

Data File : VU036235.D
Acq On : 16 Dec 2019 15:42
Operator : JC/MD
Sample : K6234-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE63DL

Quant Time: Dec 17 01:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	238050	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87656	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	86757	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	96587	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.68	46	188100	47.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.80%
24) Chloroform-d	5.11	84	151729	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	87545	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.77	84	285384	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.73	67	95968	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	237092	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.21	79	37001	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.69	63	149207	44.97	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	87561	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	79275	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.61	96	4301	0.244	ug/L #	1
13) Acetone	2.66	43	6234	1.821	ug/L	93
16) Methylene chloride	3.08	84	12123	0.467	ug/L	97
19) 1,1-Dichloroethane	3.92	63	2805	0.082	ug/L #	81
22) cis-1,2-Dichloroethene	4.72	96	12516	0.631	ug/L	99
25) Chloroform	5.14	83	11572	0.313	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	2045	0.062	ug/L #	71
34) Trichloroethene	6.58	95	59144	2.804	ug/L	99
35) Methylcyclohexane	6.73	83	23472	0.783	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10327	0.495	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2347	0.083	ug/L #	14
47) Tetrachloroethene	8.58	164	104868	5.504	ug/L	93
48) 2-Hexanone	8.73	43	7808	0.958	ug/L #	79
49) Dibromochloromethane	8.58	129	93189	4.820	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	8664	0.624	ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121619\
Quantitation Report (Not Reviewed)

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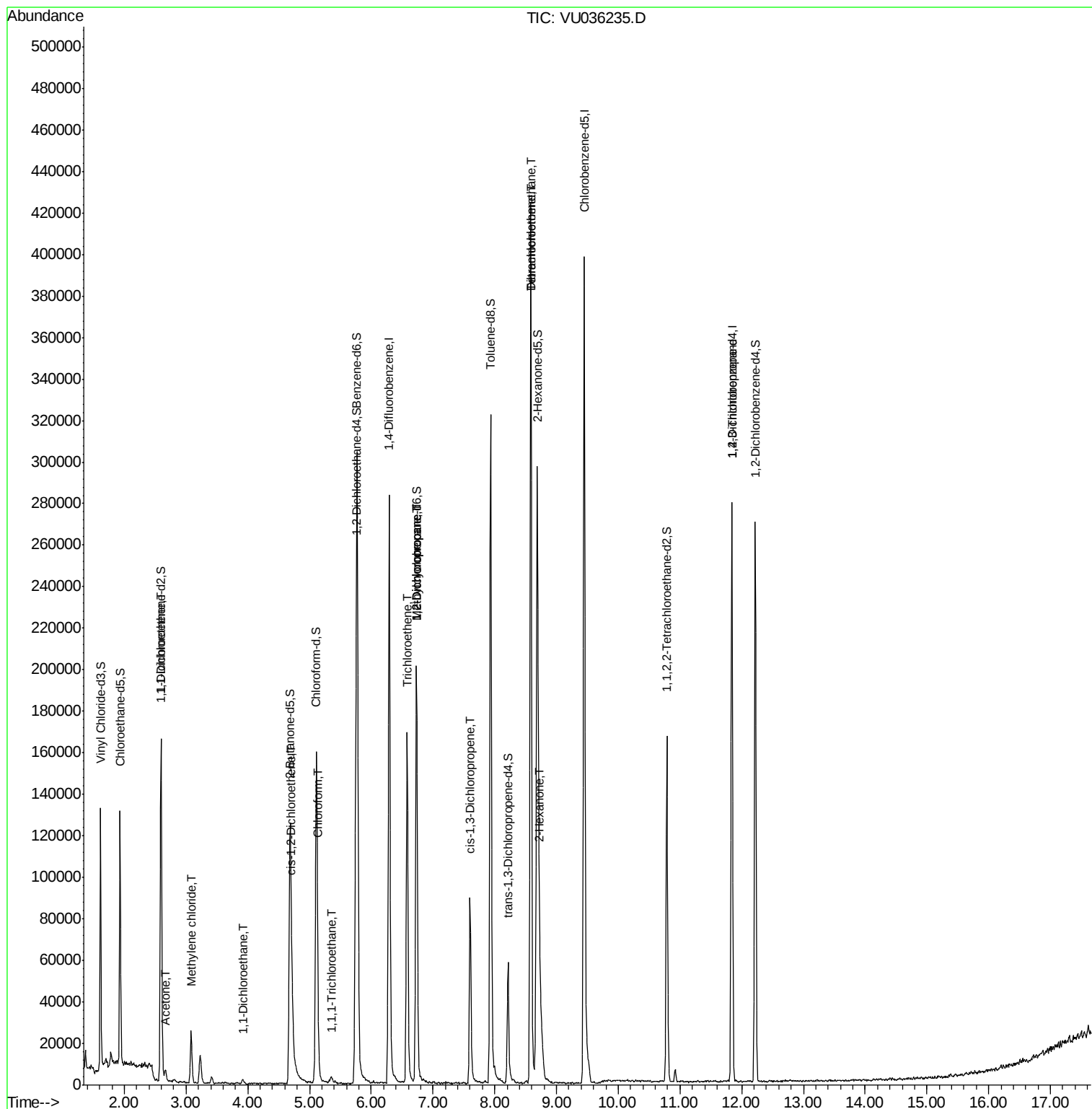
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

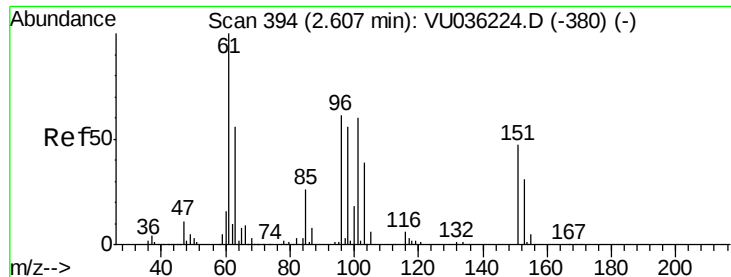
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.244 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036235.D

Acq: 16 Dec 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

BFE63DL

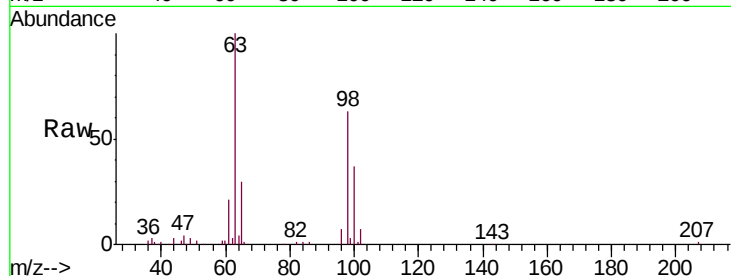
Tgt Ion: 96 Resp: 4301

Ion Ratio Lower Upper

96 100

61 287.6 114.0 211.8#

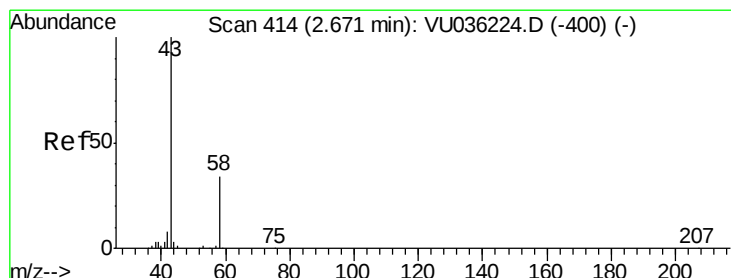
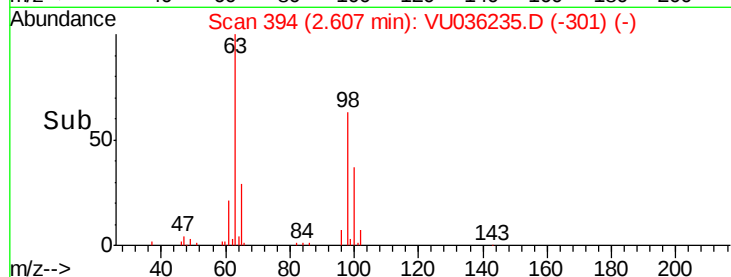
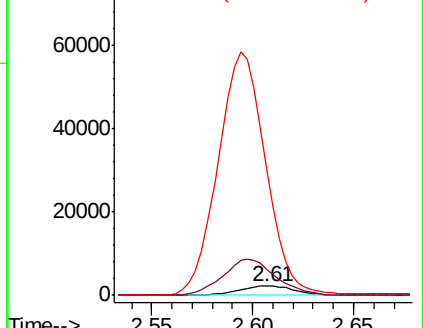
63 1378.5 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.821 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036235.D

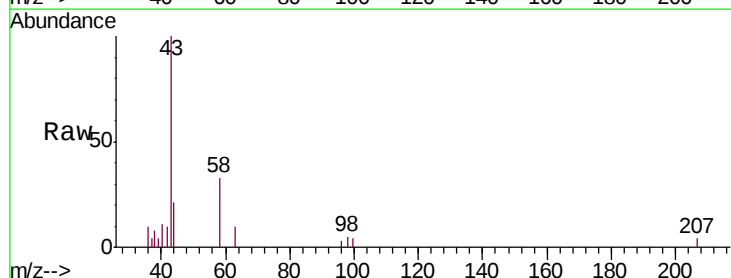
Acq: 16 Dec 2019 15:42

Tgt Ion: 43 Resp: 6234

Ion Ratio Lower Upper

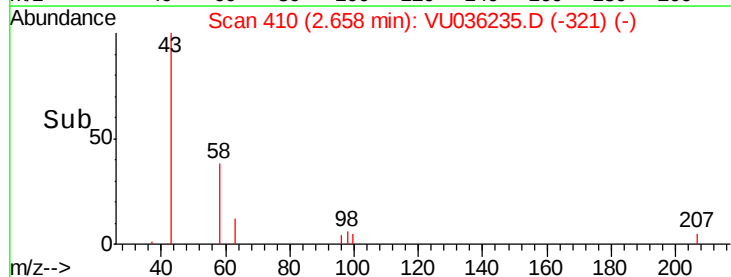
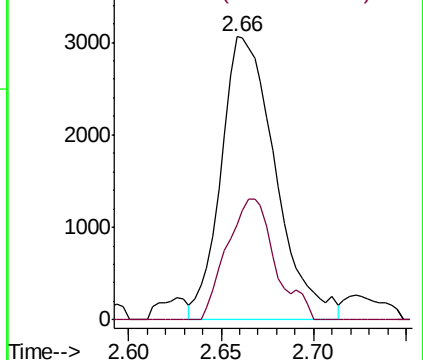
43 100

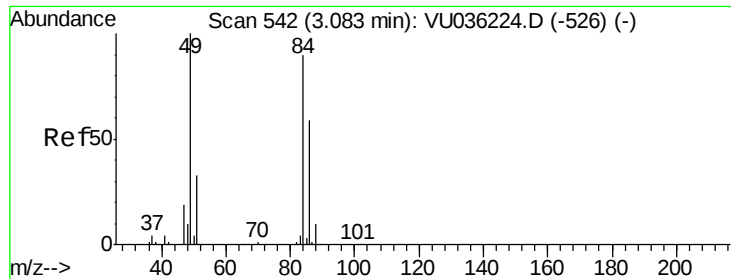
58 37.9 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

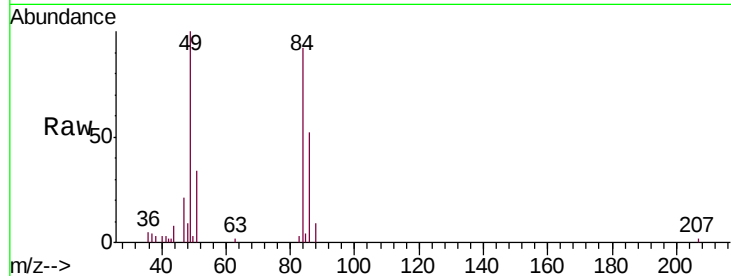




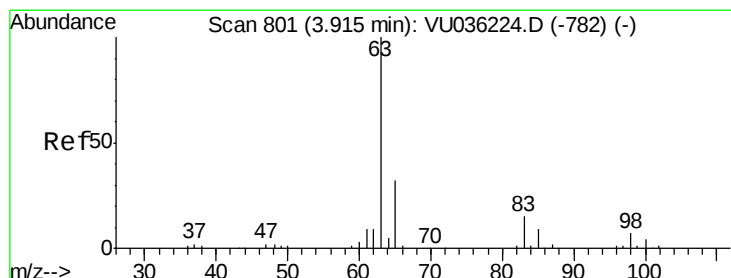
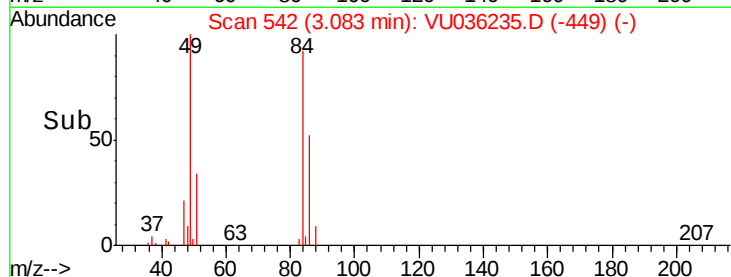
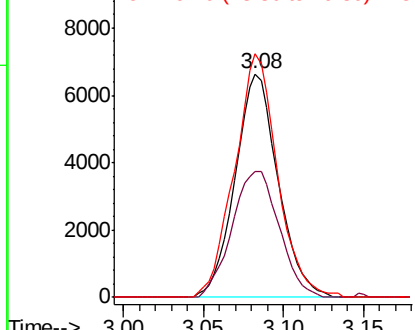
#16
Methylene chloride
Concen: 0.467 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036235.D
Acq: 16 Dec 2019 15:42

Instrument :
MSVOA_U
ClientSampleId :
BFE63DL

Tgt Ion: 84 Resp: 12123
Ion Ratio Lower Upper
84 100
86 56.5 43.0 79.8
49 108.9 77.3 143.5

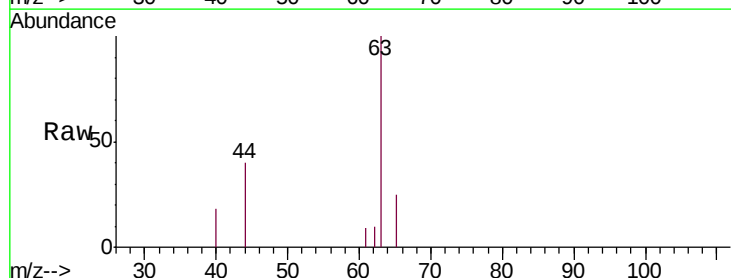


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

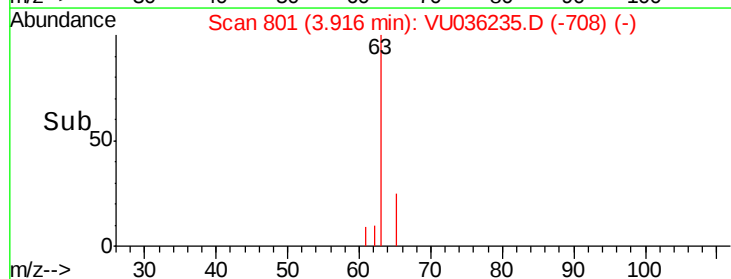
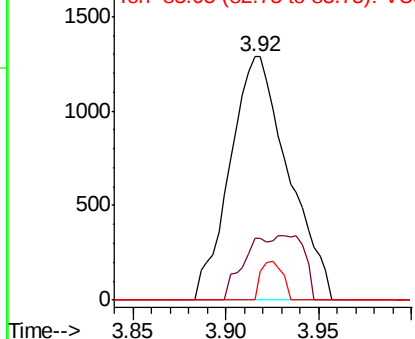


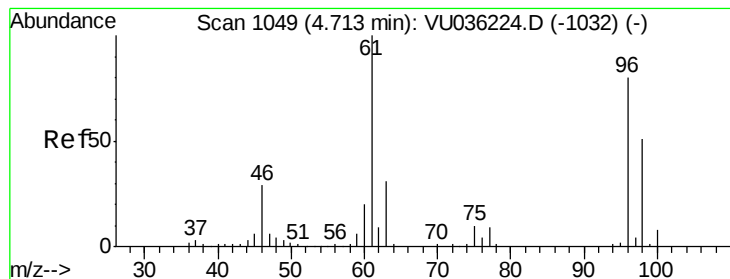
#19
1,1-Dichloroethane
Concen: 0.082 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.00 min
Lab File: VU036235.D
Acq: 16 Dec 2019 15:42

Tgt Ion: 63 Resp: 2805
Ion Ratio Lower Upper
63 100
65 25.2 22.6 42.0
83 0.0 9.7 18.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.631 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036235.D

Acq: 16 Dec 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

BFE63DL

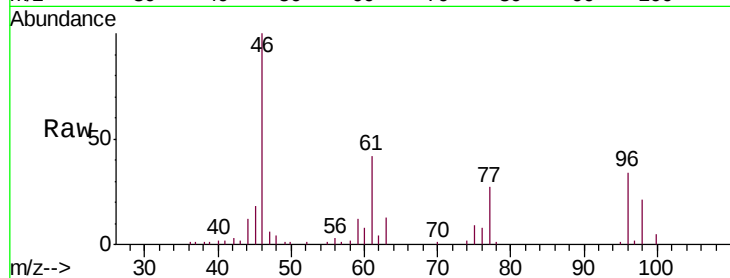
Tgt Ion: 96 Resp: 12516

Ion Ratio Lower Upper

96 100

61 124.7 86.7 161.1

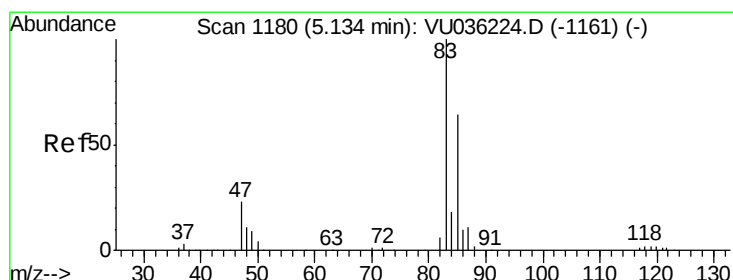
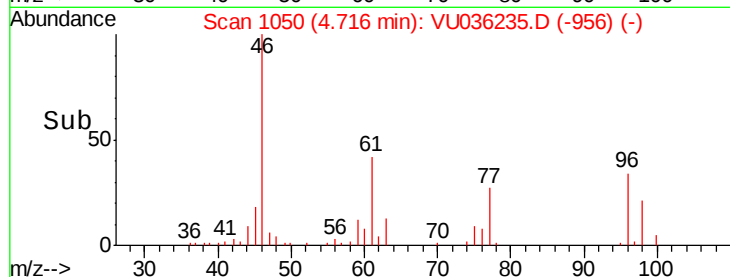
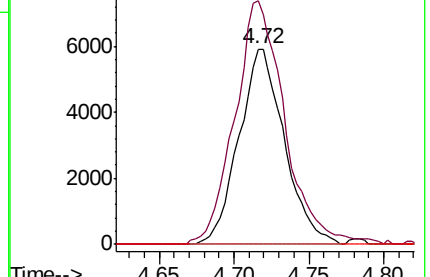
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036224.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036224.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036224.D (-1032) (-)



#25

Chloroform

Concen: 0.313 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036235.D

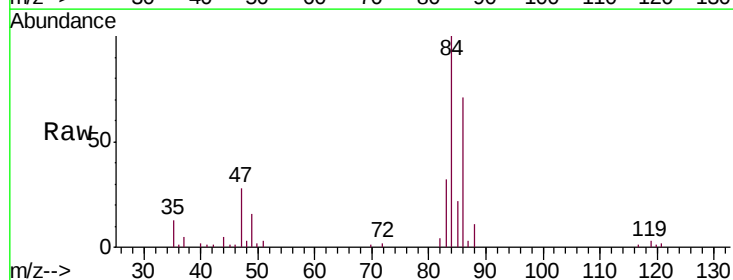
Acq: 16 Dec 2019 15:42

Tgt Ion: 83 Resp: 11572

Ion Ratio Lower Upper

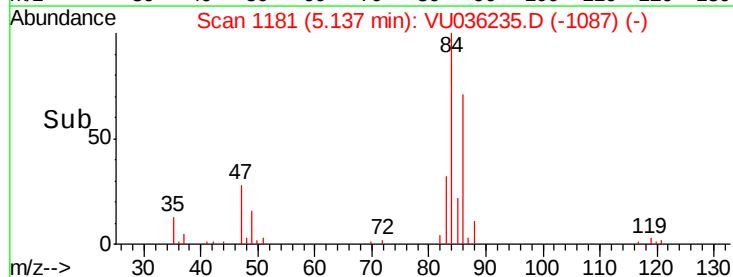
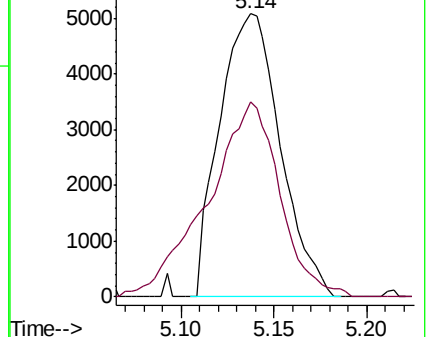
83 100

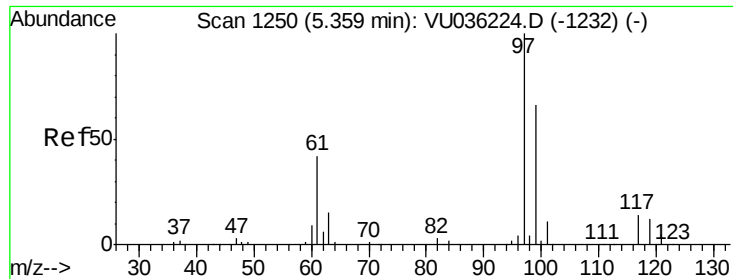
85 69.0 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU036224.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU036224.D (-1161) (-)

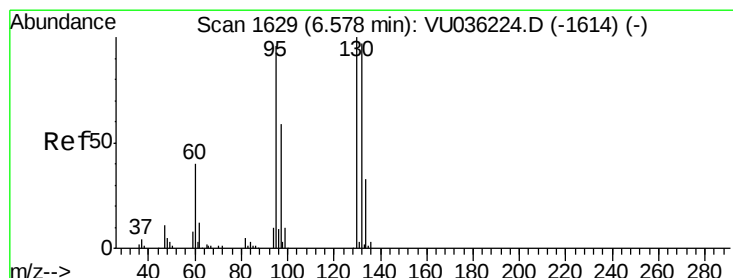
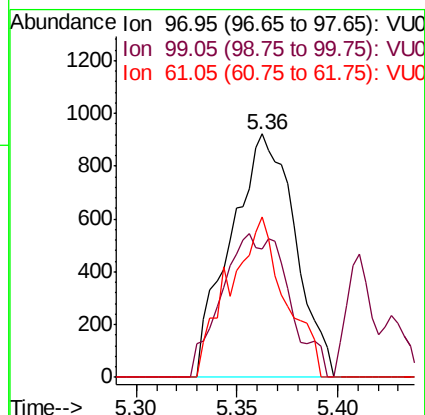
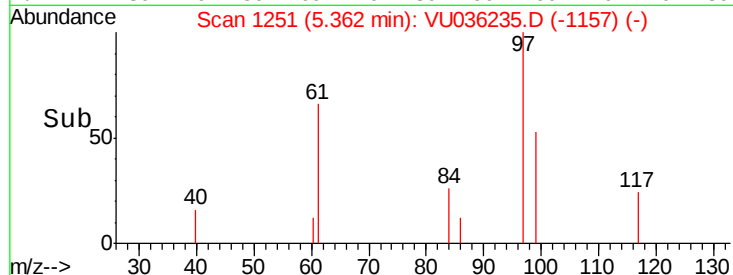
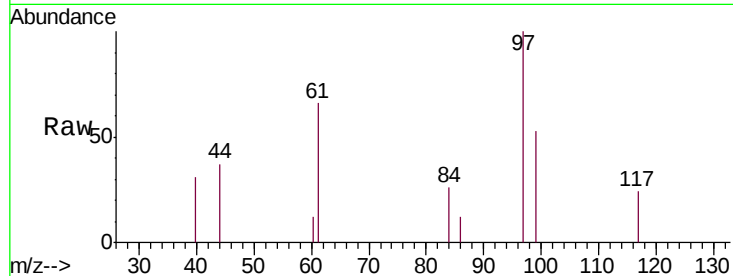




#29
 1,1,1-Trichloroethane
 Concen: 0.062 ug/L
 RT: 5.36 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU036235.D
 Acq: 16 Dec 2019 15:42

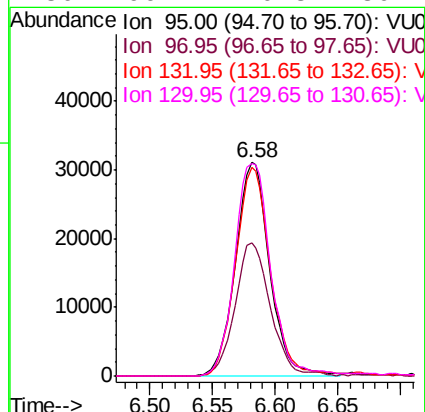
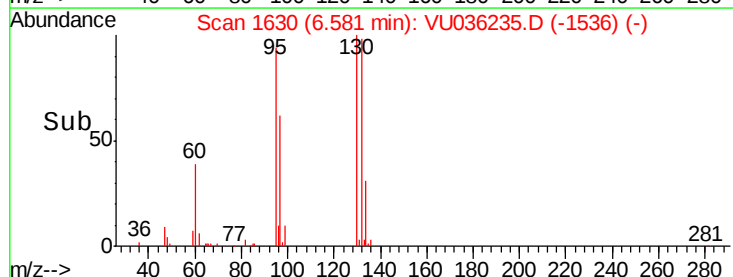
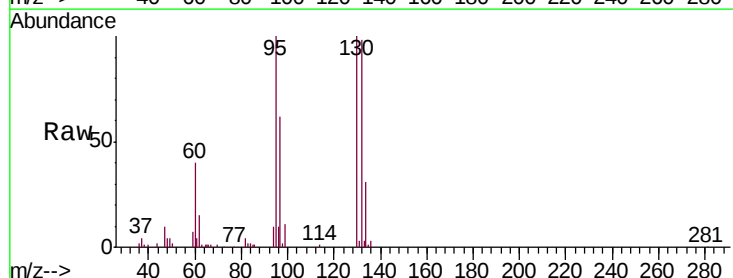
Instrument :
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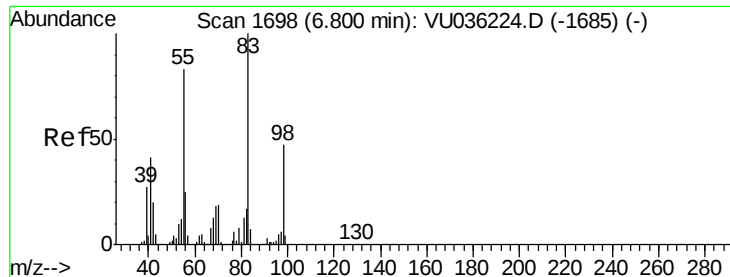
Tgt Ion: 97 Resp: 2045
 Ion Ratio Lower Upper
 97 100
 99 37.6 51.4 77.2#
 61 57.0 35.0 52.6#



#34
 Trichloroethene
 Concen: 2.804 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036235.D
 Acq: 16 Dec 2019 15:42

Tgt Ion: 95 Resp: 59144
 Ion Ratio Lower Upper
 95 100
 97 62.2 43.6 81.0
 132 97.6 69.6 129.2
 130 99.7 70.3 130.7

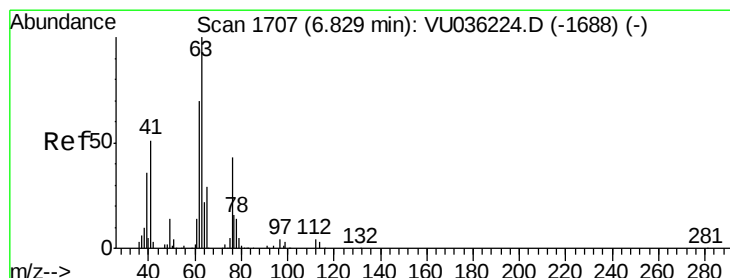
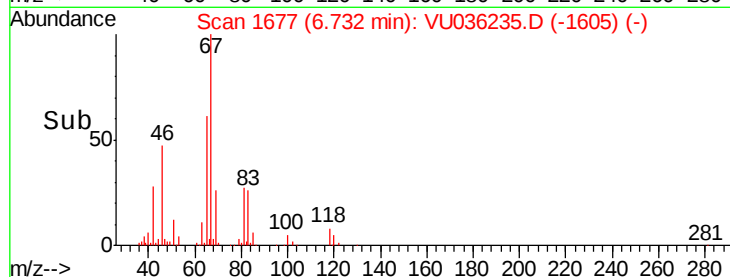
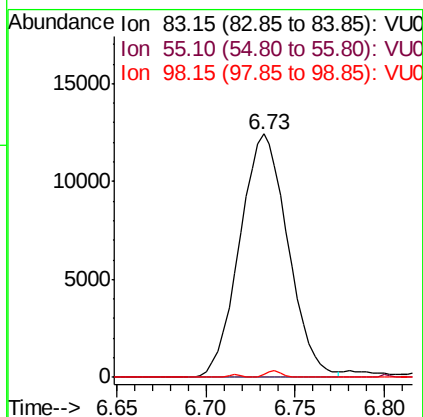
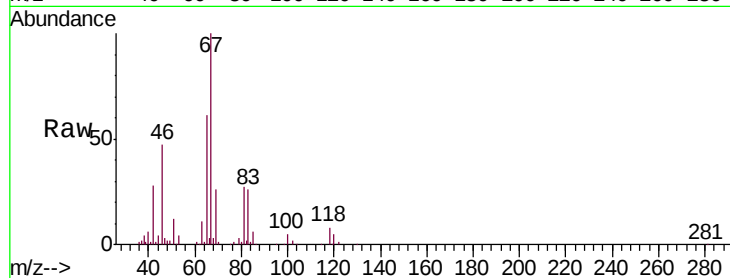




#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036235.D
Acq: 16 Dec 2019 15:42

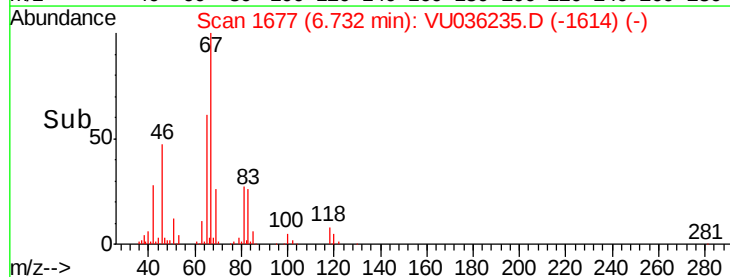
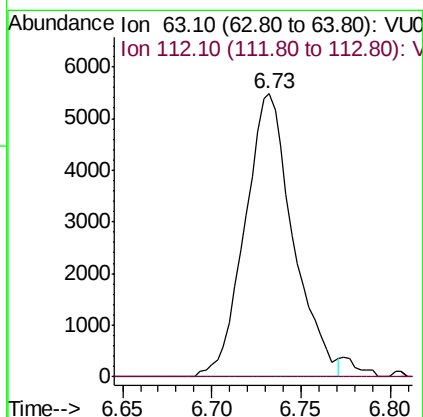
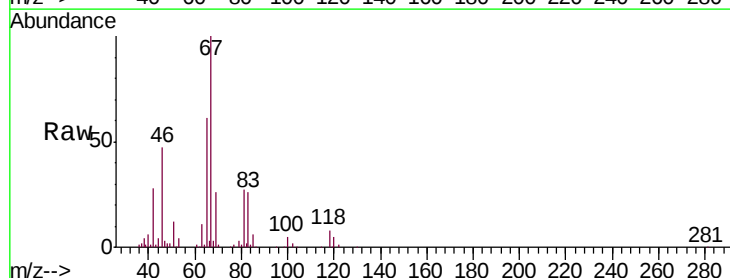
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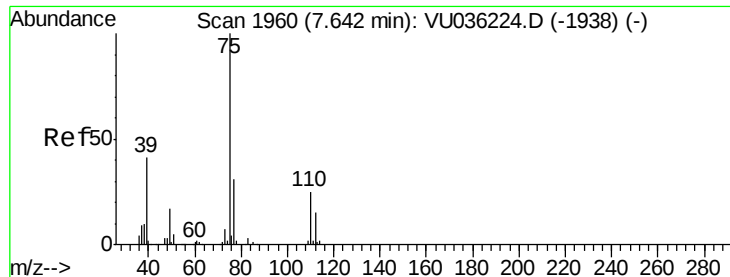
Tgt Ion: 83 Resp: 23472
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.9 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036235.D
Acq: 16 Dec 2019 15:42

Tgt Ion: 63 Resp: 10327
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

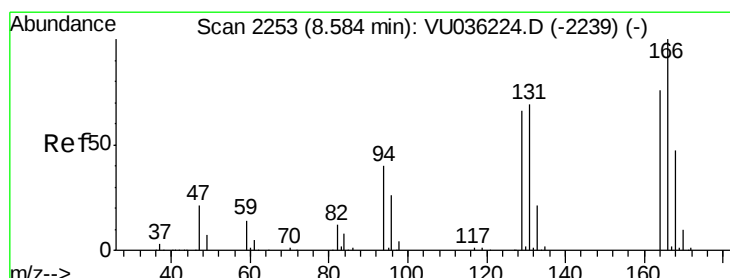
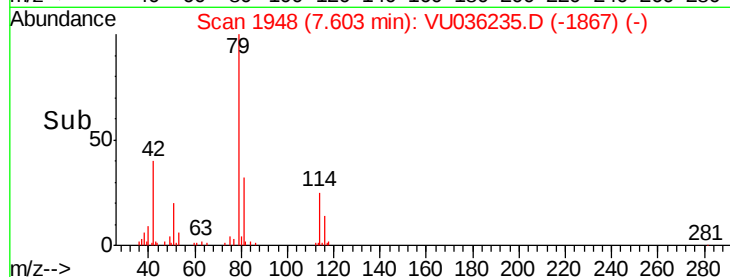
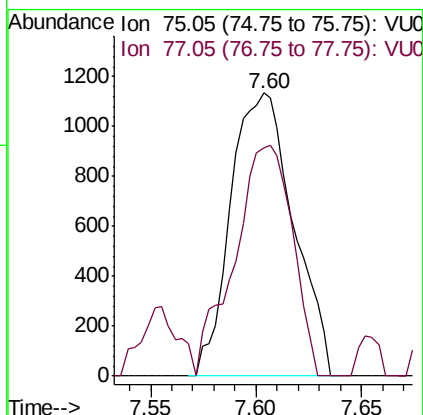
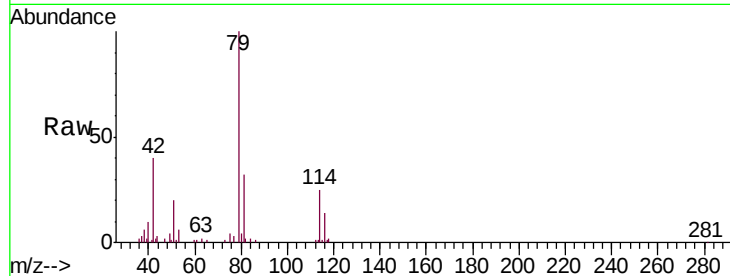




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036235.D
 Acq: 16 Dec 2019 15:42

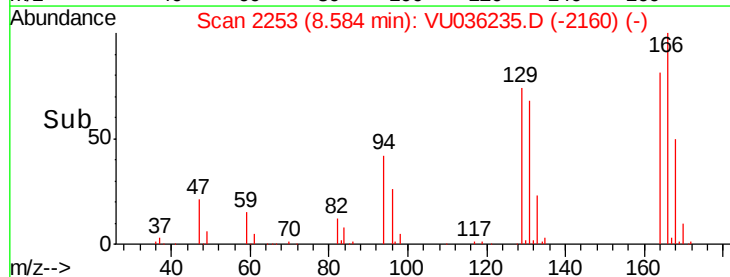
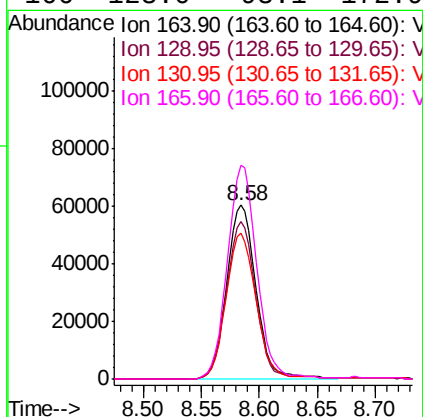
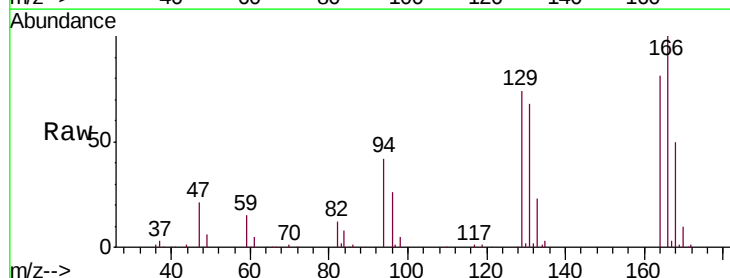
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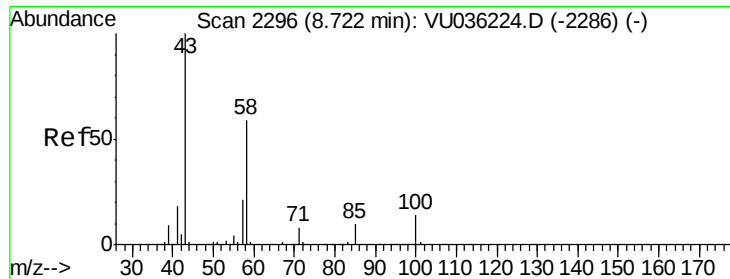
Tgt Ion: 75 Resp: 2347
 Ion Ratio Lower Upper
 75 100
 77 80.6 22.7 42.1#



#47
 Tetrachloroethene
 Concen: 5.504 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU036235.D
 Acq: 16 Dec 2019 15:42

Tgt Ion: 164 Resp: 104868
 Ion Ratio Lower Upper
 164 100
 129 90.8 64.2 119.2
 131 83.9 66.6 123.8
 166 123.0 93.1 172.9

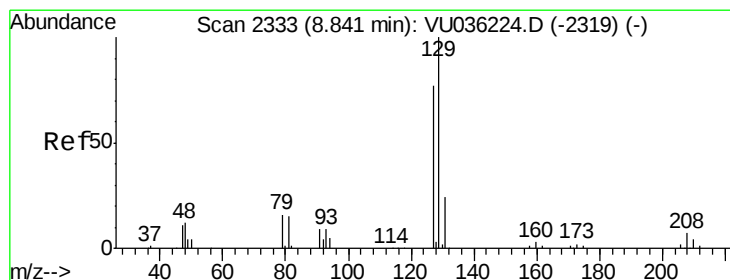
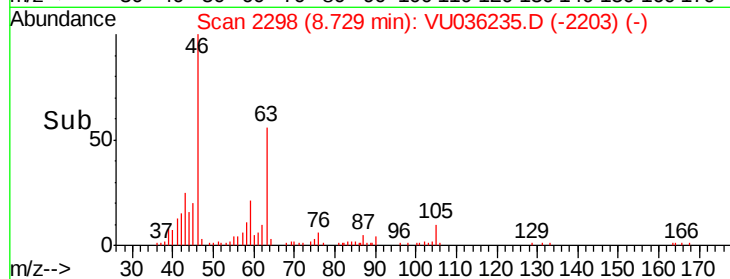
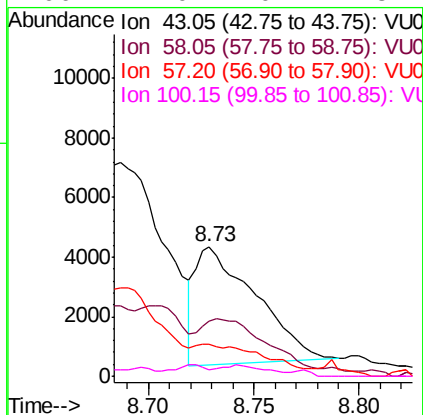
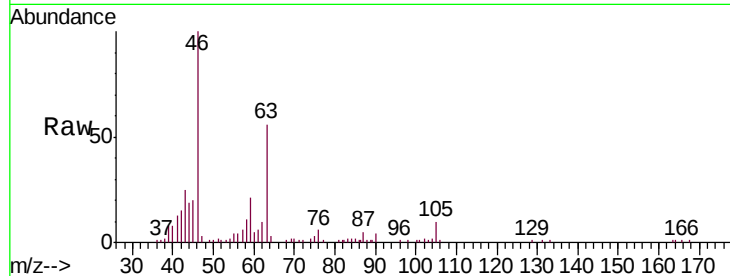




#48
2-Hexanone
Concen: 0.958 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.01 min
Lab File: VU036235.D
Acq: 16 Dec 2019 15:42

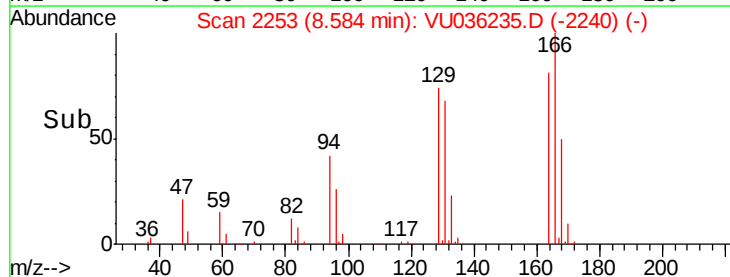
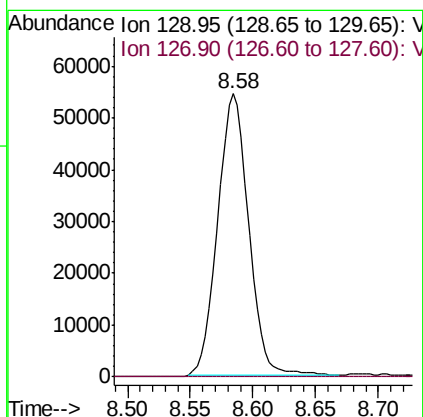
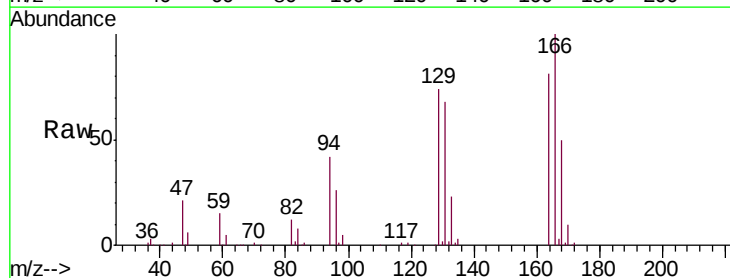
Instrument :
MSVOA_U
ClientSampleId :
BFE63DL

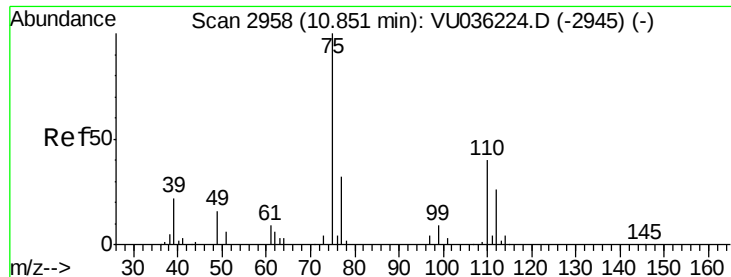
Tgt Ion: 43 Resp: 7808
Ion Ratio Lower Upper
43 100
58 47.4 46.2 69.2
57 0.0 16.2 24.4#
100 7.0 10.2 15.4#



#49
Dibromochloromethane
Concen: 4.820 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036235.D
Acq: 16 Dec 2019 15:42

Tgt Ion: 129 Resp: 93189
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#





#59

1,2,3-Trichloropropane

Concen: 0.624 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036235.D

Acq: 16 Dec 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

BFE63DL

Tgt Ion: 75 Resp: 8664

Ion Ratio Lower Upper

75 100

77 41.6 27.2 40.8#

