

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047092.D
 Acq On : 10 Feb 2022 22:30
 Operator : SY/MD
 Sample : N1462-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 01:17:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

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

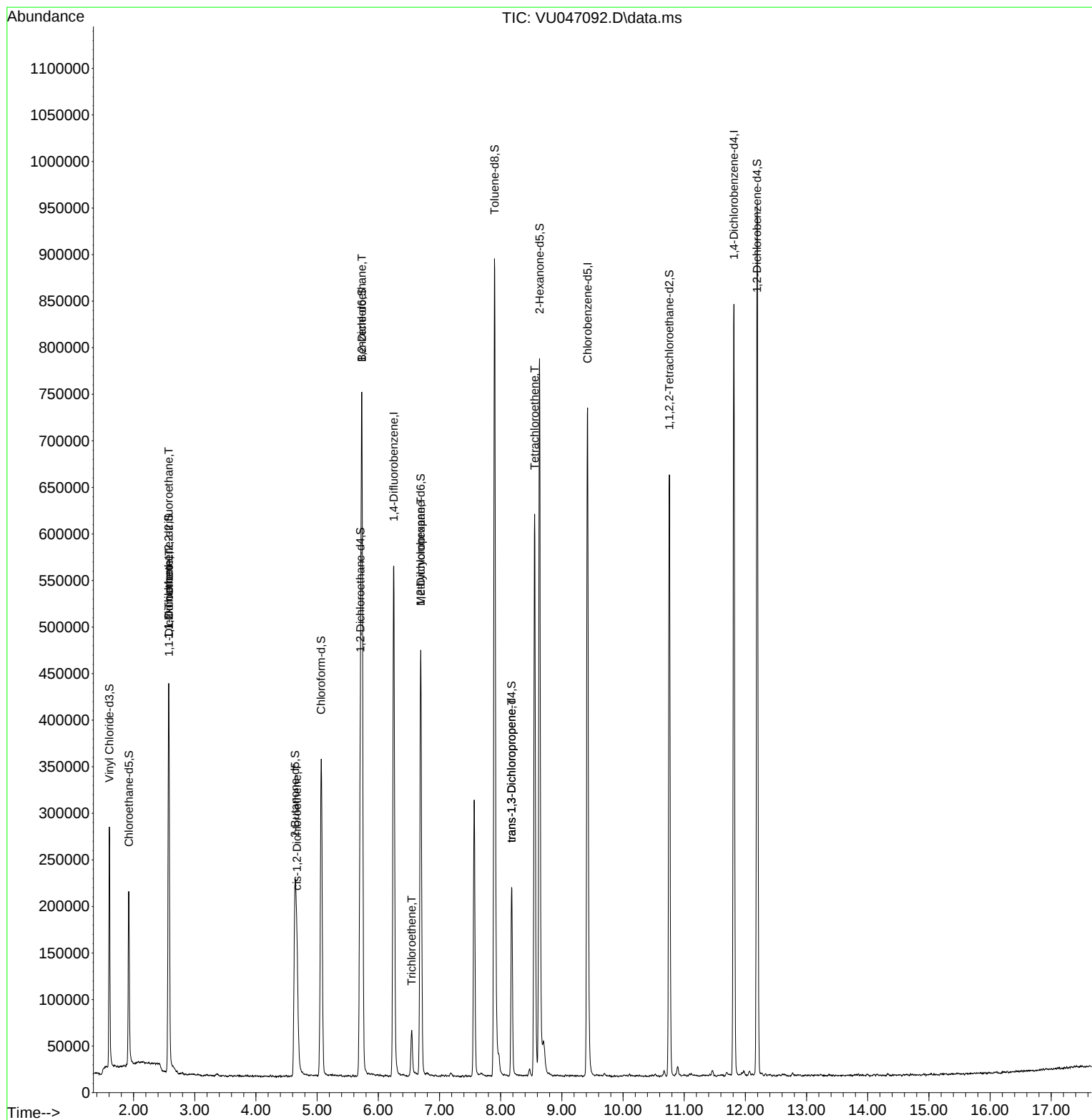
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	470811	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	438420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	224209	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	190114	44.461	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.920%		
7) Chloroethane-d5	1.922	69	148145	46.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.480%		
11) 1,1-Dichloroethene-d2	2.575	63	251552	35.500	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.000%		
21) 2-Butanone-d5	4.639	46	401542	121.084	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.080%		
24) Chloroform-d	5.067	84	315860	45.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.000%		
26) 1,2-Dichloroethane-d4	5.706	65	212255	47.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.280%		
32) Benzene-d6	5.732	84	688199	47.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.440%		
36) 1,2-Dichloropropane-d6	6.694	67	223709	47.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.660%		
41) Toluene-d8	7.899	98	650572	46.879	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
43) trans-1,3-Dichloroprop...	8.179	79	115904	46.791	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.580%		
47) 2-Hexanone-d5	8.636	63	296726	109.576	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.580%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	327557	47.525	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	251462	47.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2550	0.817	ug/L #	23
12) 1,1-Dichloroethene	2.578	96	1870	0.611	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	33967	9.547	ug/L	99
27) 1,2-Dichloroethane	5.732	62	3681	0.783	ug/L	98
34) Trichloroethene	6.546	95	15392	4.333	ug/L	95
35) Methylcyclohexane	6.694	83	50556	8.483	ug/L #	21
44) trans-1,3-Dichloropropene	8.179	75	5062	0.885	ug/L	85
46) Tetrachloroethene	8.555	164	144753	50.659	ug/L	97

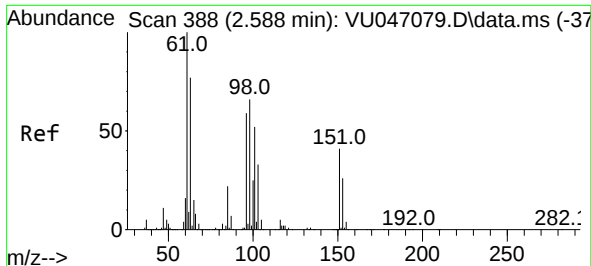
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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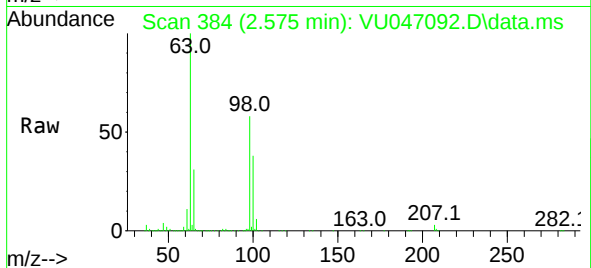
Quant Time: Feb 11 01:17:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
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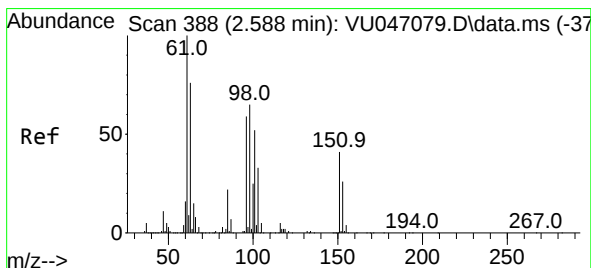
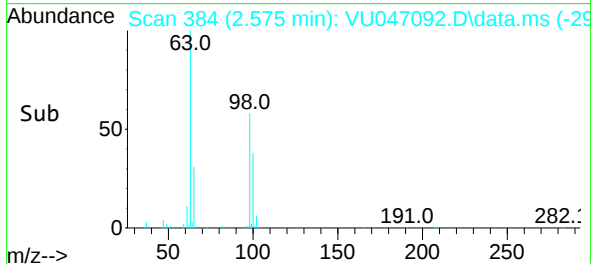
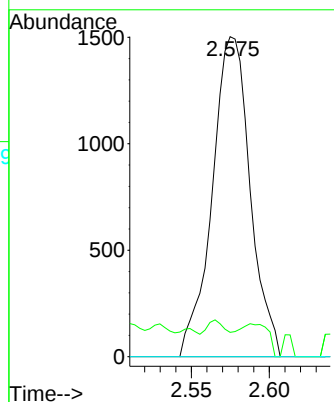


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.817 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU047092.D
 Acq: 10 Feb 2022 22:30

Instrument :
 MSVOA_U
 ClientSampleId :

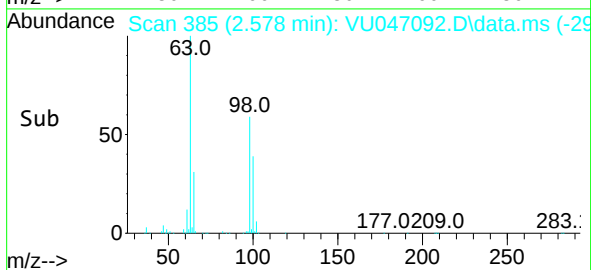
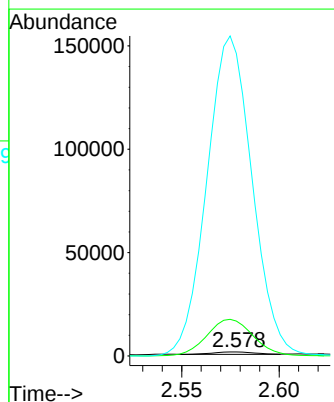
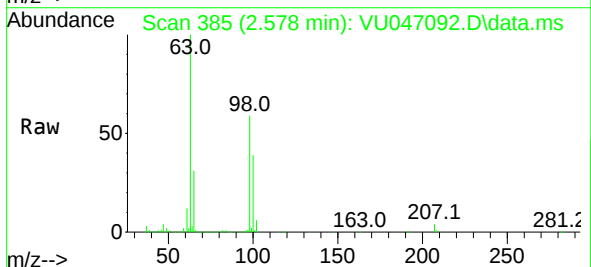


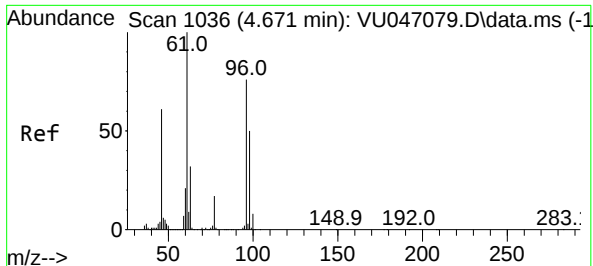
Tgt Ion:101 Resp: 2550
 Ion Ratio Lower Upper
 101 100
 85 5.2 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.611 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU047092.D
 Acq: 10 Feb 2022 22:30

Tgt Ion: 96 Resp: 1870
 Ion Ratio Lower Upper
 96 100
 61 854.7 114.9 213.3#
 63 7411.6 86.0 159.8#





#20

cis-1,2-Dichloroethene

Concen: 9.547 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047092.D

Acq: 10 Feb 2022 22:30

Instrument :

MSVOA_U

ClientSampleId :

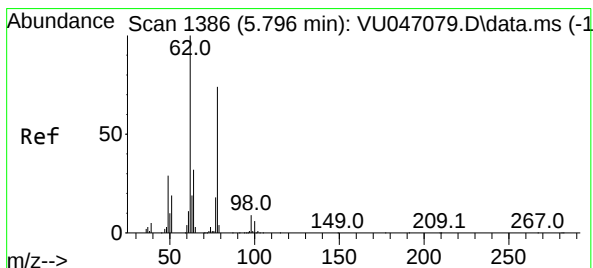
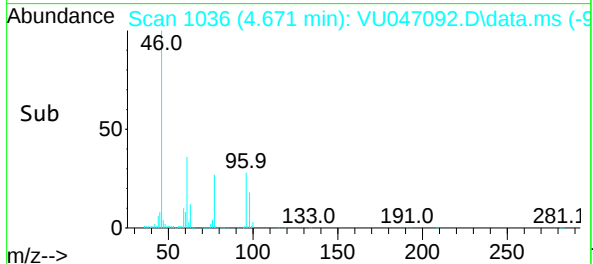
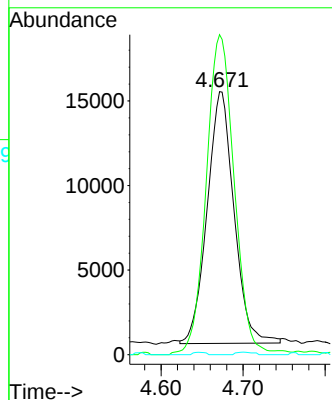
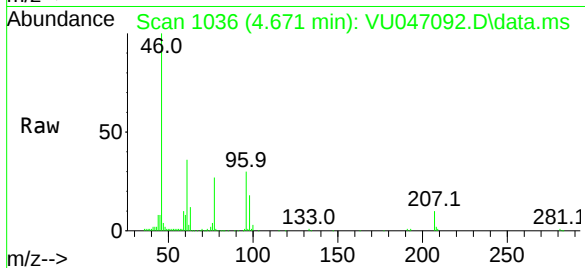
Tgt Ion: 96 Resp: 33967

Ion Ratio Lower Upper

96 100

61 121.6 86.0 159.6

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.783 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.064 min

Lab File: VU047092.D

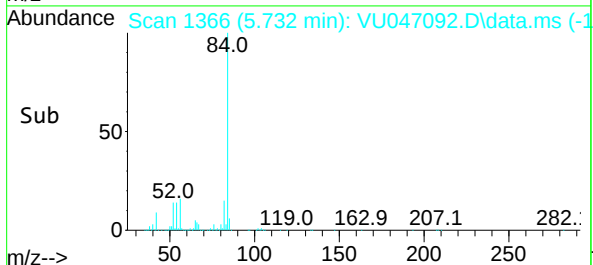
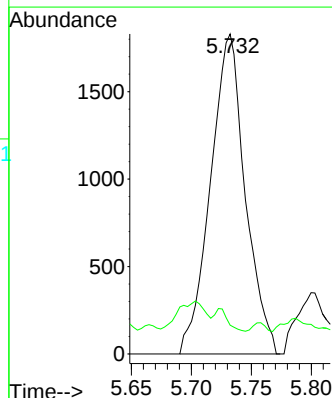
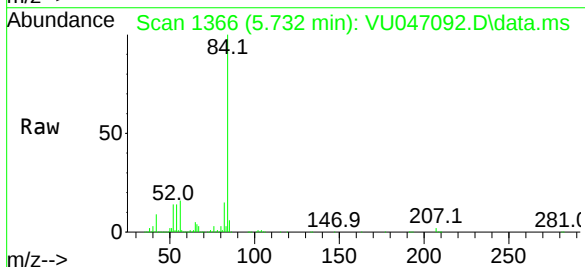
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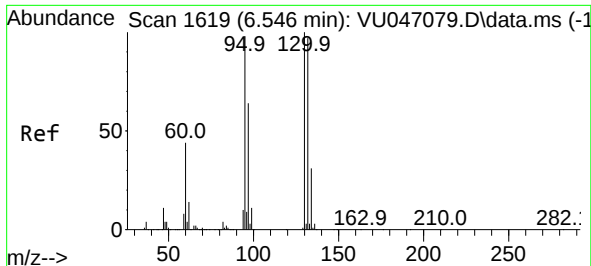
Tgt Ion: 62 Resp: 3681

Ion Ratio Lower Upper

62 100

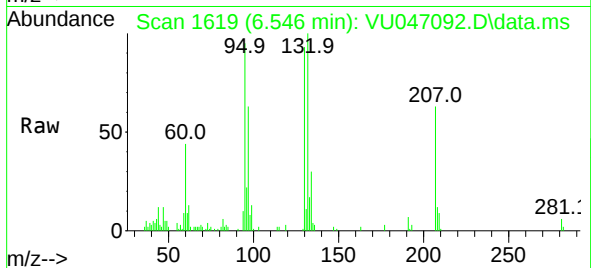
98 9.0 7.7 11.5





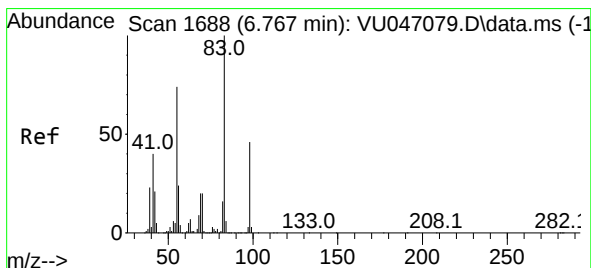
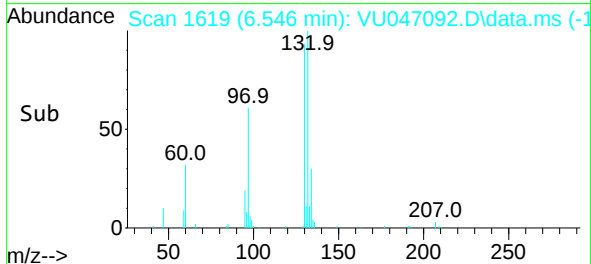
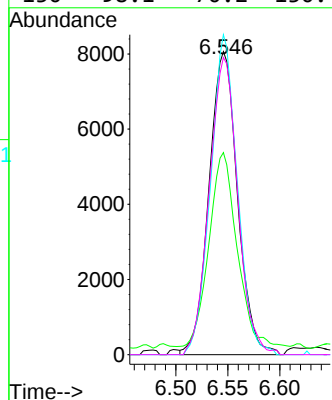
#34
 Trichloroethene
 Concen: 4.333 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU047092.D
 Acq: 10 Feb 2022 22:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 95 Resp: 15392

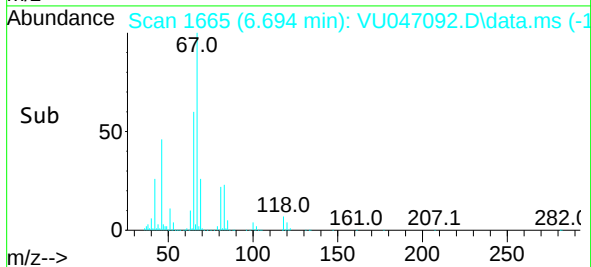
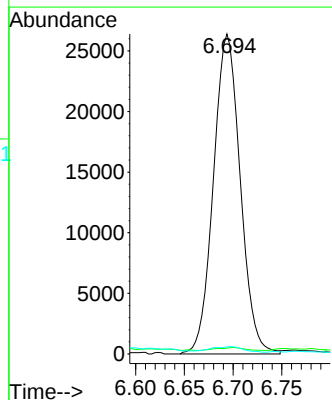
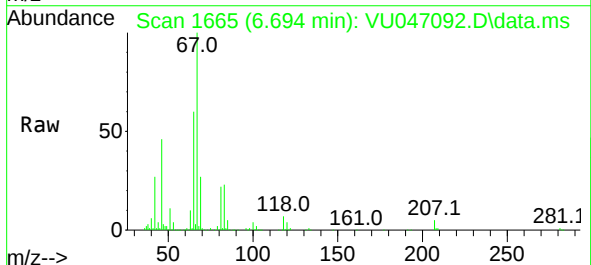
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.1	83.7
132	105.6	66.7	123.9
130	98.1	70.2	130.4

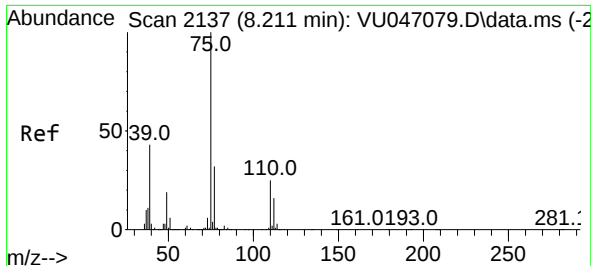


#35
 Methylcyclohexane
 Concen: 8.483 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU047092.D
 Acq: 10 Feb 2022 22:30

Tgt Ion: 83 Resp: 50556

Ion	Ratio	Lower	Upper
83	100		
55	0.6	56.6	85.0#
98	0.0	38.4	57.6#

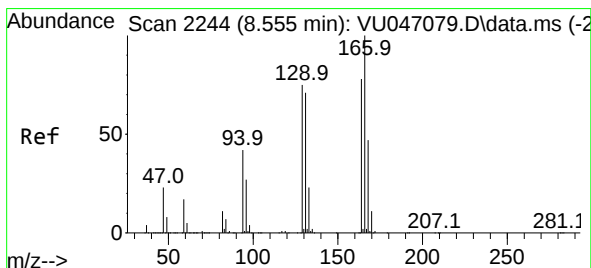
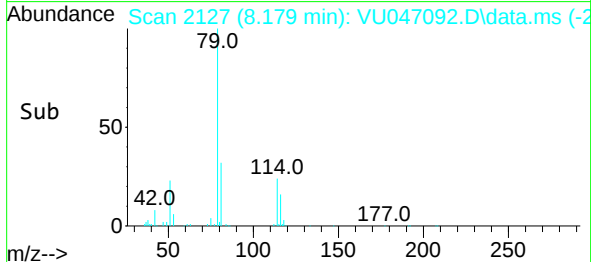
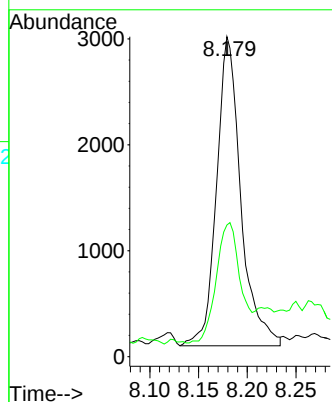
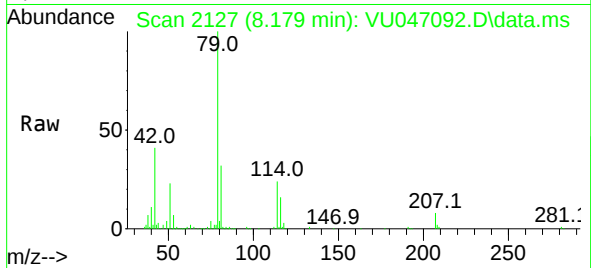




#44
trans-1,3-Dichloropropene
Concen: 0.885 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047092.D
Acq: 10 Feb 2022 22:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5062
Ion Ratio Lower Upper
75 100
77 41.1 23.0 42.8



#46
Tetrachloroethene
Concen: 50.659 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047092.D
Acq: 10 Feb 2022 22:30

Tgt Ion: 164 Resp: 144753
Ion Ratio Lower Upper
164 100
129 96.0 69.5 129.1
131 91.3 67.0 124.4
166 127.8 90.6 168.2

