

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045259.D
 Acq On : 08 Oct 2021 18:14
 Operator : SY/MD
 Sample : M4023-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:33:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

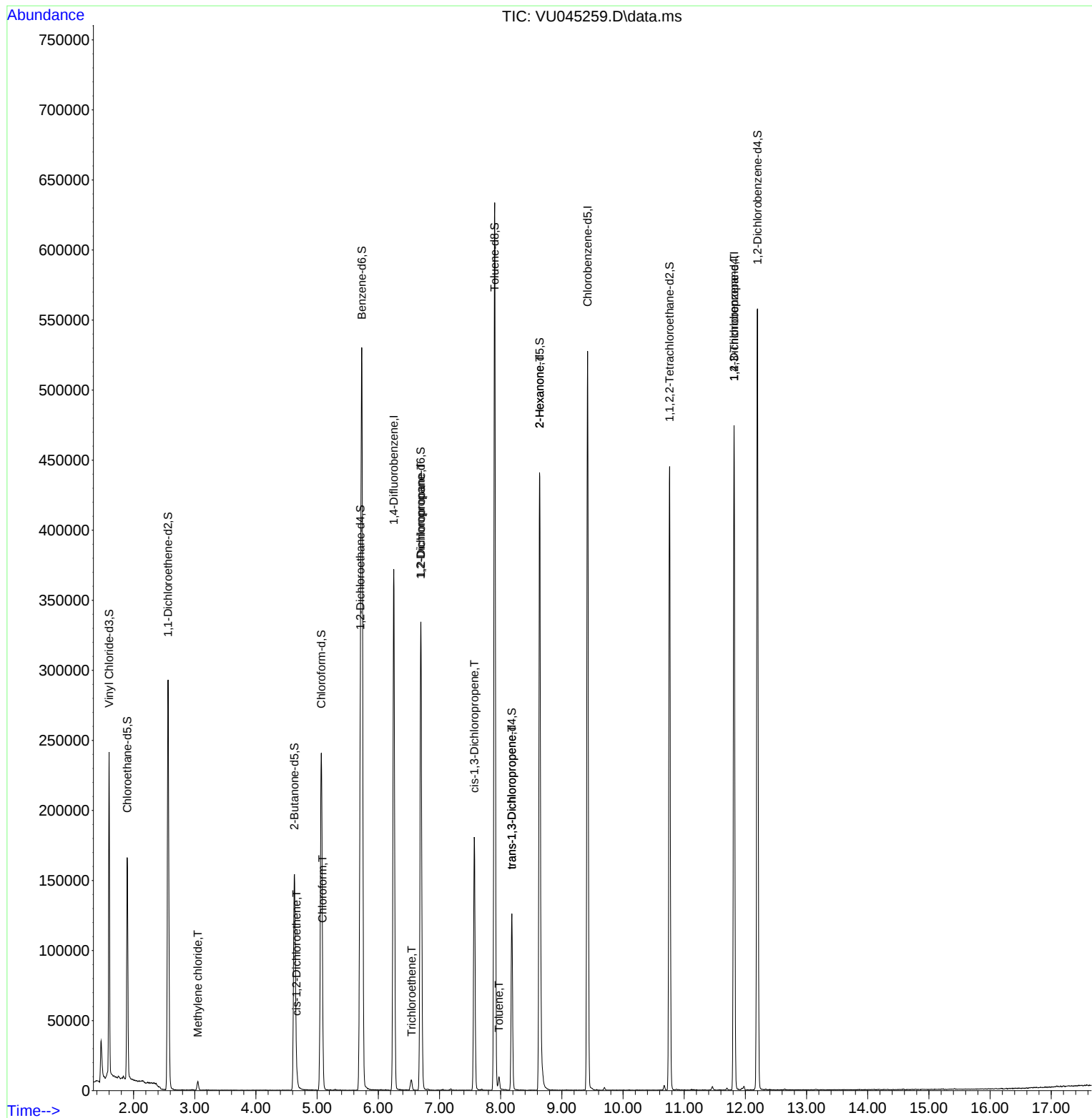
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282341	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	273159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	116249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	148659	48.097	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.200%		
7) Chloroethane-d5	1.896	69	118020	48.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.380%		
11) 1,1-Dichloroethene-d2	2.562	63	180951	34.862	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.720%		
21) 2-Butanone-d5	4.629	46	220749	90.341	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.340%		
24) Chloroform-d	5.070	84	219676	45.001	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.000%		
26) 1,2-Dichloroethane-d4	5.706	65	156676	47.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.760%		
32) Benzene-d6	5.732	84	471571	49.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.500%		
36) 1,2-Dichloropropane-d6	6.693	67	151797	49.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.240%		
41) Toluene-d8	7.902	98	403049	49.274	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.540%		
43) trans-1,3-Dichloroprop...	8.182	79	66091	48.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.140%		
47) 2-Hexanone-d5	8.635	63	153132	89.408	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.410%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	222442	46.220	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	137570	54.378	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.760%		
Target Compounds						Qvalue
16) Methylene chloride	3.051	84	2708	0.978	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	1321	0.520	ug/L	91
25) Chloroform	5.089	83	3642	0.765	ug/L	83
34) Trichloroethene	6.546	95	1273	0.523	ug/L	85
37) 1,2-Dichloropropane	6.697	63	17091	6.196	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3978	1.008	ug/L #	60
42) Toluene	7.973	91	6417	0.623	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2814	0.750	ug/L #	81
48) 2-Hexanone	8.635	43	18197	4.453	ug/L #	73
60) 1,2,3-Trichloropropane	11.815	75	15425	4.797	ug/L #	67

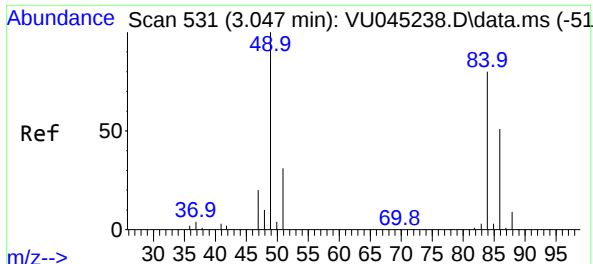
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045259.D
Acq On : 08 Oct 2021 18:14
Operator : SY/MD
Sample : M4023-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

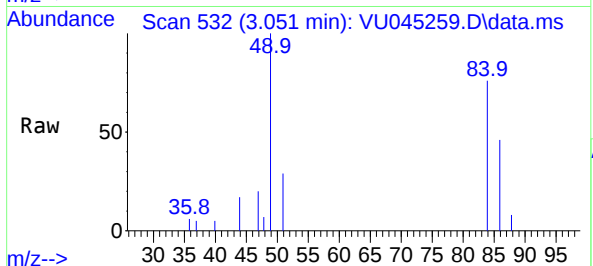
Quant Time: Oct 09 05:33:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration





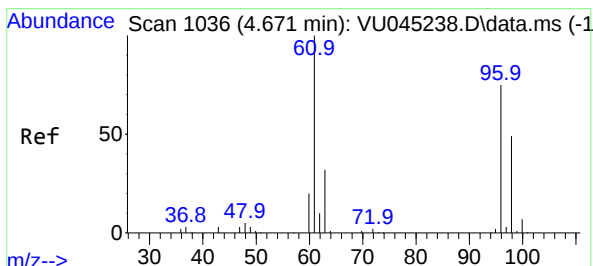
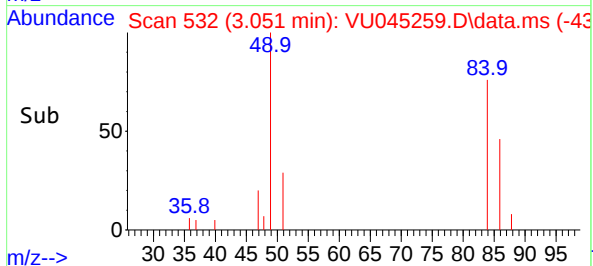
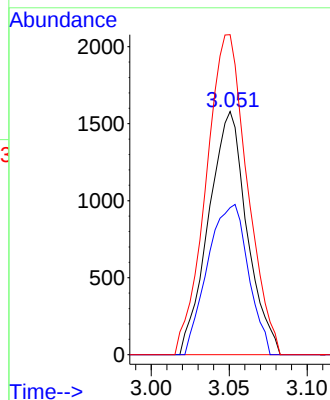
#16
Methylene chloride
Concen: 0.978 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 2708

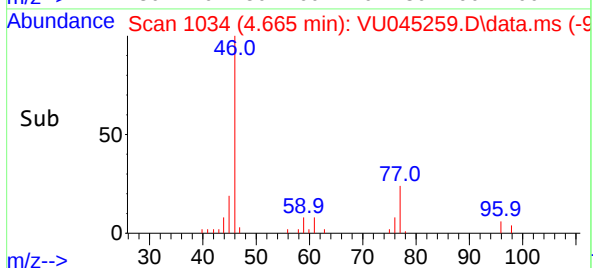
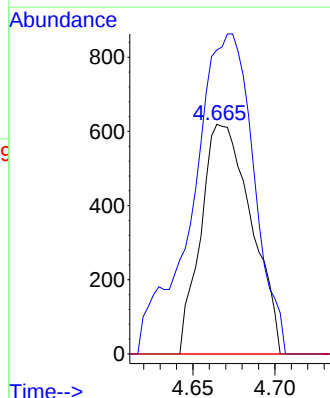
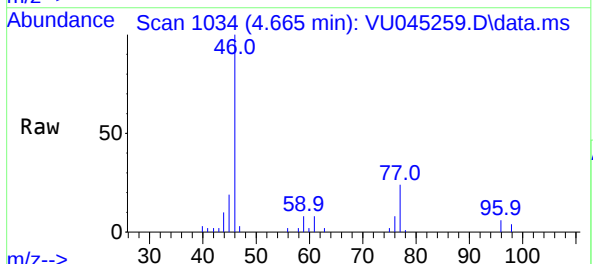
Ion	Ratio	Lower	Upper
84	100		
86	60.5	44.7	83.1
49	131.6	92.9	172.5

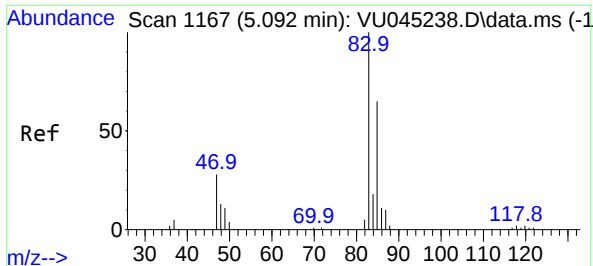


#20
cis-1,2-Dichloroethene
Concen: 0.520 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.007 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Tgt Ion: 96 Resp: 1321

Ion	Ratio	Lower	Upper
96	100		
61	132.5	100.2	186.0
68	0.0	0.0	0.0



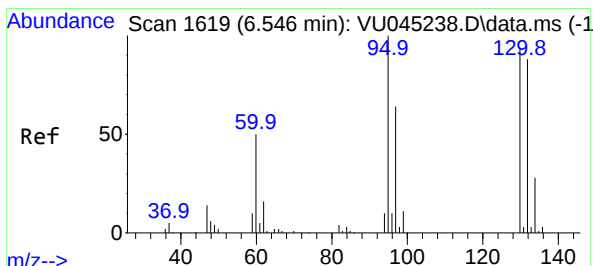
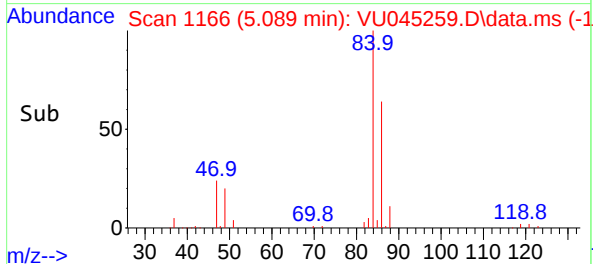
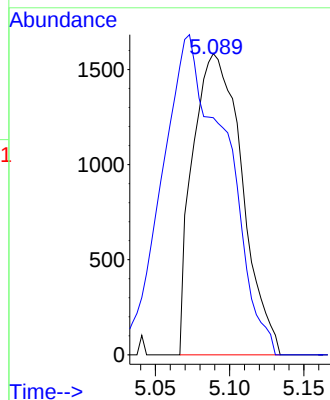
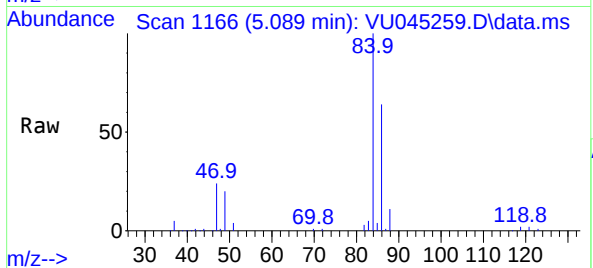


#25

Chloroform
Concen: 0.765 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Instrument :
MSVOA_U
ClientSampleId :

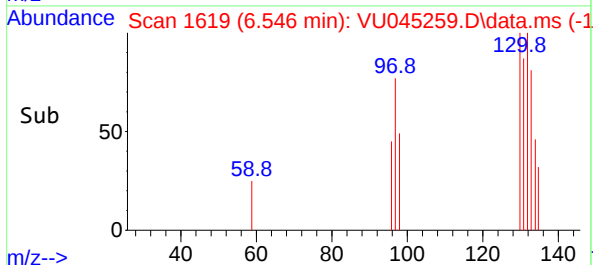
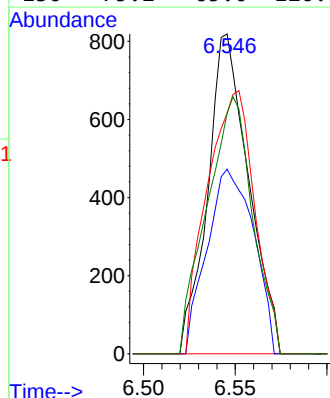
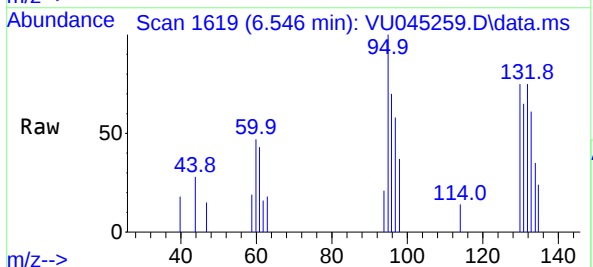
Tgt Ion: 83 Resp: 3642
Ion Ratio Lower Upper
83 100
85 78.7 45.6 84.6

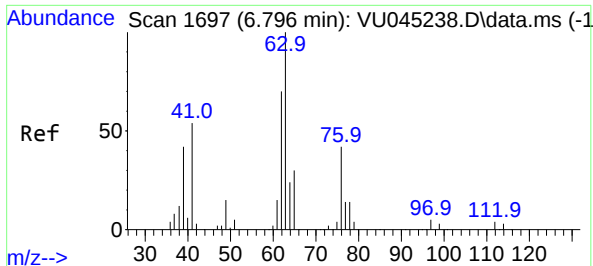


#34

Trichloroethene
Concen: 0.523 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Tgt Ion: 95 Resp: 1273
Ion Ratio Lower Upper
95 100
97 57.8 44.4 82.4
132 75.2 62.9 116.9
130 75.2 65.0 120.8

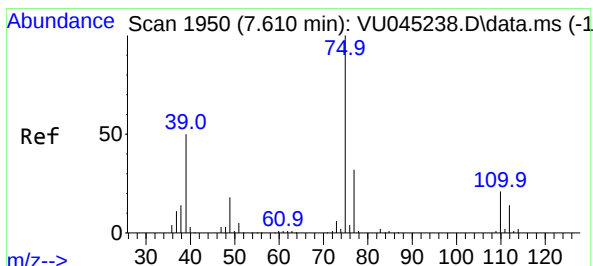
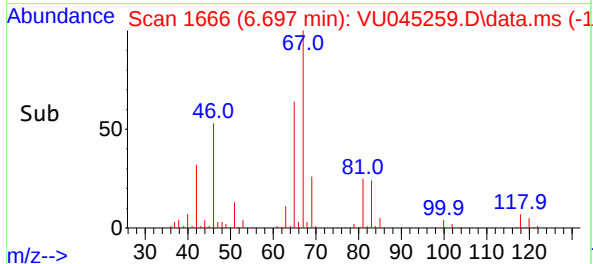
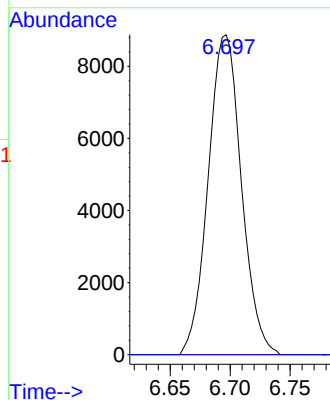
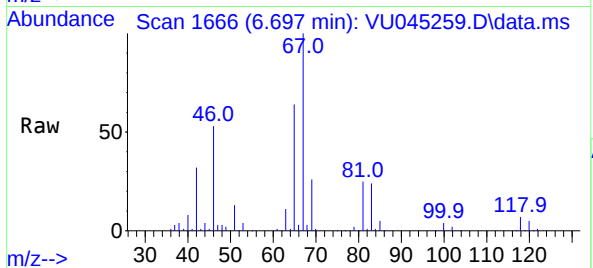




#37
1,2-Dichloropropane
Concen: 6.196 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

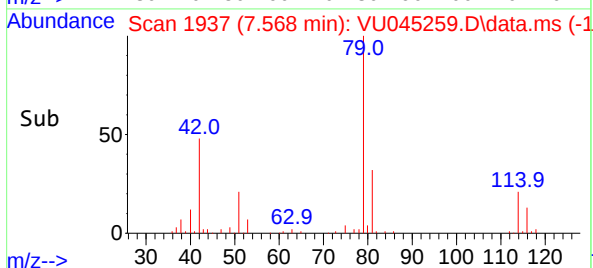
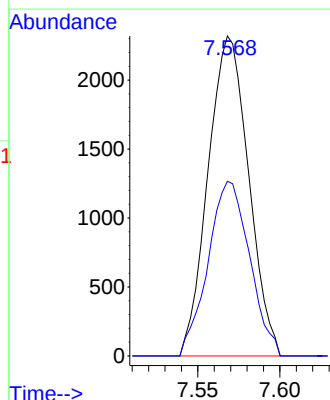
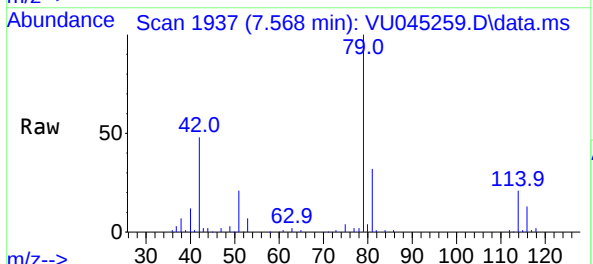
Instrument :
MSVOA_U
ClientSampled :

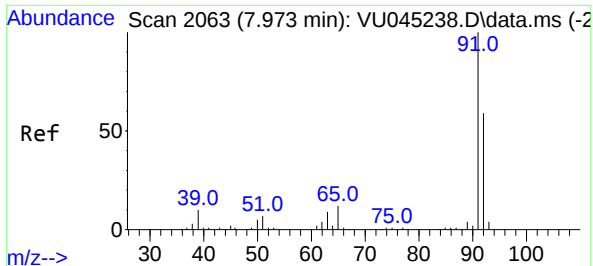
Tgt Ion: 63 Resp: 17091
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 1.008 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Tgt Ion: 75 Resp: 3978
Ion Ratio Lower Upper
75 100
77 54.6 22.4 41.6#

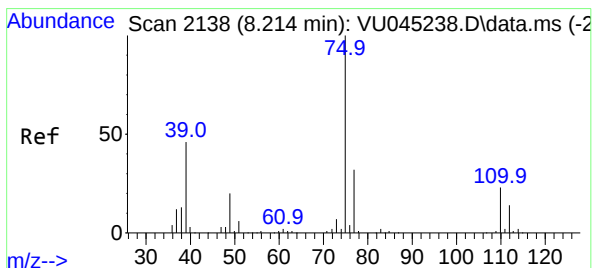
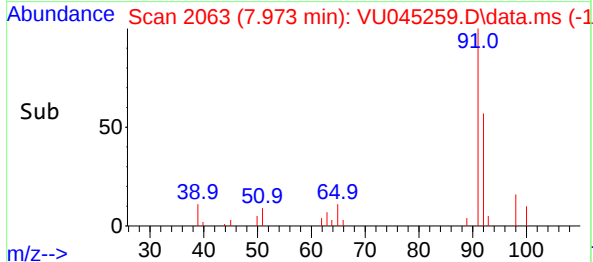
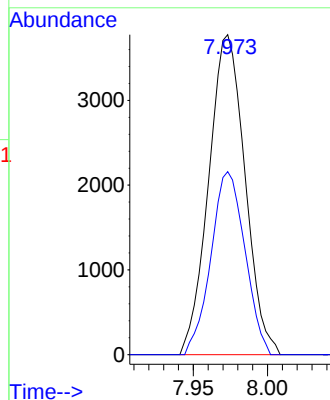
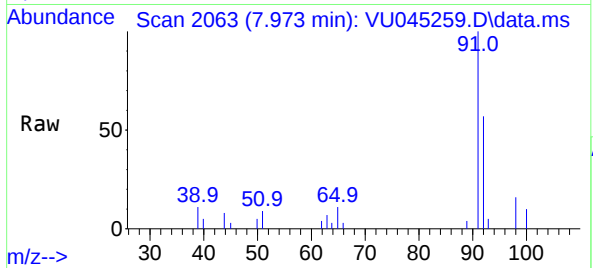




#42
Toluene
Concen: 0.623 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

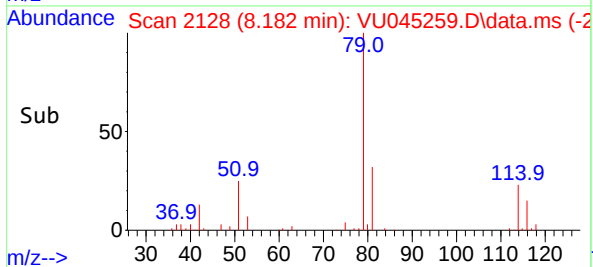
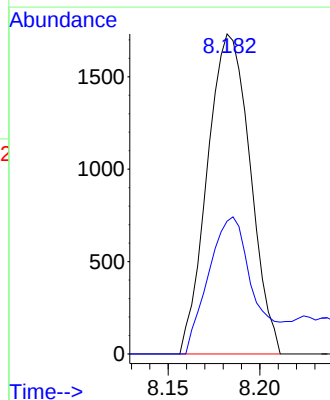
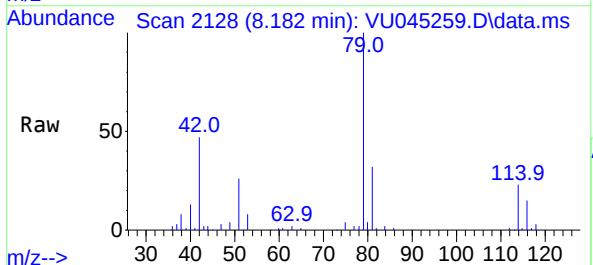
Instrument :
MSVOA_U
ClientSampled :

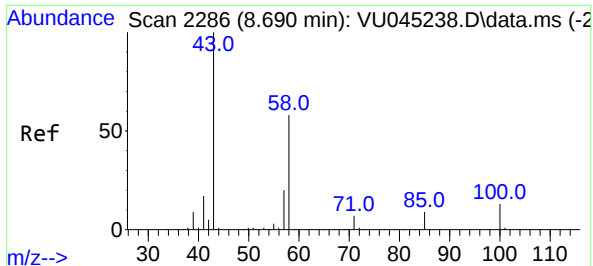
Tgt Ion: 91 Resp: 6417
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.750 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Tgt Ion: 75 Resp: 2814
Ion Ratio Lower Upper
75 100
77 41.5 21.7 40.3#

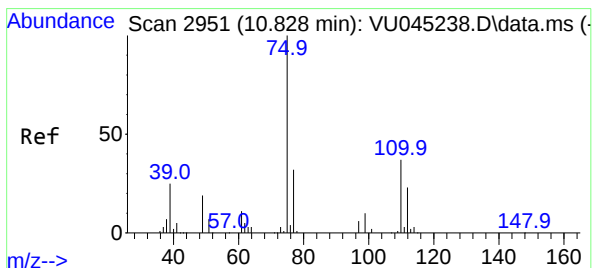
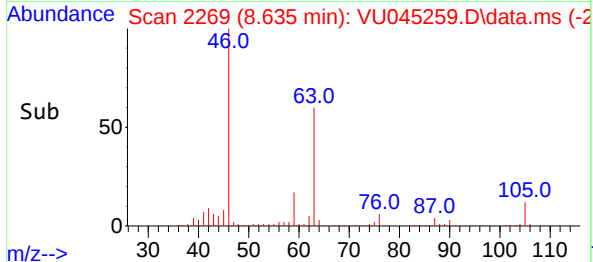
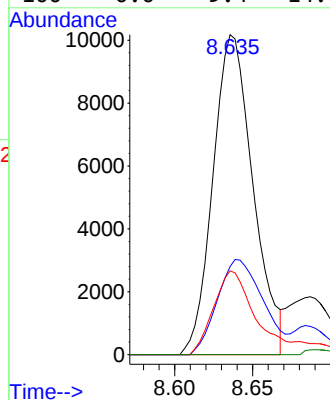
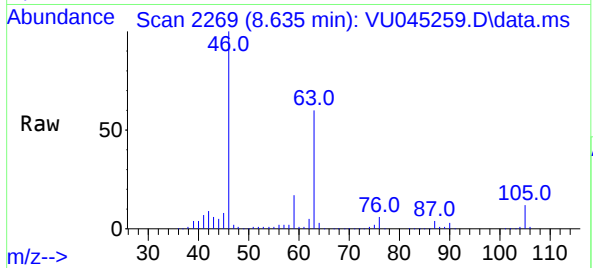




#48
2-Hexanone
Concen: 4.453 ug/L
RT: 8.635 min Scan# 2269
Delta R.T. -0.055 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 18197
Ion Ratio	Lower Upper
43 100	
58 33.9	44.9 67.3#
57 26.8	15.5 23.3#
100 0.0	9.4 14.0#



#60
1,2,3-Trichloropropane
Concen: 4.797 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045259.D
Acq: 08 Oct 2021 18:14

Tgt Ion: 75	Resp: 15425
Ion Ratio	Lower Upper
75 100	
77 34.4	25.5 38.3
110 1.9	29.0 43.4#

