

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046476.D
 Acq On : 17 Dec 2021 16:49
 Operator : SY/MD
 Sample : M5066-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

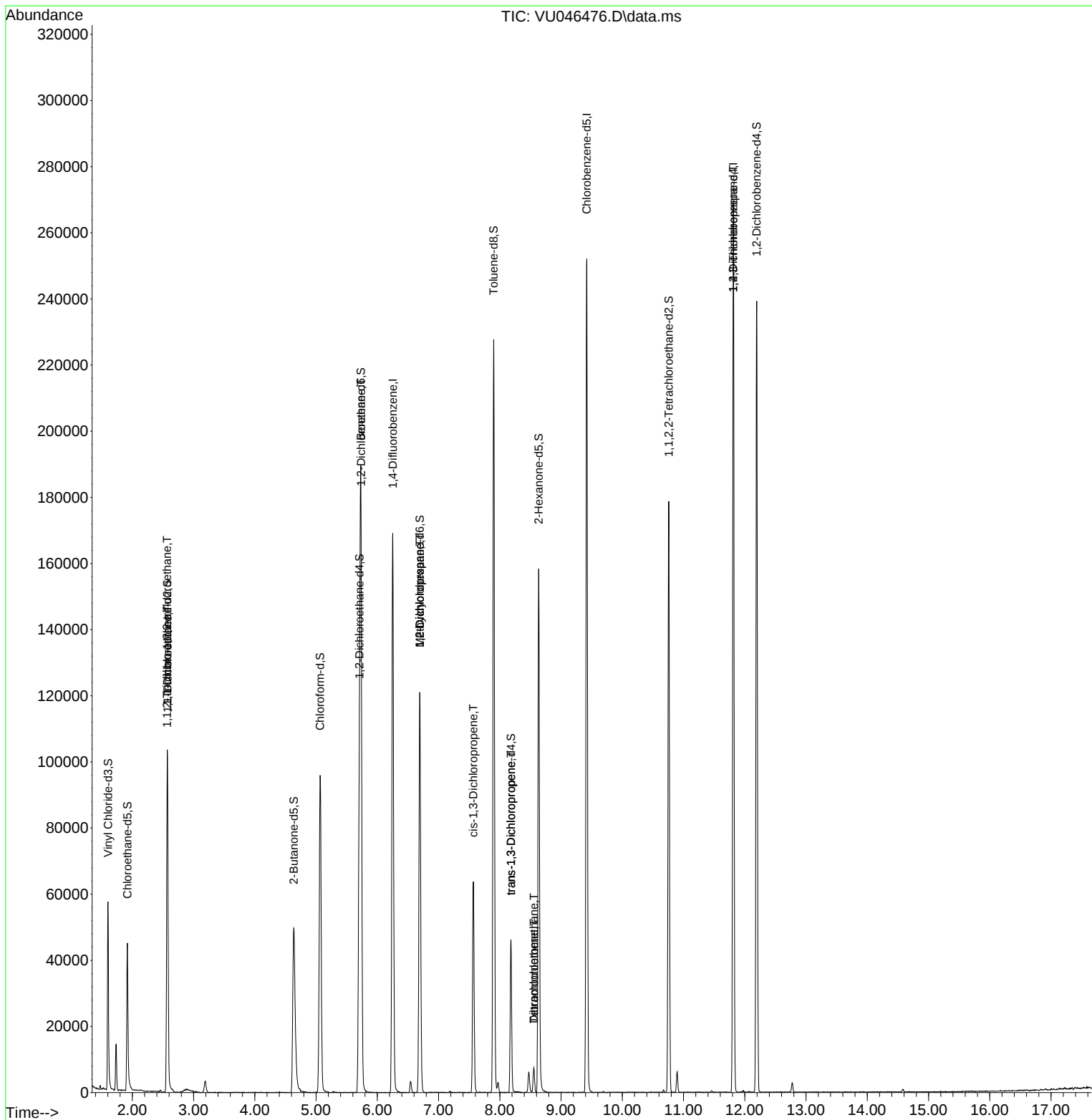
Quant Time: Dec 17 23:30:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

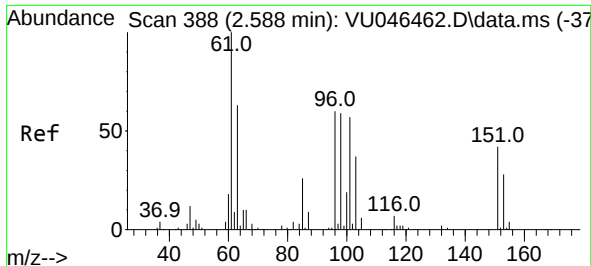
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	136692	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	140120	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69196	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45030	39.991	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.980%		
7) Chloroethane-d5	1.919	69	37169	42.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.980%		
11) 1,1-Dichloroethene-d2	2.571	63	61917	30.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.260%		
21) 2-Butanone-d5	4.636	46	76606	85.582	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.580%		
24) Chloroform-d	5.067	84	91897	48.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
26) 1,2-Dichloroethane-d4	5.706	65	62098	49.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.420%		
32) Benzene-d6	5.732	84	176534	43.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.920%		
36) 1,2-Dichloropropane-d6	6.694	67	56405	45.318	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.640%		
41) Toluene-d8	7.899	98	151314	41.381	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.760%		
43) trans-1,3-Dichloroprop...	8.182	79	25904	43.113	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.220%		
47) 2-Hexanone-d5	8.636	63	57655	97.698	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.700%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85012	45.038	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.080%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60343	45.282	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.560%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	477	0.480	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	377	0.399	ug/L #	1
27) 1,2-Dichloroethane	5.735	62	878	0.586	ug/L #	73
35) Methylcyclohexane	6.694	83	13710	7.914	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6284	5.657	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1655	0.979	ug/L #	55
44) trans-1,3-Dichloropropene	8.182	75	1214	0.731	ug/L	84
46) Tetrachloroethene	8.555	164	1664	2.027	ug/L	92
49) Dibromochloromethane	8.555	129	1562	1.335	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	8158	5.378	ug/L #	65

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

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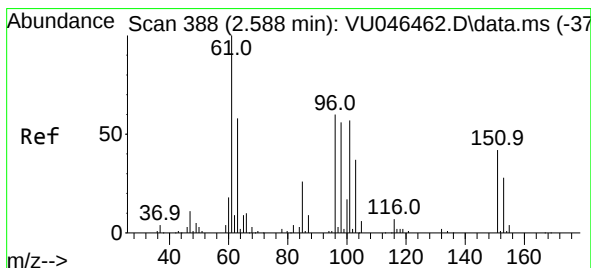
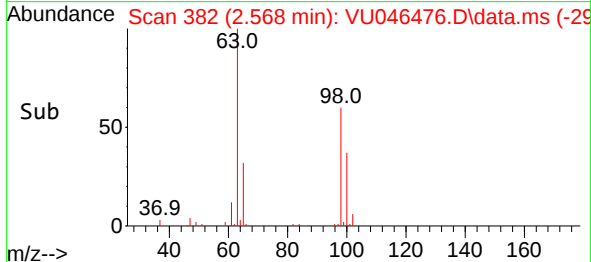
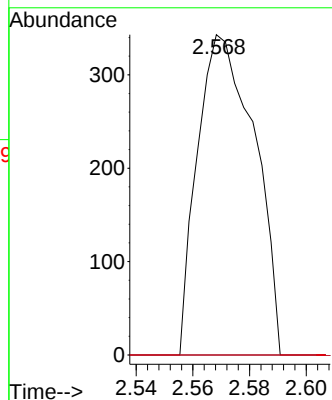
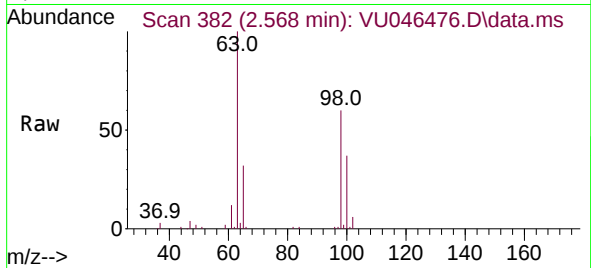




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.480 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU046476.D
 Acq: 17 Dec 2021 16:49

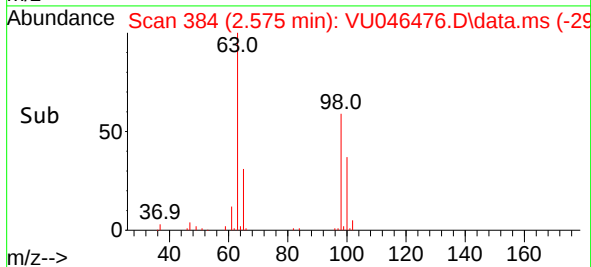
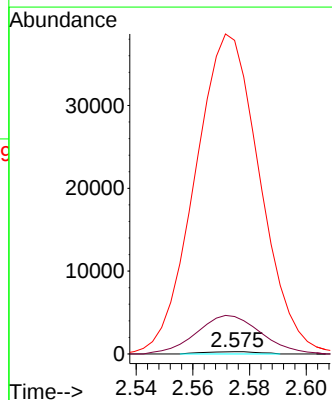
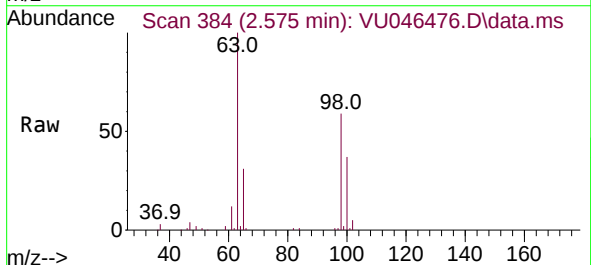
Instrument :
 MSVOA_U
 ClientSampleId :

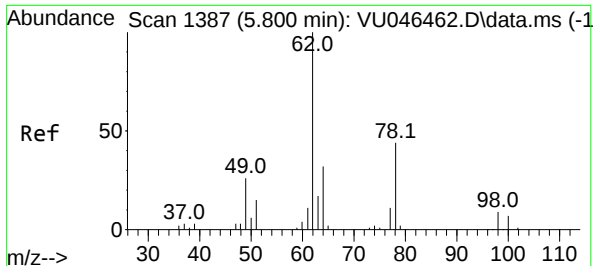
Tgt Ion:101 Resp: 477
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.399 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046476.D
 Acq: 17 Dec 2021 16:49

Tgt Ion: 96 Resp: 377
 Ion Ratio Lower Upper
 96 100
 61 1674.8 118.6 220.2#
 63 14023.7 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.586 ug/L

RT: 5.735 min Scan# 11

Delta R.T. -0.061 min

Lab File: VU046476.D

Acq: 17 Dec 2021 16:49

Instrument :

MSVOA_U

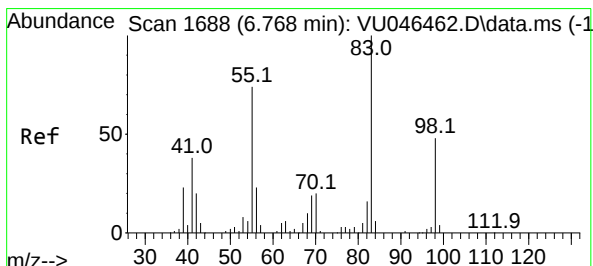
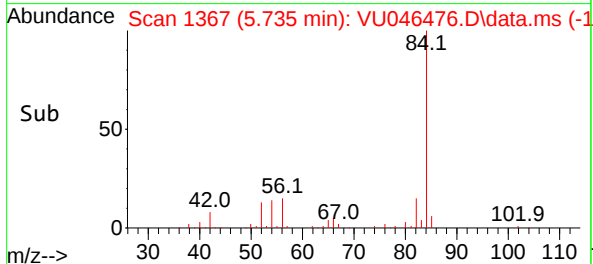
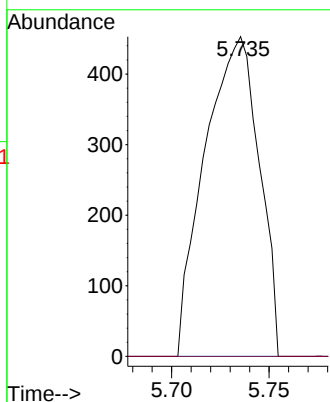
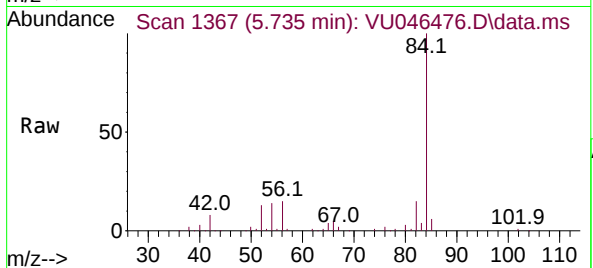
ClientSampleId :

Tgt Ion: 62 Resp: 878

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.914 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046476.D

Acq: 17 Dec 2021 16:49

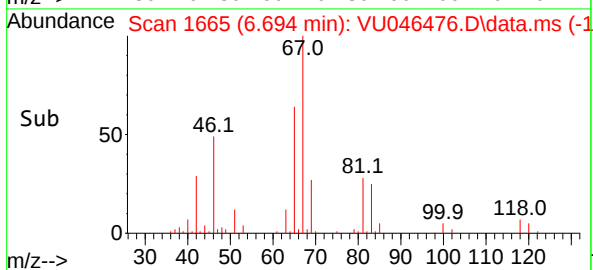
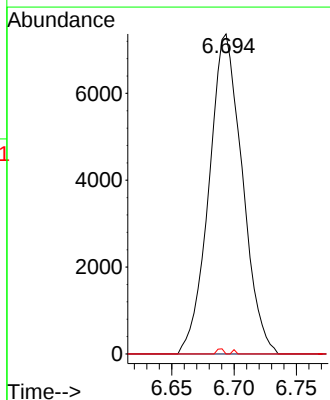
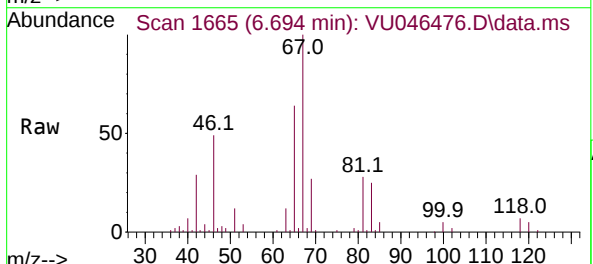
Tgt Ion: 83 Resp: 13710

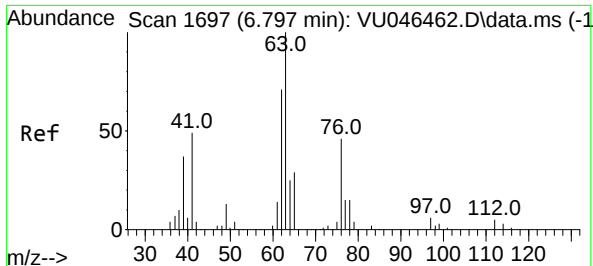
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.657 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046476.D

Acq: 17 Dec 2021 16:49

Instrument :

MSVOA_U

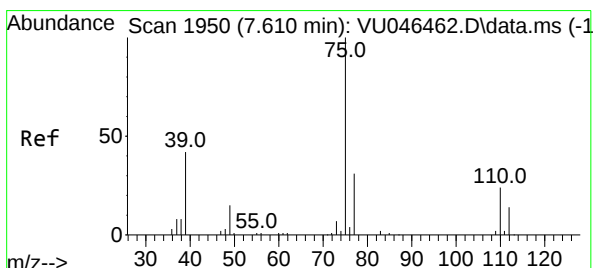
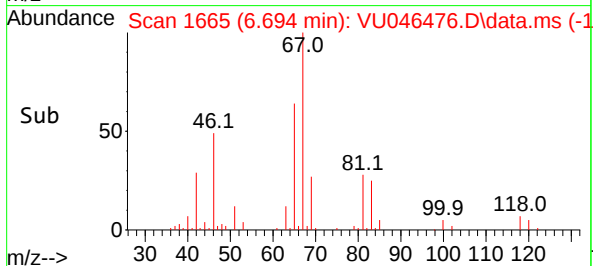
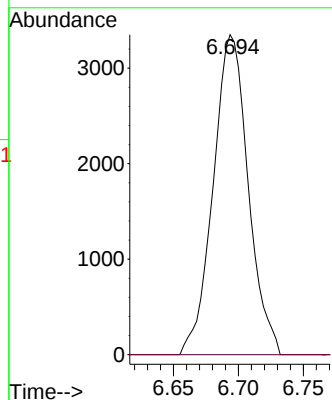
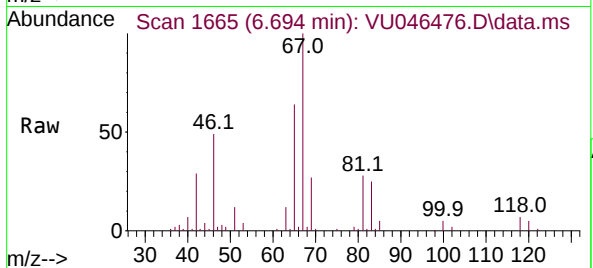
ClientSampleId :

Tgt Ion: 63 Resp: 6284

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046476.D

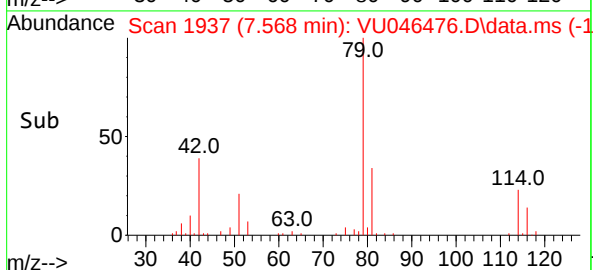
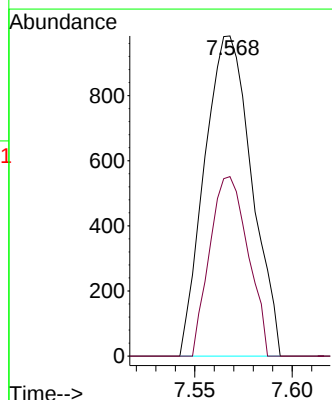
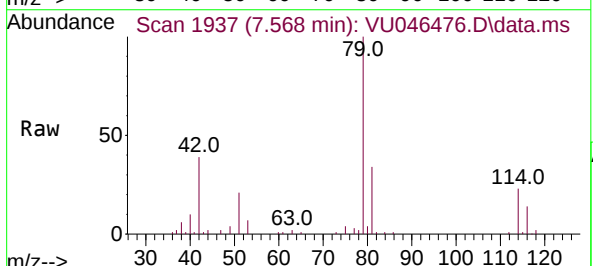
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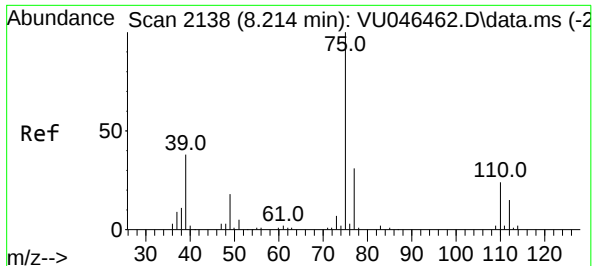
Tgt Ion: 75 Resp: 1655

Ion Ratio Lower Upper

75 100

77 56.1 21.8 40.6#

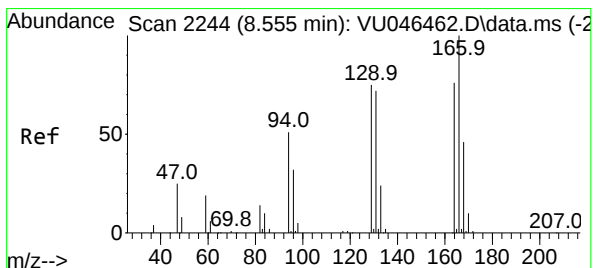
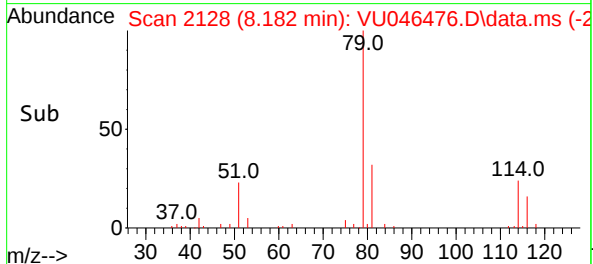
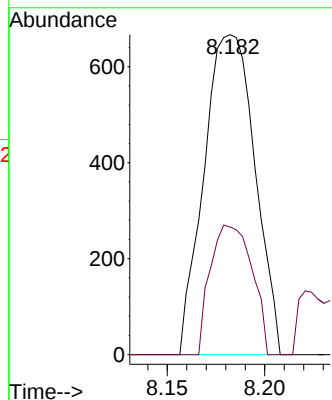
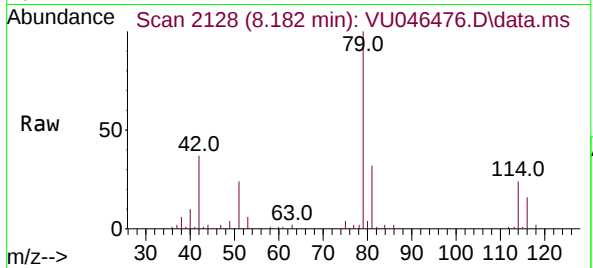




#44
trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.029 min
Lab File: VU046476.D
Acq: 17 Dec 2021 16:49

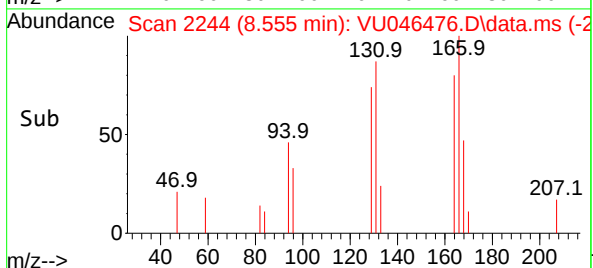
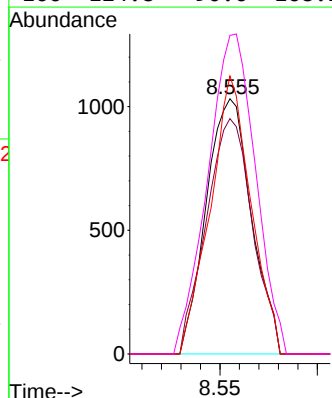
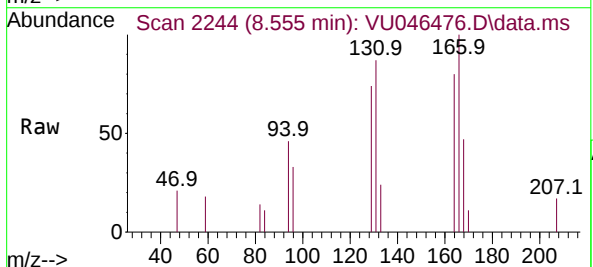
Instrument :
MSVOA_U
ClientSampleId :

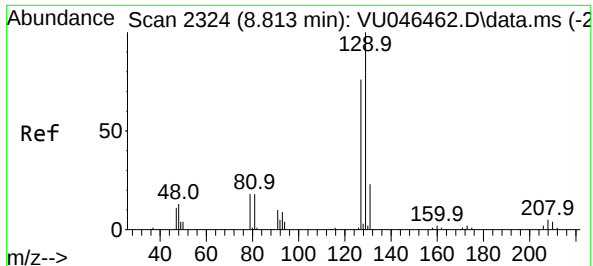
Tgt Ion: 75 Resp: 1214
Ion Ratio Lower Upper
75 100
77 39.9 21.7 40.3



#46
Tetrachloroethene
Concen: 2.027 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046476.D
Acq: 17 Dec 2021 16:49

Tgt Ion: 164 Resp: 1664
Ion Ratio Lower Upper
164 100
129 92.2 71.1 132.1
131 108.9 67.8 126.0
166 124.8 90.6 168.2





#49

Dibromochloromethane

Concen: 1.335 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046476.D

Acq: 17 Dec 2021 16:49

Instrument :

MSVOA_U

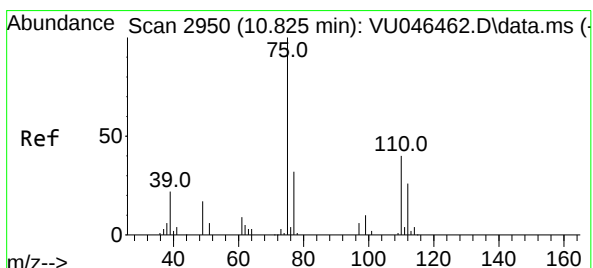
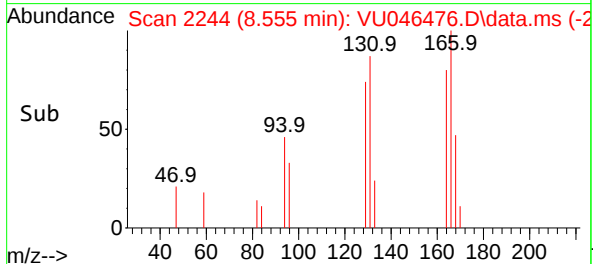
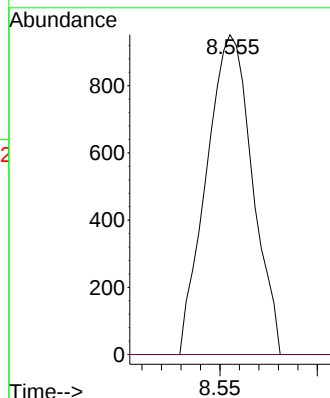
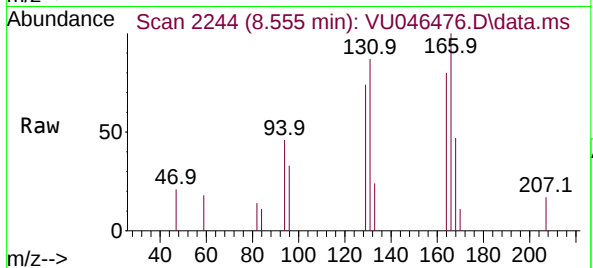
ClientSampleId :

Tgt Ion:129 Resp: 1562

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.378 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046476.D

Acq: 17 Dec 2021 16:49

Tgt Ion: 75 Resp: 8158

Ion Ratio Lower Upper

75 100

77 34.1 26.4 39.6

110 2.4 32.4 48.6#

