

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451189.D
 Acq On : 06 Oct 2021 16:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:03:03 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)

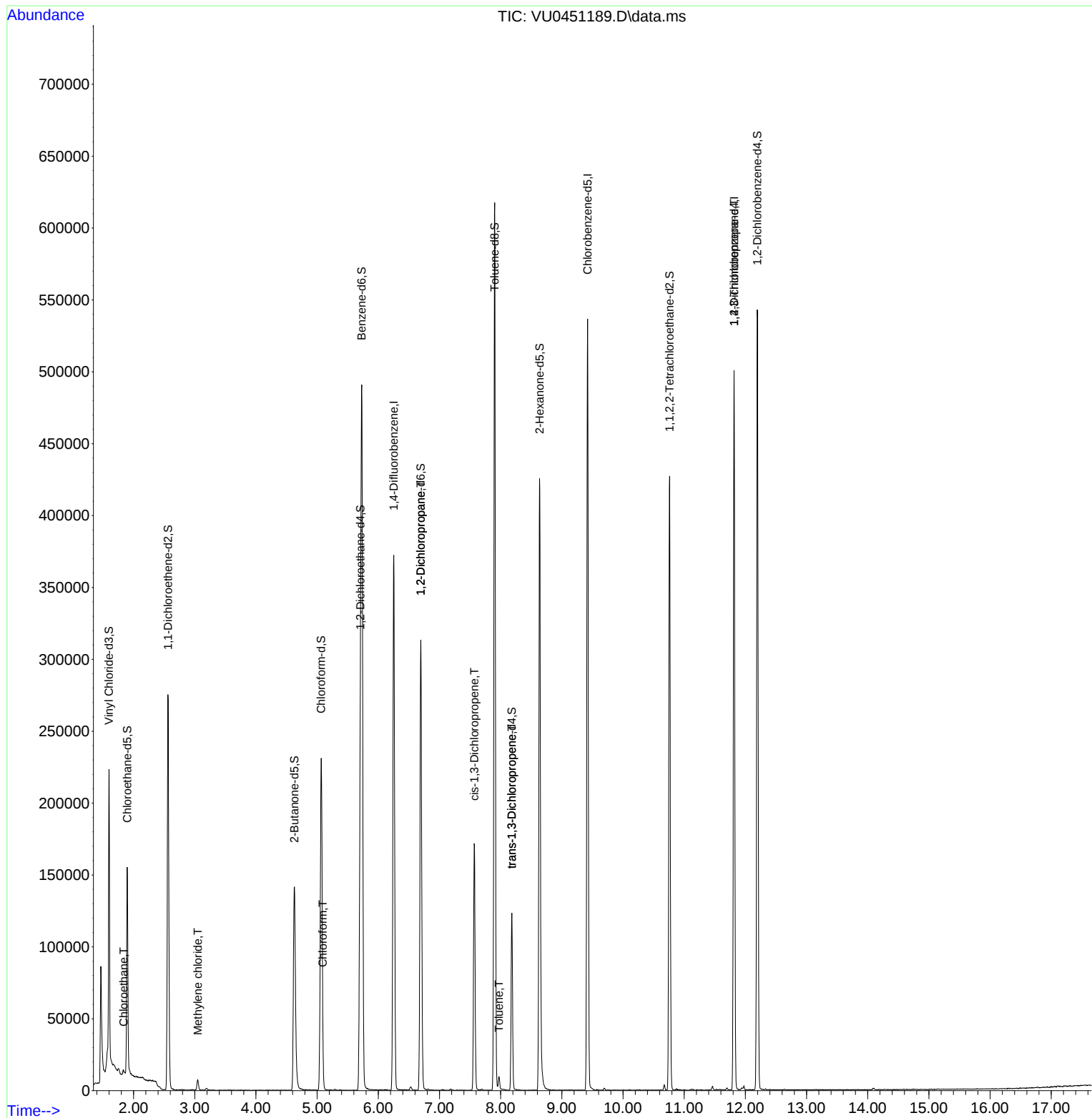
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	286738	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	276199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	132160	42.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.200%		
7) Chloroethane-d5	1.896	69	109856	44.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.320%		
11) 1,1-Dichloroethene-d2	2.562	63	167284	31.734	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.460%		
21) 2-Butanone-d5	4.626	46	206691	83.291	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.290%		
24) Chloroform-d	5.067	84	208526	42.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.120%		
26) 1,2-Dichloroethane-d4	5.707	65	149348	44.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.940%		
32) Benzene-d6	5.729	84	436612	45.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.120%		
36) 1,2-Dichloropropane-d6	6.694	67	140903	45.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.180%		
41) Toluene-d8	7.903	98	380981	46.063	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.120%		
43) trans-1,3-Dichloroprop...	8.182	79	63451	45.645	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.280%		
47) 2-Hexanone-d5	8.636	63	148053	85.491	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.490%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	212403	43.648	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	131007	49.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.700%		
Target Compounds						Qvalue
8) Chloroethane	1.839	64	8448	4.015	ug/L #	54
16) Methylene chloride	3.047	84	3437	1.222	ug/L	92
25) Chloroform	5.092	83	3147	0.651	ug/L	98
37) 1,2-Dichloropropane	6.694	63	15967	5.725	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4061	1.018	ug/L #	67
42) Toluene	7.973	91	6134	0.589	ug/L	94
44) trans-1,3-Dichloropropene	8.182	75	2880	0.759	ug/L	90
60) 1,2,3-Trichloropropane	11.816	75	16769	4.970	ug/L #	68

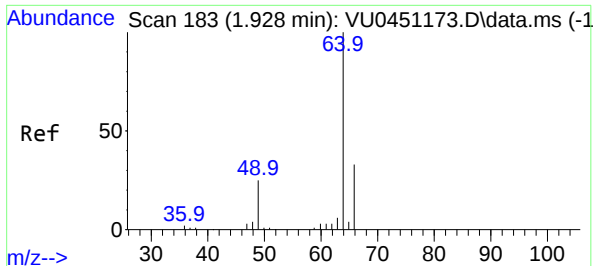
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :

Quant Time: Oct 07 03:03:03 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

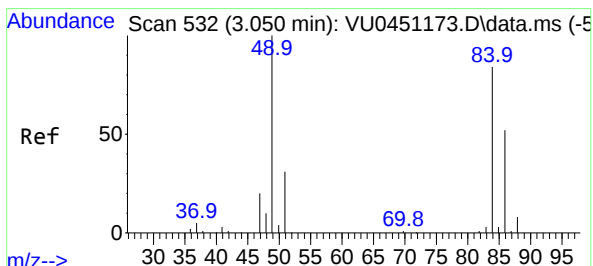
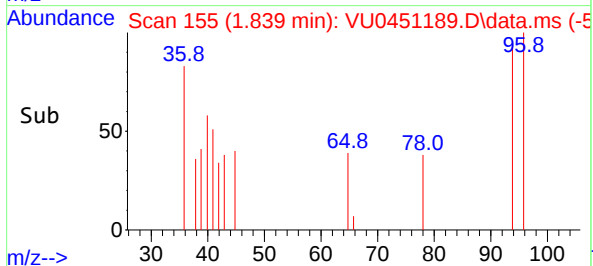
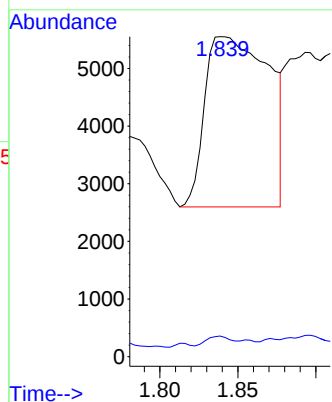
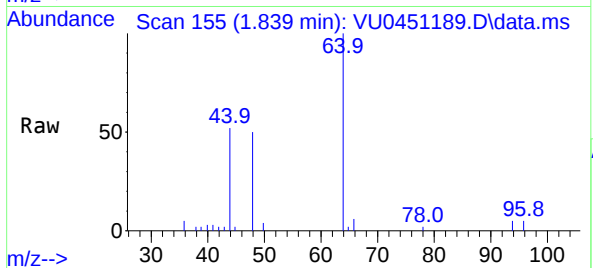




#8
Chloroethane
Concen: 4.015 ug/L
RT: 1.839 min Scan# 155
Delta R.T. -0.090 min
Lab File: VU0451189.D
Acq: 06 Oct 2021 16:38

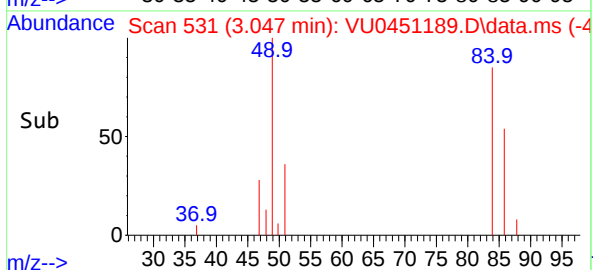
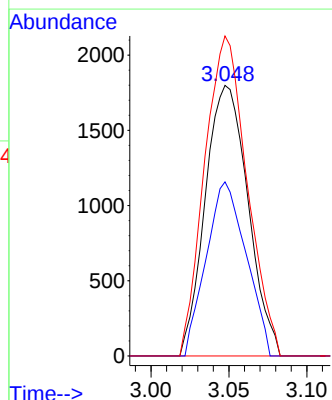
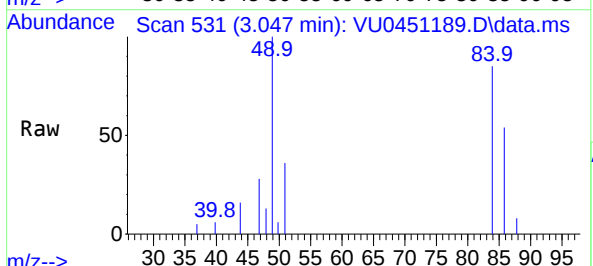
Instrument :
MSVOA_U
ClientSampleId :

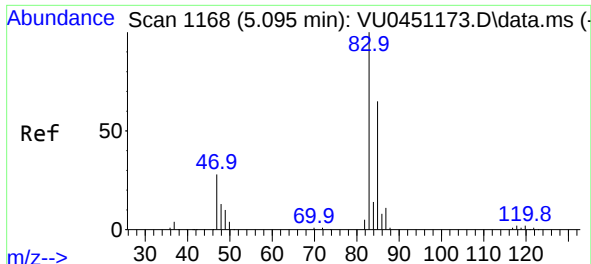
Tgt Ion: 64 Resp: 8448
Ion Ratio Lower Upper
64 100
66 6.3 22.3 41.3#



#16
Methylene chloride
Concen: 1.222 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU0451189.D
Acq: 06 Oct 2021 16:38

Tgt Ion: 84 Resp: 3437
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 118.3 92.9 172.5

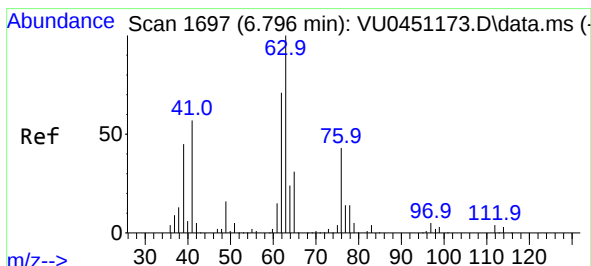
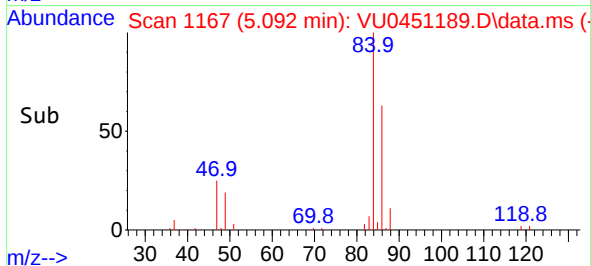
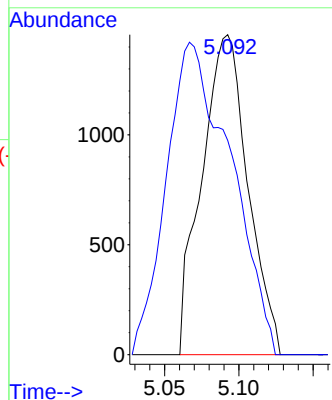
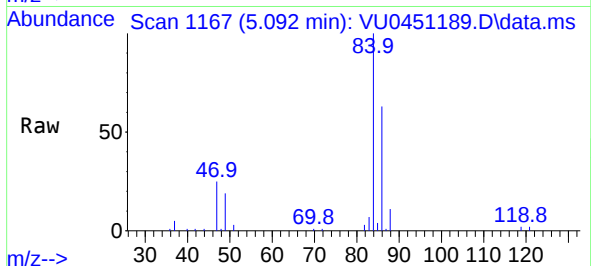




#25
Chloroform
Concen: 0.651 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU0451189.D
Acq: 06 Oct 2021 16:38

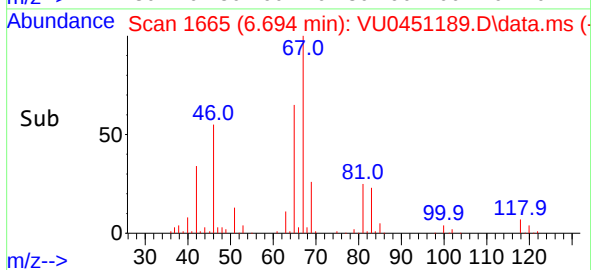
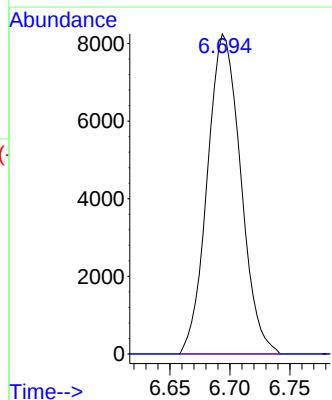
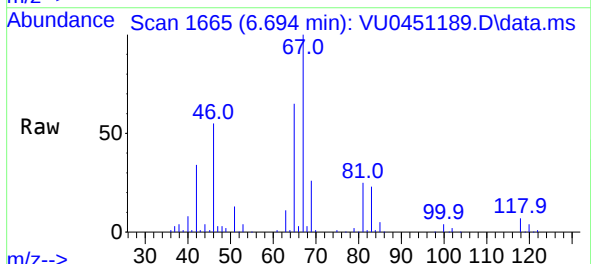
Instrument :
MSVOA_U
ClientSampled :

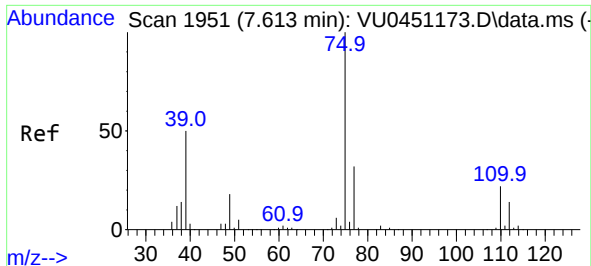
Tgt Ion: 83 Resp: 3147
Ion Ratio Lower Upper
83 100
85 67.0 45.6 84.6



#37
1,2-Dichloropropane
Concen: 5.725 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU0451189.D
Acq: 06 Oct 2021 16:38

Tgt Ion: 63 Resp: 15967
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

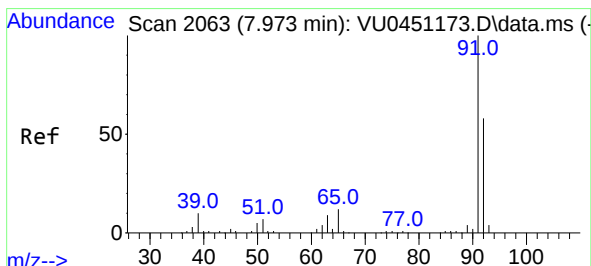
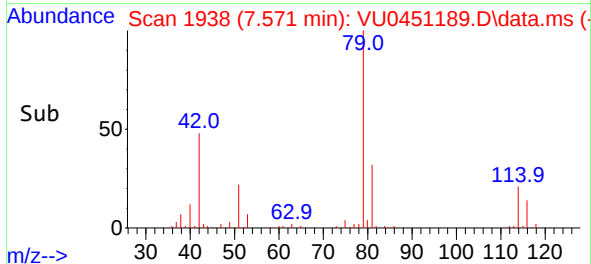
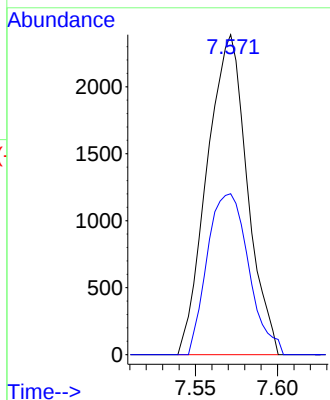
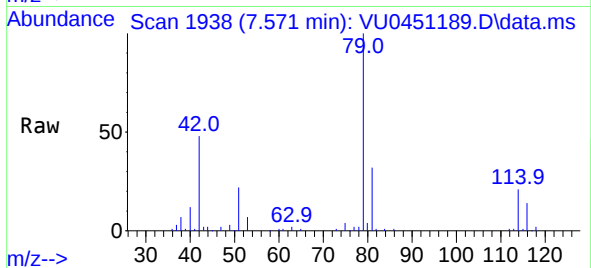




#39
 cis-1,3-Dichloropropene
 Concen: 1.018 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU0451189.D
 Acq: 06 Oct 2021 16:38

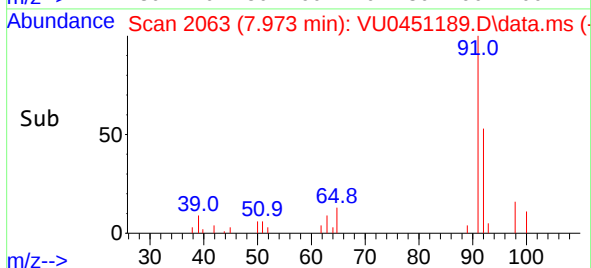
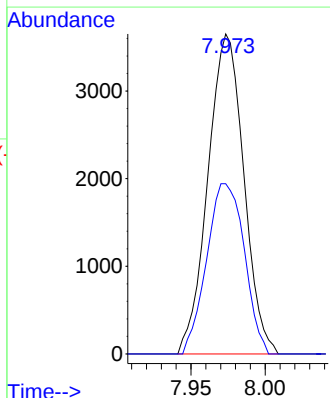
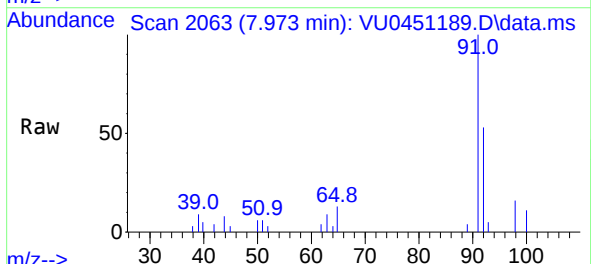
Instrument :
 MSVOA_U
 ClientSampled :

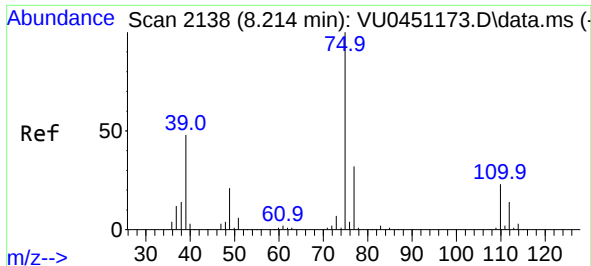
Tgt Ion: 75 Resp: 4061
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.4 41.6#



#42
 Toluene
 Concen: 0.589 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU0451189.D
 Acq: 06 Oct 2021 16:38

Tgt Ion: 91 Resp: 6134
 Ion Ratio Lower Upper
 91 100
 92 53.2 40.5 75.1

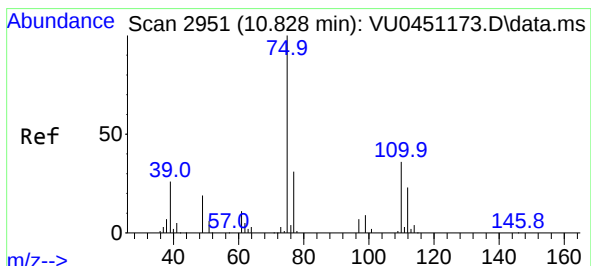
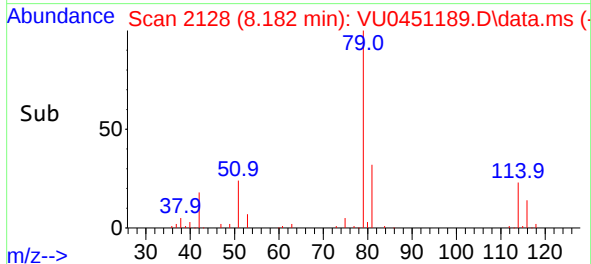
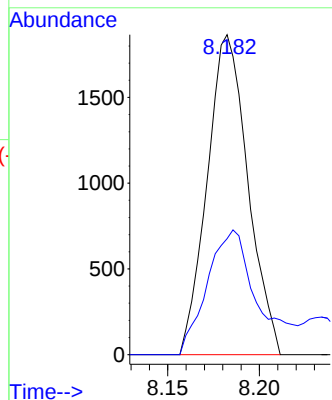
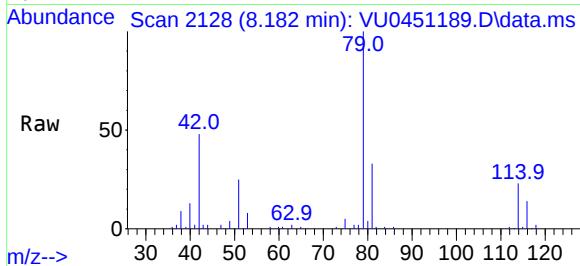




#44
trans-1,3-Dichloropropene
Concen: 0.759 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451189.D
Acq: 06 Oct 2021 16:38

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2880
Ion Ratio Lower Upper
75 100
77 36.2 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.970 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451189.D
Acq: 06 Oct 2021 16:38

Tgt Ion: 75 Resp: 16769
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 2.0 29.0 43.4#

