

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046426.D
 Acq On : 16 Dec 2021 17:09
 Operator : SY/MD
 Sample : M5037-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:53:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

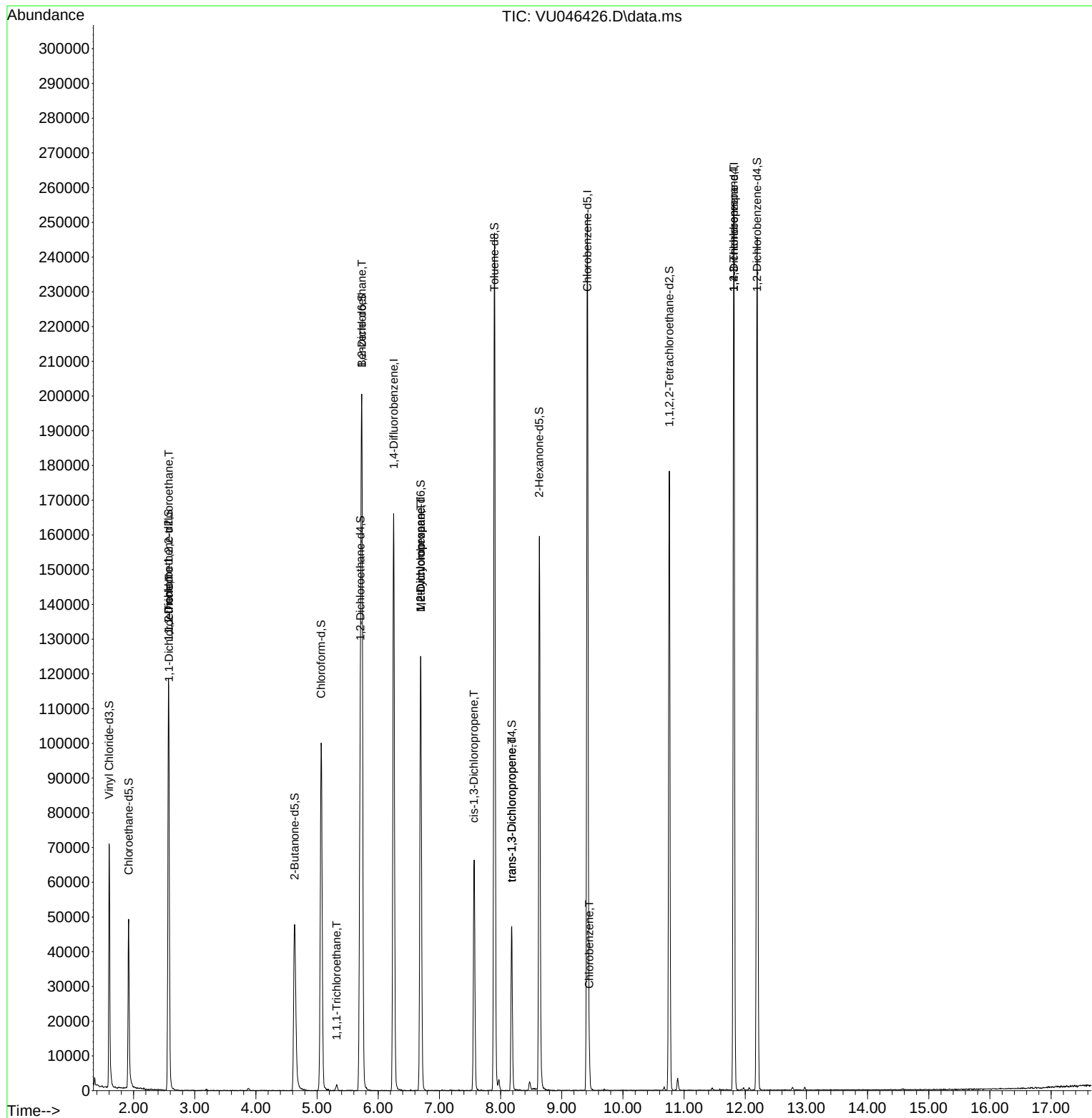
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	131960	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	137523	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	66677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	56045	51.558	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	103.120%	
7) Chloroethane-d5	1.919	69	40009	47.938	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.880%	
11) 1,1-Dichloroethene-d2	2.572	63	72301	37.051	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.100%	
21) 2-Butanone-d5	4.633	46	74464	86.172	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.170%	
24) Chloroform-d	5.067	84	94924	52.292	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.580%	
26) 1,2-Dichloroethane-d4	5.707	65	63505	52.128	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.260%	
32) Benzene-d6	5.732	84	188020	47.701	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.694	67	58606	47.975	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.960%	
41) Toluene-d8	7.899	98	159563	44.461	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.920%	
43) trans-1,3-Dichloroprop...	8.182	79	27162	46.061	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.120%	
47) 2-Hexanone-d5	8.632	63	56464	97.486	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	97.490%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85236	46.009	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.020%	
66) 1,2-Dichlorobenzene-d4	12.195	152	62207	48.445	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.880%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	606	0.631	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	825	0.904	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	907	0.627	ug/L #	73
30) 1,1,1-Trichloroethane	5.317	97	1484	0.879	ug/L	96
35) Methylcyclohexane	6.694	83	14578	8.574	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6659	6.107	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1639	0.988	ug/L #	63
44) trans-1,3-Dichloropropene	8.182	75	1149	0.705	ug/L #	62
51) Chlorobenzene	9.449	112	4689	1.623	ug/L	94
60) 1,2,3-Trichloropropane	11.812	75	8065	5.518	ug/L #	65

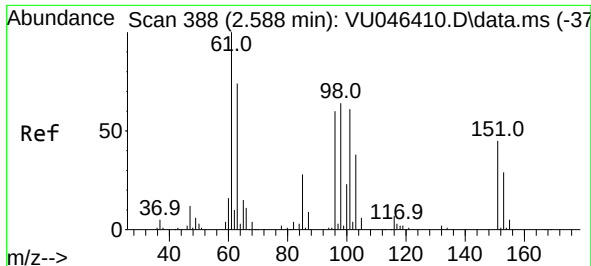
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 17 01:49:40 2021
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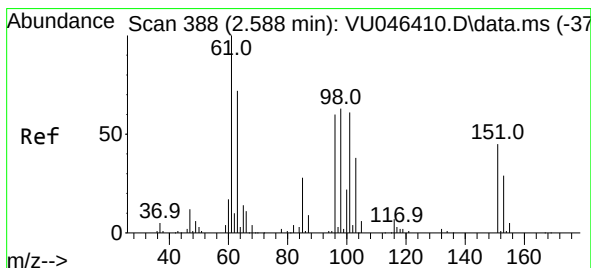
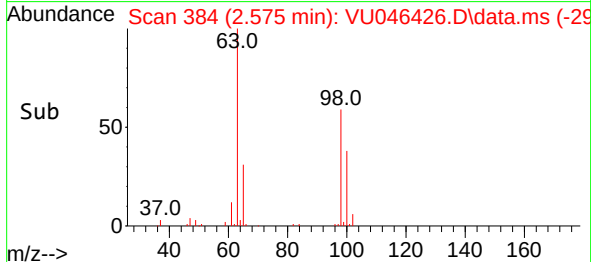
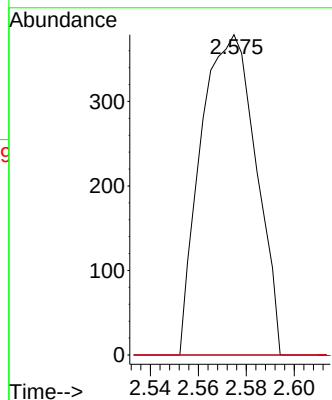
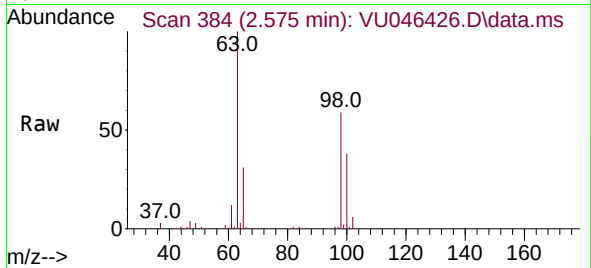




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.631 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046426.D
 Acq: 16 Dec 2021 17:09

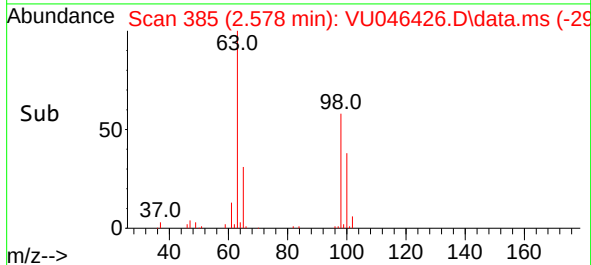
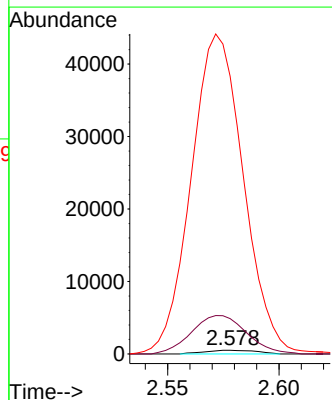
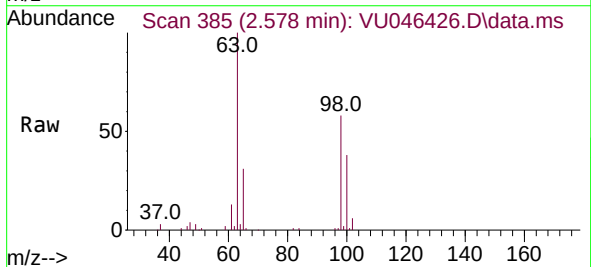
Instrument :
 MSVOA_U
 ClientSampleId :

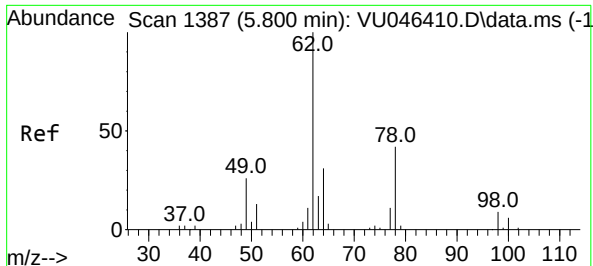
Tgt Ion:101 Resp: 606
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.904 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046426.D
 Acq: 16 Dec 2021 17:09

Tgt Ion: 96 Resp: 825
 Ion Ratio Lower Upper
 96 100
 61 968.4 118.6 220.2#
 63 7618.3 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.627 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU046426.D

Acq: 16 Dec 2021 17:09

Instrument :

MSVOA_U

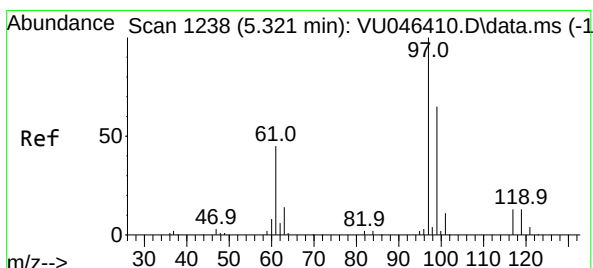
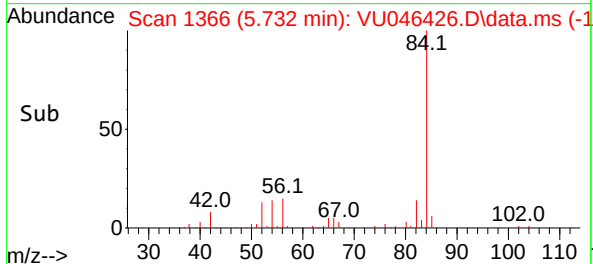
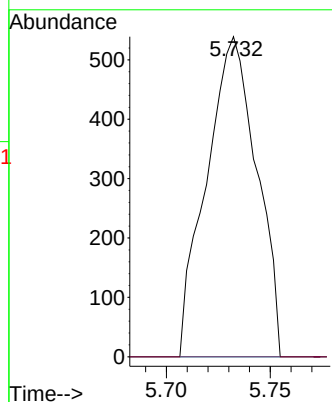
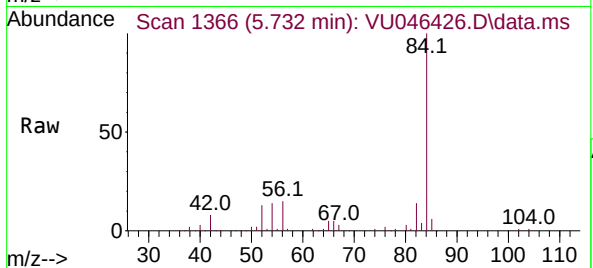
ClientSampleId :

Tgt Ion: 62 Resp: 907

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#30

1,1,1-Trichloroethane

Concen: 0.879 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU046426.D

Acq: 16 Dec 2021 17:09

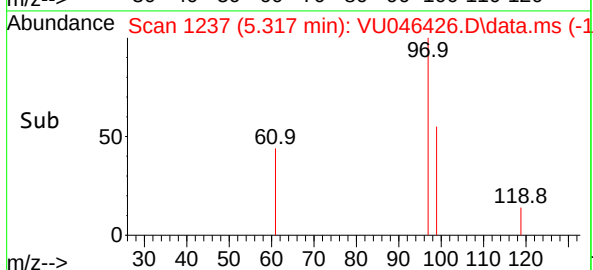
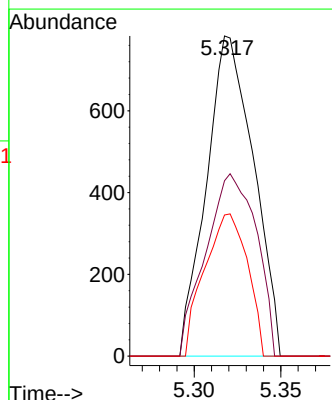
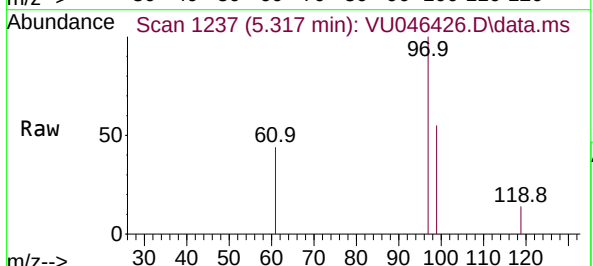
Tgt Ion: 97 Resp: 1484

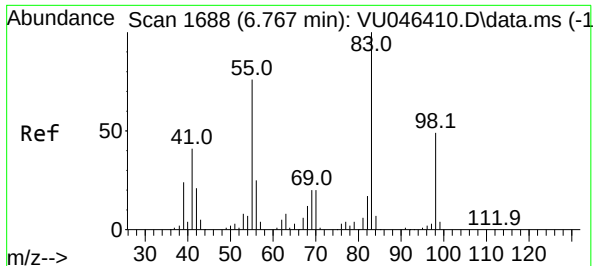
Ion Ratio Lower Upper

97 100

99 61.2 51.8 77.6

61 40.4 34.4 51.6

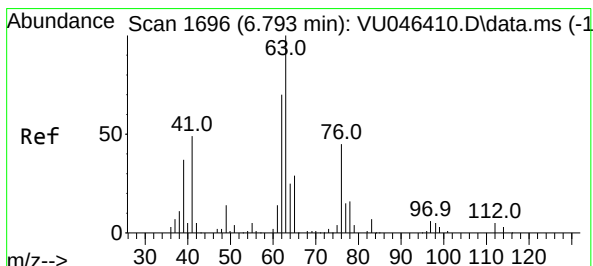
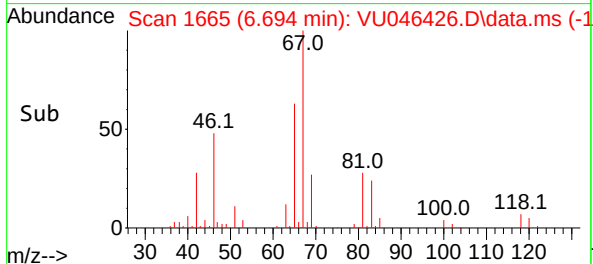
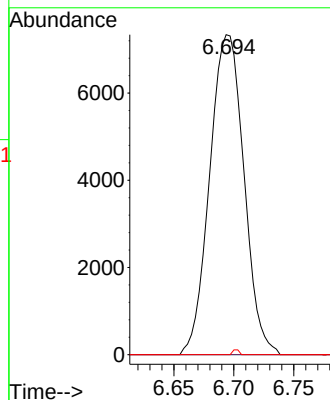
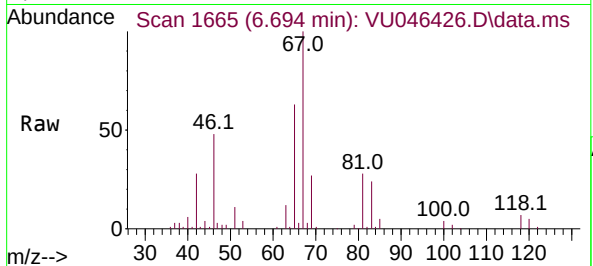




#35
Methylcyclohexane
Concen: 8.574 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046426.D
Acq: 16 Dec 2021 17:09

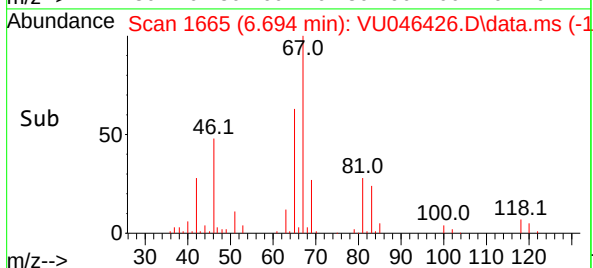
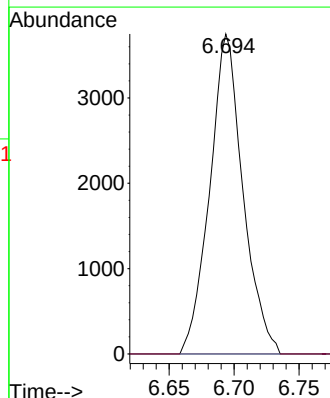
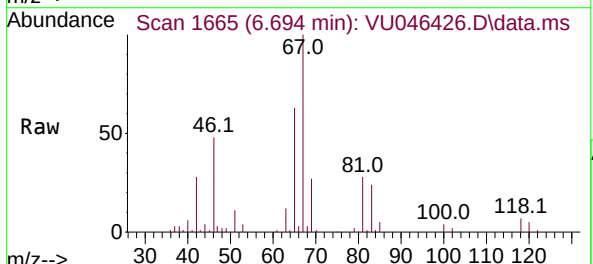
Instrument :
MSVOA_U
ClientSampleId :

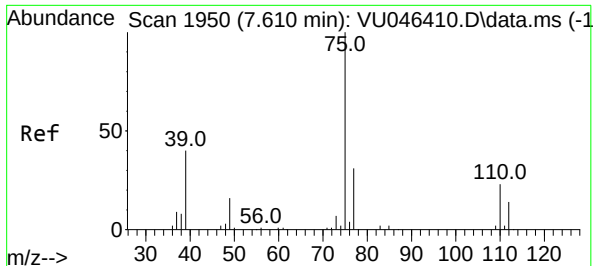
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.3	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 6.107 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046426.D
Acq: 16 Dec 2021 17:09

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.988 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046426.D

Acq: 16 Dec 2021 17:09

Instrument :

MSVOA_U

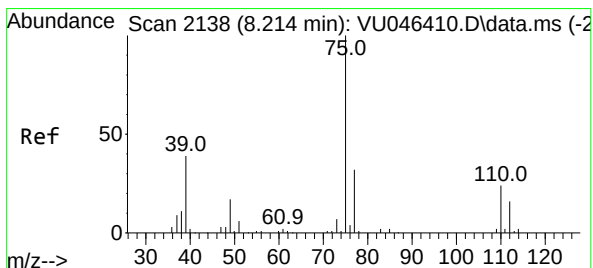
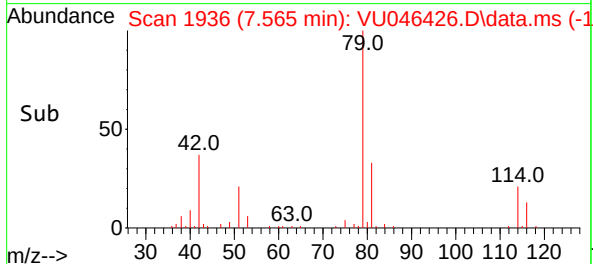
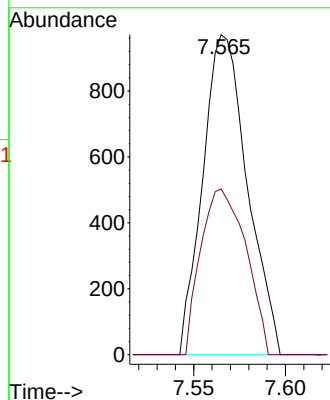
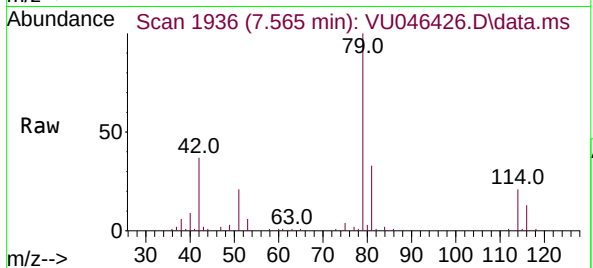
ClientSampleId :

Tgt Ion: 75 Resp: 1639

Ion Ratio Lower Upper

75 100

77 51.8 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046426.D

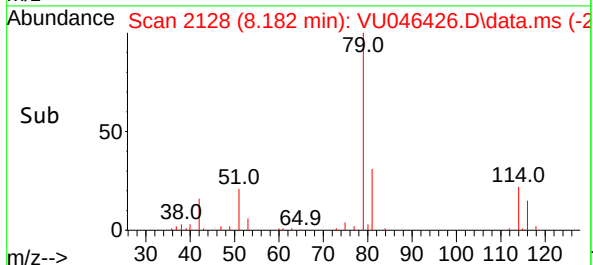
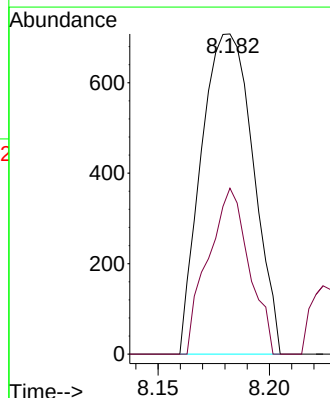
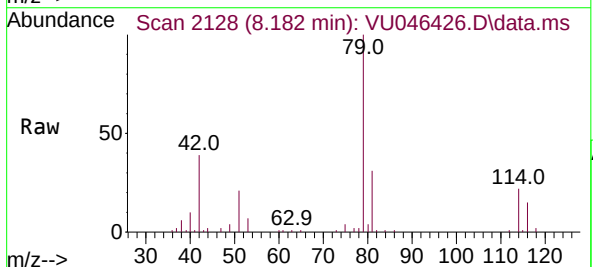
Acq: 16 Dec 2021 17:09

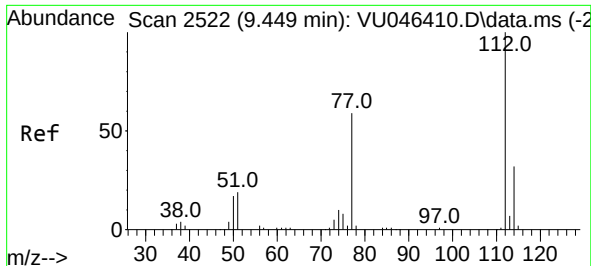
Tgt Ion: 75 Resp: 1149

Ion Ratio Lower Upper

75 100

77 51.8 21.7 40.3#

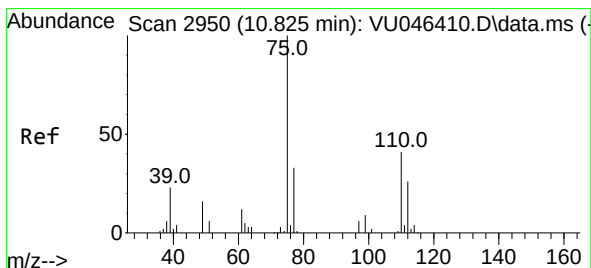
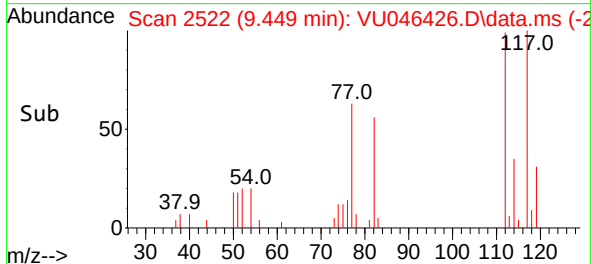
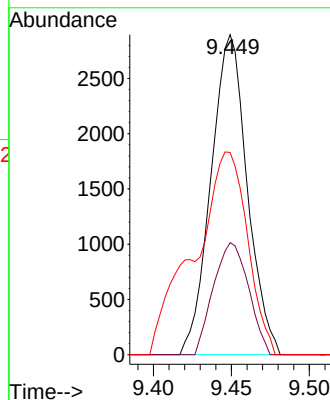
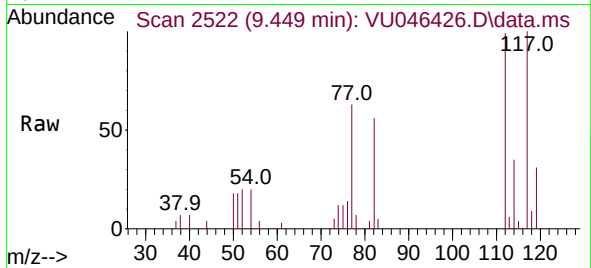




#51
Chlorobenzene
Concen: 1.623 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046426.D
Acq: 16 Dec 2021 17:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 4689
Ion Ratio Lower Upper
112 100
114 35.0 22.2 41.2
77 63.2 47.4 71.0



#60
1,2,3-Trichloropropane
Concen: 5.518 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046426.D
Acq: 16 Dec 2021 17:09

Tgt Ion: 75 Resp: 8065
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 1.4 32.4 48.6#

