

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451174.D
 Acq On : 06 Oct 2021 10:37
 Operator : SY/MD
 Sample : VU1006MBL01
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:01:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

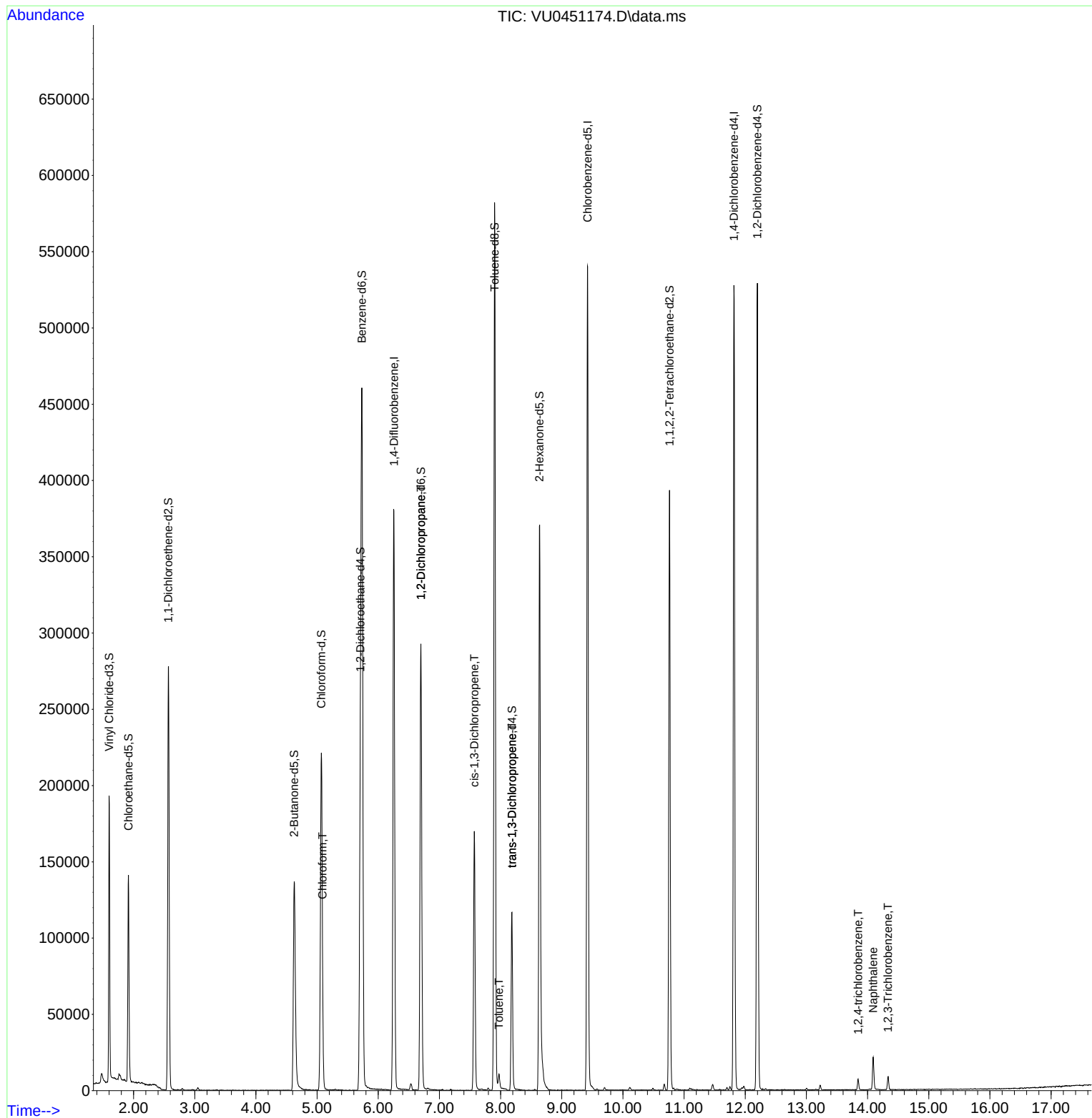
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	296017	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	282775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	131123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	126507	39.039	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.080%		
7) Chloroethane-d5	1.915	69	102772	40.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.040%		
11) 1,1-Dichloroethene-d2	2.568	63	165785	30.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.920%		
21) 2-Butanone-d5	4.626	46	201806	78.773	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.770%		
24) Chloroform-d	5.070	84	198804	38.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.680%		
26) 1,2-Dichloroethane-d4	5.706	65	143470	41.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.760%		
32) Benzene-d6	5.732	84	421390	42.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.900%		
36) 1,2-Dichloropropane-d6	6.697	67	132472	41.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.800%		
41) Toluene-d8	7.902	98	369925	43.686	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.380%		
43) trans-1,3-Dichloroprop...	8.185	79	62081	43.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.240%		
47) 2-Hexanone-d5	8.635	63	139284	78.557	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.560%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	192665	38.671	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.340%		
66) 1,2-Dichlorobenzene-d4	12.198	152	128375	44.987	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.980%		
Target Compounds					Qvalue	
25) Chloroform	5.089	83	4366	0.874	ug/L	83
37) 1,2-Dichloropropane	6.697	63	15240	5.337	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4316	1.056	ug/L	86
42) Toluene	7.973	91	6273	0.589	ug/L	94
44) trans-1,3-Dichloropropene	8.185	75	2957	0.761	ug/L #	79
70) 1,2,4-trichlorobenzene	13.844	180	2382	0.931	ug/L	99
71) Naphthalene	14.092	128	17385	1.962	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	2940	1.124	ug/L	95

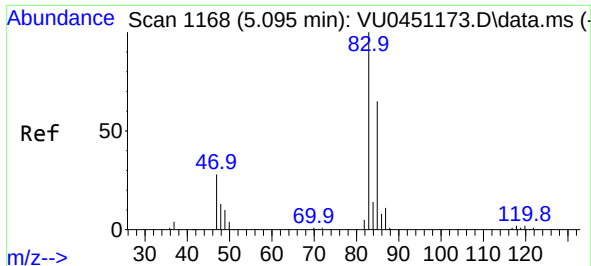
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 07 03:01:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
Response via : Initial Calibration

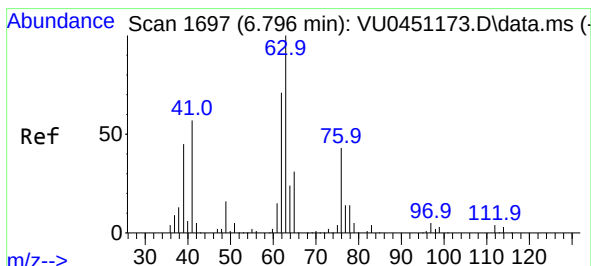
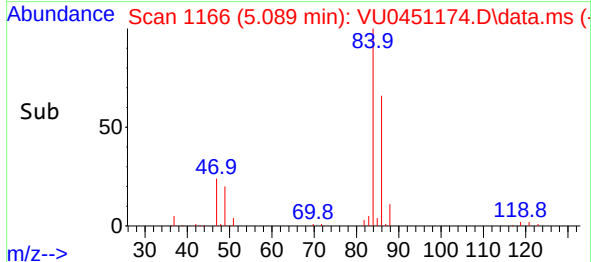
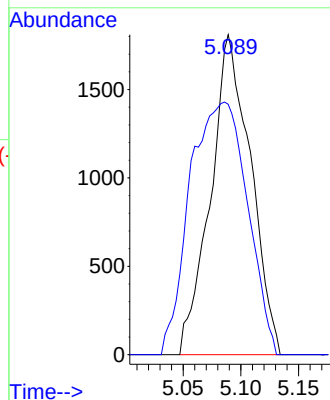
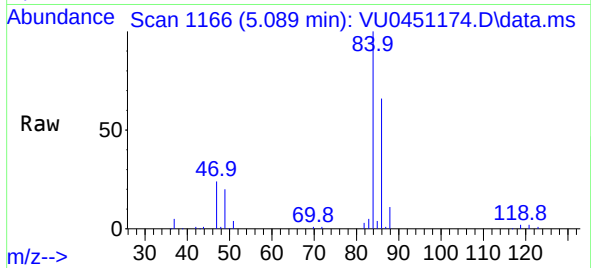




#25
Chloroform
Concen: 0.874 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VU0451174.D
Acq: 06 Oct 2021 10:37

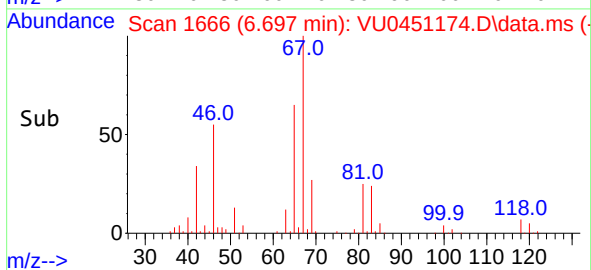
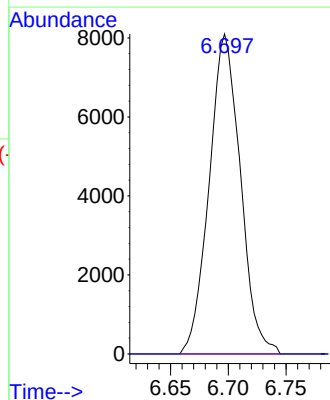
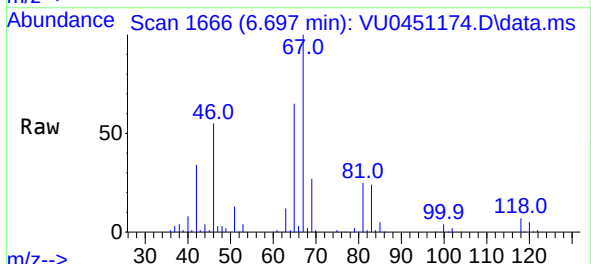
Instrument :
MSVOA_U
ClientSampled :

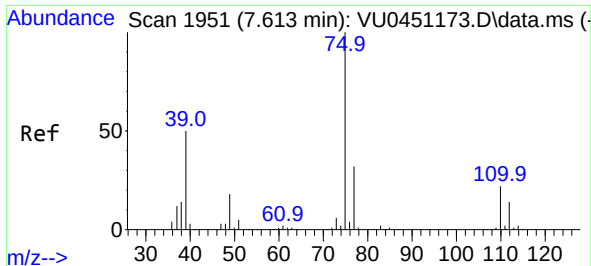
Tgt Ion: 83 Resp: 4366
Ion Ratio Lower Upper
83 100
85 78.2 45.6 84.6



#37
1,2-Dichloropropane
Concen: 5.337 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU0451174.D
Acq: 06 Oct 2021 10:37

Tgt Ion: 63 Resp: 15240
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

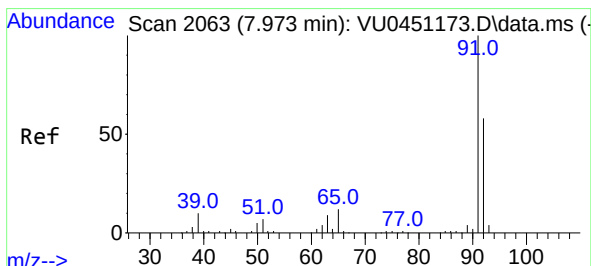
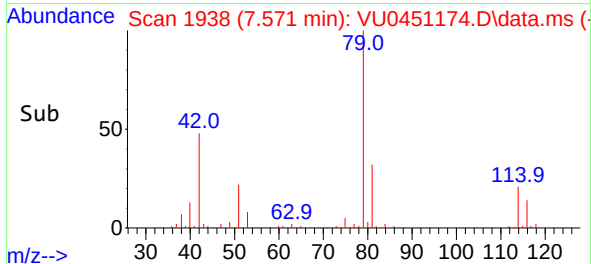
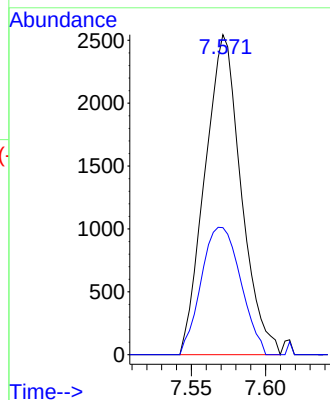
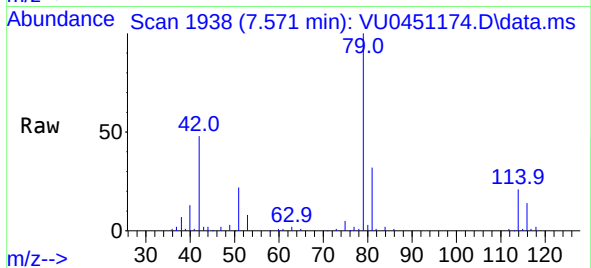




#39
 cis-1,3-Dichloropropene
 Concen: 1.056 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU0451174.D
 Acq: 06 Oct 2021 10:37

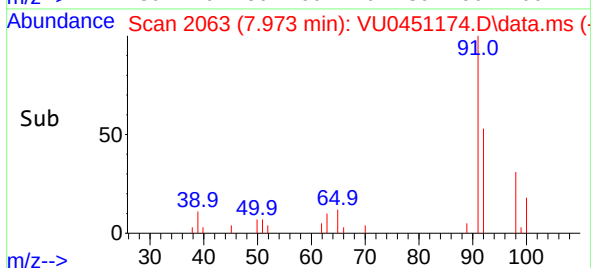
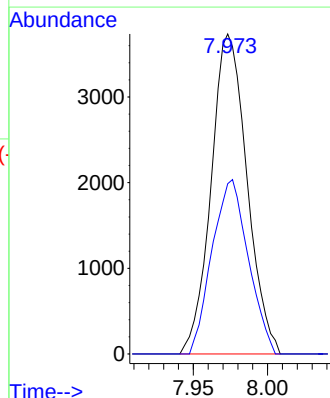
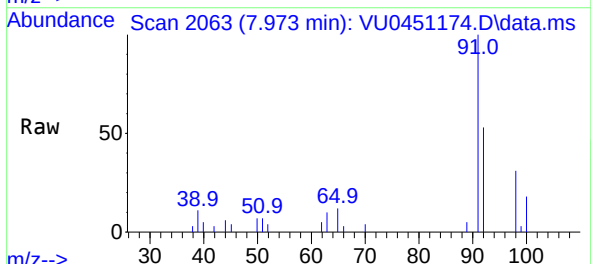
Instrument :
 MSVOA_U
 ClientSampled :

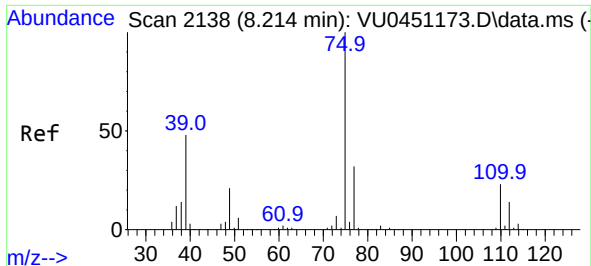
Tgt Ion: 75 Resp: 4316
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.4 41.6



#42
 Toluene
 Concen: 0.589 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU0451174.D
 Acq: 06 Oct 2021 10:37

Tgt Ion: 91 Resp: 6273
 Ion Ratio Lower Upper
 91 100
 92 53.2 40.5 75.1

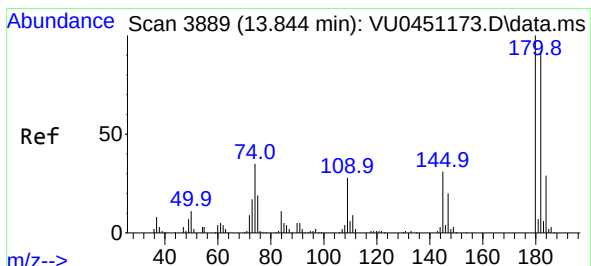
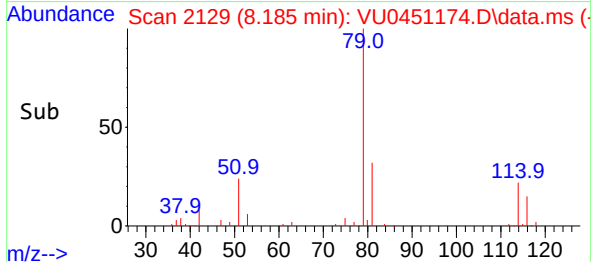
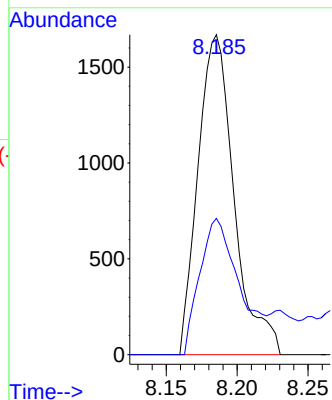
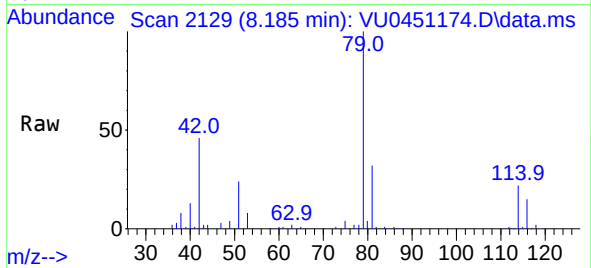




#44
trans-1,3-Dichloropropene
Concen: 0.761 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU0451174.D
Acq: 06 Oct 2021 10:37

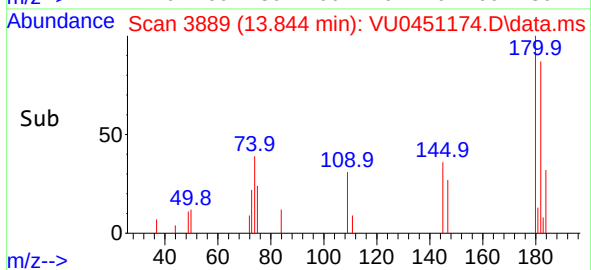
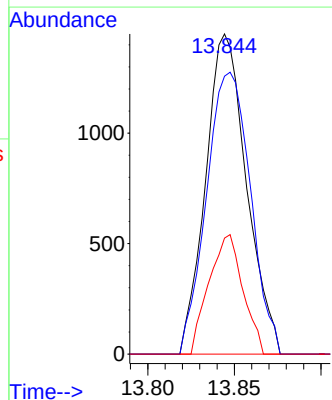
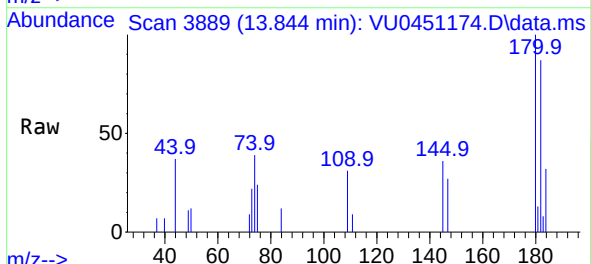
Instrument :
MSVOA_U
ClientSampled :

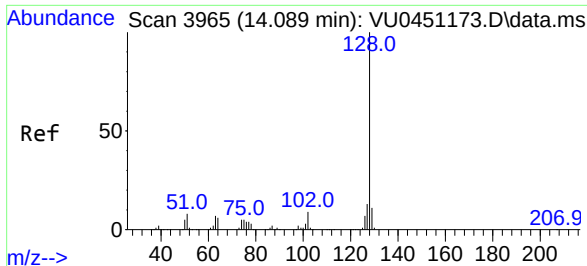
Tgt Ion: 75 Resp: 2957
Ion Ratio Lower Upper
75 100
77 42.6 21.7 40.3#



#70
1,2,4-trichlorobenzene
Concen: 0.931 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU0451174.D
Acq: 06 Oct 2021 10:37

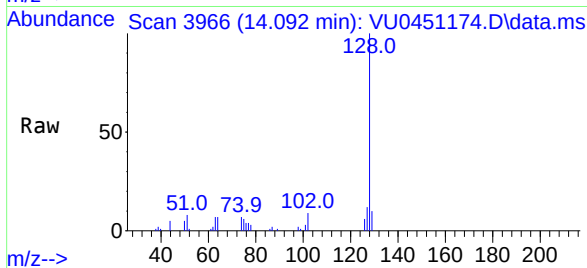
Tgt Ion:180 Resp: 2382
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.2
145 31.0 25.4 38.0



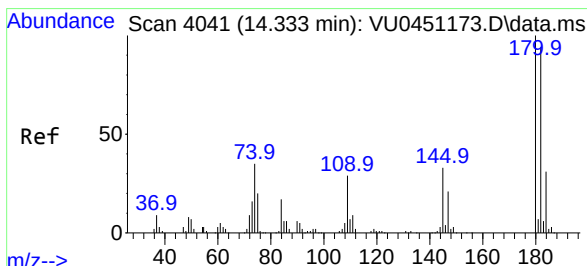
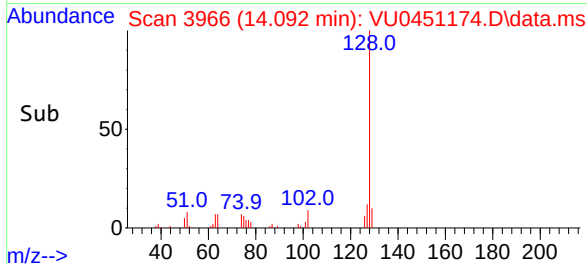
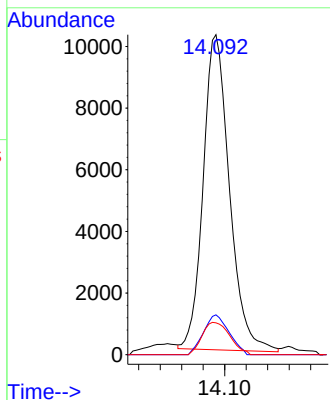


#71
Naphthalene
Concen: 1.962 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU0451174.D
Acq: 06 Oct 2021 10:37

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 17385
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 1.124 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU0451174.D
Acq: 06 Oct 2021 10:37

Tgt Ion:180 Resp: 2940
Ion Ratio Lower Upper
180 100
182 102.4 76.8 115.2
145 32.8 26.5 39.7

