

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026605.D
 Acq On : 30 Jun 2022 14:20
 Operator : SY/MD
 Sample : N3521-13DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

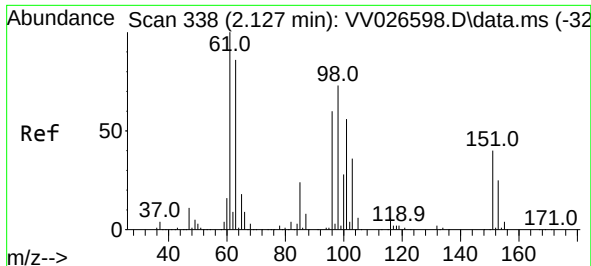
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JX7DL

Quant Time: Jul 01 00:22:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 01 00:19:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	347142	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	346018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	155855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	127636	45.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.200%		
7) Chloroethane-d5	1.580	69	115463	47.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.160%		
11) 1,1-Dichloroethene-d2	2.117	63	185426	34.785	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.580%		
21) 2-Butanone-d5	3.912	46	140444	99.130	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.130%		
24) Chloroform-d	4.358	84	260017	47.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.180%		
26) 1,2-Dichloroethane-d4	5.040	65	153461	49.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.720%		
32) Benzene-d6	5.056	84	500688	47.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.180%		
36) 1,2-Dichloropropane-d6	6.075	67	163568	49.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.720%		
41) Toluene-d8	7.320	98	407604	44.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.200%		
43) trans-1,3-Dichloroprop...	7.625	79	55265	41.534	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.060%		
47) 2-Hexanone-d5	8.091	63	103761	90.526	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.530%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	231379	48.354	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.700%		
66) 1,2-Dichlorobenzene-d4	11.622	152	168430	55.218	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.440%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	1864	0.692	ug/L #	23
33) Benzene	5.111	78	75685	6.746	ug/L	100
51) Chlorobenzene	8.882	112	418195	52.681	ug/L	98
61) 1,2,3-Trichloropropane	11.185	75	4148	1.486	ug/L #	49
64) 1,3-Dichlorobenzene	11.185	146	15502	3.225	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	129152	25.910	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	177549	36.247	ug/L	99
69) 1,3,5-Trichlorobenzene	13.262	180	18358	5.549	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	18358	6.601	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	4231	1.499	ug/L	98

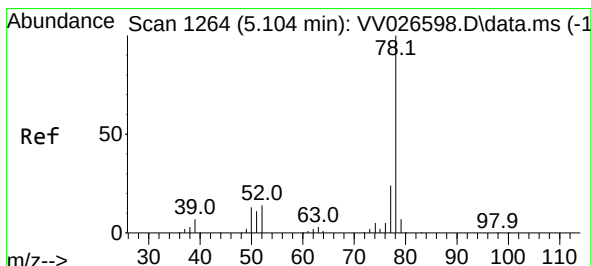
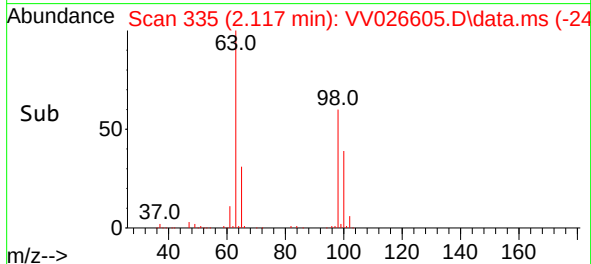
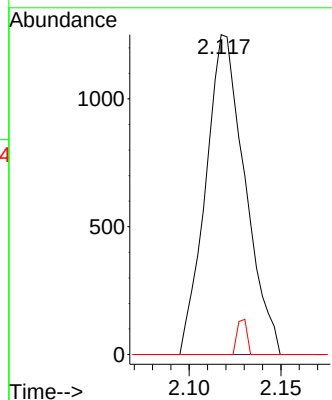
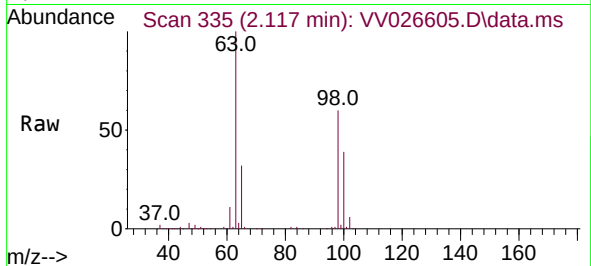
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.692 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

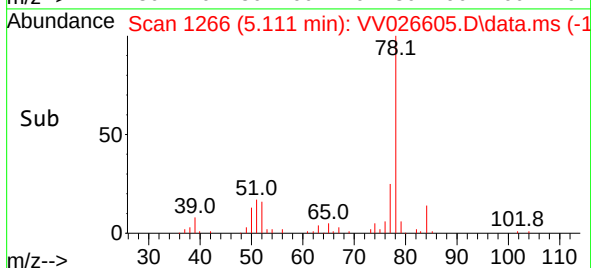
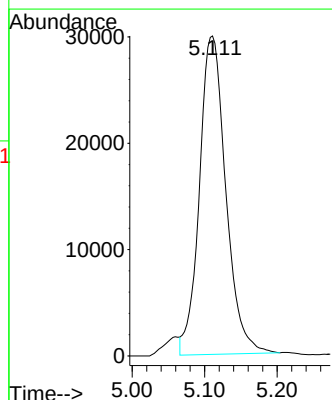
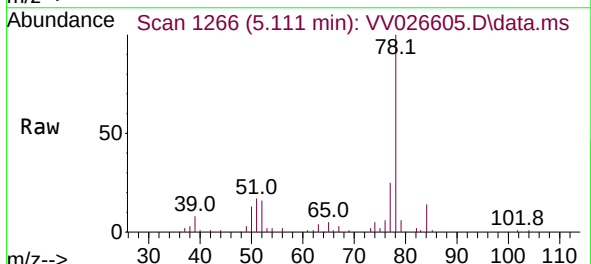
Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

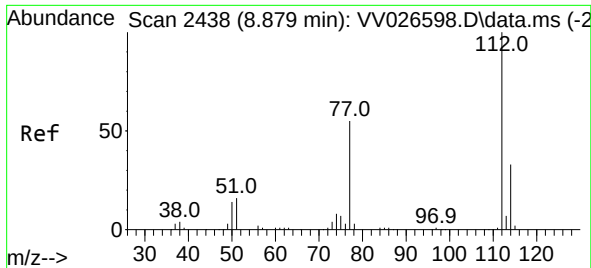
Tgt Ion:101 Resp: 1864
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 2.8 56.9 85.3#



#33
Benzene
Concen: 6.746 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion: 78 Resp: 75685

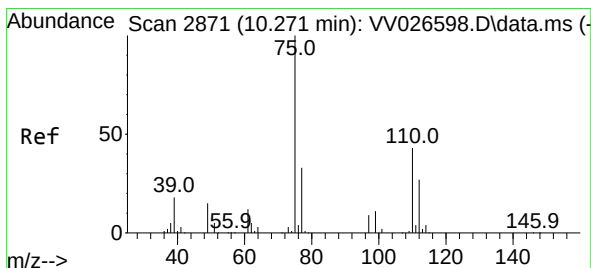
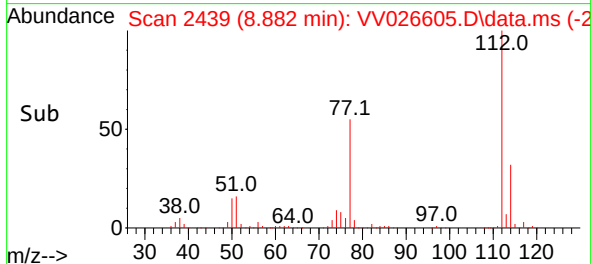
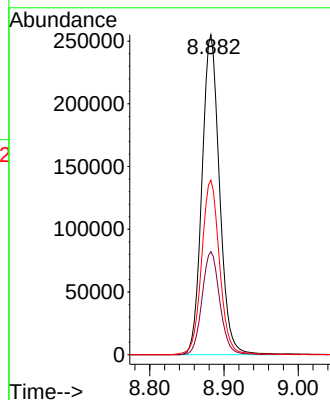
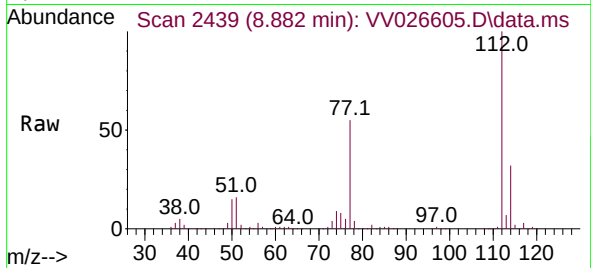




#51
Chlorobenzene
Concen: 52.681 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

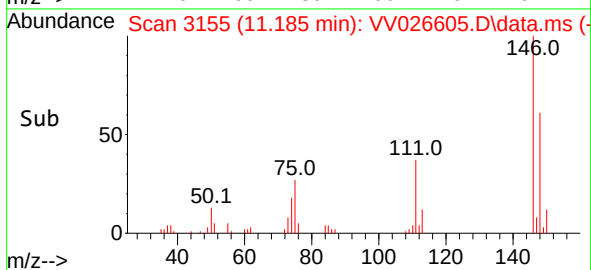
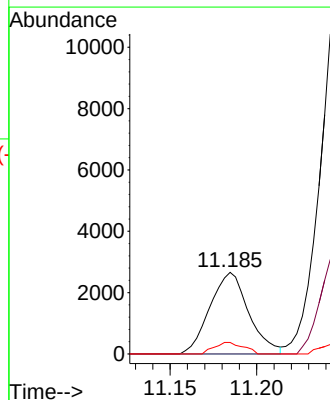
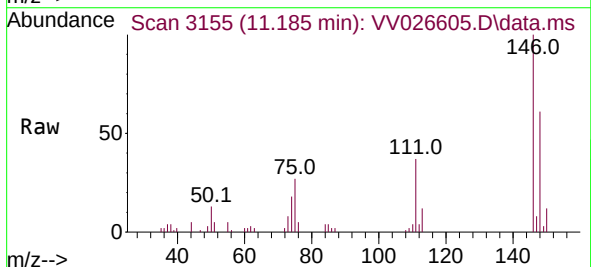
Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

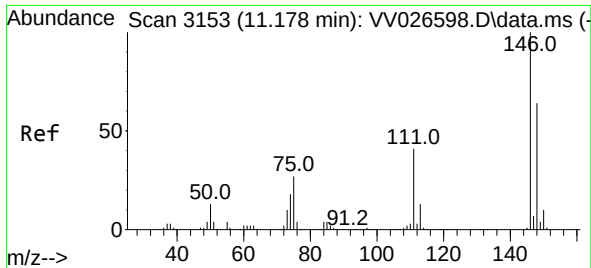
Tgt Ion:112 Resp: 418195
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 54.5 42.4 63.6



#61
1,2,3-Trichloropropane
Concen: 1.486 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.913 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion: 75 Resp: 4148
Ion Ratio Lower Upper
75 100
77 1.8 25.8 38.6#
110 10.6 32.8 49.2#

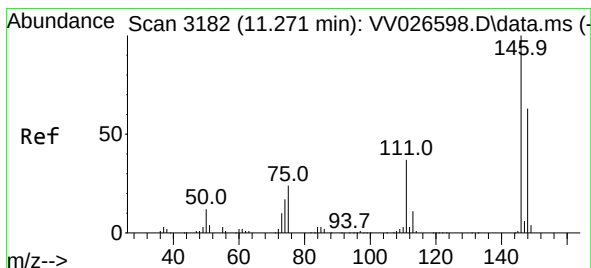
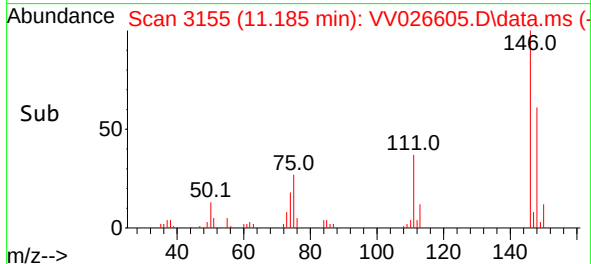
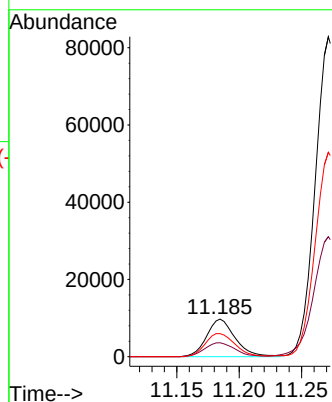
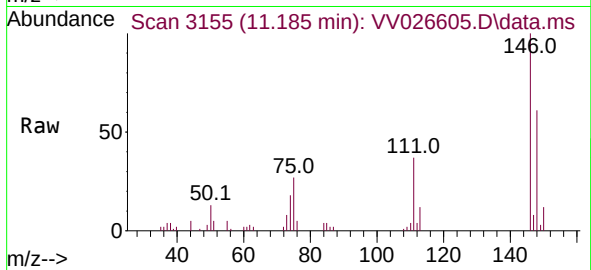




#64
1,3-Dichlorobenzene
Concen: 3.225 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

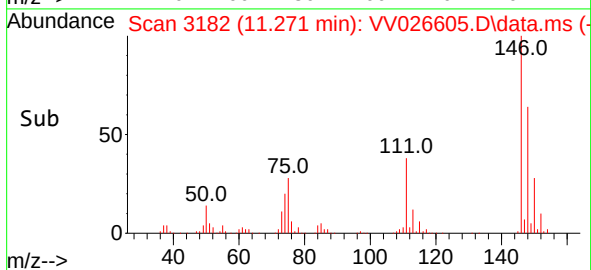
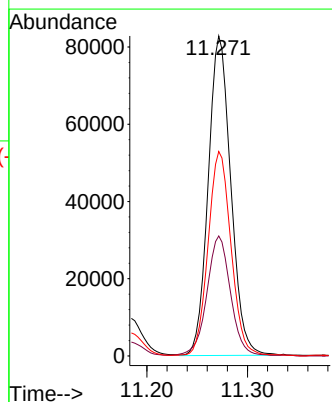
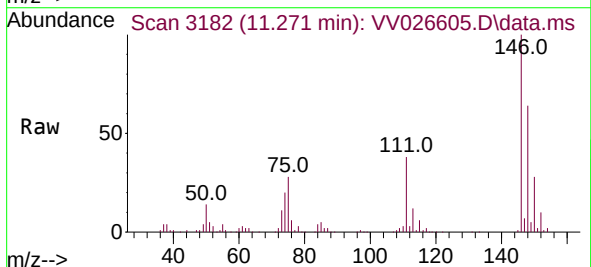
Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

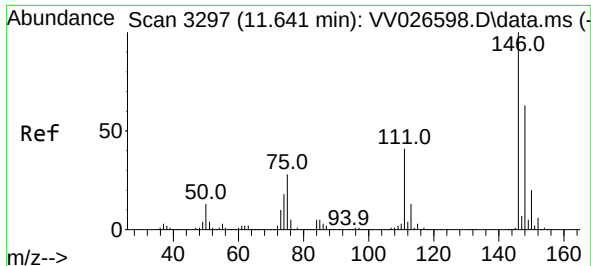
Tgt Ion:146 Resp: 15502
Ion Ratio Lower Upper
146 100
111 37.1 27.4 51.0
148 61.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 25.910 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion:146 Resp: 129152
Ion Ratio Lower Upper
146 100
111 37.5 26.4 49.0
148 63.9 44.9 83.3

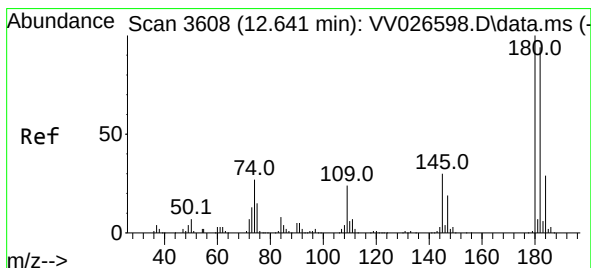
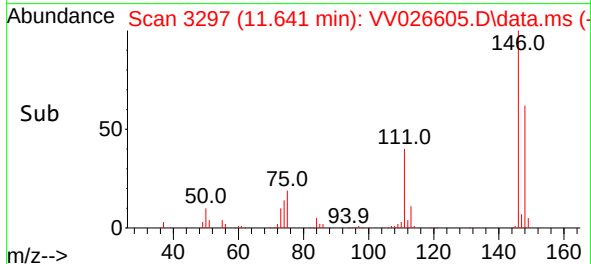
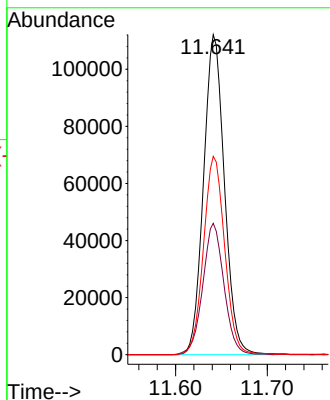
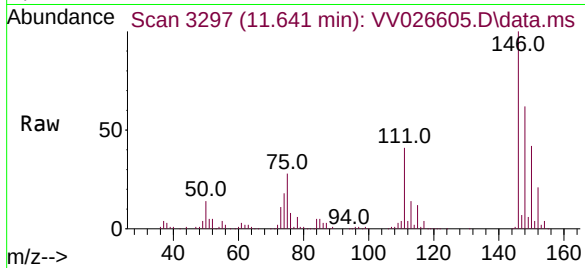




#67
1,2-Dichlorobenzene
Concen: 36.247 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

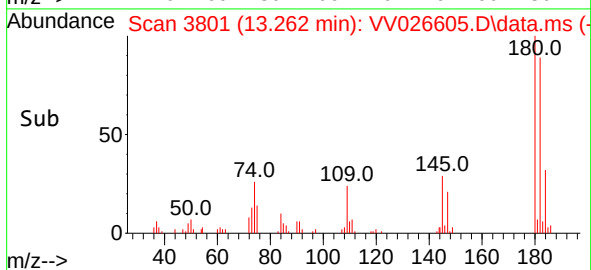
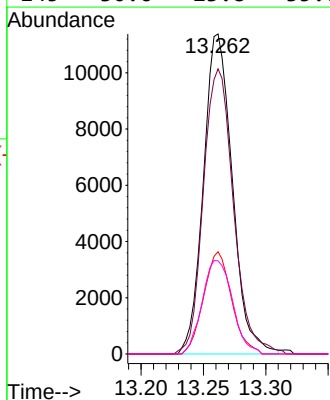
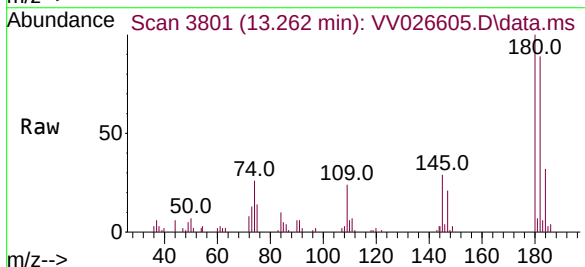
Instrument :
MSVOA_V
ClientSampleId :
C0JX7DL

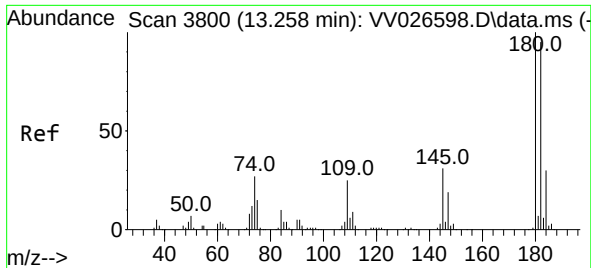
Tgt Ion:146 Resp: 177549
Ion Ratio Lower Upper
146 100
111 41.0 32.8 49.2
148 61.9 50.9 76.3



#69
1,3,5-Trichlorobenzene
Concen: 5.549 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.621 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion:180 Resp: 18358
Ion Ratio Lower Upper
180 100
182 92.6 74.9 112.3
184 30.9 23.5 35.3
145 30.6 23.8 35.6

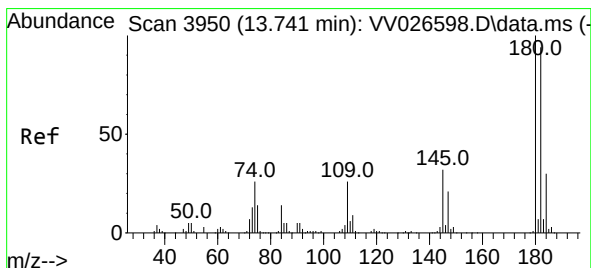
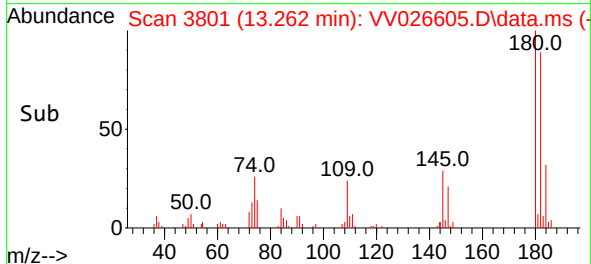
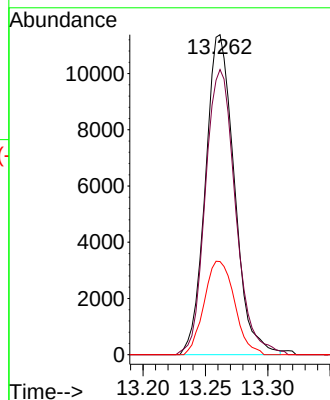
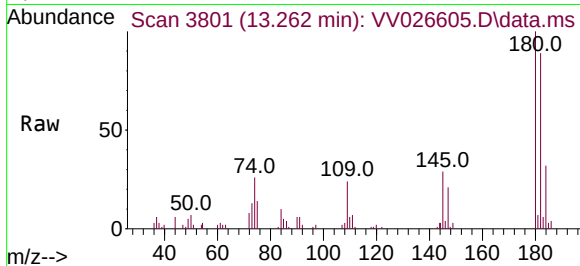




#70
1,2,4-trichlorobenzene
Concen: 6.601 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :
COJX7DL

Tgt Ion:180 Resp: 18358
Ion Ratio Lower Upper
180 100
182 92.6 75.9 113.9
145 30.6 24.5 36.7



#72
1,2,3-Trichlorobenzene
Concen: 1.499 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026605.D
Acq: 30 Jun 2022 14:20

Tgt Ion:180 Resp: 4231
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 29.9 26.3 39.5

