

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046444.D
 Acq On : 17 Dec 2021 00:47
 Operator : SY/MD
 Sample : M5101-13ME 20X
 Misc : 6.93g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:06:34 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)

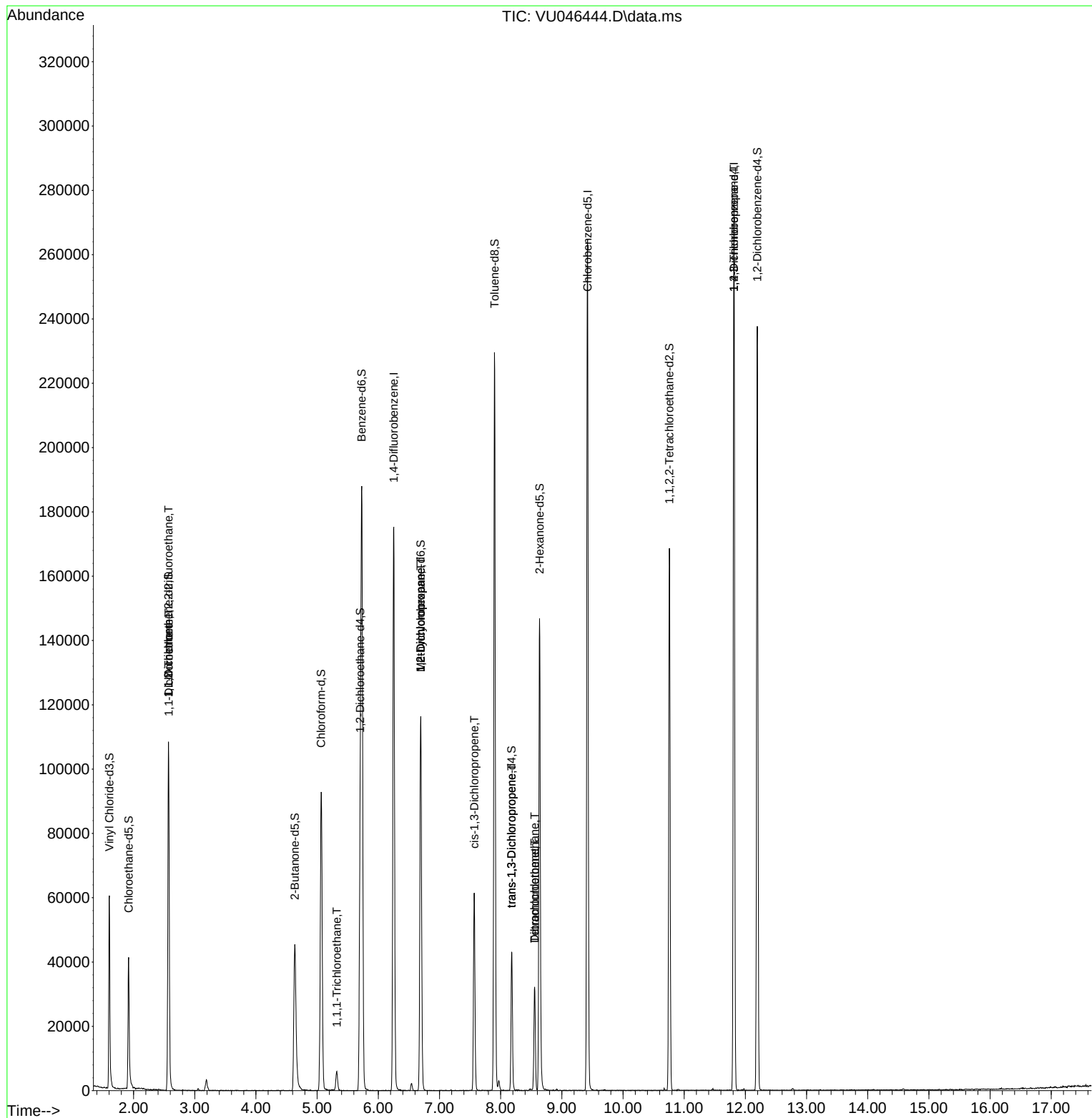
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142019	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	145017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48085	41.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.200%
7) Chloroethane-d5	1.919	69	34550	38.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.920%
11) 1,1-Dichloroethene-d2	2.572	63	63303	30.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.280%
21) 2-Butanone-d5	4.636	46	70854	76.187	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.190%
24) Chloroform-d	5.067	84	88663	45.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	5.703	65	58995	44.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
32) Benzene-d6	5.729	84	174405	41.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.920%
36) 1,2-Dichloropropane-d6	6.694	67	54525	42.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.660%
41) Toluene-d8	7.899	98	149603	39.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.060%#
43) trans-1,3-Dichloroprop...	8.179	79	24552	39.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.960%
47) 2-Hexanone-d5	8.636	63	52404	85.801	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	80675	41.297	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	61239	44.734	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.460%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	620	0.600	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	516	0.525	ug/L #	1
30) 1,1,1-Trichloroethane	5.321	97	4481	2.517	ug/L	99
35) Methylcyclohexane	6.694	83	13319	7.429	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6309	5.487	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1572	0.899	ug/L #	57
44) trans-1,3-Dichloropropene	8.179	75	1109	0.646	ug/L	98
46) Tetrachloroethene	8.555	164	6944	8.172	ug/L	97
49) Dibromochloromethane	8.555	129	7004	5.782	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	9239	5.929	ug/L #	65

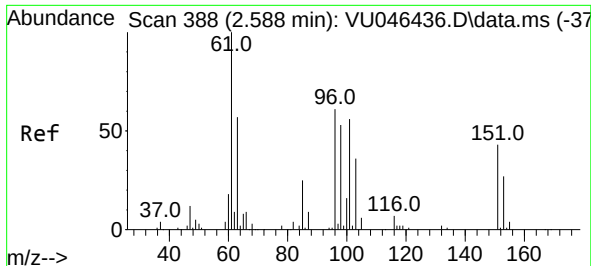
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration

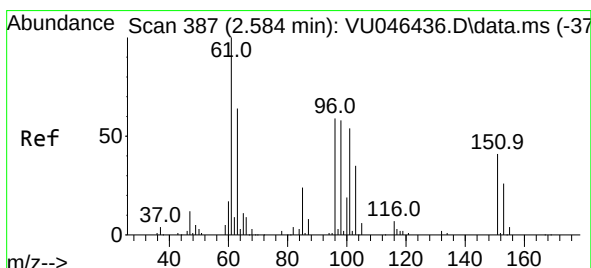
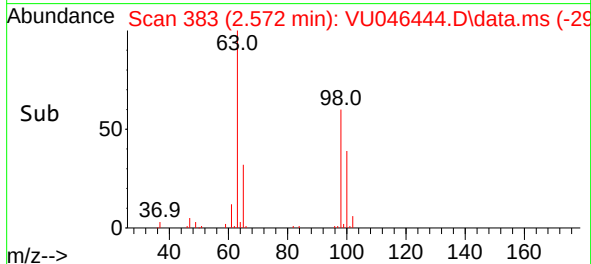
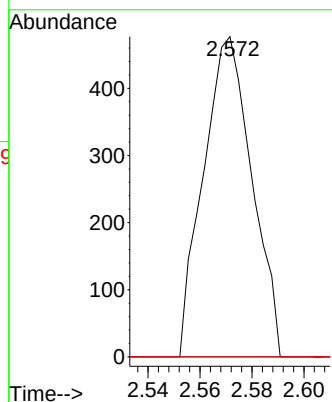
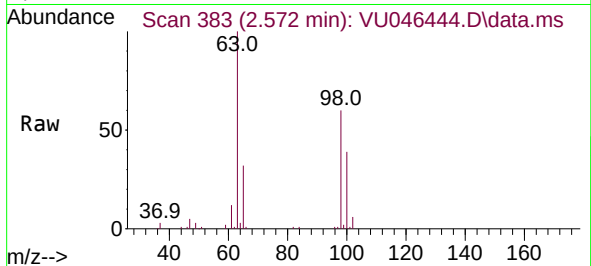




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.600 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046444.D
Acq: 17 Dec 2021 00:47

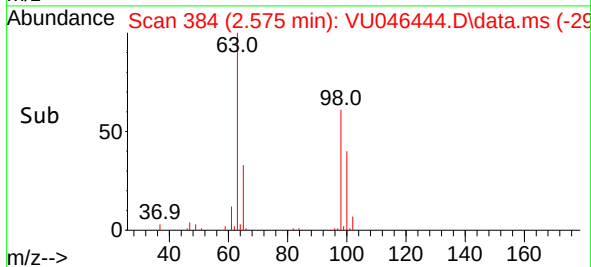
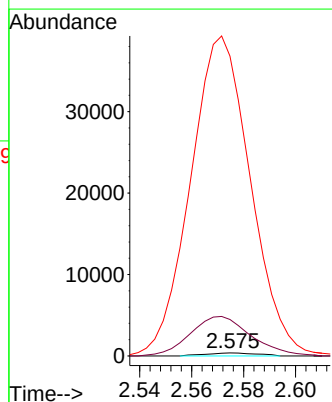
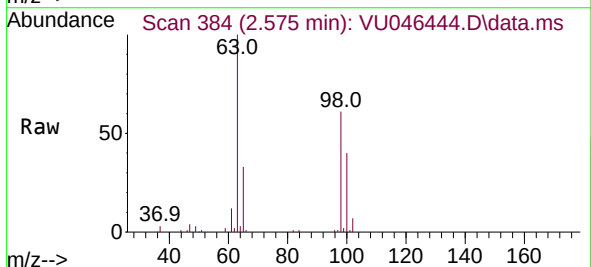
Instrument :
MSVOA_U
ClientSampleId :

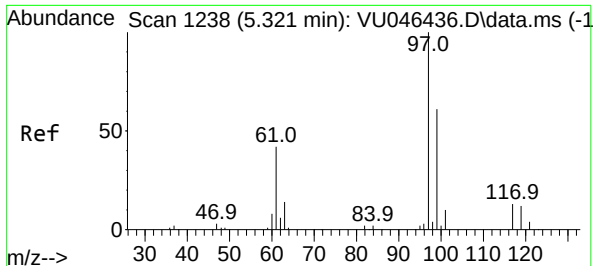
Tgt Ion:101 Resp: 620
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.525 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046444.D
Acq: 17 Dec 2021 00:47

Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 1183.6 118.6 220.2#
63 9739.7 93.0 172.8#





#30

1,1,1-Trichloroethane

Concen: 2.517 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046444.D

Acq: 17 Dec 2021 00:47

Instrument :

MSVOA_U

ClientSampleId :

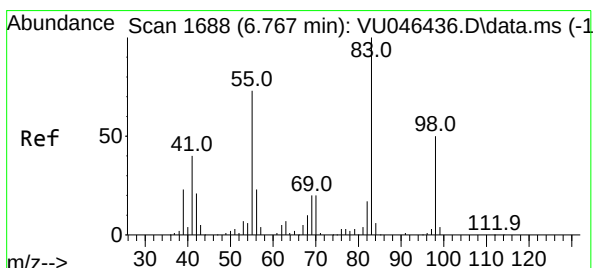
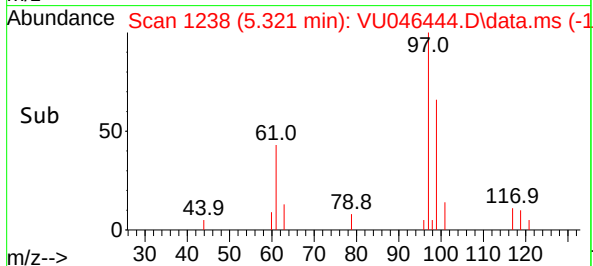
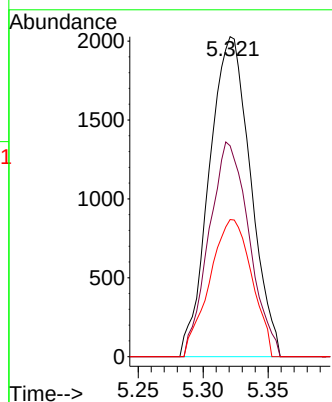
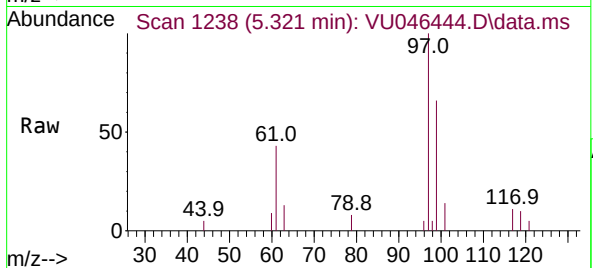
Tgt Ion: 97 Resp: 4481

Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.6

61 43.7 34.4 51.6



#35

Methylcyclohexane

Concen: 7.429 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046444.D

Acq: 17 Dec 2021 00:47

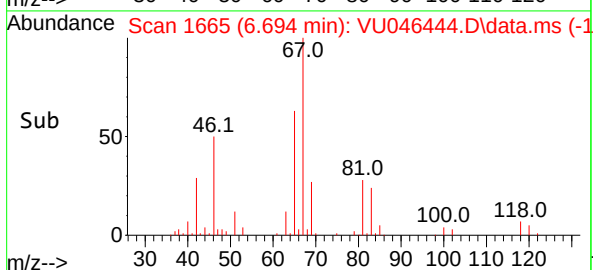
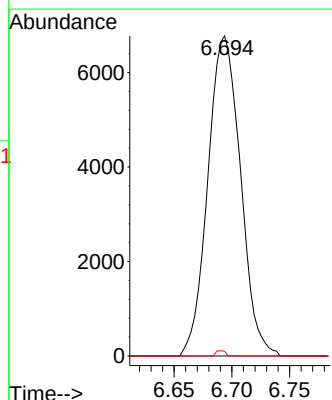
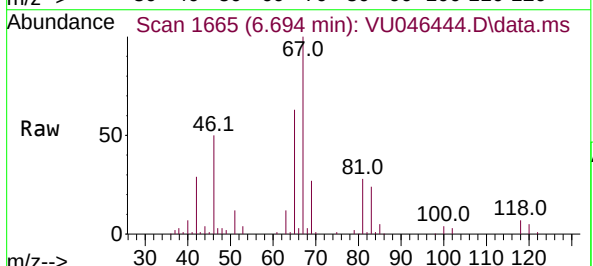
Tgt Ion: 83 Resp: 13319

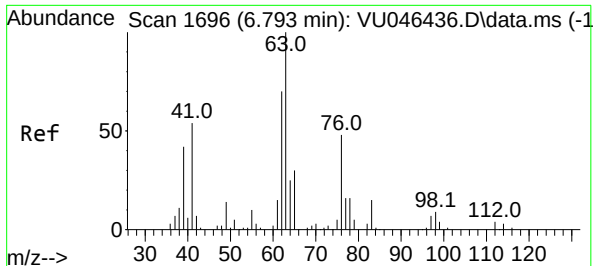
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.487 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046444.D

Acq: 17 Dec 2021 00:47

Instrument :

MSVOA_U

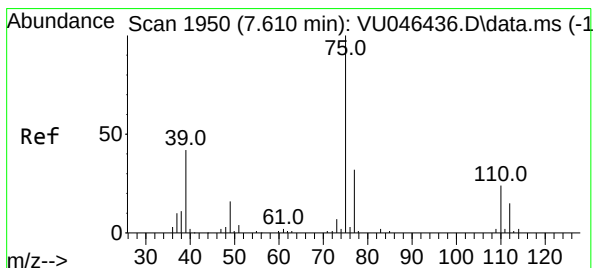
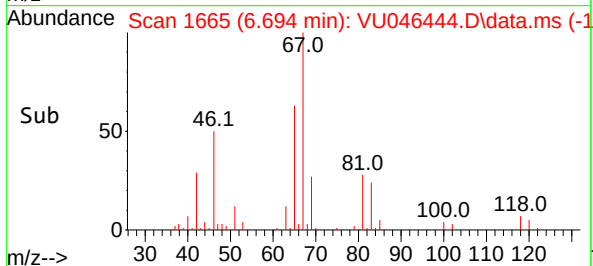
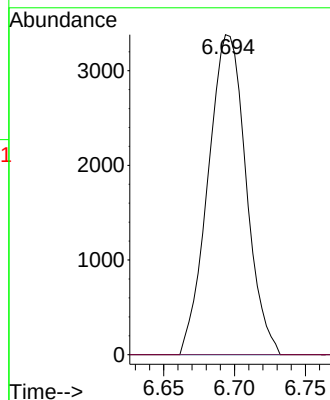
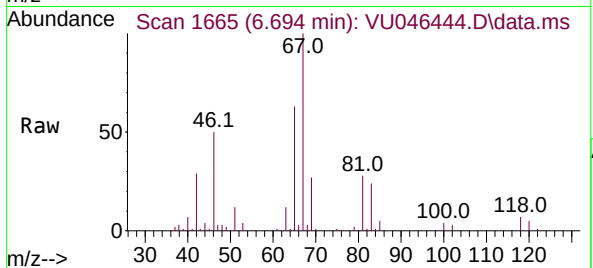
ClientSampleId :

Tgt Ion: 63 Resp: 6309

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.899 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046444.D

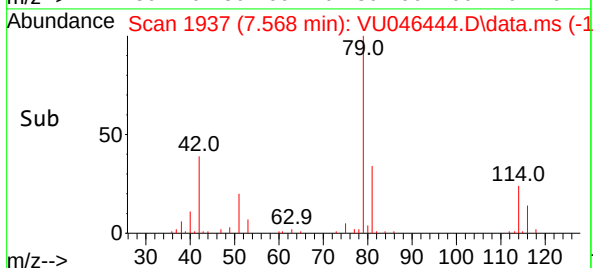
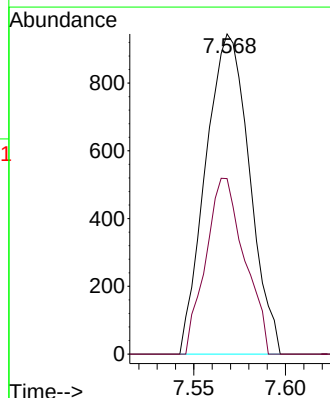
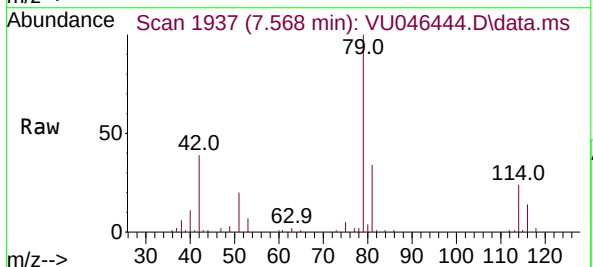
Acq: 17 Dec 2021 00:47

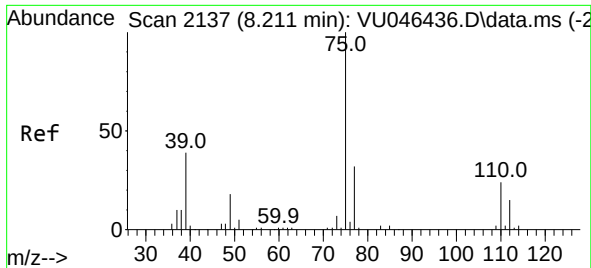
Tgt Ion: 75 Resp: 1572

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.6#

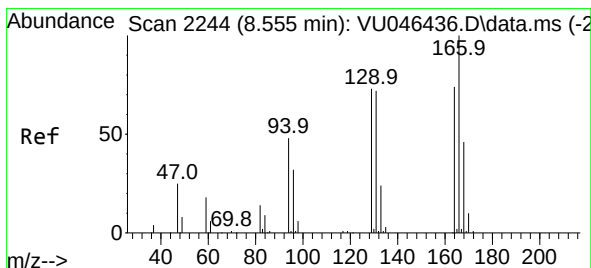
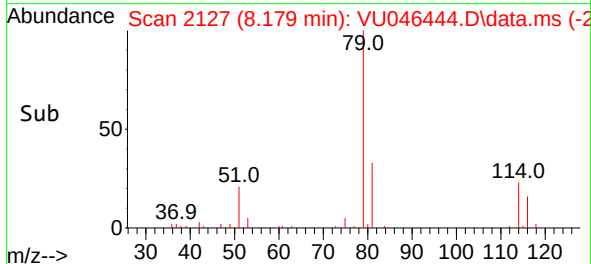
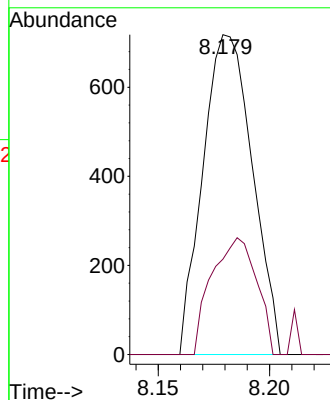
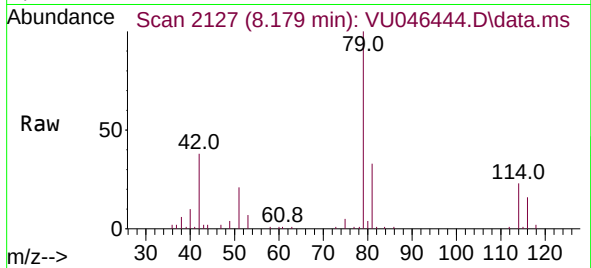




#44
trans-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046444.D
Acq: 17 Dec 2021 00:47

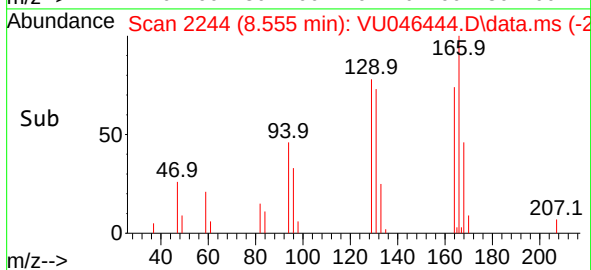
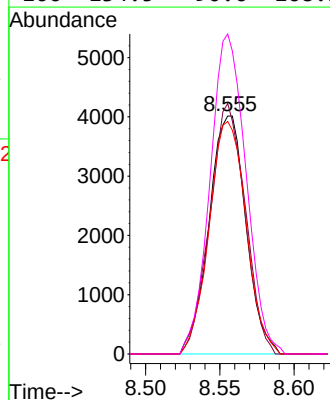
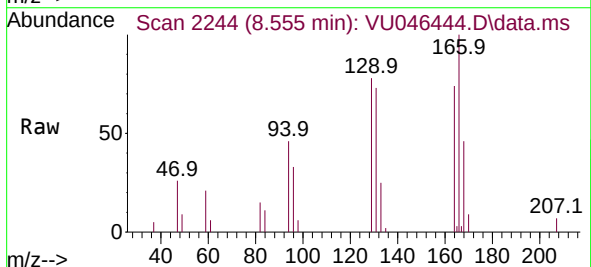
Instrument :
MSVOA_U
ClientSampleId :

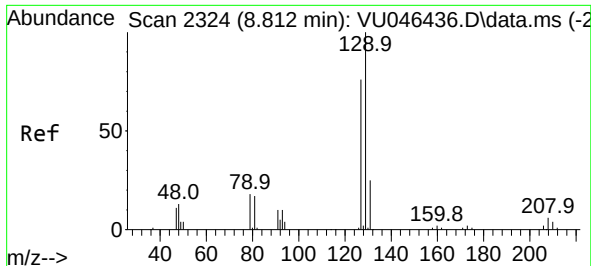
Tgt Ion: 75 Resp: 1109
Ion Ratio Lower Upper
75 100
77 29.8 21.7 40.3



#46
Tetrachloroethene
Concen: 8.172 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046444.D
Acq: 17 Dec 2021 00:47

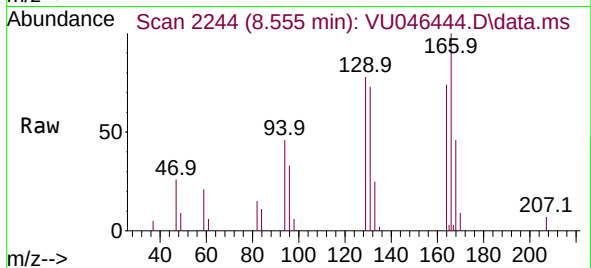
Tgt Ion:164 Resp: 6944
Ion Ratio Lower Upper
164 100
129 105.2 71.1 132.1
131 97.7 67.8 126.0
166 134.5 90.6 168.2



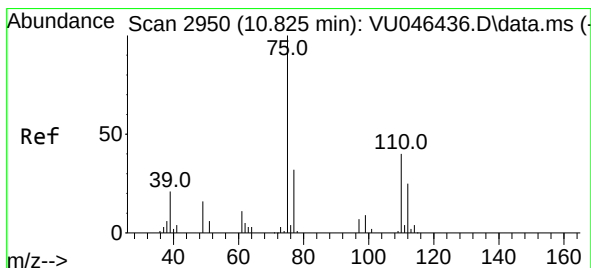
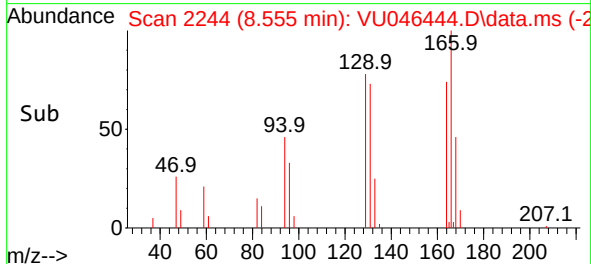
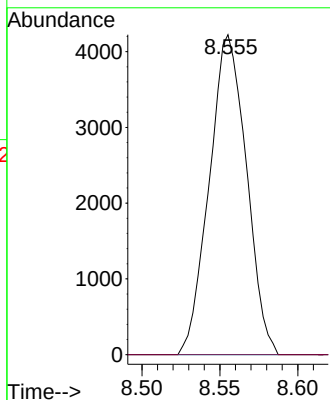


#49
Dibromochloromethane
Concen: 5.782 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046444.D
Acq: 17 Dec 2021 00:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 7004
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#60
1,2,3-Trichloropropane
Concen: 5.929 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046444.D
Acq: 17 Dec 2021 00:47

Tgt Ion: 75 Resp: 9239
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 2.2 32.4 48.6#

