

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046125.D
 Acq On : 06 Dec 2021 20:35
 Operator : SY/MD
 Sample : M4883-17ME
 Misc : 2.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:13:57 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)

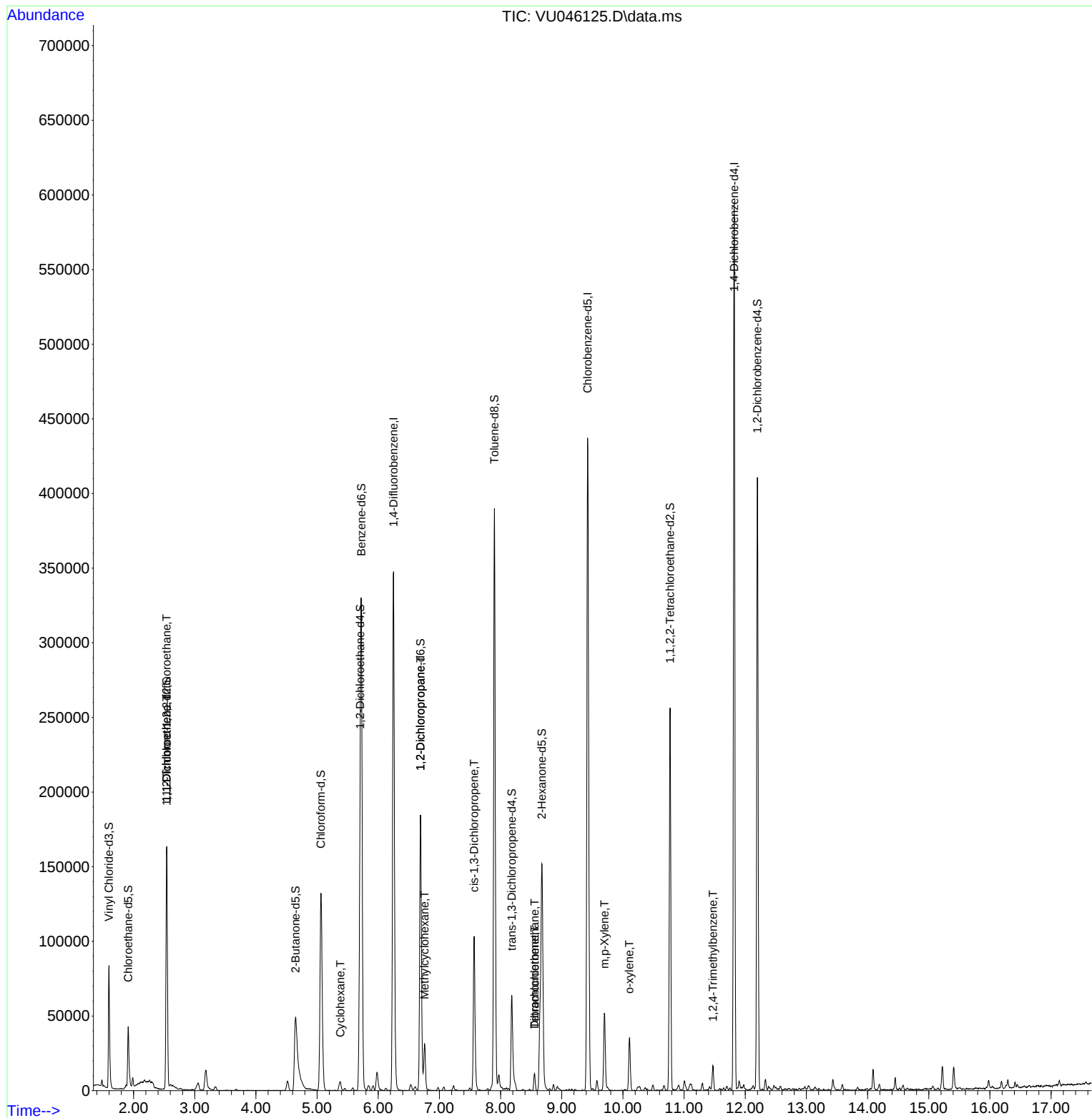
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320935	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	309748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	160197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70686	26.738	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.480%#
7) Chloroethane-d5	1.912	69	38308	18.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.740%#
11) 1,1-Dichloroethene-d2	2.543	63	98613	20.778	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.560%#
21) 2-Butanone-d5	4.649	46	124330	59.159	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	59.160%
24) Chloroform-d	5.063	84	132730	30.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.120%#
26) 1,2-Dichloroethane-d4	5.703	65	93509	31.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.120%#
32) Benzene-d6	5.723	84	300885	33.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.780%#
36) 1,2-Dichloropropane-d6	6.690	67	94937	34.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.000%#
41) Toluene-d8	7.899	98	276800	34.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.480%#
43) trans-1,3-Dichloroprop...	8.182	79	45495	34.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.500%
47) 2-Hexanone-d5	8.674	63	94054	72.097	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.100%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	130879	31.366	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.740%#
66) 1,2-Dichlorobenzene-d4	12.198	152	108810	35.269	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.540%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	1044	0.447	ug/L #	21
12) 1,1-Dichloroethene	2.543	96	748	0.337	ug/L #	1
29) Cyclohexane	5.382	56	3292	0.913	ug/L	96
35) Methylcyclohexane	6.758	83	13416	3.503	ug/L	96
37) 1,2-Dichloropropane	6.690	63	9925	4.041	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2697	0.722	ug/L #	63
46) Tetrachloroethene	8.555	164	2762	1.522	ug/L	92
49) Dibromochloromethane	8.555	129	2581	0.998	ug/L #	10
53) m,p-Xylene	9.700	106	18069	4.280	ug/L	91
54) o-xylene	10.105	106	11368	2.775	ug/L	96
63) 1,2,4-Trimethylbenzene	11.471	105	8987	1.034	ug/L	97

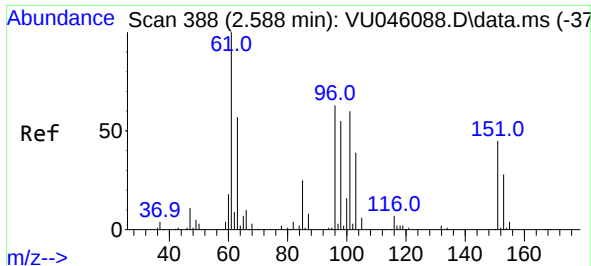
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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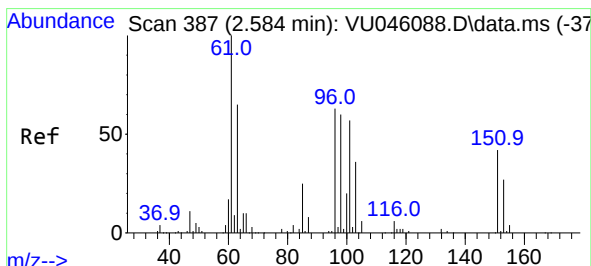
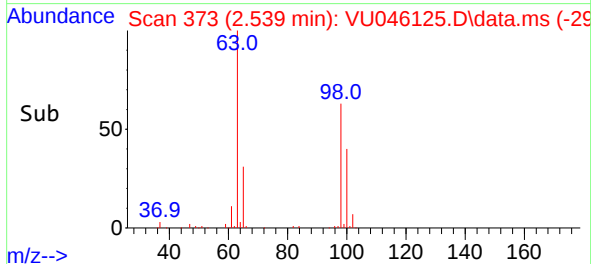
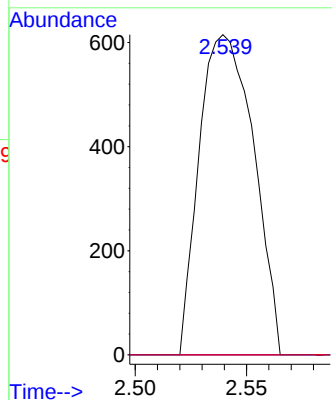
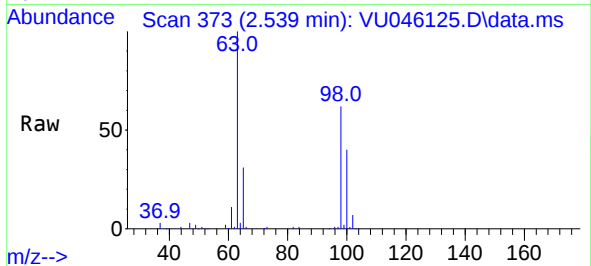




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.447 ug/L
RT: 2.539 min Scan# 31
Delta R.T. -0.048 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

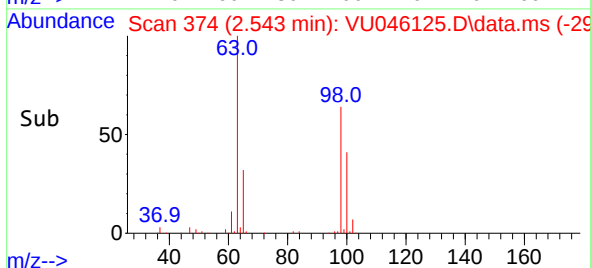
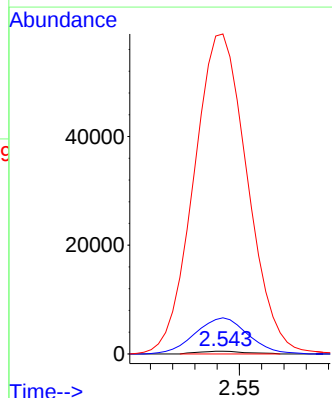
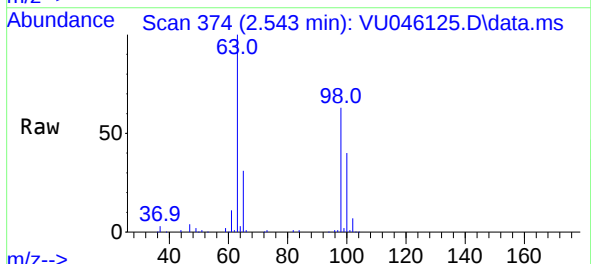
Instrument :
MSVOA_U
ClientSampleId :

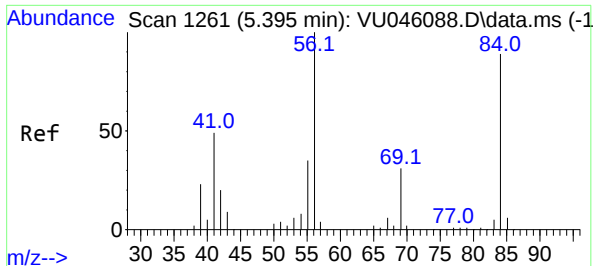
Tgt Ion:101 Resp: 1044
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.337 ug/L
RT: 2.543 min Scan# 374
Delta R.T. -0.042 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Tgt Ion: 96 Resp: 748
Ion Ratio Lower Upper
96 100
61 1296.7 118.6 220.2#
63 11495.3 93.0 172.8#





#29

Cyclohexane

Concen: 0.913 ug/L

RT: 5.382 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU046125.D

Acq: 06 Dec 2021 20:35

Instrument :

MSVOA_U

ClientSampleId :

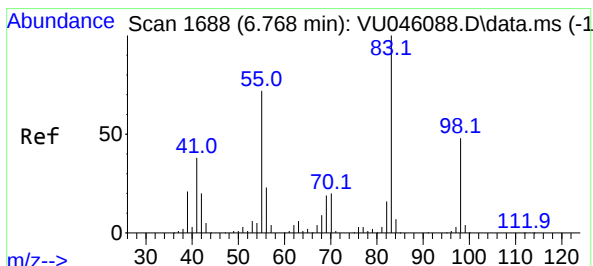
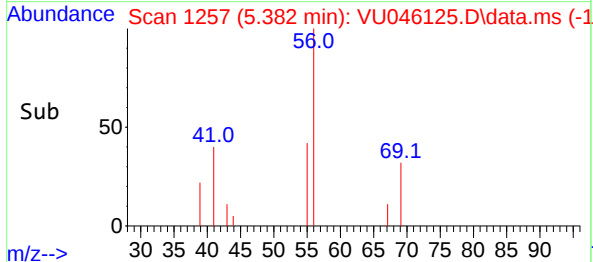
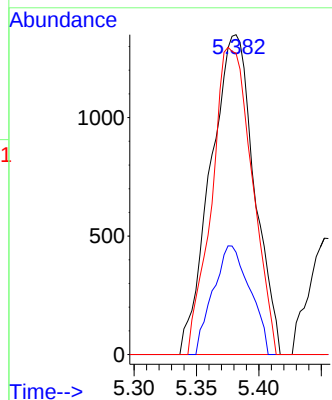
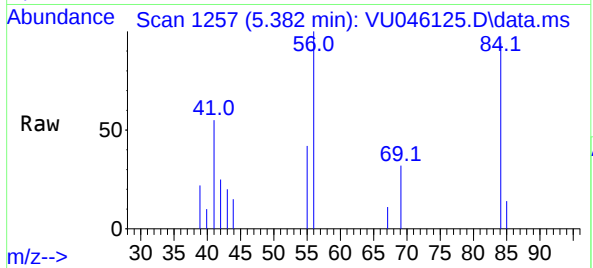
Tgt Ion: 56 Resp: 3292

Ion Ratio Lower Upper

56 100

69 28.6 25.2 37.8

84 88.4 73.3 109.9



#35

Methylcyclohexane

Concen: 3.503 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.010 min

Lab File: VU046125.D

Acq: 06 Dec 2021 20:35

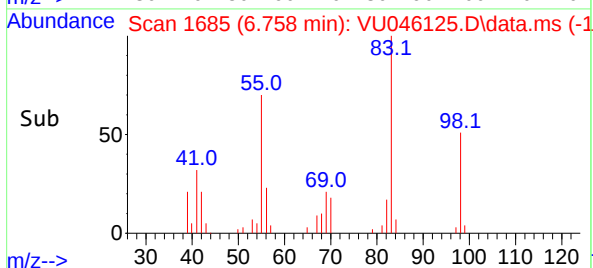
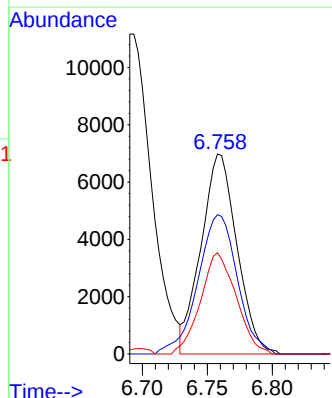
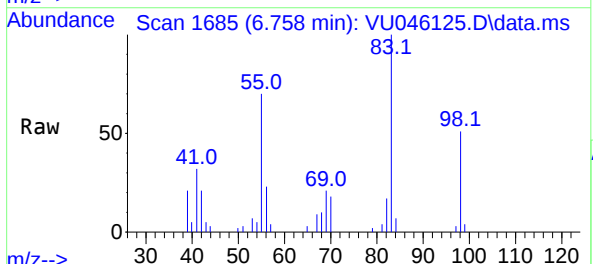
Tgt Ion: 83 Resp: 13416

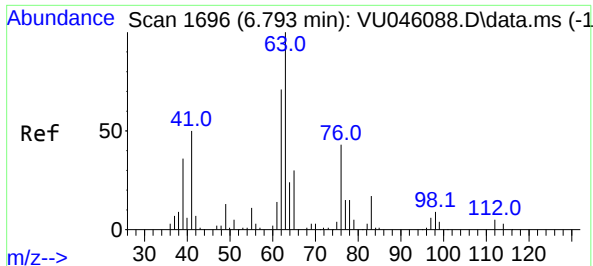
Ion Ratio Lower Upper

83 100

55 76.5 57.8 86.6

98 50.2 38.4 57.6

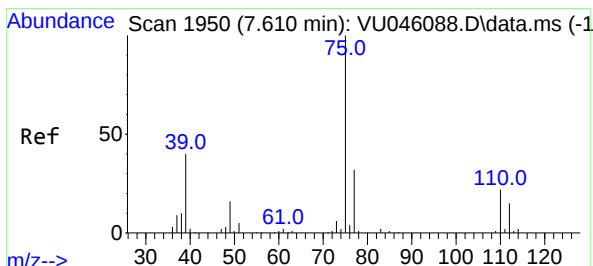
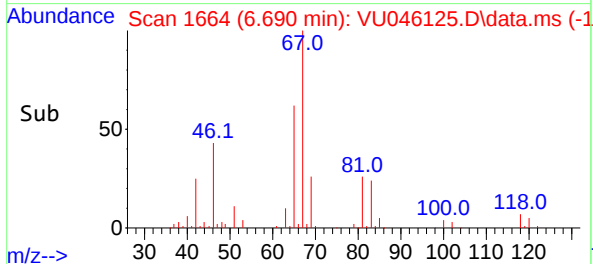
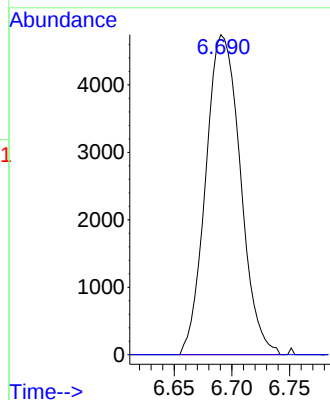
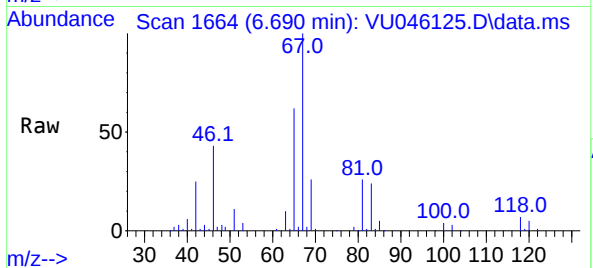




#37
1,2-Dichloropropane
Concen: 4.041 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

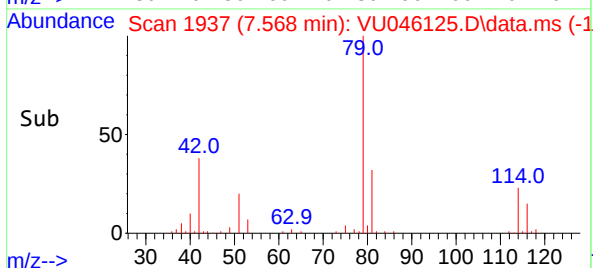
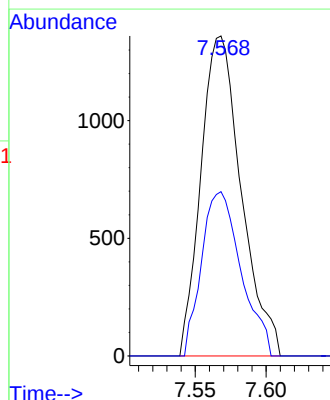
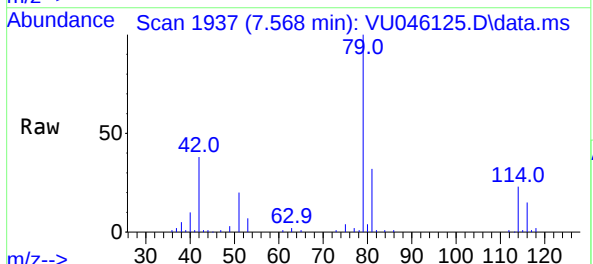
Instrument :
MSVOA_U
ClientSampleId :

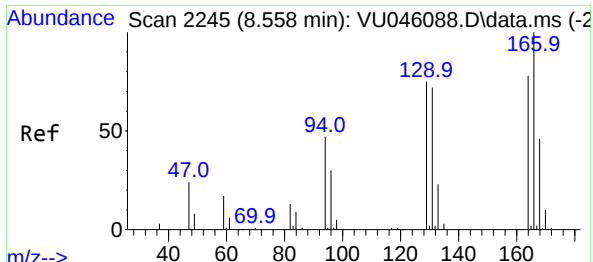
Tgt Ion: 63 Resp: 9925
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.722 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

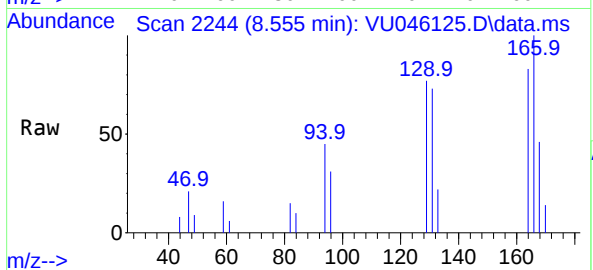
Tgt Ion: 75 Resp: 2697
Ion Ratio Lower Upper
75 100
77 51.3 21.8 40.6#



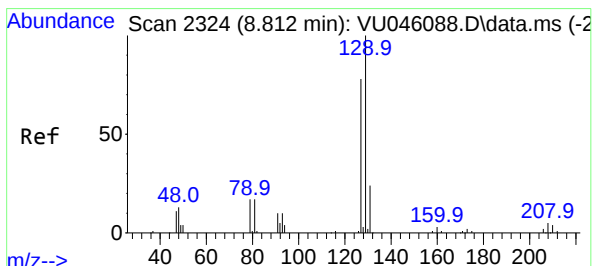
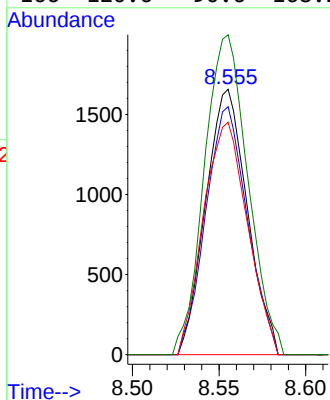
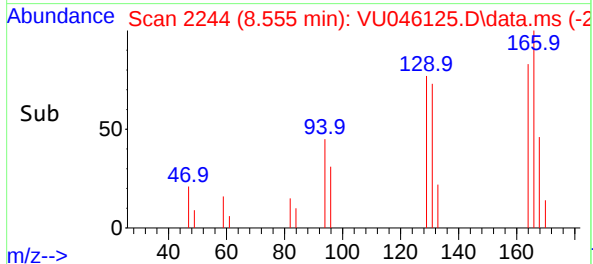


#46
Tetrachloroethene
Concen: 1.522 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Instrument :
MSVOA_U
ClientSampleId :

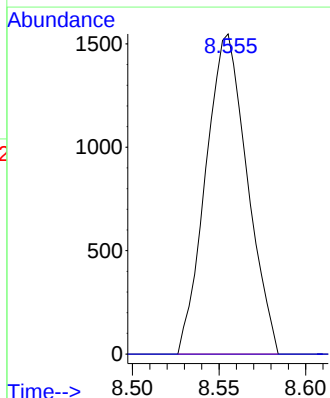
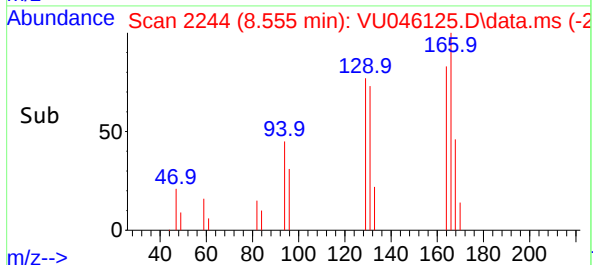
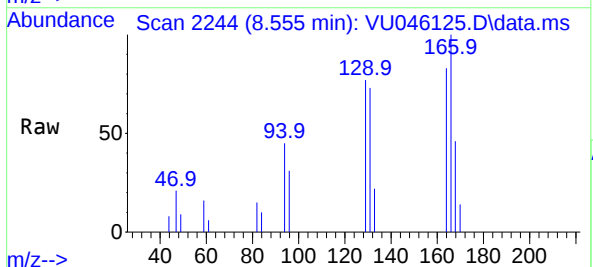


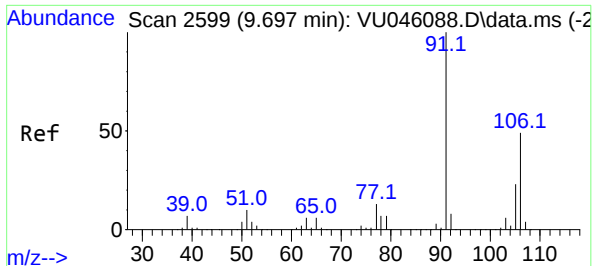
Tgt Ion:164 Resp: 2762
Ion Ratio Lower Upper
164 100
129 93.4 71.1 132.1
131 87.6 67.8 126.0
166 120.6 90.6 168.2



#49
Dibromochloromethane
Concen: 0.998 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Tgt Ion:129 Resp: 2581
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#

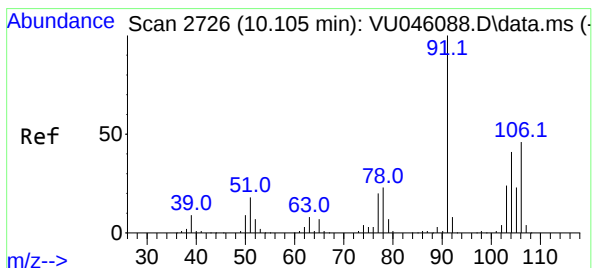
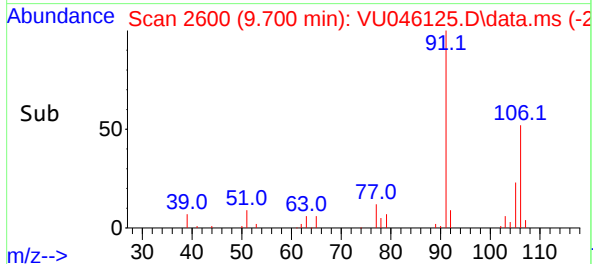
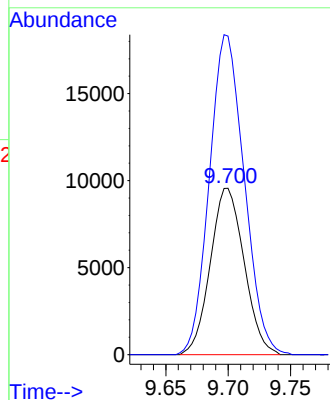
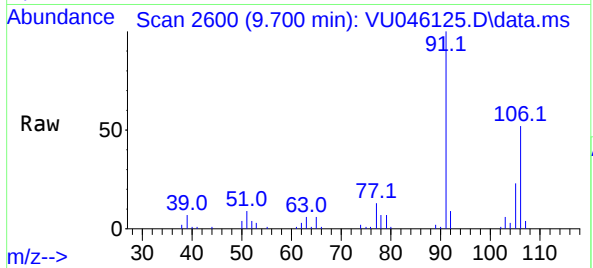




#53
m,p-Xylene
Concen: 4.280 ug/L
RT: 9.700 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

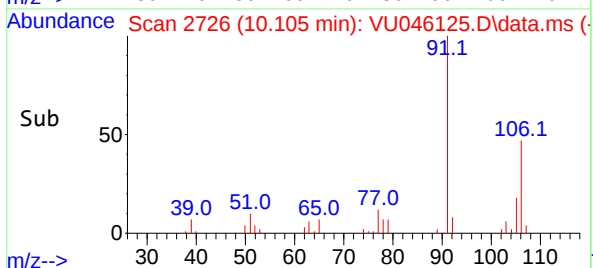
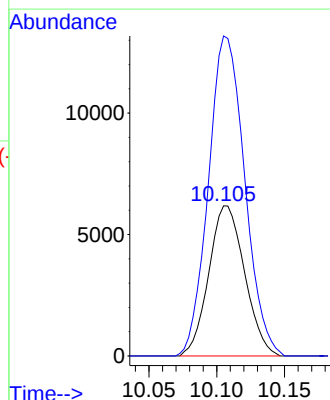
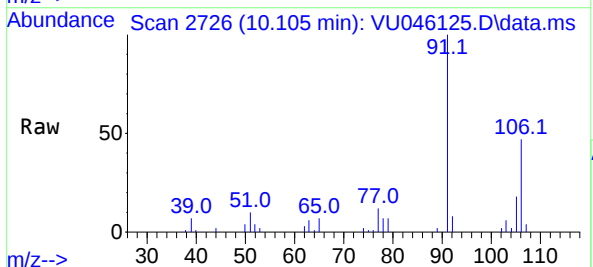
Instrument :
MSVOA_U
ClientSampleId :

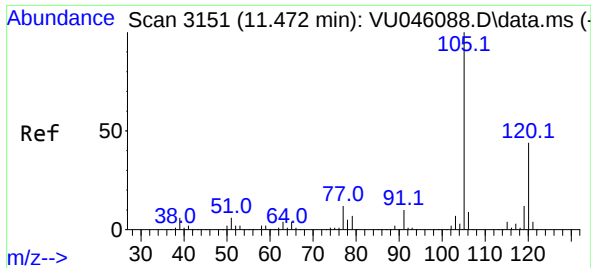
Tgt Ion:106 Resp: 18069
Ion Ratio Lower Upper
106 100
91 191.5 144.3 268.1



#54
o-xylene
Concen: 2.775 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Tgt Ion:106 Resp: 11368
Ion Ratio Lower Upper
106 100
91 213.1 154.2 286.4





#63
1,2,4-Trimethylbenzene
Concen: 1.034 ug/L
RT: 11.471 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 8987
Ion Ratio Lower Upper
105 100
120 45.9 35.2 52.8

