

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046443.D
 Acq On : 17 Dec 2021 00:25
 Operator : SY/MD
 Sample : M5101-07ME 20X
 Misc : 6.38g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:06:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

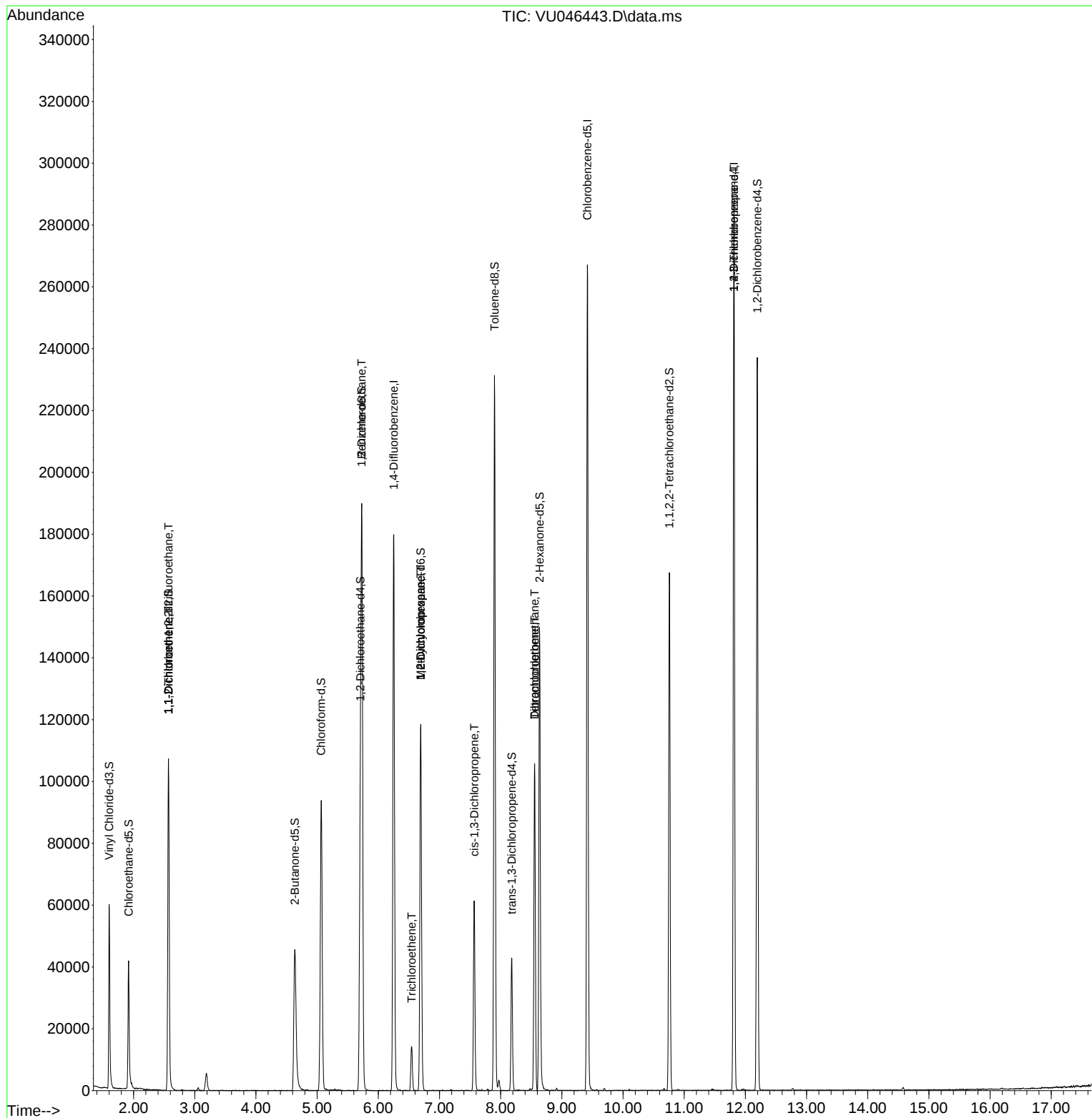
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142112	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	145528	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72499	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47953	40.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.920%		
7) Chloroethane-d5	1.919	69	34030	37.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.720%		
11) 1,1-Dichloroethene-d2	2.572	63	64533	30.708	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.420%		
21) 2-Butanone-d5	4.636	46	71281	76.596	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.600%		
24) Chloroform-d	5.067	84	87796	44.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.820%		
26) 1,2-Dichloroethane-d4	5.707	65	59882	45.643	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
32) Benzene-d6	5.729	84	175616	42.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	6.694	67	55017	42.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.120%		
41) Toluene-d8	7.899	98	149921	39.476	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.960%#		
43) trans-1,3-Dichloroprop...	8.182	79	24505	39.269	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.540%		
47) 2-Hexanone-d5	8.636	63	54157	88.360	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.360%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	80241	40.931	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.860%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60253	43.155	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.300%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	469	0.454	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	522	0.531	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	941	0.604	ug/L #	73
34) Trichloroethene	6.546	95	5014	4.321	ug/L	94
35) Methylcyclohexane	6.694	83	13698	7.613	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6170	5.347	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1522	0.867	ug/L #	77
46) Tetrachloroethene	8.555	164	22159	25.986	ug/L	99
49) Dibromochloromethane	8.555	129	22440	18.460	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	8753	5.508	ug/L #	65

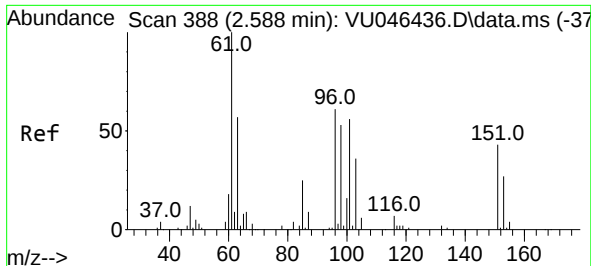
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 03:50:47 2021
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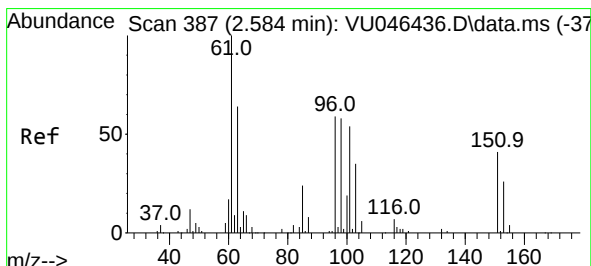
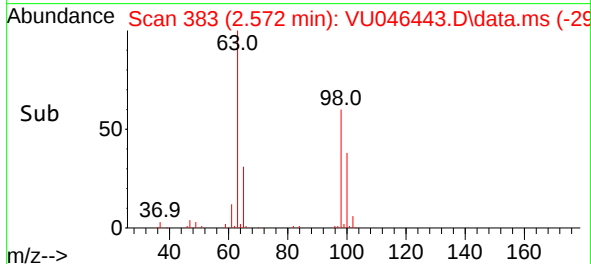
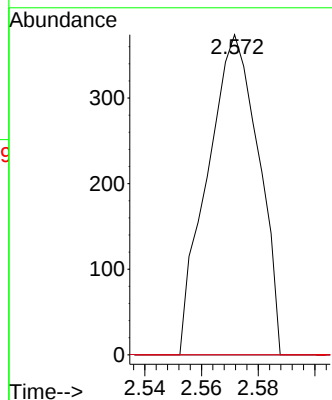
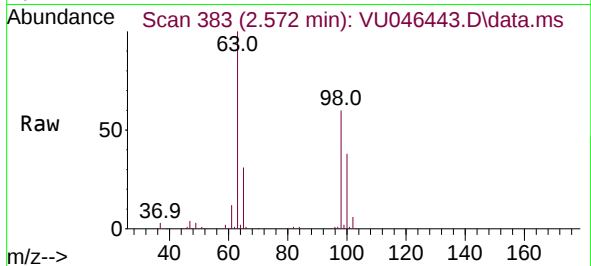




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.454 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046443.D
Acq: 17 Dec 2021 00:25

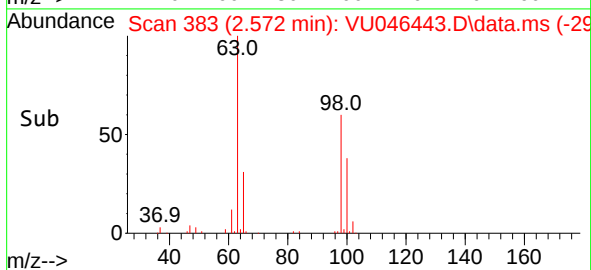
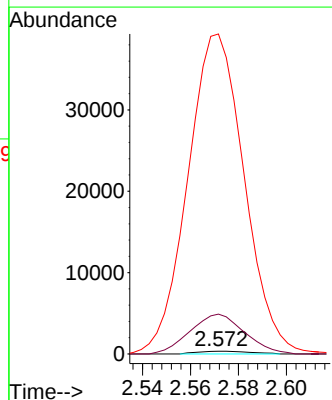
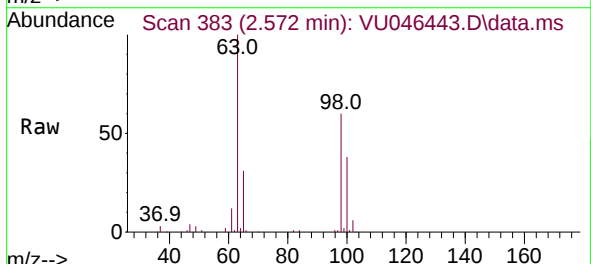
Instrument :
MSVOA_U
ClientSampleId :

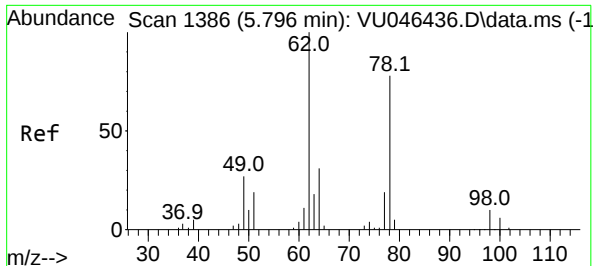
Tgt Ion:101 Resp: 469
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.531 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046443.D
Acq: 17 Dec 2021 00:25

Tgt Ion: 96 Resp: 522
Ion Ratio Lower Upper
96 100
61 1444.0 118.6 220.2#
63 11603.5 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.604 ug/L

RT: 5.726 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046443.D

Acq: 17 Dec 2021 00:25

Instrument :

MSVOA_U

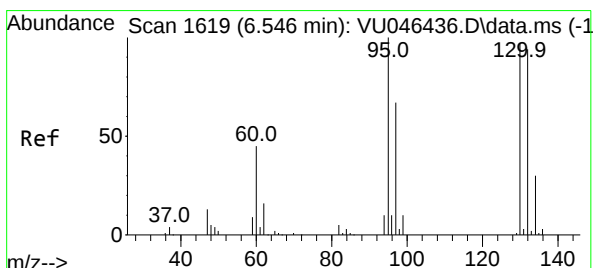
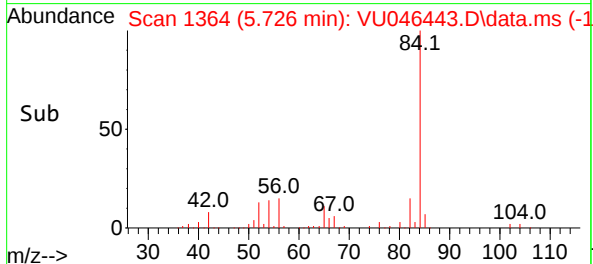
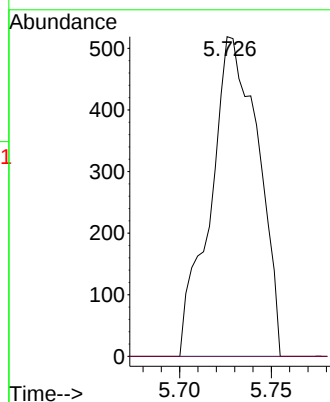
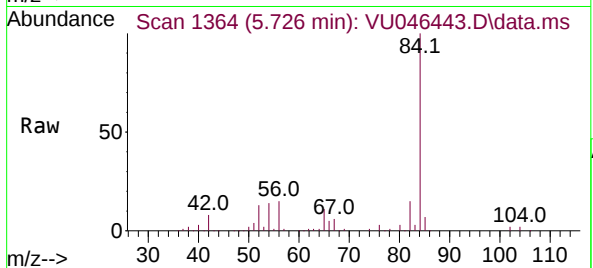
ClientSampleId :

Tgt Ion: 62 Resp: 941

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#34

Trichloroethene

Concen: 4.321 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046443.D

Acq: 17 Dec 2021 00:25

Tgt Ion: 95 Resp: 5014

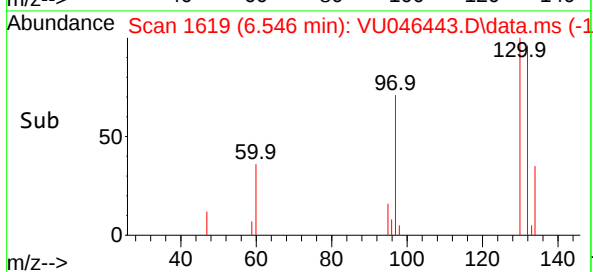
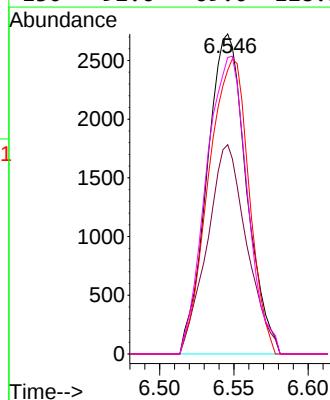
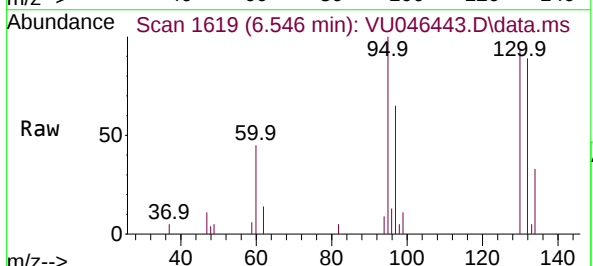
Ion Ratio Lower Upper

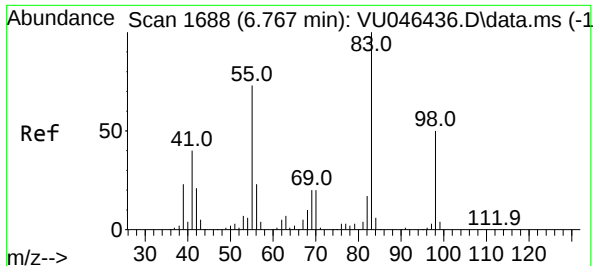
95 100

97 65.4 44.1 81.9

132 88.7 66.8 124.0

130 92.6 69.0 128.1

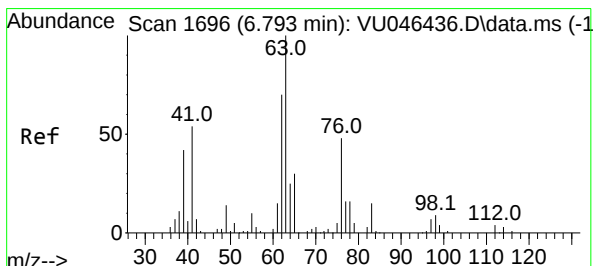
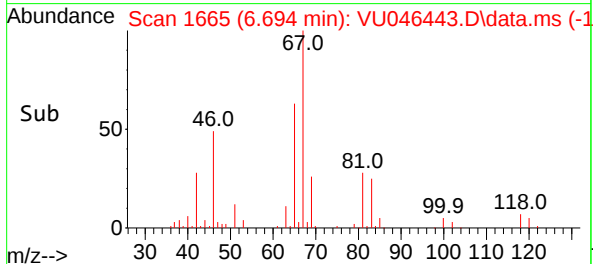
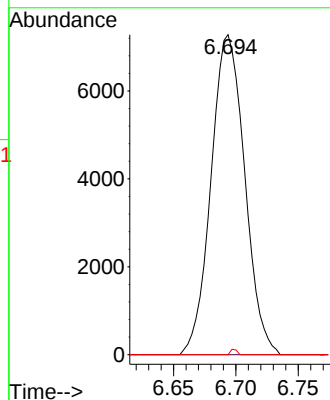
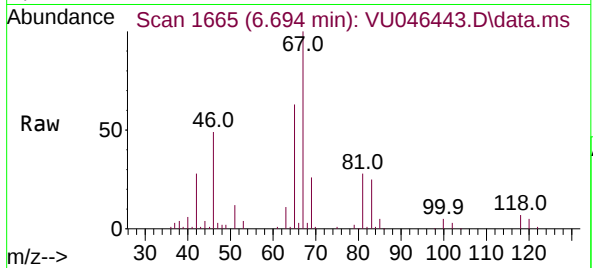




#35
Methylcyclohexane
Concen: 7.613 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046443.D
Acq: 17 Dec 2021 00:25

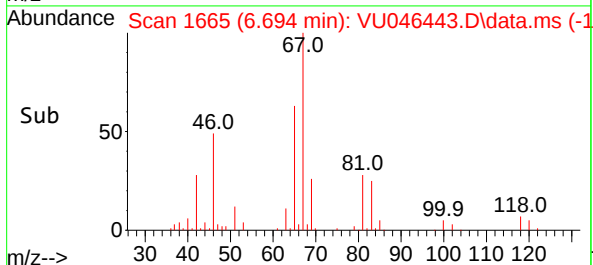
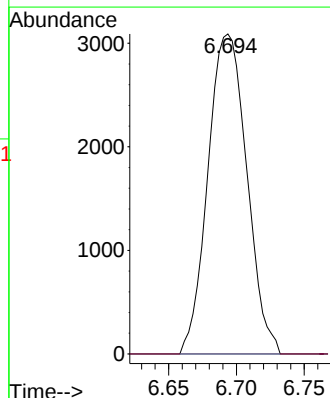
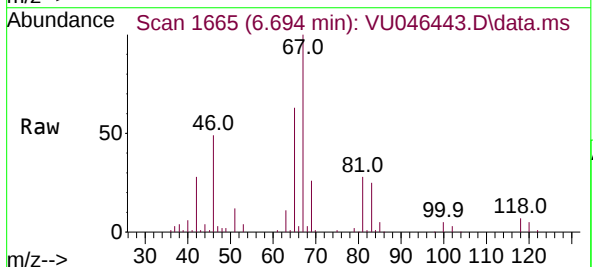
Instrument :
MSVOA_U
ClientSampleId :

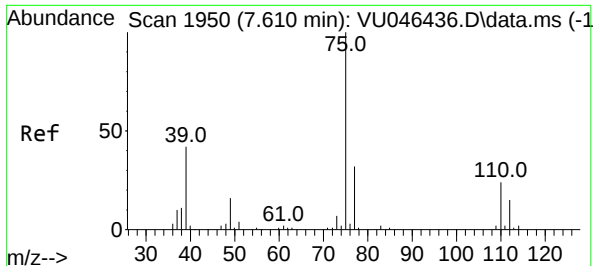
Tgt Ion: 83 Resp: 13698
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 5.347 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU046443.D
Acq: 17 Dec 2021 00:25

Tgt Ion: 63 Resp: 6170
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.867 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046443.D

Acq: 17 Dec 2021 00:25

Instrument :

MSVOA_U

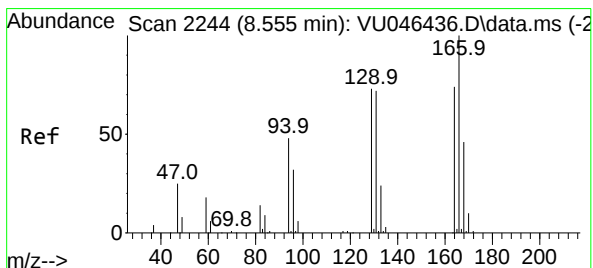
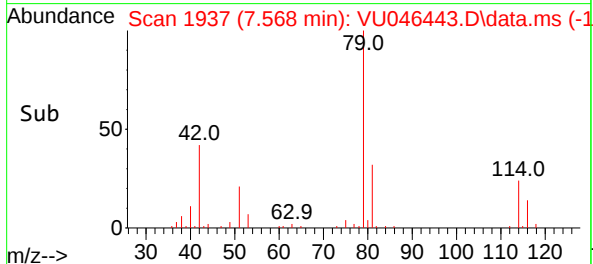
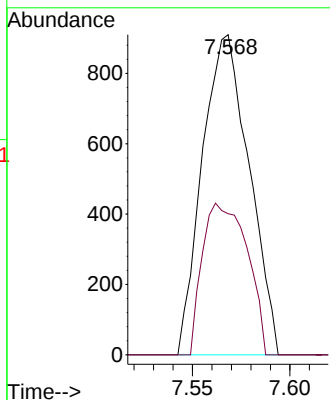
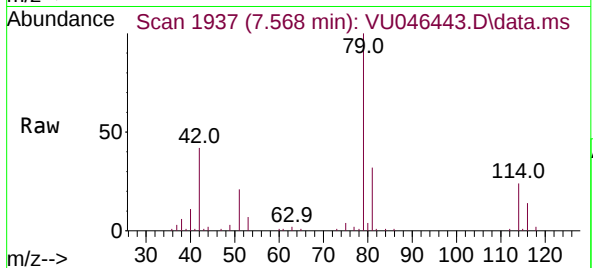
ClientSampleId :

Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

77 44.1 21.8 40.6#



#46

Tetrachloroethene

Concen: 25.986 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046443.D

Acq: 17 Dec 2021 00:25

Tgt Ion:164 Resp: 22159

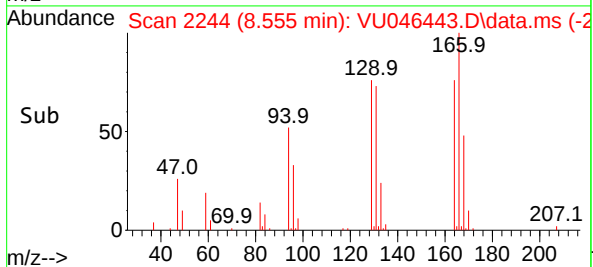
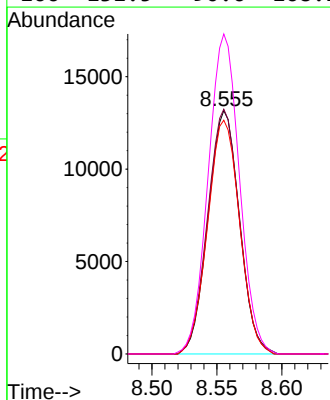
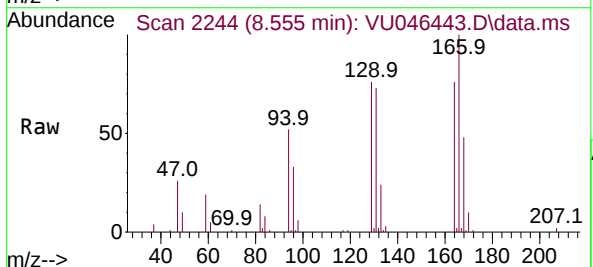
Ion Ratio Lower Upper

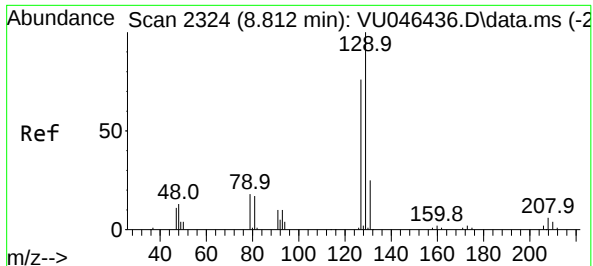
164 100

129 100.6 71.1 132.1

131 96.1 67.8 126.0

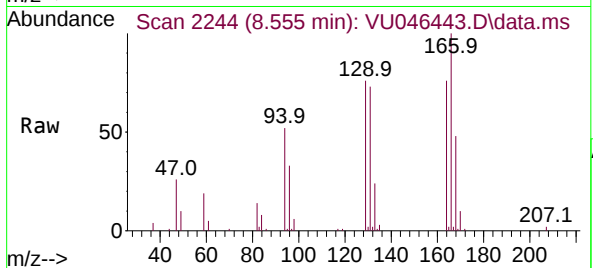
166 131.5 90.6 168.2



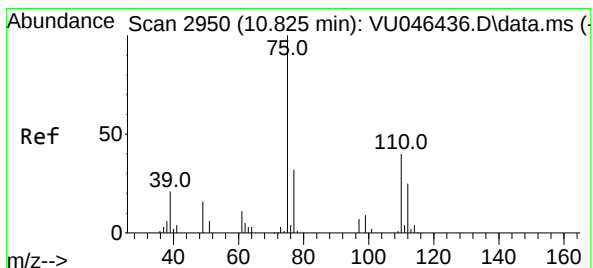
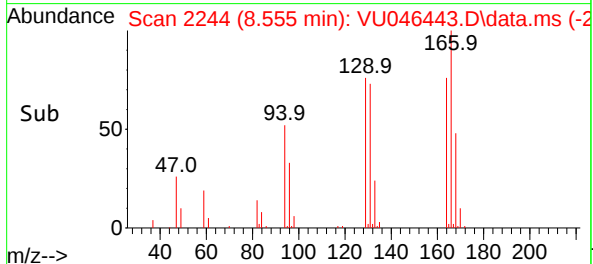
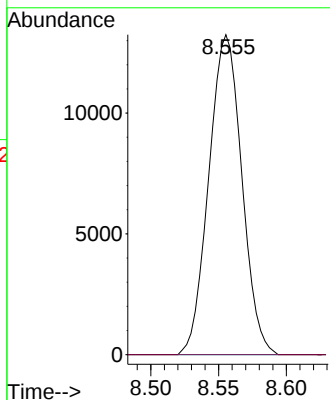


#49
Dibromochloromethane
Concen: 18.460 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046443.D
Acq: 17 Dec 2021 00:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 22440
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#60
1,2,3-Trichloropropane
Concen: 5.508 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046443.D
Acq: 17 Dec 2021 00:25

Tgt Ion: 75 Resp: 8753
Ion Ratio Lower Upper
75 100
77 34.0 26.4 39.6
110 2.3 32.4 48.6#

