

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451195.D
 Acq On : 06 Oct 2021 19:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:03:51 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)

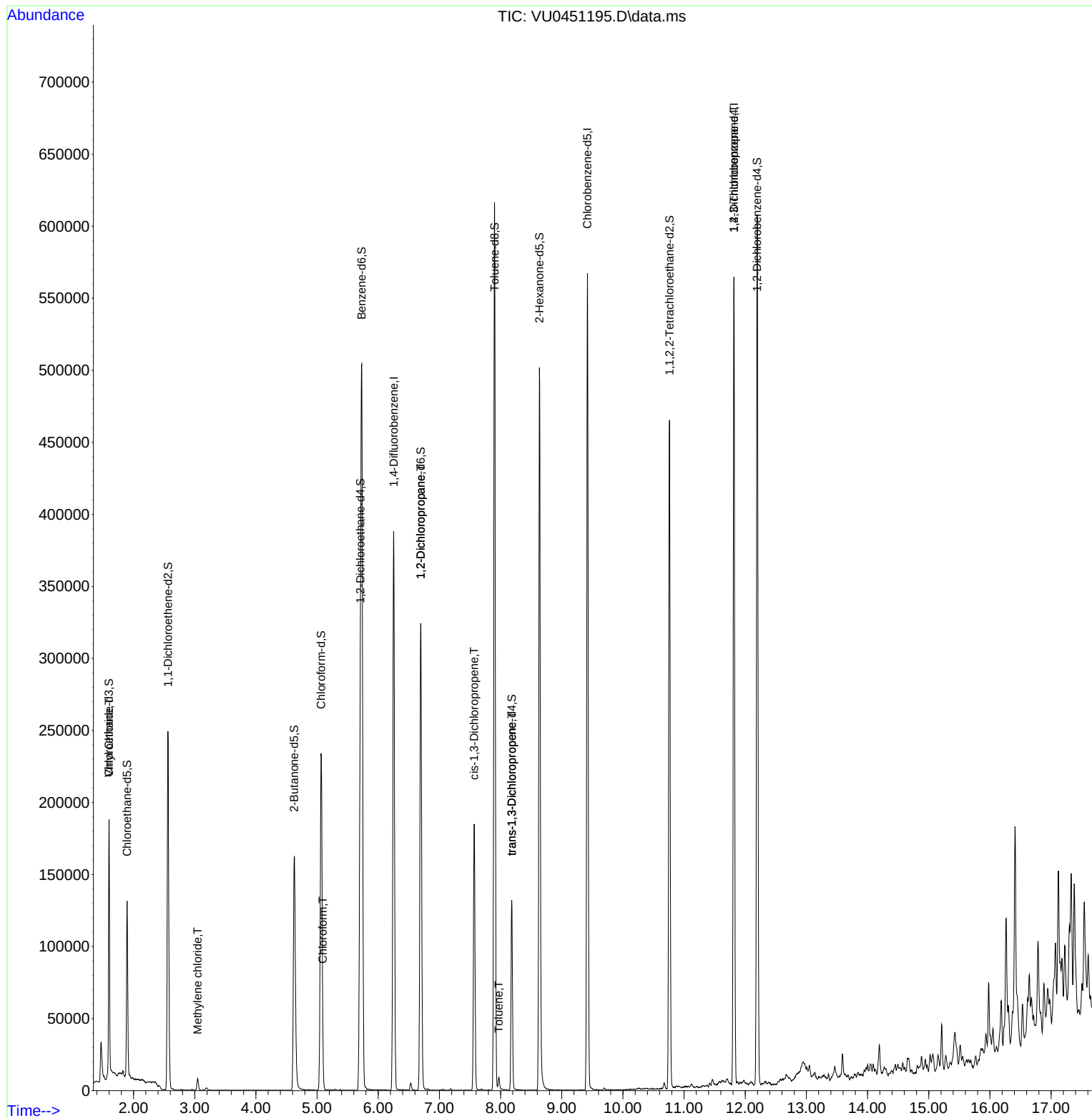
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	297780	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	291652	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	138087	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	114787	35.213	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.420%		
7) Chloroethane-d5	1.893	69	94094	36.426	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.860%		
11) 1,1-Dichloroethene-d2	2.562	63	150570	27.505	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.000%#		
21) 2-Butanone-d5	4.626	46	233998	90.798	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.800%		
24) Chloroform-d	5.067	84	211759	41.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.260%		
26) 1,2-Dichloroethane-d4	5.706	65	158392	45.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.840%		
32) Benzene-d6	5.729	84	450087	44.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.940%		
36) 1,2-Dichloropropane-d6	6.693	67	148849	45.108	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.220%		
41) Toluene-d8	7.902	98	394894	45.216	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.440%		
43) trans-1,3-Dichloroprop...	8.182	79	69713	47.493	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.980%		
47) 2-Hexanone-d5	8.636	63	173982	95.140	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.140%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	230376	44.833	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.660%		
66) 1,2-Dichlorobenzene-d4	12.195	152	146606	48.785	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.560%		
Target Compounds						
					Qvalue	
8) Chloroethane	1.597	64	17942	8.210	ug/L	89
16) Methylene chloride	3.047	84	4022	1.377	ug/L	92
25) Chloroform	5.092	83	4125	0.821	ug/L	88
37) 1,2-Dichloropropane	6.693	63	17013	5.777	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4406	1.046	ug/L #	70
42) Toluene	7.970	91	5920	0.539	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2916	0.728	ug/L	90
60) 1,2,3-Trichloropropane	11.815	75	18440	4.828	ug/L #	68

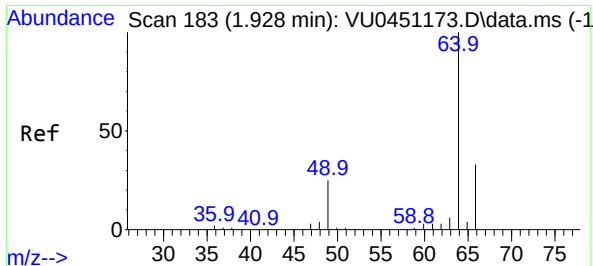
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration

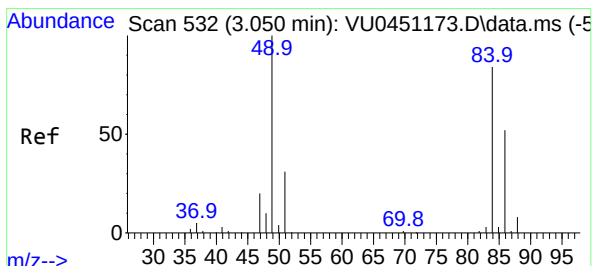
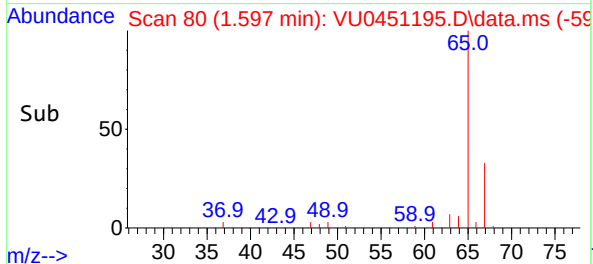
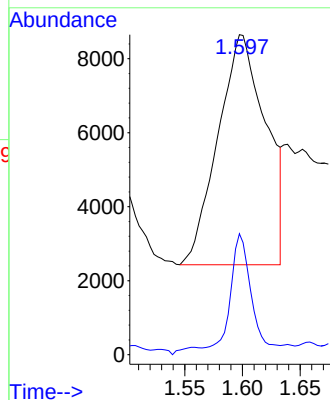
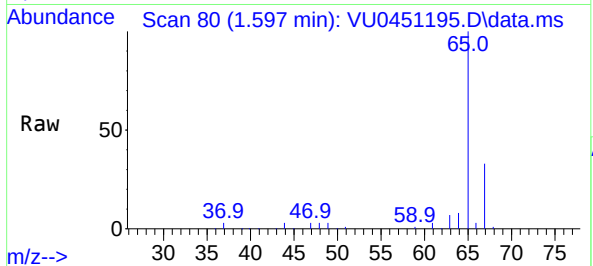




#8
Chloroethane
Concen: 8.210 ug/L
RT: 1.597 min Scan# 80
Delta R.T. -0.331 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

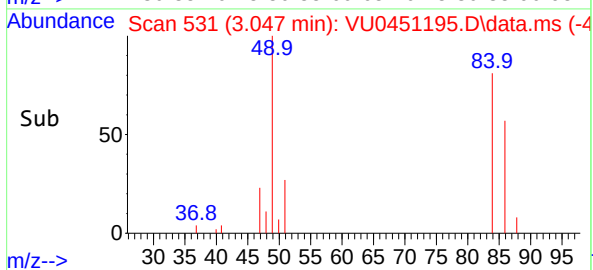
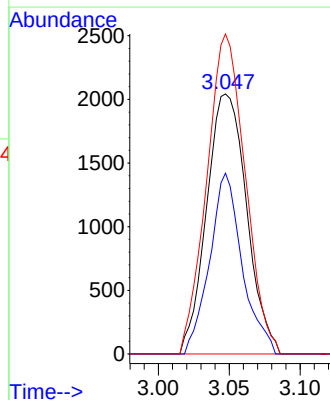
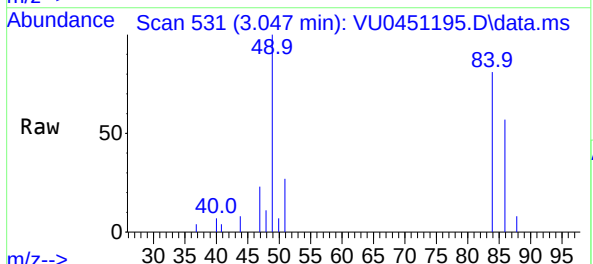
Instrument :
MSVOA_U
ClientSampleId :

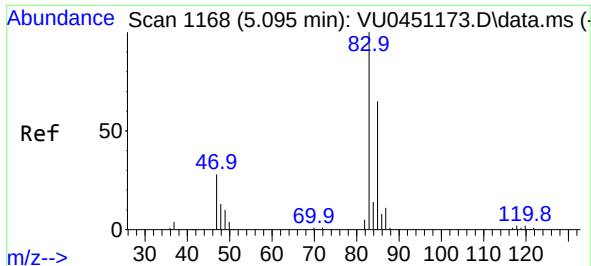
Tgt Ion: 64 Resp: 17942
Ion Ratio Lower Upper
64 100
66 37.8 22.3 41.3



#16
Methylene chloride
Concen: 1.377 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

Tgt Ion: 84 Resp: 4022
Ion Ratio Lower Upper
84 100
86 69.6 44.7 83.1
49 123.1 92.9 172.5

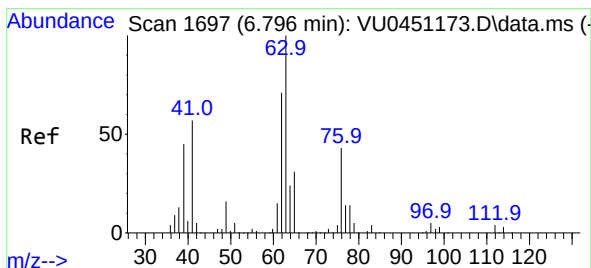
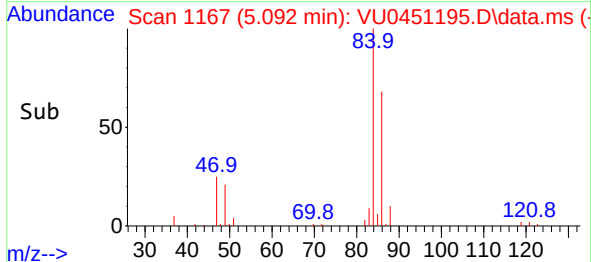
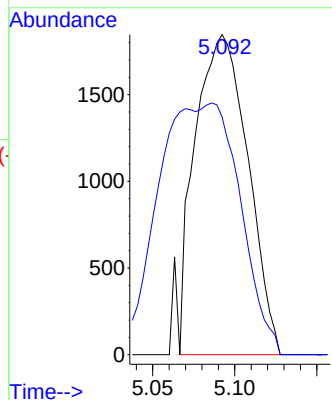
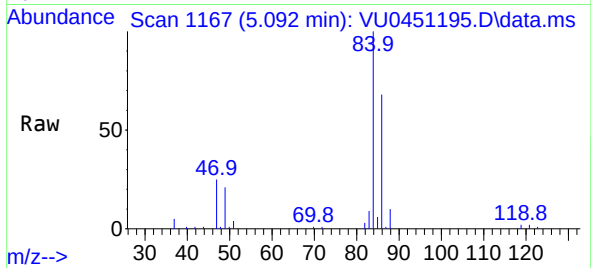




#25
Chloroform
Concen: 0.821 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

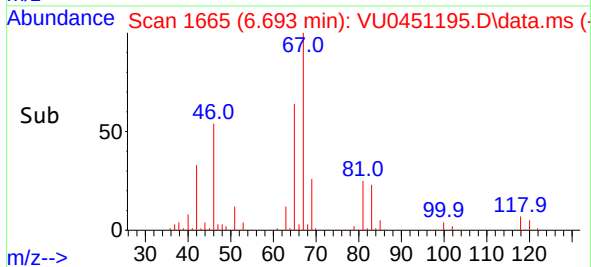
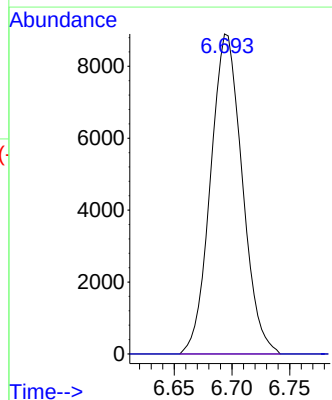
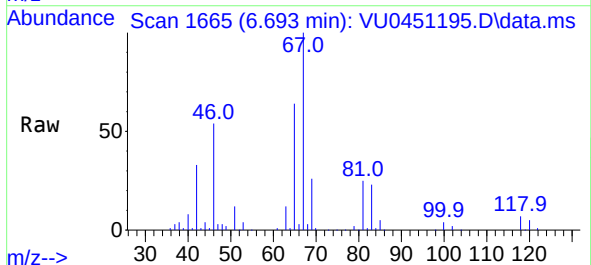
Instrument :
MSVOA_U
ClientSampleId :

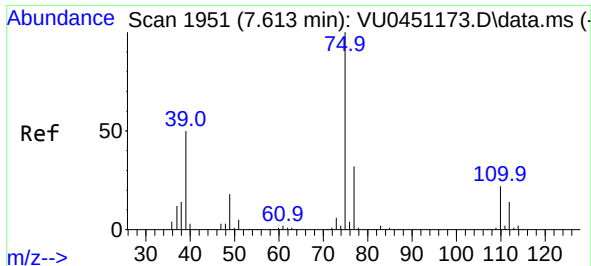
Tgt Ion: 83 Resp: 4125
Ion Ratio Lower Upper
83 100
85 74.3 45.6 84.6



#37
1,2-Dichloropropane
Concen: 5.777 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

Tgt Ion: 63 Resp: 17013
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

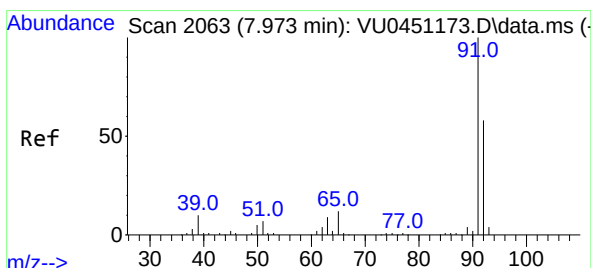
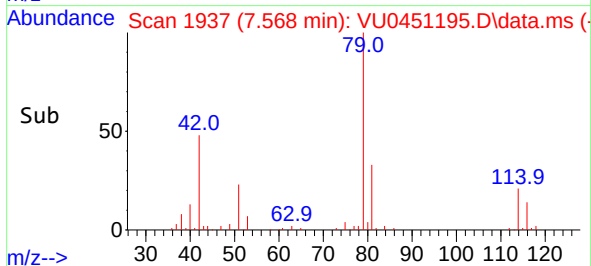
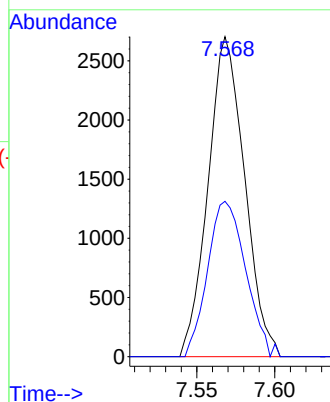
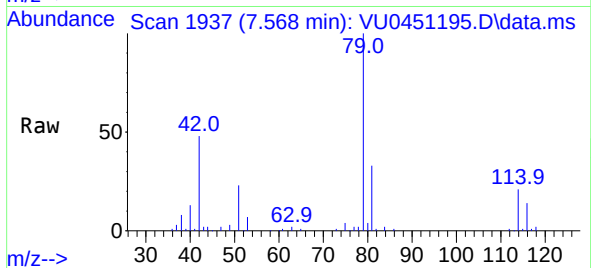




#39
cis-1,3-Dichloropropene
Concen: 1.046 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

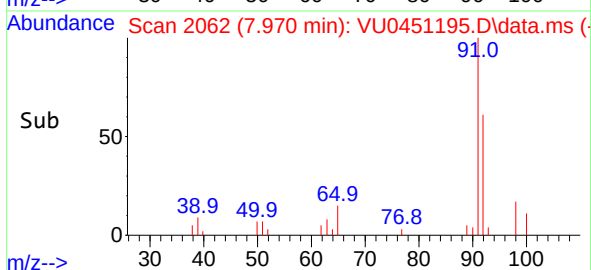
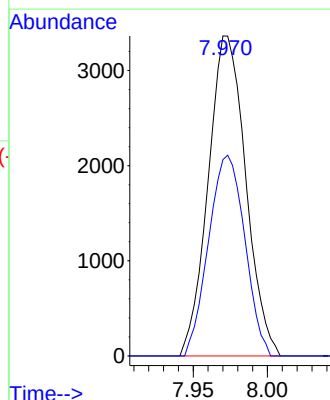
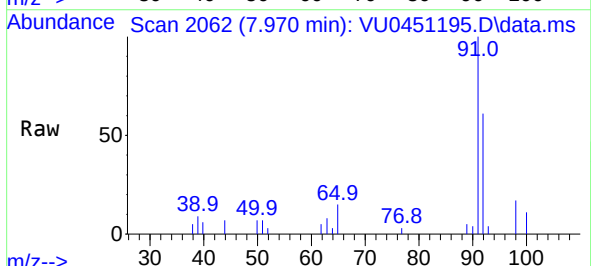
Instrument :
MSVOA_U
ClientSampleId :

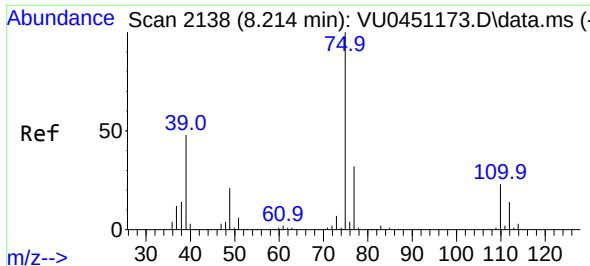
Tgt Ion: 75 Resp: 4406
Ion Ratio Lower Upper
75 100
77 48.6 22.4 41.6#



#42
Toluene
Concen: 0.539 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

Tgt Ion: 91 Resp: 5920
Ion Ratio Lower Upper
91 100
92 61.3 40.5 75.1

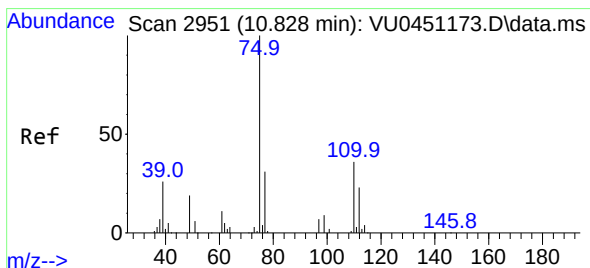
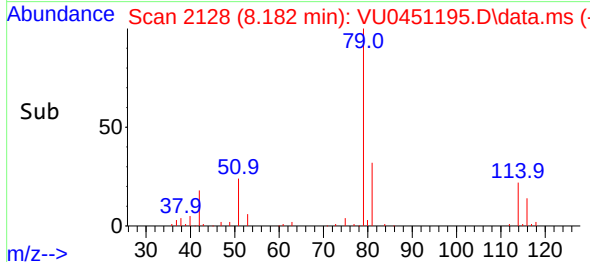
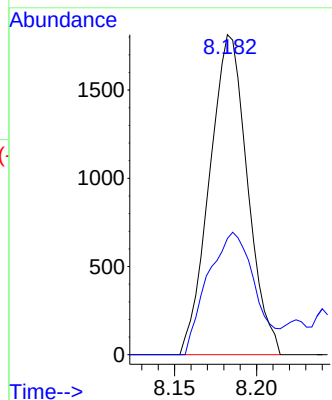
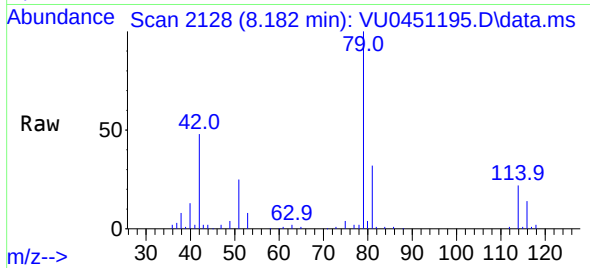




#44
trans-1,3-Dichloropropene
Concen: 0.728 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2916
Ion Ratio Lower Upper
75 100
77 36.3 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.828 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451195.D
Acq: 06 Oct 2021 19:00

Tgt Ion: 75 Resp: 18440
Ion Ratio Lower Upper
75 100
77 34.4 25.5 38.3
110 3.1 29.0 43.4#

