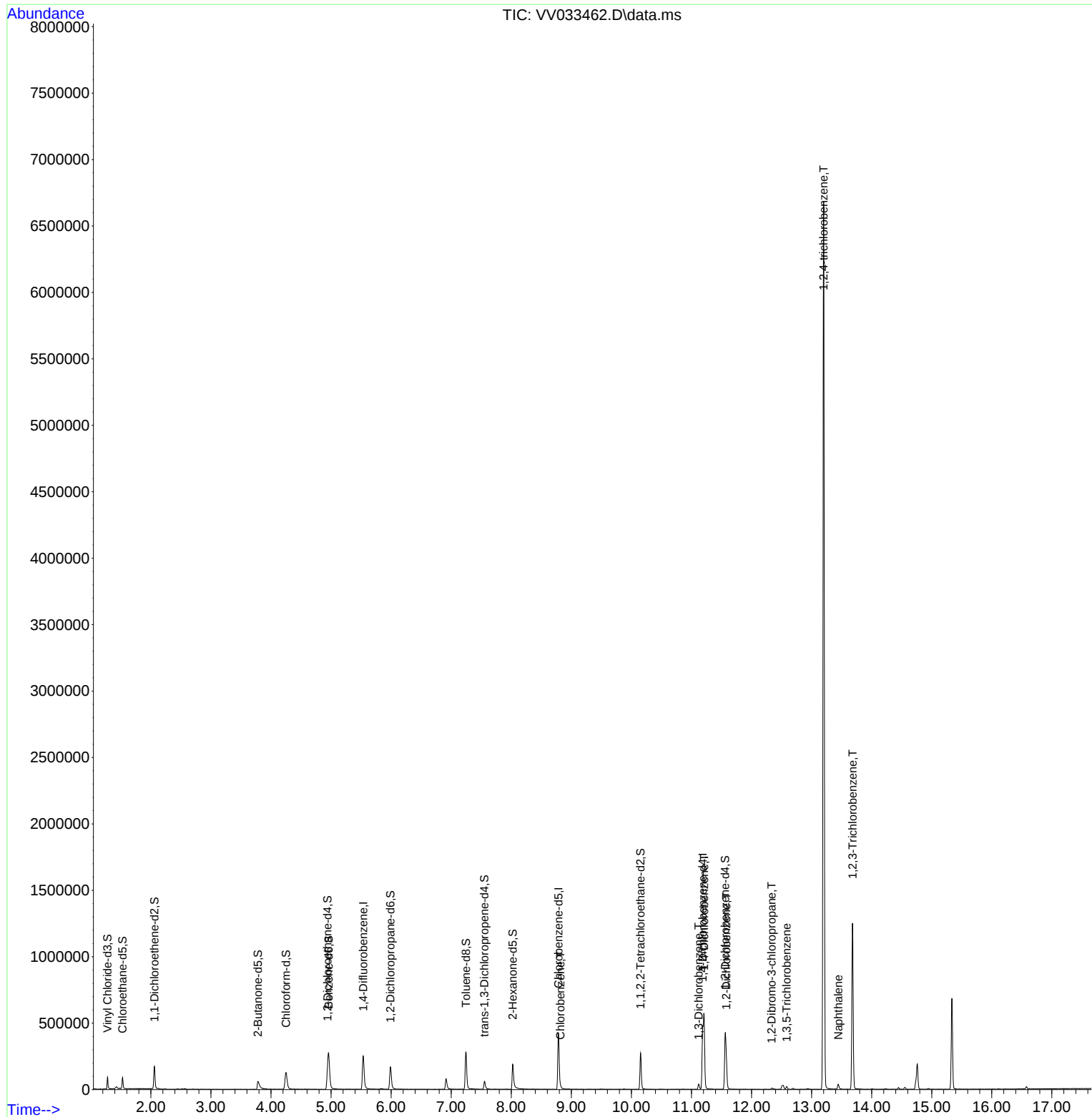
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219959	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	102894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54326	32.072	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.140%		
7) Chloroethane-d5	1.529	69	54565	35.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.800%		
11) 1,1-Dichloroethene-d2	2.060	65	28596	33.913	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.820%		
21) 2-Butanone-d5	3.783	46	90242	105.707	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.710%		
24) Chloroform-d	4.249	84	133251	39.769	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.540%		
26) 1,2-Dichloroethane-d4	4.941	65	87316	42.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.840%		
32) Benzene-d6	4.960	84	232110	37.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.980%		
36) 1,2-Dichloropropane-d6	5.989	67	77082	41.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.140%		
41) Toluene-d8	7.246	98	187154	33.481	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.960%#		
43) trans-1,3-Dichloroprop...	7.555	79	33112	36.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.880%		
47) 2-Hexanone-d5	8.024	63	60374	96.813	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.810%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	122063	45.806	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.620%		
66) 1,2-Dichlorobenzene-d4	11.561	152	90793	46.957	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.920%		
Target Compounds						Qvalue
51) Chlorobenzene	8.818	112	11102	2.404	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	15583	5.131	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	200865	61.457	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	74534	23.581	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.336	75	2172	4.862	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.583	180	5359	2.552	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	1709226	931.028	ug/L	99
71) Naphthalene	13.445	128	28877	5.846	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	339249	188.923	ug/L	99

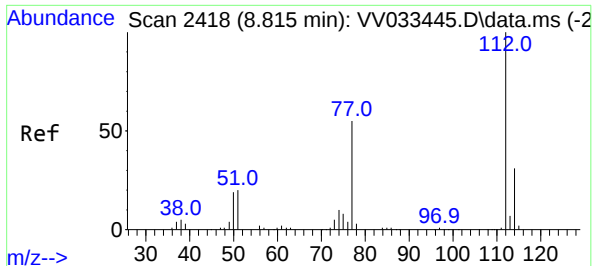
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

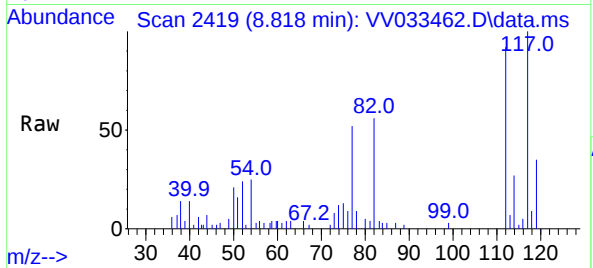
Quant Time: Dec 19 01:14:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
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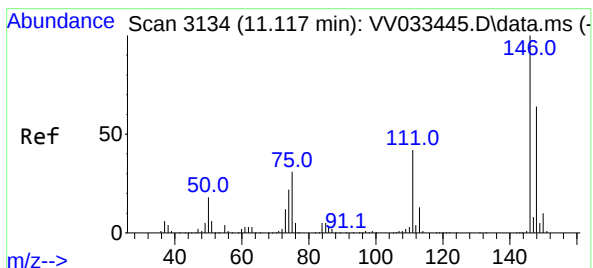
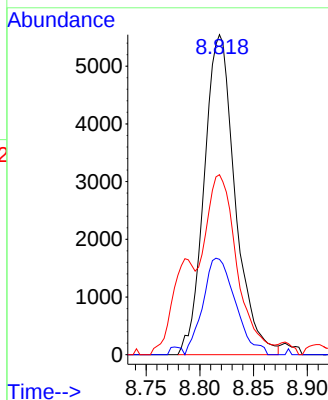
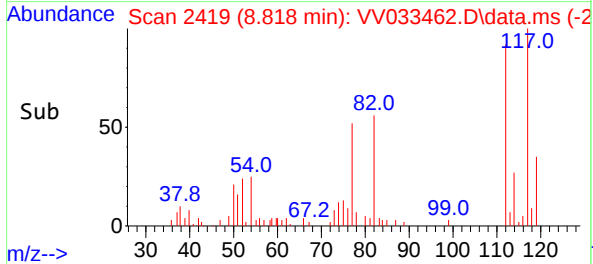


#51
Chlorobenzene
Concen: 2.404 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26

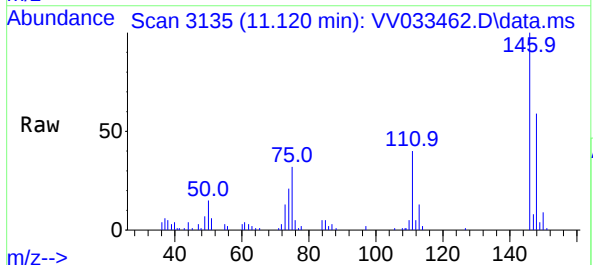
Instrument :
MSVOA_V
ClientSampleId :



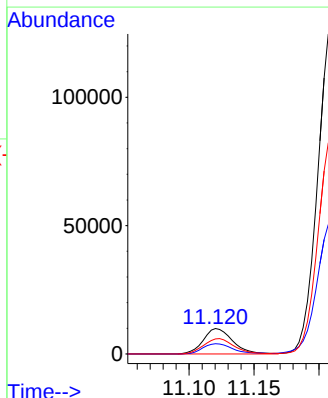
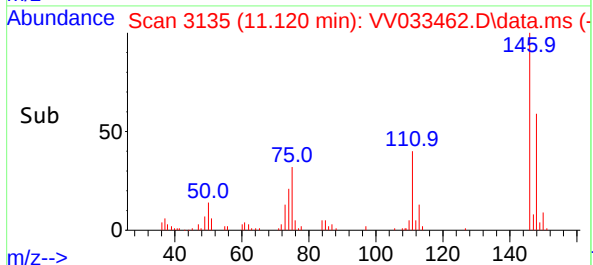
Tgt Ion:112 Resp: 11102
Ion Ratio Lower Upper
112 100
114 29.8 22.5 41.7
77 56.3 45.2 67.8

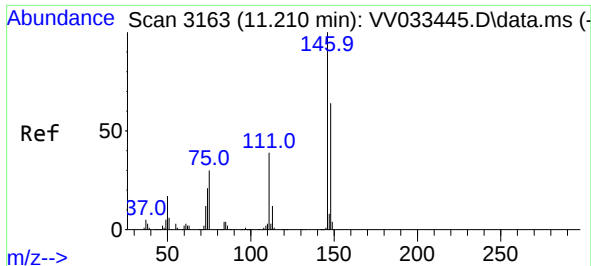


#64
1,3-Dichlorobenzene
Concen: 5.131 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26



Tgt Ion:146 Resp: 15583
Ion Ratio Lower Upper
146 100
111 40.3 29.3 54.5
148 59.2 45.4 84.4

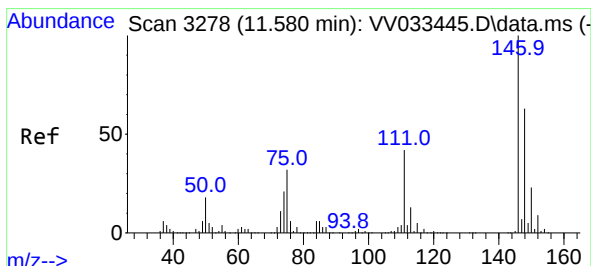
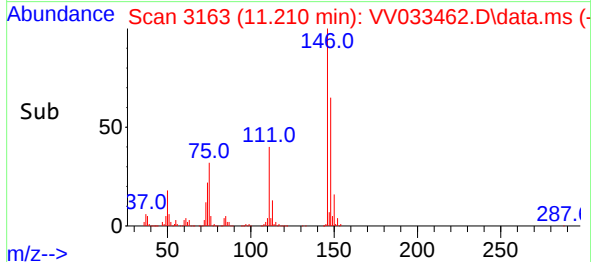
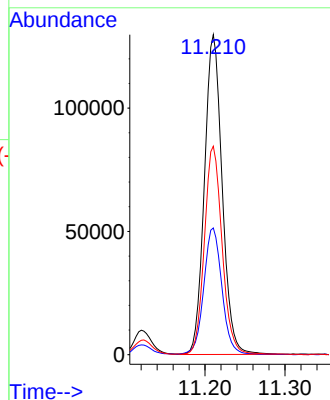
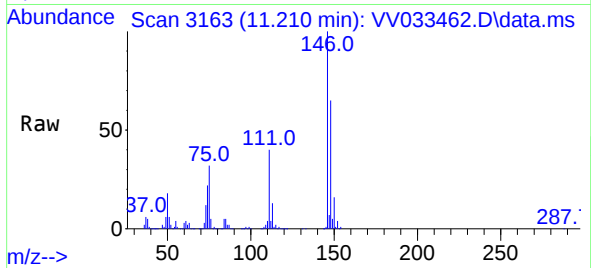




#65
1,4-Dichlorobenzene
Concen: 61.457 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26

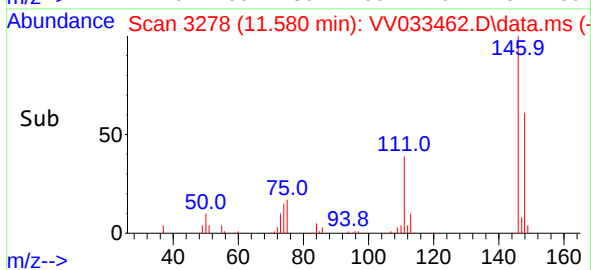
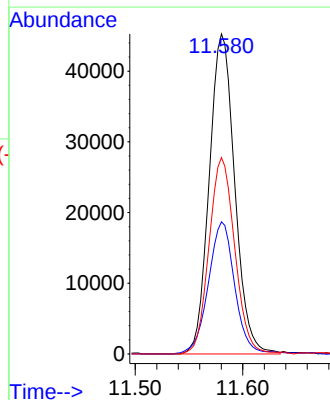
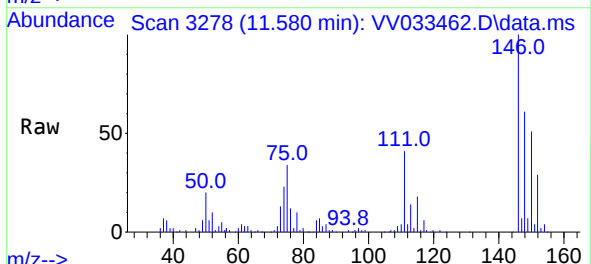
Instrument :
MSVOA_V
ClientSampleId :

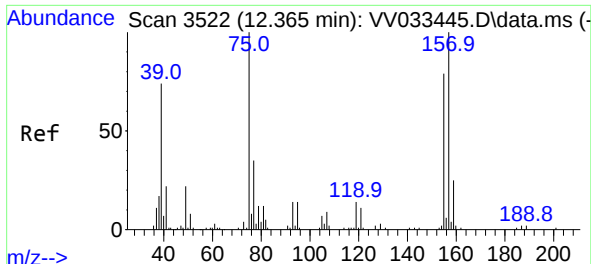
Tgt Ion:146 Resp: 200865
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 65.2 45.5 84.5



#67
1,2-Dichlorobenzene
Concen: 23.581 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26

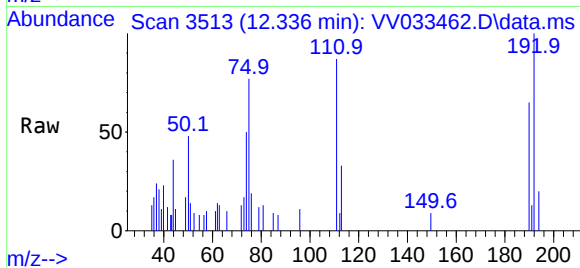
Tgt Ion:146 Resp: 74534
Ion Ratio Lower Upper
146 100
111 41.3 33.5 50.3
148 61.3 51.1 76.7



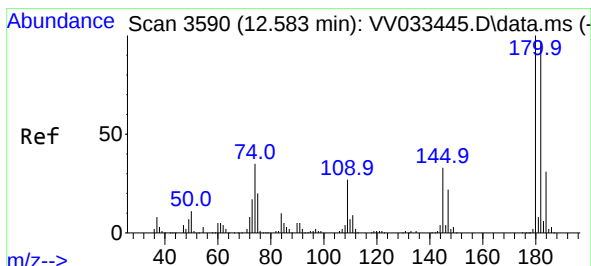
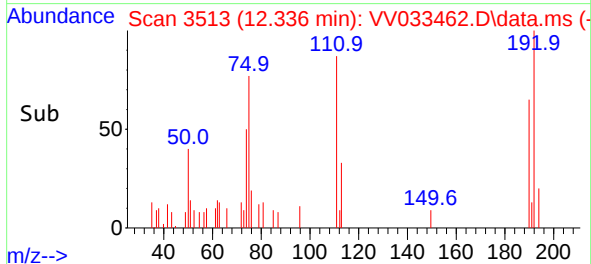
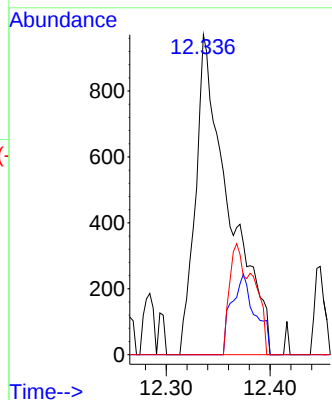


#68
1,2-Dibromo-3-chloropropane
Concen: 4.862 ug/L
RT: 12.336 min Scan# 3513
Delta R.T. -0.029 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26

Instrument :
MSVOA_V
ClientSampleId :

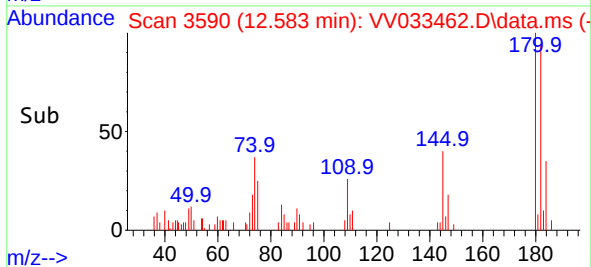
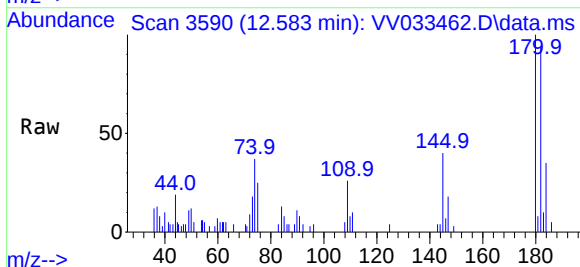
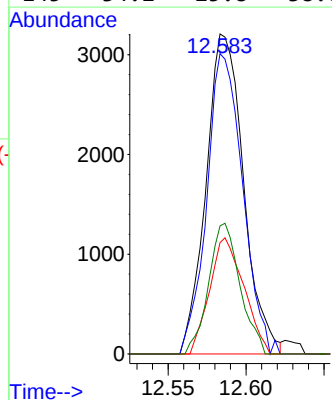


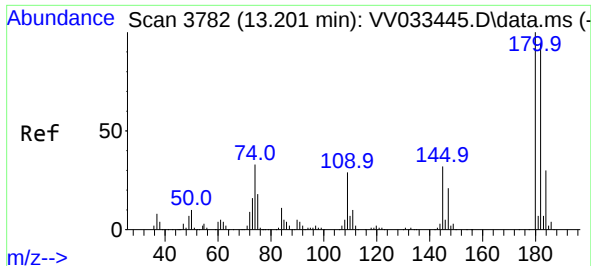
Tgt Ion: 75 Resp: 2172
Ion Ratio Lower Upper
75 100
155 0.0 69.4 104.0#
157 0.0 81.1 121.7#



#69
1,3,5-Trichlorobenzene
Concen: 2.552 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.000 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26

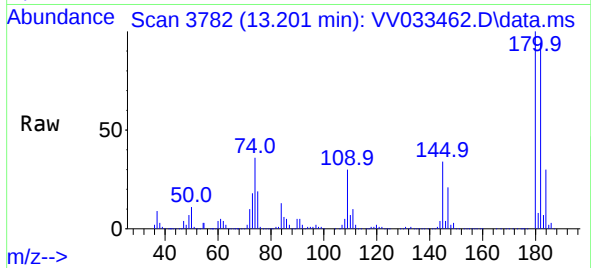
Tgt Ion: 180 Resp: 5359
Ion Ratio Lower Upper
180 100
182 89.3 76.2 114.4
184 33.2 24.4 36.6
145 34.2 25.8 38.6



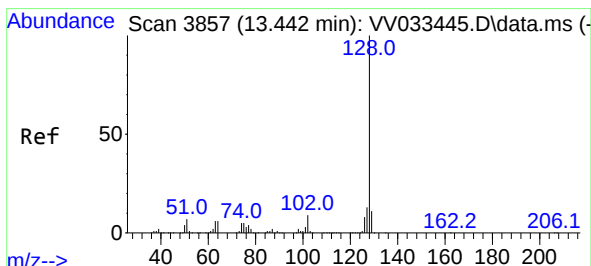
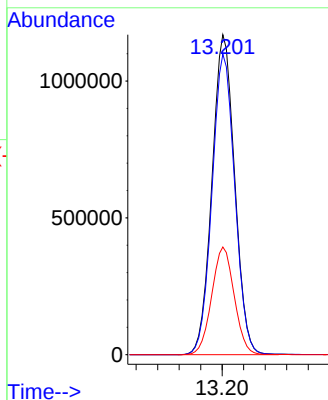
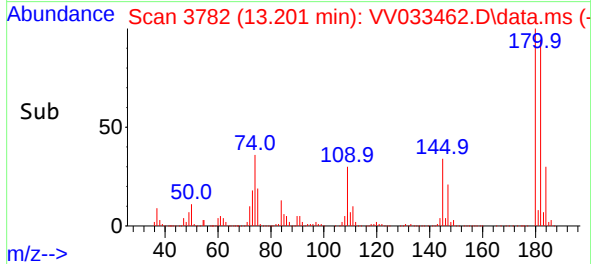


#70
1,2,4-trichlorobenzene
Concen: 931.028 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26

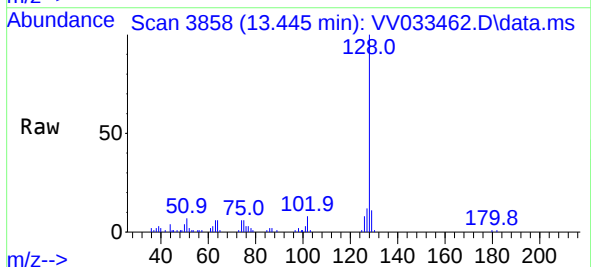
Instrument :
MSVOA_V
ClientSampleId :



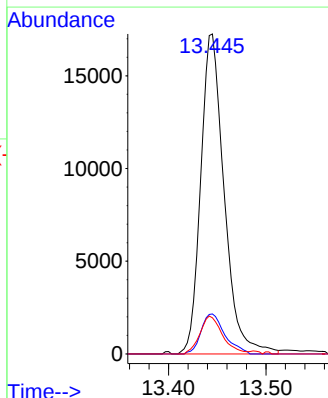
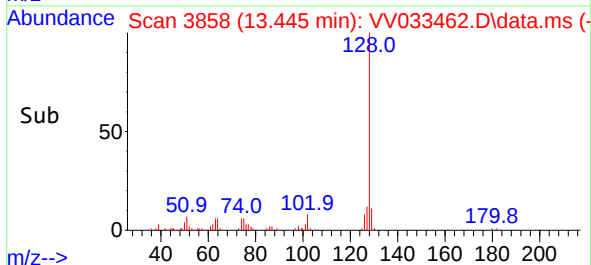
Tgt Ion:180 Resp: 1709226
Ion Ratio Lower Upper
180 100
182 94.5 76.1 114.1
145 33.5 25.6 38.4

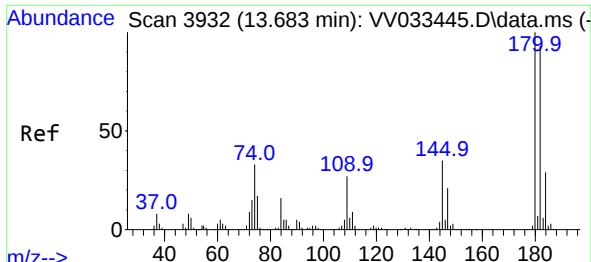


#71
Naphthalene
Concen: 5.846 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.006 min
Lab File: VV033462.D
Acq: 18 Dec 2023 17:26



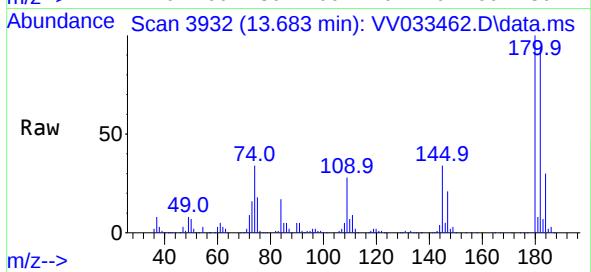
Tgt Ion:128 Resp: 28877
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.4 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 188.923 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.003 min
 Lab File: VV033462.D
 Acq: 18 Dec 2023 17:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 339249
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.2
 145 35.2 27.1 40.7

