

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046247.D
 Acq On : 10 Dec 2021 01:47
 Operator : SY/MD
 Sample : M4982-12
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:55 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)

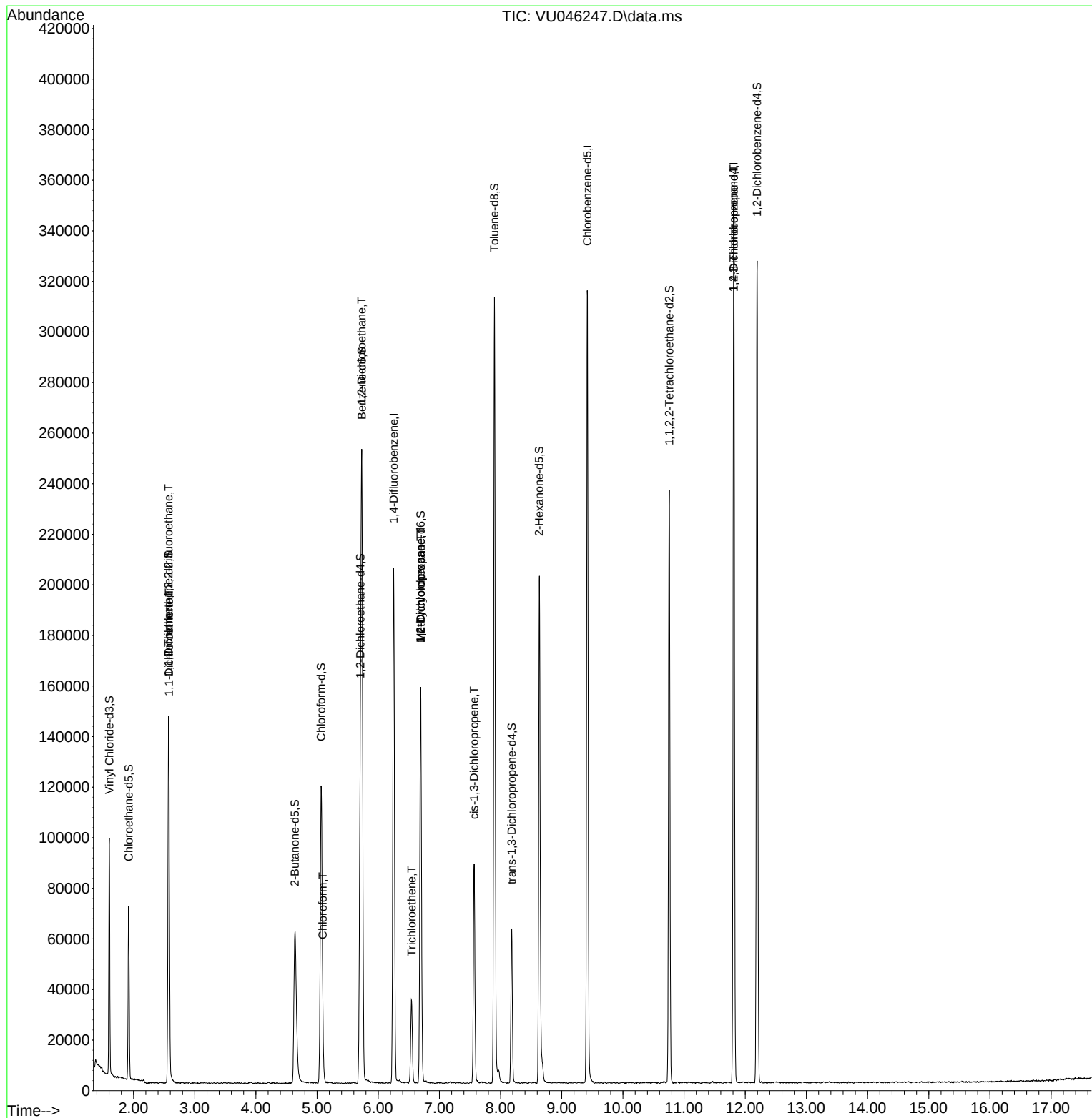
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	169629	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	180567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91979	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	65627	46.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.940%		
7) Chloroethane-d5	1.919	69	50185	46.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.560%		
11) 1,1-Dichloroethene-d2	2.572	63	86545	34.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.000%		
21) 2-Butanone-d5	4.639	46	105385	94.873	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.870%		
24) Chloroform-d	5.067	84	109260	46.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.640%		
26) 1,2-Dichloroethane-d4	5.706	65	77671	49.598	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.200%		
32) Benzene-d6	5.732	84	238562	46.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.200%		
36) 1,2-Dichloropropane-d6	6.694	67	74196	46.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.520%		
41) Toluene-d8	7.899	98	209956	44.556	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.120%		
43) trans-1,3-Dichloroprop...	8.182	79	35845	46.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.600%		
47) 2-Hexanone-d5	8.632	63	73416	96.538	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.540%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	115304	47.403	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	85006	47.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	799	0.647	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1217	1.038	ug/L #	1
25) Chloroform	5.092	83	10617	4.234	ug/L	92
27) 1,2-Dichloroethane	5.729	62	1140	0.613	ug/L #	73
34) Trichloroethene	6.546	95	10369	7.202	ug/L	95
35) Methylcyclohexane	6.694	83	18633	8.347	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8192	5.722	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2063	0.947	ug/L #	75
60) 1,2,3-Trichloropropane	11.812	75	10587	5.251	ug/L #	63

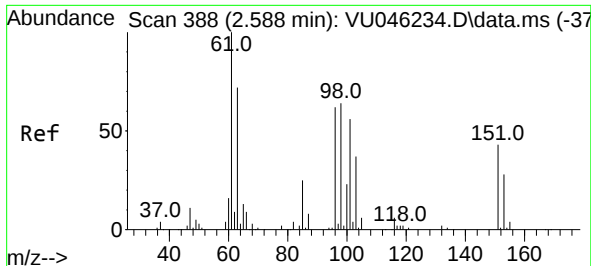
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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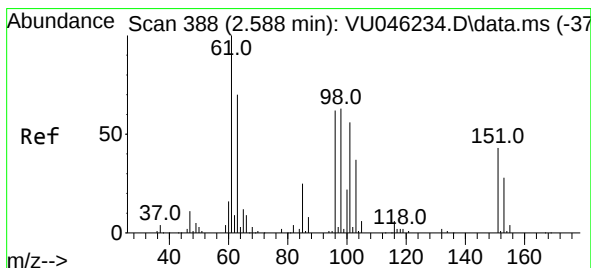
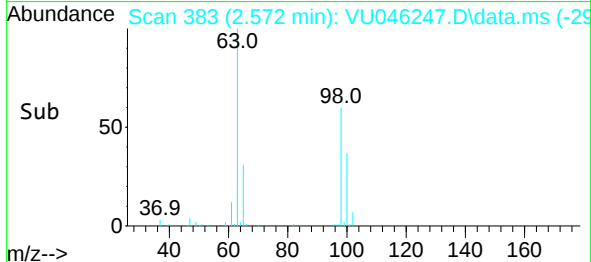
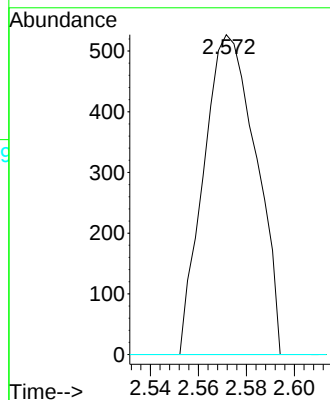
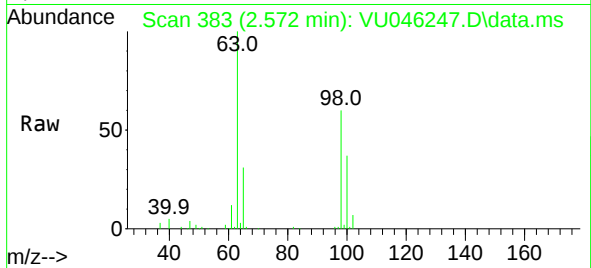




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.647 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046247.D
 Acq: 10 Dec 2021 01:47

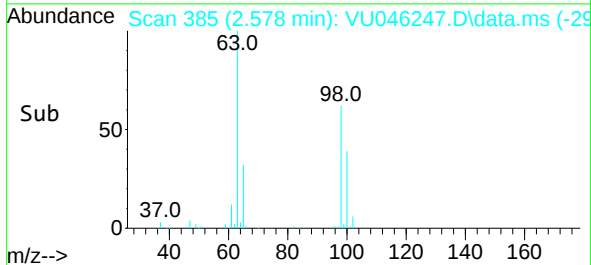
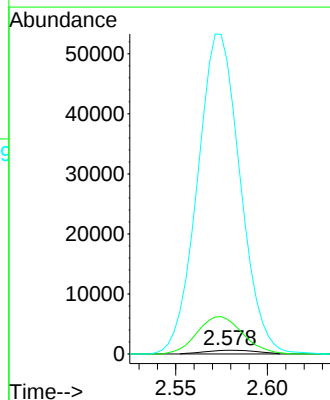
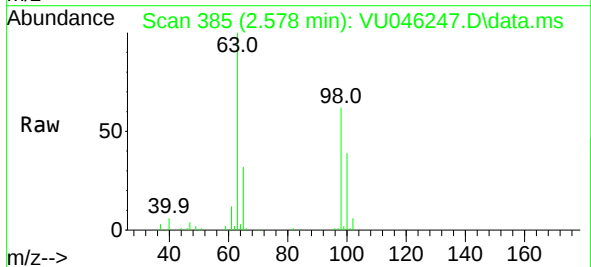
Instrument :
 MSVOA_U
 ClientSampleId :

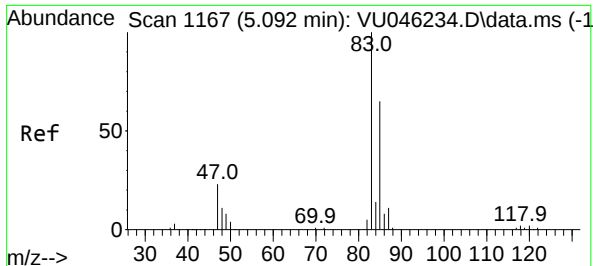
Tgt Ion:101 Resp: 799
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 1.038 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: VU046247.D
 Acq: 10 Dec 2021 01:47

Tgt Ion: 96 Resp: 1217
 Ion Ratio Lower Upper
 96 100
 61 949.8 118.6 220.2#
 63 7964.8 93.0 172.8#





#25

Chloroform

Concen: 4.234 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046247.D

Acq: 10 Dec 2021 01:47

Instrument :

MSVOA_U

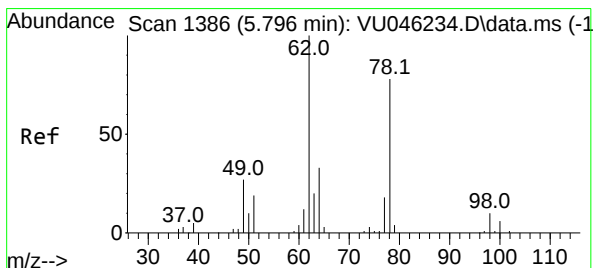
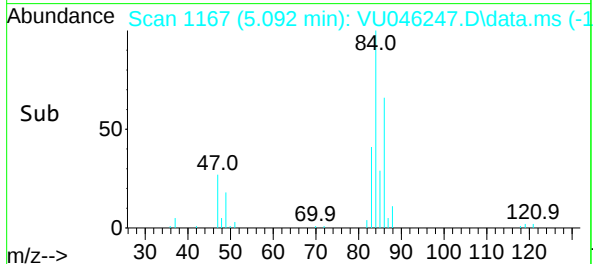
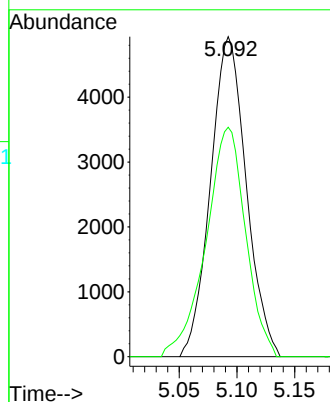
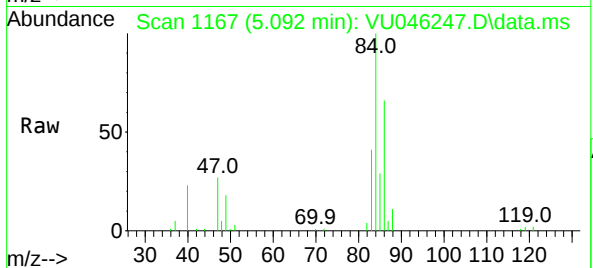
ClientSampleId :

Tgt Ion: 83 Resp: 10617

Ion Ratio Lower Upper

83 100

85 71.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.613 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU046247.D

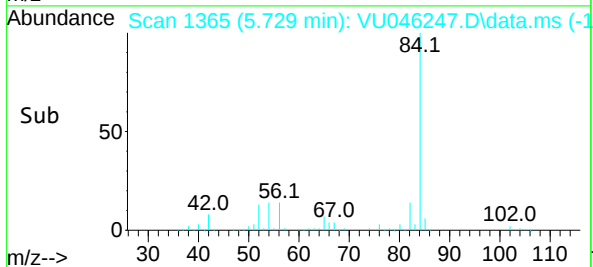
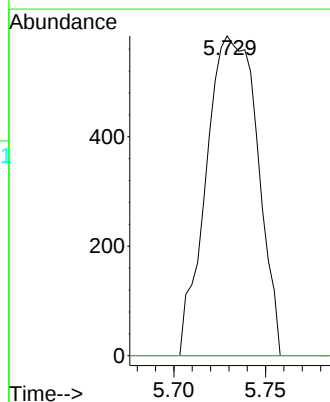
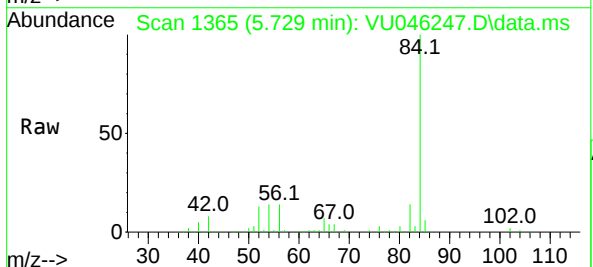
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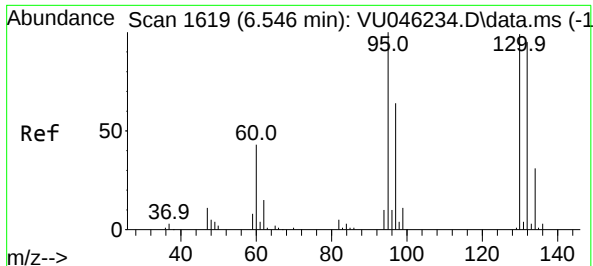
Tgt Ion: 62 Resp: 1140

Ion Ratio Lower Upper

62 100

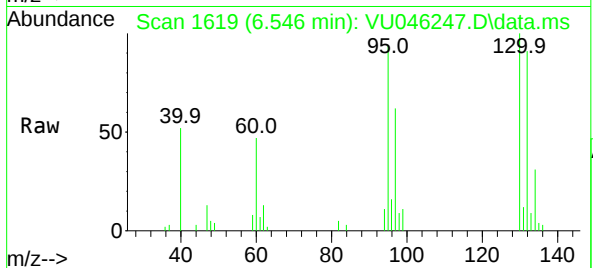
98 0.0 7.9 11.9#



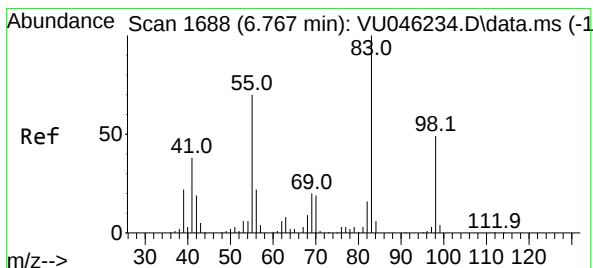
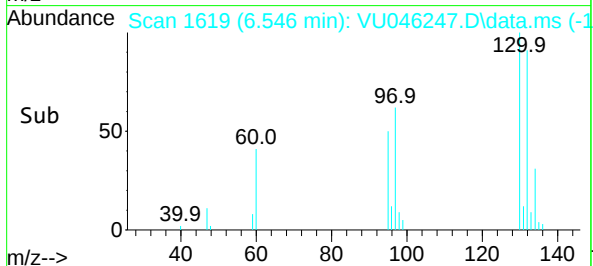
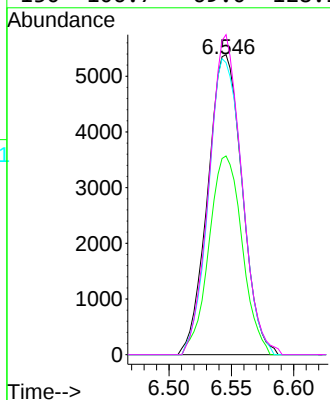


#34
Trichloroethene
Concen: 7.202 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046247.D
Acq: 10 Dec 2021 01:47

Instrument :
MSVOA_U
ClientSampleId :

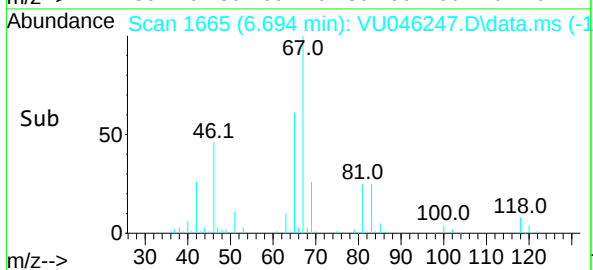
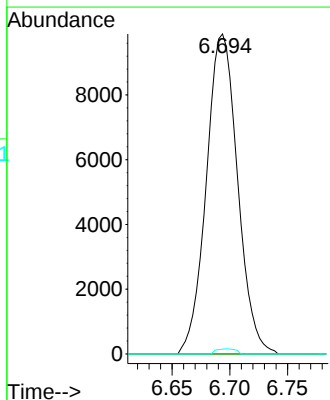
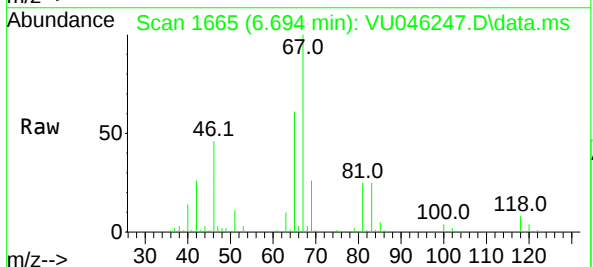


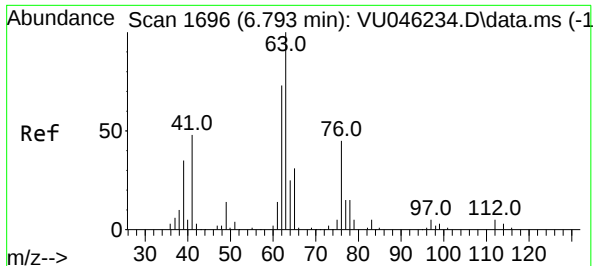
Tgt Ion:	95	Resp:	10369
Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.1	81.9
132	97.3	66.8	124.0
130	106.7	69.0	128.1



#35
Methylcyclohexane
Concen: 8.347 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046247.D
Acq: 10 Dec 2021 01:47

Tgt Ion:	83	Resp:	18633
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	1.0	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 5.722 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046247.D

Acq: 10 Dec 2021 01:47

Instrument :

MSVOA_U

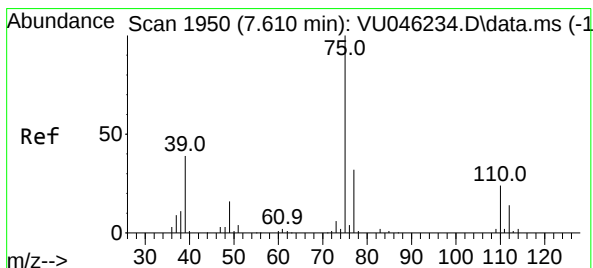
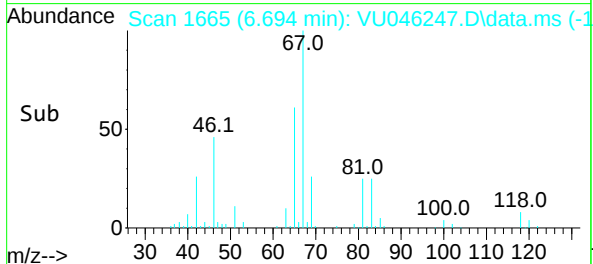
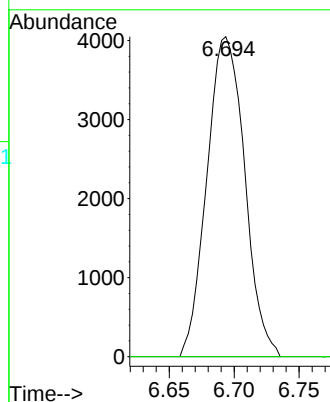
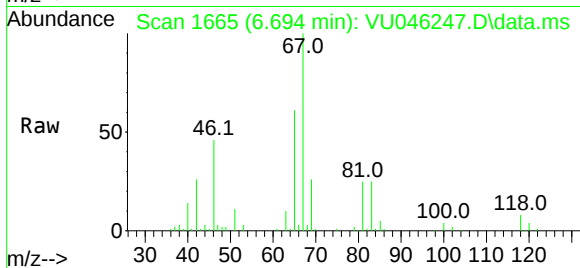
ClientSampleId :

Tgt Ion: 63 Resp: 8192

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.947 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046247.D

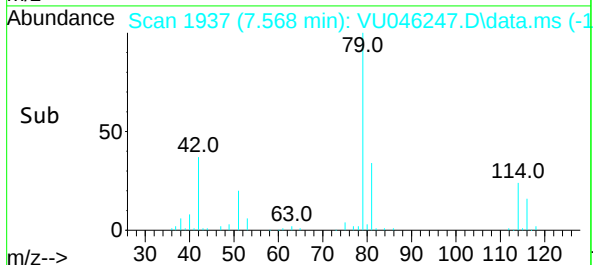
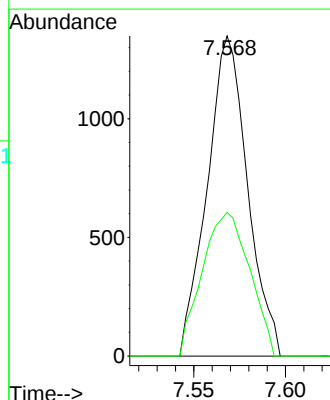
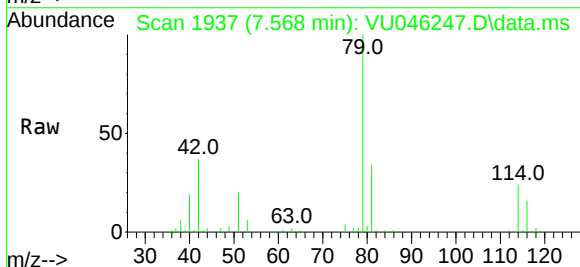
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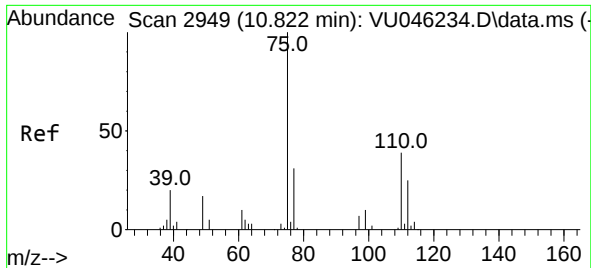
Tgt Ion: 75 Resp: 2063

Ion Ratio Lower Upper

75 100

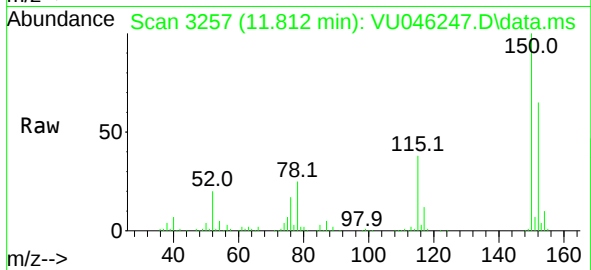
77 44.8 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.251 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046247.D
 Acq: 10 Dec 2021 01:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.2	26.4	39.6
110	2.1	32.4	48.6#

