

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_U
 ClientSampleId :

Quant Time: Dec 14 03:57:09 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)

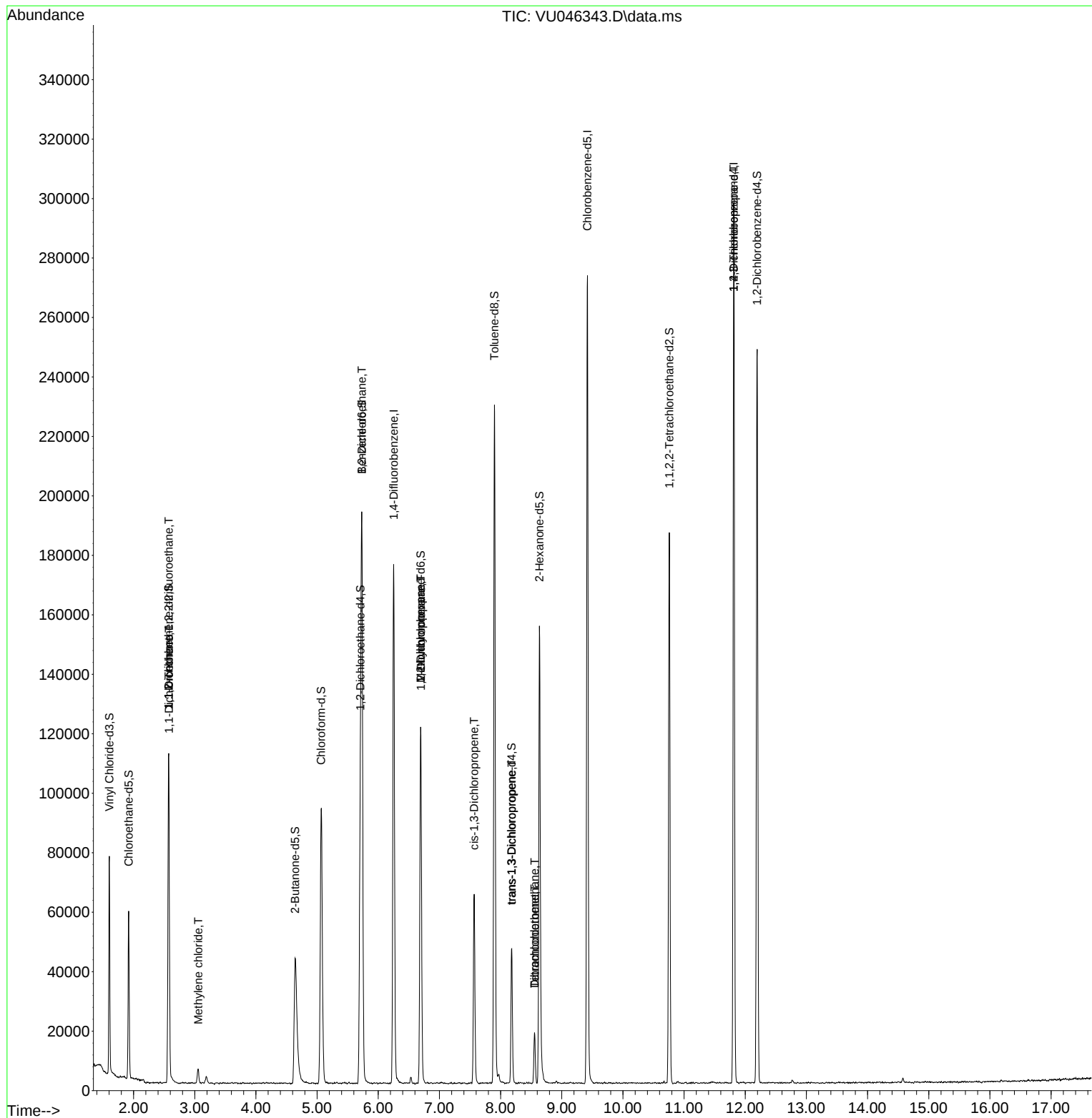
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143170	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76263	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51322	43.517	ug/L	0.00
Spiked Amount 50.000	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
16) Methylene chloride	3.057	84	2453	2.083	ug/L	90
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

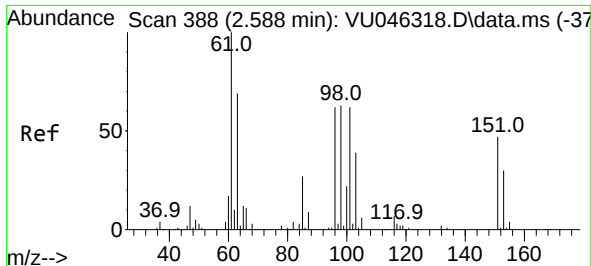
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 14 03:19:41 2021
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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

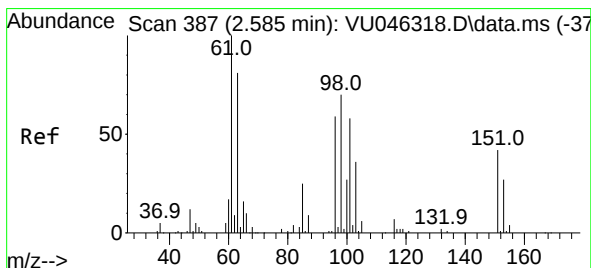
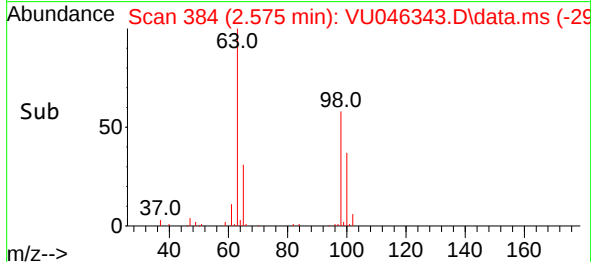
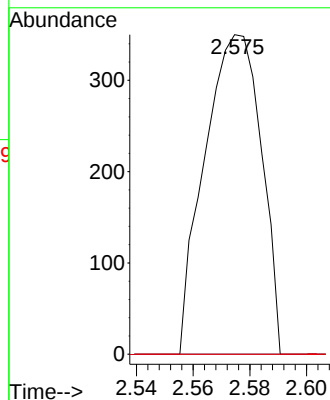
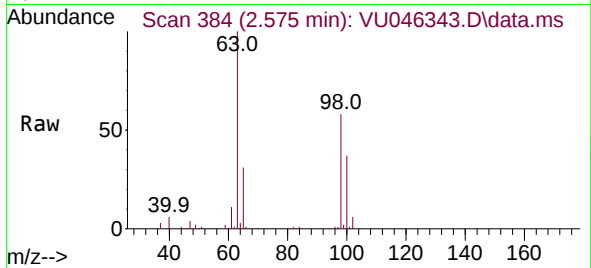
Acq: 14 Dec 2021 01:42

Instrument :

MSVOA_U

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

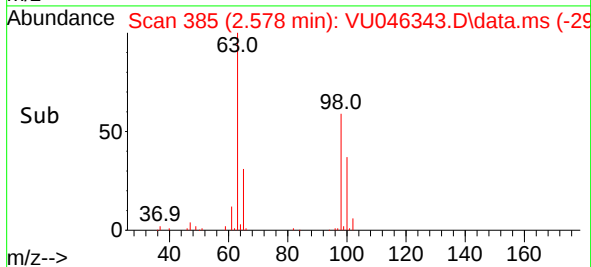
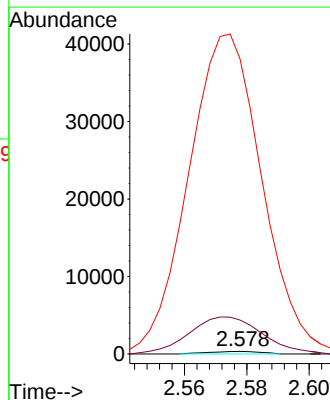
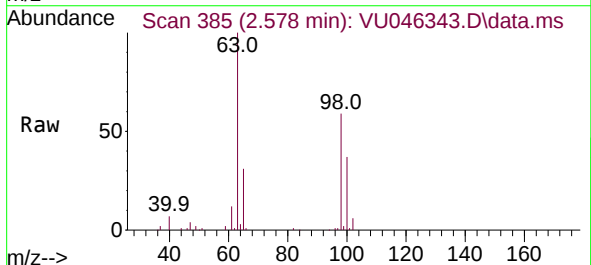
RT: 2.578 min Scan# 385

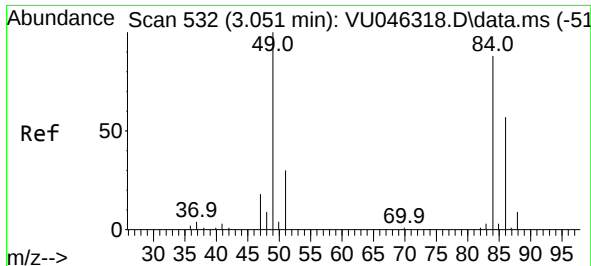
Delta R.T. -0.007 min

Lab File: VU046343.D

Acq: 14 Dec 2021 01:42

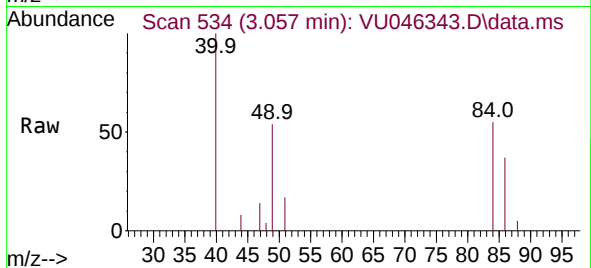
Tgt Ion:	96	Resp:	387
Ion	Ratio	Lower	Upper
96	100		
61	1326.0	118.6	220.2#
63	11506.9	93.0	172.8#



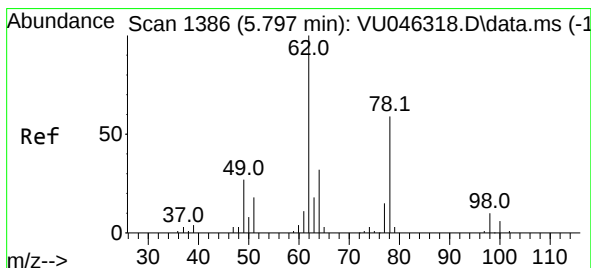
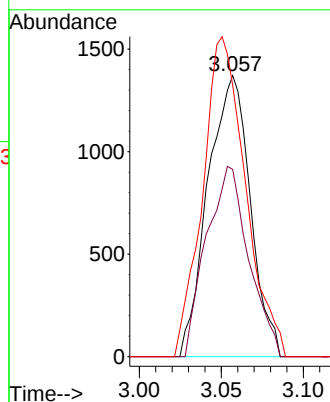
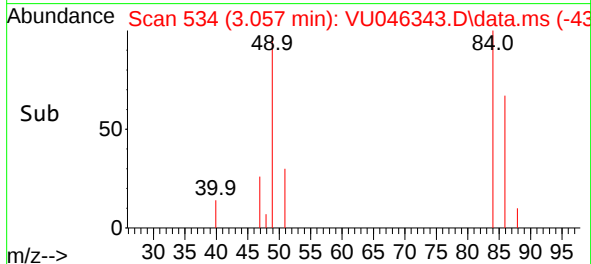


#16
Methylene chloride
Concen: 2.083 ug/L
RT: 3.057 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

Instrument :
MSVOA_U
ClientSampleId :

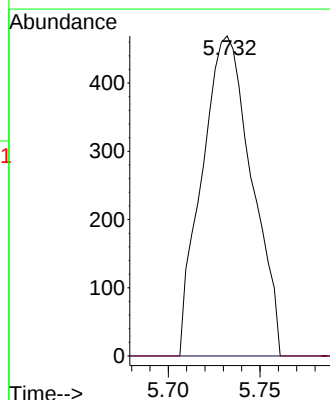
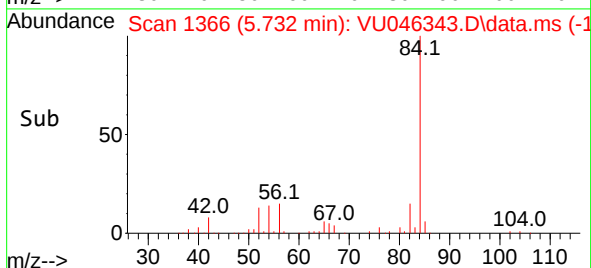
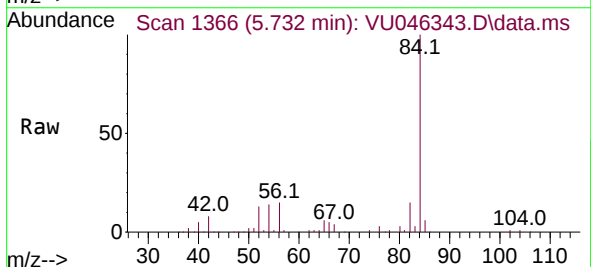


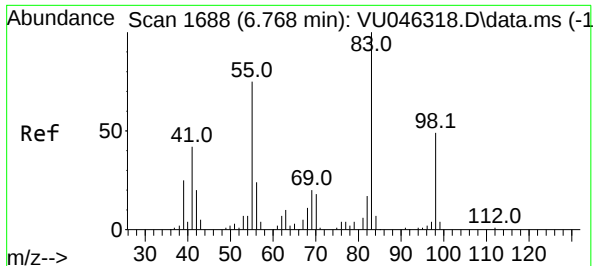
Tgt Ion: 84 Resp: 2453
Ion Ratio Lower Upper
84 100
86 66.7 44.7 83.1
49 96.6 78.4 145.6



#27
1,2-Dichloroethane
Concen: 0.564 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.065 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

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

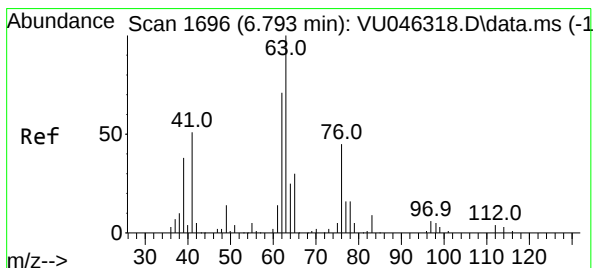
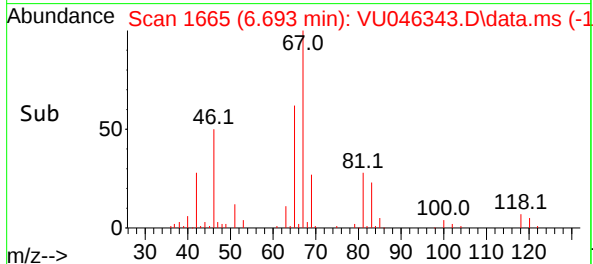
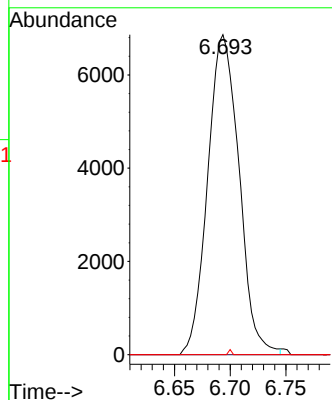
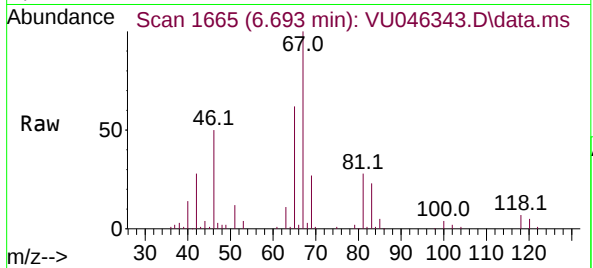




#35
Methylcyclohexane
Concen: 7.123 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

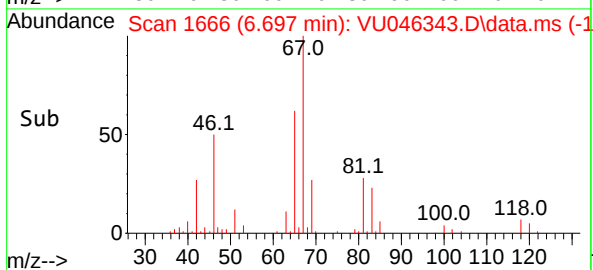
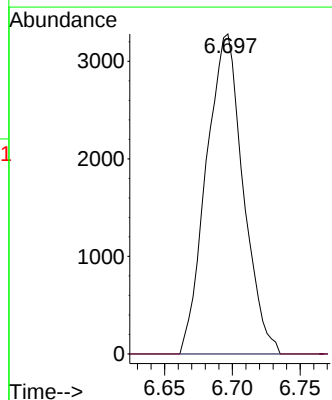
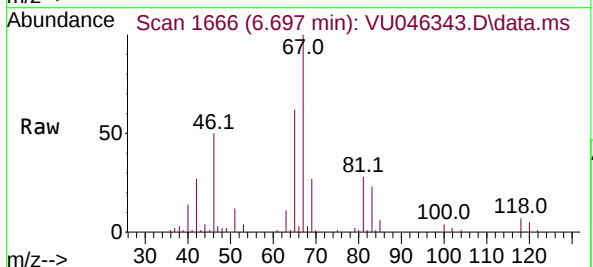
Instrument :
MSVOA_U
ClientSampleId :

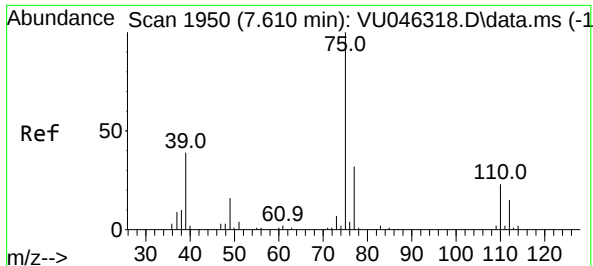
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	4.4	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.125 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

Tgt 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# 1950

Delta R.T. -0.042 min

Lab File: VU046343.D

Acq: 14 Dec 2021 01:42

Instrument :

MSVOA_U

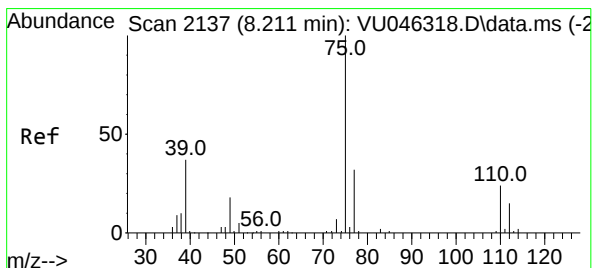
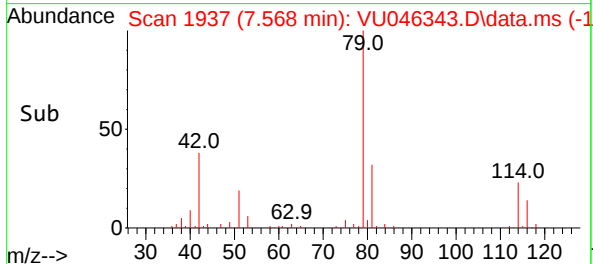
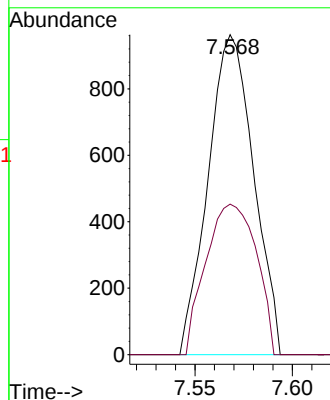
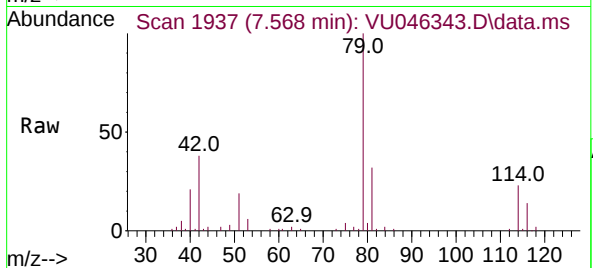
ClientSampleId :

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# 2128

Delta R.T. -0.029 min

Lab File: VU046343.D

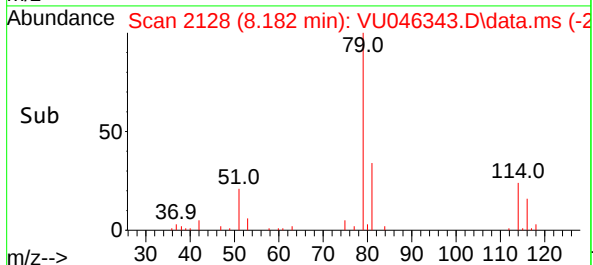
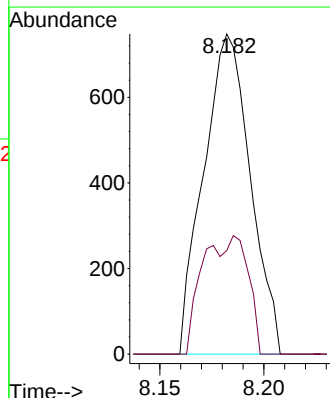
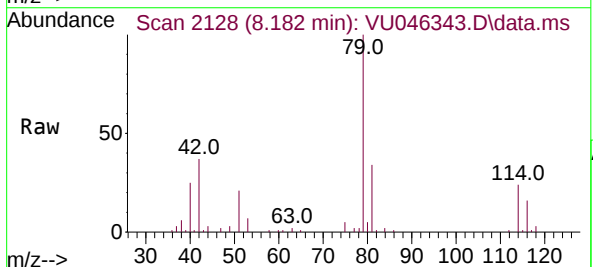
Acq: 14 Dec 2021 01:42

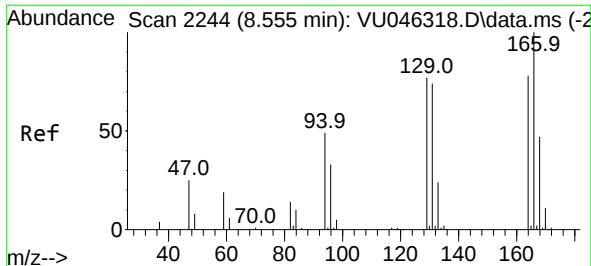
Tgt Ion: 75 Resp: 1168

Ion Ratio Lower Upper

75 100

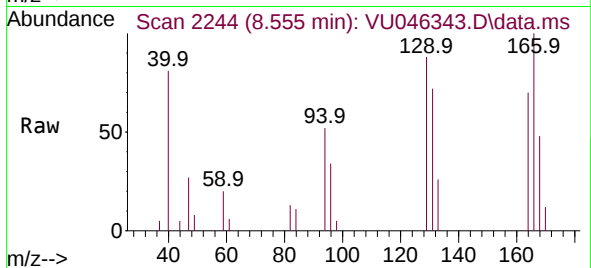
77 32.4 21.7 40.3



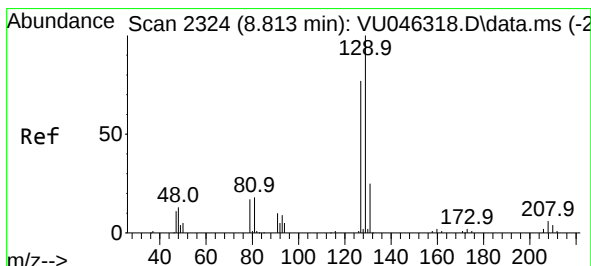
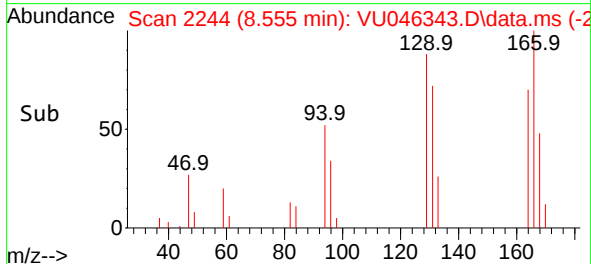
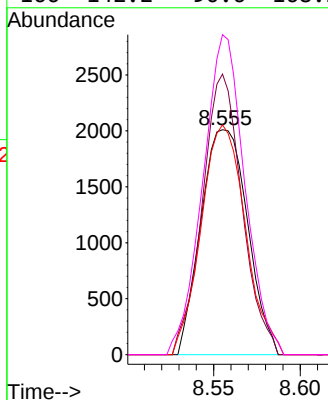


#46
Tetrachloroethene
Concen: 4.207 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

Instrument :
MSVOA_U
ClientSampleId :

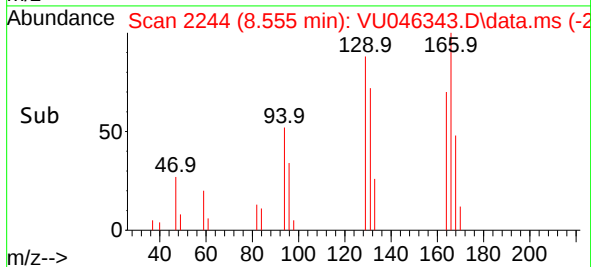
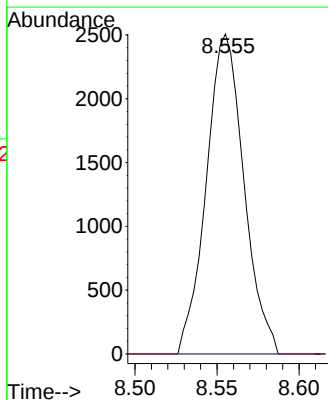
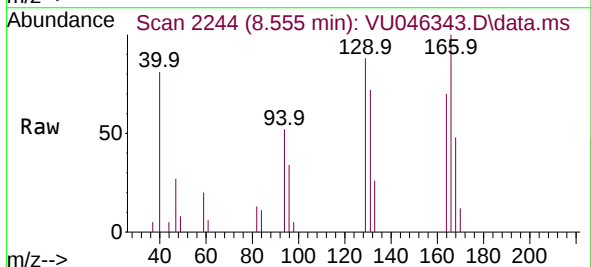


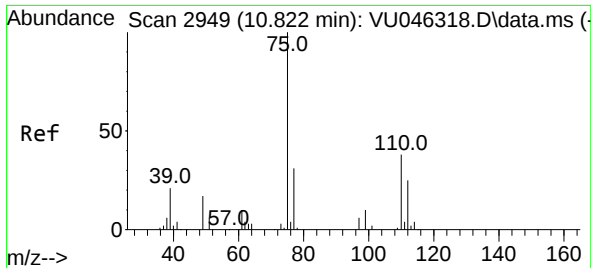
Tgt Ion:164 Resp: 3767
Ion Ratio Lower Upper
164 100
129 124.7 71.1 132.1
131 102.1 67.8 126.0
166 142.2 90.6 168.2



#49
Dibromochloromethane
Concen: 3.129 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046343.D
Acq: 14 Dec 2021 01:42

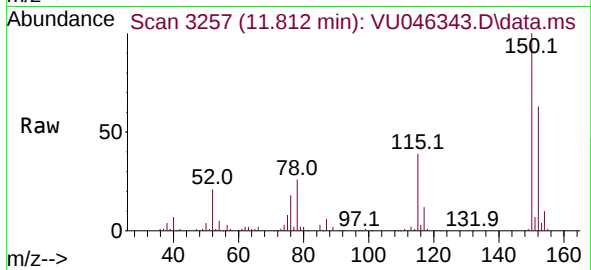
Tgt Ion:129 Resp: 3994
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.583 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046343.D
 Acq: 14 Dec 2021 01:42

Instrument :
 MSVOA_U
 ClientSampleId :



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#

