

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046046.D
 Acq On : 02 Dec 2021 12:50
 Operator : SY/MD
 Sample : M4868-07
 Misc : 6.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

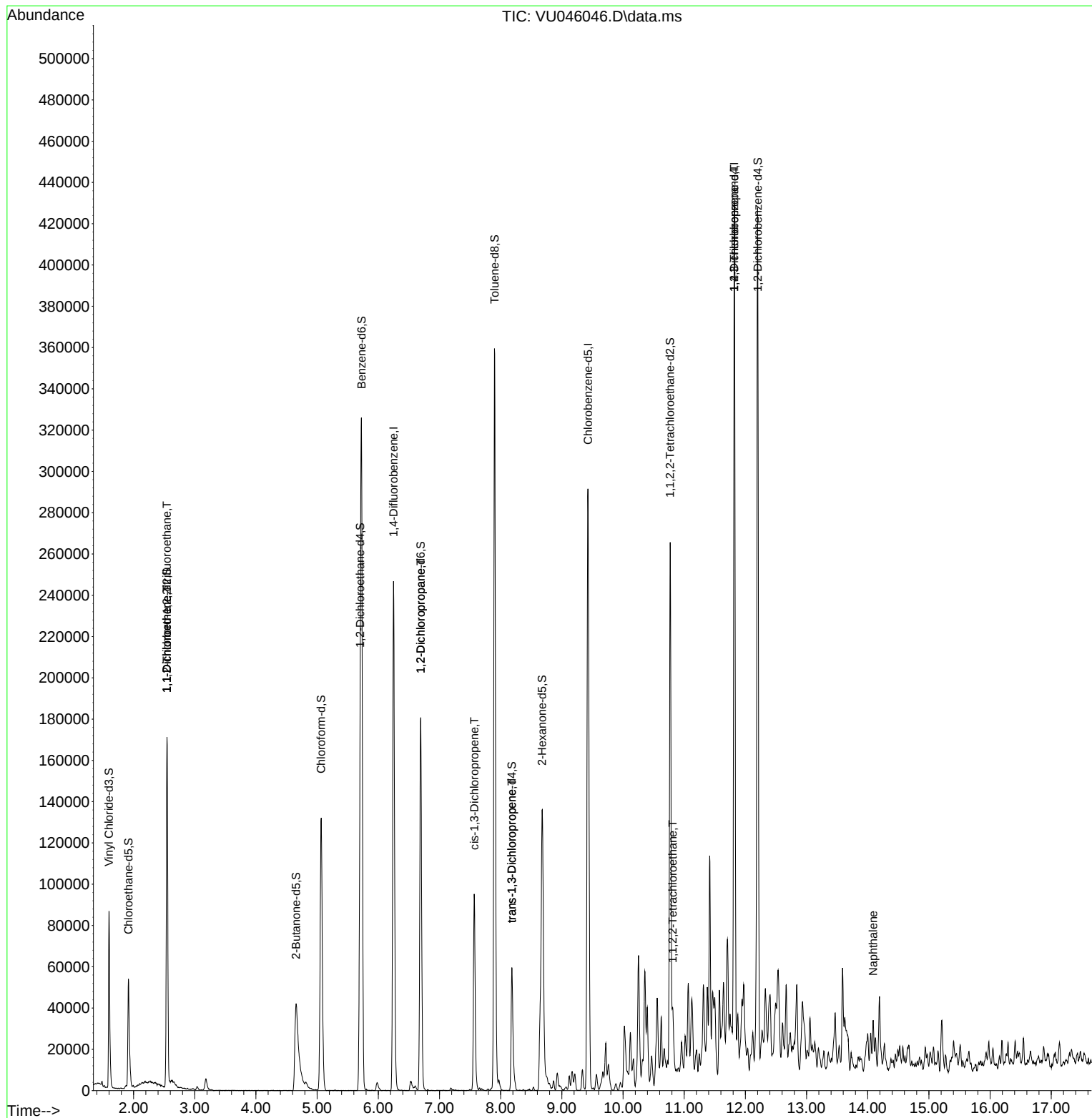
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	218776	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	214426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	106769	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73988	41.055	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.120%		
7) Chloroethane-d5	1.916	69	53412	38.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.200%		
11) 1,1-Dichloroethene-d2	2.546	63	103089	31.865	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.720%		
21) 2-Butanone-d5	4.655	46	122493	85.502	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.500%		
24) Chloroform-d	5.067	84	130256	43.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.560%		
26) 1,2-Dichloroethane-d4	5.703	65	93647	46.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.740%		
32) Benzene-d6	5.726	84	292114	47.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
36) 1,2-Dichloropropane-d6	6.694	67	92004	48.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.600%		
41) Toluene-d8	7.899	98	260540	46.560	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.120%		
43) trans-1,3-Dichloroprop...	8.182	79	44010	47.865	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.740%		
47) 2-Hexanone-d5	8.677	63	83546	92.512	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.510%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	126389	43.755	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.520%		
66) 1,2-Dichlorobenzene-d4	12.201	152	99926	48.598	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.200%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	801	0.503	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	662	0.438	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	9706	5.709	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2623	1.014	ug/L #	56
44) trans-1,3-Dichloropropene	8.182	75	1668	0.657	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.812	83	3662	1.252	ug/L #	46
60) 1,2,3-Trichloropropane	11.819	75	13304	5.684	ug/L #	63
71) Naphthalene	14.089	128	16005	2.156	ug/L	99

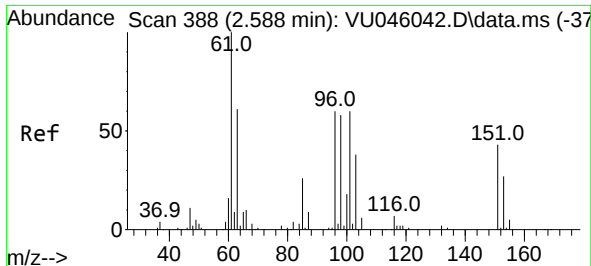
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Dec 03 05:09:55 2021
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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

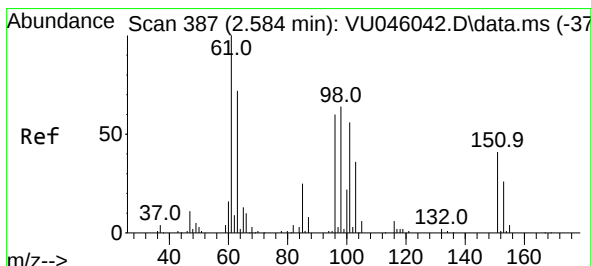
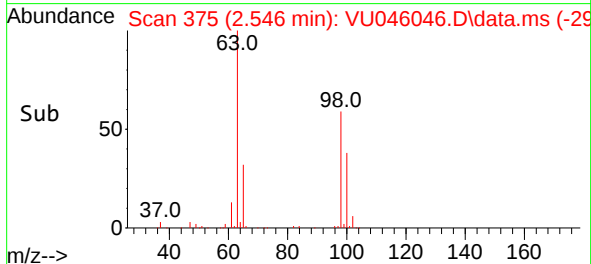
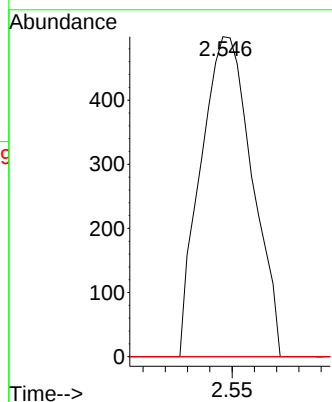
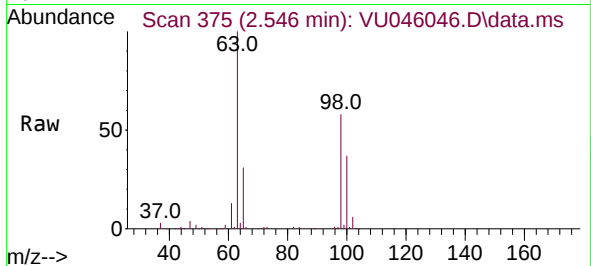




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.503 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.042 min
 Lab File: VU046046.D
 Acq: 02 Dec 2021 12:50

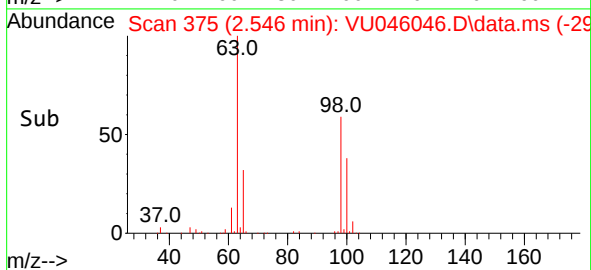
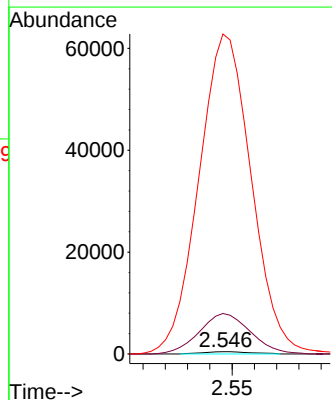
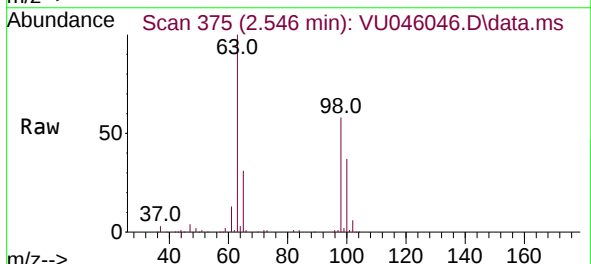
Instrument :
 MSVOA_U
 ClientSampleId :

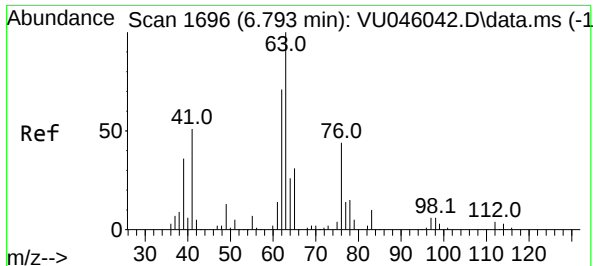
Tgt Ion:101 Resp: 801
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.438 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.039 min
 Lab File: VU046046.D
 Acq: 02 Dec 2021 12:50

Tgt Ion: 96 Resp: 662
 Ion Ratio Lower Upper
 96 100
 61 1764.9 118.6 220.2#
 63 13964.4 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 5.709 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046046.D

Acq: 02 Dec 2021 12:50

Instrument :

MSVOA_U

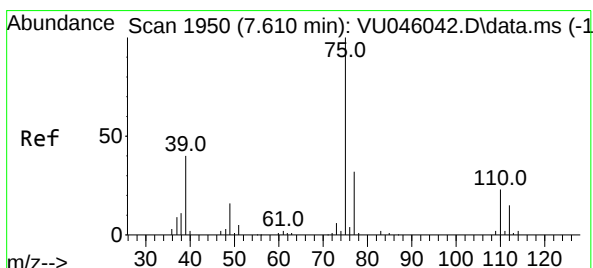
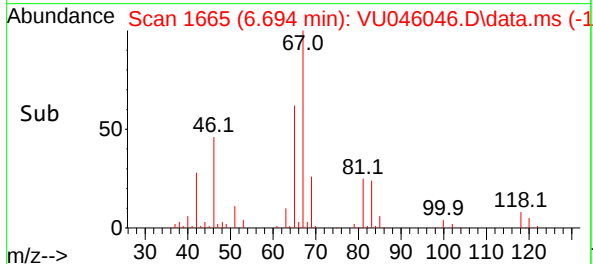
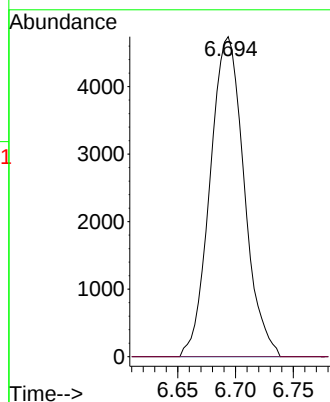
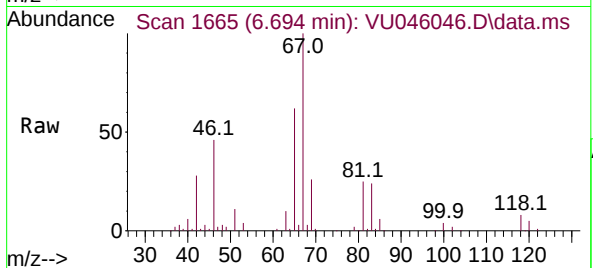
ClientSampleId :

Tgt Ion: 63 Resp: 9706

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.014 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046046.D

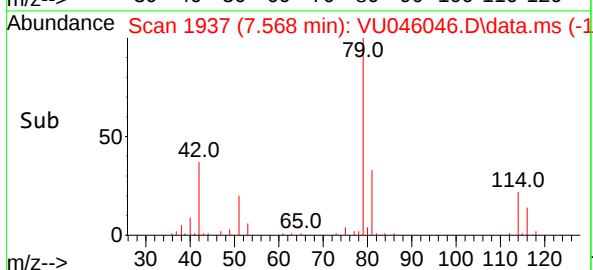
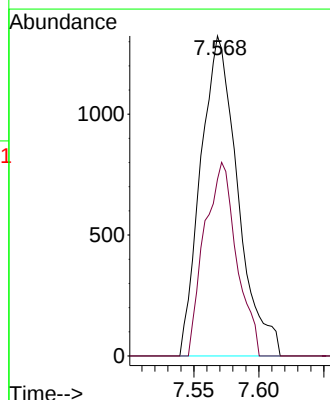
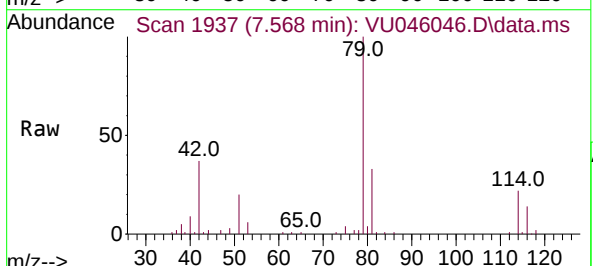
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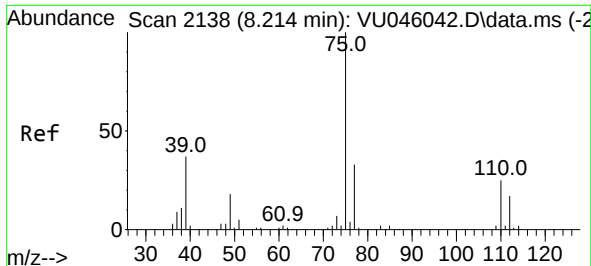
Tgt Ion: 75 Resp: 2623

Ion Ratio Lower Upper

75 100

77 55.2 21.8 40.6#

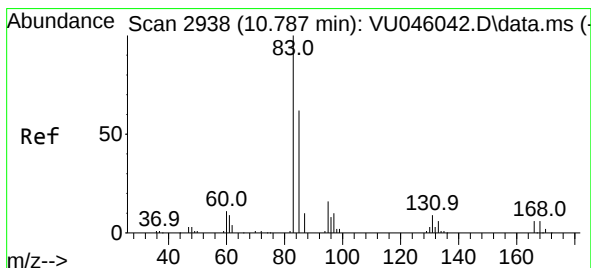
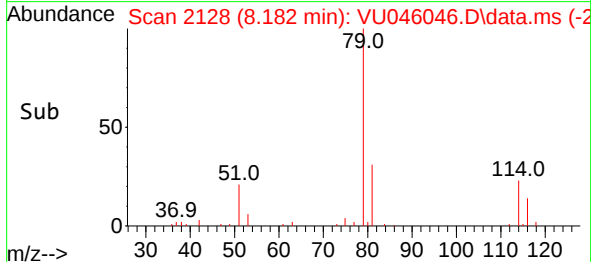
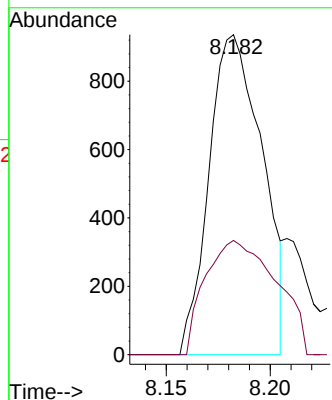
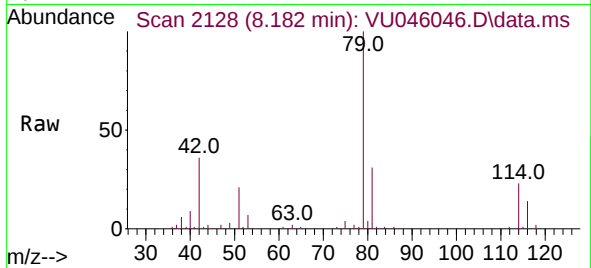




#44
trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046046.D
Acq: 02 Dec 2021 12:50

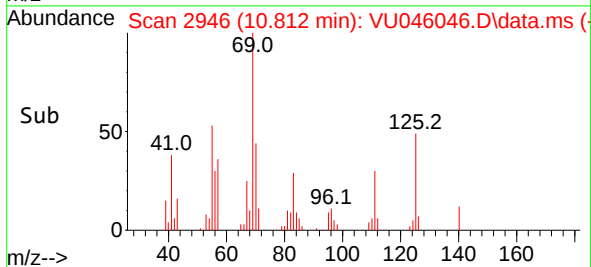
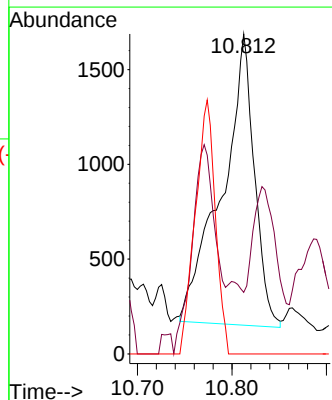
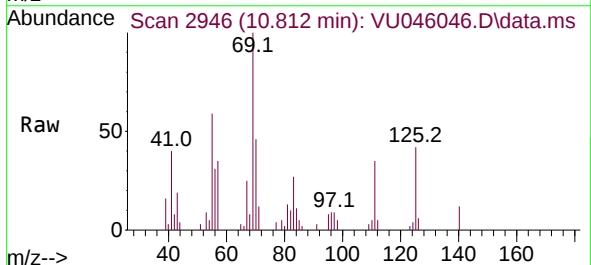
Instrument :
MSVOA_U
ClientSampleId :

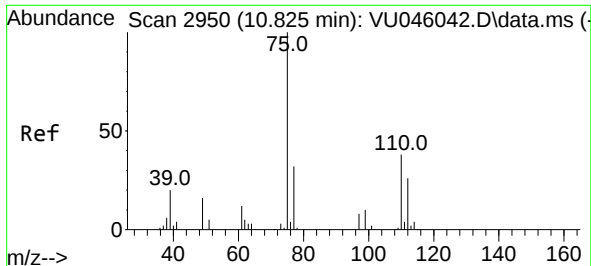
Tgt Ion: 75 Resp: 1668
Ion Ratio Lower Upper
75 100
77 35.7 21.7 40.3



#57
1,1,2,2-Tetrachloroethane
Concen: 1.252 ug/L
RT: 10.812 min Scan# 2946
Delta R.T. 0.026 min
Lab File: VU046046.D
Acq: 02 Dec 2021 12:50

Tgt Ion: 83 Resp: 3662
Ion Ratio Lower Upper
83 100
85 19.3 45.6 84.6#
131 0.0 7.8 11.6#

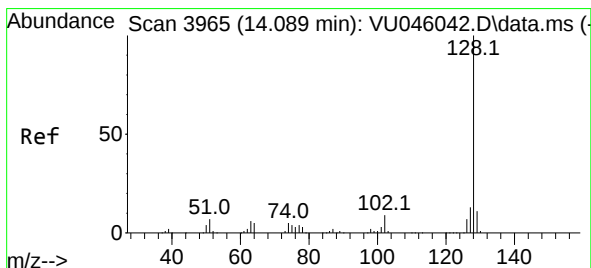
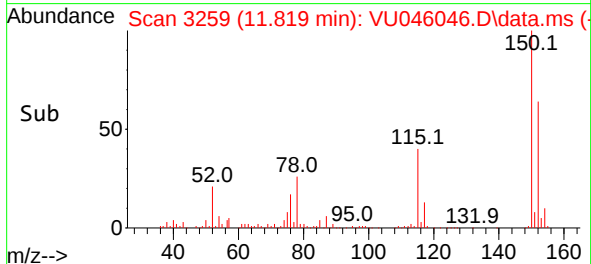
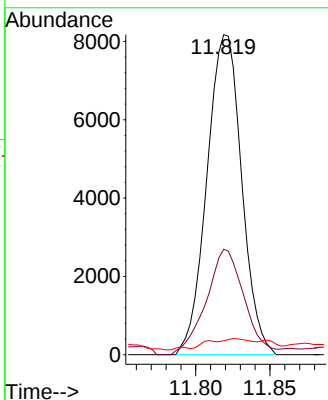
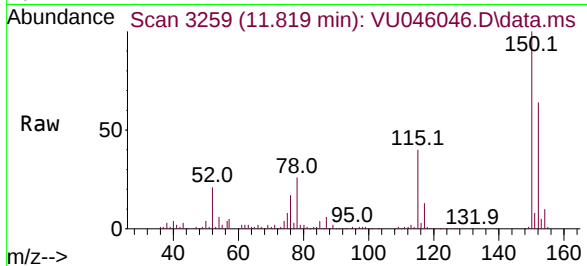




#60
1,2,3-Trichloropropane
Concen: 5.684 ug/L
RT: 11.819 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU046046.D
Acq: 02 Dec 2021 12:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13304
Ion Ratio Lower Upper
75 100
77 35.9 26.4 39.6
110 1.3 32.4 48.6#



#71
Naphthalene
Concen: 2.156 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046046.D
Acq: 02 Dec 2021 12:50

Tgt Ion:128 Resp: 16005
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.1 8.6 13.0

