

Data File : VU028987.D
Acq On : 02 Jan 2019 13:46
Operator : MD/SY
Sample : J6593-01DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE803DL

Quant Time: Jan 03 03:51:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 03 03:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	91561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30558	5.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.60%
7) Chloroethane-d5	1.68	69	25279	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.27	63	41998	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.19	46	76293	56.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.20%
24) Chloroform-d	4.65	84	53106	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.31	65	27242	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.34	84	116266	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.33	67	39457	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.56	98	103581	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.85	79	14234	5.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.60%
46) 2-Hexanone-d5	8.31	63	70609	60.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29074	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	38402	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.43	85	2451	0.290 ug/L	96
8) Chloroethane	1.70	64	43767	7.971 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	311	0.044 ug/L #	19
13) Acetone	2.32	43	1233	1.133 ug/L	88
16) Methylene chloride	2.70	84	2081	0.211 ug/L	95
19) 1,1-Dichloroethane	3.44	63	643	0.050 ug/L #	88
27) 1,2-Dichloroethane	5.39	62	2837	0.392 ug/L #	73
33) Benzene	5.39	78	346736	11.843 ug/L	100
35) Methylcyclohexane	6.33	83	8457	0.658 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	3654	0.490 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	883	0.083 ug/L #	64
42) Toluene	7.64	91	1631	0.052 ug/L	95
48) 2-Hexanone	8.31	43	7372	2.685 ug/L #	63
51) Chlorobenzene	9.12	112	1476	0.075 ug/L #	84
52) Ethylbenzene	9.25	91	1355	0.041 ug/L	96
56) Isopropylbenzene	10.17	105	9142	0.282 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	4678	1.076 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010219\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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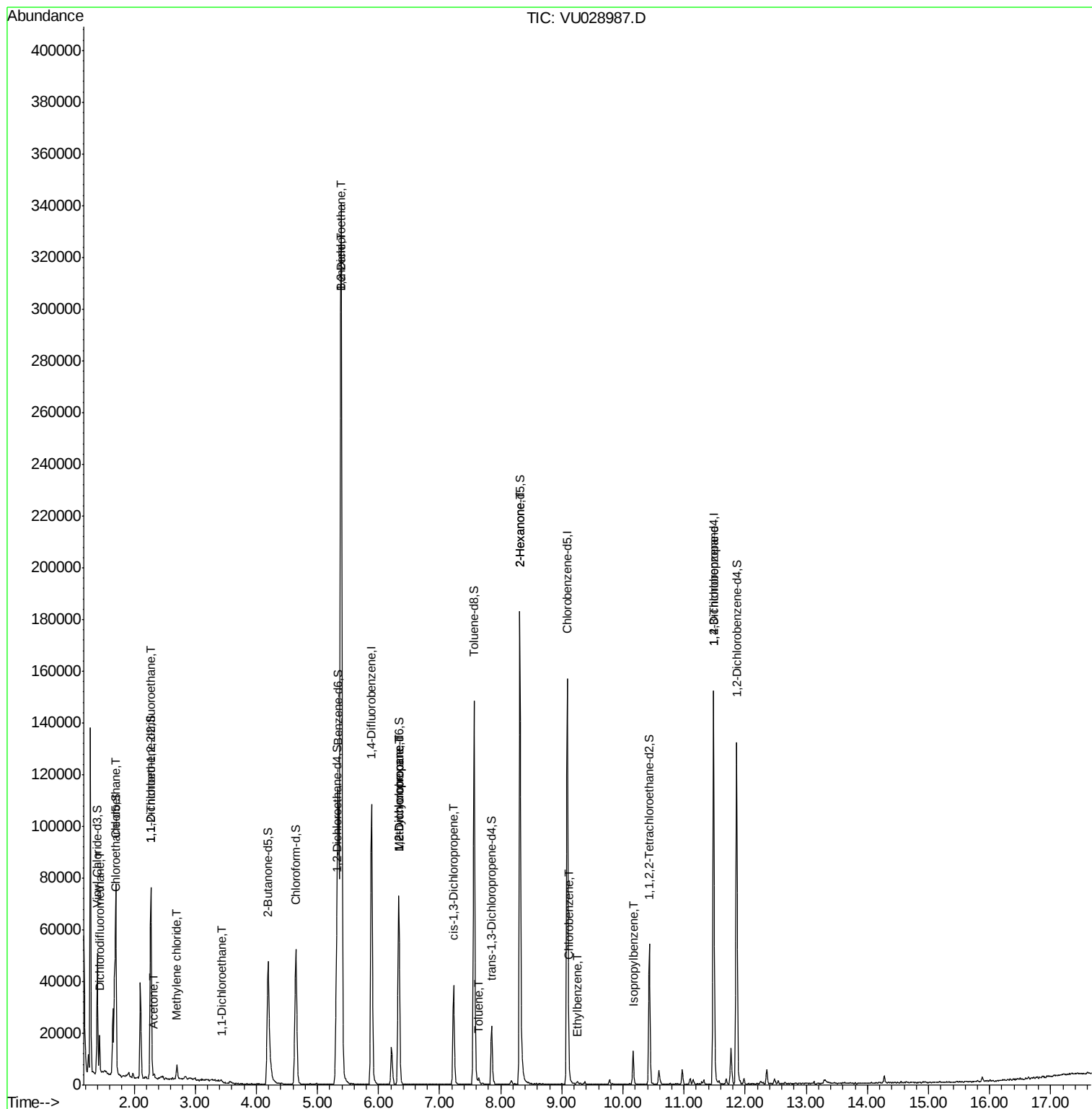
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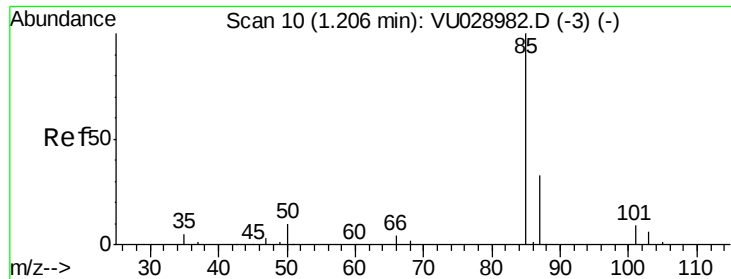
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 03 03:47:56 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.290 ug/L

RT: 1.43 min Scan# 81

Delta R.T. 0.23 min

Lab File: VU028987.D

Acq: 02 Jan 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

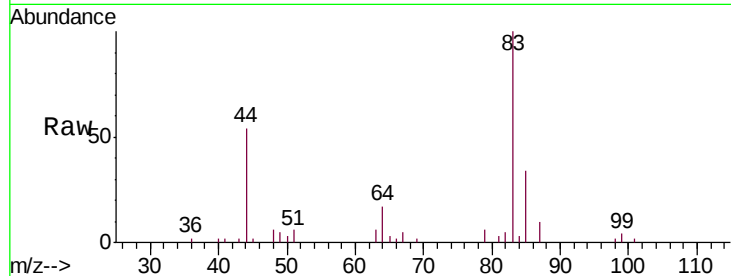
BE803DL

Tgt Ion: 85 Resp: 2451

Ion Ratio Lower Upper

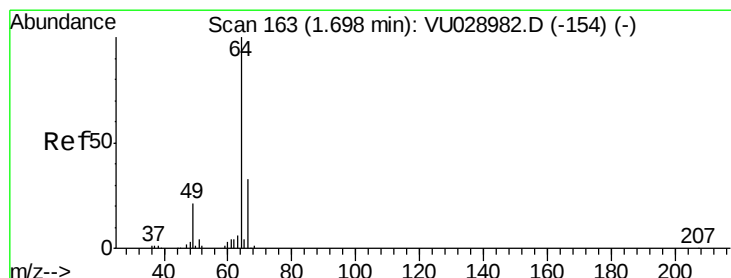
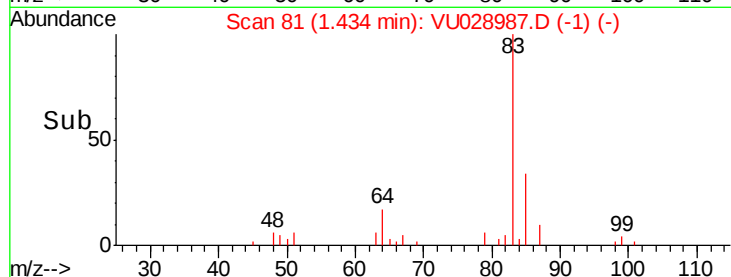
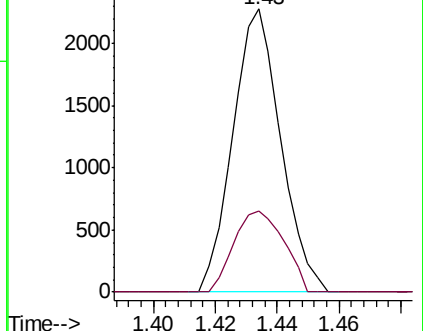
85 100

87 29.9 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#8

Chloroethane

Concen: 7.971 ug/L

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028987.D

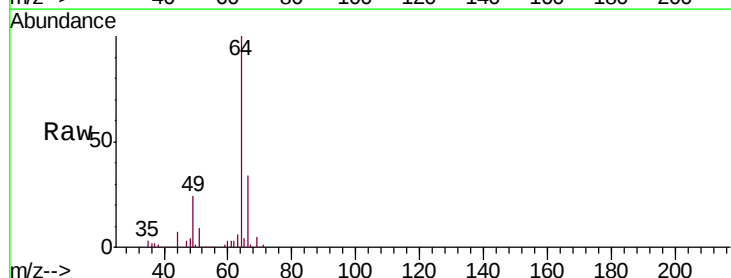
Acq: 02 Jan 2019 13:46

Tgt Ion: 64 Resp: 43767

Ion Ratio Lower Upper

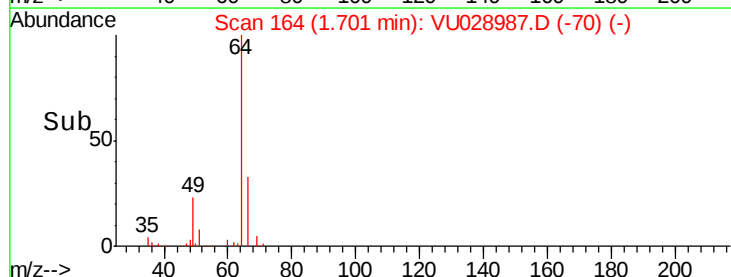
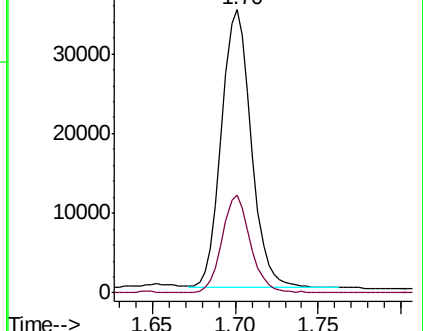
64 100

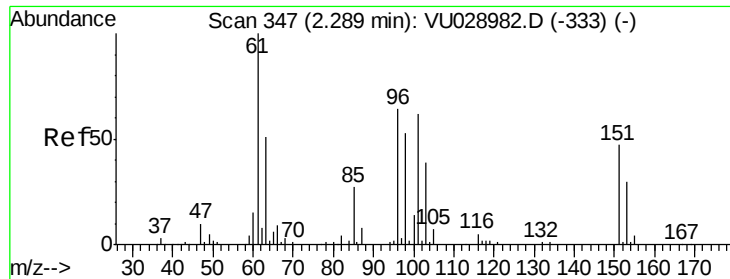
66 34.4 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.044 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028987.D

Acq: 02 Jan 2019 13:46

Instrument :

MSVOA_U

ClientSampled :

BE803DL

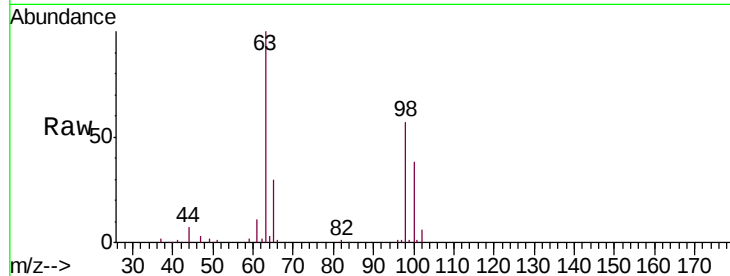
Tgt Ion:101 Resp: 311

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

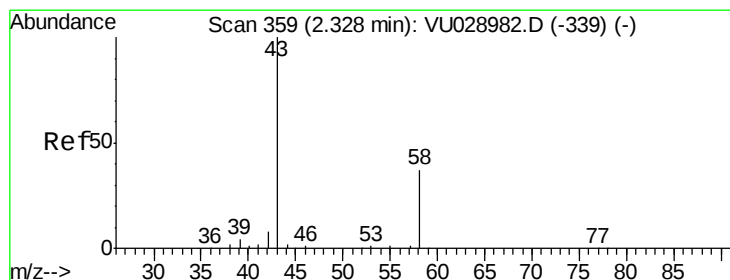
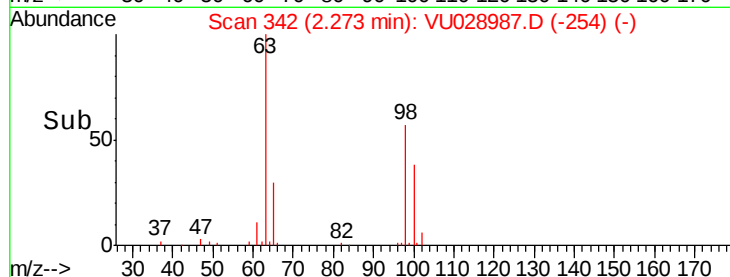
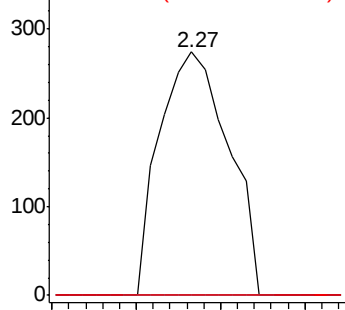
151 0.0 60.9 91.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.133 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028987.D

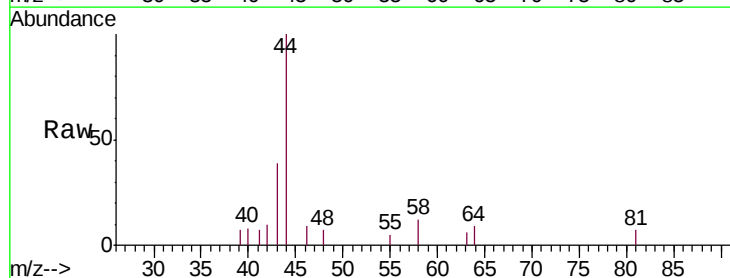
Acq: 02 Jan 2019 13:46

Tgt Ion: 43 Resp: 1233

Ion Ratio Lower Upper

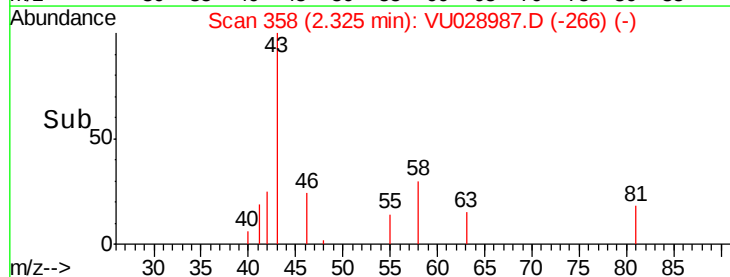
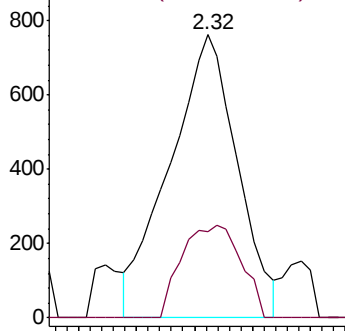
43 100

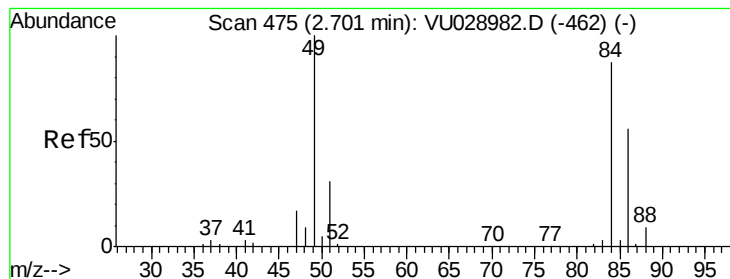
58 28.7 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#16

Methylene chloride

Concen: 0.211 ug/L

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028987.D

Acq: 02 Jan 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

BE803DL

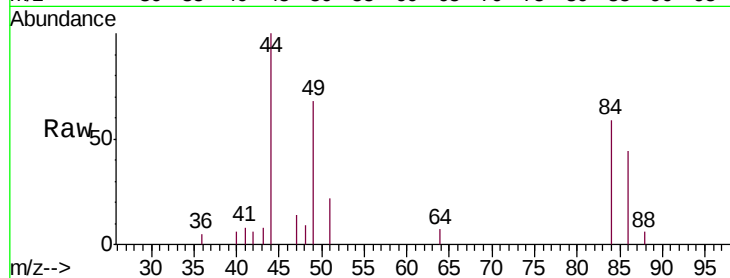
Tgt Ion: 84 Resp: 2081

Ion Ratio Lower Upper

84 100

86 74.7 45.6 84.6

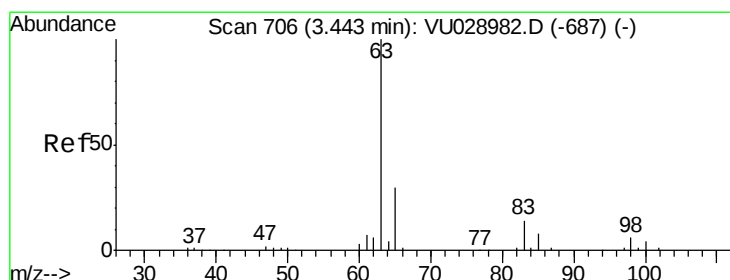
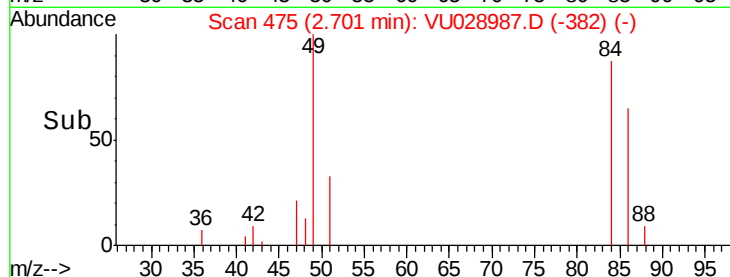
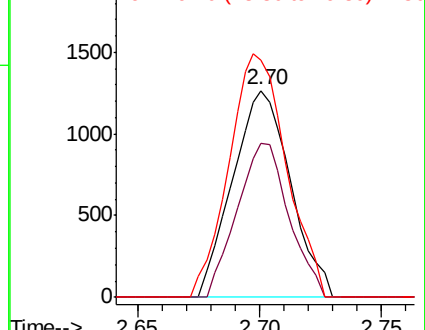
49 114.5 79.7 148.1



Abundance Ion 84.05 (83.75 to 84.75): VU0

2000 Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#19

1,1-Dichloroethane

Concen: 0.050 ug/L

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU028987.D

Acq: 02 Jan 2019 13:46

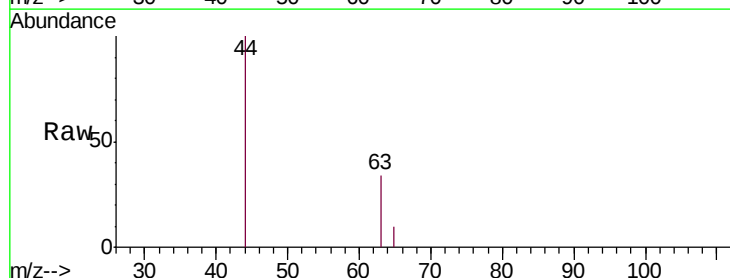
Tgt Ion: 63 Resp: 643

Ion Ratio Lower Upper

63 100

65 29.5 21.8 40.6

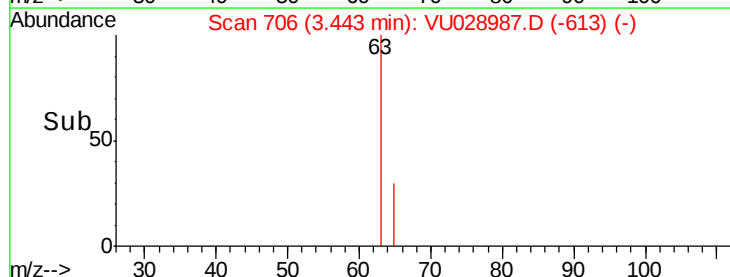
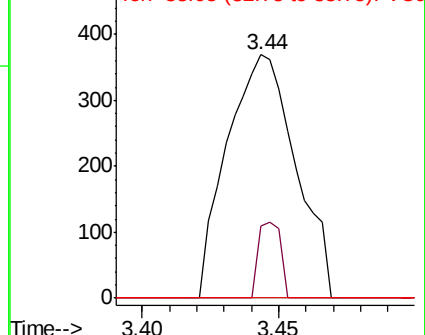
83 0.0 9.3 17.3#

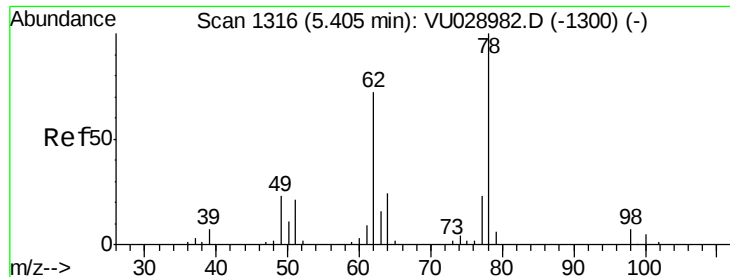


Abundance Ion 63.10 (62.80 to 63.80): VU0

500 Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#27

1,2-Dichloroethane

Concen: 0.392 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VU028987.D

Acq: 02 Jan 2019 13:46

Instrument :

MSVOA_U

ClientSampleID :

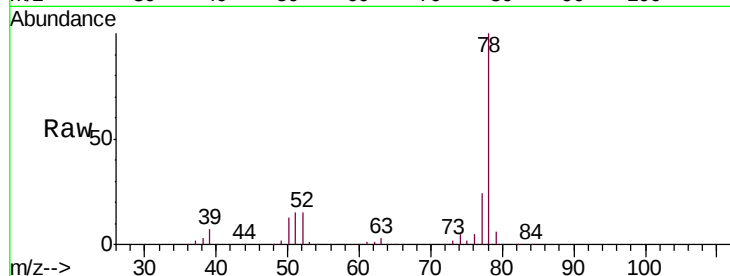
BE803DL

Tgt Ion: 62 Resp: 2837

Ion Ratio Lower Upper

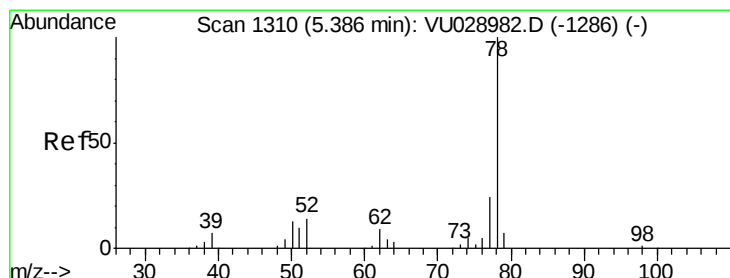
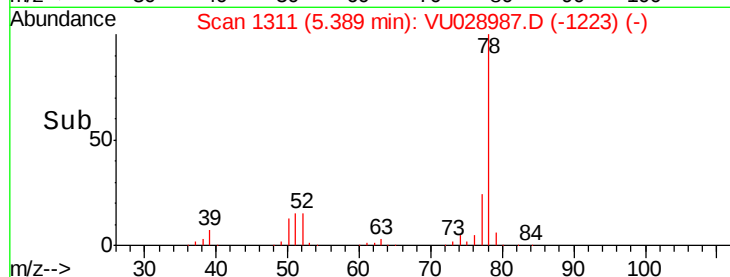
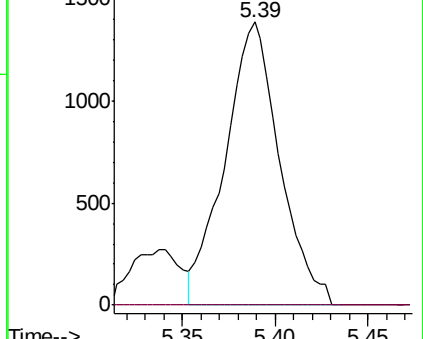
62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#33

Benzene

Concen: 11.843 ug/L

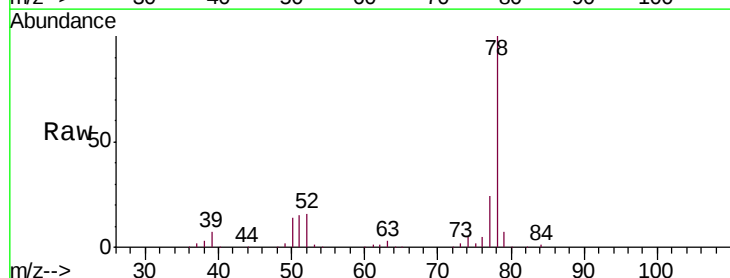
RT: 5.39 min Scan# 1310

Delta R.T. 0.00 min

Lab File: VU028987.D

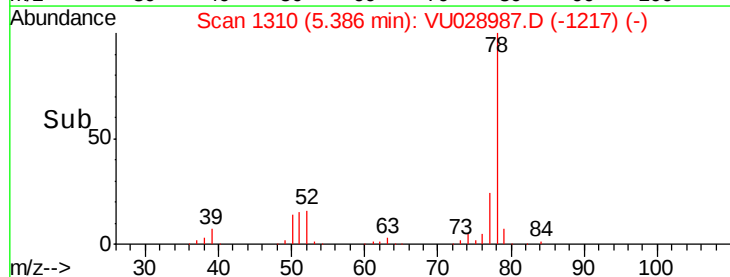
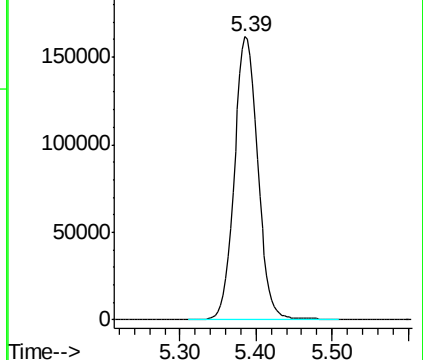
Acq: 02 Jan 2019 13:46

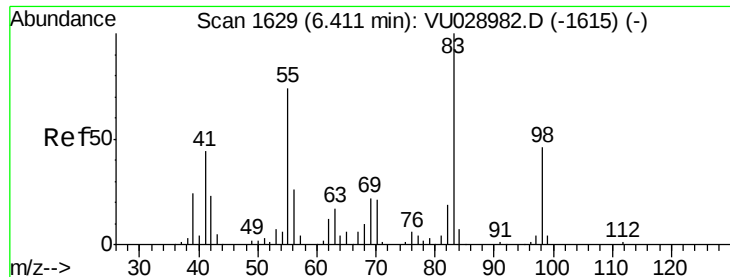
Tgt Ion: 78 Resp: 346736



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 78.10 (77.80 to 78.80): VU0

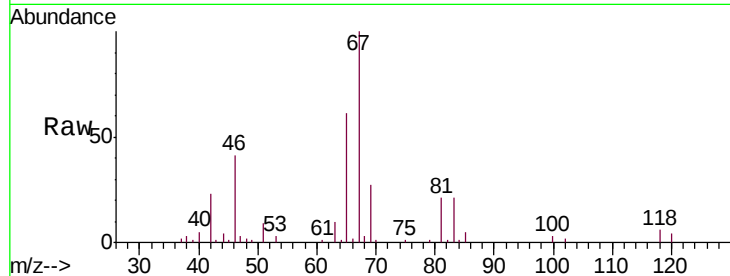




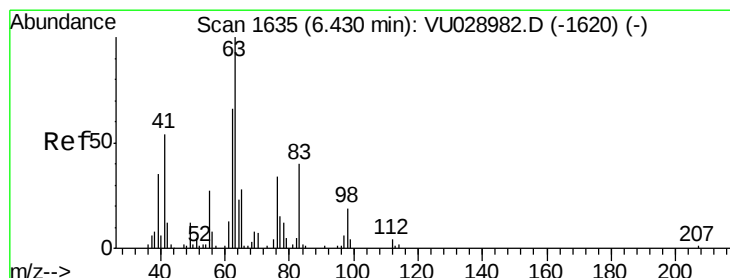
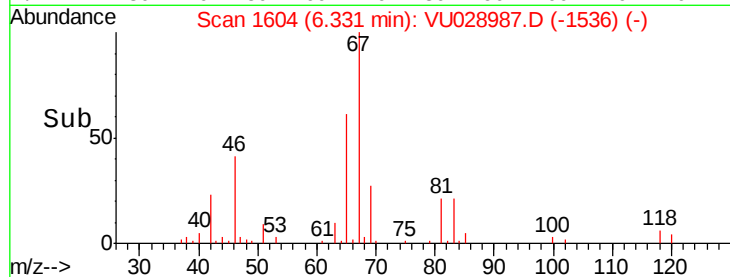
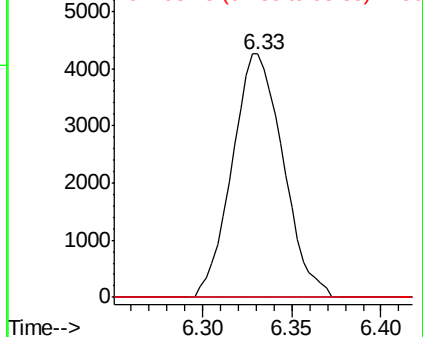
#35
Methylcyclohexane
Concen: 0.658 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028987.D
Acq: 02 Jan 2019 13:46

Instrument :
MSVOA_U
ClientSampleId :
BE803DL

Tgt Ion: 83 Resp: 8457
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.0 37.0 55.6#

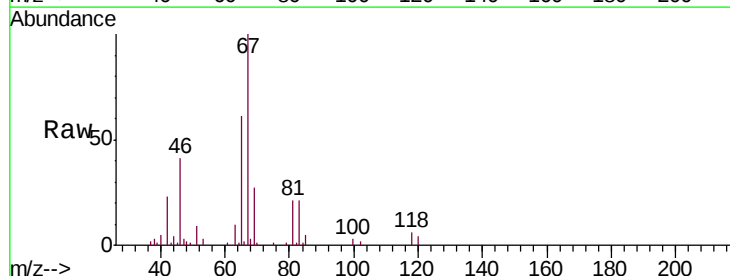


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

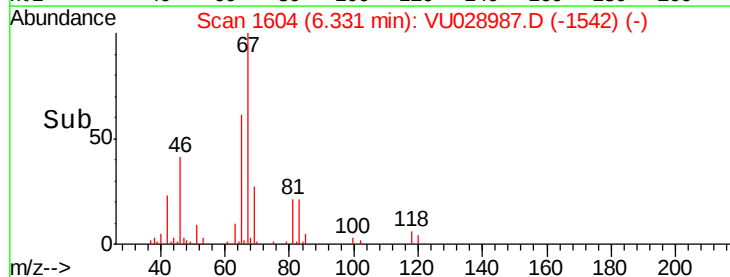
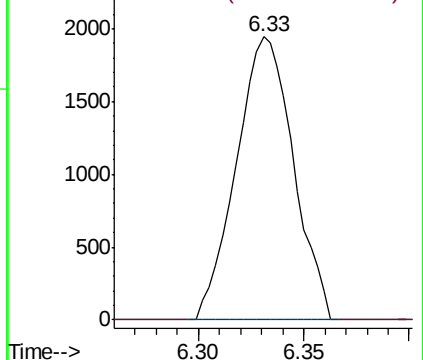


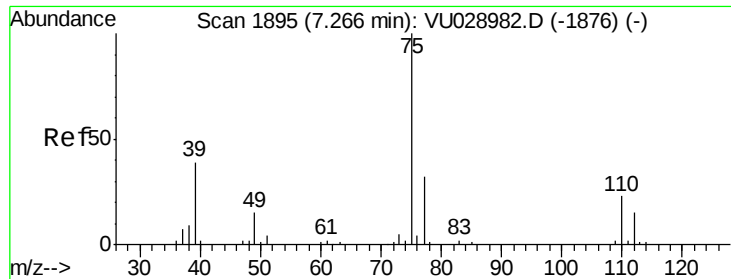
#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028987.D
Acq: 02 Jan 2019 13:46

Tgt Ion: 63 Resp: 3654
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

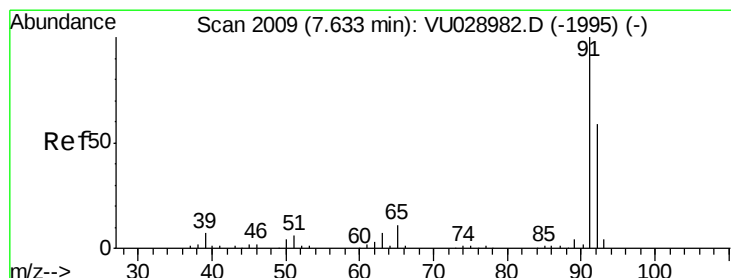
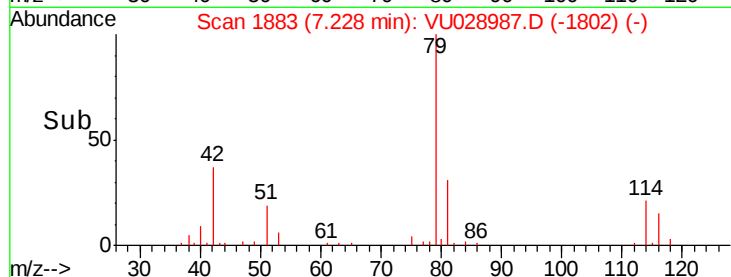
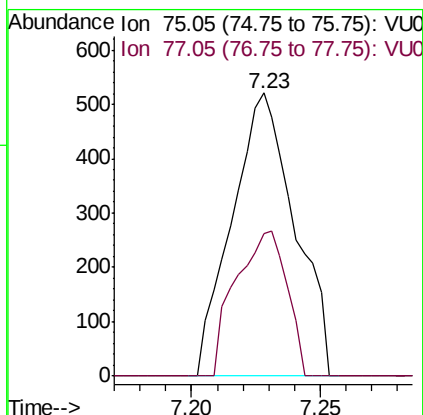
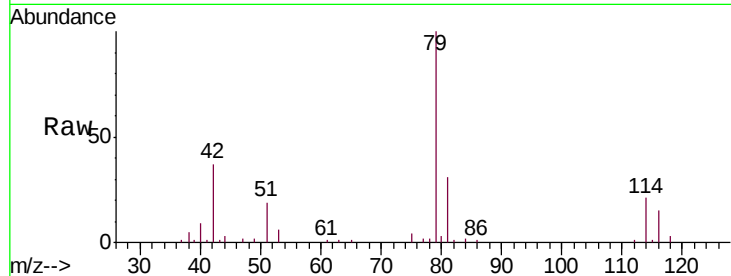




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028987.D
 Acq: 02 Jan 2019 13:46

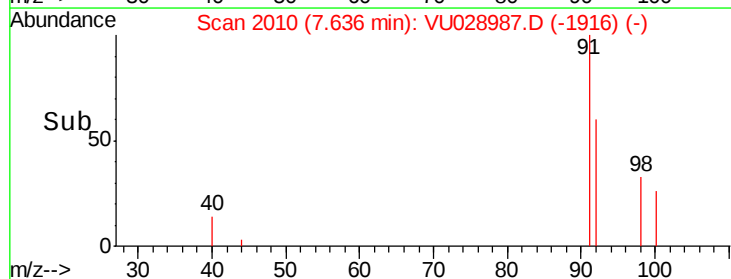
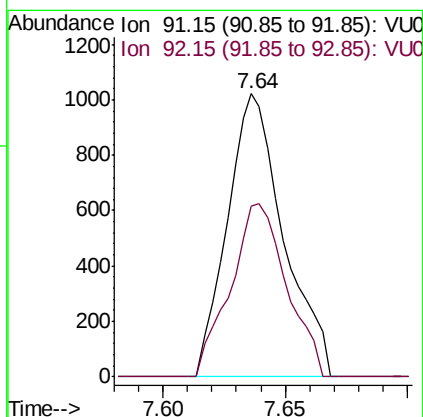
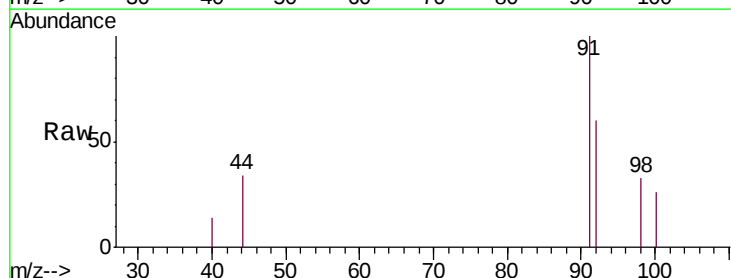
Instrument :
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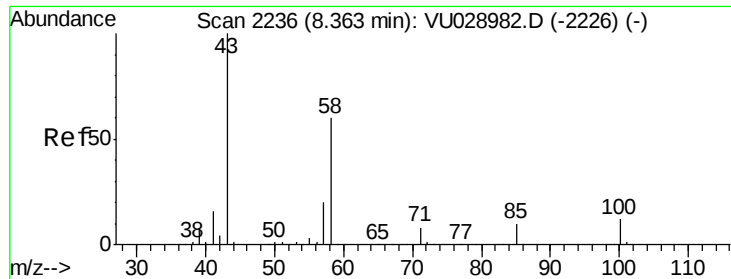
Tgt Ion: 75 Resp: 883
 Ion Ratio Lower Upper
 75 100
 77 50.3 21.5 39.9#



#42
 Toluene
 Concen: 0.052 ug/L
 RT: 7.64 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU028987.D
 Acq: 02 Jan 2019 13:46

Tgt Ion: 91 Resp: 1631
 Ion Ratio Lower Upper
 91 100
 92 60.2 39.3 73.1

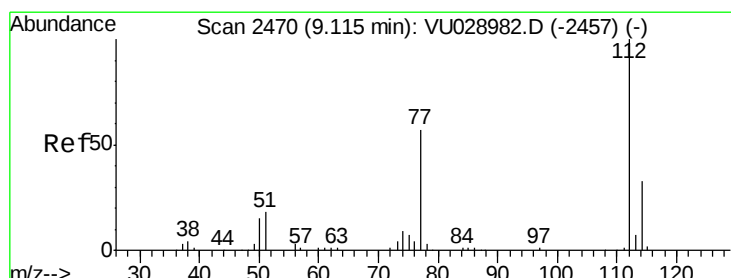
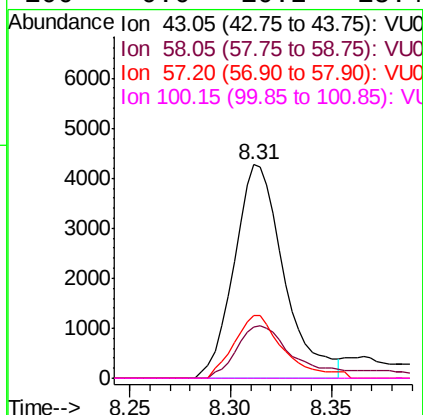
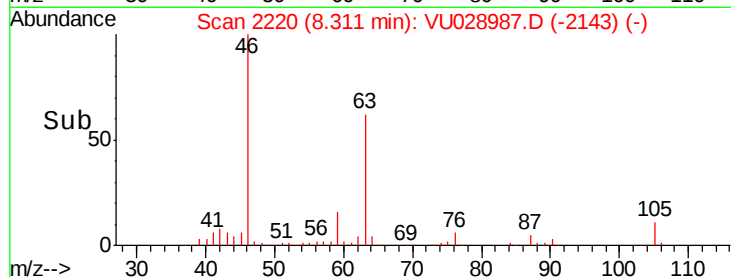
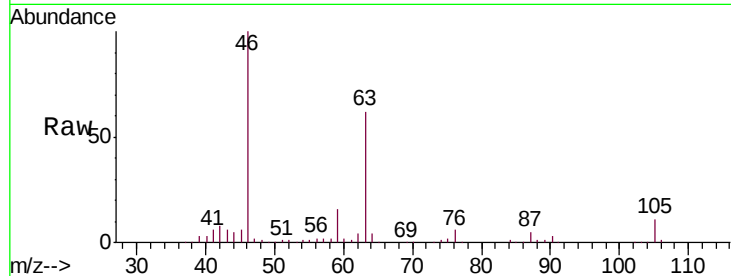




#48
2-Hexanone
Concen: 2.685 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU028987.D
Acq: 02 Jan 2019 13:46

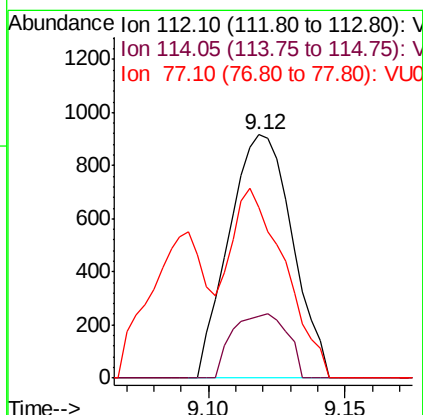
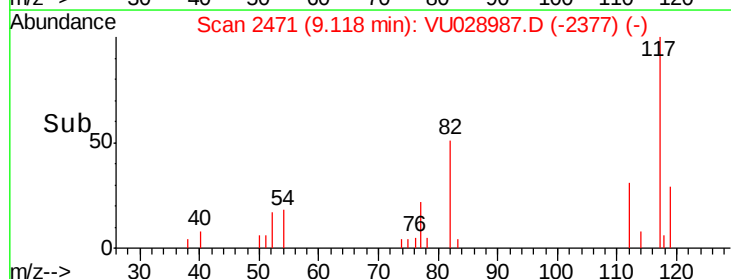
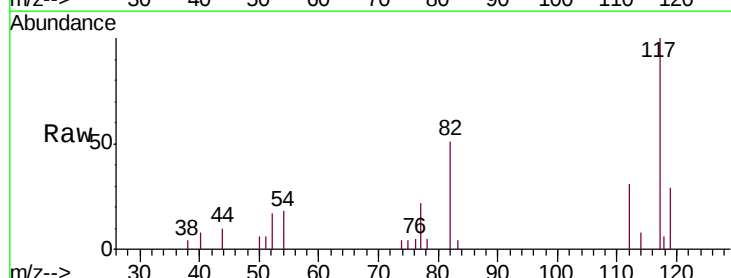
Instrument :
MSVOA_U
ClientSampleID :
BE803DL

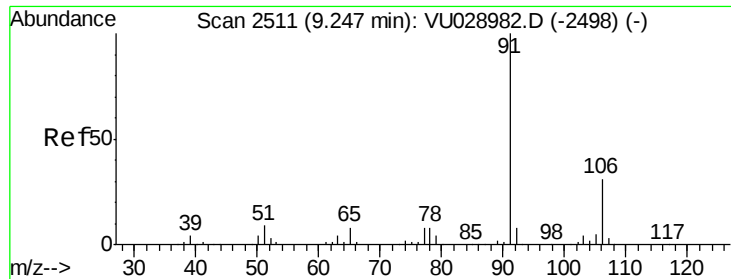
Tgt Ion: 43 Resp: 7372
Ion Ratio Lower Upper
43 100
58 27.8 48.8 73.2#
57 29.4 16.0 24.0#
100 0.0 10.2 15.4#



#51
Chlorobenzene
Concen: 0.075 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028987.D
Acq: 02 Jan 2019 13:46

Tgt Ion: 112 Resp: 1476
Ion Ratio Lower Upper
112 100
114 25.5 22.2 41.2
77 70.3 44.9 67.3#





#52

Ethylbenzene

Concen: 0.041 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.01 min

Lab File: VU028987.D

Acq: 02 Jan 2019 13:46

Instrument :

MSVOA_U

ClientSampled :

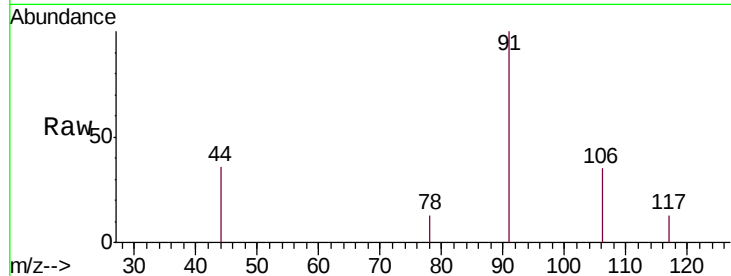
BE803DL

Tgt Ion: 91 Resp: 1355

Ion Ratio Lower Upper

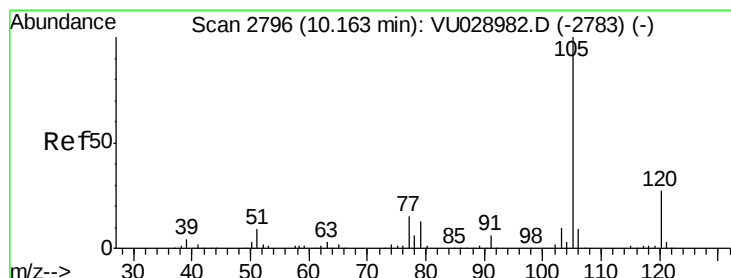
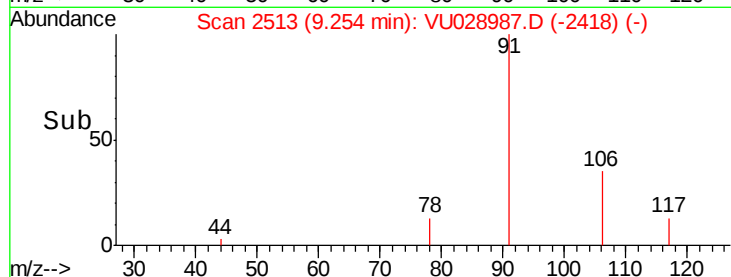
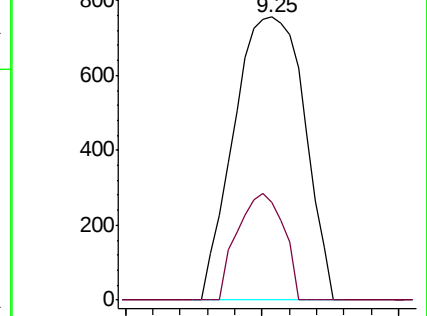
91 100

106 34.7 22.7 42.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#56

Isopropylbenzene

Concen: 0.282 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028987.D

Acq: 02 Jan 2019 13:46

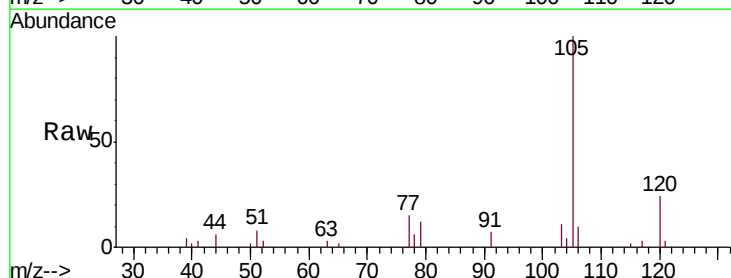
Tgt Ion: 105 Resp: 9142

Ion Ratio Lower Upper

105 100

120 23.9 20.9 31.3

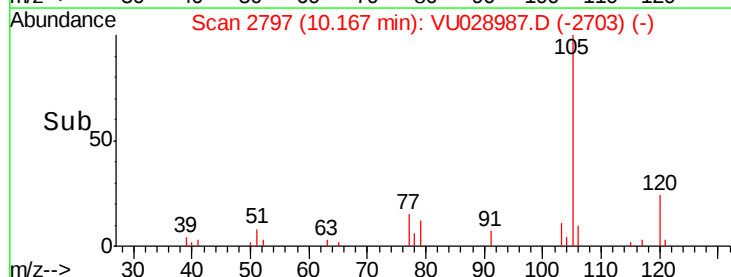
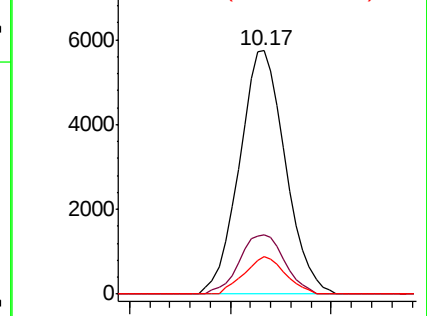
77 13.9 12.0 18.0

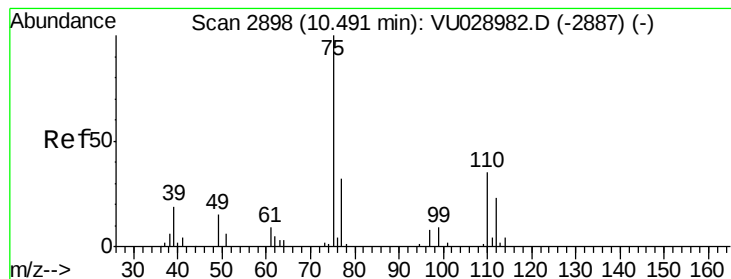


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#59
 1,2,3-Trichloropropane
 Concen: 1.076 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028987.D
 Acq: 02 Jan 2019 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BE803DL

Tgt Ion: 75 Resp: 4678
 Ion Ratio Lower Upper
 75 100
 77 36.0 26.0 39.0

