

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046474.D
 Acq On : 17 Dec 2021 16:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:29:45 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)

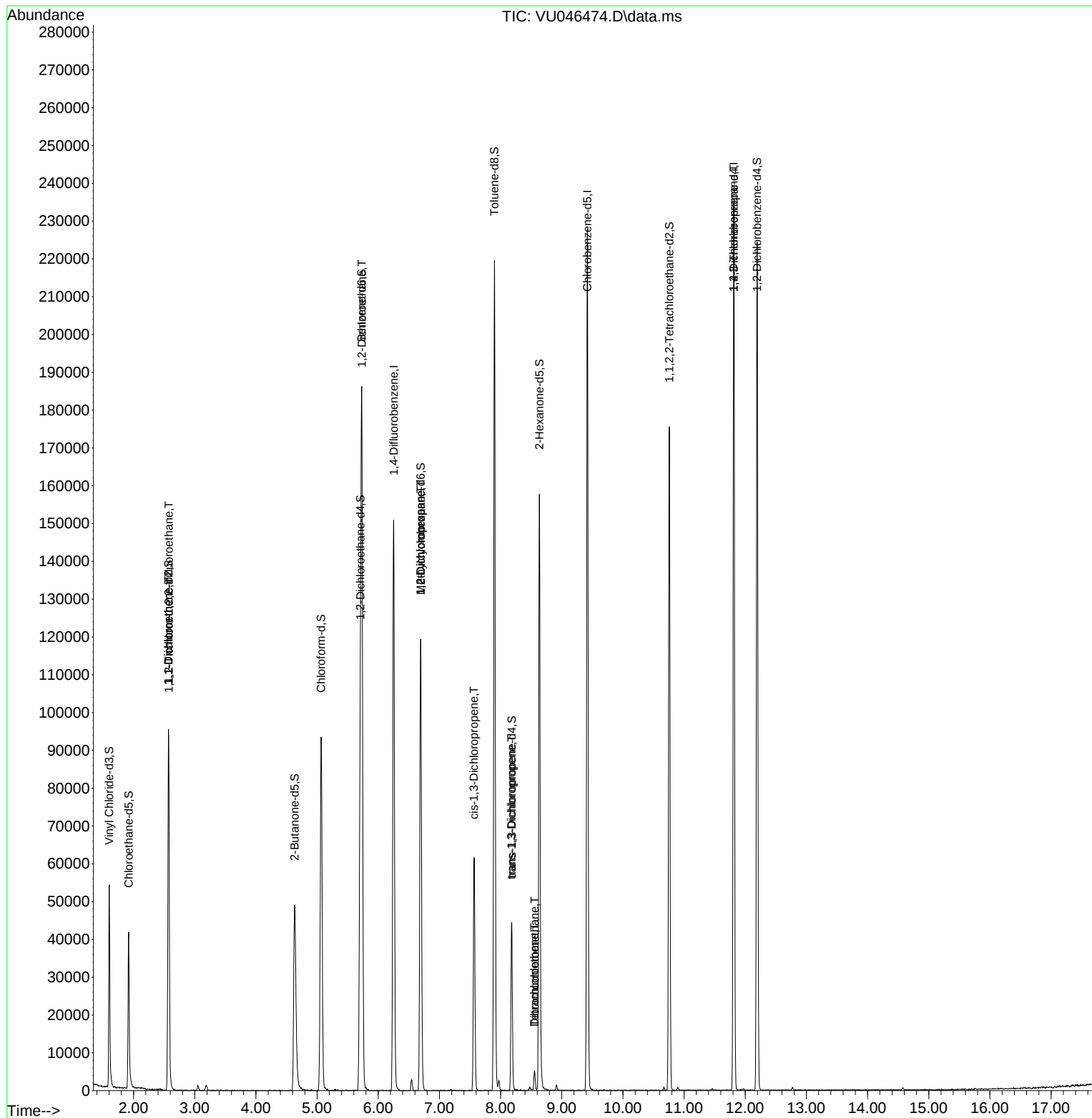
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	123550	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	126687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41977	41.245	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.500%		
7) Chloroethane-d5	1.919	69	33636	43.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.100%		
11) 1,1-Dichloroethene-d2	2.572	63	57179	31.296	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.600%		
21) 2-Butanone-d5	4.633	46	76595	94.672	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.670%		
24) Chloroform-d	5.067	84	89014	52.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.740%		
26) 1,2-Dichloroethane-d4	5.707	65	61572	53.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.960%		
32) Benzene-d6	5.729	84	169659	46.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.440%		
36) 1,2-Dichloropropane-d6	6.694	67	56360	50.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.160%		
41) Toluene-d8	7.899	98	143039	43.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.540%		
43) trans-1,3-Dichloroprop...	8.182	79	25774	47.445	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.900%		
47) 2-Hexanone-d5	8.636	63	56476	105.847	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.850%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84415	49.464	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.920%		
66) 1,2-Dichlorobenzene-d4	12.195	152	57217	48.417	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	435	0.484	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	341	0.399	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1044	0.770	ug/L #	73
35) Methylcyclohexane	6.694	83	14085	8.993	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6609	6.580	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1666	1.090	ug/L #	65
44) trans-1,3-Dichloropropene	8.179	75	1055	0.703	ug/L #	79
46) Tetrachloroethene	8.552	164	1180	1.590	ug/L	87
49) Dibromochloromethane	8.555	129	991	0.936	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	7143	5.310	ug/L #	66

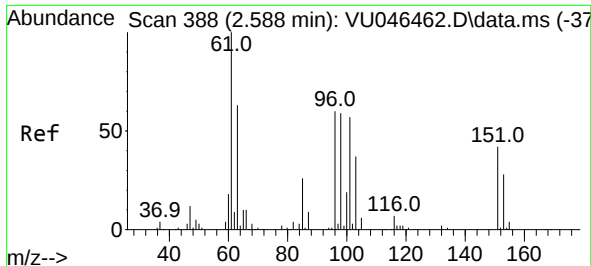
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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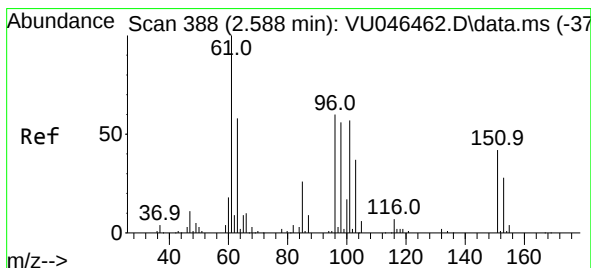
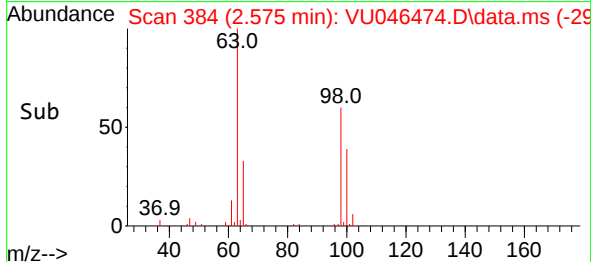
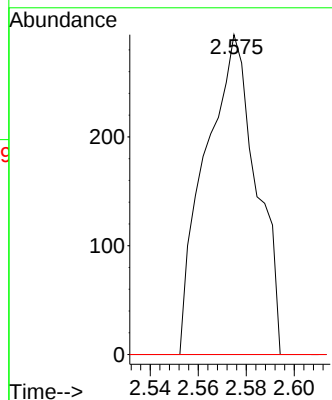
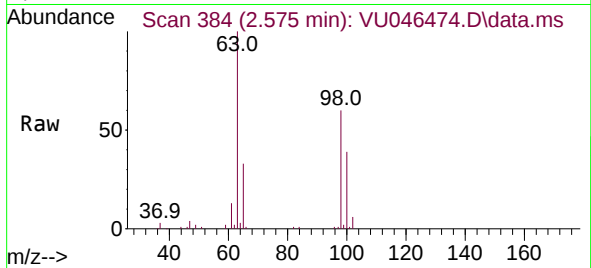




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.484 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU046474.D
 Acq: 17 Dec 2021 16:03

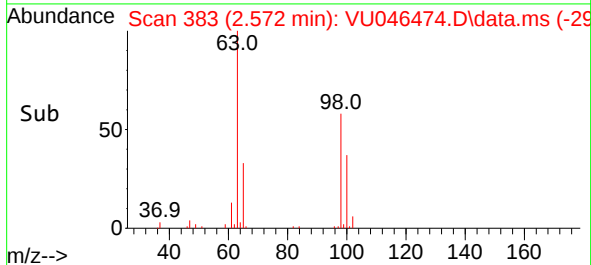
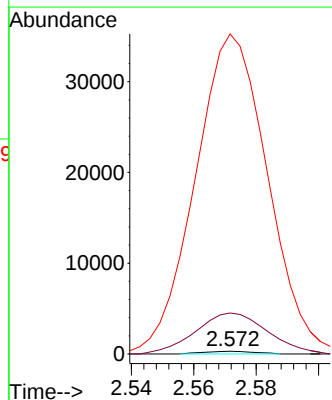
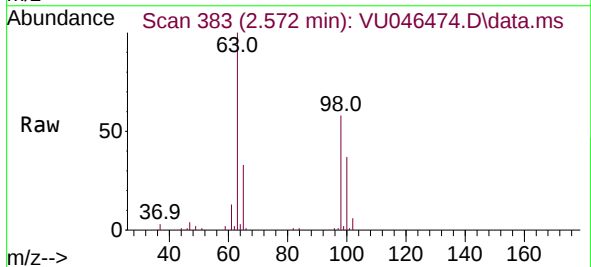
Instrument :
 MSVOA_U
 ClientSampleId :

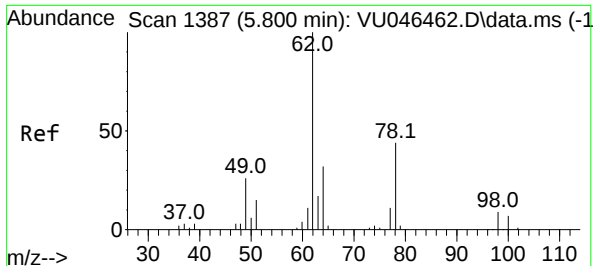
Tgt Ion:101 Resp: 435
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.399 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046474.D
 Acq: 17 Dec 2021 16:03

Tgt Ion: 96 Resp: 341
 Ion Ratio Lower Upper
 96 100
 61 1542.0 118.6 220.2#
 63 12032.8 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.770 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU046474.D

Acq: 17 Dec 2021 16:03

Instrument :

MSVOA_U

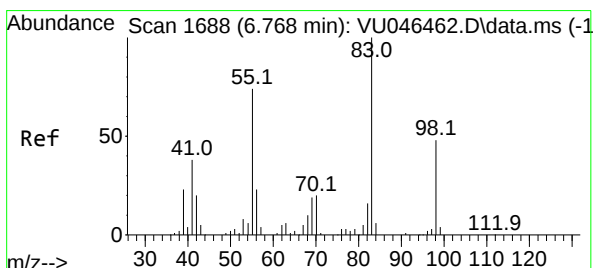
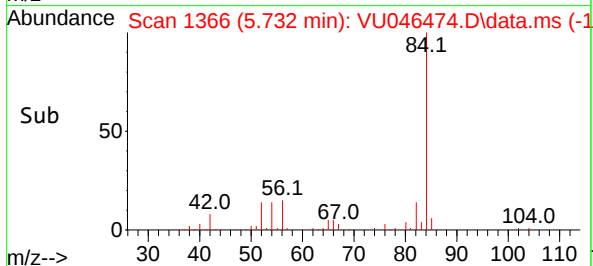
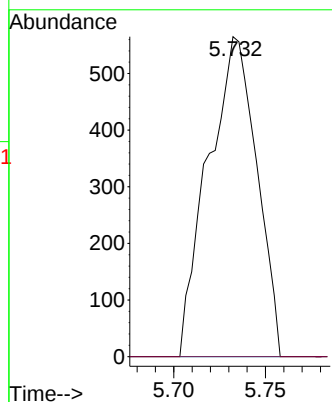
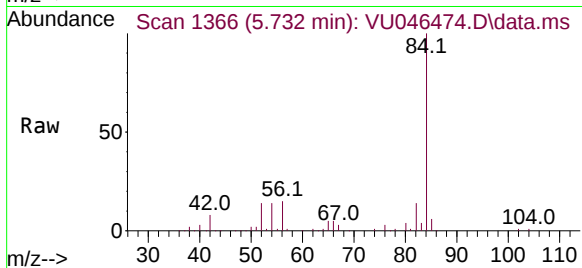
ClientSampleId :

Tgt Ion: 62 Resp: 1044

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.993 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046474.D

Acq: 17 Dec 2021 16:03

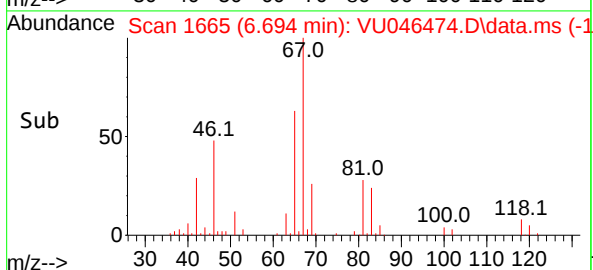
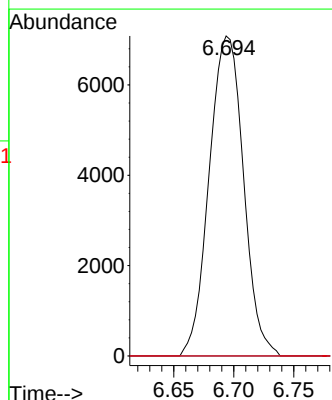
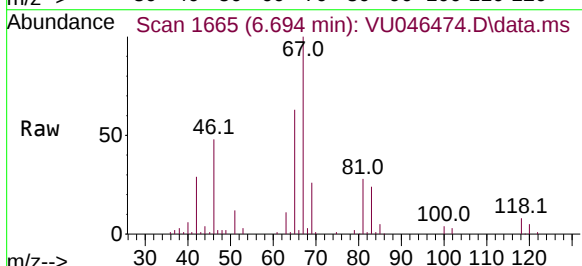
Tgt Ion: 83 Resp: 14085

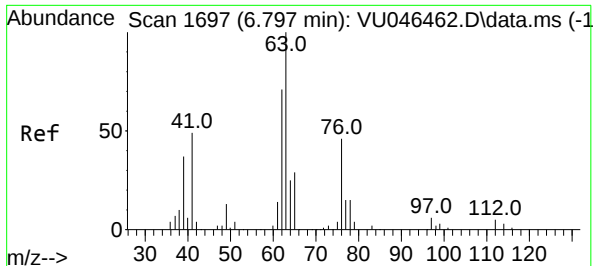
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.580 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046474.D

Acq: 17 Dec 2021 16:03

Instrument :

MSVOA_U

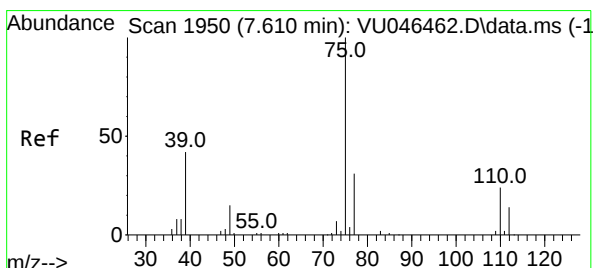
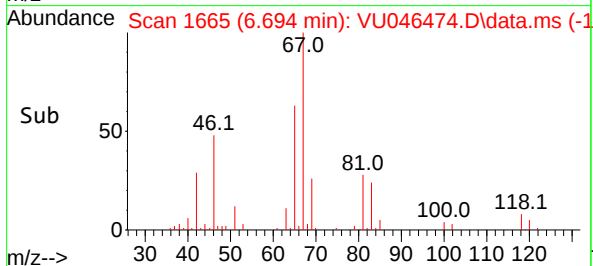
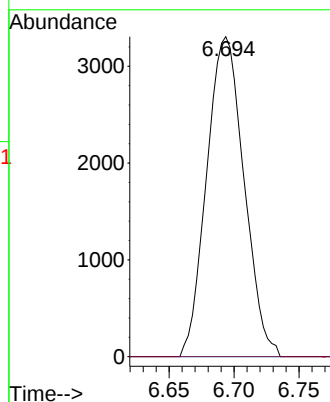
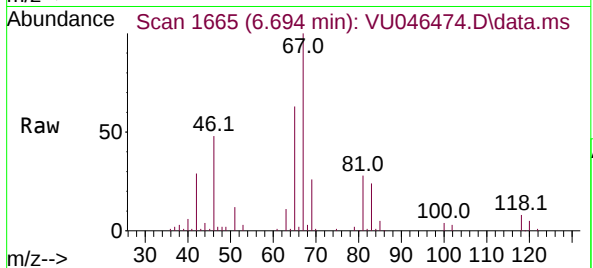
ClientSampleId :

Tgt Ion: 63 Resp: 6609

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.090 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046474.D

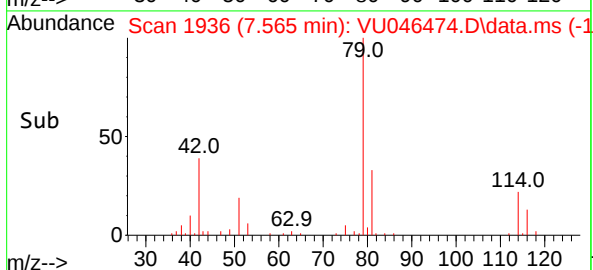
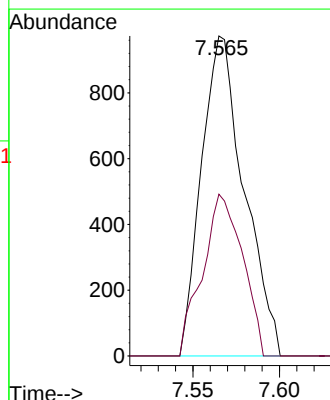
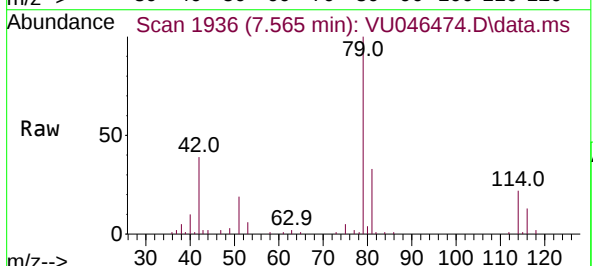
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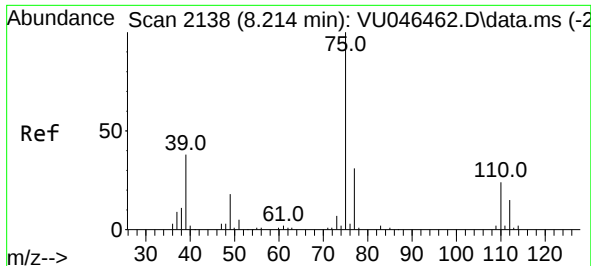
Tgt Ion: 75 Resp: 1666

Ion Ratio Lower Upper

75 100

77 50.6 21.8 40.6#

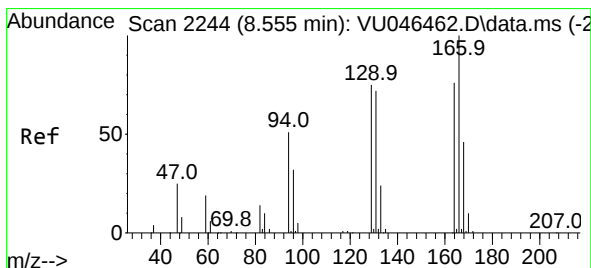
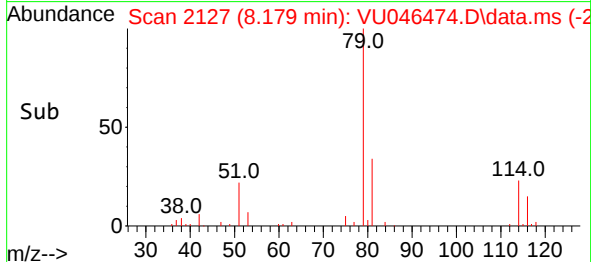
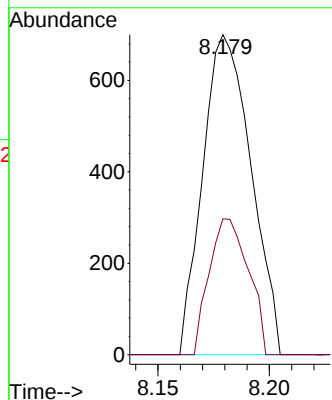
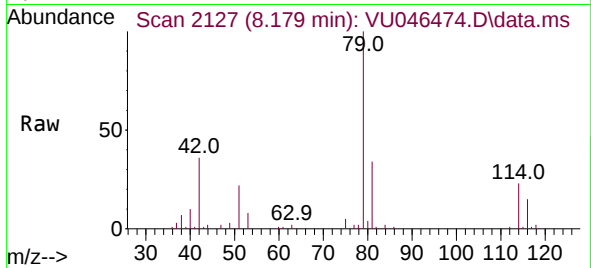




#44
trans-1,3-Dichloropropene
Concen: 0.703 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046474.D
Acq: 17 Dec 2021 16:03

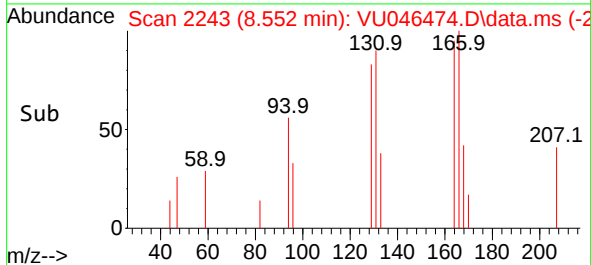
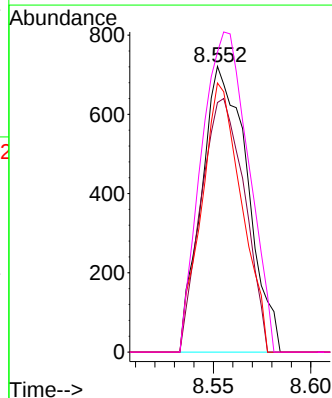
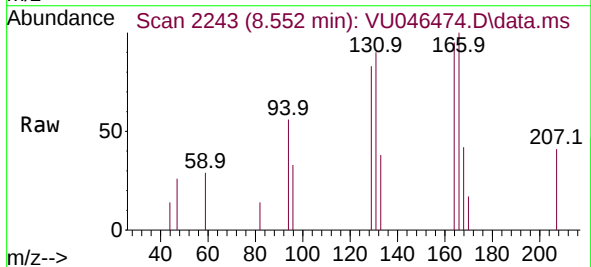
Instrument :
MSVOA_U
ClientSampleId :

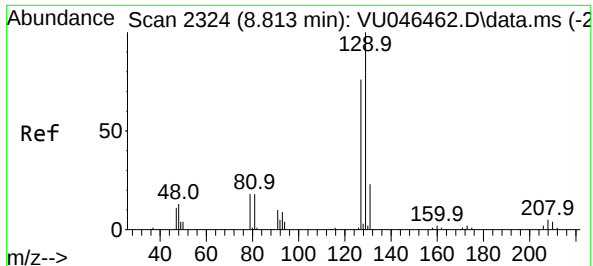
Tgt Ion: 75 Resp: 1055
Ion Ratio Lower Upper
75 100
77 42.4 21.7 40.3#



#46
Tetrachloroethene
Concen: 1.590 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046474.D
Acq: 17 Dec 2021 16:03

Tgt Ion:164 Resp: 1180
Ion Ratio Lower Upper
164 100
129 87.4 71.1 132.1
131 94.2 67.8 126.0
166 105.0 90.6 168.2





#49

Dibromochloromethane

Concen: 0.936 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU046474.D

Acq: 17 Dec 2021 16:03

Instrument :

MSVOA_U

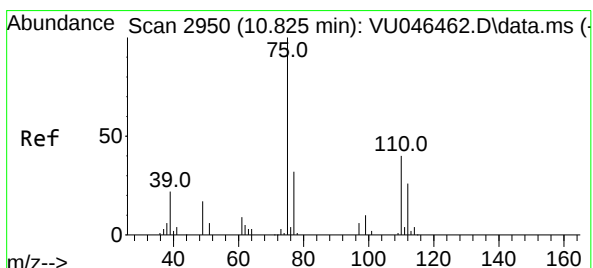
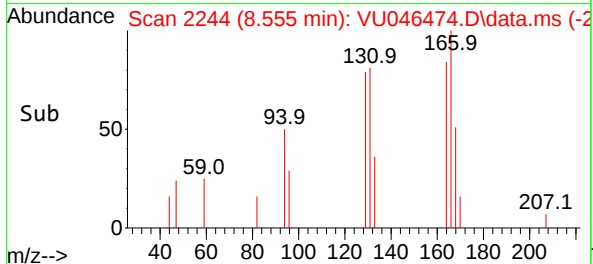
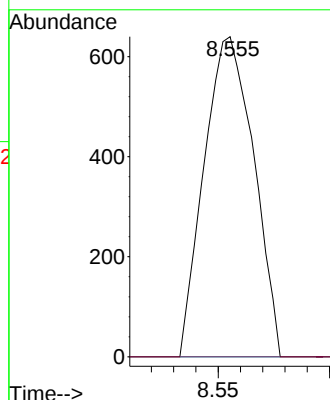
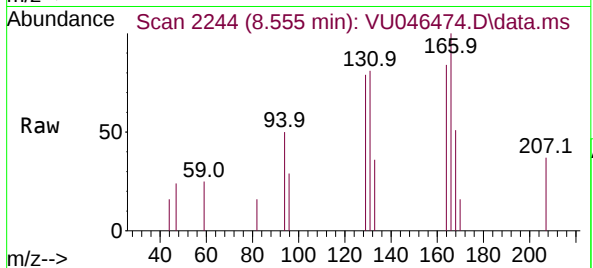
ClientSampleId :

Tgt Ion:129 Resp: 991

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.310 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046474.D

Acq: 17 Dec 2021 16:03

Tgt Ion: 75 Resp: 7143

Ion Ratio Lower Upper

75 100

77 32.7 26.4 39.6

110 1.9 32.4 48.6#

