

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045226.D
 Acq On : 07 Oct 2021 22:40
 Operator : SY/MD
 Sample : M4138-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 08 02:13:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

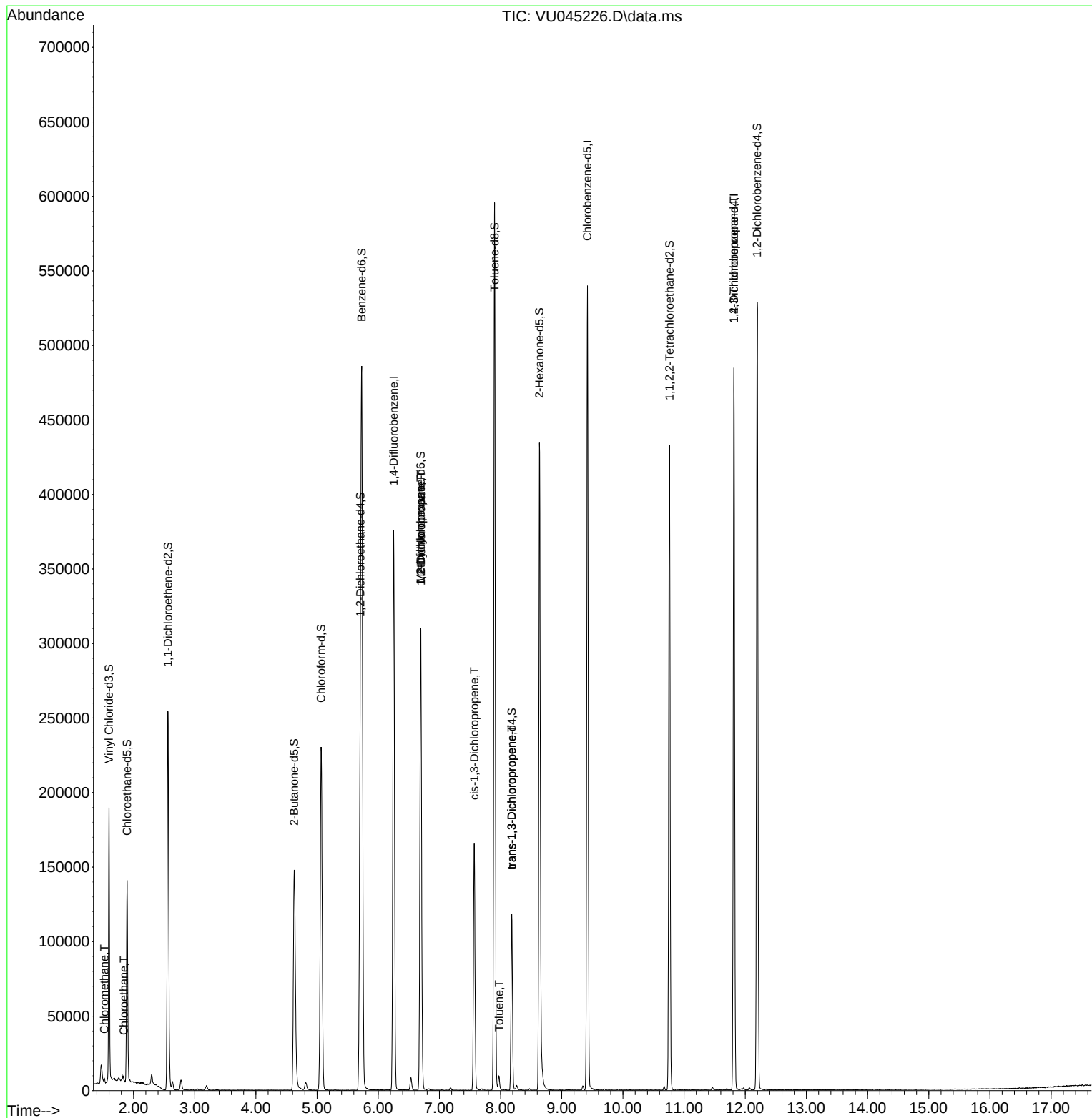
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288858	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	277391	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	118587	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	119037	37.644	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.280%		
7) Chloroethane-d5	1.893	69	103208	41.188	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.380%		
11) 1,1-Dichloroethene-d2	2.562	63	154897	29.169	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.340%#		
21) 2-Butanone-d5	4.626	46	213389	85.359	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.360%		
24) Chloroform-d	5.067	84	207196	41.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.980%		
26) 1,2-Dichloroethane-d4	5.707	65	149599	44.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.440%		
32) Benzene-d6	5.729	84	431178	44.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.600%		
36) 1,2-Dichloropropane-d6	6.694	67	141677	45.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.280%		
41) Toluene-d8	7.903	98	371339	44.704	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.400%		
43) trans-1,3-Dichloroprop...	8.182	79	61442	44.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.020%		
47) 2-Hexanone-d5	8.636	63	149356	85.873	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.870%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	212775	43.537	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.080%		
66) 1,2-Dichlorobenzene-d4	12.195	152	129549	50.198	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.400%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2627	0.762	ug/L	89
8) Chloroethane	1.842	64	1369	0.646	ug/L #	43
35) Methylcyclohexane	6.694	83	32811	7.931	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	16202	5.784	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4059	1.013	ug/L #	64
42) Toluene	7.977	91	6036	0.577	ug/L	86
44) trans-1,3-Dichloropropene	8.182	75	2699	0.708	ug/L	85
60) 1,2,3-Trichloropropane	11.816	75	16315	4.974	ug/L #	69

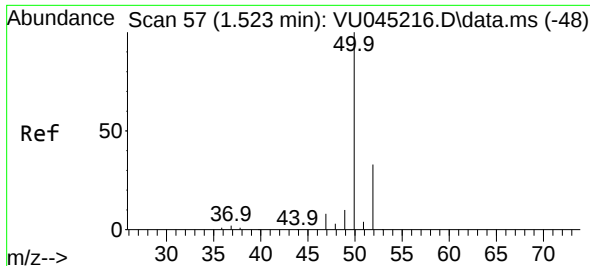
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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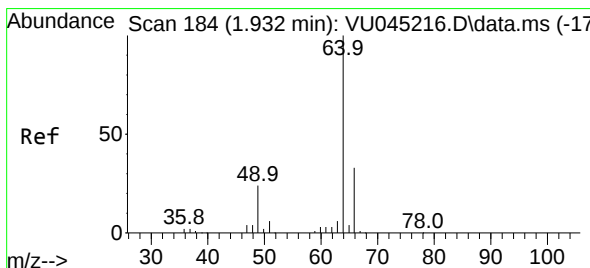
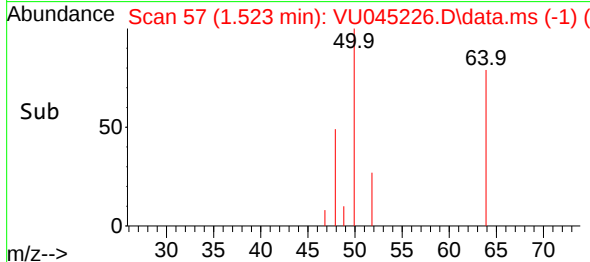
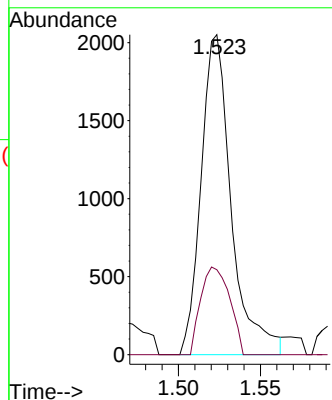
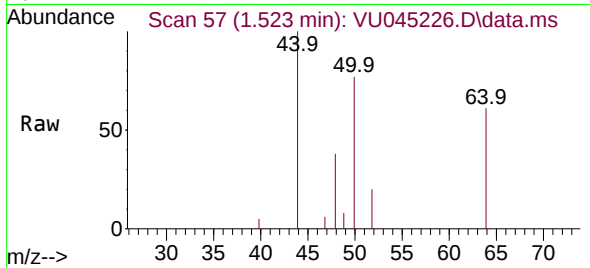




#3
Chloromethane
Concen: 0.762 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045226.D
Acq: 07 Oct 2021 22:40

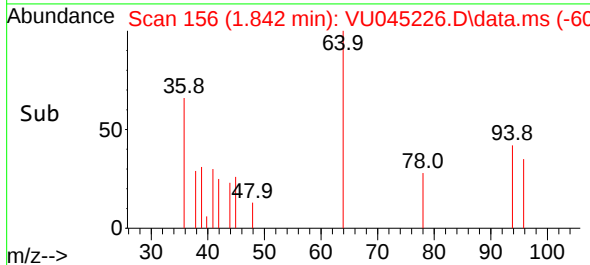
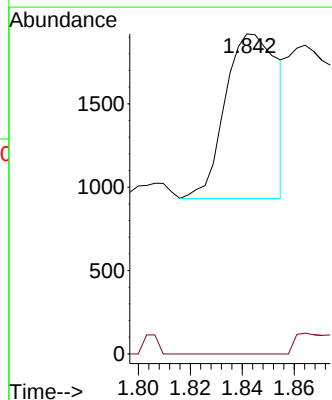
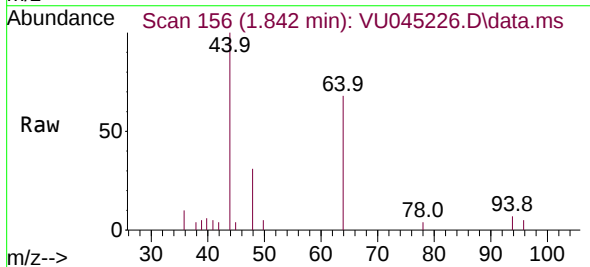
Instrument :
MSVOA_U
ClientSampled :

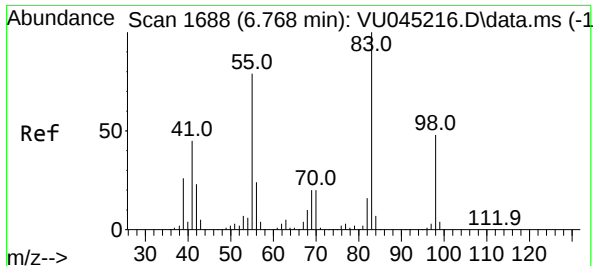
Tgt Ion: 50 Resp: 2627
Ion Ratio Lower Upper
50 100
52 26.5 23.0 42.8



#8
Chloroethane
Concen: 0.646 ug/L
RT: 1.842 min Scan# 156
Delta R.T. -0.090 min
Lab File: VU045226.D
Acq: 07 Oct 2021 22:40

Tgt Ion: 64 Resp: 1369
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.3#





#35

Methylcyclohexane

Concen: 7.931 ug/L

RT: 6.694 min Scan# 1665

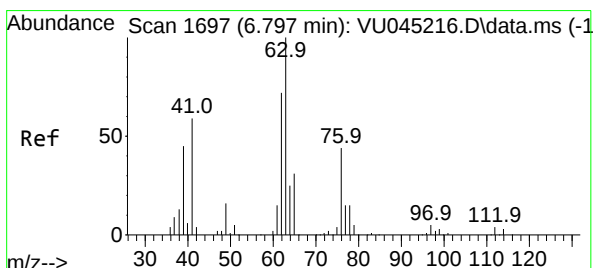
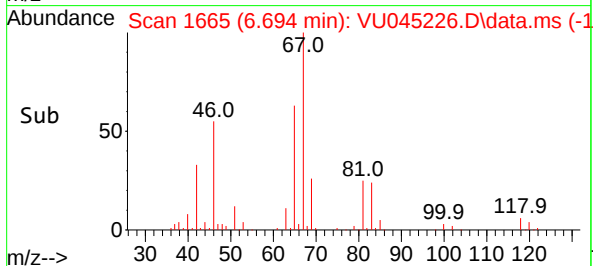
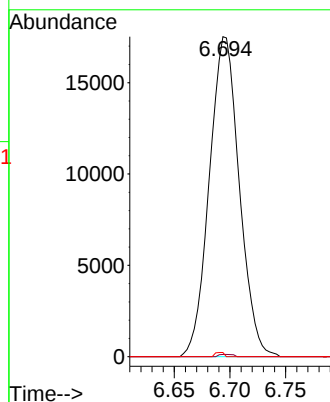
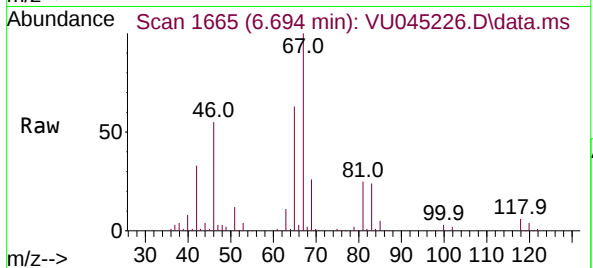
Delta R.T. -0.074 min

Lab File: VU045226.D

Acq: 07 Oct 2021 22:40

Tgt Ion:	83	Resp:	32811
Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.8	98.6#
98	0.4	37.1	55.7#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 5.784 ug/L

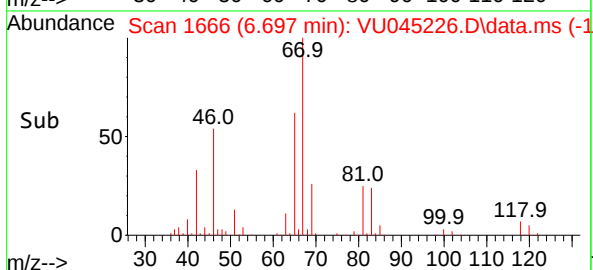
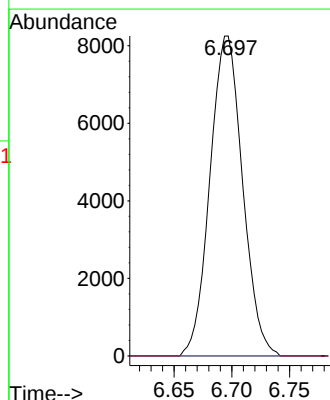
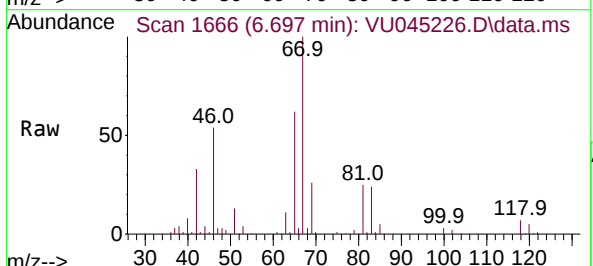
RT: 6.697 min Scan# 1666

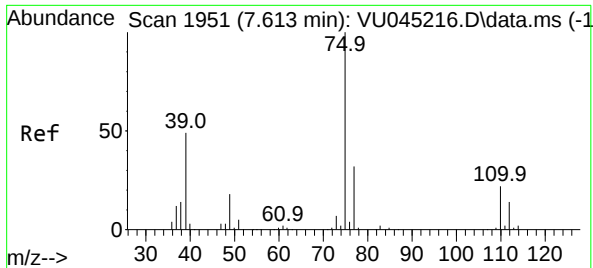
Delta R.T. -0.100 min

Lab File: VU045226.D

Acq: 07 Oct 2021 22:40

Tgt Ion:	63	Resp:	16202
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



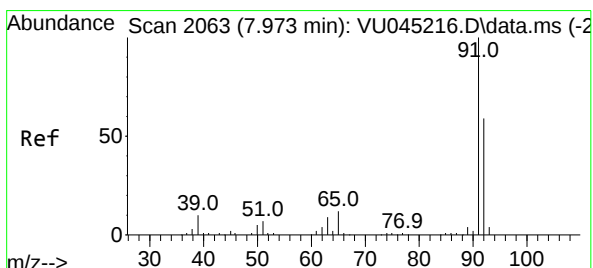
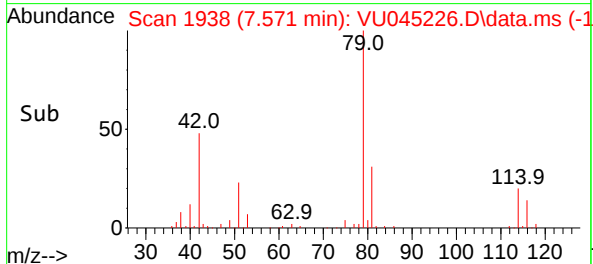
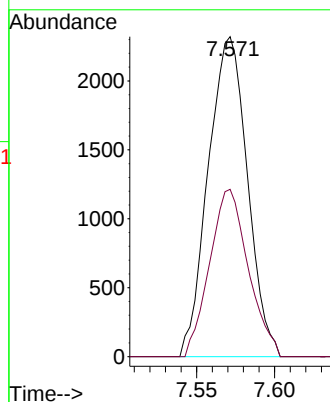
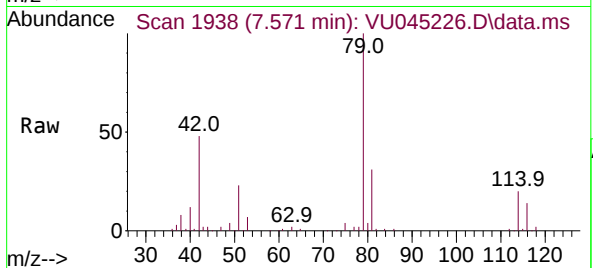


#39

cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045226.D
Acq: 07 Oct 2021 22:40

Instrument :
MSVOA_U
ClientSampled :

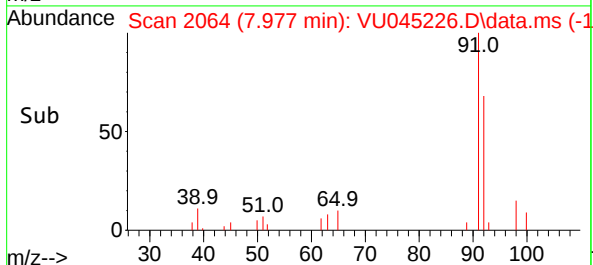
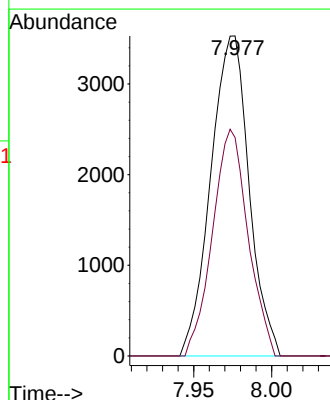
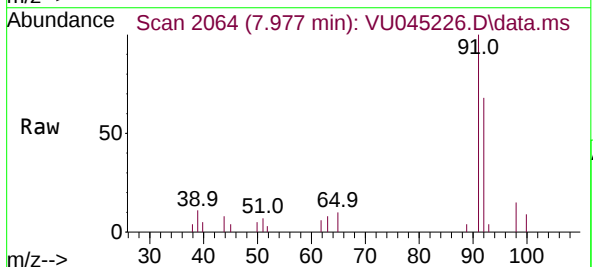
Tgt Ion: 75 Resp: 4059
Ion Ratio Lower Upper
75 100
77 52.3 22.4 41.6#

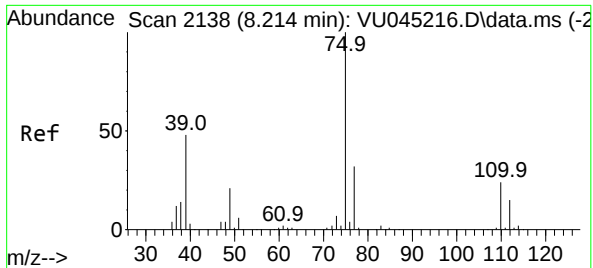


#42

Toluene
Concen: 0.577 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU045226.D
Acq: 07 Oct 2021 22:40

Tgt Ion: 91 Resp: 6036
Ion Ratio Lower Upper
91 100
92 68.2 40.5 75.1

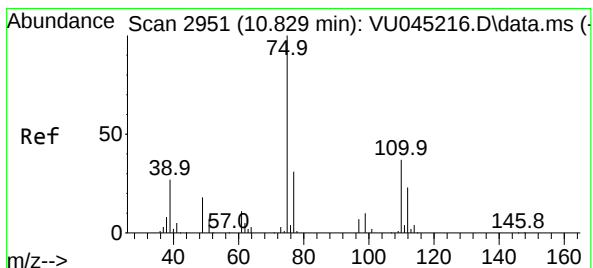
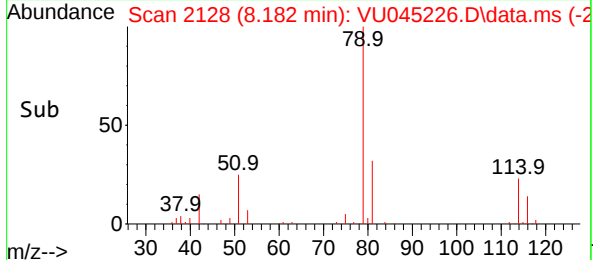
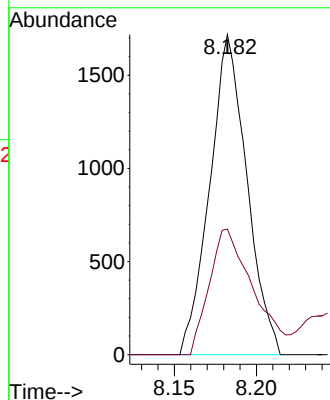
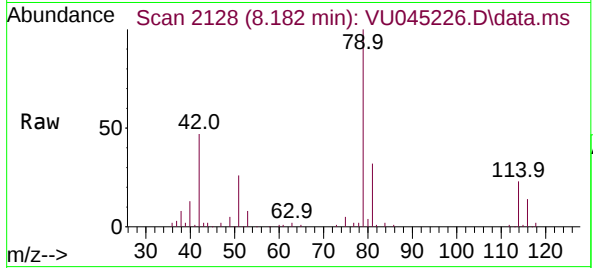




#44
trans-1,3-Dichloropropene
Concen: 0.708 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045226.D
Acq: 07 Oct 2021 22:40

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2699
Ion Ratio Lower Upper
75 100
77 39.2 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.974 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045226.D
Acq: 07 Oct 2021 22:40

Tgt Ion: 75 Resp: 16315
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 2.0 29.0 43.4#

