

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046368.D
 Acq On : 14 Dec 2021 19:54
 Operator : SY/MD
 Sample : M4997-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5R6

Quant Time: Dec 15 03:44:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

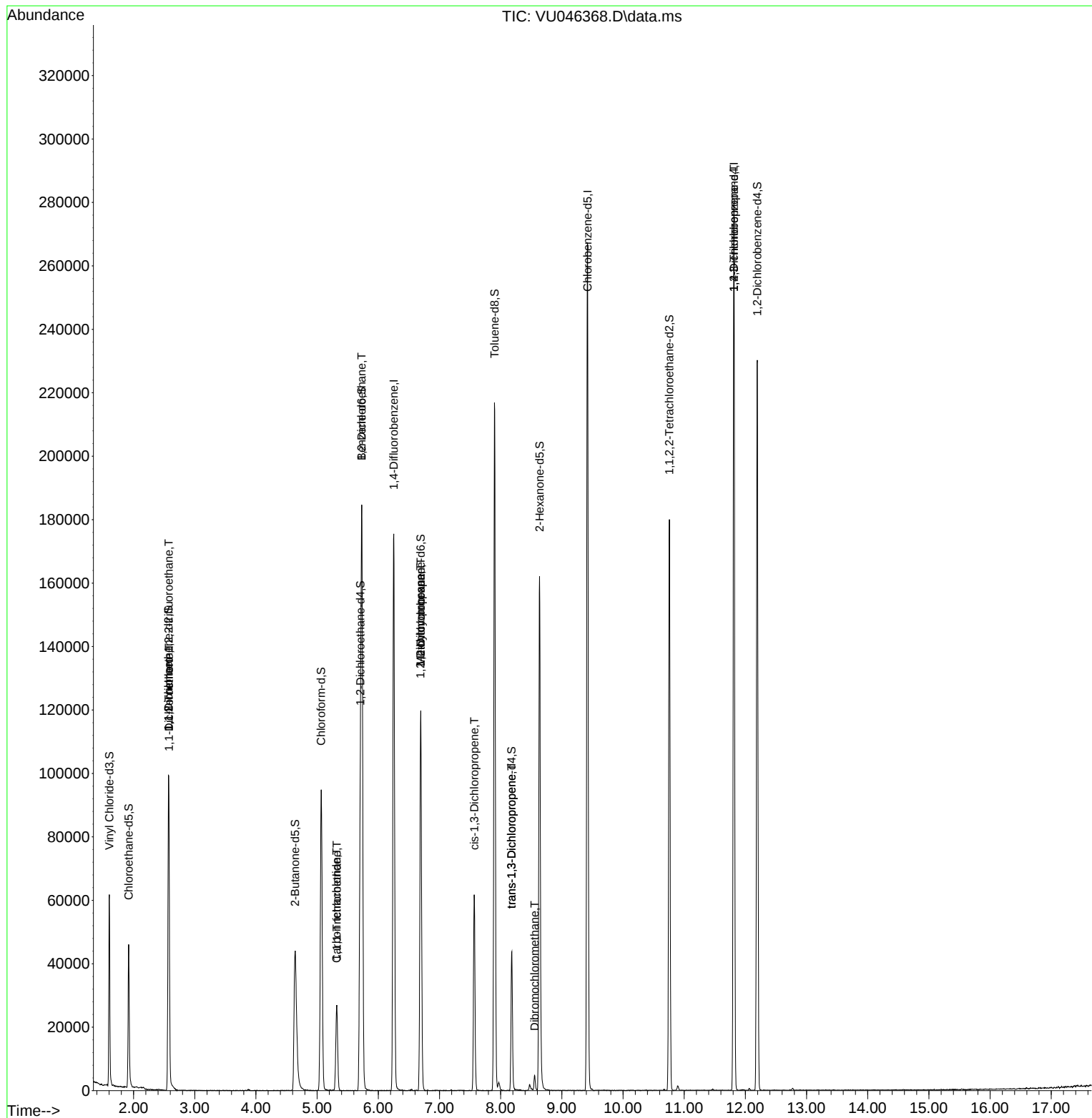
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142331	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44364	37.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.680%		
7) Chloroethane-d5	1.919	69	35400	39.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.640%		
11) 1,1-Dichloroethene-d2	2.572	63	60462	28.726	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.460%#		
21) 2-Butanone-d5	4.642	46	81314	87.243	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.240%		
24) Chloroform-d	5.067	84	90137	46.037	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
26) 1,2-Dichloroethane-d4	5.706	65	60545	46.077	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
32) Benzene-d6	5.729	84	170318	40.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.360%		
36) 1,2-Dichloropropane-d6	6.694	67	55404	42.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.360%		
41) Toluene-d8	7.899	98	142196	36.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.700%#		
43) trans-1,3-Dichloroprop...	8.179	79	25723	40.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.120%		
47) 2-Hexanone-d5	8.636	63	58566	94.032	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.030%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85772	43.055	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.120%		
66) 1,2-Dichlorobenzene-d4	12.195	152	59537	43.395	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.780%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	511	0.493	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	739	0.751	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	880	0.564	ug/L #	73
30) 1,1,1-Trichloroethane	5.321	97	19485	10.734	ug/L	99
31) Carbon tetrachloride	5.317	117	2533	1.644	ug/L	97
35) Methylcyclohexane	6.694	83	13568	7.421	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6174	5.266	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1609	0.902	ug/L #	50
44) trans-1,3-Dichloropropene	8.179	75	1119	0.639	ug/L #	68
49) Dibromochloromethane	8.555	129	869	0.704	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	8538	5.467	ug/L #	65

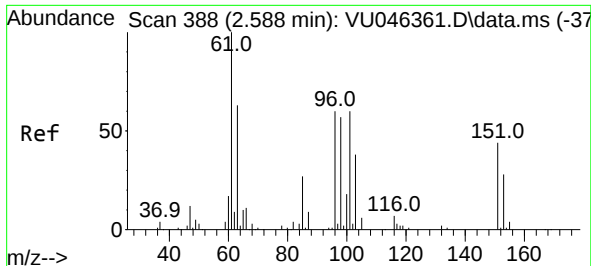
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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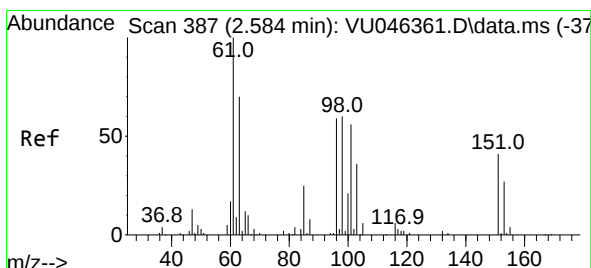
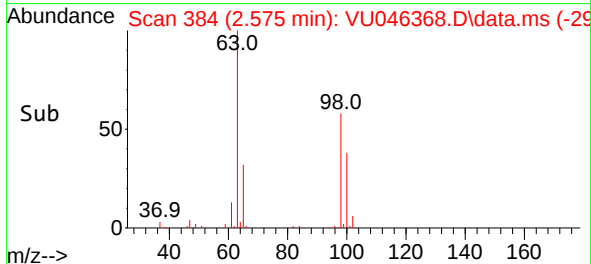
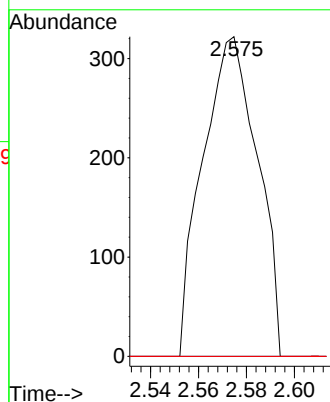
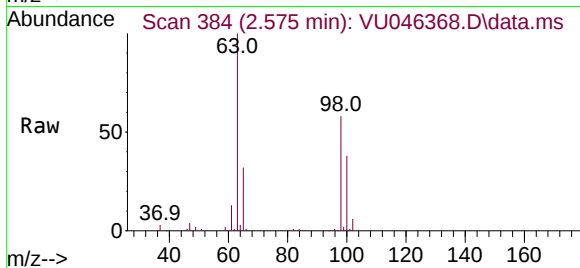




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.493 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046368.D
Acq: 14 Dec 2021 19:54

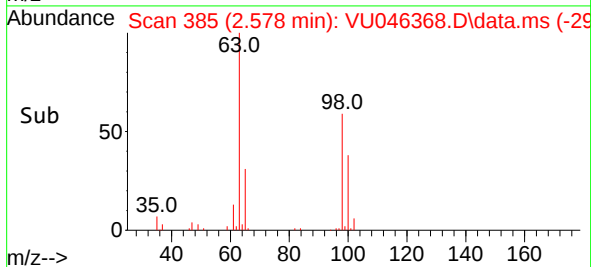
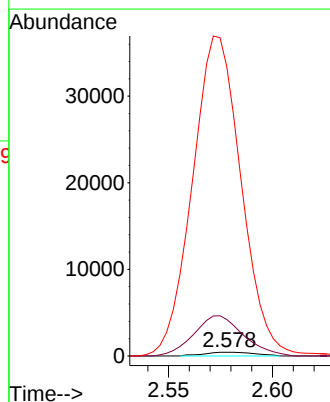
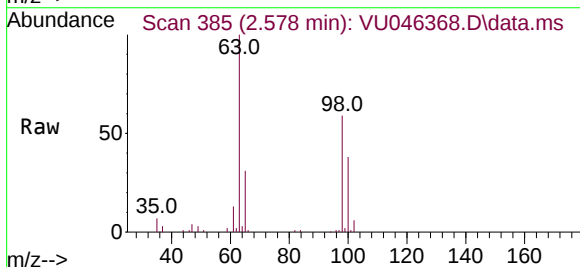
Instrument :
MSVOA_U
ClientSampleId :
EW5R6

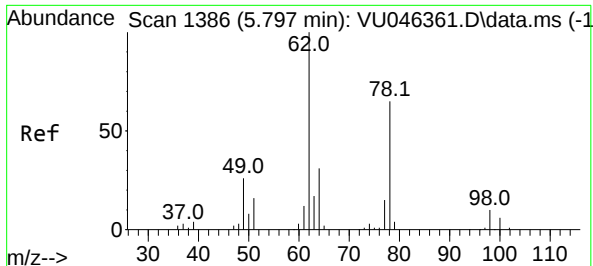
Tgt Ion:101 Resp: 511
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.751 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU046368.D
Acq: 14 Dec 2021 19:54

Tgt Ion: 96 Resp: 739
Ion Ratio Lower Upper
96 100
61 972.1 118.6 220.2#
63 7719.2 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.564 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.068 min

Lab File: VU046368.D

Acq: 14 Dec 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :

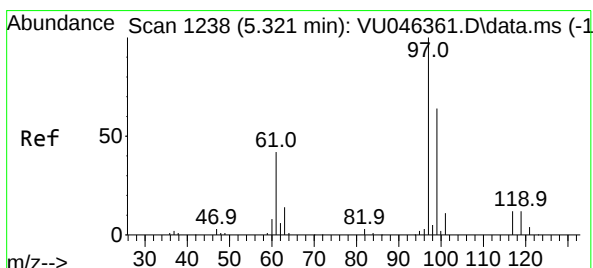
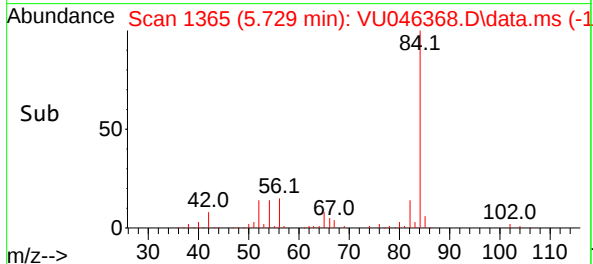
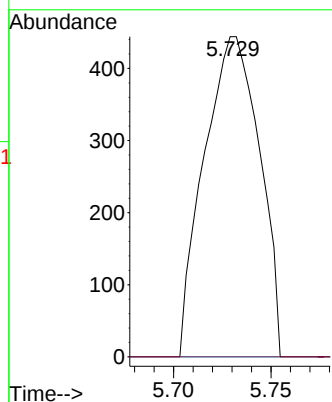
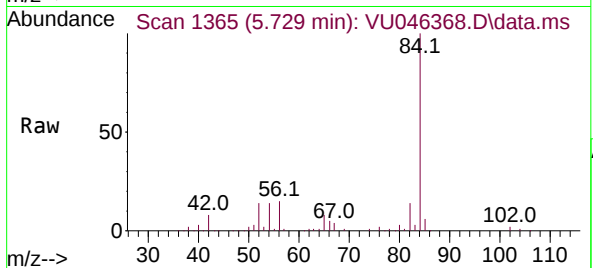
EW5R6

Tgt Ion: 62 Resp: 880

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#30

1,1,1-Trichloroethane

Concen: 10.734 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046368.D

Acq: 14 Dec 2021 19:54

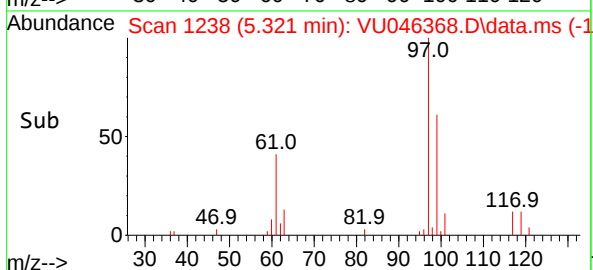
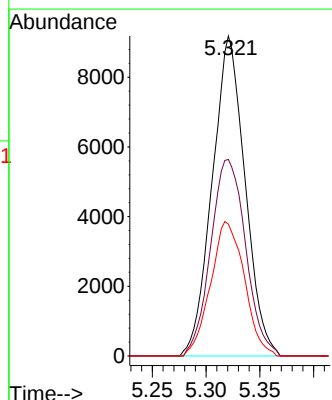
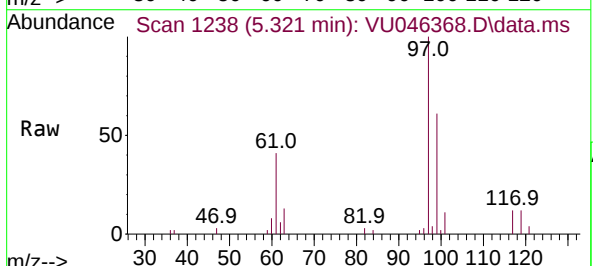
Tgt Ion: 97 Resp: 19485

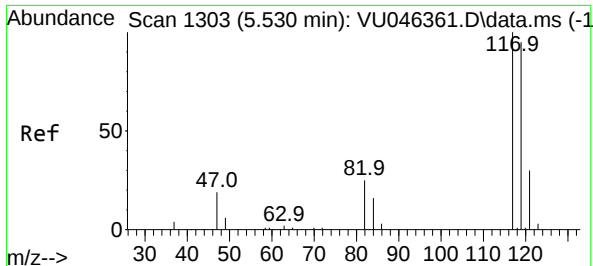
Ion Ratio Lower Upper

97 100

99 65.6 51.8 77.6

61 43.2 34.4 51.6

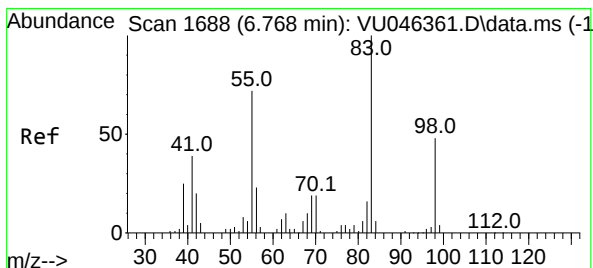
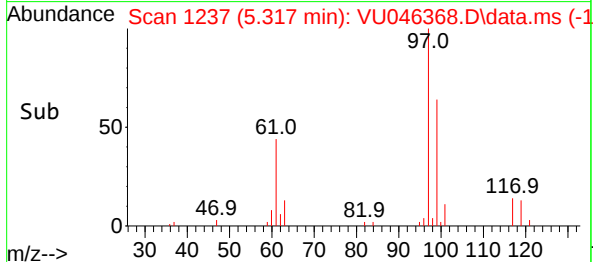
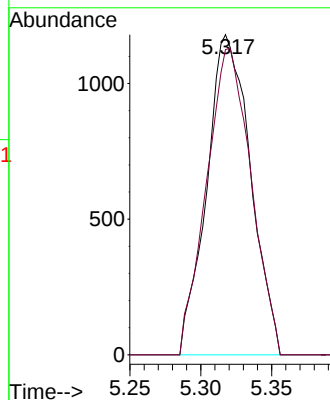
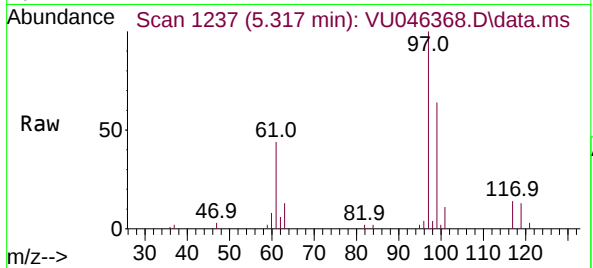




#31
Carbon tetrachloride
Concen: 1.644 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU046368.D
Acq: 14 Dec 2021 19:54

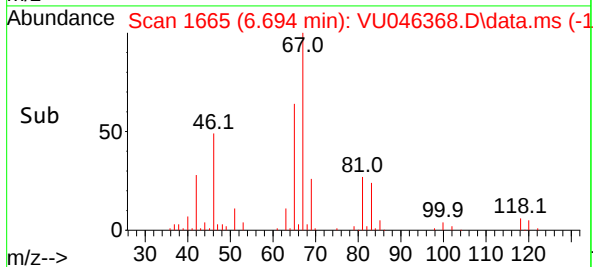
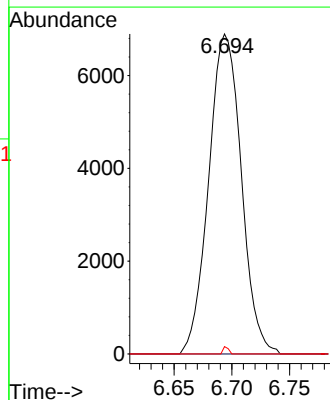
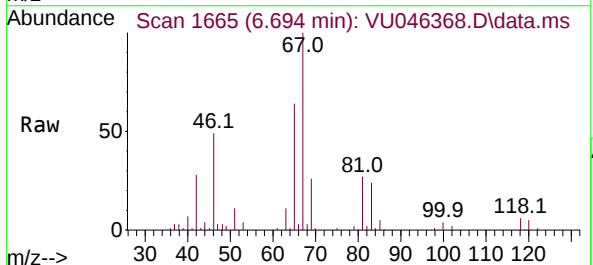
Instrument :
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EW5R6

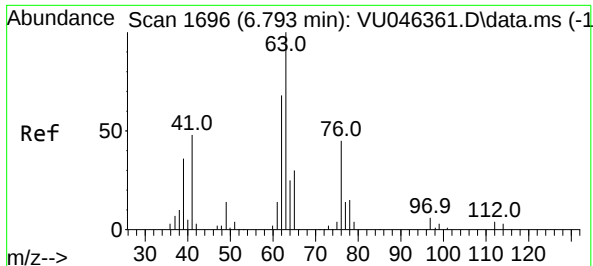
Tgt Ion:117 Resp: 2533
Ion Ratio Lower Upper
117 100
119 97.6 75.7 113.5



#35
Methylcyclohexane
Concen: 7.421 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046368.D
Acq: 14 Dec 2021 19:54

Tgt Ion: 83 Resp: 13568
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.266 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046368.D

Acq: 14 Dec 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :

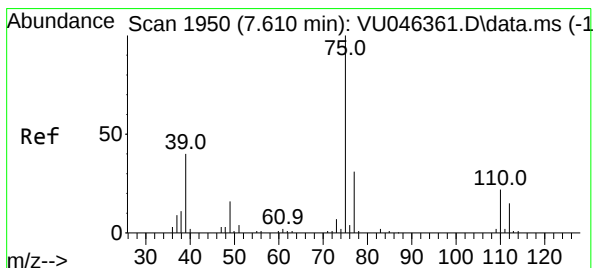
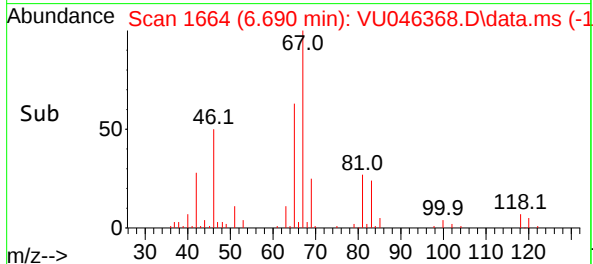
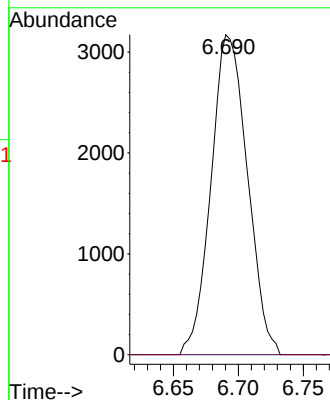
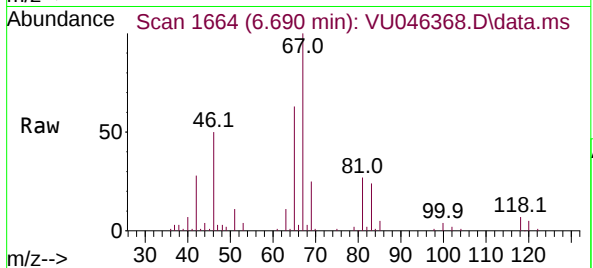
EW5R6

Tgt Ion: 63 Resp: 6174

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.902 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046368.D

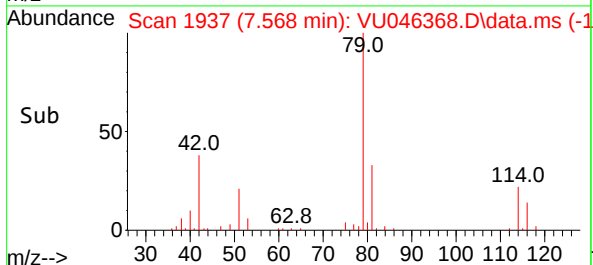
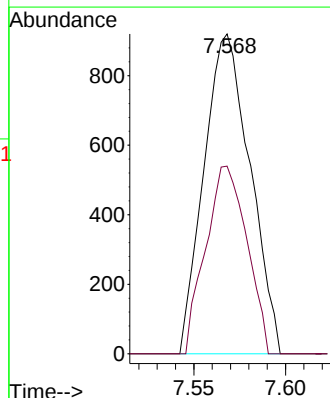
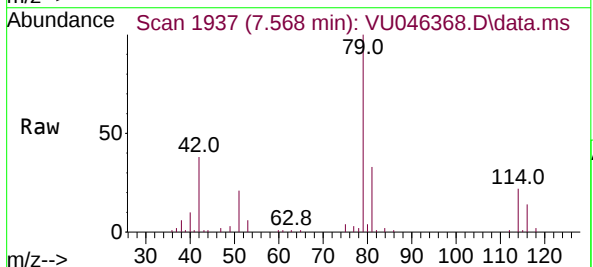
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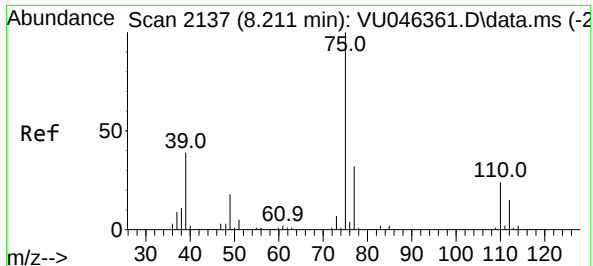
Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 58.7 21.8 40.6#

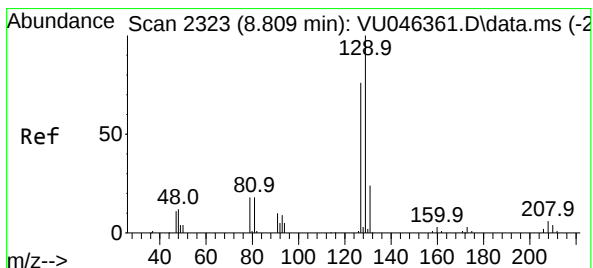
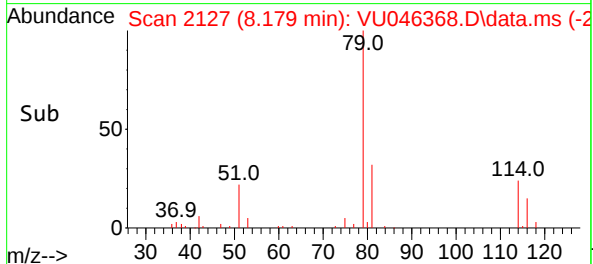
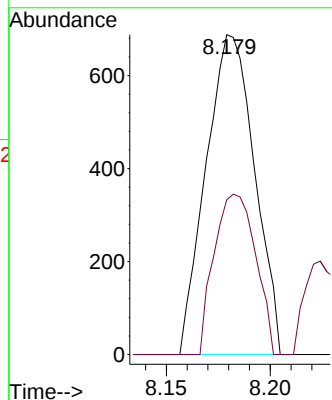
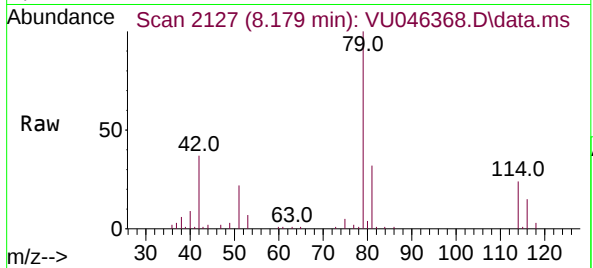




#44
trans-1,3-Dichloropropene
Concen: 0.639 ug/L
RT: 8.179 min Scan# 2119
Delta R.T. -0.032 min
Lab File: VU046368.D
Acq: 14 Dec 2021 19:54

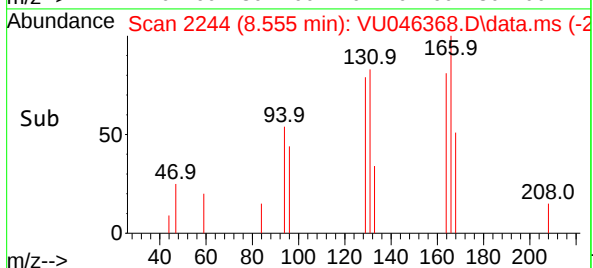
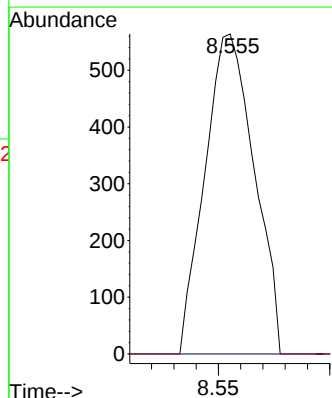
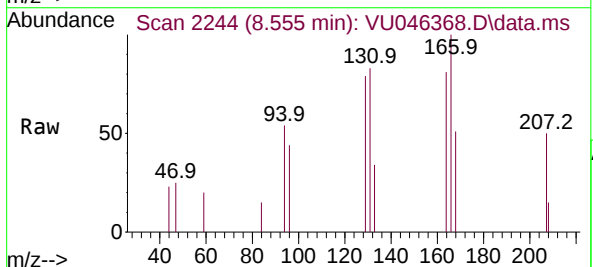
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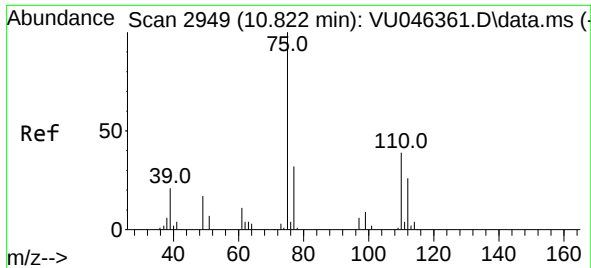
Tgt Ion: 75 Resp: 1119
Ion Ratio Lower Upper
75 100
77 48.4 21.7 40.3#



#49
Dibromochloromethane
Concen: 0.704 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.254 min
Lab File: VU046368.D
Acq: 14 Dec 2021 19:54

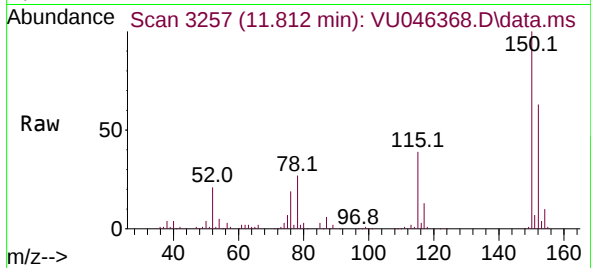
Tgt Ion: 129 Resp: 869
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.467 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046368.D
 Acq: 14 Dec 2021 19:54

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 8538
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.4 39.6
 110 2.0 32.4 48.6#

