

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046343.D
 Acq On : 14 Dec 2021 01:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 03:46:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

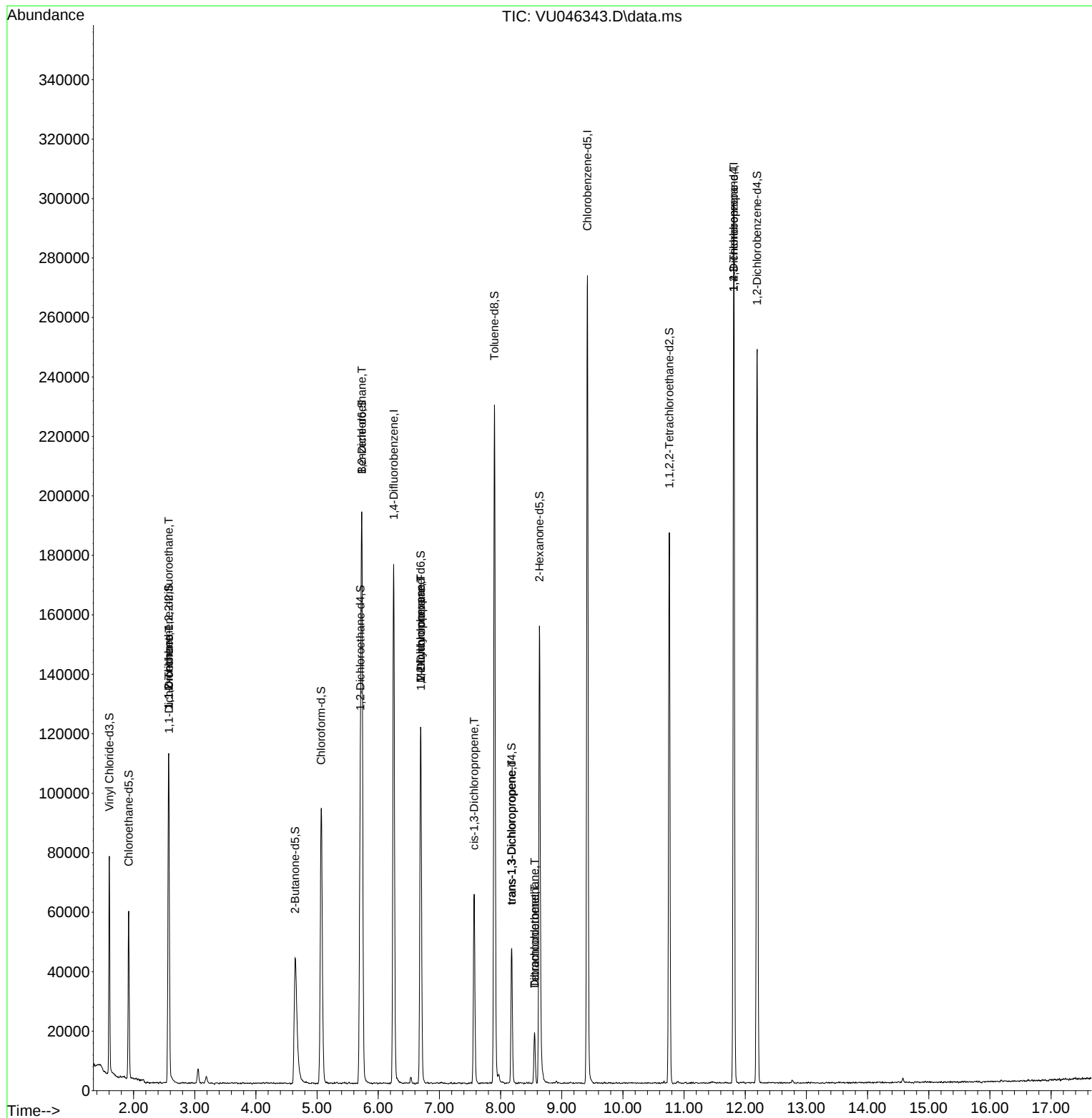
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143170	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76263	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51322	43.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.040%
7) Chloroethane-d5	1.919	69	39963	44.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.260%
11) 1,1-Dichloroethene-d2	2.575	63	68031	32.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.260%
21) 2-Butanone-d5	4.642	46	81672	87.114	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.110%
24) Chloroform-d	5.066	84	88363	44.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.740%
26) 1,2-Dichloroethane-d4	5.706	65	62552	47.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
32) Benzene-d6	5.732	84	181904	41.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
36) 1,2-Dichloropropane-d6	6.693	67	56721	41.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.580%
41) Toluene-d8	7.899	98	154145	38.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.300%#
43) trans-1,3-Dichloroprop...	8.179	79	26646	40.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.320%
47) 2-Hexanone-d5	8.635	63	55906	86.866	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.870%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	91065	44.238	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.480%
66) 1,2-Dichlorobenzene-d4	12.195	152	63826	43.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	486	0.467	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	387	0.391	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	885	0.564	ug/L #	73
35) Methylcyclohexane	6.693	83	13457	7.123	ug/L #	22
37) 1,2-Dichloropropane	6.697	63	6209	5.125	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1565	0.849	ug/L #	71
44) trans-1,3-Dichloropropene	8.182	75	1168	0.645	ug/L	98
46) Tetrachloroethene	8.555	164	3767	4.207	ug/L	87
49) Dibromochloromethane	8.555	129	3994	3.129	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	9333	5.583	ug/L #	64

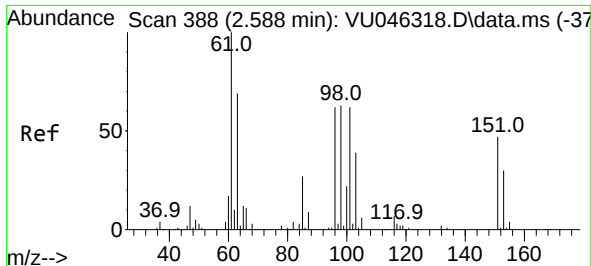
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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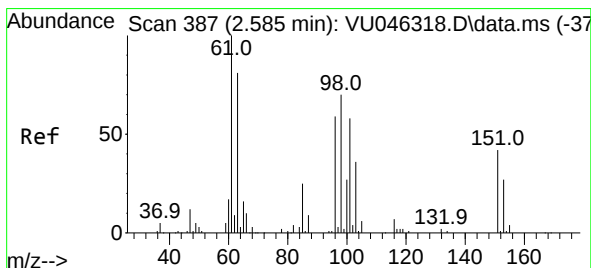
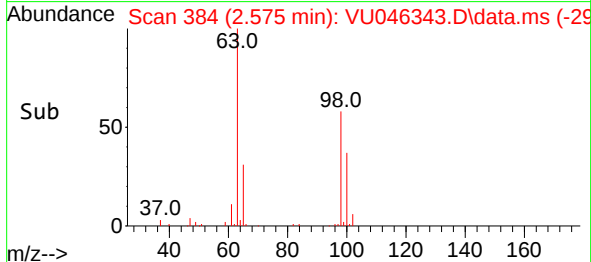
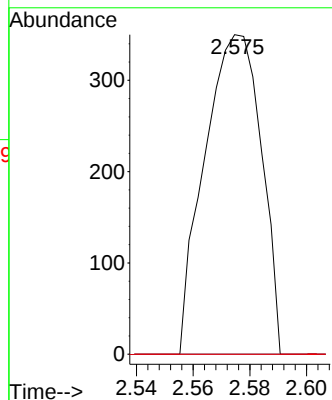
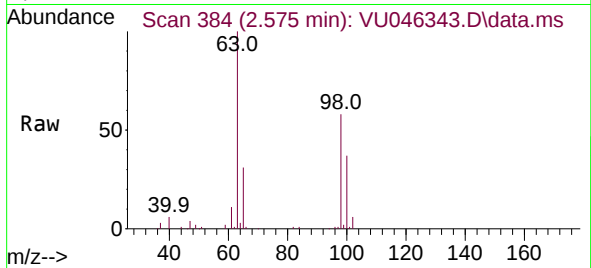




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.467 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

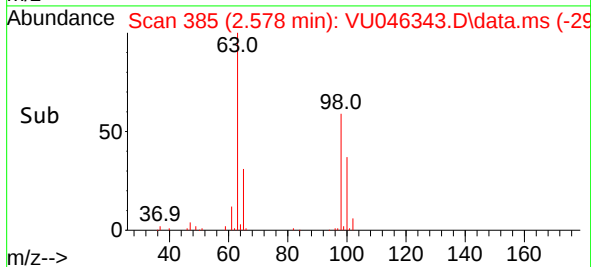
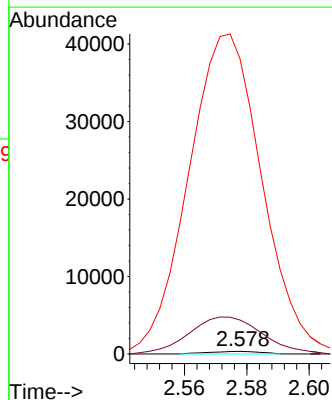
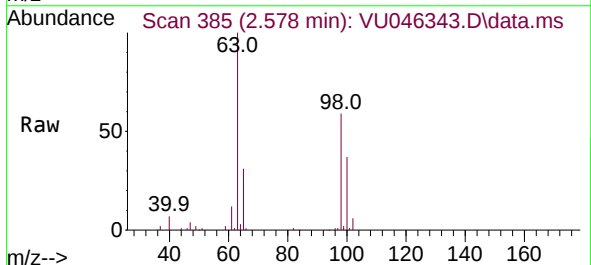
Instrument :
MSVOA_W
ClientSampleId :

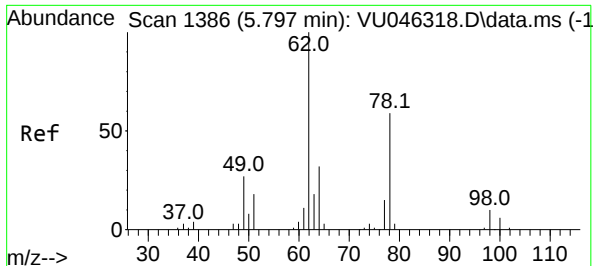
Tgt Ion:101 Resp: 486
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.391 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

Tgt Ion: 96 Resp: 387
Ion Ratio Lower Upper
96 100
61 1326.0 118.6 220.2#
63 11506.9 93.0 172.8#

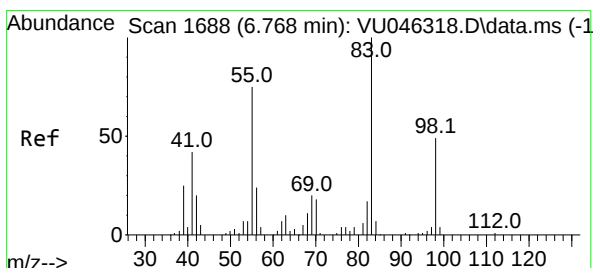
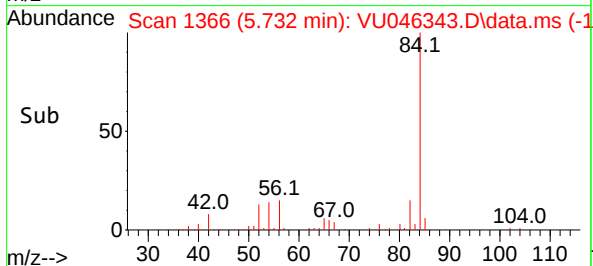
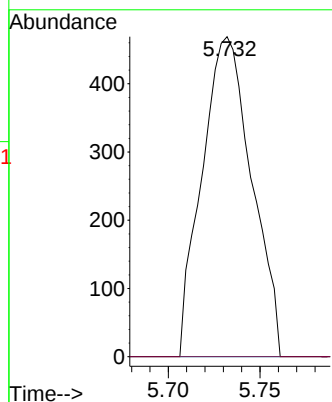
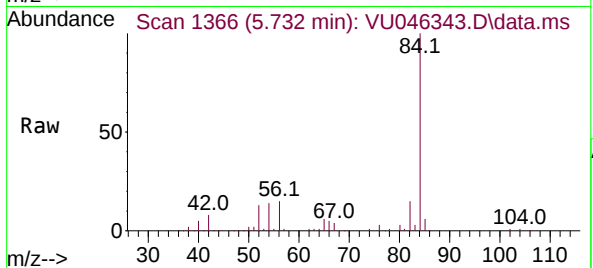




#27
1,2-Dichloroethane
Concen: 0.564 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.065 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

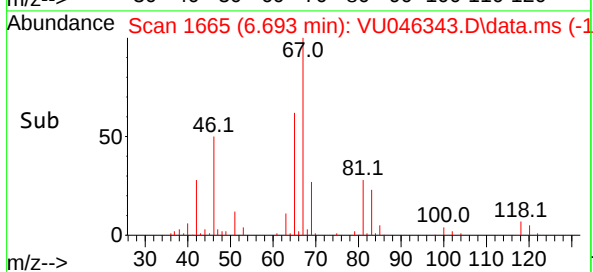
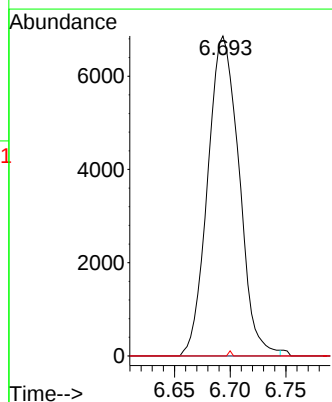
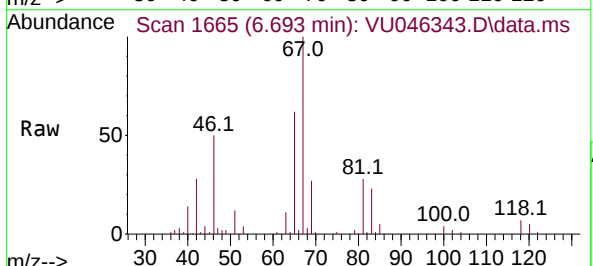
Instrument :
MSVOA_W
ClientSampleId :

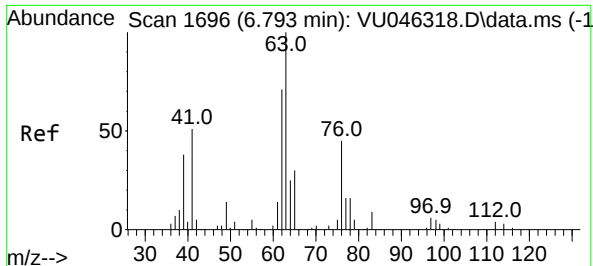
Tgt Ion: 62 Resp: 885
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 7.123 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

Tgt Ion: 83 Resp: 13457
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 4.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.125 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046343.D

Acq: 14 Dec 2021 01:42

Instrument :

MSVOA_W

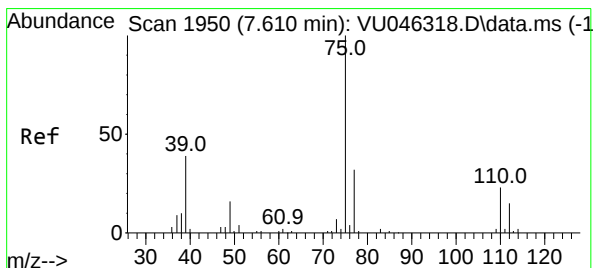
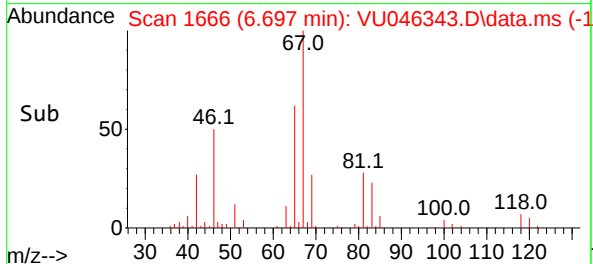
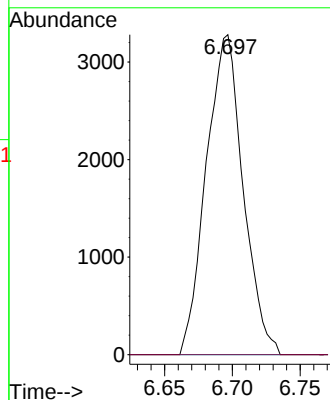
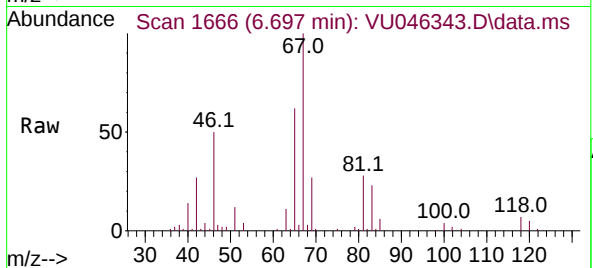
ClientSampleId :

Tgt Ion: 63 Resp: 6209

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.849 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046343.D

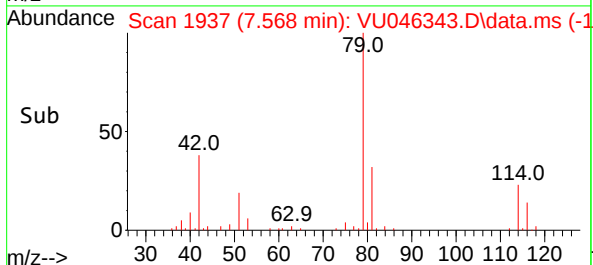
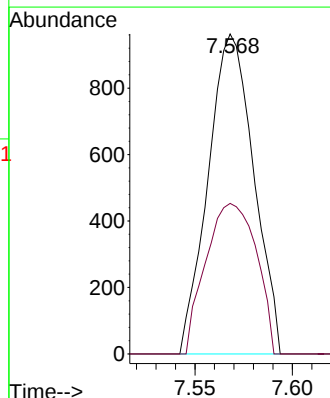
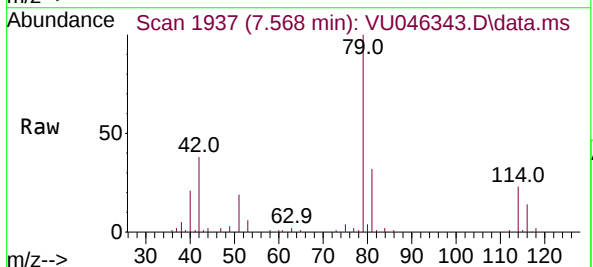
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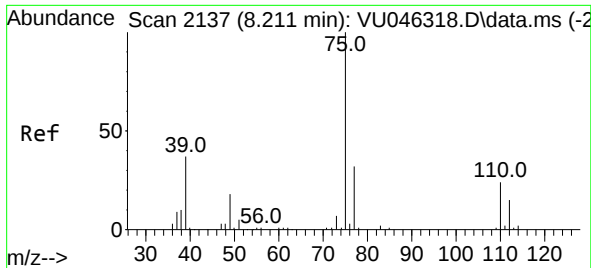
Tgt Ion: 75 Resp: 1565

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#

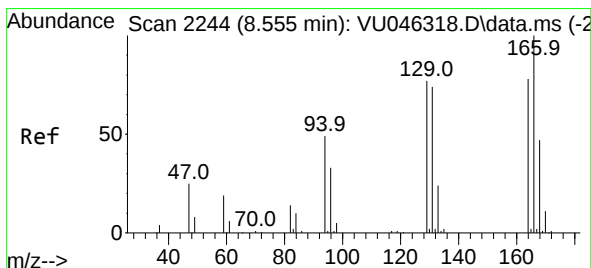
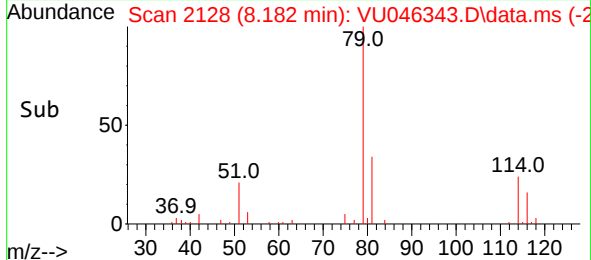
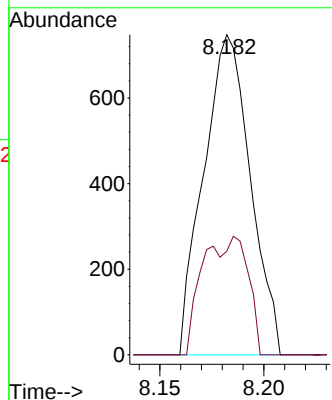
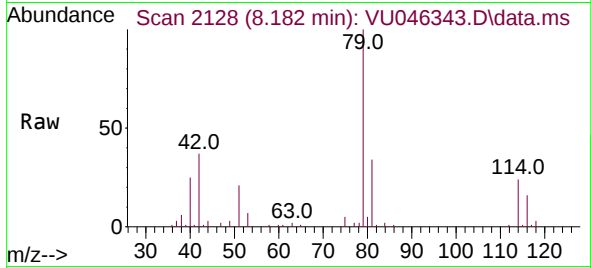




#44
trans-1,3-Dichloropropene
Concen: 0.645 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

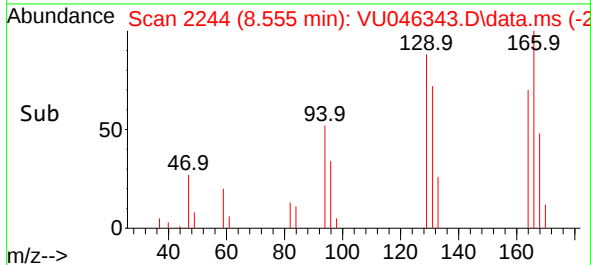
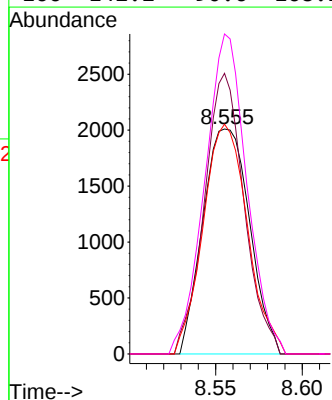
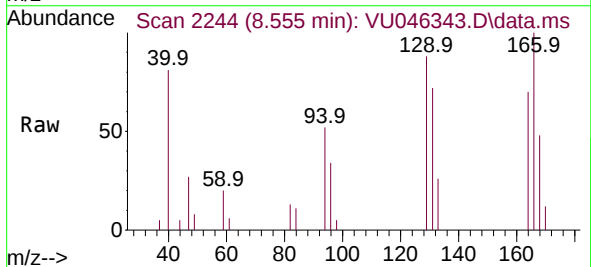
Instrument :
MSVOA_W
ClientSampleId :

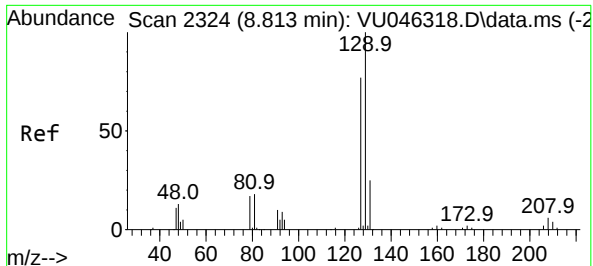
Tgt Ion: 75 Resp: 1168
Ion Ratio Lower Upper
75 100
77 32.4 21.7 40.3



#46
Tetrachloroethene
Concen: 4.207 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

Tgt Ion: 164 Resp: 3767
Ion Ratio Lower Upper
164 100
129 124.7 71.1 132.1
131 102.1 67.8 126.0
166 142.2 90.6 168.2





#49

Dibromochloromethane

Concen: 3.129 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046343.D

Acq: 14 Dec 2021 01:42

Instrument :

MSVOA_W

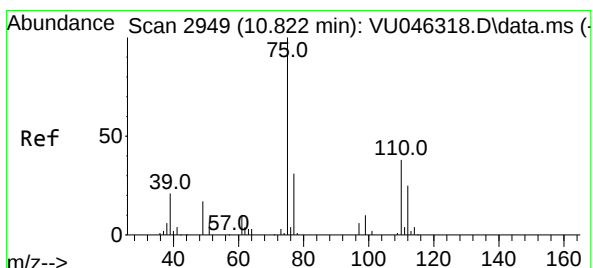
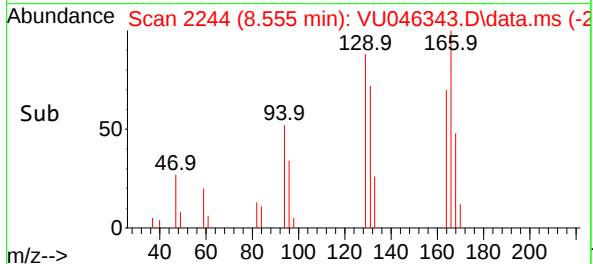
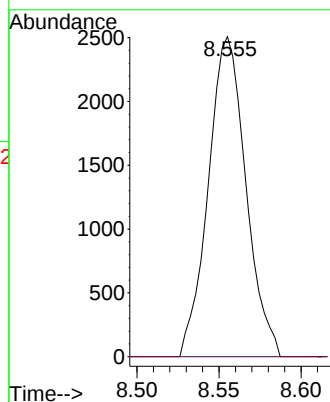
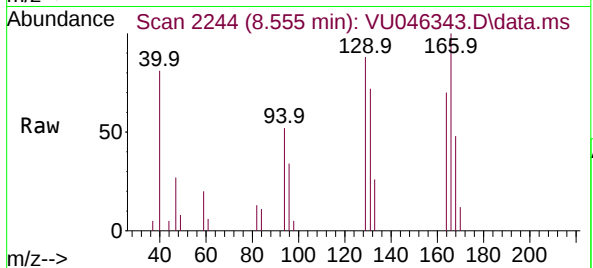
ClientSampleId :

Tgt Ion:129 Resp: 3994

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.583 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU046343.D

Acq: 14 Dec 2021 01:42

Tgt Ion: 75 Resp: 9333

Ion Ratio Lower Upper

75 100

77 31.0 26.4 39.6

110 1.8 32.4 48.6#

