

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046488.D
 Acq On : 19 Dec 2021 12:46
 Operator : SY/MD
 Sample : M5038-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:26:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

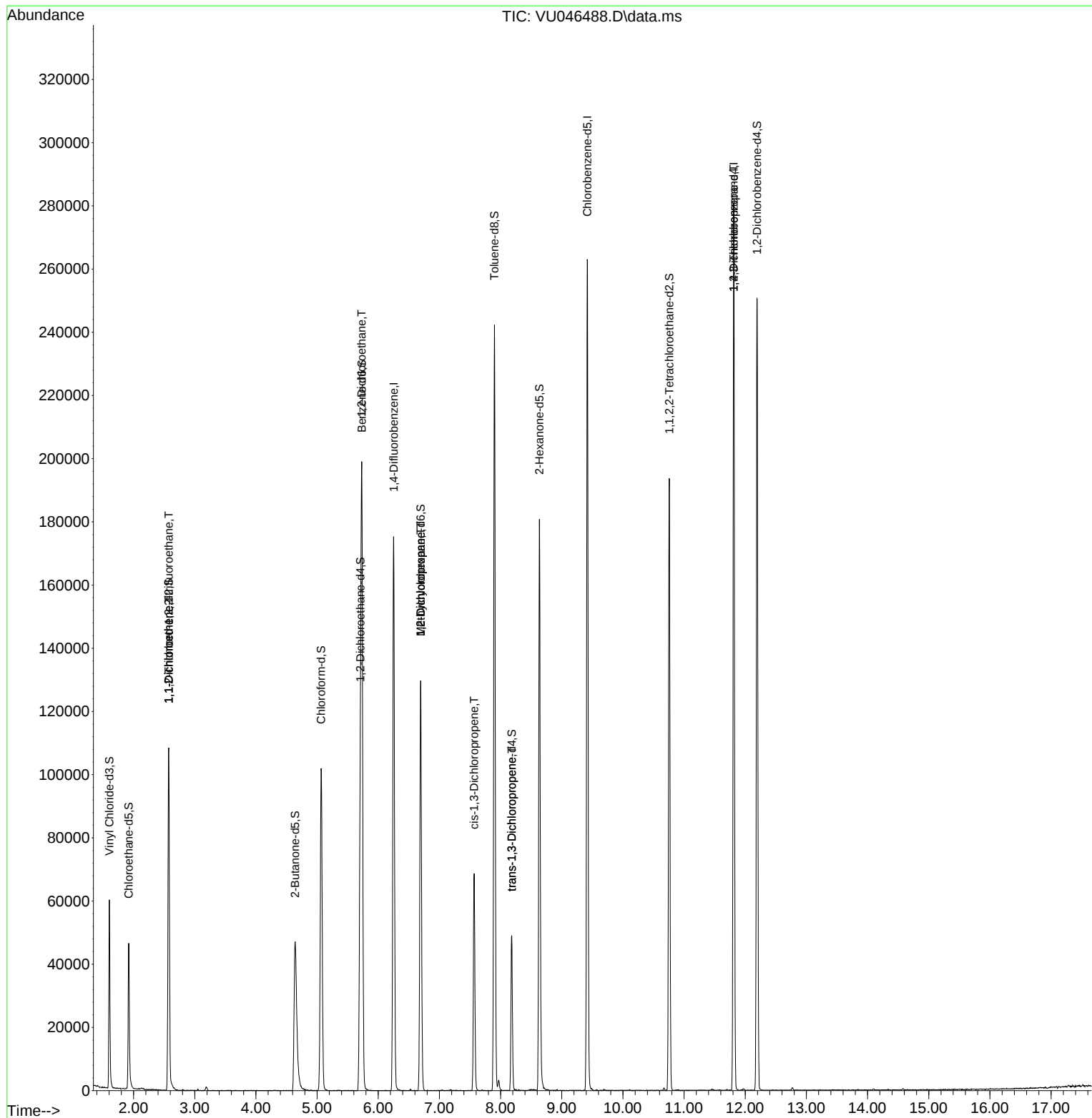
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141133	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	145941	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46102	39.655	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.300%		
7) Chloroethane-d5	1.919	69	38392	43.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.020%		
11) 1,1-Dichloroethene-d2	2.575	63	65453	31.362	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.720%		
21) 2-Butanone-d5	4.639	46	89610	96.960	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.960%		
24) Chloroform-d	5.066	84	97536	50.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.480%		
26) 1,2-Dichloroethane-d4	5.706	65	64744	49.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.380%		
32) Benzene-d6	5.732	84	184293	44.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.120%		
36) 1,2-Dichloropropane-d6	6.693	67	58577	45.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.380%		
41) Toluene-d8	7.899	98	159120	41.780	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.560%		
43) trans-1,3-Dichloroprop...	8.182	79	28341	45.288	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.580%		
47) 2-Hexanone-d5	8.636	63	65886	107.192	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.190%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	92285	46.941	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.880%		
66) 1,2-Dichlorobenzene-d4	12.195	152	65210	47.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	544	0.530	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	466	0.478	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1055	0.681	ug/L #	73
35) Methylcyclohexane	6.693	83	14930	8.275	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6735	5.821	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1647	0.936	ug/L #	76
44) trans-1,3-Dichloropropene	8.182	75	1292	0.747	ug/L	96
60) 1,2,3-Trichloropropane	11.812	75	8655	5.521	ug/L #	65

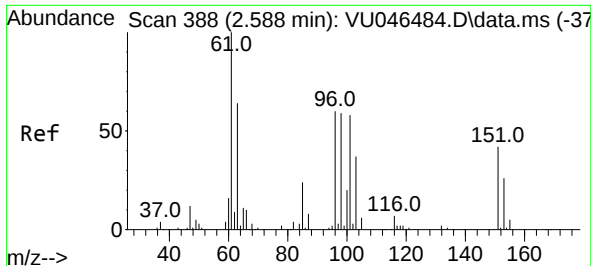
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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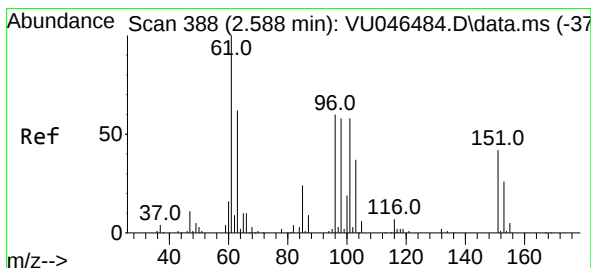
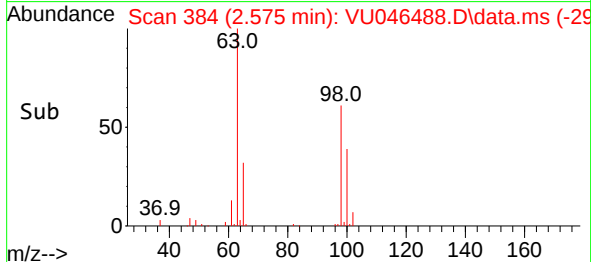
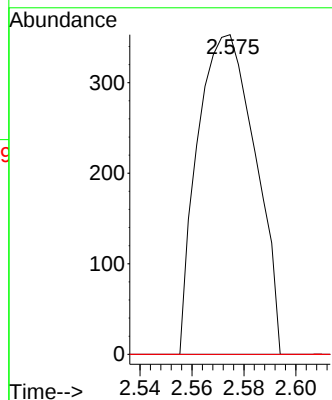
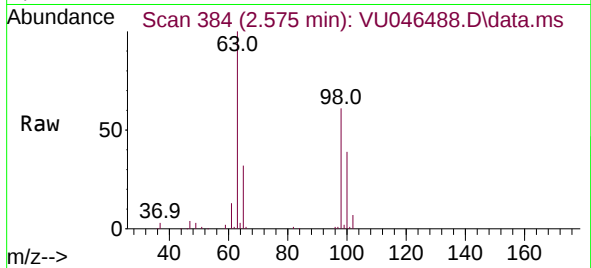




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.530 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046488.D
 Acq: 19 Dec 2021 12:46

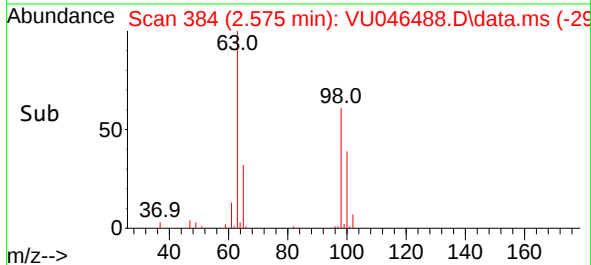
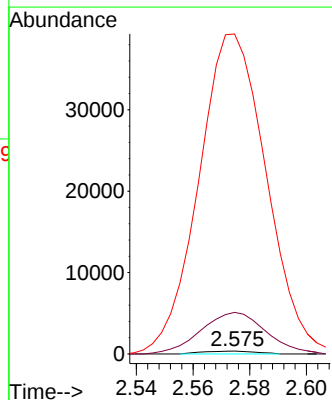
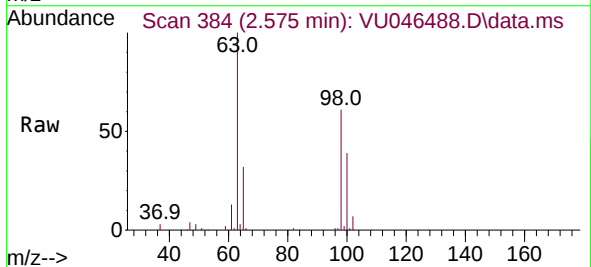
Instrument :
 MSVOA_U
 ClientSampleId :

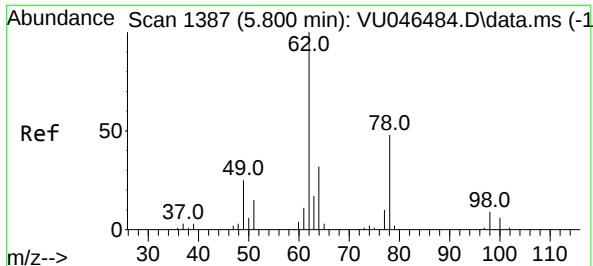
Tgt Ion:101 Resp: 544
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.478 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046488.D
 Acq: 19 Dec 2021 12:46

Tgt Ion: 96 Resp: 466
 Ion Ratio Lower Upper
 96 100
 61 1464.2 118.6 220.2#
 63 11266.5 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.681 ug/L

RT: 5.729 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046488.D

Acq: 19 Dec 2021 12:46

Instrument :

MSVOA_U

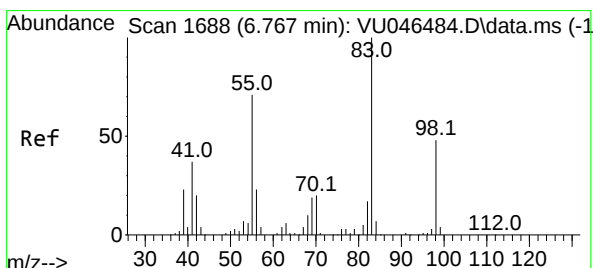
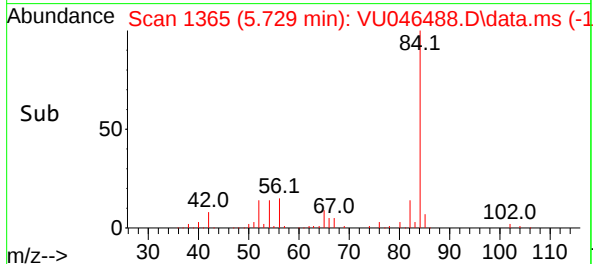
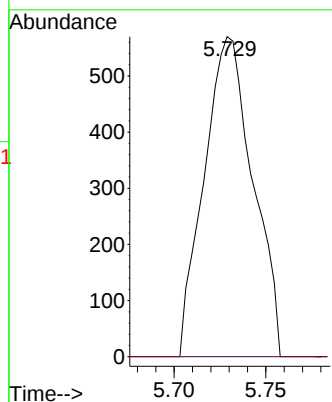
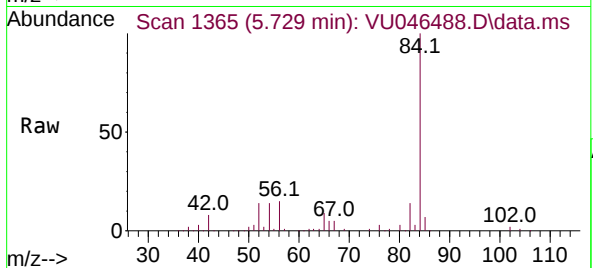
ClientSampleId :

Tgt Ion: 62 Resp: 1055

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 8.275 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046488.D

Acq: 19 Dec 2021 12:46

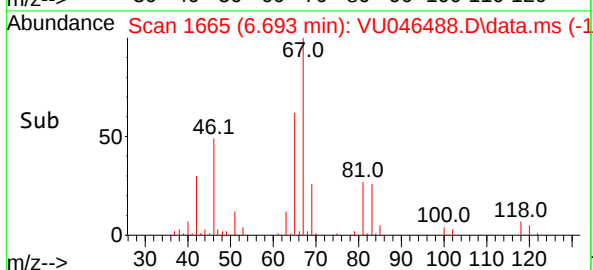
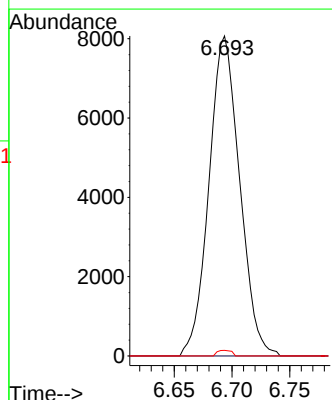
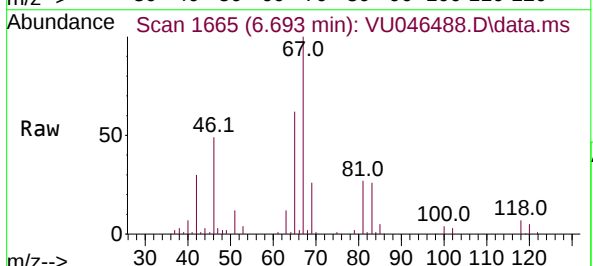
Tgt Ion: 83 Resp: 14930

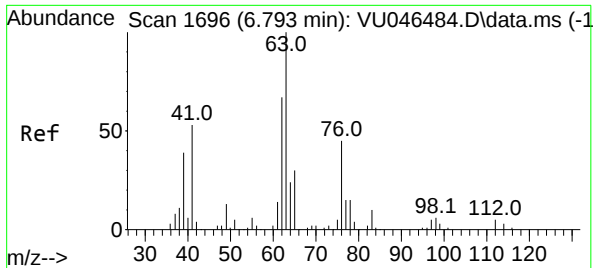
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.821 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046488.D

Acq: 19 Dec 2021 12:46

Instrument :

MSVOA_U

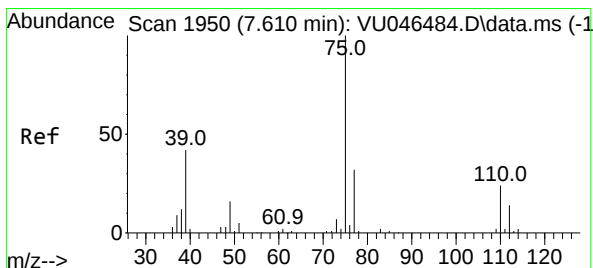
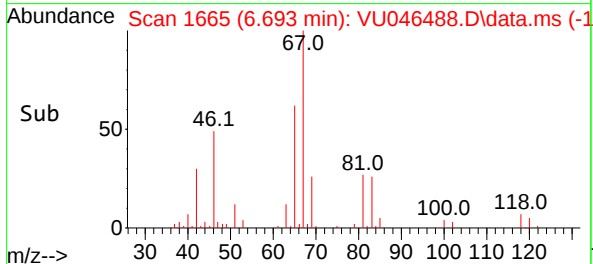
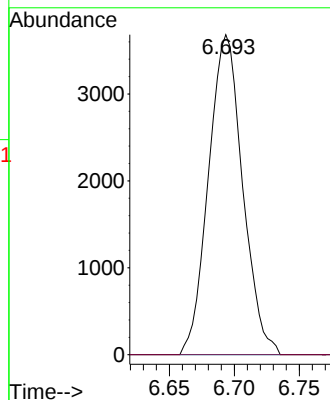
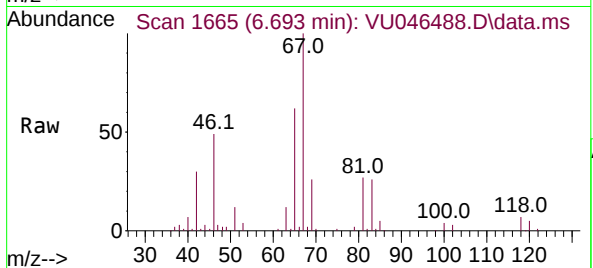
ClientSampleId :

Tgt Ion: 63 Resp: 6735

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046488.D

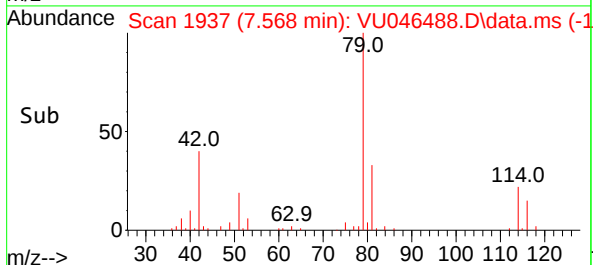
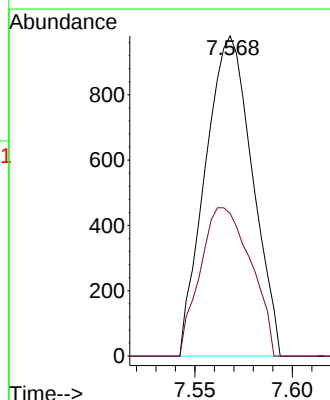
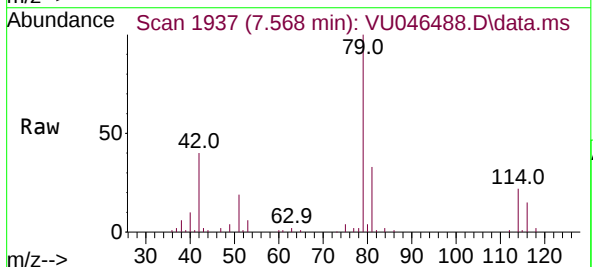
Acq: 19 Dec 2021 12:46

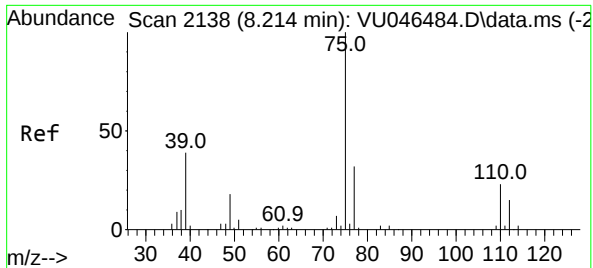
Tgt Ion: 75 Resp: 1647

Ion Ratio Lower Upper

75 100

77 44.6 21.8 40.6#

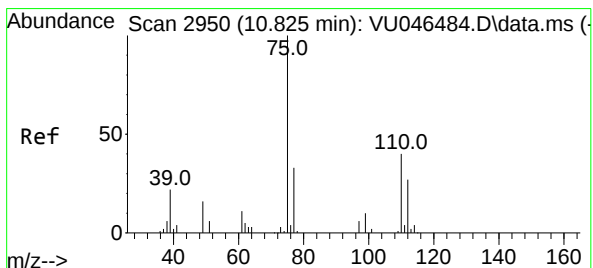
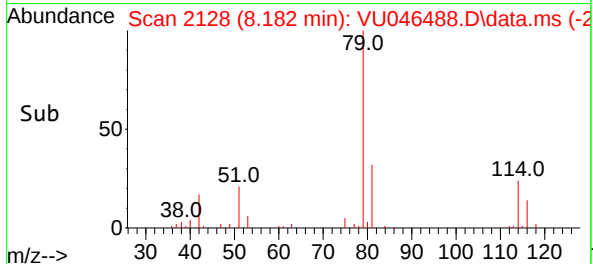
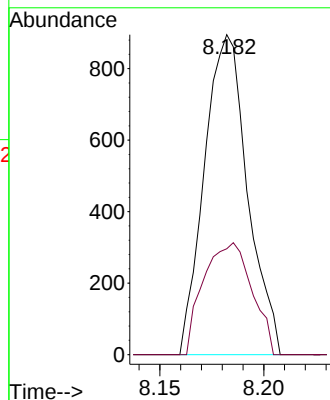
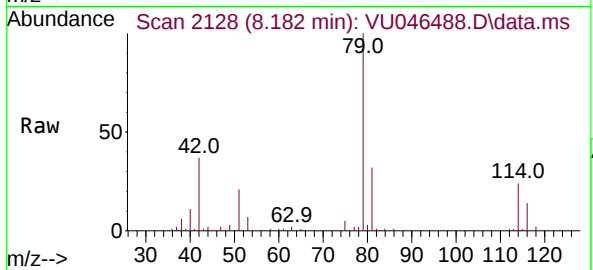




#44
trans-1,3-Dichloropropene
Concen: 0.747 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046488.D
Acq: 19 Dec 2021 12:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1292
Ion Ratio Lower Upper
75 100
77 33.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.521 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046488.D
Acq: 19 Dec 2021 12:46

Tgt Ion: 75 Resp: 8655
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
110 2.6 32.4 48.6#

