

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045147.D
 Acq On : 05 Oct 2021 16:07
 Operator : SY/MD
 Sample : M3996-09DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A27DL

Quant Time: Oct 06 01:46:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

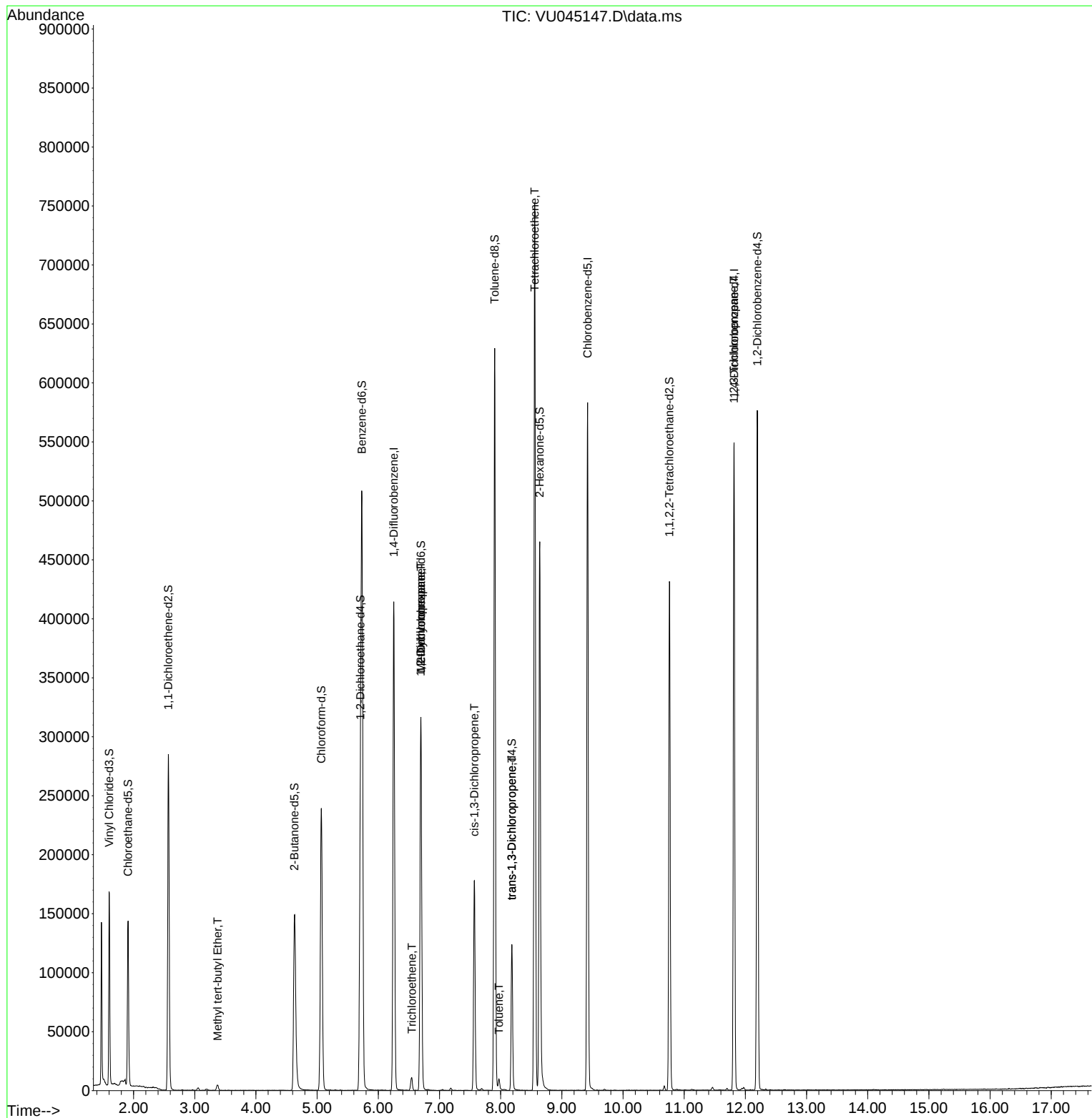
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	324157	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	300973	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	135357	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	118254	33.324	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.640%		
7) Chloroethane-d5	1.909	69	104968	37.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.660%		
11) 1,1-Dichloroethene-d2	2.568	63	169430	28.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.860%#		
21) 2-Butanone-d5	4.629	46	229946	81.965	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.970%		
24) Chloroform-d	5.070	84	216528	38.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.260%		
26) 1,2-Dichloroethane-d4	5.707	65	155459	40.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.900%		
32) Benzene-d6	5.732	84	455771	43.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.280%		
36) 1,2-Dichloropropane-d6	6.697	67	143974	42.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.560%		
41) Toluene-d8	7.903	98	396873	44.035	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.060%		
43) trans-1,3-Dichloroprop...	8.182	79	66439	43.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.720%		
47) 2-Hexanone-d5	8.639	63	162631	86.179	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.180%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214203	40.395	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.780%		
66) 1,2-Dichlorobenzene-d4	12.195	152	140584	47.724	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.440%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.375	73	5082	0.583	ug/L	96
34) Trichloroethene	6.549	95	2902	1.082	ug/L	88
35) Methylcyclohexane	6.697	83	34227	7.625	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	16819	5.534	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4407	1.013	ug/L #	66
42) Toluene	7.973	91	6247	0.551	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2910	0.704	ug/L #	72
46) Tetrachloroethene	8.555	164	157998	82.443	ug/L	98
60) 1,2,3-Trichloropropane	11.812	75	18110	4.837	ug/L #	68

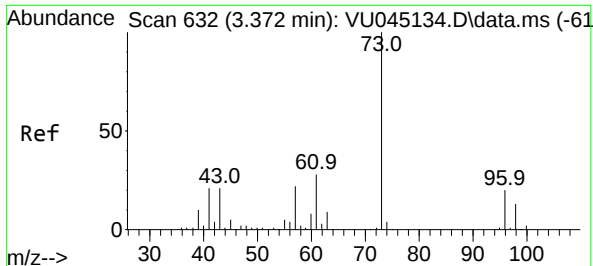
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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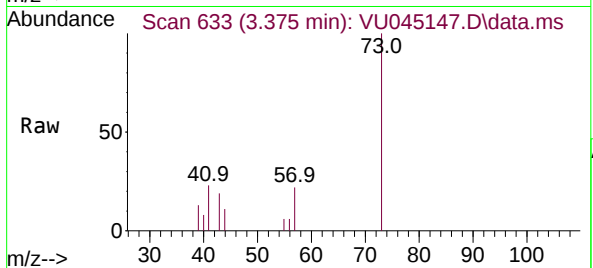
Quant Time: Oct 06 01:46:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
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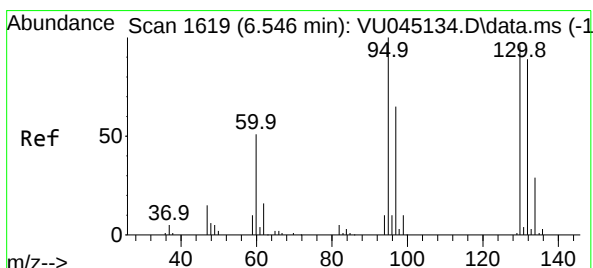
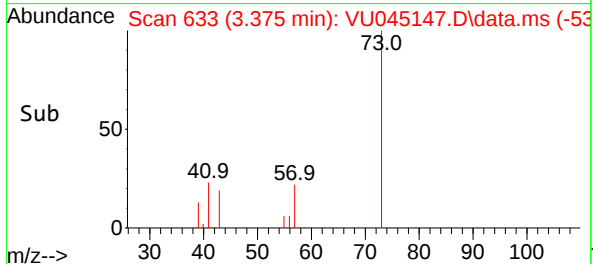
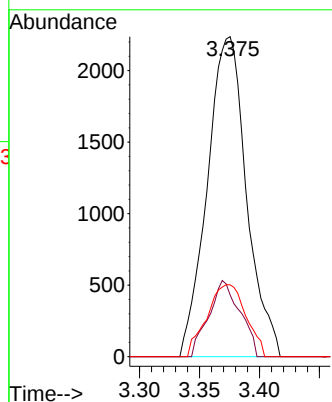
#18
Methyl tert-butyl Ether
Concen: 0.583 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Instrument :
MSVOA_U
ClientSampleId :
F4A27DL

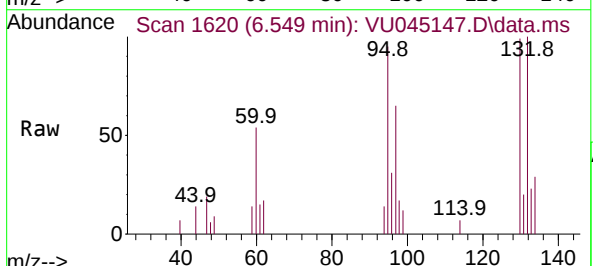


Tgt Ion: 73 Resp: 5082

Ion	Ratio	Lower	Upper
73	100		
43	18.9	17.3	25.9
57	22.4	18.7	28.1

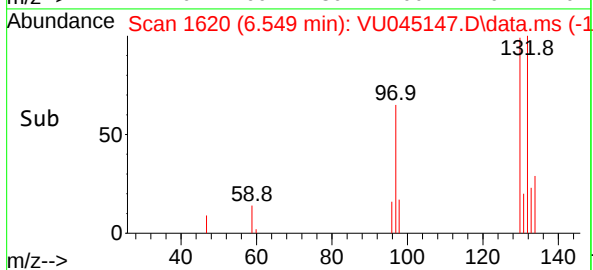
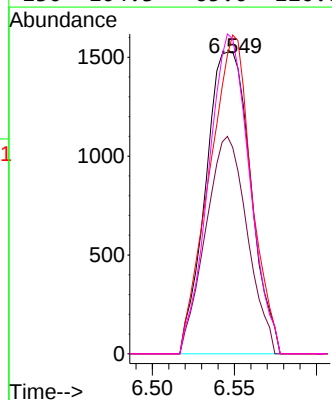


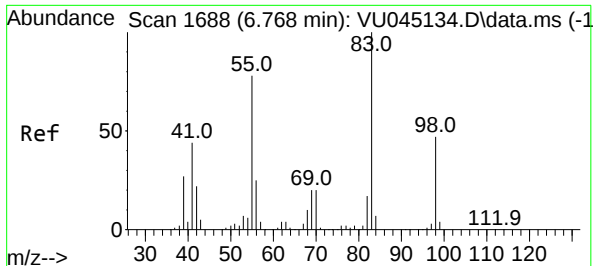
#34
Trichloroethene
Concen: 1.082 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07



Tgt Ion: 95 Resp: 2902

Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.4	82.4
132	105.5	62.9	116.9
130	104.3	65.0	120.8

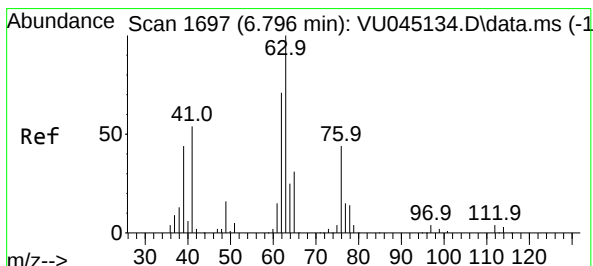
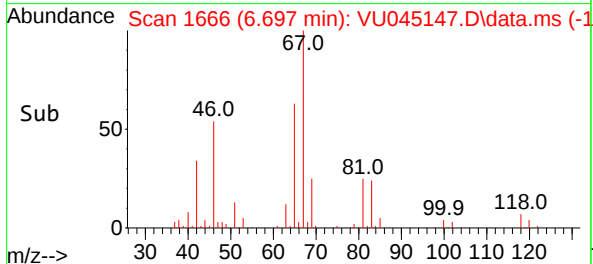
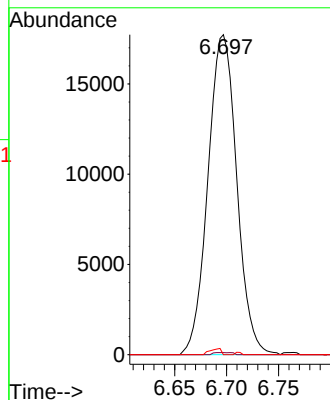
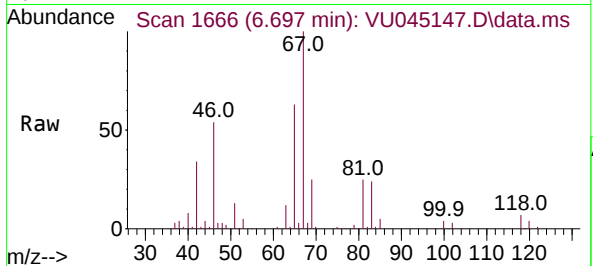




#35
Methylcyclohexane
Concen: 7.625 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

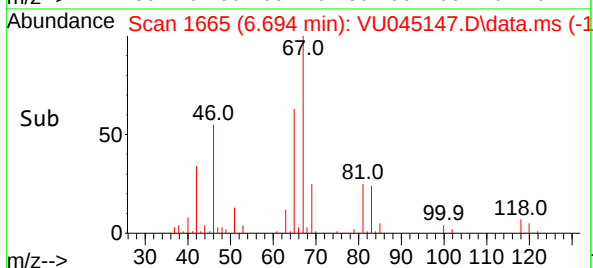
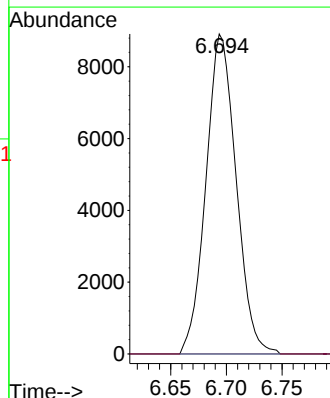
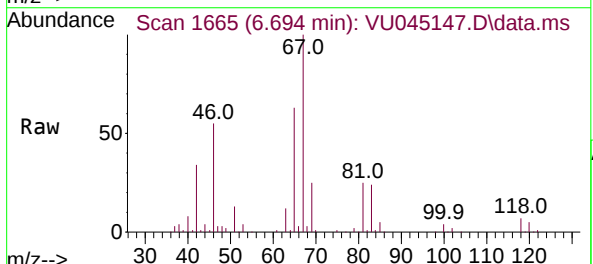
Instrument :
MSVOA_U
ClientSampled :
F4A27DL

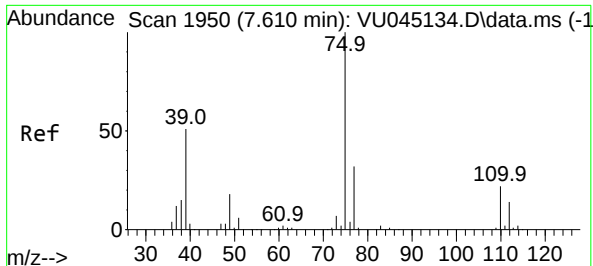
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.8	98.6#
98	0.7	37.1	55.7#



#37
1,2-Dichloropropane
Concen: 5.534 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

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



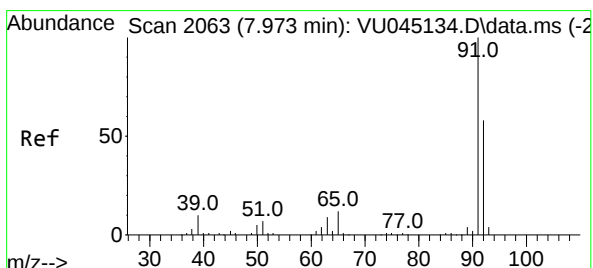
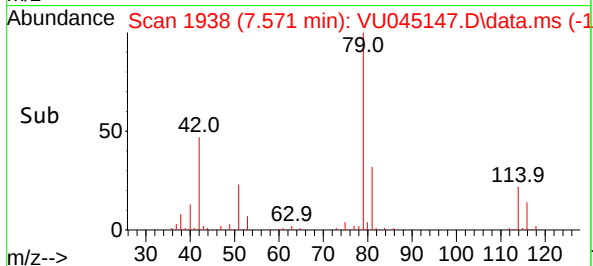
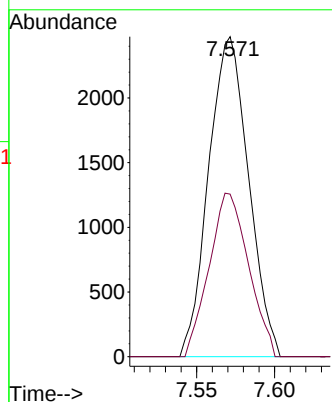
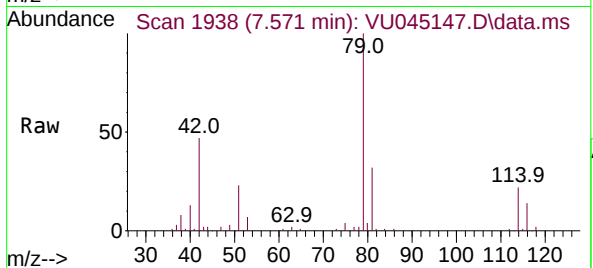


#39

cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Instrument :
MSVOA_U
ClientSampled :
F4A27DL

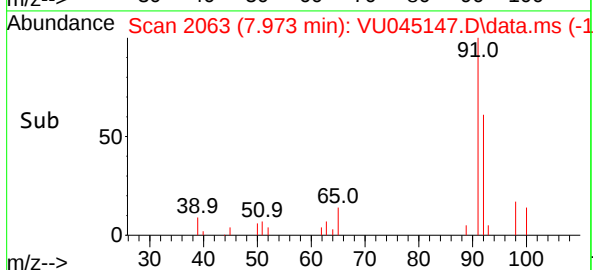
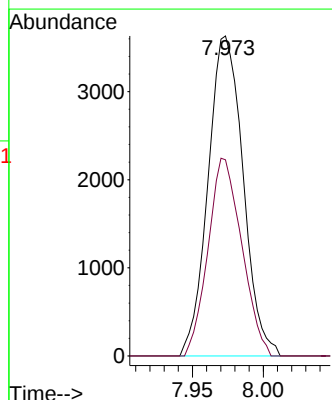
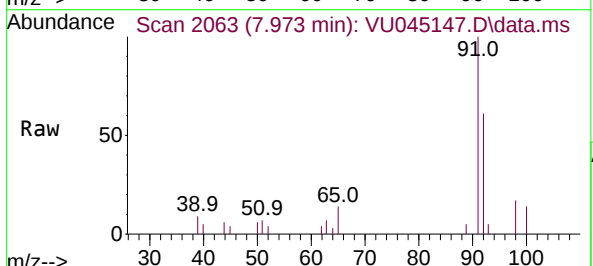
Tgt Ion: 75 Resp: 4407
Ion Ratio Lower Upper
75 100
77 50.8 22.4 41.6#

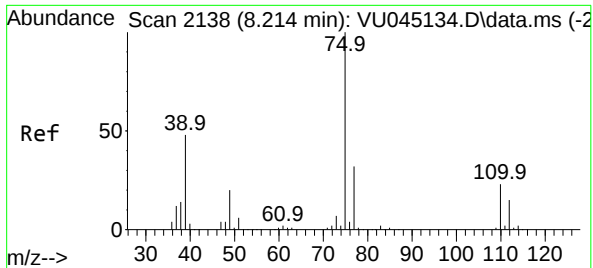


#42

Toluene
Concen: 0.551 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Tgt Ion: 91 Resp: 6247
Ion Ratio Lower Upper
91 100
92 61.3 40.5 75.1

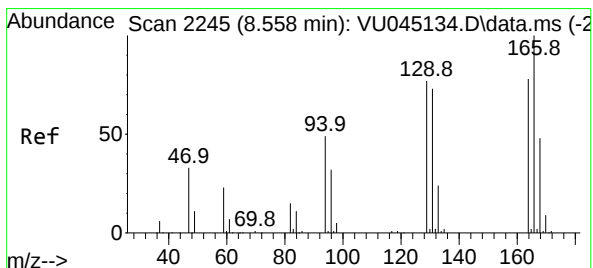
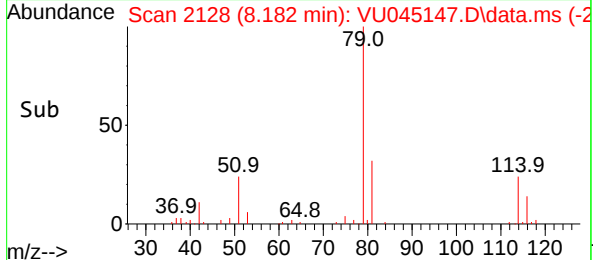
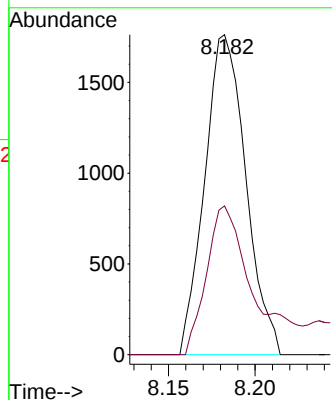
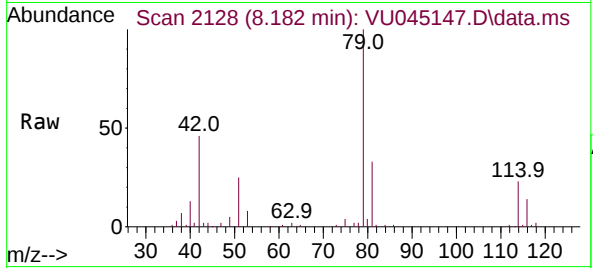




#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

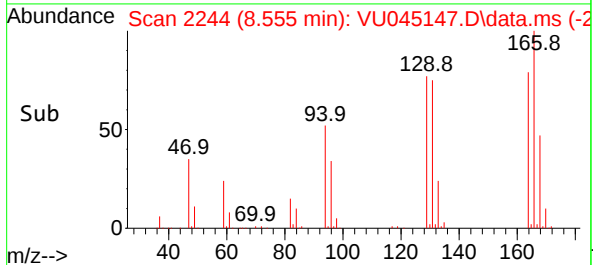
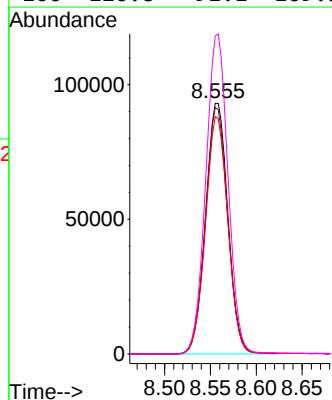
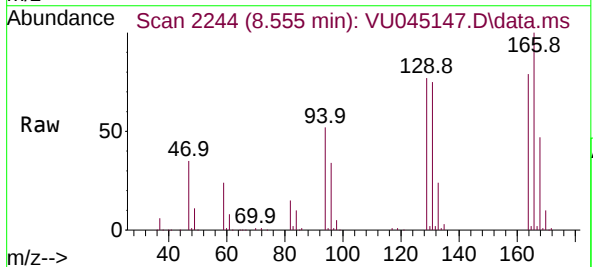
Instrument :
MSVOA_U
ClientSampled :
F4A27DL

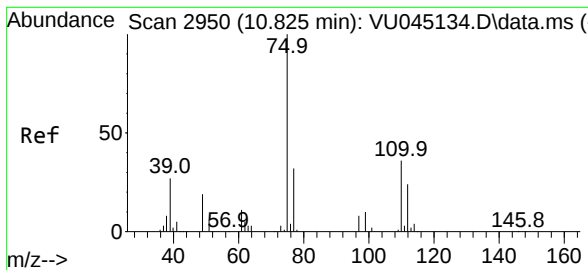
Tgt Ion: 75 Resp: 2910
Ion Ratio Lower Upper
75 100
77 46.5 21.7 40.3#



#46
Tetrachloroethene
Concen: 82.443 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Tgt Ion:164 Resp: 157998
Ion Ratio Lower Upper
164 100
129 98.3 69.8 129.6
131 94.6 66.4 123.2
166 126.8 91.1 169.3





#60
 1,2,3-Trichloropropane
 Concen: 4.837 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU045147.D
 Acq: 05 Oct 2021 16:07

Instrument :
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Tgt Ion: 75 Resp: 18110
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.5 38.3
 110 2.9 29.0 43.4#

