

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043838.D
 Acq On : 19 May 2021 19:50
 Operator : SY/MD
 Sample : M2464-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y7

Quant Time: May 20 03:57:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

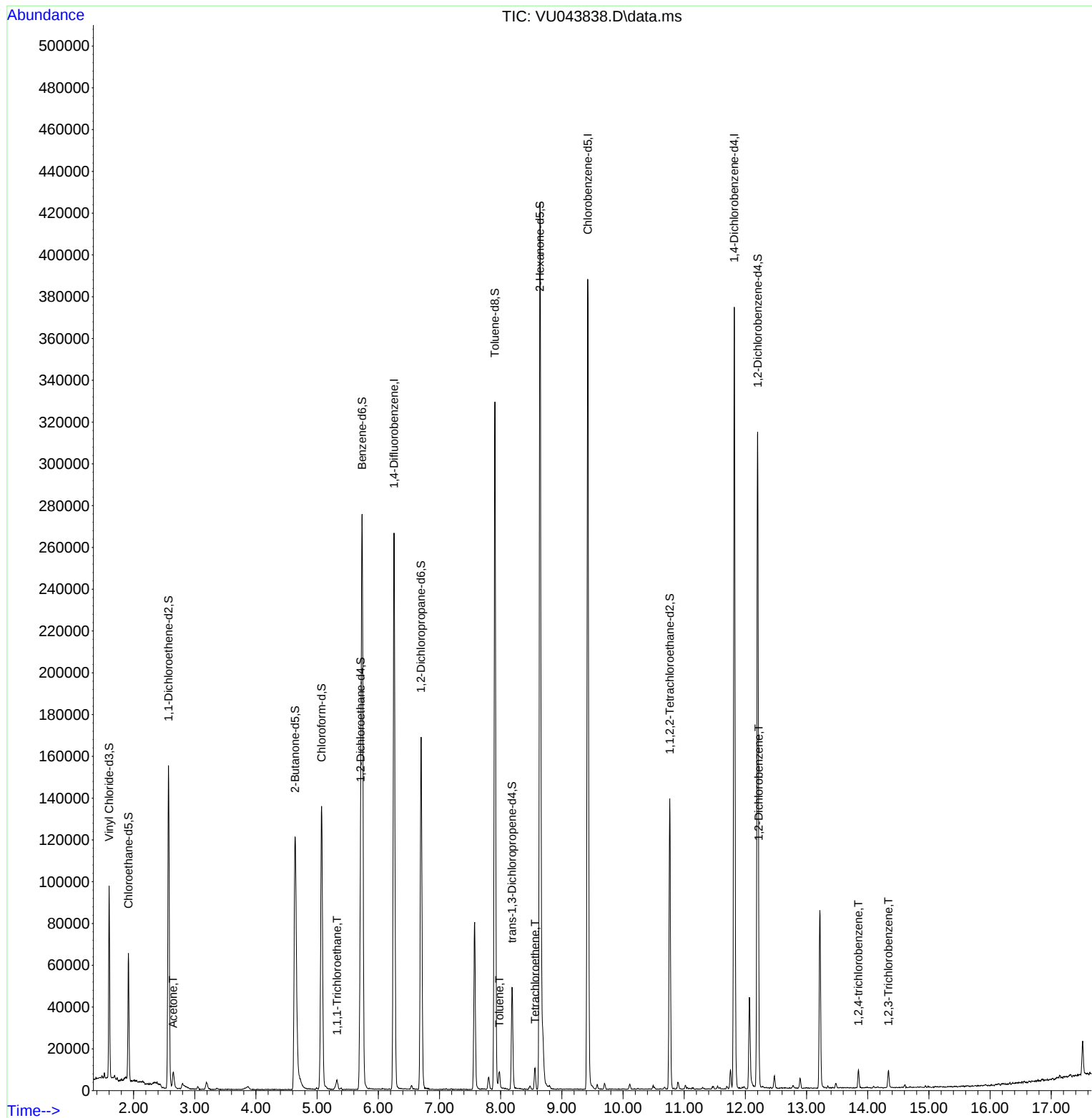
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	222732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223870	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103442	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63375	3.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	1.916	69	42253	3.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.60%			
11) 1,1-Dichloroethene-d2	2.572	65	28062	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	4.639	46	191715	61.39	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.78%			
24) Chloroform-d	5.073	84	127649	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.710	65	65431	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.736	84	263765	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.700	67	82793	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.906	98	222673	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloroprop...	8.186	79	28983	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.642	63	149758	49.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.86%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70141	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	90019	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds					Qvalue	
13) Acetone	2.646	43	9922	5.00	ug/L	95
29) 1,1,1-Trichloroethane	5.324	97	3112	0.13	ug/L	96
42) Toluene	7.980	91	6375	0.09	ug/L	95
47) Tetrachloroethene	8.562	164	2644	0.20	ug/L	88
67) 1,2-Dichlorobenzene	12.218	146	1784	0.06	ug/L #	72
70) 1,2,4-trichlorobenzene	13.848	180	3230	0.17	ug/L	97
72) 1,2,3-Trichlorobenzene	14.340	180	3253	0.18	ug/L	97

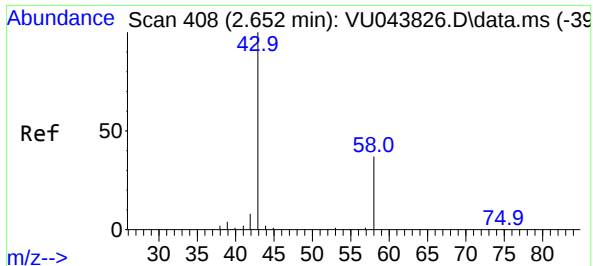
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 20 03:54:53 2021
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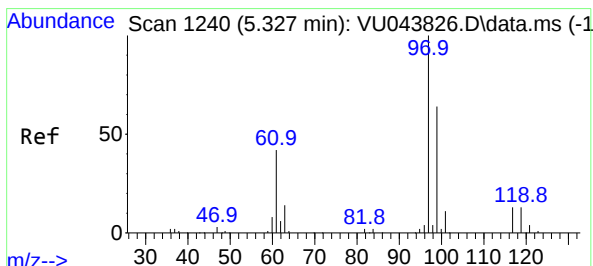
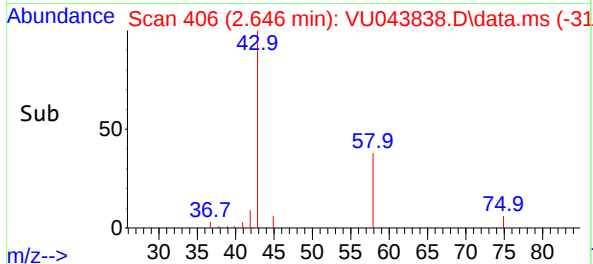
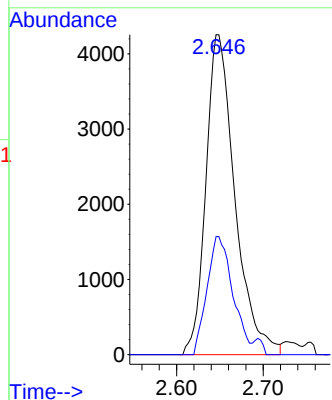
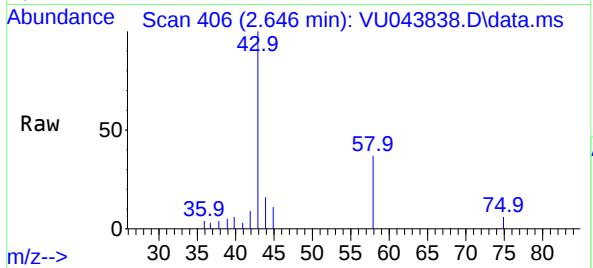




#13
Acetone
Concen: 5.00 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.006 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

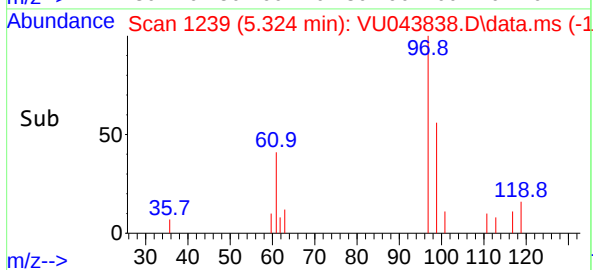
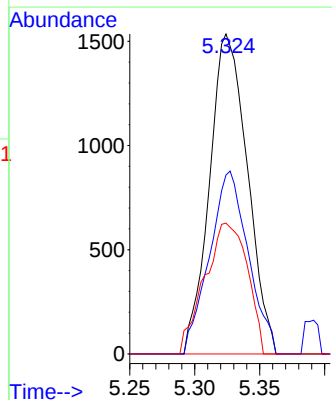
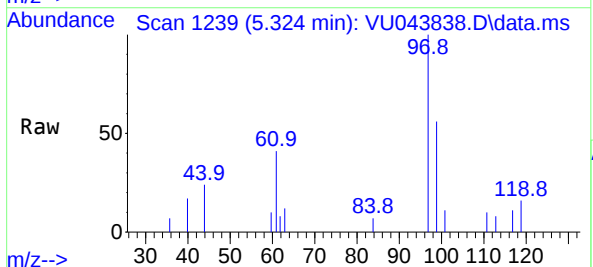
Instrument :
MSVOA_U
ClientSampleId :
GB3Y7

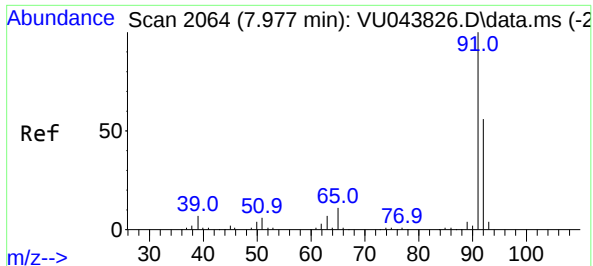
Tgt Ion: 43 Resp: 9922
Ion Ratio Lower Upper
43 100
58 32.9 0.0 71.6



#29
1,1,1-Trichloroethane
Concen: 0.13 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion: 97 Resp: 3112
Ion Ratio Lower Upper
97 100
99 58.4 51.1 76.7
61 46.1 37.0 55.4

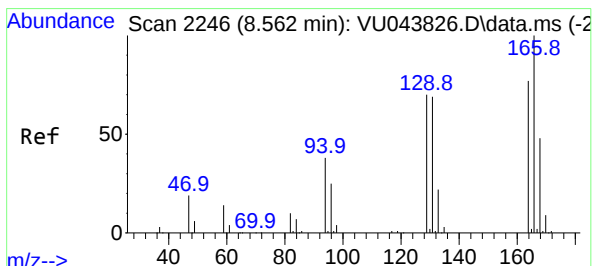
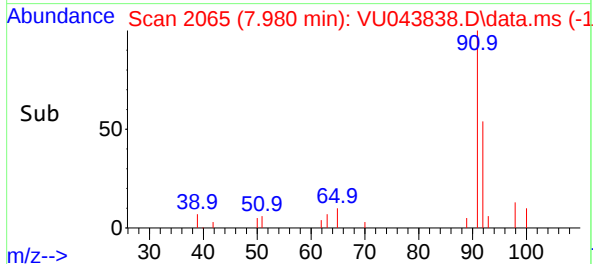
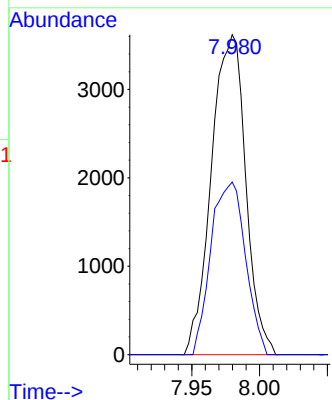
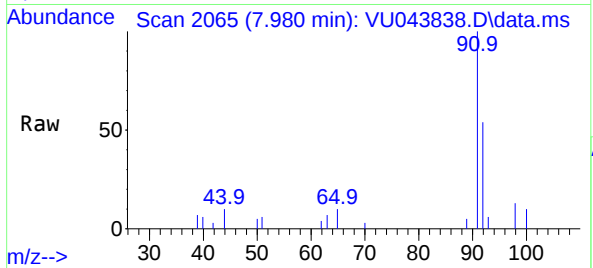




#42
Toluene
Concen: 0.09 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

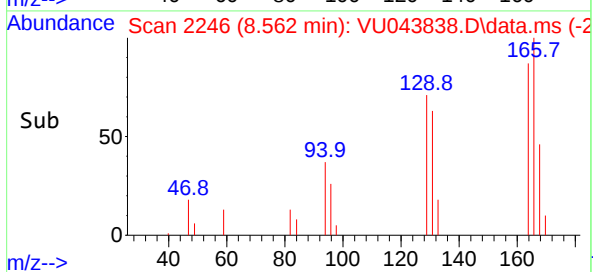
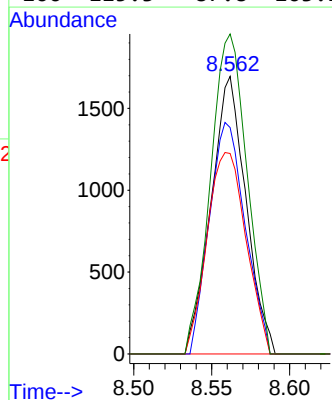
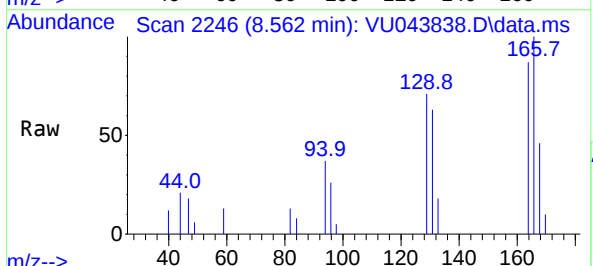
Instrument :
MSVOA_U
ClientSampled :
GB3Y7

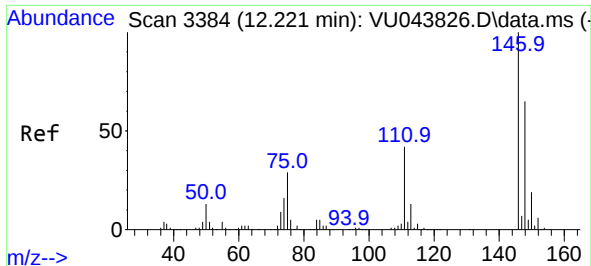
Tgt Ion: 91 Resp: 6375
Ion Ratio Lower Upper
91 100
92 53.9 40.3 74.8



#47
Tetrachloroethene
Concen: 0.20 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion: 164 Resp: 2644
Ion Ratio Lower Upper
164 100
129 81.5 64.1 119.1
131 72.2 61.2 113.8
166 115.3 87.8 163.2

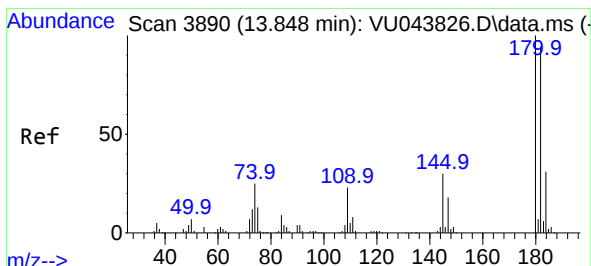
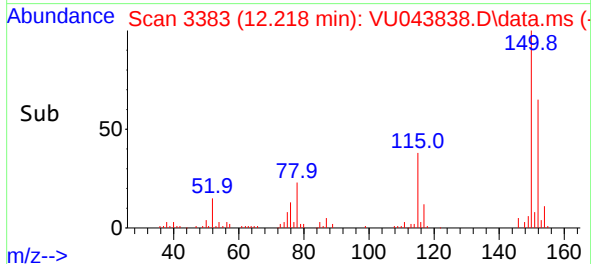
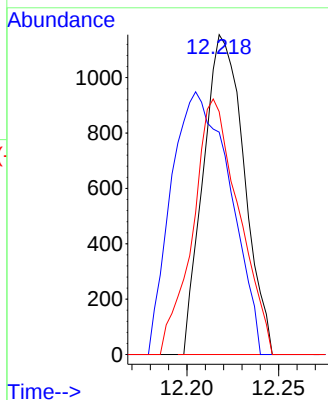
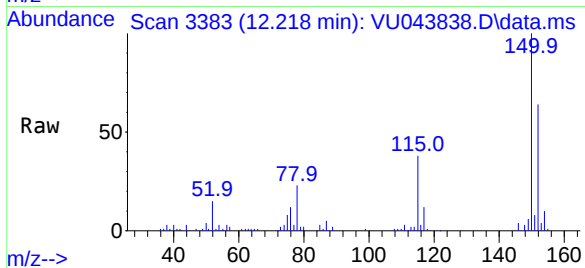




#67
1,2-Dichlorobenzene
Concen: 0.06 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

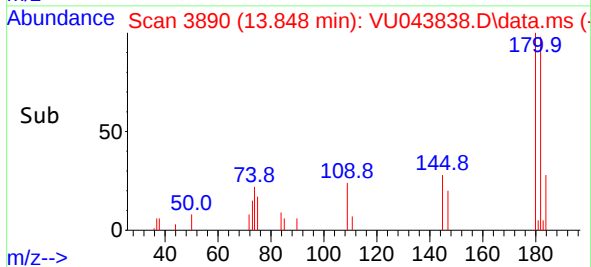
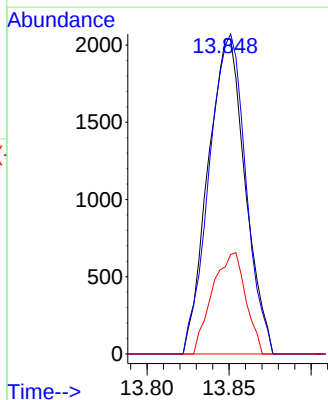
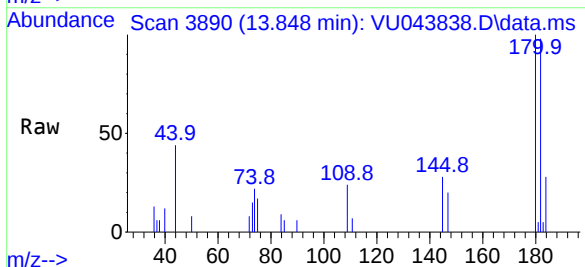
Instrument :
MSVOA_U
ClientSampled :
GB3Y7

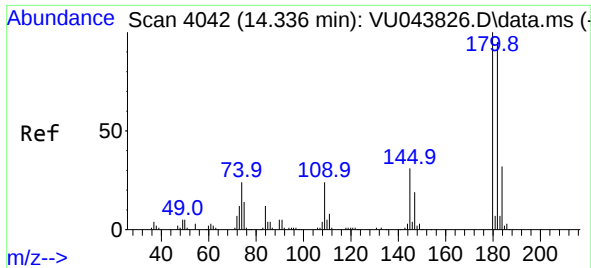
Tgt Ion:146 Resp: 1784
Ion Ratio Lower Upper
146 100
111 69.5 33.6 50.4#
148 75.9 50.2 75.2#



#70
1,2,4-trichlorobenzene
Concen: 0.17 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

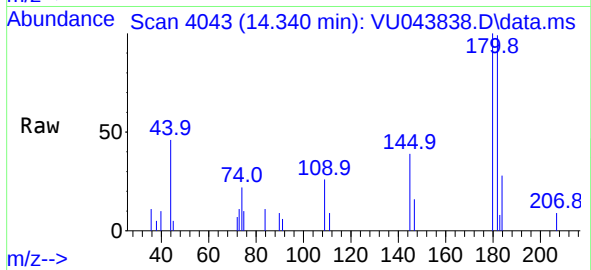
Tgt Ion:180 Resp: 3230
Ion Ratio Lower Upper
180 100
182 99.4 76.9 115.3
145 28.6 23.0 34.4





#72
1,2,3-Trichlorobenzene
Concen: 0.18 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Instrument :
MSVOA_U
ClientSampleId :
GB3Y7



Tgt Ion:	180	Resp:	3253
Ion	Ratio	Lower	Upper
180	100		
182	98.9	77.0	115.4
145	32.5	24.6	36.8

