

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041147.D
 Acq On : 09 Nov 2020 17:41
 Operator : SY/MD
 Sample : L4646-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T8

Quant Time: Nov 10 01:13:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16609	2.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.60%
7) Chloroethane-d5	1.92	69	19694	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	28557	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	4.67	46	78949	41.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.18%
24) Chloroform-d	5.08	84	44031	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.75	65	27719	4.39	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.76	84	78656	4.32	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.70	67	26373	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	77031	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.19	79	14472	5.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.60%
46) 2-Hexanone-d5	8.64	63	74497	53.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.66%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26190	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32890	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Ovalue
3) Chloromethane	1.49	50	17437	2.669 ug/L #	70
5) Vinyl chloride	1.60	62	15735	2.442 ug/L	99
8) Chloroethane	2.17	64	251	0.061 ug/L	100
13) Acetone	2.61	43	102130	78.690 ug/L	80
15) Methyl Acetate	3.06	43	1707523	574.963 ug/L #	53
16) Methylene chloride	3.00	84	12818	2.270 ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	1931	0.155 ug/L #	1
18) trans-1,2-Dichloroethene	3.38	96	7207	1.463 ug/L	91
19) 1,1-Dichloroethane	3.85	63	3727	0.378 ug/L #	1
21) 2-Butanone	4.67	43	44510	21.943 ug/L #	61
22) cis-1,2-Dichloroethene	4.69	96	170734	33.603 ug/L	97
25) Chloroform	5.14	83	49583	5.021 ug/L #	53
27) 1,2-Dichloroethane	5.84	62	1112988	151.317 ug/L #	86
30) Cyclohexane	5.41	56	1727314	210.503 ug/L	98
34) Trichloroethene	6.59	95	12690	2.451 ug/L #	18
35) Methylcyclohexane	6.77	83	342101	44.291 ug/L	89
37) 1,2-Dichloropropane	6.77	63	4850	0.881 ug/L #	76

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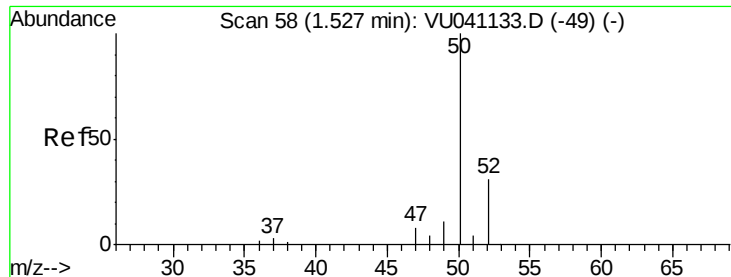
Instrument :
 MSVOA_U
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Bromodichloromethane	7.08	83	882	0.123	ug/L #	1
39) cis-1,3-Dichloropropene	7.58	75	1288	0.170	ug/L #	1
42) Toluene	7.98	91	693573	33.615	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	688	0.097	ug/L #	1
45) 1,1,2-Trichloroethane	8.37	97	24130	5.888	ug/L #	15
48) 2-Hexanone	8.70	43	2545	0.770	ug/L #	40
50) 1,2-Dibromoethane	8.95	107	255	0.065	ug/L #	1
51) Chlorobenzene	9.66	112	1729	0.132	ug/L #	1
52) Ethylbenzene	9.57	91	1381482	63.610	ug/L	99
53) m,p-Xylene	9.71	106	4784503	604.058	ug/L	98
54) o-Xylene	10.10	106	99245	13.454	ug/L	96
55) Styrene	10.10	104	5385	0.410	ug/L #	1
56) Isopropylbenzene	10.48	105	1012652	51.052	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.79	83	943	0.175	ug/L #	72
59) 1,2,3-Trichloropropane	10.91	75	14249	3.472	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	12.96	75	3148	3.188	ug/L #	7
69) Naphthalene	14.08	128	145423	13.747	ug/L	99

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

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#3

Chloromethane

Concen: 2.669 ug/L

RT: 1.49 min Scan# 48

Delta R.T. -0.03 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampleId :

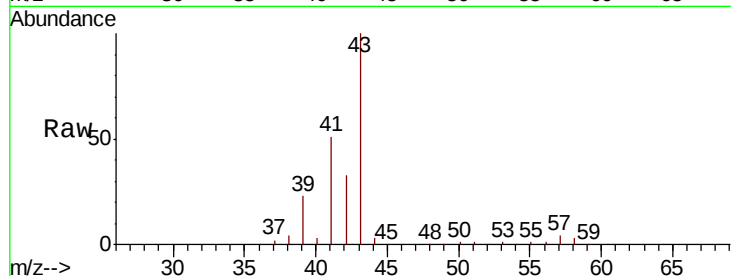
GB0T8

Tot Ion: 50 Resp: 17437

Ion Ratio Lower Upper

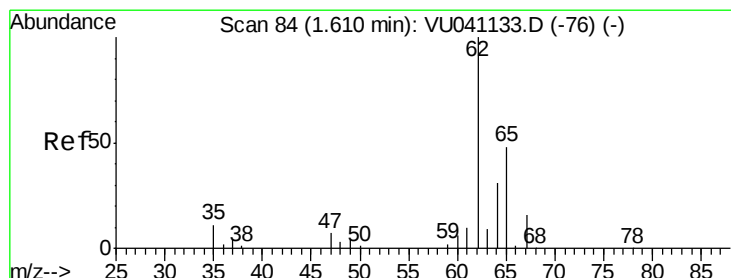
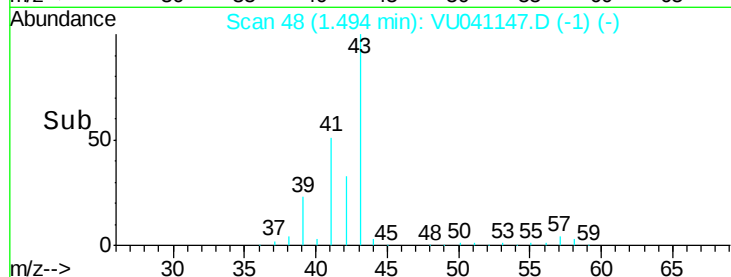
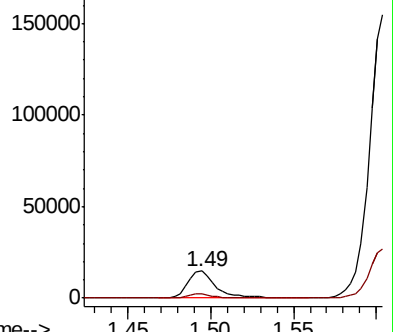
50 100

52 15.3 22.4 41.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 2.442 ug/L

RT: 1.60 min Scan# 82

Delta R.T. -0.01 min

Lab File: VU041147.D

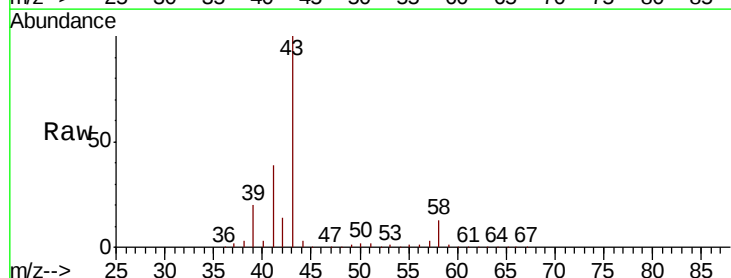
Acq: 09 Nov 2020 17:41

Tgt Ion: 62 Resp: 15735

Ion Ratio Lower Upper

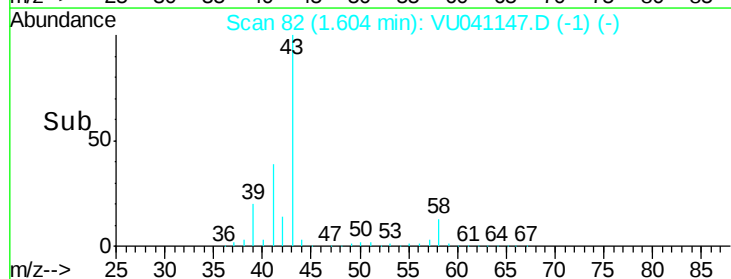
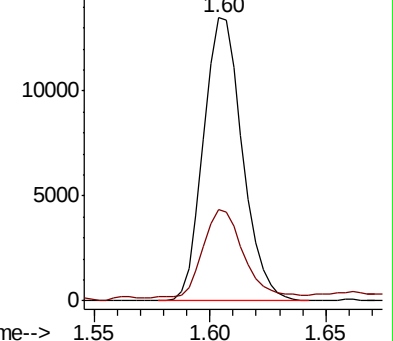
62 100

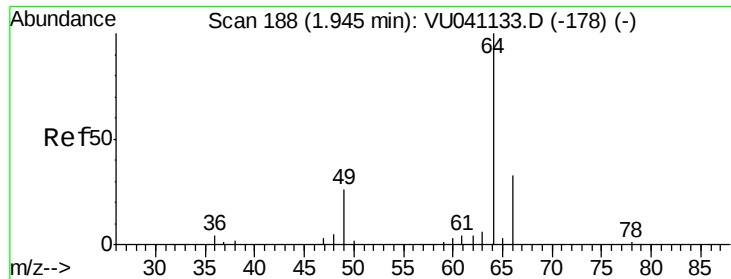
64 32.2 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

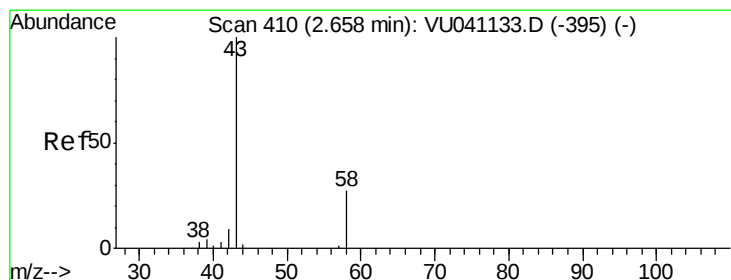
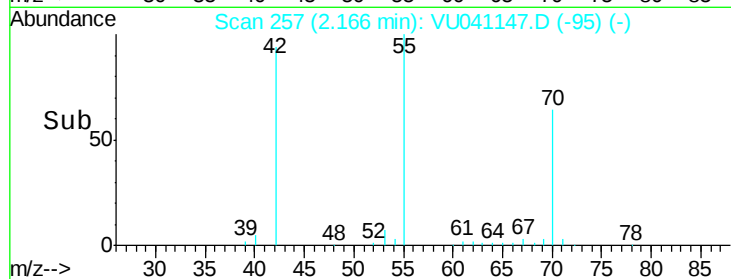
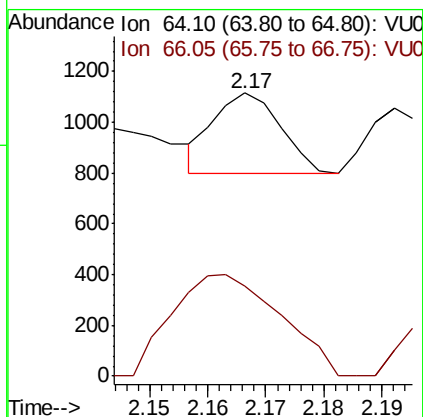
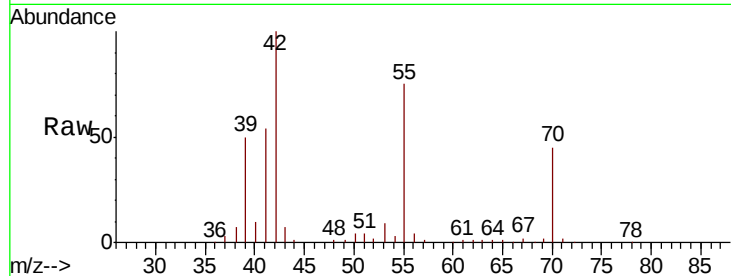




#8
 Chloroethane
 Concen: 0.061 ug/L
 RT: 2.17 min Scan# 257
 Delta R.T. 0.22 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

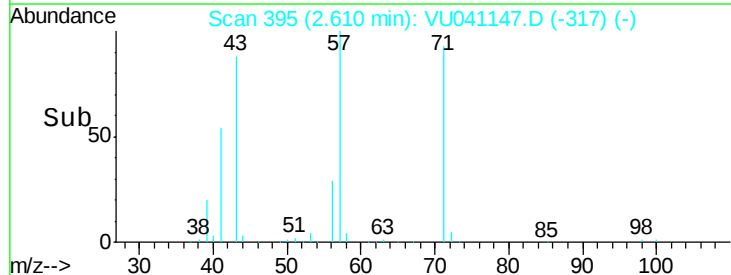
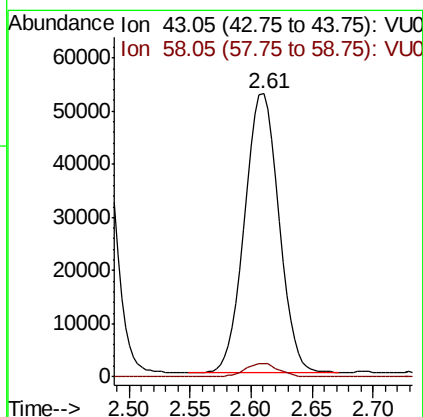
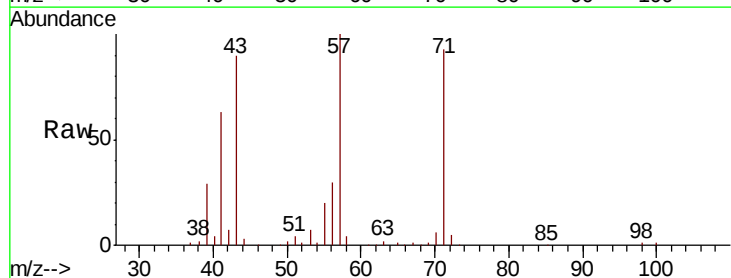
Instrument :
 MSVOA_U
 ClientSampled :
 GB0T8

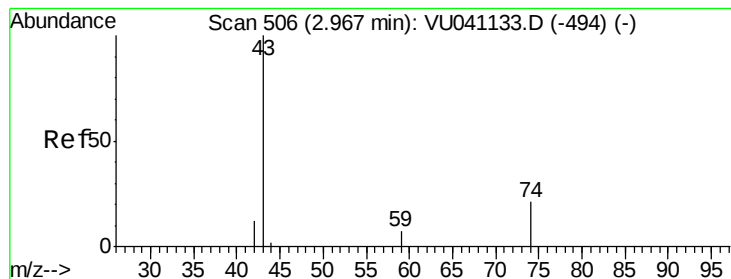
Tot Ion: 64 Resp: 251
 Ion Ratio Lower Upper
 64 100
 66 31.7 22.3 41.5



#13
 Acetone
 Concen: 78.690 ug/L
 RT: 2.61 min Scan# 395
 Delta R.T. -0.05 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

Tgt Ion: 43 Resp: 102130
 Ion Ratio Lower Upper
 43 100
 58 4.7 0.0 25.4





#15

Methyl Acetate

Concen: 574.963 ug/L

RT: 3.06 min Scan# 534

Delta R.T. 0.09 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampled :

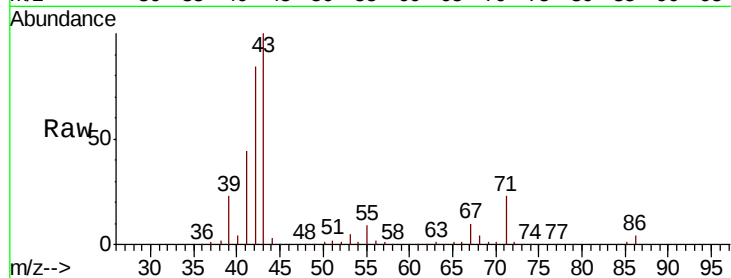
GB0T8

Tot Ion: 43 Resp: 1707523

Ion Ratio Lower Upper

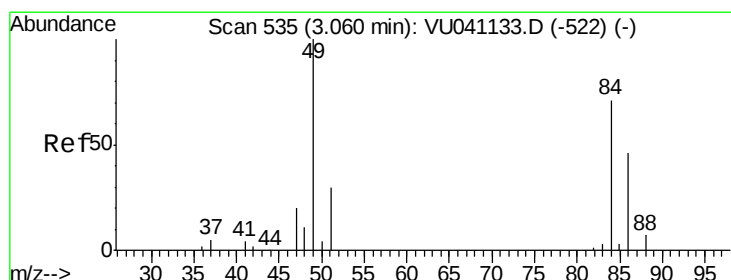
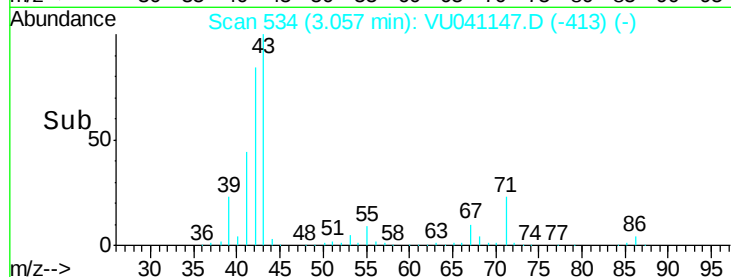
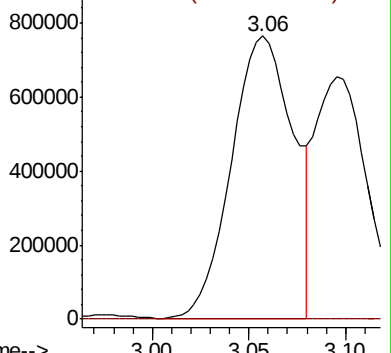
43 100

74 0.0 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 2.270 ug/L

RT: 3.00 min Scan# 515

Delta R.T. -0.06 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

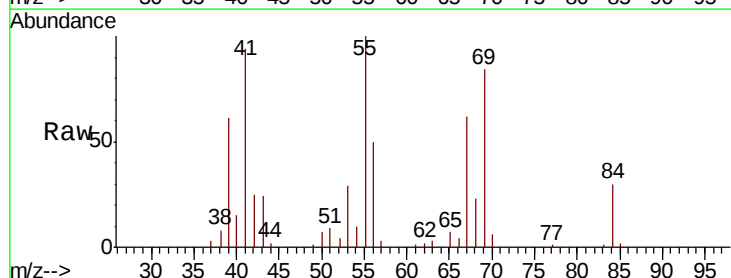
Tgt Ion: 84 Resp: 12818

Ion Ratio Lower Upper

84 100

86 0.0 42.8 79.6#

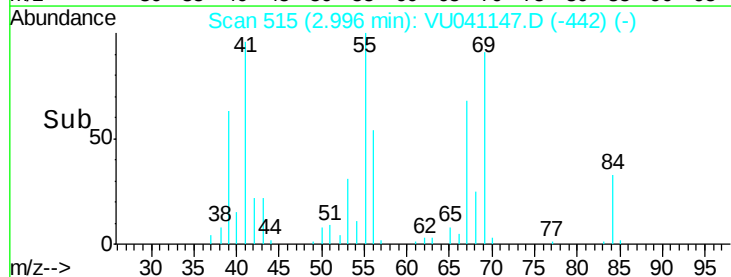
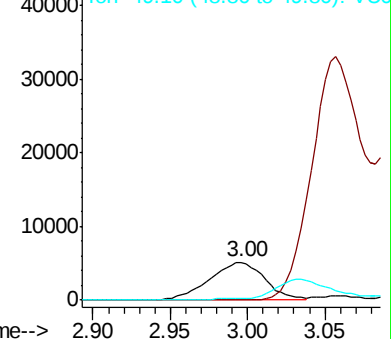
49 4.5 99.5 184.7#

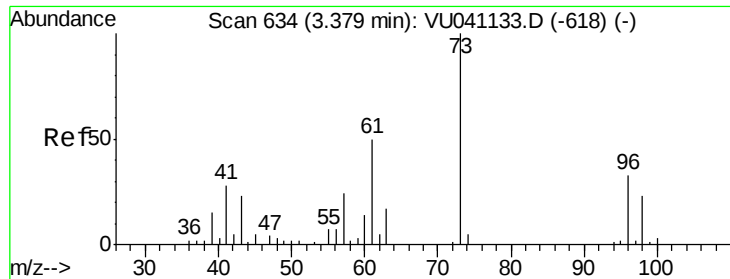


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

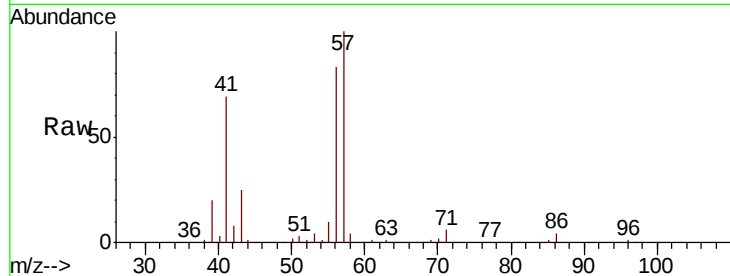




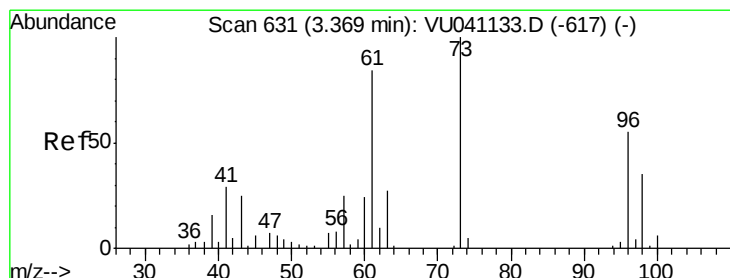
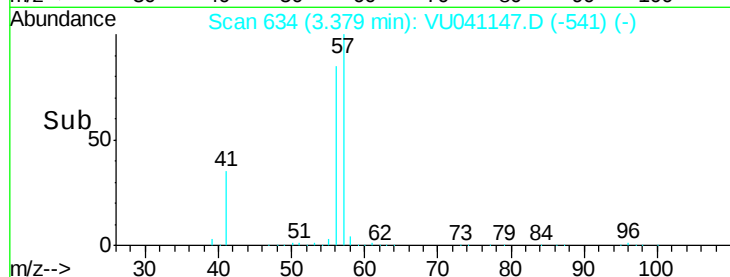
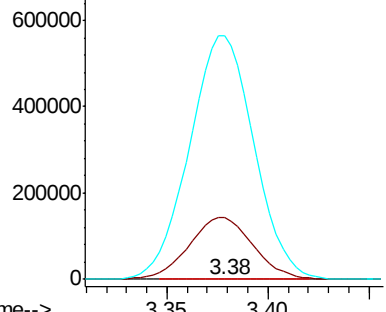
#17
Methvl tert-butvl Ether
Concen: 0.155 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041147.D
Acq: 09 Nov 2020 17:41

Instrument :
MSVOA_U
ClientSampleId :
GB0T8

Tot Ion: 73 Resp: 1931
Ion Ratio Lower Upper
73 100
43 16328.5 18.5 27.7#
57 65460.0 18.4 27.6#

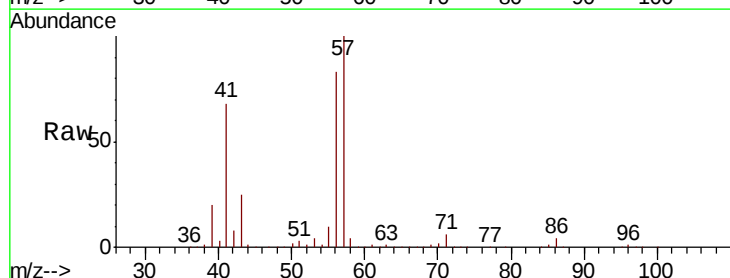


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

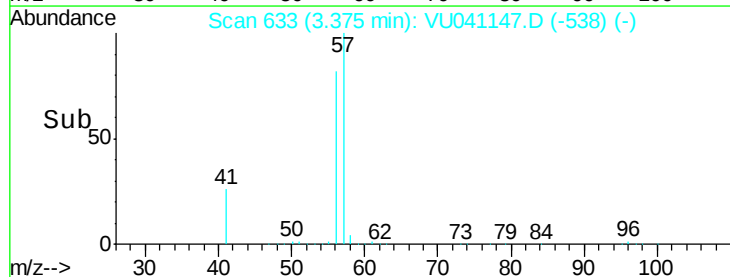
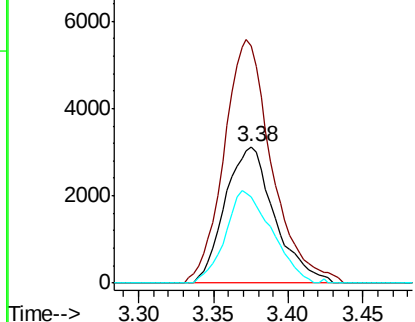


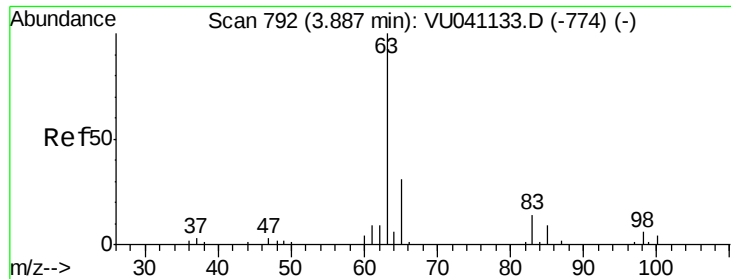
#18
trans-1,2-Dichloroethene
Concen: 1.463 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU041147.D
Acq: 09 Nov 2020 17:41

Tgt Ion: 96 Resp: 7207
Ion Ratio Lower Upper
96 100
61 173.9 110.9 205.9
98 62.7 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

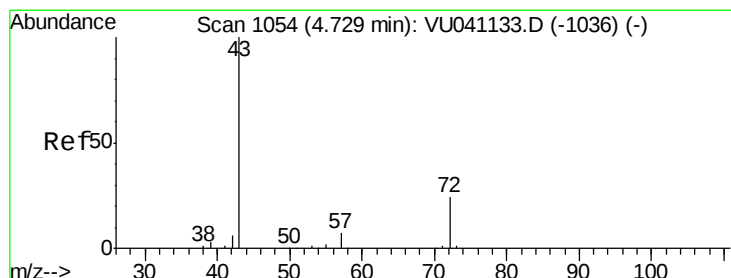
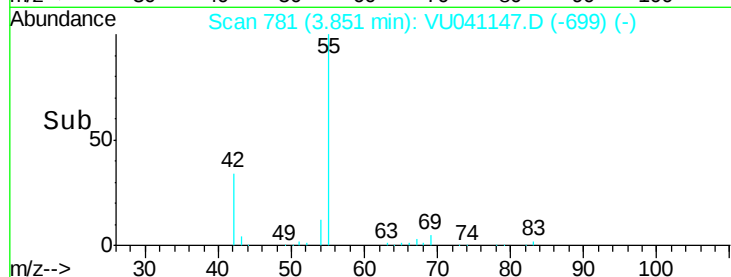
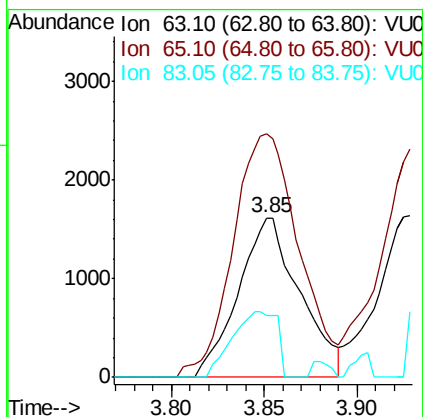
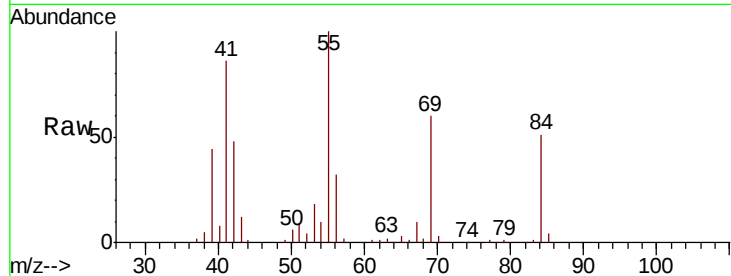




#19
 1,1-Dichloroethane
 Concen: 0.378 ug/L
 RT: 3.85 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

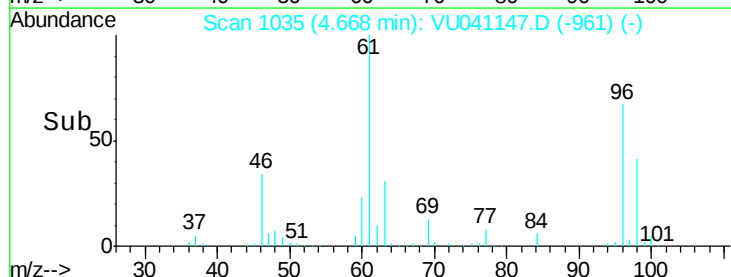
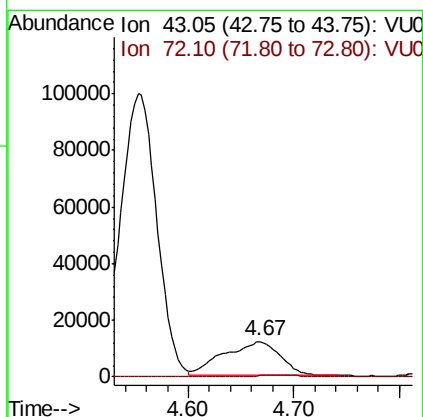
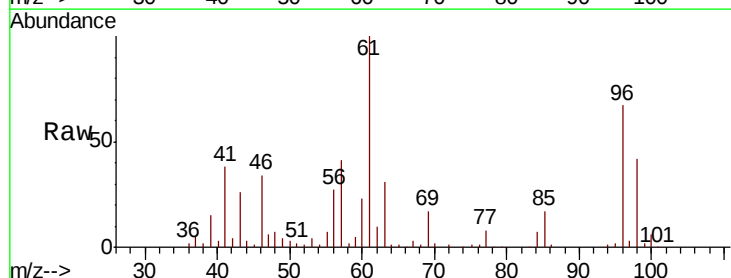
Instrument :
 MSVOA_U
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 GB0T8

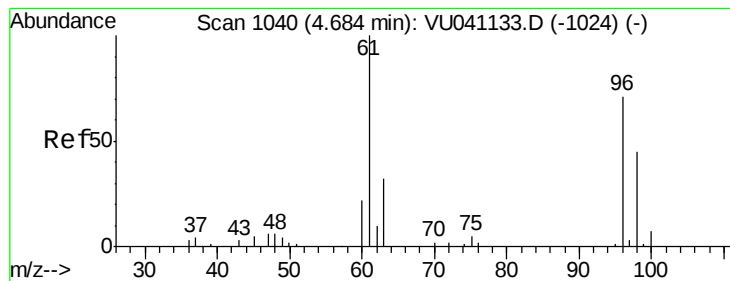
Tot Ion: 63 Resp: 3727
 Ion Ratio Lower Upper
 63 100
 65 152.5 21.3 39.6#
 83 38.9 8.8 16.3#



#21
 2-Butanone
 Concen: 21.943 ug/L
 RT: 4.67 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

Tgt Ion: 43 Resp: 44510
 Ion Ratio Lower Upper
 43 100
 72 4.4 11.8 35.4#





#22

cis-1,2-Dichloroethene

Concen: 33.603 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampled :

GB0T8

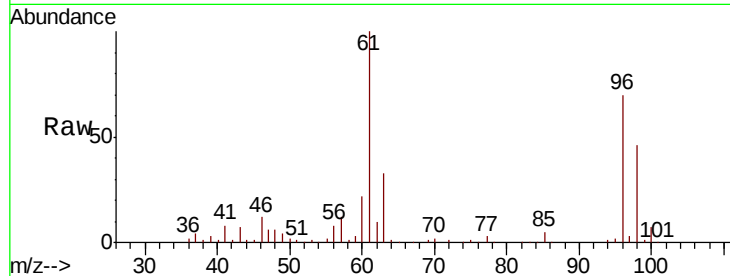
Tot Ion: 96 Resp: 170734

Ion Ratio Lower Upper

96 100

61 141.9 97.2 180.4

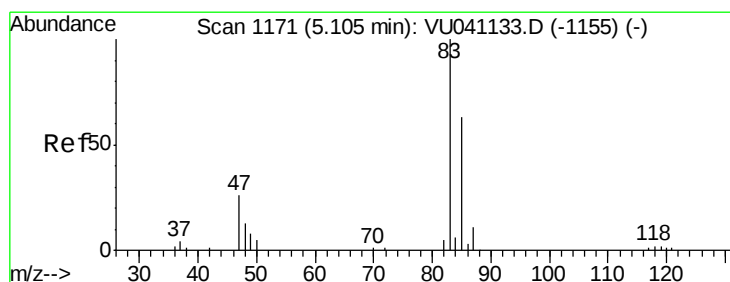
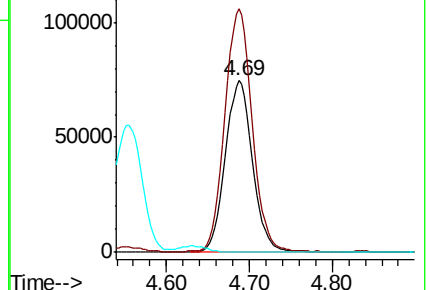
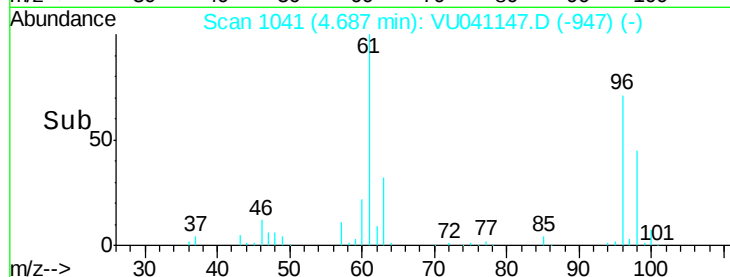
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041147.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041147.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041147.D (-947) (-)



#25

Chloroform

Concen: 5.021 ug/L

RT: 5.14 min Scan# 1183

Delta R.T. 0.04 min

Lab File: VU041147.D

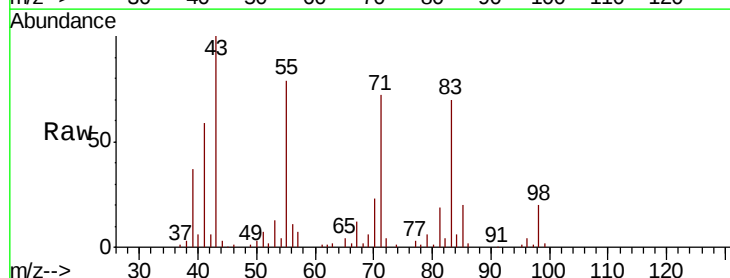
Acq: 09 Nov 2020 17:41

Tgt Ion: 83 Resp: 49583

Ion Ratio Lower Upper

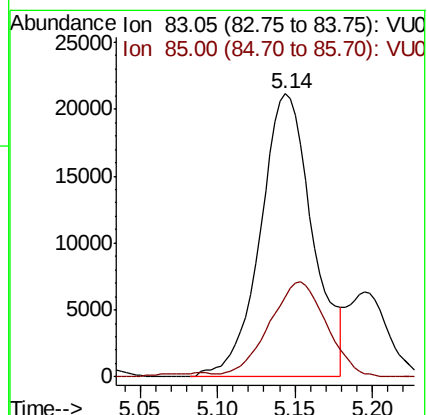
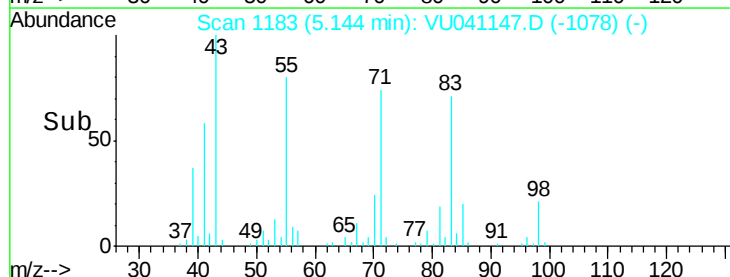
83 100

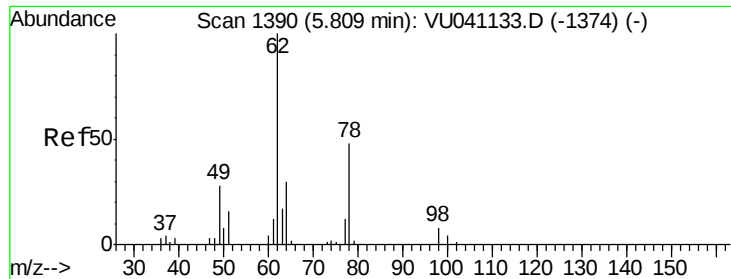
85 28.2 46.1 85.7#



Abundance Ion 83.05 (82.75 to 83.75): VU041147.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU041147.D (-1078) (-)

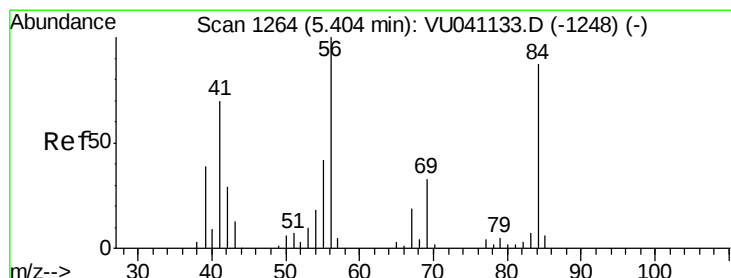
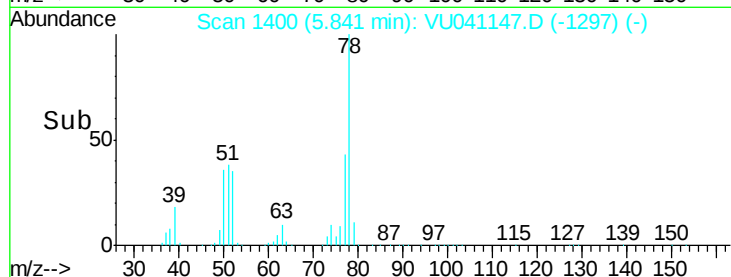
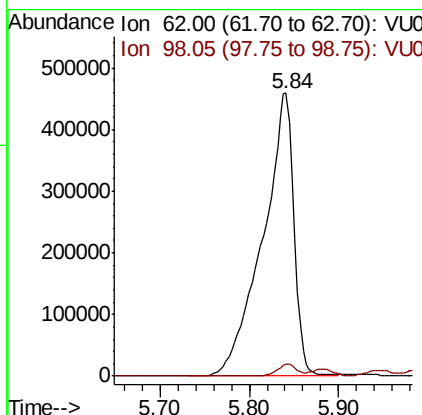
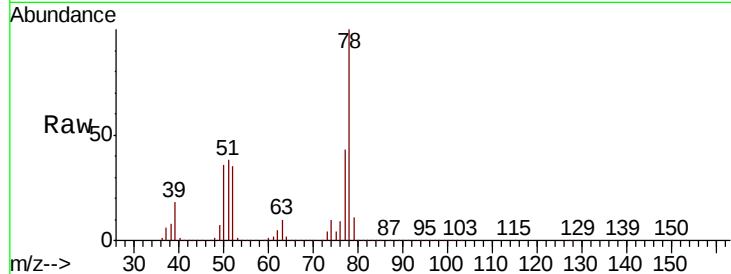




#27
 1,2-Dichloroethane
 Concen: 151.317 ug/L
 RT: 5.84 min Scan# 1400
 Delta R.T. 0.03 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

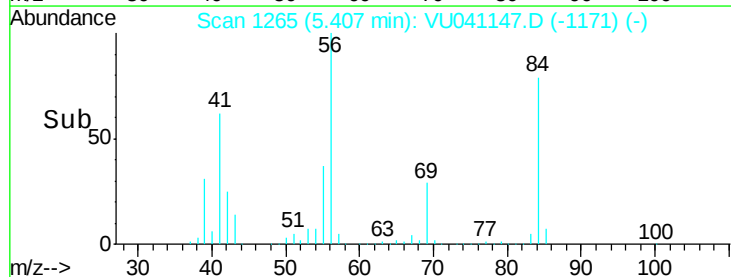
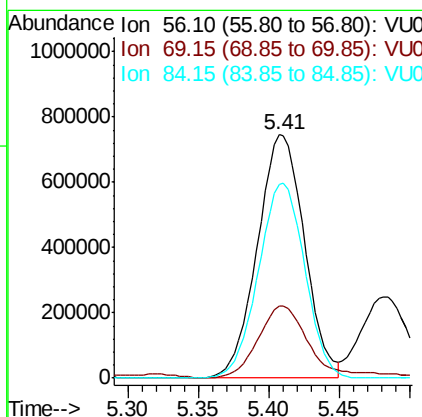
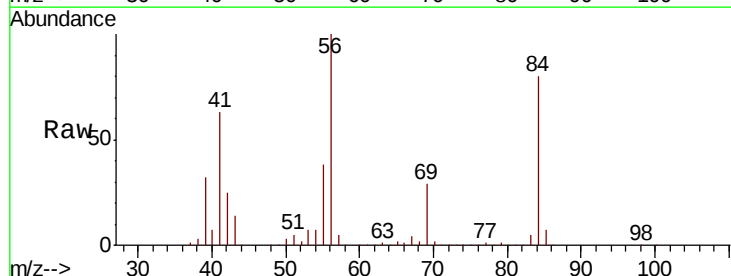
Instrument :
 MSVOA_U
 ClientSampled :
 GB0T8

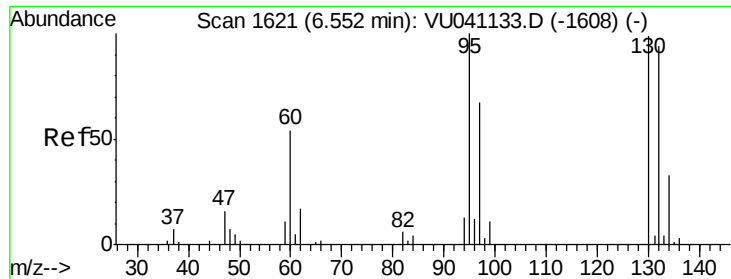
Tot Ion: 62 Resp: 1112988
 Ion Ratio Lower Upper
 62 100
 98 4.4 7.6 11.4#



#30
 Cyclohexane
 Concen: 210.503 ug/L
 RT: 5.41 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

Tgt Ion: 56 Resp: 1727314
 Ion Ratio Lower Upper
 56 100
 69 33.2 22.8 34.2
 84 79.4 63.6 95.4

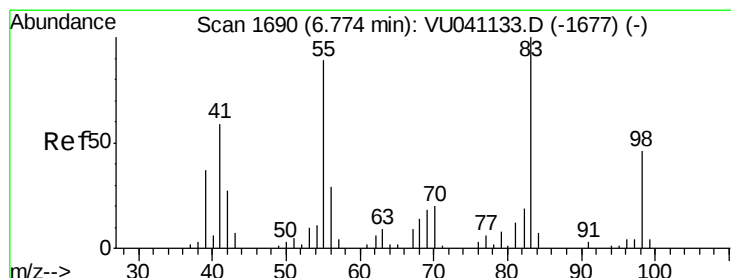
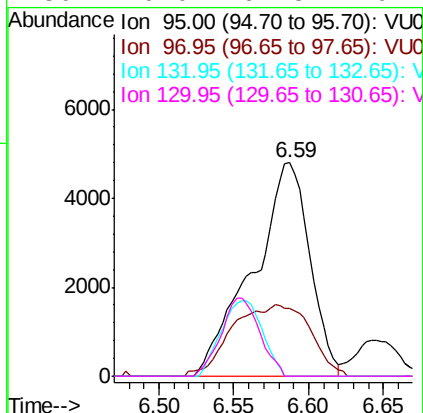
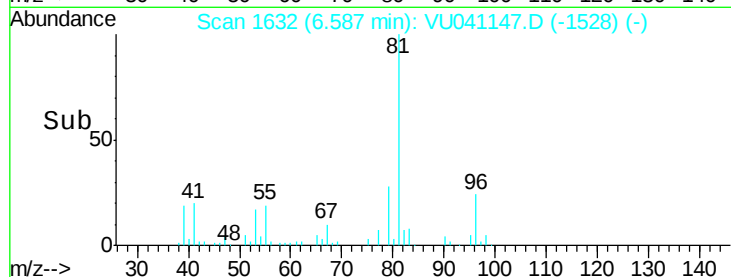
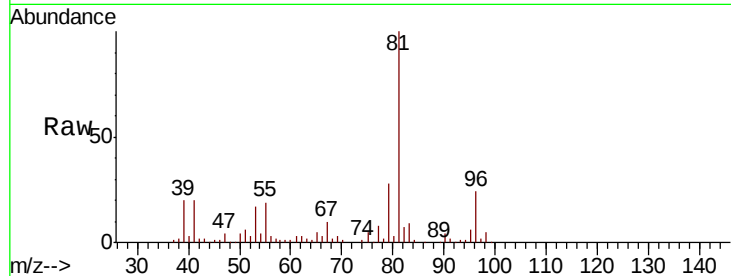




#34
 Trichloroethene
 Concen: 2.451 ug/L
 RT: 6.59 min Scan# 1632
 Delta R.T. 0.04 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

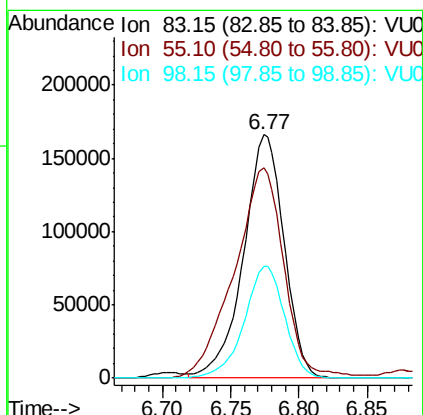
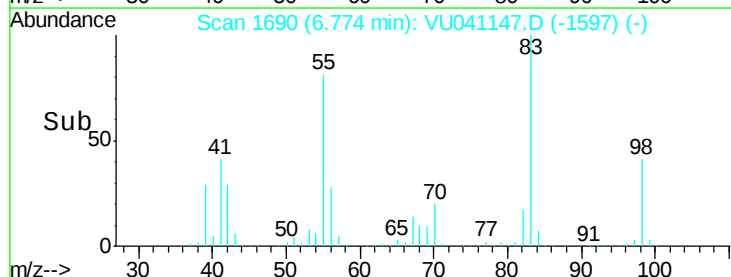
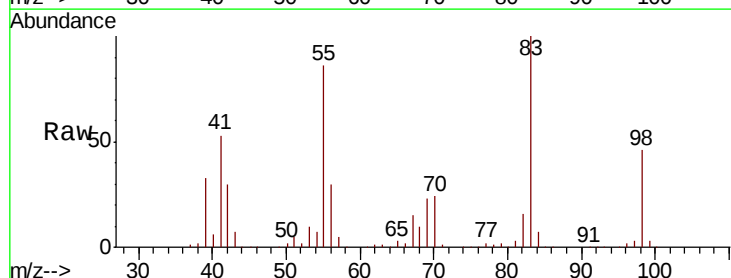
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T8

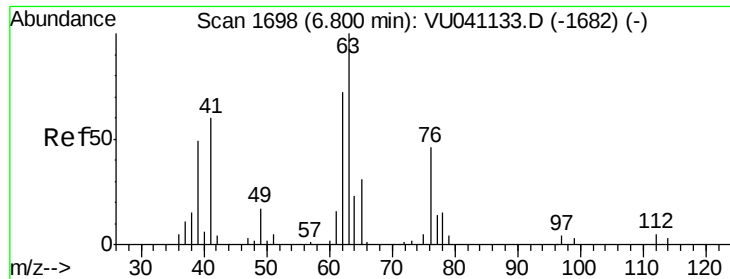
Tot Ion: 95 Resp: 12690
 Ion Ratio Lower Upper
 95 100
 97 32.0 45.6 84.6#
 132 0.0 64.8 120.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 44.291 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: VU041147.D
 Acq: 09 Nov 2020 17:41

Tgt Ion: 83 Resp: 342101
 Ion Ratio Lower Upper
 83 100
 55 105.6 72.0 108.0
 98 45.9 36.6 55.0





#37

1,2-Dichloropropane

Concen: 0.881 ug/L

RT: 6.77 min Scan# 1690

Delta R.T. -0.03 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampleId :

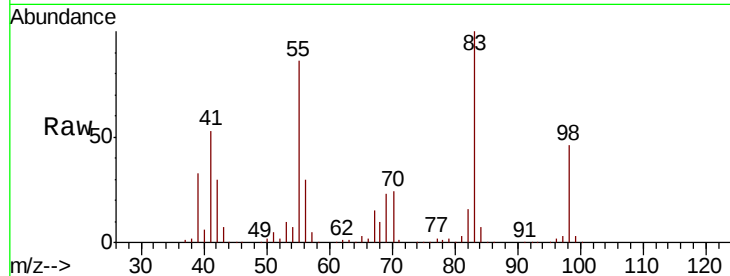
GB0T8

Tot Ion: 63 Resp: 4850

Ion Ratio Lower Upper

63 100

112 12.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

6.77

2000

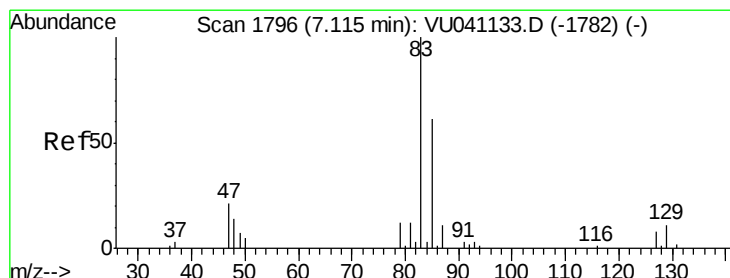
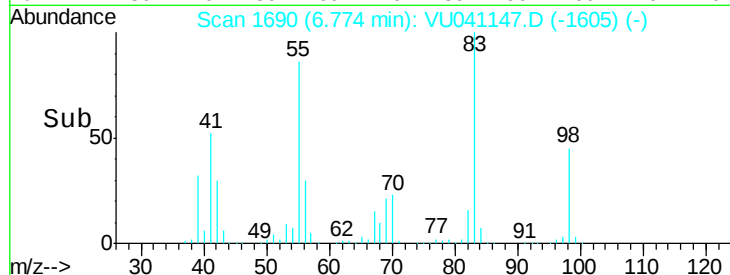
1500

1000

500

0

Time-->



#38

Bromodichloromethane

Concen: 0.123 ug/L

RT: 7.08 min Scan# 1785

Delta R.T. -0.04 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

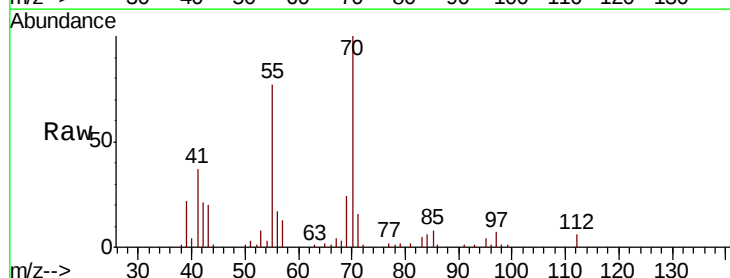
Tgt Ion: 83 Resp: 882

Ion Ratio Lower Upper

83 100

85 151.4 43.3 80.3#

127 0.0 5.9 8.9#



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V

2500

2000

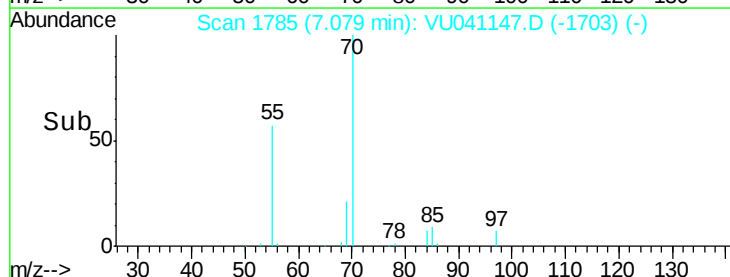
1500

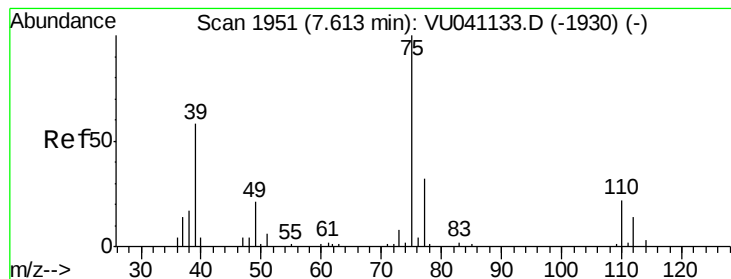
1000

500

0

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.170 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampled :

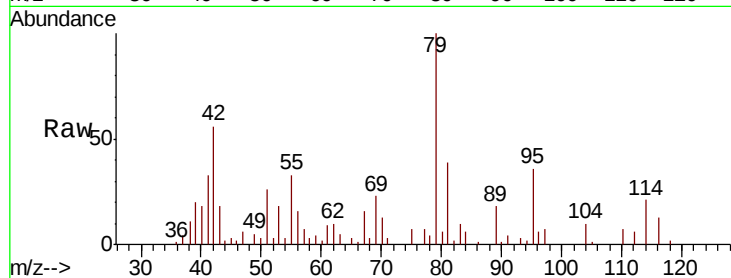
GB0T8

Tot Ion: 75 Resp: 1288

Ion Ratio Lower Upper

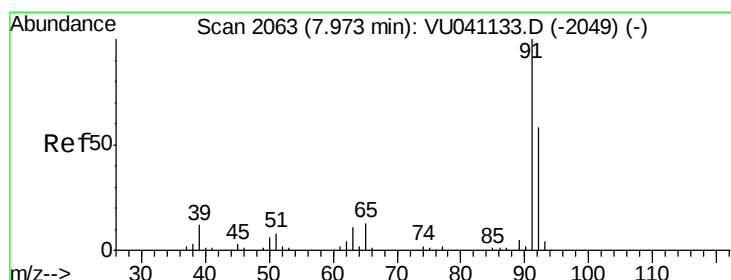
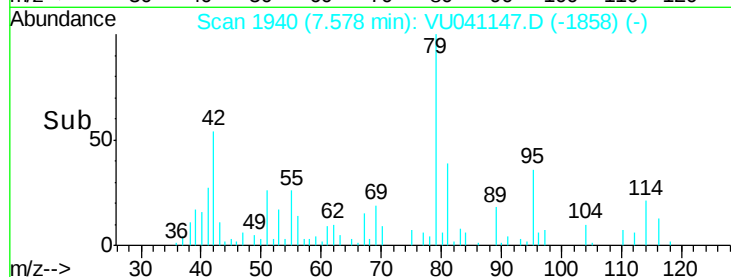
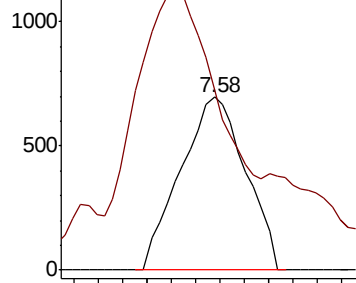
75 100

77 104.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#42

Toluene

Concen: 33.615 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041147.D

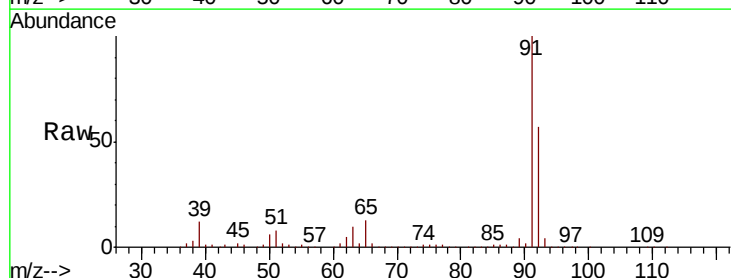
Acq: 09 Nov 2020 17:41

Tgt Ion: 91 Resp: 693573

Ion Ratio Lower Upper

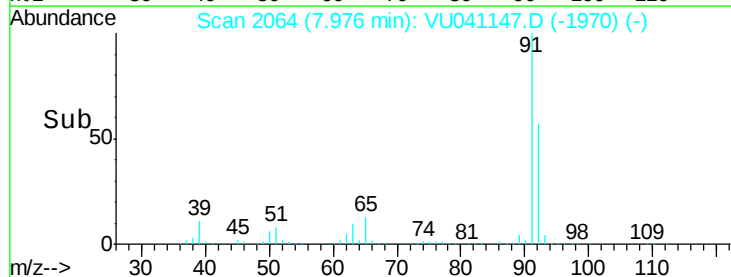
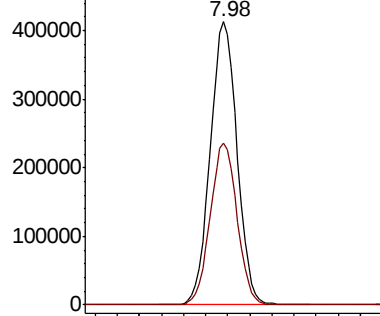
91 100

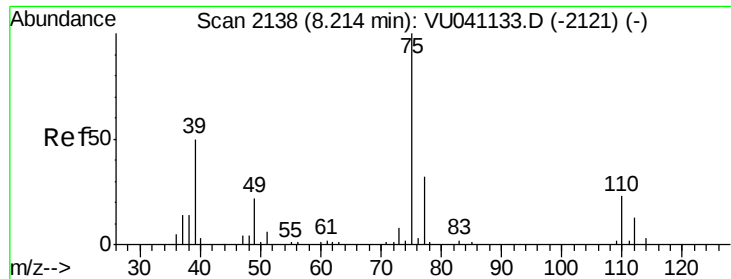
92 57.4 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampleId :

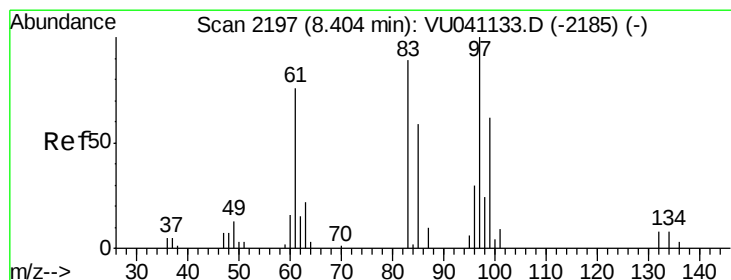
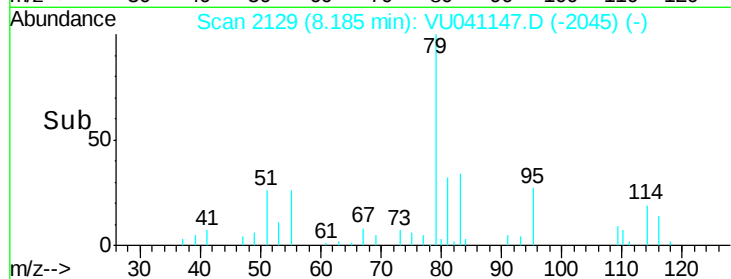
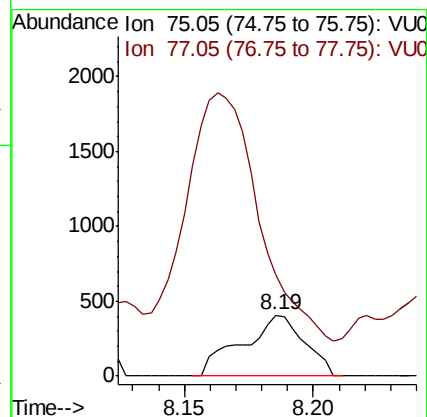
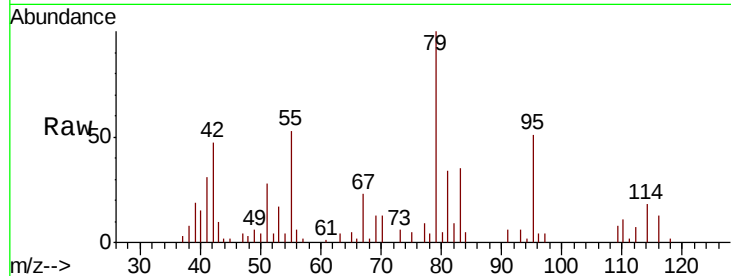
GB0T8

Tot Ion: 75 Resp: 688

Ion Ratio Lower Upper

75 100

77 165.0 23.3 43.3#



#45

1,1,2-Trichloroethane

Concen: 5.888 ug/L

RT: 8.37 min Scan# 2187

Delta R.T. -0.03 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Tgt Ion: 97 Resp: 24130

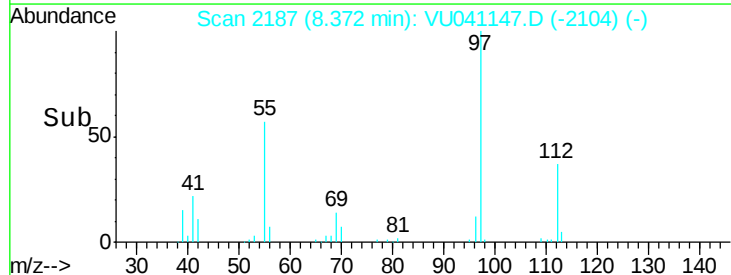
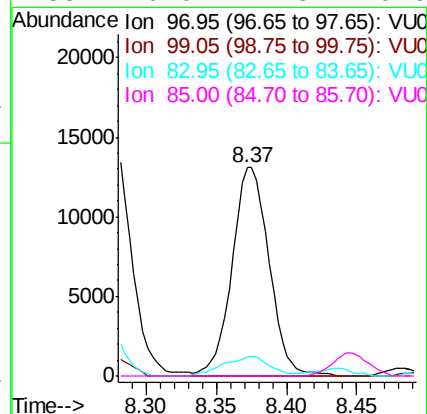
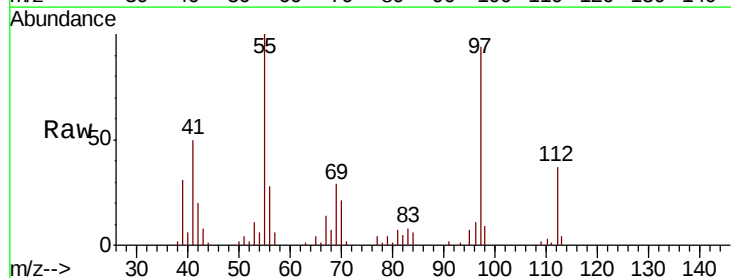
Ion Ratio Lower Upper

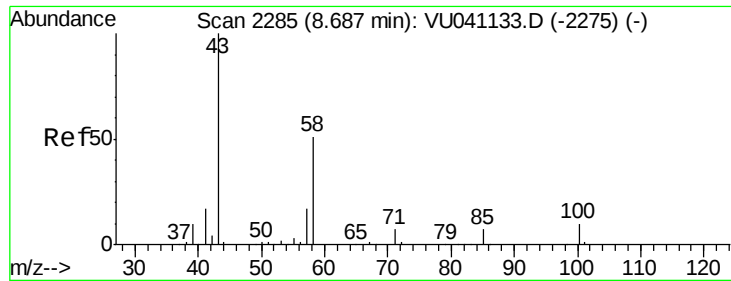
97 100

99 0.0 45.8 85.2#

83 9.0 67.9 126.1#

85 0.0 42.8 79.6#

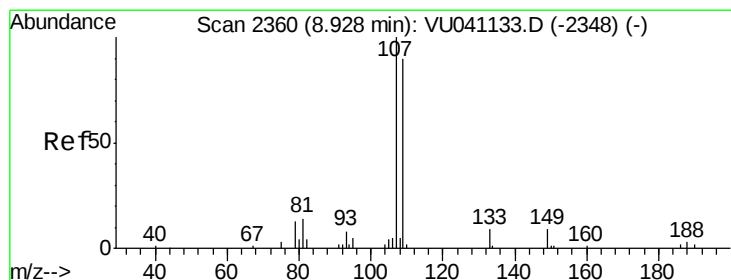
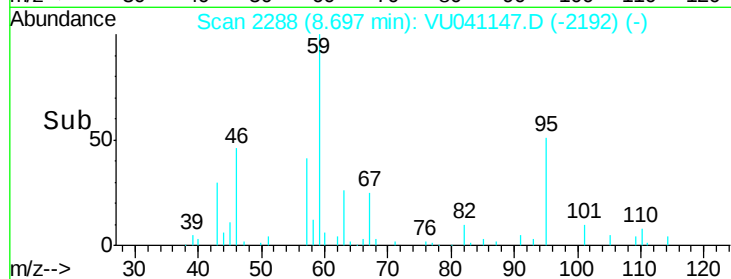
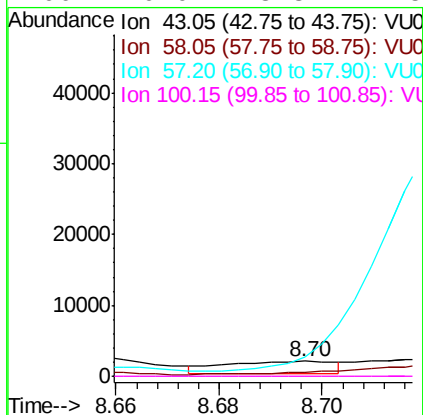
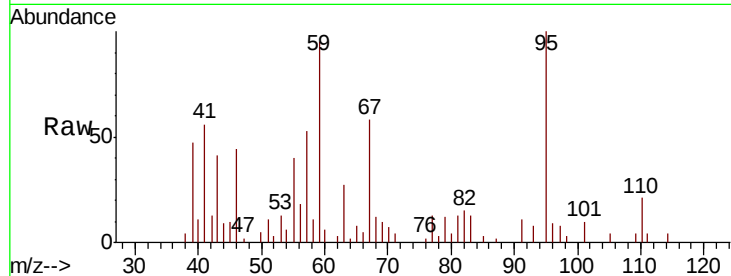




#48
2-Hexanone
Concen: 0.770 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.01 min
Lab File: VU041147.D
Acq: 09 Nov 2020 17:41

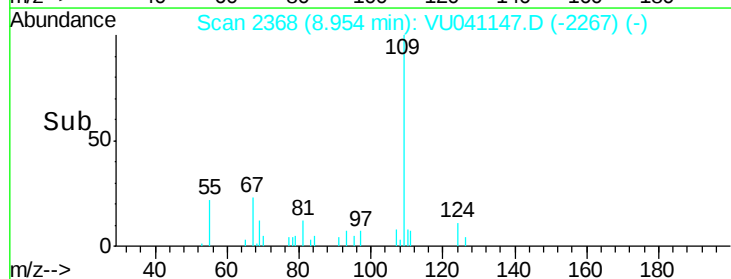
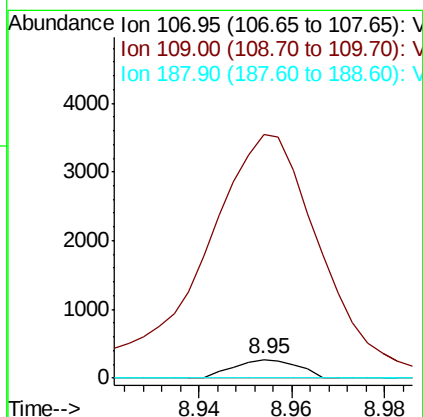
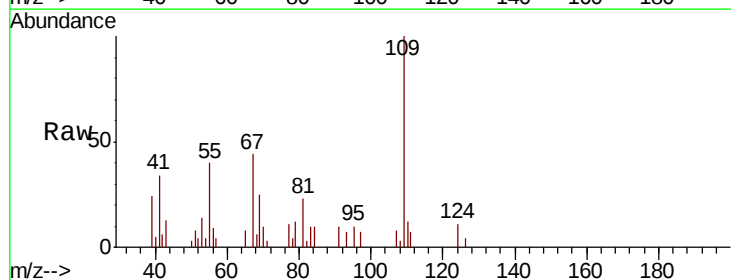
Instrument :
MSVOA_U
ClientSampleId :
GB0T8

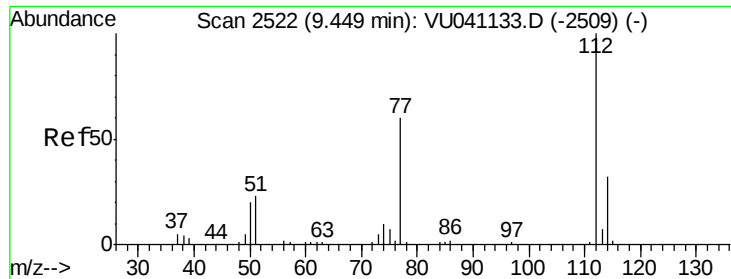
Tot Ion:	43	Resp:	2545
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.2#
57	0.0	14.6	21.8#
100	0.0	8.3	12.5#



#50
1,2-Dibromoethane
Concen: 0.065 ug/L
RT: 8.95 min Scan# 2368
Delta R.T. 0.03 min
Lab File: VU041147.D
Acq: 09 Nov 2020 17:41

Tgt Ion:	107	Resp:	255
Ion	Ratio	Lower	Upper
107	100		
109	1327.0	65.6	121.8#
188	0.0	2.9	4.3#

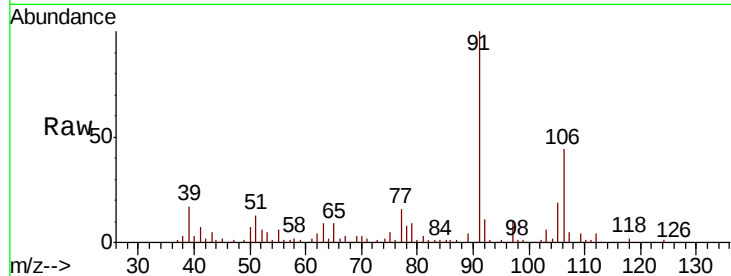




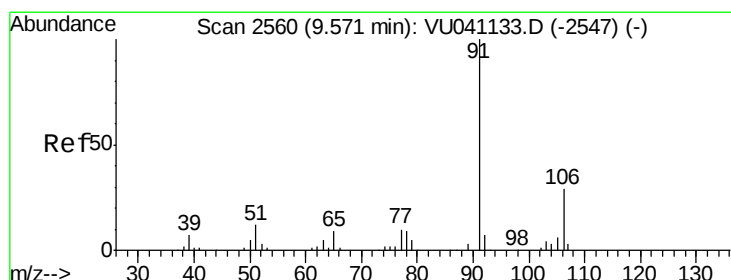
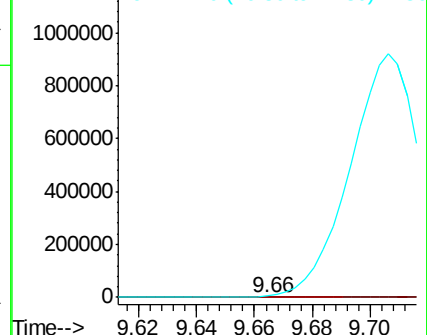
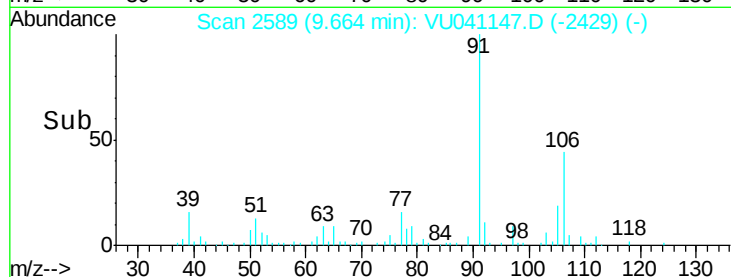
#51
Chlorobenzene
Concen: 0.132 ug/L
RT: 9.66 min Scan# 2589
Delta R.T. 0.22 min
Lab File: VU041147.D
Acq: 09 Nov 2020 17:41

Instrument :
MSVOA_U
ClientSampleId :
GB0T8

Tot Ion:112 Resp: 1729
Ion Ratio Lower Upper
112 100
114 0.0 22.4 41.6#
77 407.3 51.2 76.8#

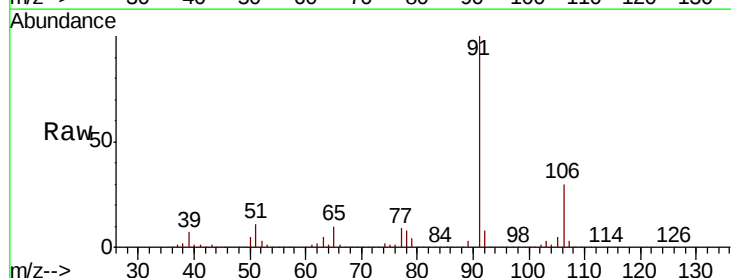


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

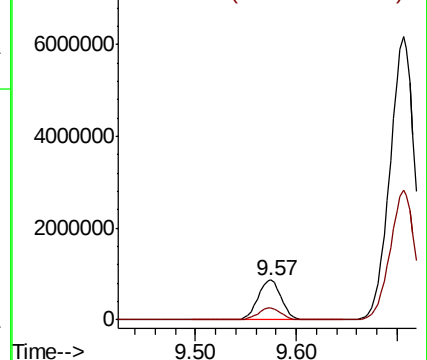
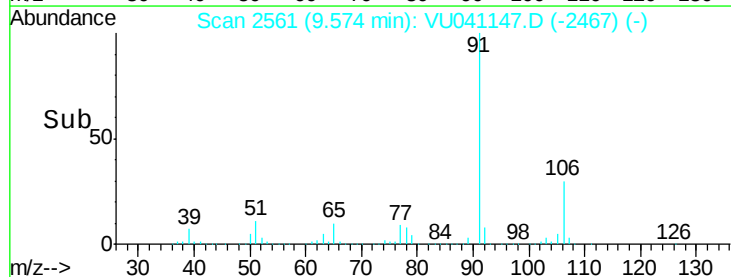


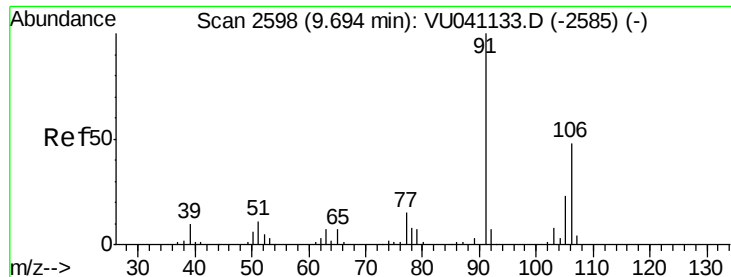
#52
Ethylbenzene
Concen: 63.610 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU041147.D
Acq: 09 Nov 2020 17:41

Tgt Ion: 91 Resp: 1381482
Ion Ratio Lower Upper
91 100
106 29.7 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): V
Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 604.058 ug/L

RT: 9.71 min Scan# 2602

Delta R.T. 0.01 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampleId :

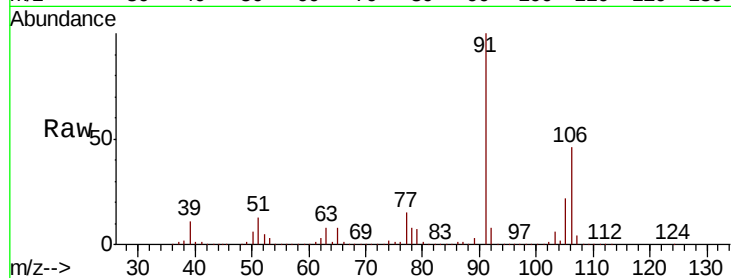
GB0T8

Tot Ion:106 Resp: 4784503

Ion Ratio Lower Upper

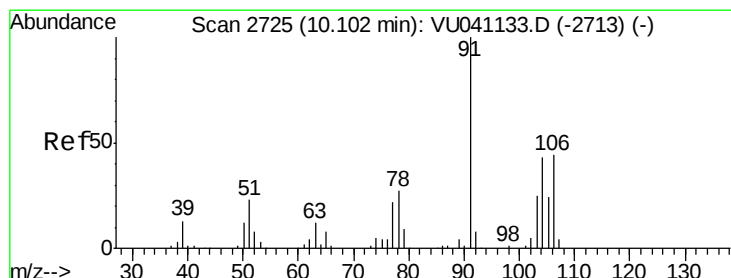
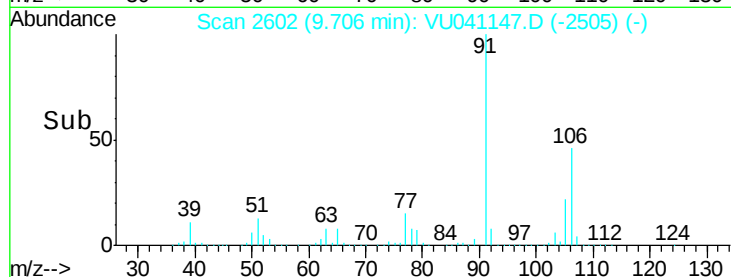
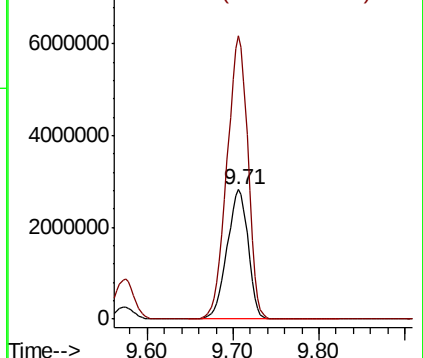
106 100

91 218.4 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 13.454 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU041147.D

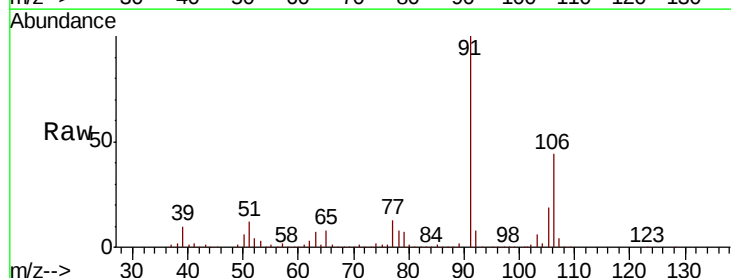
Acq: 09 Nov 2020 17:41

Tgt Ion:106 Resp: 99245

Ion Ratio Lower Upper

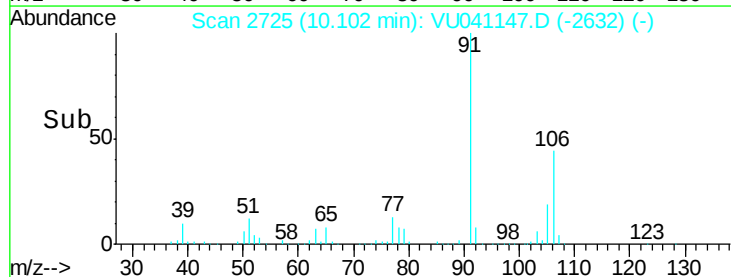
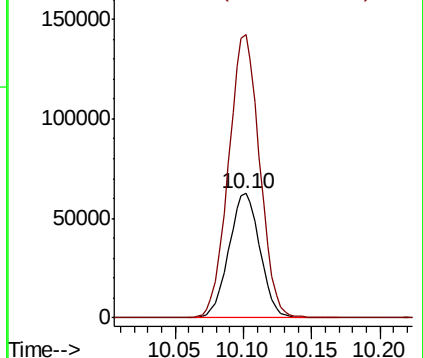
106 100

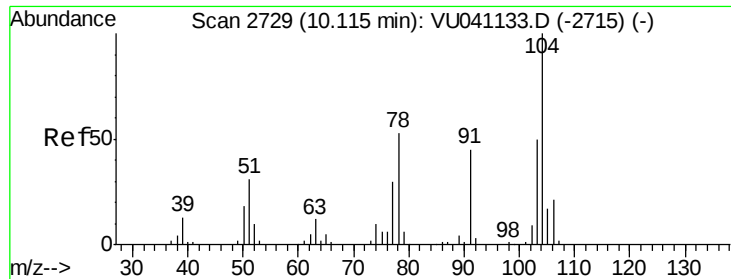
91 227.5 154.3 286.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 0.410 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. -0.01 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampleId :

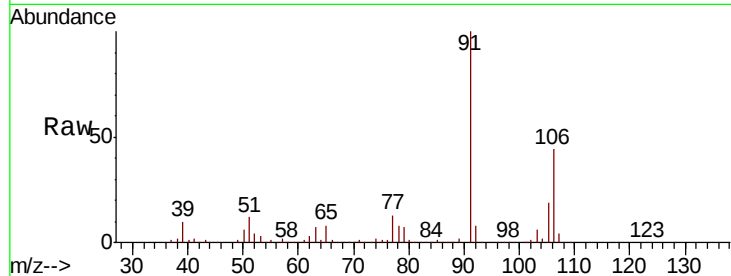
GB0T8

Tot Ion:104 Resp: 5385

Ion Ratio Lower Upper

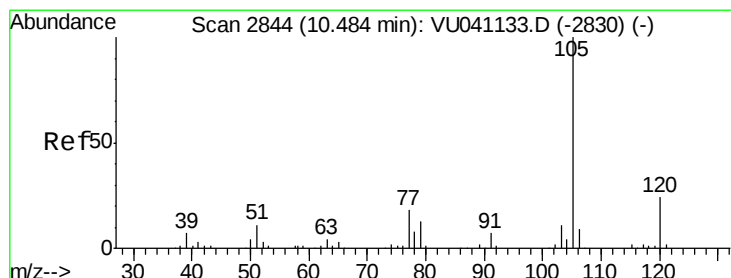
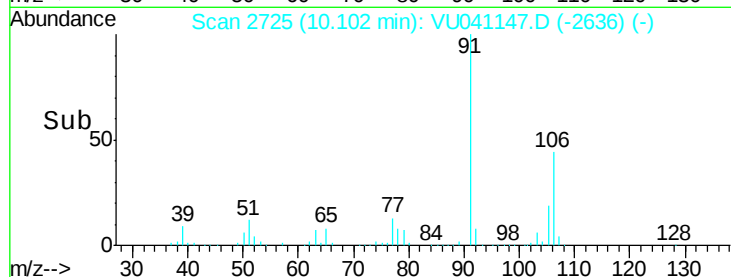
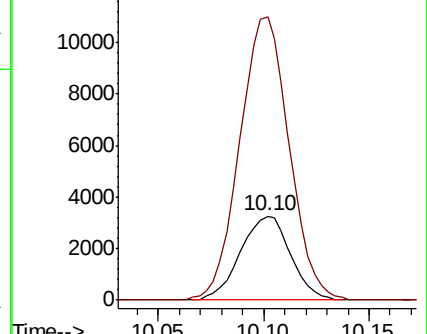
104 100

78 336.0 35.5 65.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 51.052 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

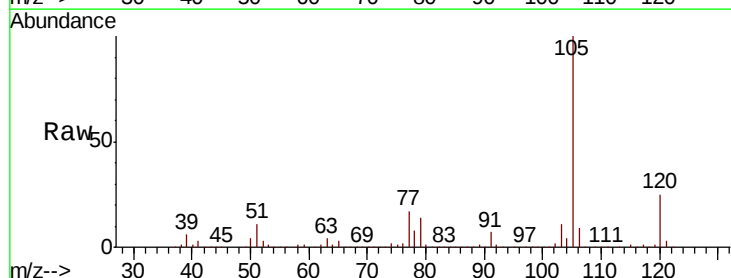
Tgt Ion:105 Resp: 1012652

Ion Ratio Lower Upper

105 100

120 25.4 20.7 31.1

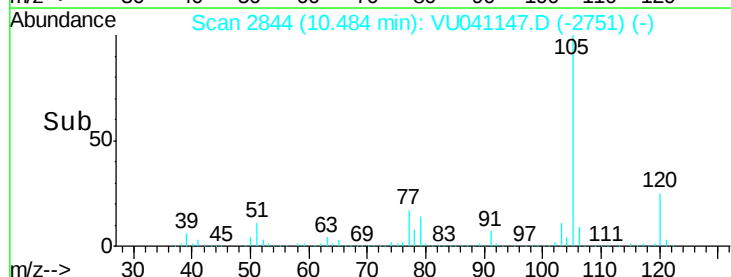
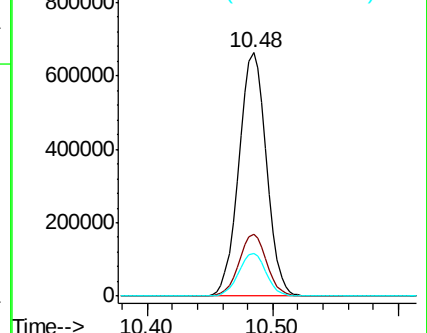
77 17.5 13.8 20.6

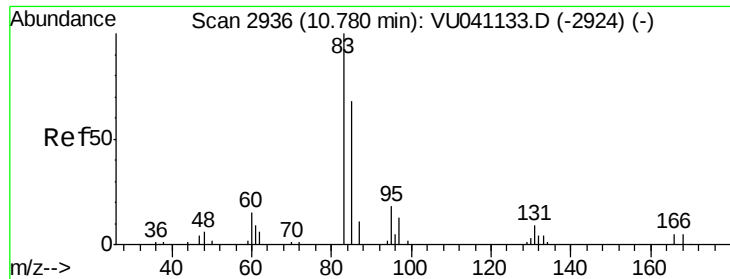


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#58

1,1,2,2-Tetrachloroethane

Concen: 0.175 ug/L

RT: 10.79 min Scan# 2939

Delta R.T. 0.01 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampled :

GB0T8

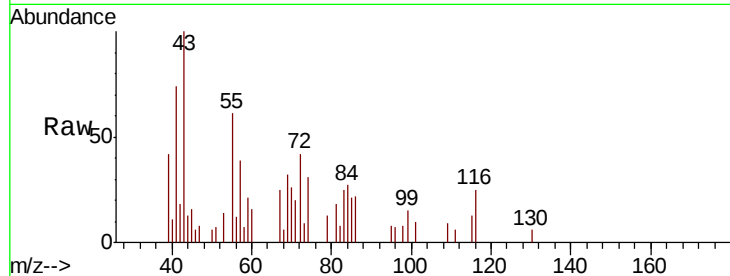
Tot Ion: 83 Resp: 943

Ion Ratio Lower Upper

83 100

85 85.2 44.4 82.4#

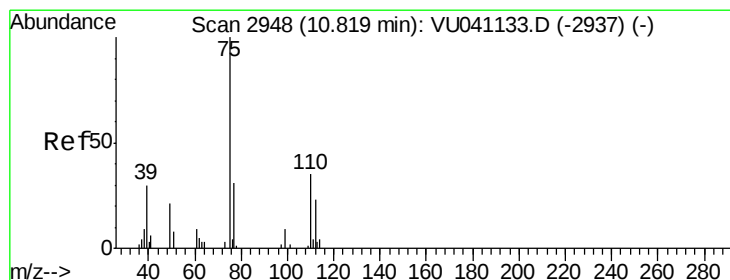
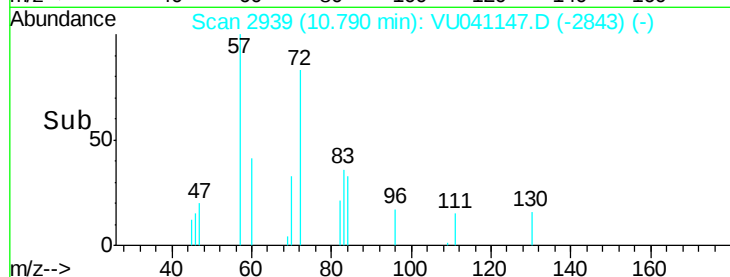
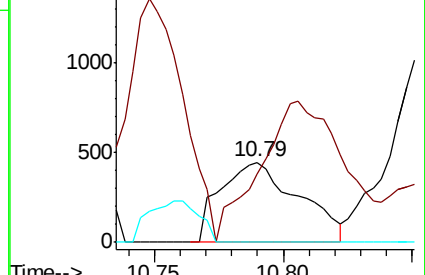
131 0.0 7.7 11.5#



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): VU0



#59

1,2,3-Trichloropropane

Concen: 3.472 ug/L

RT: 10.91 min Scan# 2975

Delta R.T. 0.09 min

Lab File: VU041147.D

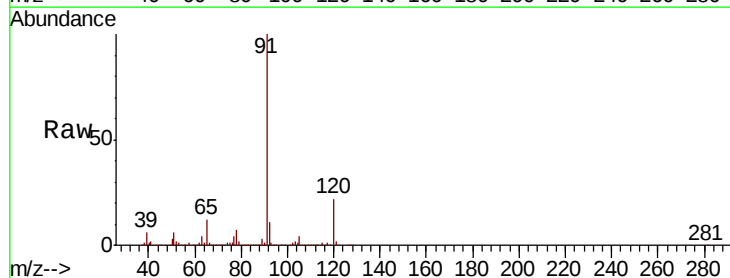
Acq: 09 Nov 2020 17:41

Tgt Ion: 75 Resp: 14249

Ion Ratio Lower Upper

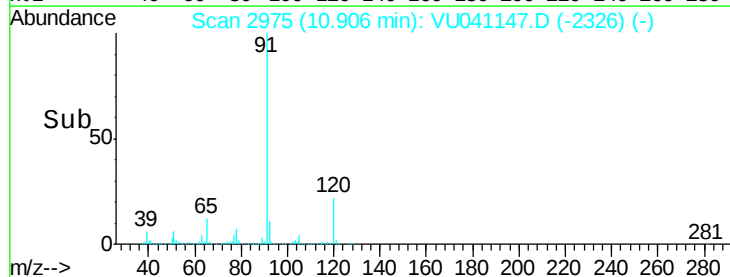
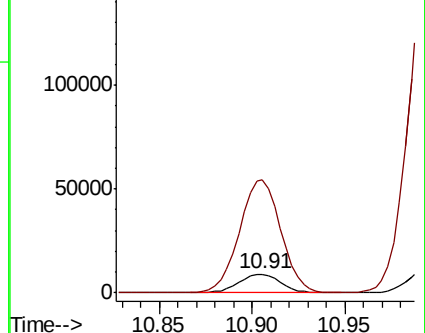
75 100

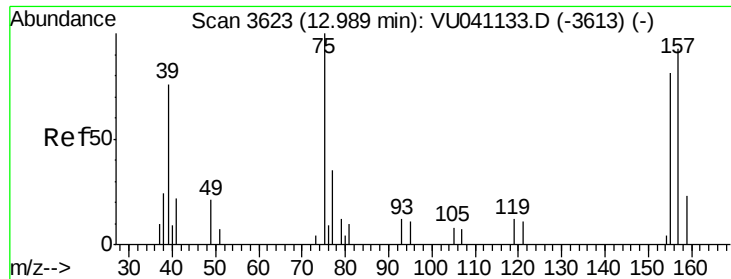
77 590.7 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#66

1,2-Dibromo-3-chloropropane

Concen: 3.188 ug/L

RT: 12.96 min Scan# 3615

Delta R.T. -0.03 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

Instrument :

MSVOA_U

ClientSampled :

GB0T8

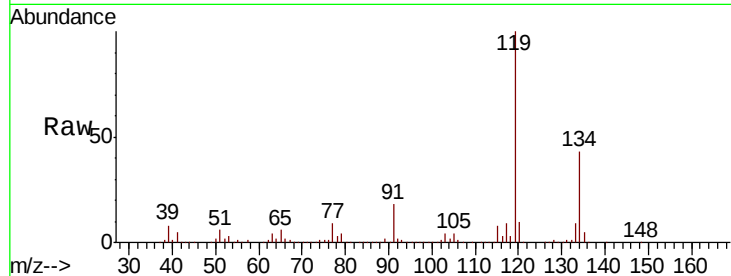
Tot Ion: 75 Resp: 3148

Ion Ratio Lower Upper

75 100

155 0.0 61.4 92.2#

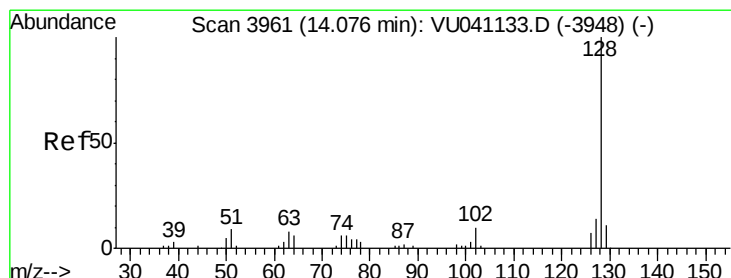
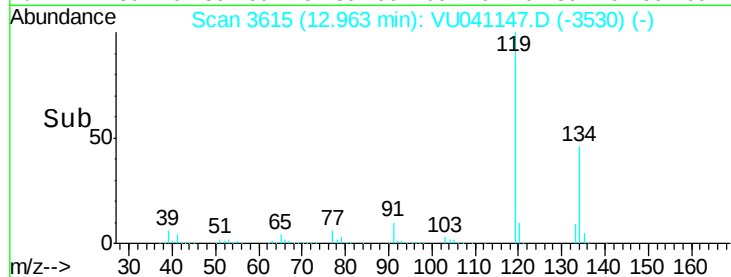
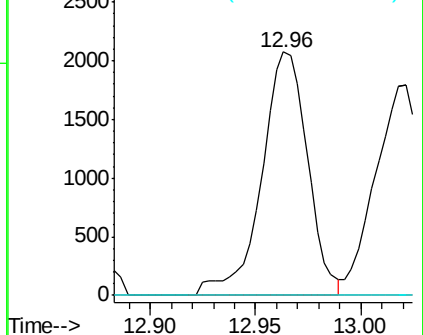
157 0.0 74.2 111.4#



Abundance Ion 75.05 (74.75 to 75.75): VU041133.D (-3613) (-)

Ion 154.95 (154.65 to 155.65): VU041133.D (-3613) (-)

Ion 156.90 (156.60 to 157.60): VU041133.D (-3613) (-)



#69

Naphthalene

Concen: 13.747 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU041147.D

Acq: 09 Nov 2020 17:41

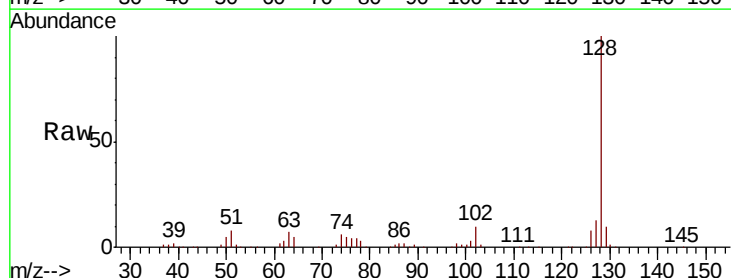
Tgt Ion: 128 Resp: 145423

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VU041133.D (-3948) (-)

Ion 129.00 (128.70 to 129.70): VU041133.D (-3948) (-)

Ion 127.00 (126.70 to 127.70): VU041133.D (-3948) (-)

