

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047266.D
 Acq On : 25 Feb 2022 12:00
 Operator : SY/MD
 Sample : N1667-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBRL0

Quant Time: Feb 28 02:01:48 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)

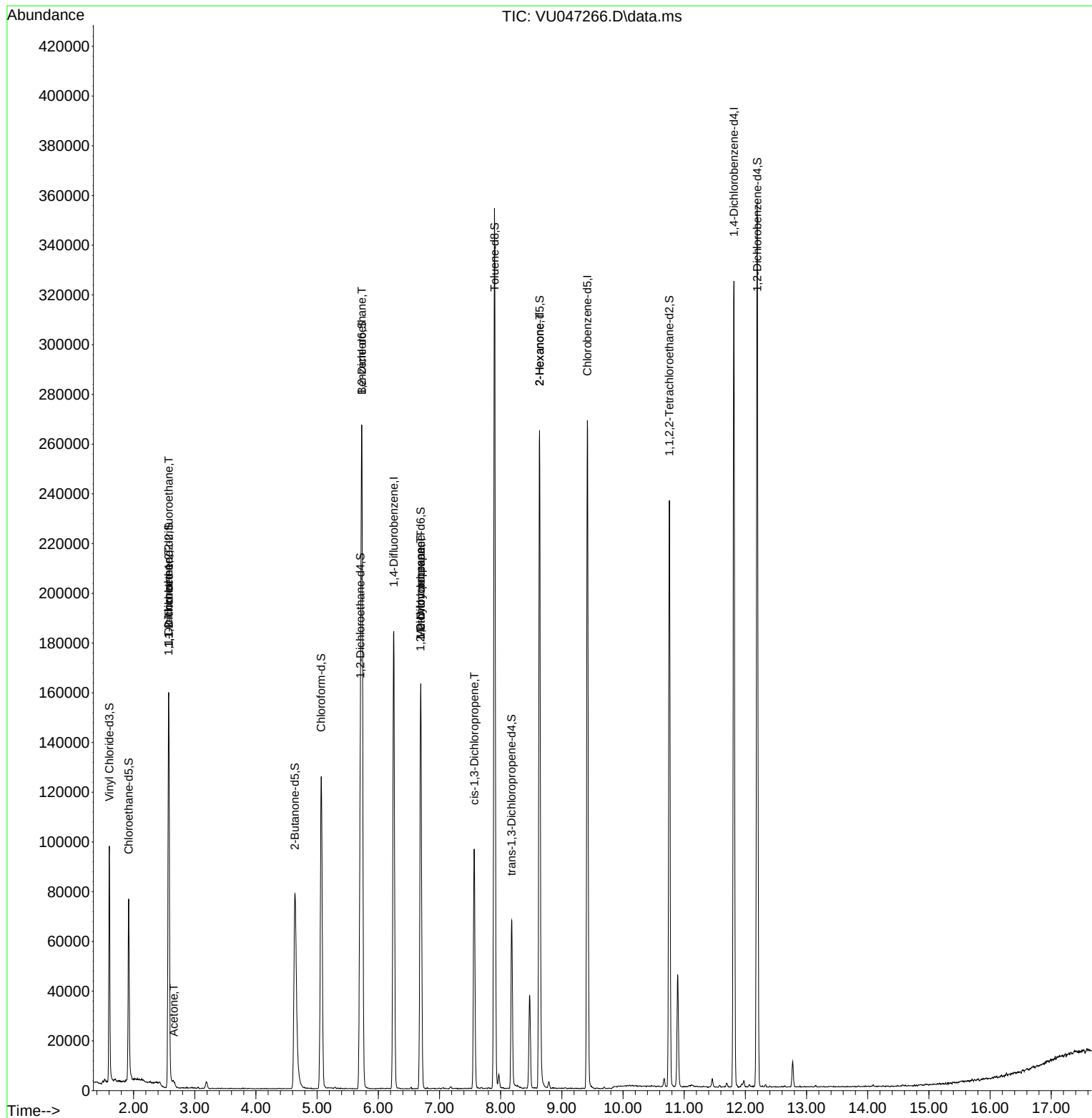
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	156113	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	152505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	68527	48.332	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.660%		
7) Chloroethane-d5	1.919	69	55533	52.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.680%		
11) 1,1-Dichloroethene-d2	2.575	63	93699	39.879	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.760%		
21) 2-Butanone-d5	4.636	46	128507	116.867	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.870%		
24) Chloroform-d	5.067	84	117443	51.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.040%		
26) 1,2-Dichloroethane-d4	5.707	65	75991	51.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.880%		
32) Benzene-d6	5.732	84	252288	49.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.520%		
36) 1,2-Dichloropropane-d6	6.694	67	77940	47.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.800%		
41) Toluene-d8	7.899	98	236026	48.893	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.780%		
43) trans-1,3-Dichloroprop...	8.179	79	37272	43.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.520%		
47) 2-Hexanone-d5	8.636	63	97280	103.274	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.270%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	114470	47.746	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	97805	46.723	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.440%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	787	0.761	ug/L #	20
12) 1,1-Dichloroethene	2.572	96	750	0.739	ug/L #	1
13) Acetone	2.655	43	2948	3.680	ug/L	87
27) 1,2-Dichloroethane	5.732	62	1328	0.852	ug/L #	74
35) Methylcyclohexane	6.694	83	17911	8.639	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	8227	6.457	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2341	1.130	ug/L #	62
48) 2-Hexanone	8.636	43	10312	6.180	ug/L #	63

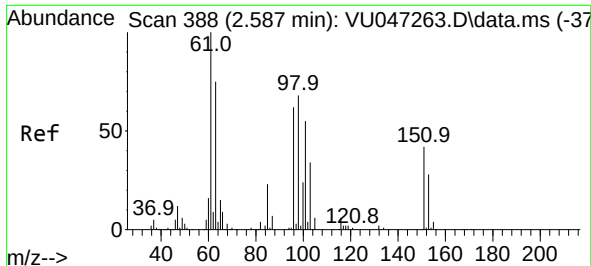
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.761 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047266.D

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Instrument :

MSVOA_U

ClientSampleId :

DBRL0

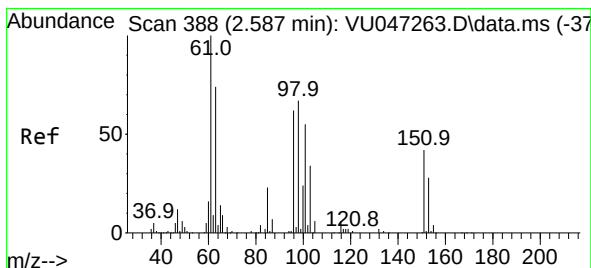
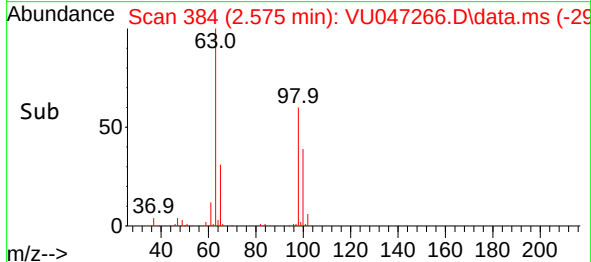
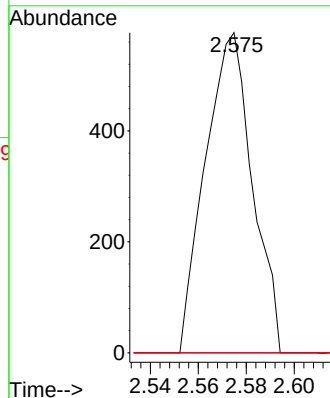
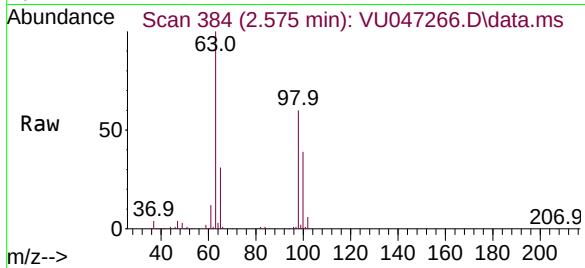
Tgt Ion:101 Resp: 787

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: 0.739 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047266.D

Acq: 25 Feb 2022 12:00

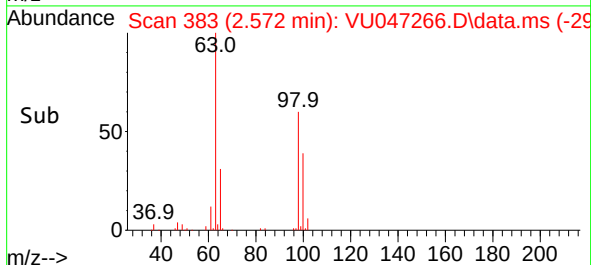
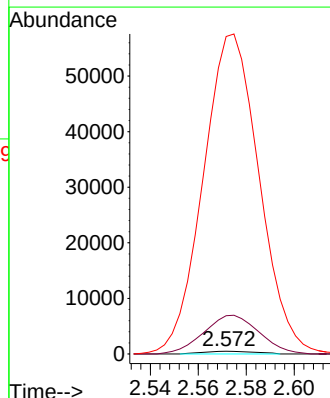
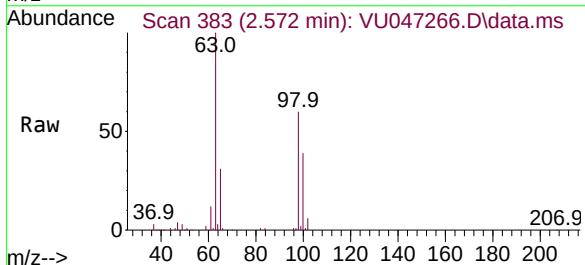
Tgt Ion: 96 Resp: 750

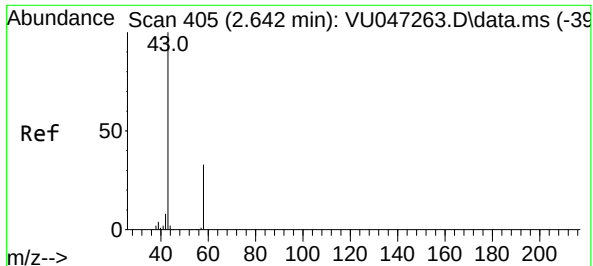
Ion Ratio Lower Upper

96 100

61 1415.2 114.9 213.3#

63 11729.0 86.0 159.8#





#13

Acetone

Concen: 3.680 ug/L

RT: 2.655 min Scan# 405

Delta R.T. 0.013 min

Lab File: VU047266.D

Acq: 25 Feb 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

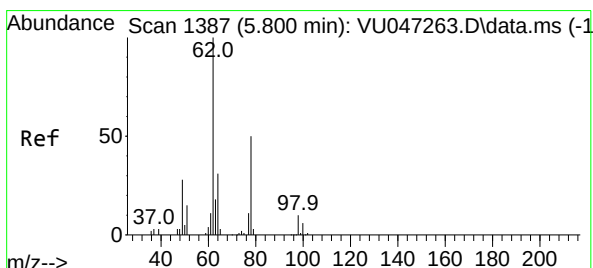
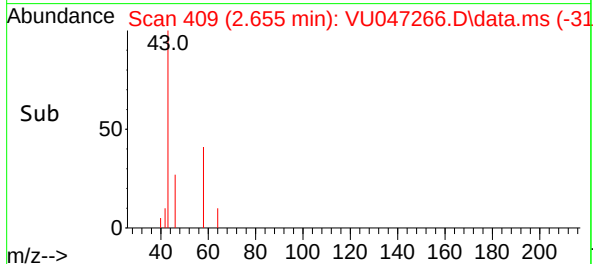
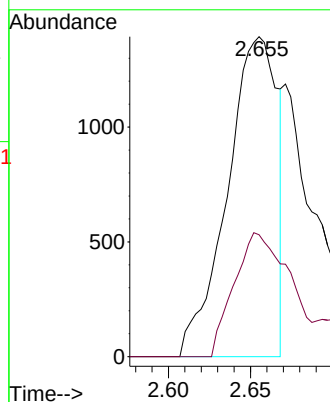
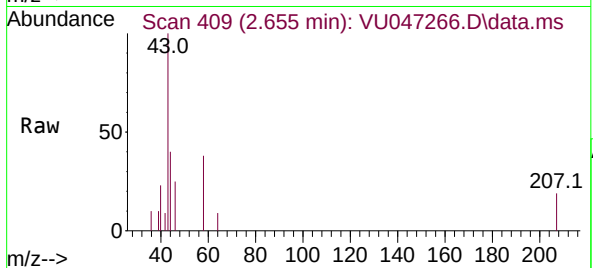
DBRL0

Tgt Ion: 43 Resp: 2948

Ion Ratio Lower Upper

43 100

58 43.1 0.0 71.0



#27

1,2-Dichloroethane

Concen: 0.852 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.067 min

Lab File: VU047266.D

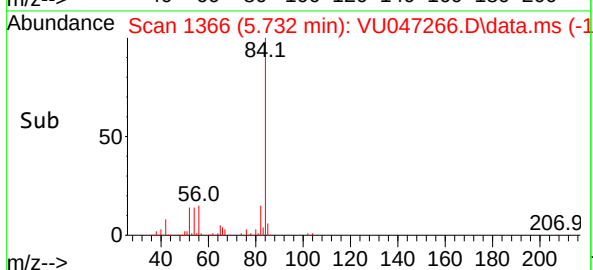
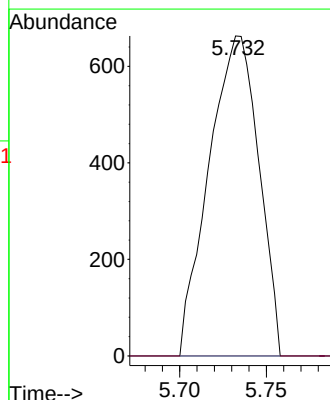
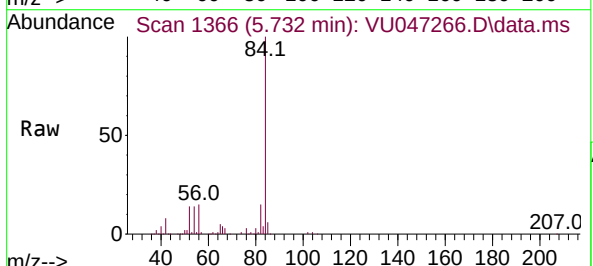
Acq: 25 Feb 2022 12:00

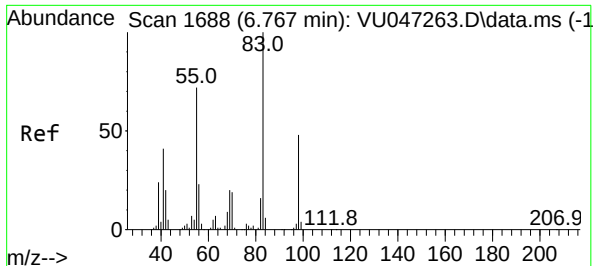
Tgt Ion: 62 Resp: 1328

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#

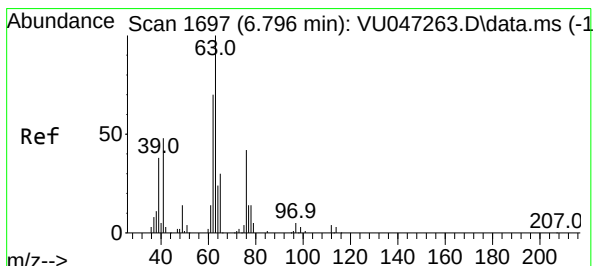
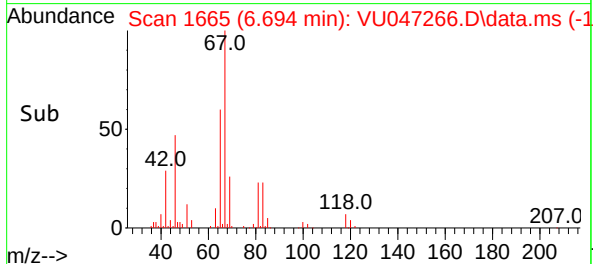
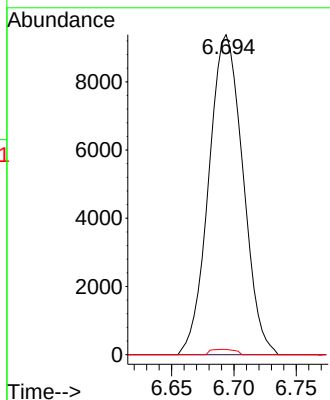
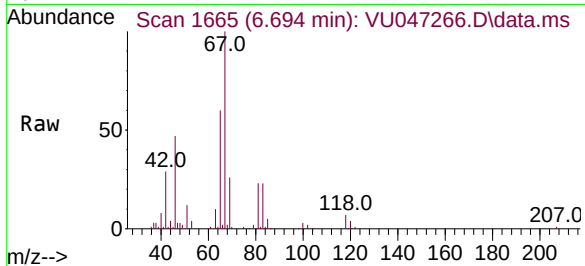




#35
Methylcyclohexane
Concen: 8.639 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047266.D
Acq: 25 Feb 2022 12:00

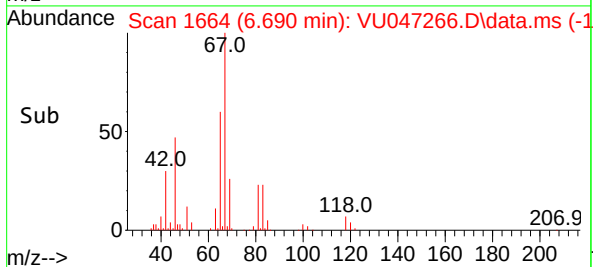
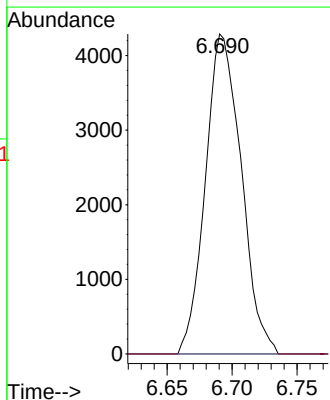
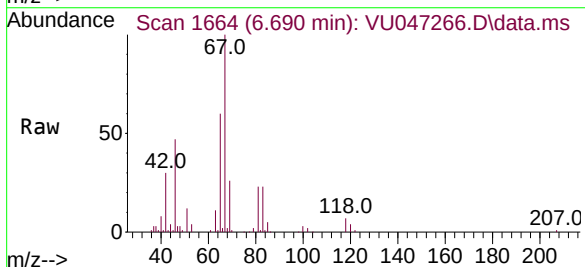
Instrument :
MSVOA_U
ClientSampleId :
DBRL0

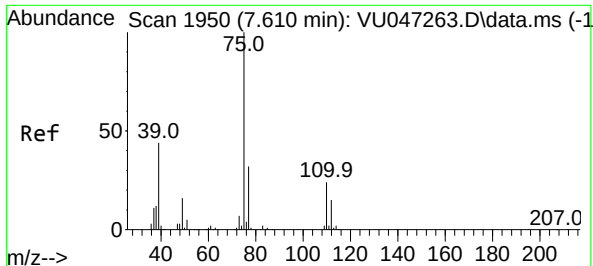
Tgt Ion: 83 Resp: 17911
Ion Ratio Lower Upper
83 100
55 0.0 56.6 85.0#
98 1.2 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 6.457 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.106 min
Lab File: VU047266.D
Acq: 25 Feb 2022 12:00

Tgt Ion: 63 Resp: 8227
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.130 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047266.D

Acq: 25 Feb 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

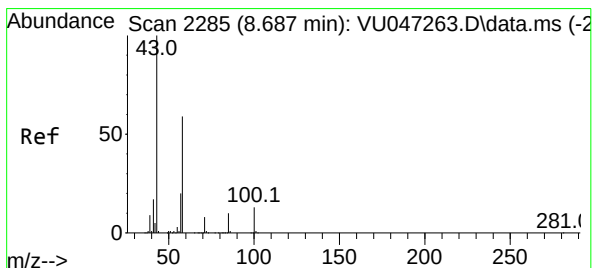
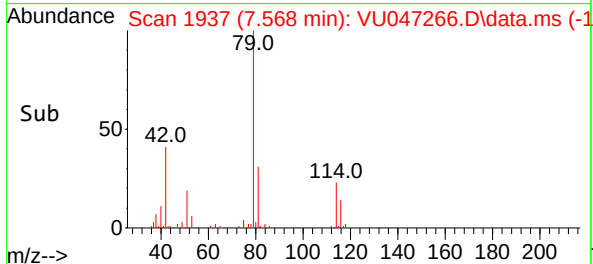
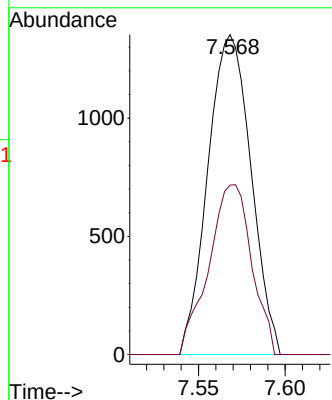
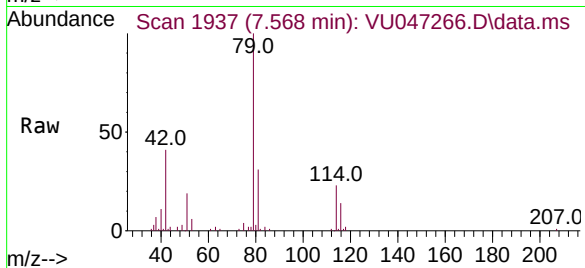
DBRL0

Tgt Ion: 75 Resp: 2341

Ion Ratio Lower Upper

75 100

77 53.0 22.3 41.3#



#48

2-Hexanone

Concen: 6.180 ug/L

RT: 8.636 min Scan# 2269

Delta R.T. -0.051 min

Lab File: VU047266.D

Acq: 25 Feb 2022 12:00

Tgt Ion: 43 Resp: 10312

Ion Ratio Lower Upper

43 100

58 26.0 49.4 74.2#

57 26.0 17.5 26.3

100 0.0 12.3 18.5#

