

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047267.D
 Acq On : 25 Feb 2022 12:23
 Operator : SY/MD
 Sample : N1667-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBRL2

Quant Time: Feb 28 02:02:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 28 02:01:00 2022
 Response via : Initial Calibration

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

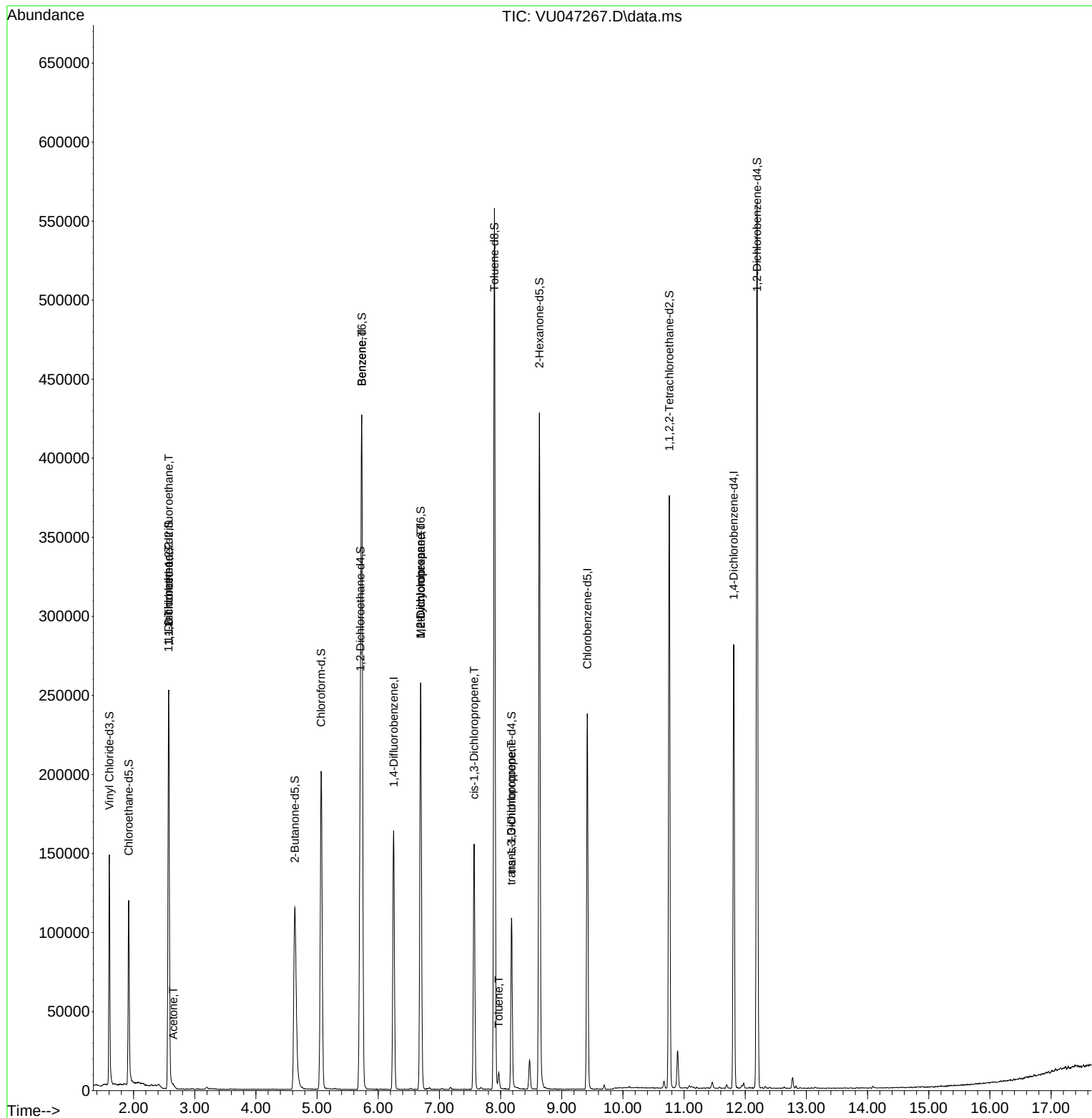
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138787	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	134357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77791	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	106713	84.661	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 169.320%#		
7) Chloroethane-d5	1.919	69	87198	93.321	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 186.640%#		
11) 1,1-Dichloroethene-d2	2.575	63	146696	70.230	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 140.460%#		
21) 2-Butanone-d5	4.636	46	199787	204.372	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 204.370%#		
24) Chloroform-d	5.066	84	187934	91.842	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 183.680%#		
26) 1,2-Dichloroethane-d4	5.706	65	120252	91.558	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 183.120%#		
32) Benzene-d6	5.732	84	398695	89.258	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 178.520%#		
36) 1,2-Dichloropropane-d6	6.693	67	122121	84.305	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 168.620%#		
41) Toluene-d8	7.899	98	372952	87.693	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 175.380%#		
43) trans-1,3-Dichloroprop...	8.179	79	59271	78.079	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 156.160%#		
47) 2-Hexanone-d5	8.635	63	157027	189.219	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 189.220%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	181310	85.840	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 171.680%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	151127	81.914	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 163.820%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1419	1.543	ug/L #	20
12) 1,1-Dichloroethene	2.571	96	1305	1.446	ug/L #	1
13) Acetone	2.649	43	1535	2.156	ug/L	96
33) Benzene	5.732	78	3350	0.799	ug/L	100
35) Methylcyclohexane	6.693	83	28805	15.771	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	12882	11.476	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3572	1.958	ug/L #	70
42) Toluene	7.970	91	7622	1.656	ug/L	96
44) trans-1,3-Dichloropropene	8.176	75	2579	1.471	ug/L #	19

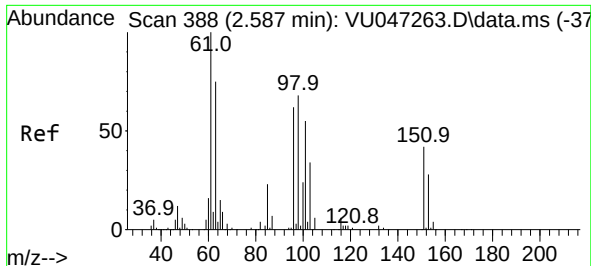
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 28 02:01:00 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.543 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047267.D

Acq: 25 Feb 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

DBRL2

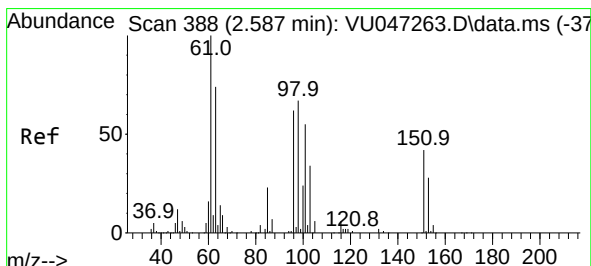
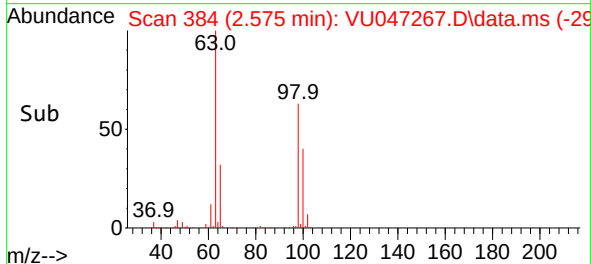
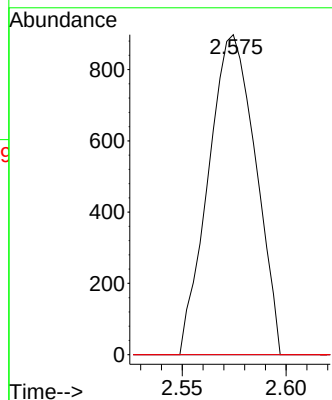
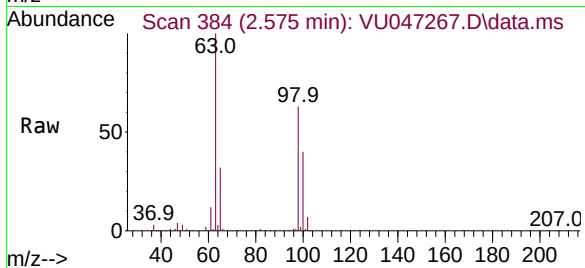
Tgt Ion:101 Resp: 1419

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 58.3 87.5#



#12

1,1-Dichloroethene

Concen: 1.446 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047267.D

Acq: 25 Feb 2022 12:23

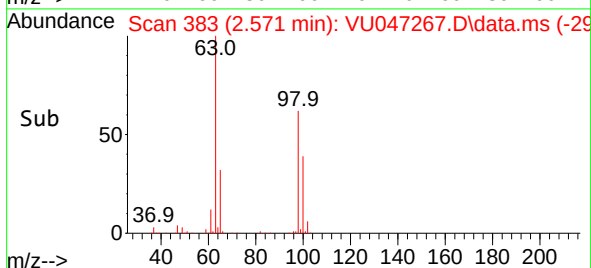
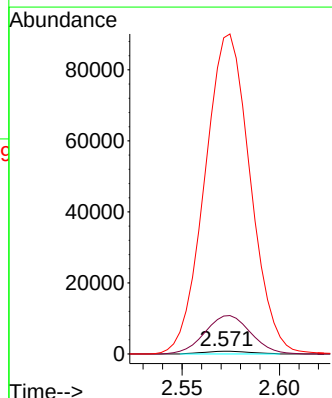
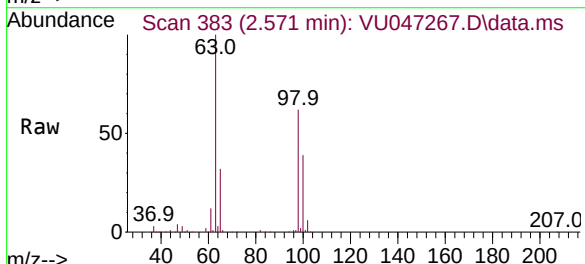
Tgt Ion: 96 Resp: 1305

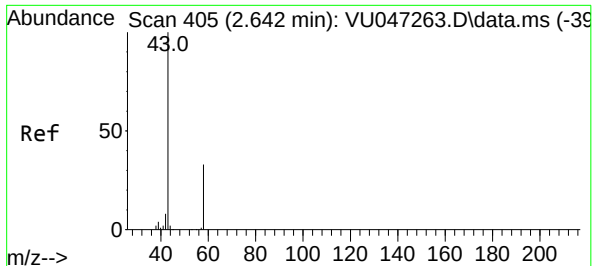
Ion Ratio Lower Upper

96 100

61 1376.8 114.9 213.3#

63 11489.0 86.0 159.8#

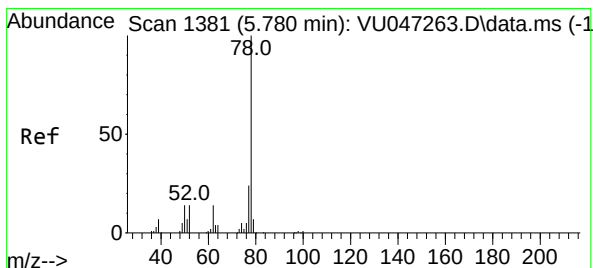
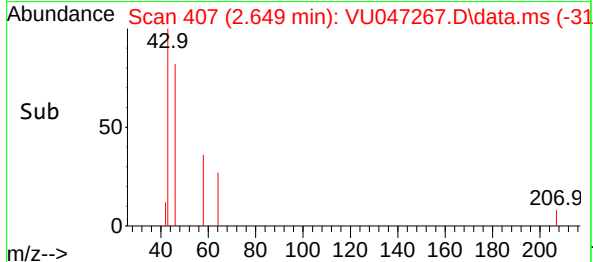
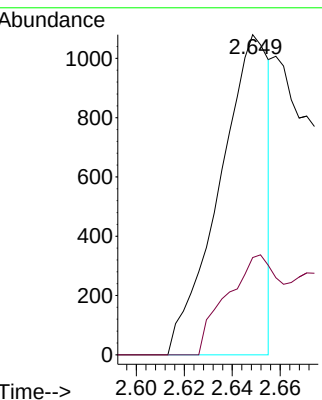
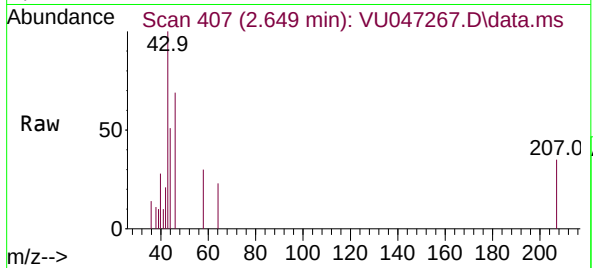




#13
Acetone
Concen: 2.156 ug/L
RT: 2.649 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU047267.D
Acq: 25 Feb 2022 12:23

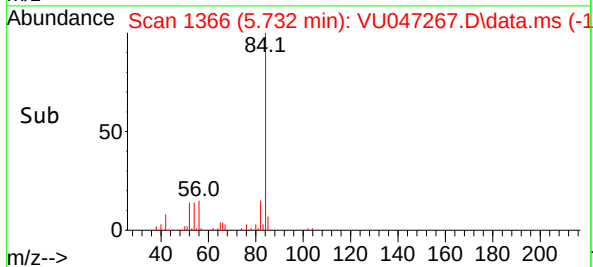
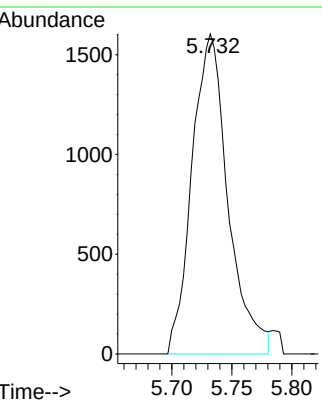
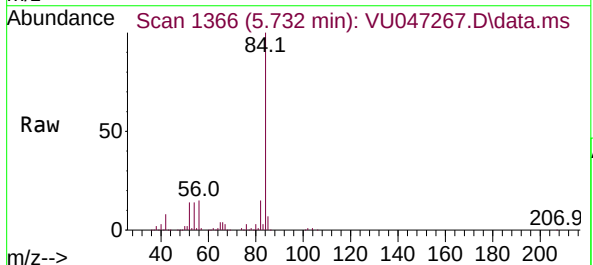
Instrument :
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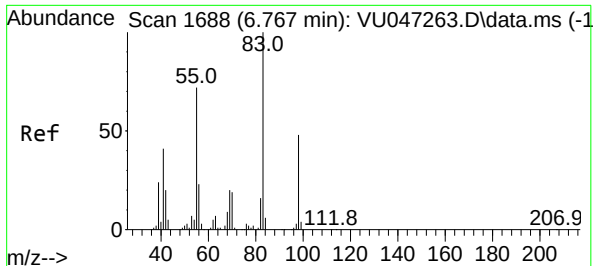
Tgt Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
58 33.0 0.0 71.0



#33
Benzene
Concen: 0.799 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.048 min
Lab File: VU047267.D
Acq: 25 Feb 2022 12:23

Tgt Ion: 78 Resp: 3350

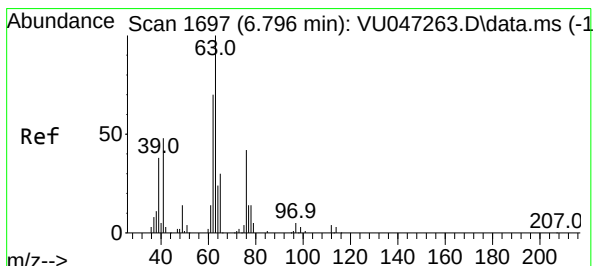
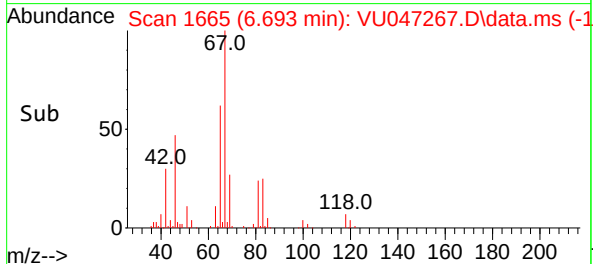
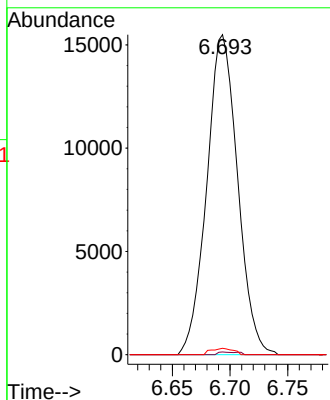
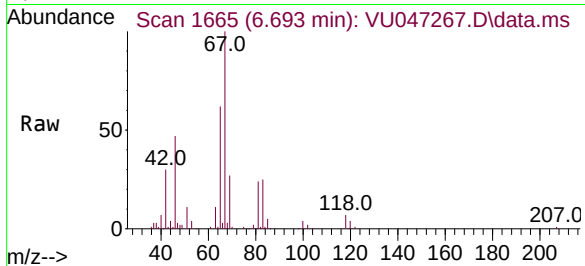




#35
Methylcyclohexane
Concen: 15.771 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047267.D
Acq: 25 Feb 2022 12:23

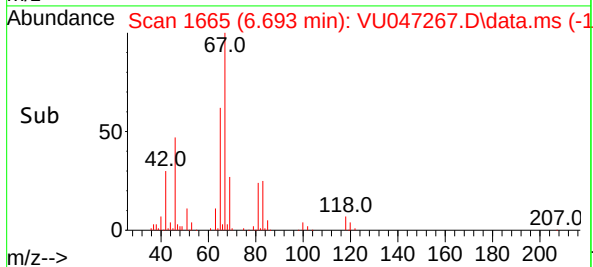
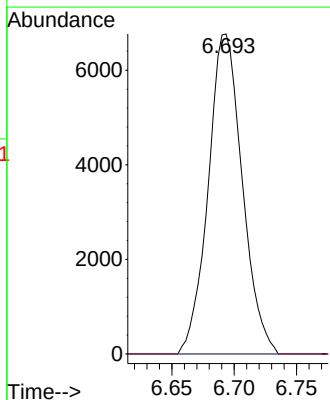
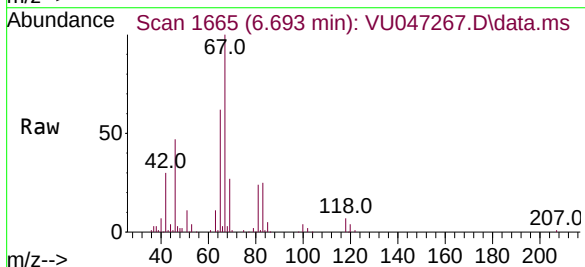
Instrument :
MSVOA_U
ClientSampleId :
DBRL2

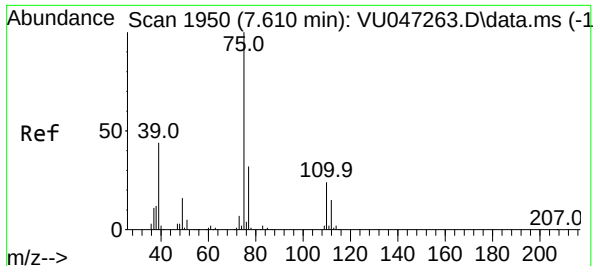
Tgt Ion: 83 Resp: 28805
Ion Ratio Lower Upper
83 100
55 0.4 56.6 85.0#
98 1.1 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 11.476 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU047267.D
Acq: 25 Feb 2022 12:23

Tgt Ion: 63 Resp: 12882
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.958 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047267.D

Acq: 25 Feb 2022 12:23

Instrument :

MSVOA_U

ClientSampleId :

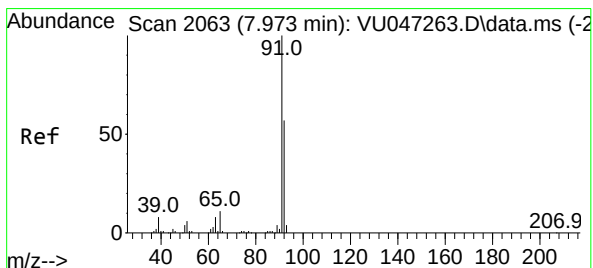
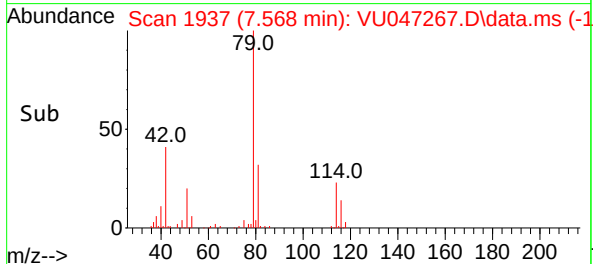
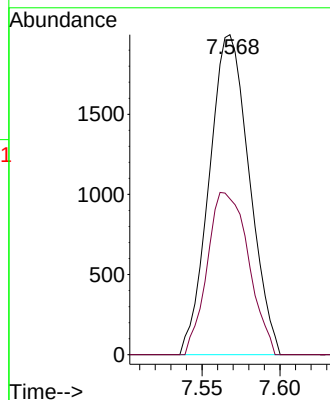
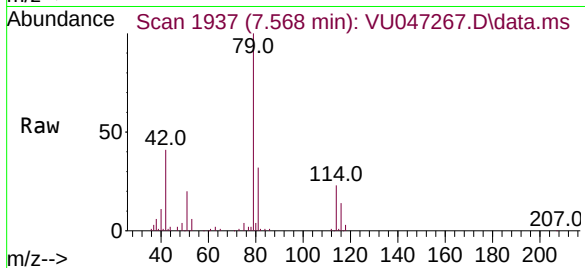
DBRL2

Tgt Ion: 75 Resp: 3572

Ion Ratio Lower Upper

75 100

77 48.7 22.3 41.3#



#42

Toluene

Concen: 1.656 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU047267.D

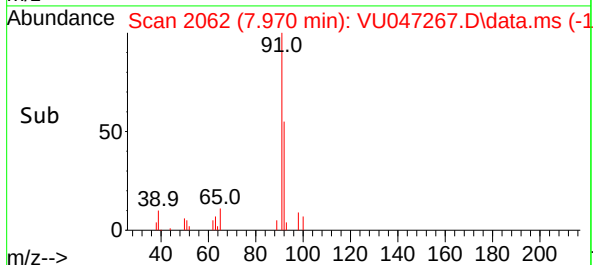
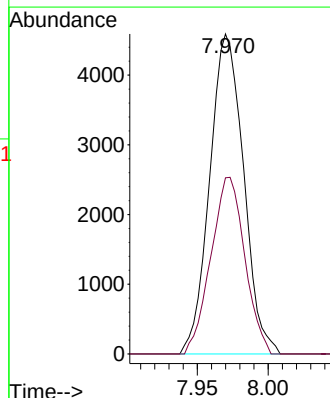
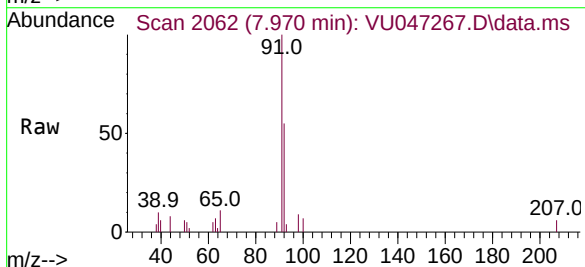
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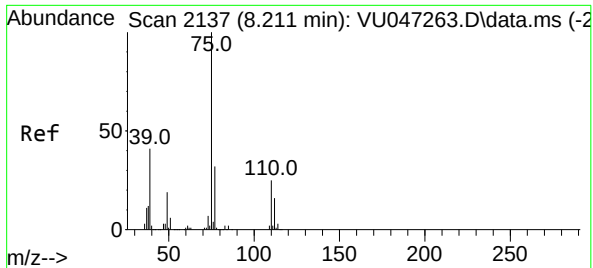
Tgt Ion: 91 Resp: 7622

Ion Ratio Lower Upper

91 100

92 55.0 40.4 75.0





#44
trans-1,3-Dichloropropene
Concen: 1.471 ug/L
RT: 8.176 min Scan# 21
Delta R.T. -0.035 min
Lab File: VU047267.D
Acq: 25 Feb 2022 12:23

Instrument :
MSVOA_U
ClientSampleId :
DBRL2

Tgt Ion: 75 Resp: 2579
Ion Ratio Lower Upper
75 100
77 78.5 23.0 42.8#

