

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020857.D
 Acq On : 02 Apr 2021 02:45
 Operator : SY/MD
 Sample : M1845-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 08:33:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

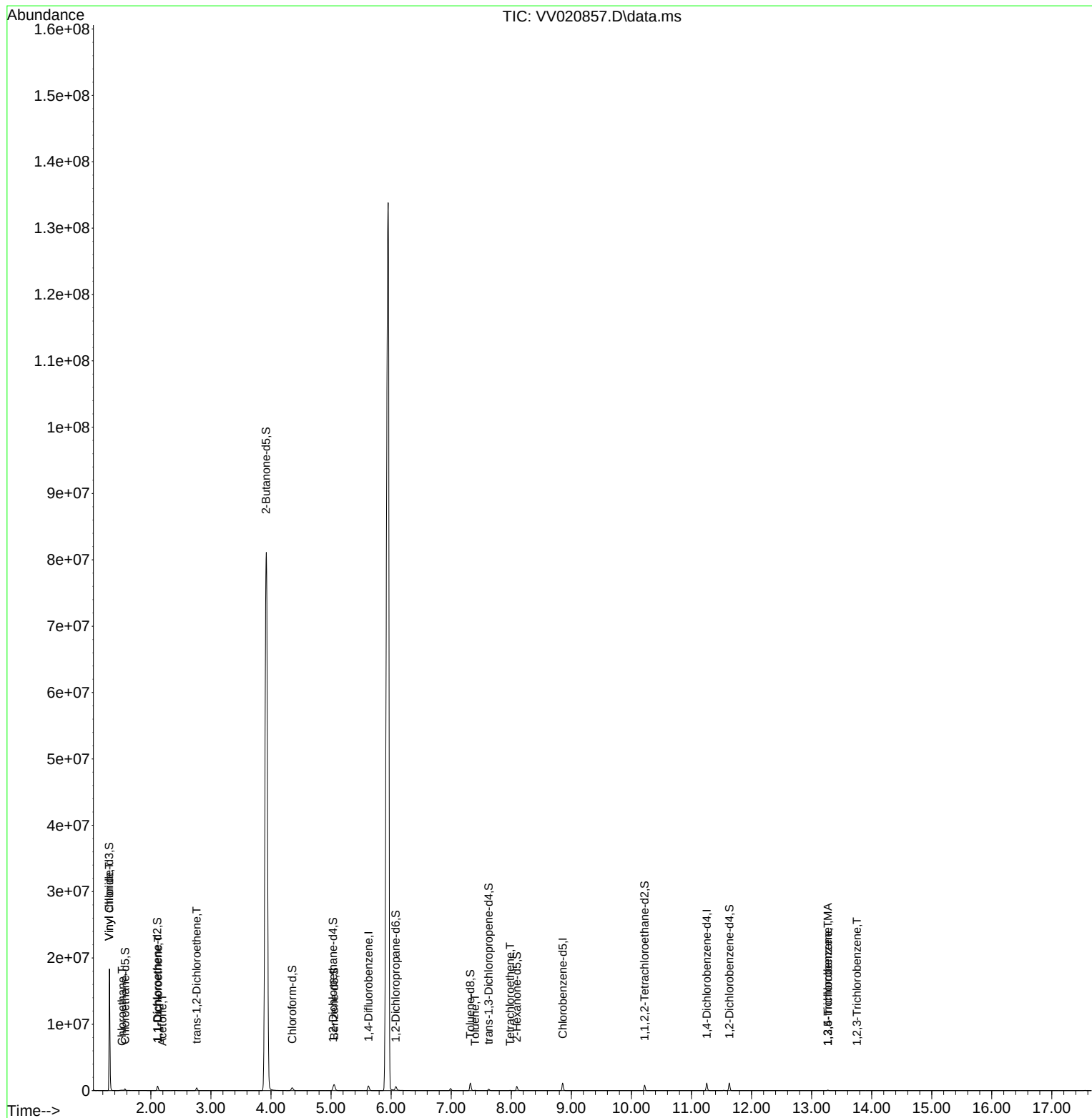
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	634250	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	617930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	302338	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	236680	52.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.12%			
7) Chloroethane-d5	1.571	69	131817	38.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.44%			
11) 1,1-Dichloroethene-d2	2.108	63	297265	34.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.98%			
21) 2-Butanone-d5	3.918	46	263319	89.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.89%			
24) Chloroform-d	4.352	84	432705	48.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.70%			
26) 1,2-Dichloroethane-d4	5.034	65	299428	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.58%			
32) Benzene-d6	5.053	84	779507	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.66%			
36) 1,2-Dichloropropane-d6	6.079	67	234273	46.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.66%			
41) Toluene-d8	7.320	98	722879	47.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.30%			
43) trans-1,3-Dichloroprop...	7.625	79	130532	48.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.04%			
47) 2-Hexanone-d5	8.092	63	216286	102.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.02%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	347936	47.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.48%			
64) 1,2-Dichlorobenzene-d4	11.632	152	296963	50.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.22%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	10044557	2072.87	ug/L	92
8) Chloroethane	1.520	64	102327	36.55	ug/L #	52
12) 1,1-Dichloroethene	2.121	96	85261	23.04	ug/L #	83
13) Acetone	2.192	43	8678	4.15	ug/L	61
17) trans-1,2-Dichloroethene	2.764	96	157856	37.19	ug/L	93
42) Toluene	7.397	91	36316	1.96	ug/L	96
46) Tetrachloroethene	7.982	164	10926	2.80	ug/L	95
67) 1,3,5-Trichlorobenzene	13.271	180	28315	3.96	ug/L	98
68) 1,2,4-trichlorobenzene	13.271	180	28315	4.67	ug/L	98
70) 1,2,3-Trichlorobenzene	13.754	180	6061	1.00	ug/L	97

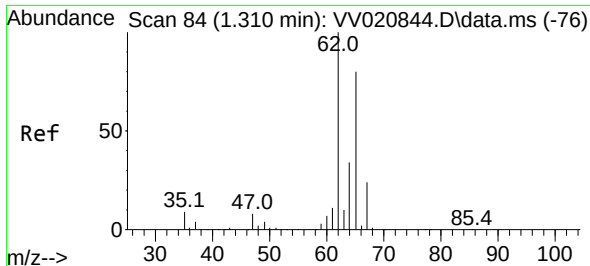
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 02 08:33:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 02 08:30:00 2021
Response via : Initial Calibration

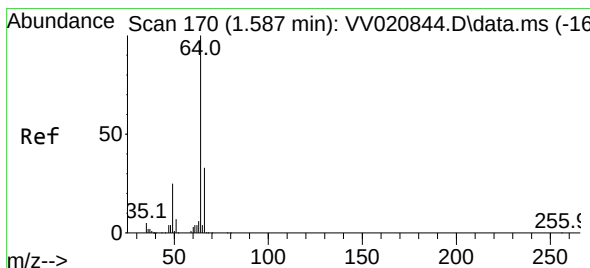
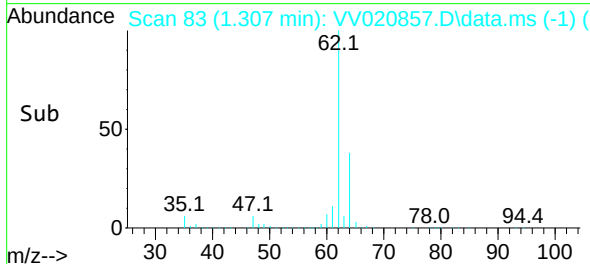
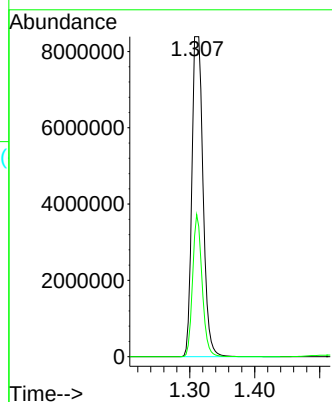
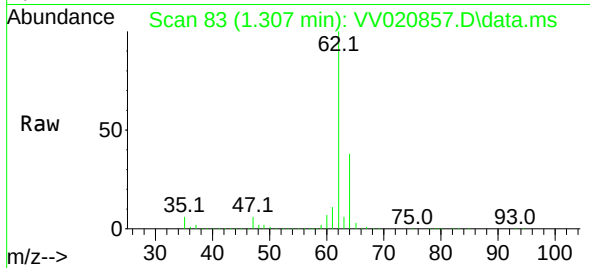




#5
 Vinyl chloride
 Concen: 2072.87 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV020857.D
 Acq: 02 Apr 2021 02:45

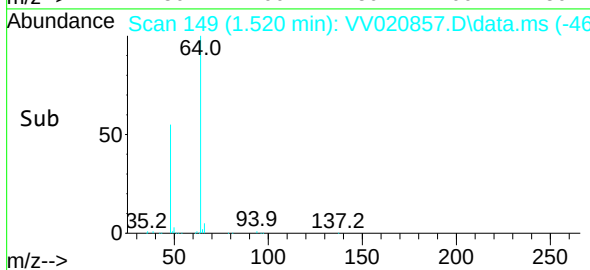
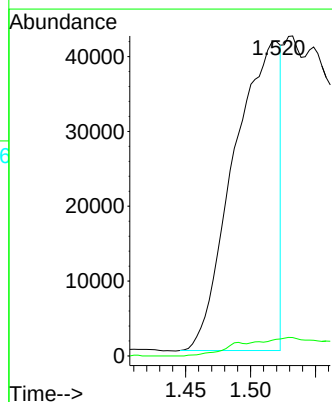
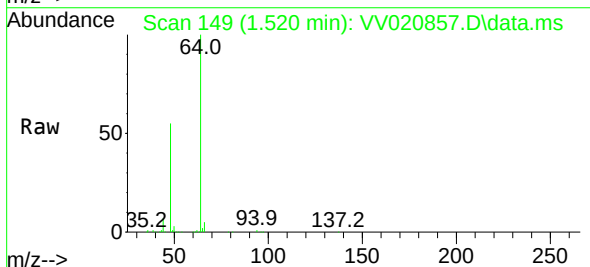
Instrument :
 MSVOA_V
 ClientSampled :

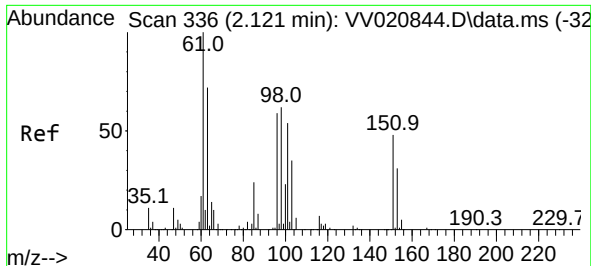
Tgt Ion: 62 Resp:10044557
 Ion Ratio Lower Upper
 62 100
 64 37.7 23.3 43.3



#8
 Chloroethane
 Concen: 36.55 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.067 min
 Lab File: VV020857.D
 Acq: 02 Apr 2021 02:45

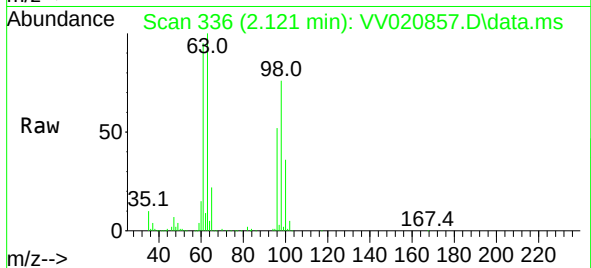
Tgt Ion: 64 Resp: 102327
 Ion Ratio Lower Upper
 64 100
 66 5.3 22.4 41.6#



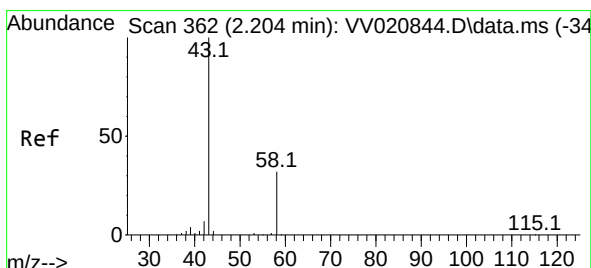
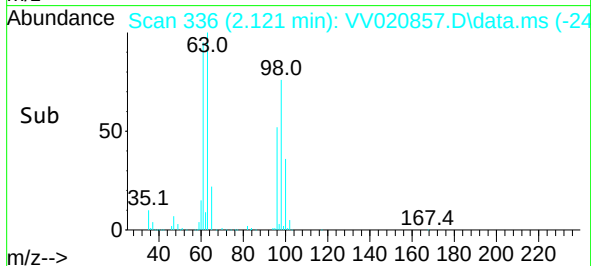
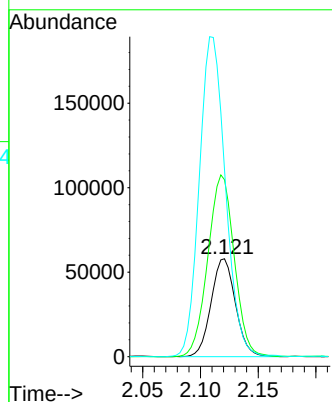


#12
1,1-Dichloroethene
Concen: 23.04 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45

Instrument :
MSVOA_V
ClientSampled :

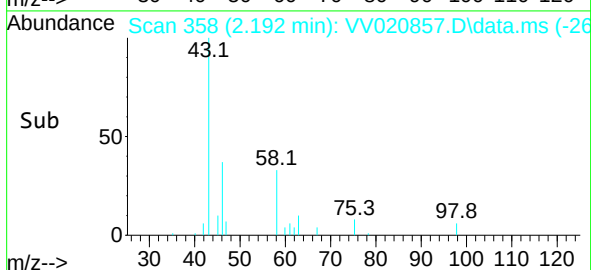
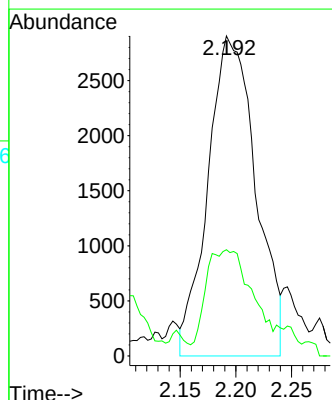
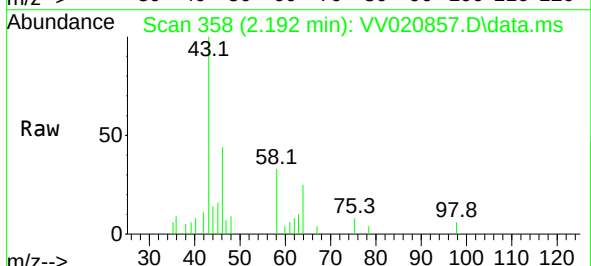


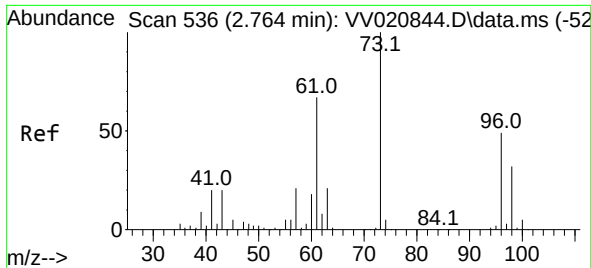
Tgt Ion: 96 Resp: 85261
Ion Ratio Lower Upper
96 100
61 180.6 126.3 234.6
63 190.8 100.2 186.2#



#13
Acetone
Concen: 4.15 ug/L
RT: 2.192 min Scan# 358
Delta R.T. -0.013 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45

Tgt Ion: 43 Resp: 8678
Ion Ratio Lower Upper
43 100
58 9.2 0.0 60.8

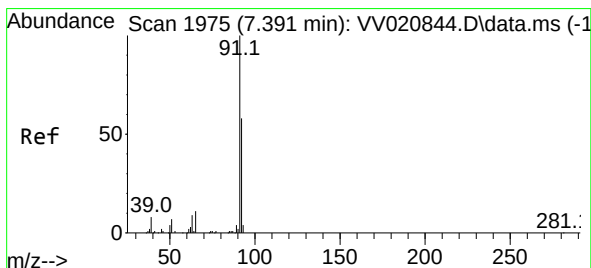
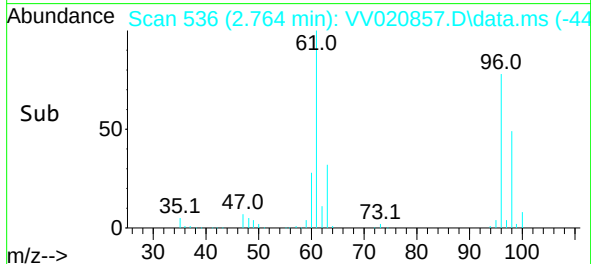
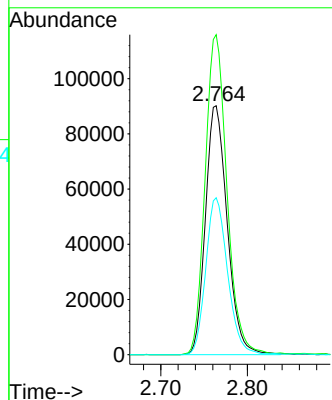
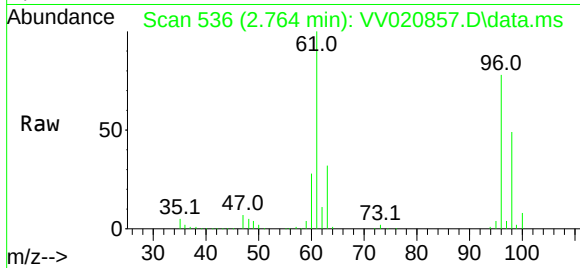




#17
trans-1,2-Dichloroethene
Concen: 37.19 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45

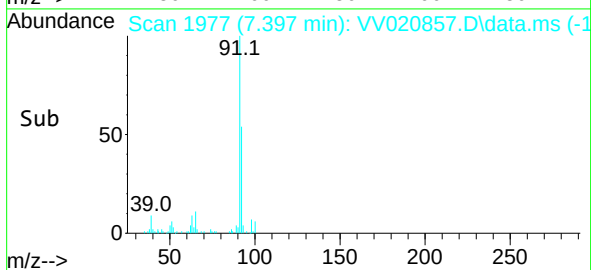
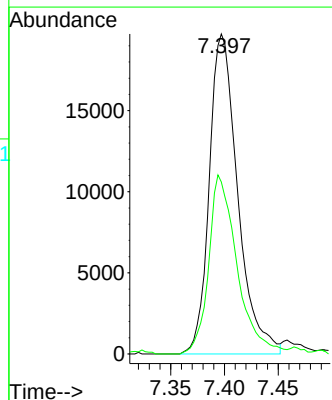
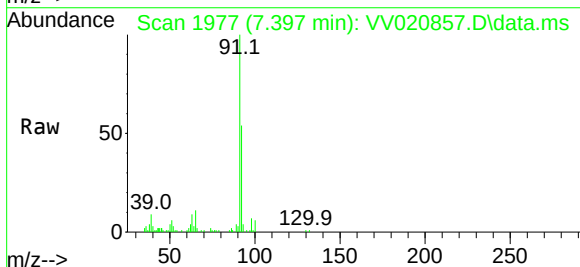
Instrument :
MSVOA_V
ClientSampled :

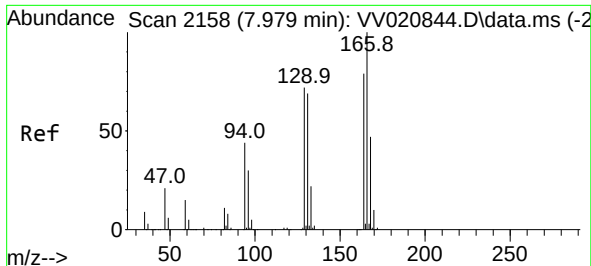
Tgt Ion: 96 Resp: 157856
Ion Ratio Lower Upper
96 100
61 128.5 97.9 181.9
98 63.1 43.9 81.5



#42
Toluene
Concen: 1.96 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45

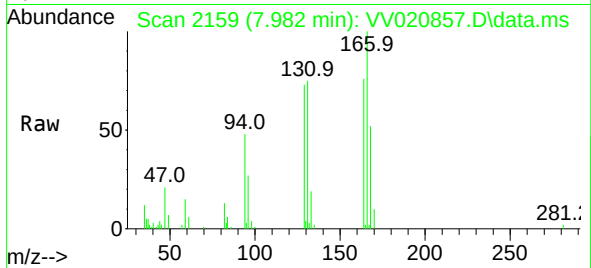
Tgt Ion: 91 Resp: 36316
Ion Ratio Lower Upper
91 100
92 53.7 39.9 74.1



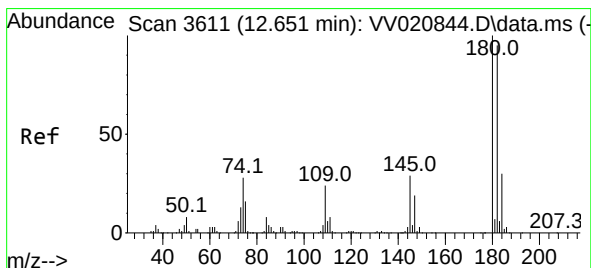
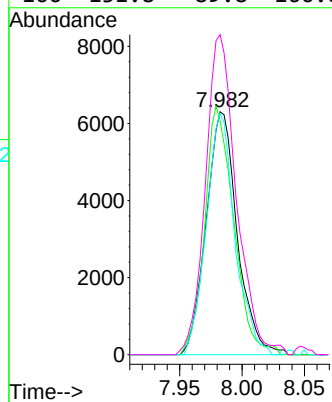
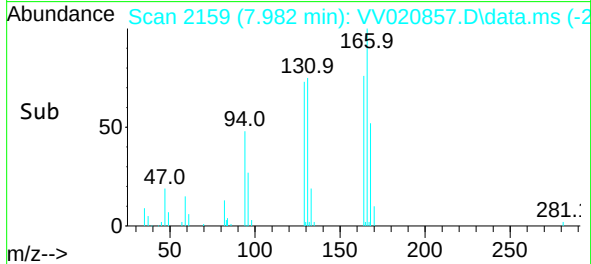


#46
Tetrachloroethene
Concen: 2.80 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45

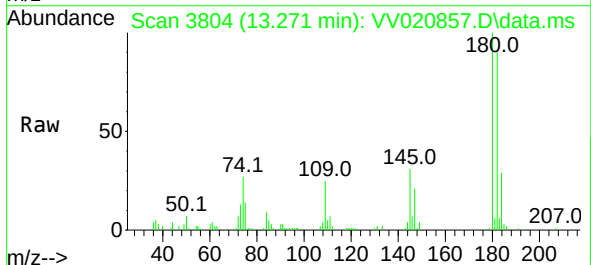
Instrument :
MSVOA_V
ClientSampled :



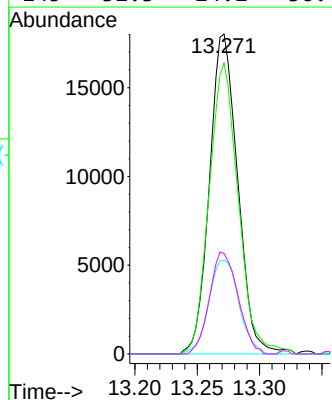
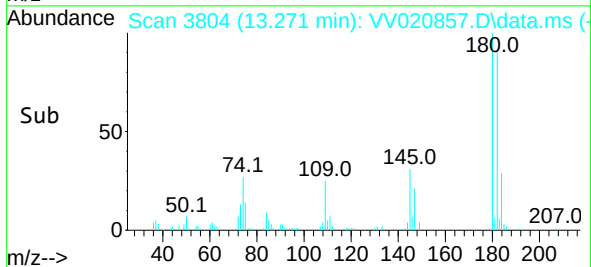
Tgt Ion:164	Resp:	10926
Ion	Ratio	Lower Upper
164	100	
129	96.3	64.3 119.5
131	99.4	63.5 117.9
166	131.8	89.8 166.8

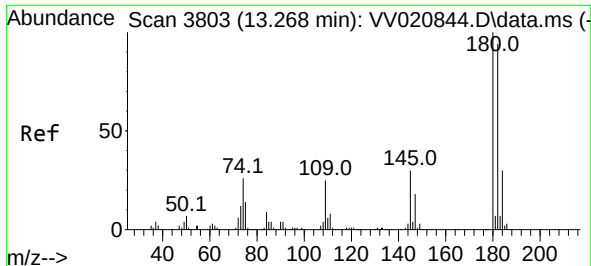


#67
1,3,5-Trichlorobenzene
Concen: 3.96 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.621 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45



Tgt Ion:180	Resp:	28315
Ion	Ratio	Lower Upper
180	100	
182	94.0	76.3 114.5
184	31.2	24.5 36.7
145	32.3	24.2 36.4

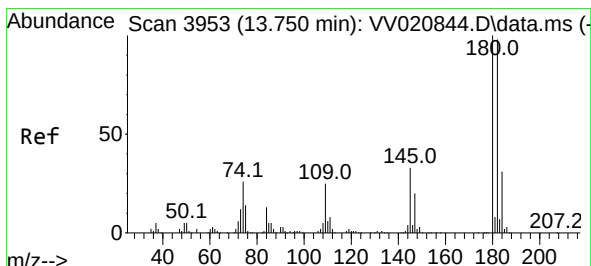
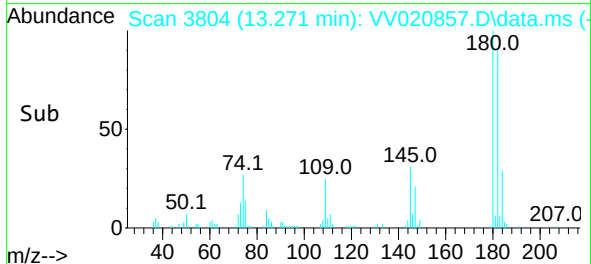
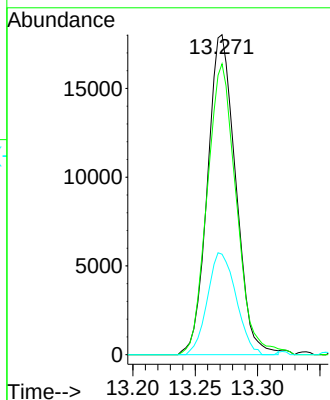
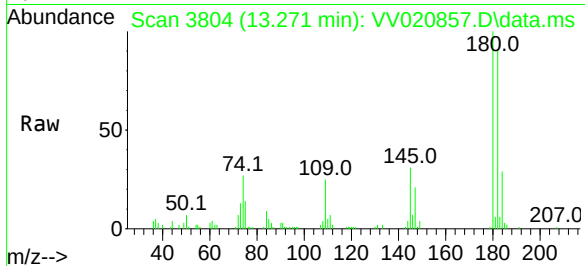




#68
1,2,4-trichlorobenzene
Concen: 4.67 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:180 Resp: 28315
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.6
145 32.3 23.9 35.9



#70
1,2,3-Trichlorobenzene
Concen: 1.00 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020857.D
Acq: 02 Apr 2021 02:45

Tgt Ion:180 Resp: 6061
Ion Ratio Lower Upper
180 100
182 93.2 75.2 112.8
145 27.7 25.5 38.3

