

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041341.D
 Acq On : 19 Nov 2020 14:19
 Operator : SY/MD
 Sample : L4790-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4390

Quant Time: Nov 20 05:57:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75354	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35853	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17500	3.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.40%
7) Chloroethane-d5	1.92	69	17188	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.58	63	31181	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.66	46	78422	34.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.92%
24) Chloroform-d	5.08	84	48660	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.72	65	29543	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
32) Benzene-d6	5.74	84	84819	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.70	67	29455	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.90	98	72052	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.19	79	11763	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	57789	35.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25024	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31449	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	726	0.109 ug/L #	43
5) Vinyl chloride	1.61	62	24143	3.706 ug/L #	1
8) Chloroethane	1.94	64	3477	0.804 ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	284	0.051 ug/L #	26
13) Acetone	2.67	43	9208	6.099 ug/L	96
14) Carbon disulfide	2.81	76	5570	0.387 ug/L	98
15) Methyl Acetate	2.98	43	1590	0.507 ug/L #	55
17) Methyl tert-butyl Ether	3.38	73	1187	0.089 ug/L #	68
18) trans-1,2-Dichloroethene	3.37	96	19080	4.011 ug/L	97
19) 1,1-Dichloroethane	3.88	63	2924	0.275 ug/L	96
21) 2-Butanone	4.74	43	7122	3.107 ug/L	90
22) cis-1,2-Dichloroethene	4.68	96	19265	3.586 ug/L	97
27) 1,2-Dichloroethane	5.81	62	1246	0.150 ug/L #	74
33) Benzene	5.79	78	27444	1.344 ug/L	100
34) Trichloroethene	6.55	95	2021	0.366 ug/L	86
35) Methylcyclohexane	6.70	83	6913	0.943 ug/L #	16
37) 1,2-Dichloropropane	6.70	63	3527	0.591 ug/L #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041341.D
 Acq On : 19 Nov 2020 14:19
 Operator : SY/MD
 Sample : L4790-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4390

Quant Time: Nov 20 05:57:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

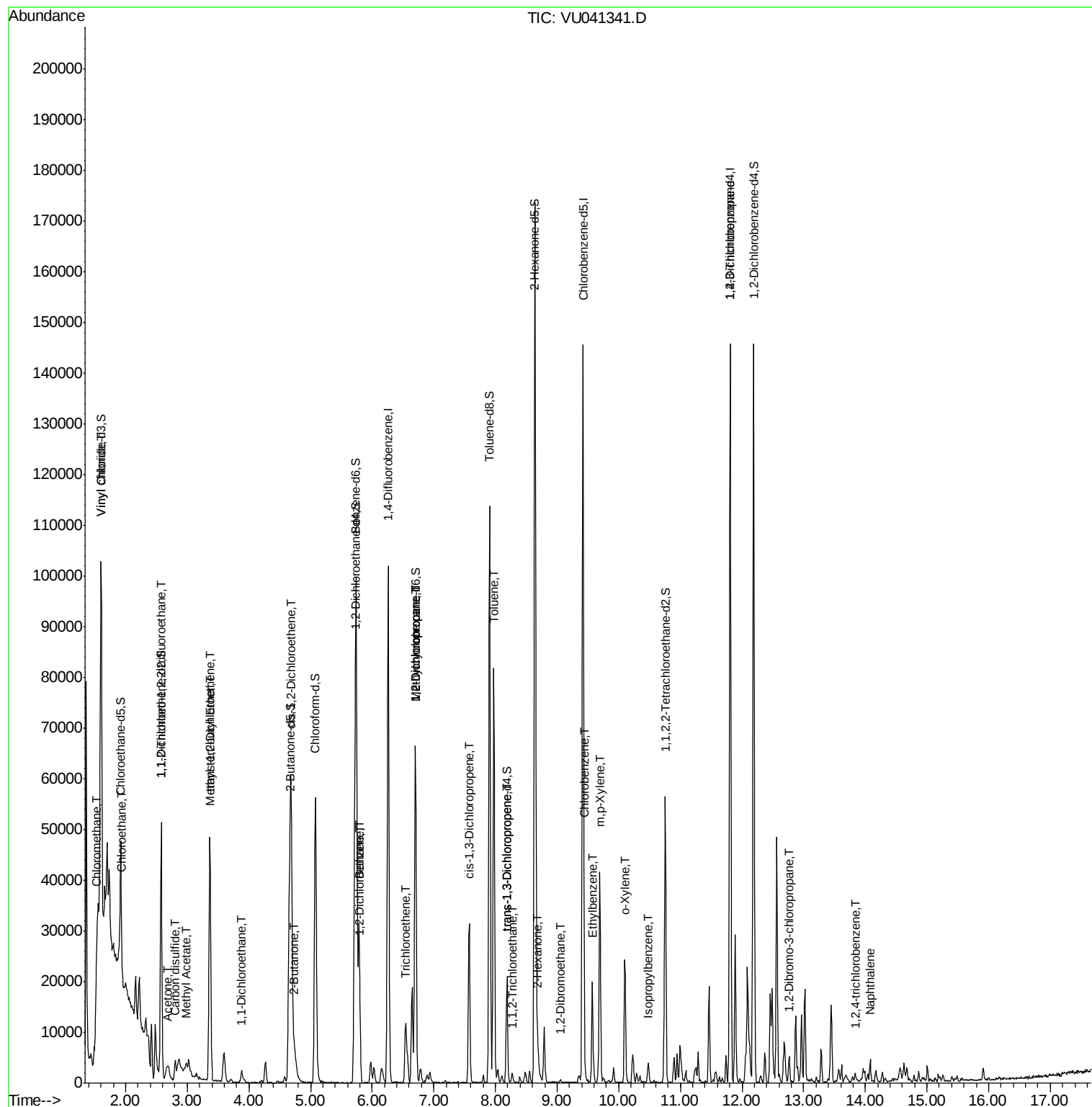
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	7.57	75	818	0.098	ug/L #	71
42) Toluene	7.97	91	56723	2.599	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	466	0.059	ug/L #	80
45) 1,1,2-Trichloroethane	8.27	97	723	0.157	ug/L #	11
48) 2-Hexanone	8.69	43	2645	0.717	ug/L #	77
50) 1,2-Dibromoethane	9.06	107	287	0.067	ug/L #	6
51) Chlorobenzene	9.45	112	921	0.064	ug/L	85
52) Ethylbenzene	9.57	91	13094	0.562	ug/L	95
53) m,p-Xylene	9.69	106	11394	1.353	ug/L	91
54) o-Xylene	10.10	106	6064	0.747	ug/L	89
56) Isopropylbenzene	10.48	105	1708	0.079	ug/L	95
59) 1,2,3-Trichloropropane	11.81	75	4805	1.021	ug/L #	82
66) 1,2-Dibromo-3-chloropropan	12.76	75	120	0.120	ug/L #	7
68) 1,2,4-trichlorobenzene	13.83	180	258	0.040	ug/L #	87
69) Naphthalene	14.08	128	3072	0.297	ug/L #	87

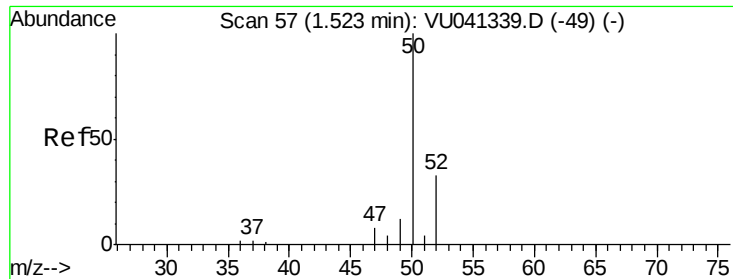
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041341.D
Acq On : 19 Nov 2020 14:19
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4390

Quant Time: Nov 20 05:57:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

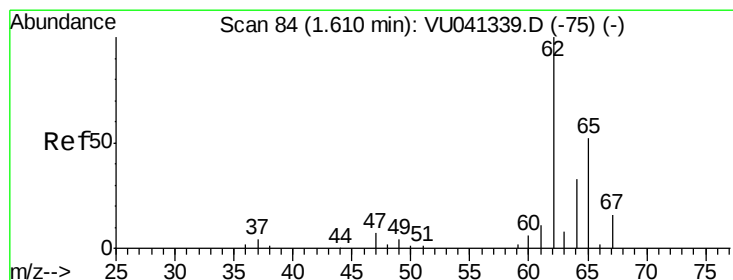
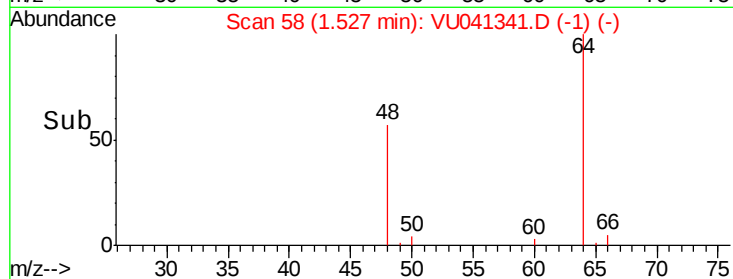
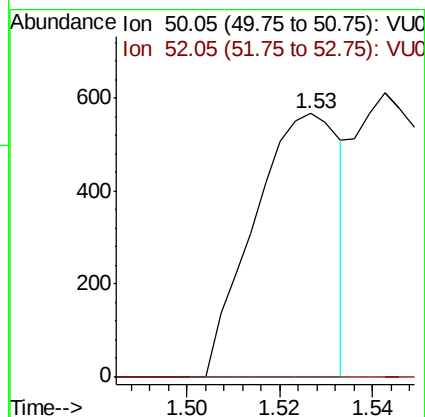
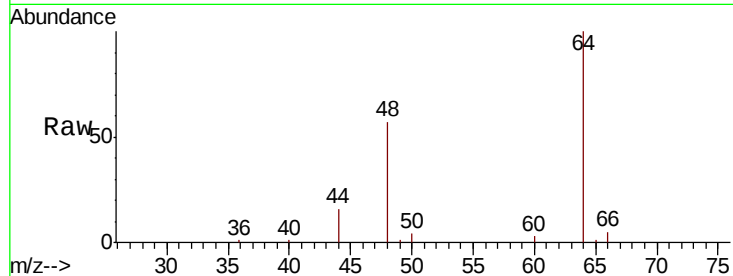




#3
Chloromethane
Concen: 0.109 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

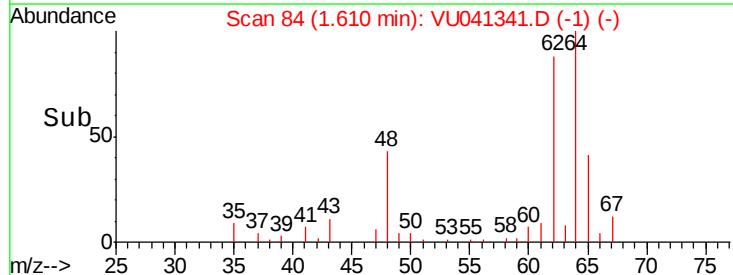
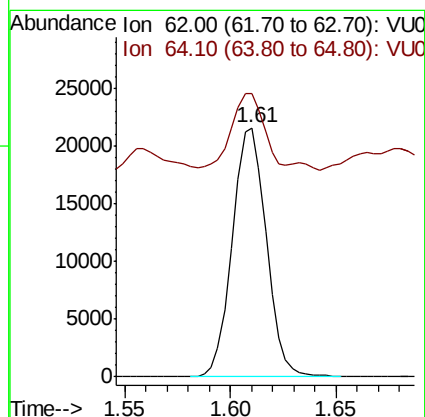
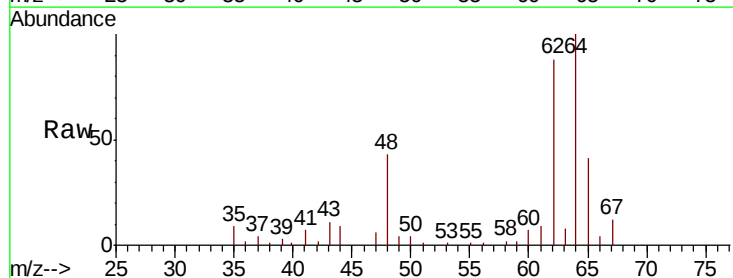
Instrument :
MSVOA_U
ClientSampleId :
H4390

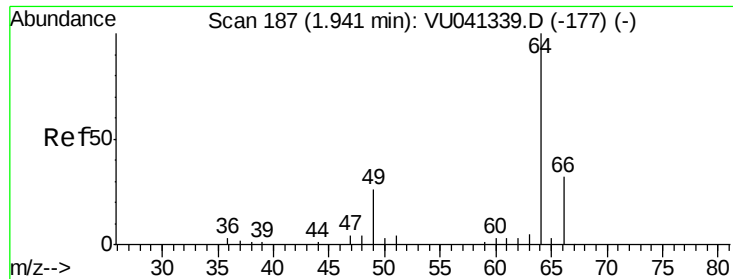
Tot Ion: 50 Resp: 726
Ion Ratio Lower Upper
50 100
52 0.0 22.4 41.6#



#5
Vinyl chloride
Concen: 3.706 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

Tgt Ion: 62 Resp: 24143
Ion Ratio Lower Upper
62 100
64 113.5 22.7 42.3#

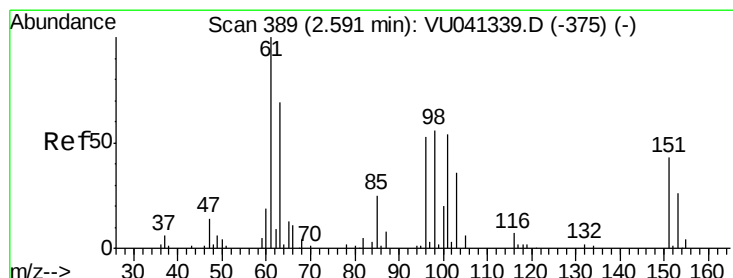
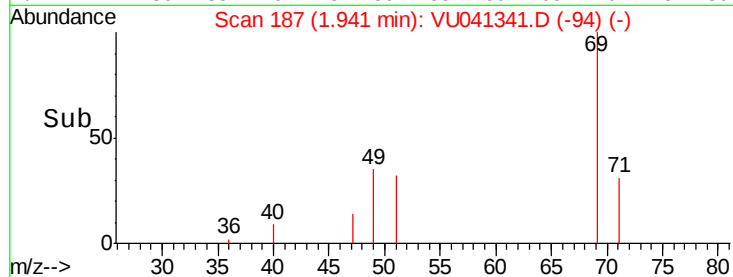
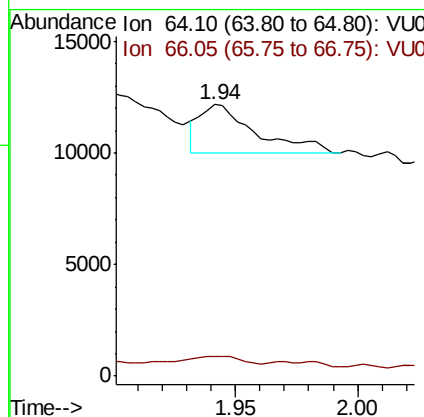
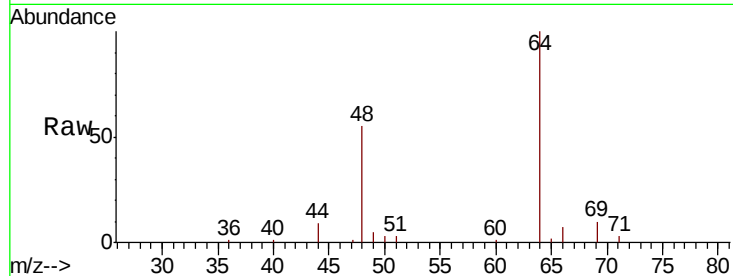




#8
 Chloroethane
 Concen: 0.804 ug/L
 RT: 1.94 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

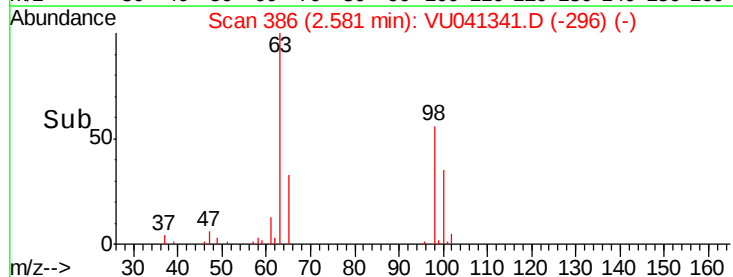
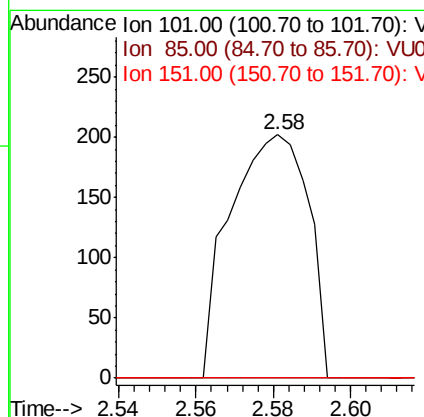
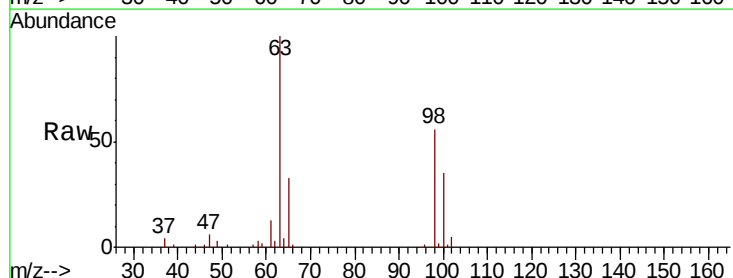
Instrument :
 MSVOA_U
 ClientSampleId :
 H4390

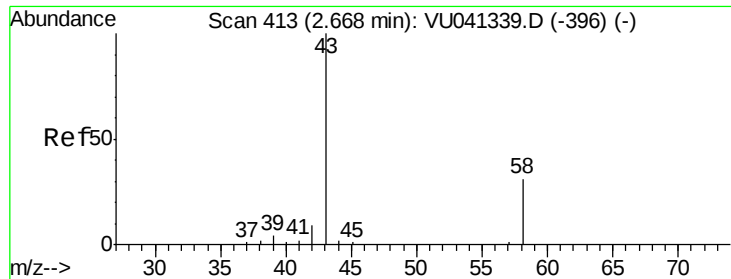
Tot Ion: 64 Resp: 3477
 Ion Ratio Lower Upper
 64 100
 66 7.2 22.3 41.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

Tgt Ion: 101 Resp: 284
 Ion Ratio Lower Upper
 101 100
 85 6.7 35.0 52.4#
 151 0.0 55.3 82.9#





#13

Acetone

Concen: 6.099 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

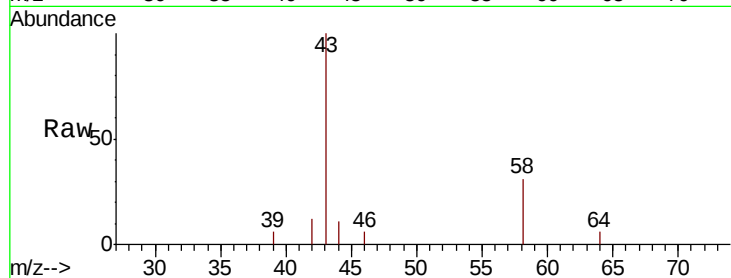
H4390

Tot Ion: 43 Resp: 9208

Ion Ratio Lower Upper

43 100

58 14.4 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU041339.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041339.D (-396) (-)

2.67

2000

1500

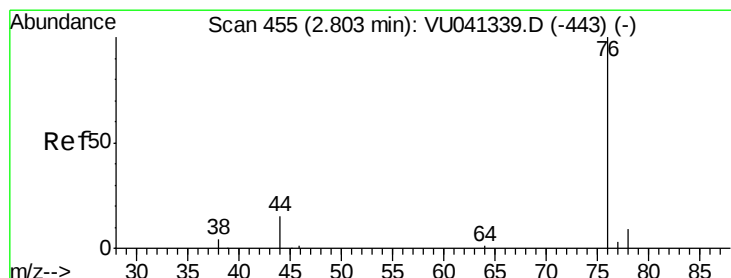
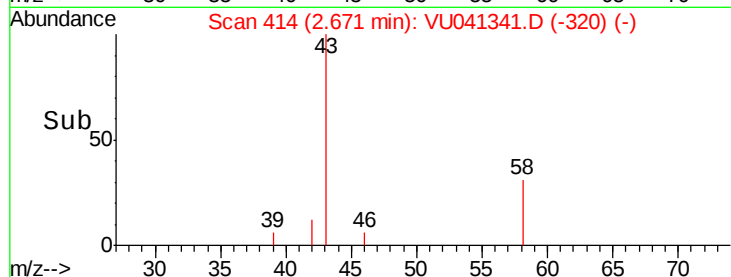
1000

500

0

2.60 2.70 2.80 2.90

Time-->



#14

Carbon disulfide

Concen: 0.387 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041341.D

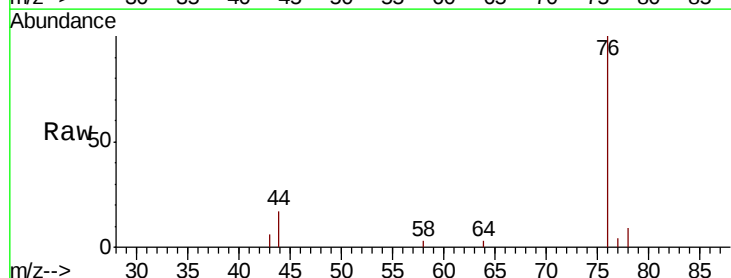
Acq: 19 Nov 2020 14:19

Tgt Ion: 76 Resp: 5570

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU041339.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU041339.D (-443) (-)

2.81

3000

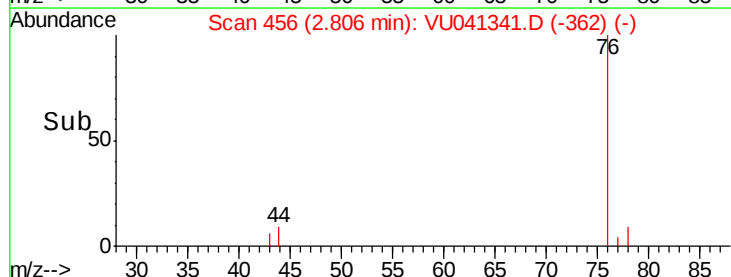
2000

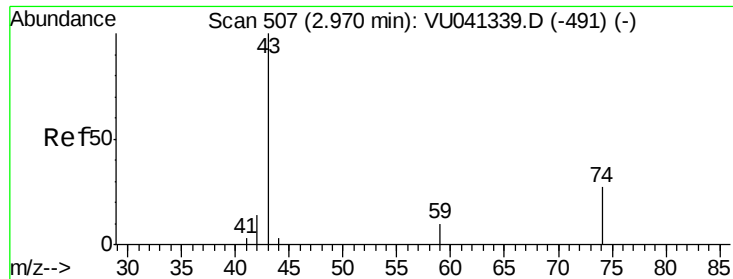
1000

0

2.75 2.80

Time-->

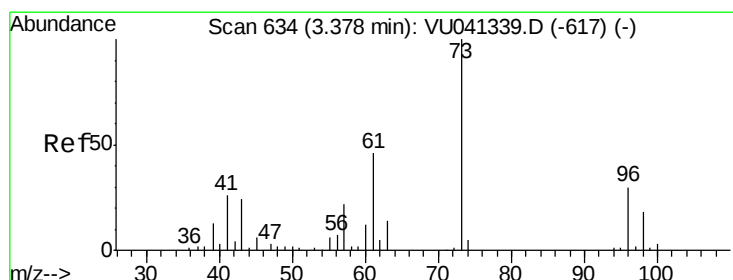
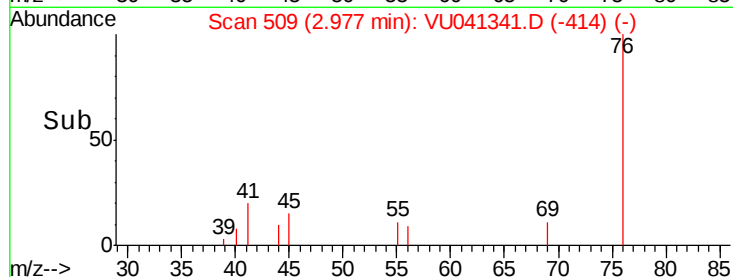
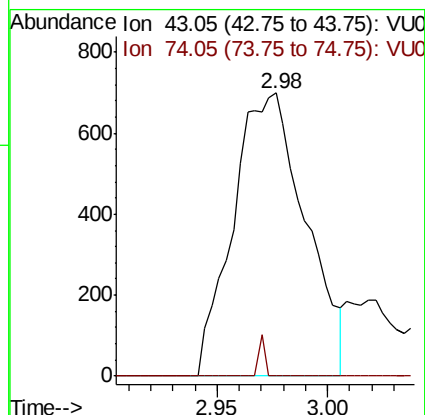
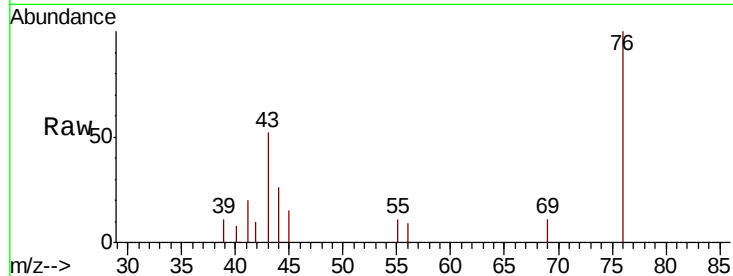




#15
Methyl Acetate
Concen: 0.507 ug/L
RT: 2.98 min Scan# 509
Delta R.T. 0.01 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

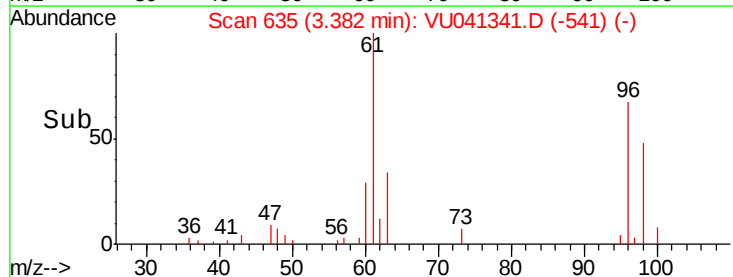
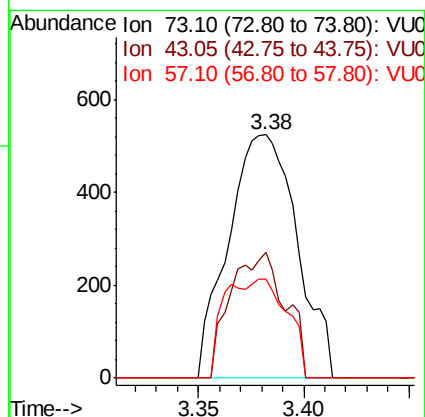
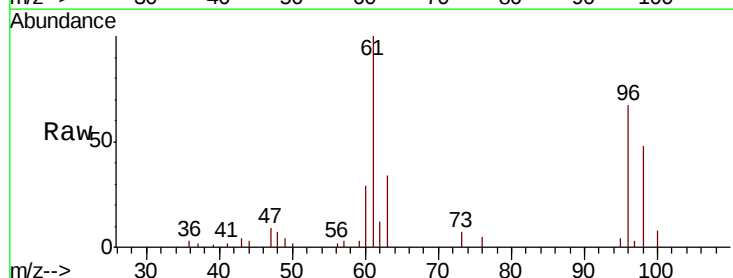
Instrument :
MSVOA_U
ClientSampleId :
H4390

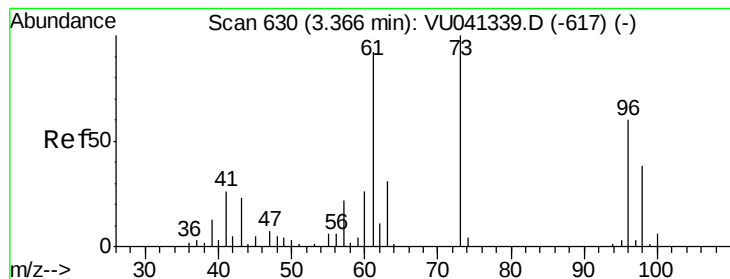
Tot Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
74 1.2 18.3 27.5#



#17
Methyl tert-butyl Ether
Concen: 0.089 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

Tgt Ion: 73 Resp: 1187
Ion Ratio Lower Upper
73 100
43 40.9 18.5 27.7#
57 36.7 18.4 27.6#





#18

trans-1,2-Dichloroethene

Concen: 4.011 ug/L

RT: 3.37 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

H4390

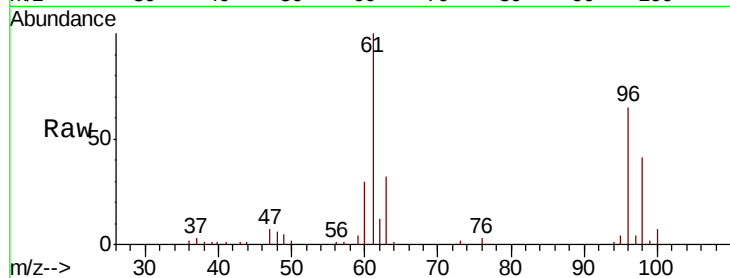
Tot Ion: 96 Resp: 19080

Ion Ratio Lower Upper

96 100

61 153.7 110.9 205.9

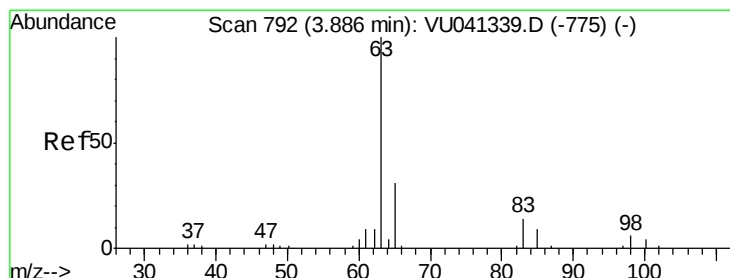
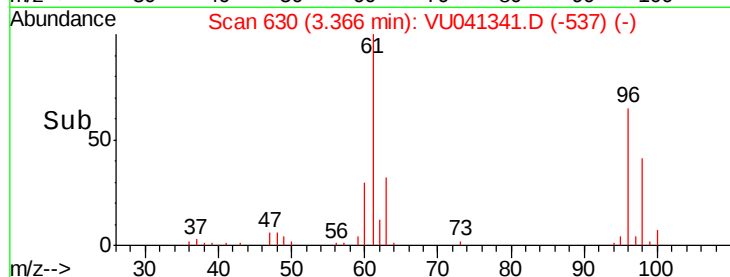
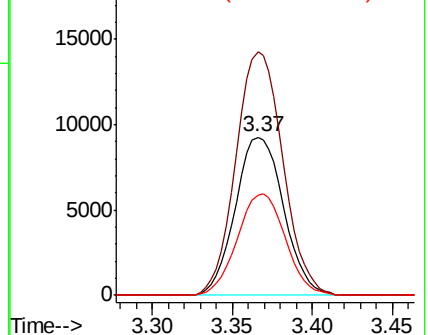
98 63.2 45.4 84.2



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: 0.275 ug/L

RT: 3.88 min Scan# 791

Delta R.T. -0.00 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

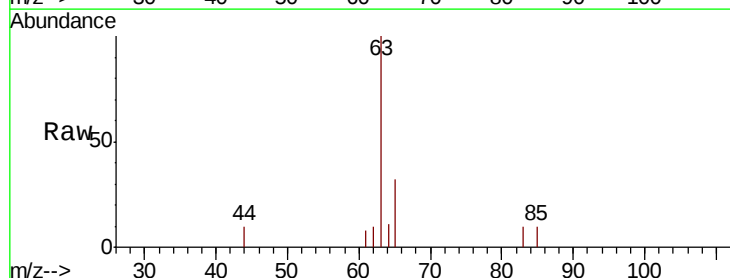
Tgt Ion: 63 Resp: 2924

Ion Ratio Lower Upper

63 100

65 32.1 21.3 39.6

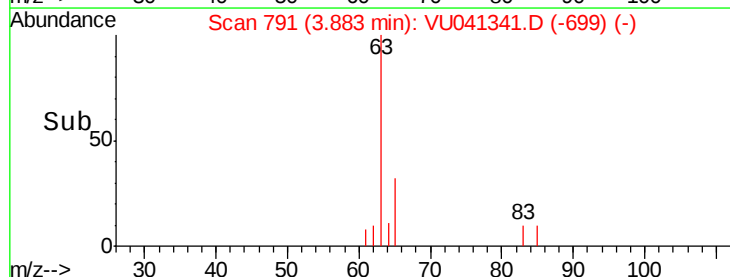
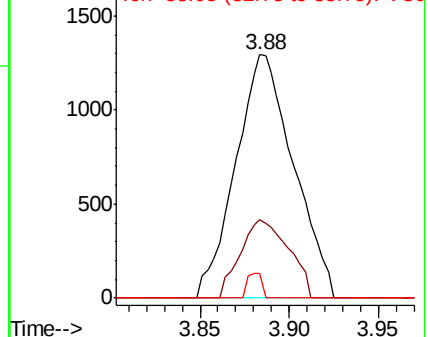
83 10.3 8.8 16.3

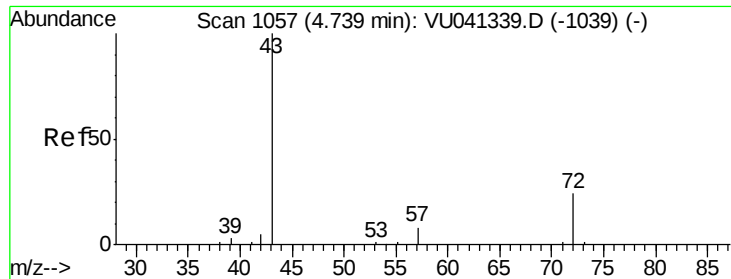


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

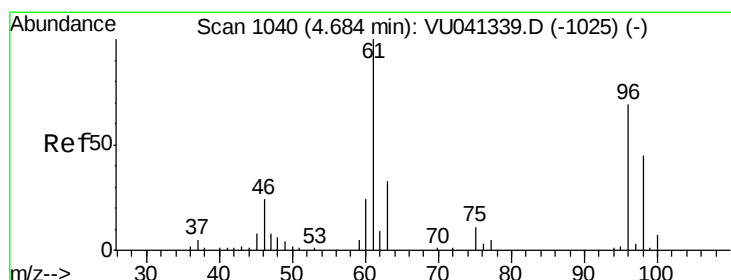
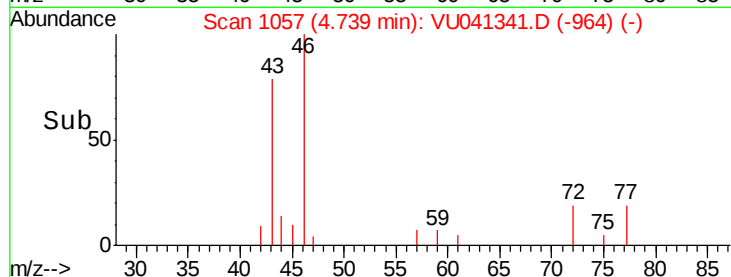
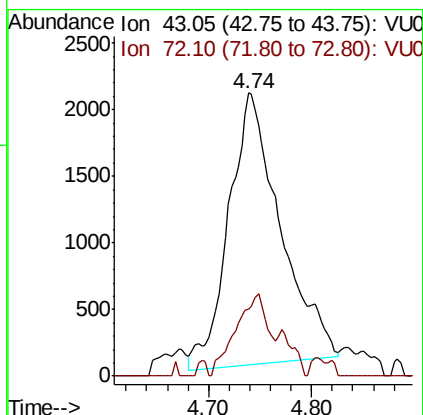
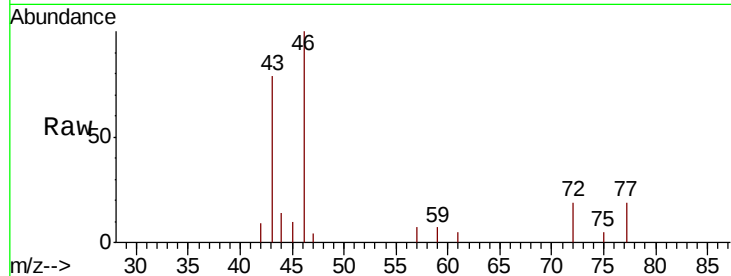




#21
2-Butanone
Concen: 3.107 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

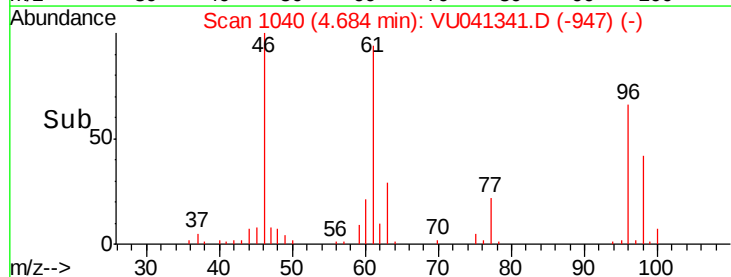
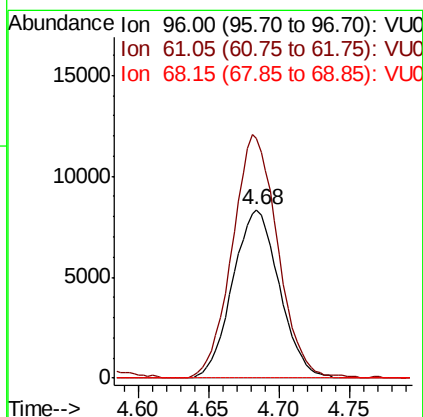
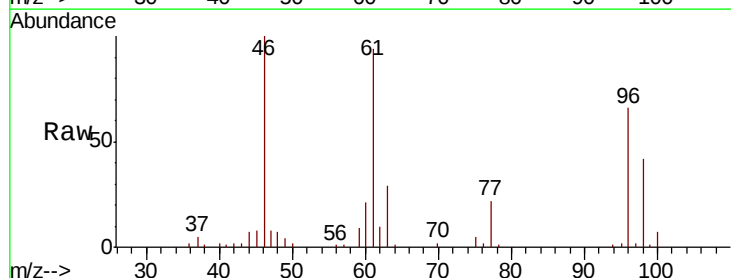
Instrument :
MSVOA_U
ClientSampleId :
H4390

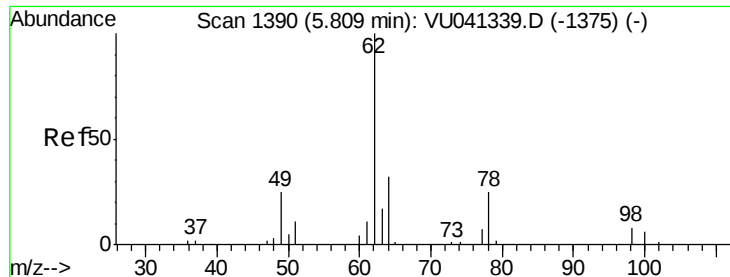
Tot Ion: 43 Resp: 7122
Ion Ratio Lower Upper
43 100
72 18.8 11.8 35.4



#22
cis-1,2-Dichloroethene
Concen: 3.586 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

Tgt Ion: 96 Resp: 19265
Ion Ratio Lower Upper
96 100
61 142.6 97.2 180.4
68 0.0 0.0 0.0

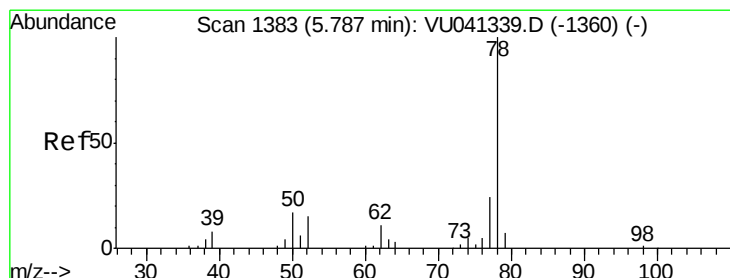
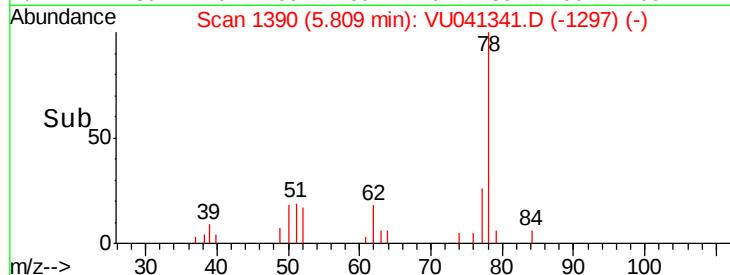
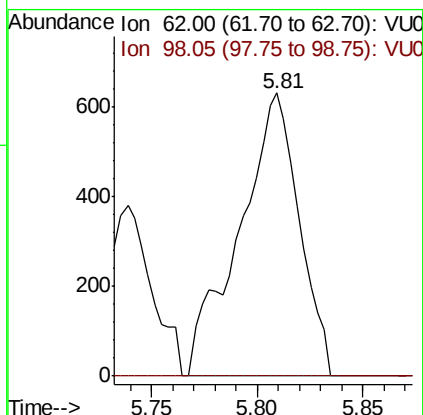
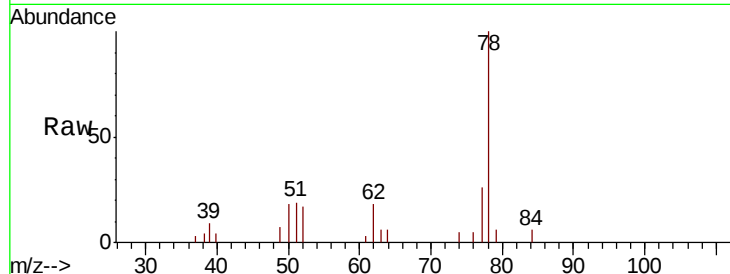




#27
 1,2-Dichloroethane
 Concen: 0.150 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

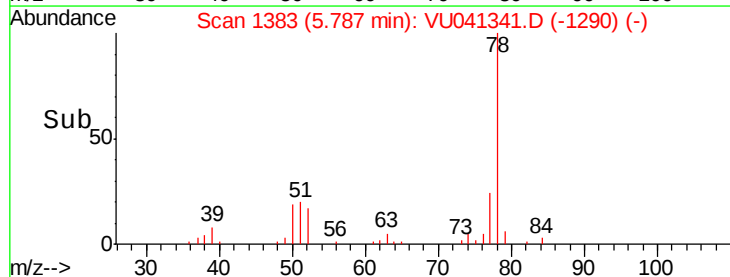
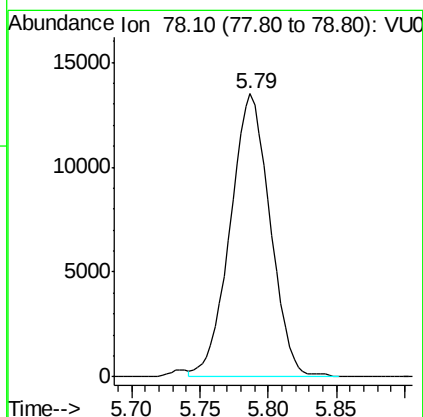
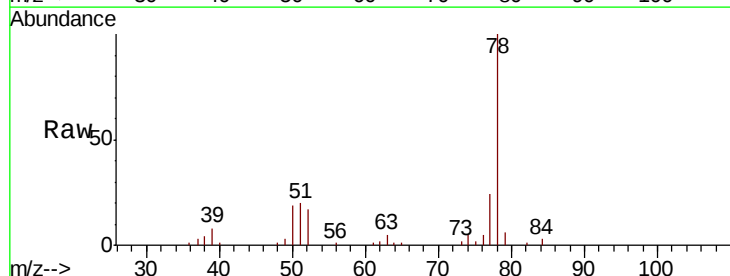
Instrument :
 MSVOA_U
 ClientSampleId :
 H4390

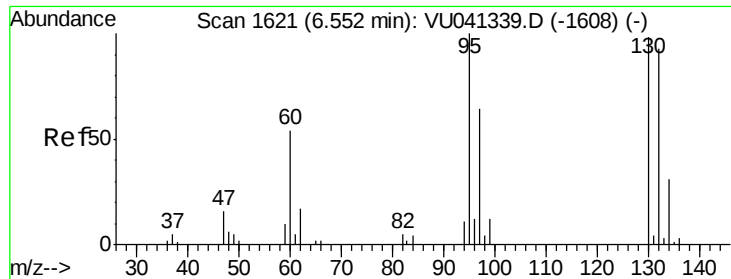
Tot Ion: 62 Resp: 1246
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 1.344 ug/L
 RT: 5.79 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

Tgt Ion: 78 Resp: 27444

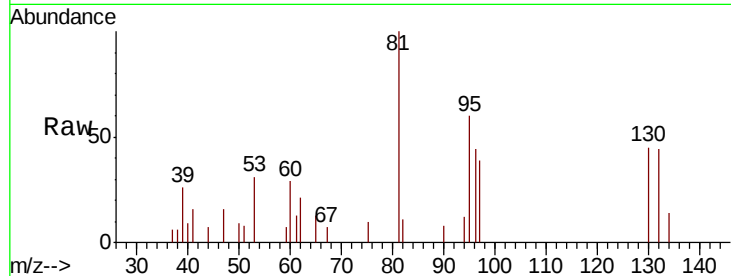




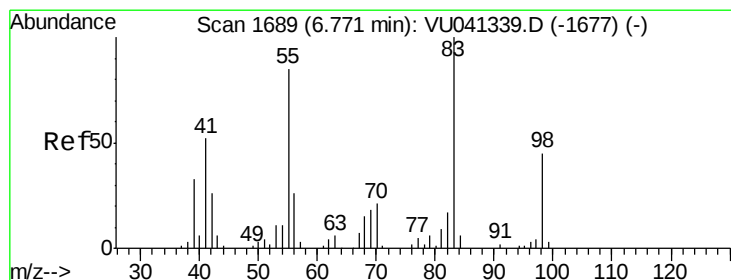
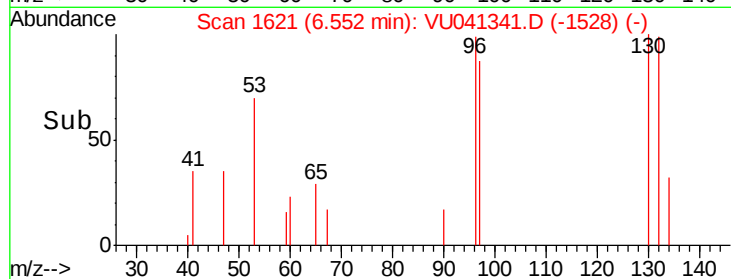
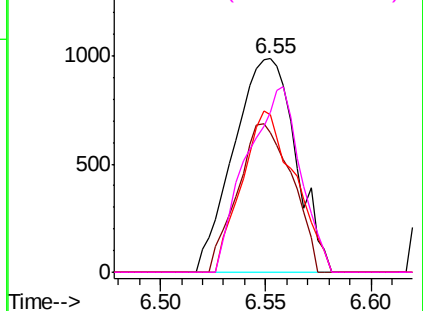
#34
 Trichloroethene
 Concen: 0.366 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 H4390

Tot Ion:	95.00	Resp:	2021
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.6	84.6
132	73.8	64.8	120.4
130	74.9	64.8	120.4

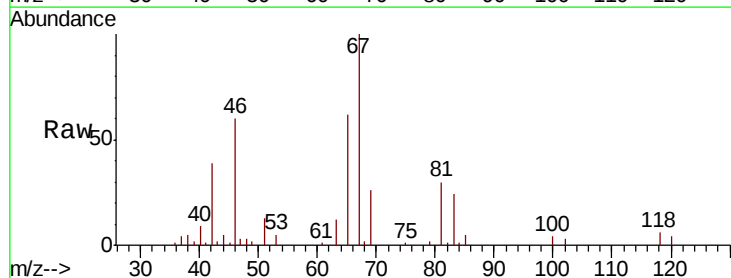


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

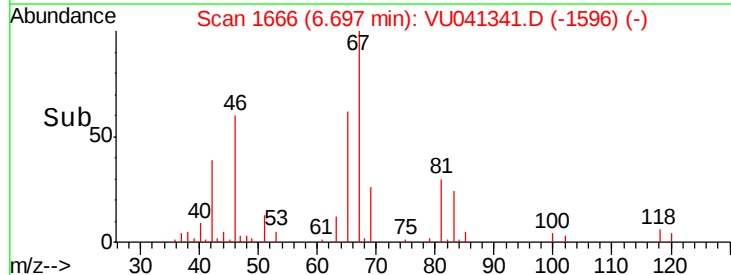
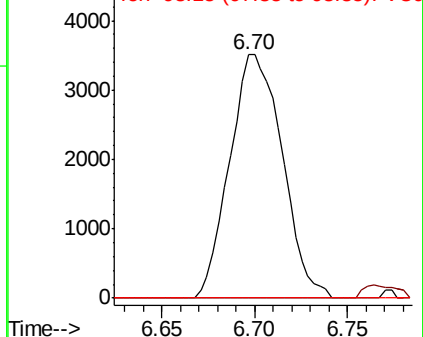


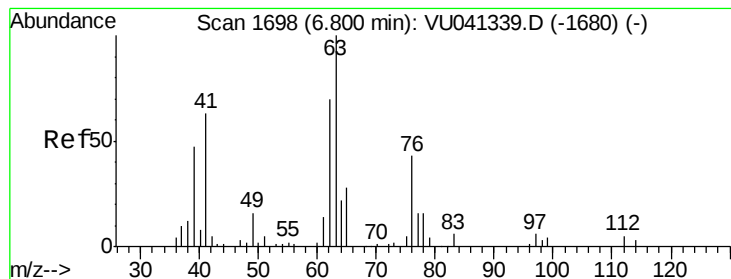
#35
 Methylcyclohexane
 Concen: 0.943 ug/L
 RT: 6.70 min Scan# 1666
 Delta R.T. -0.07 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

Tgt Ion:	83	Resp:	6913
Ion	Ratio	Lower	Upper
83	100		
55	3.3	72.0	108.0#
98	0.0	36.6	55.0#



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: 0.591 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

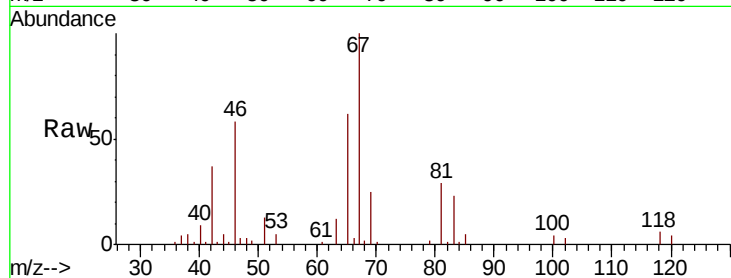
H4390

Tot Ion: 63 Resp: 3527

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041339.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU041339.D (-1680) (-)

6.70

1500

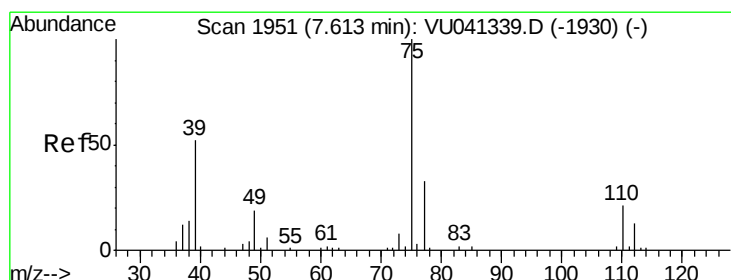
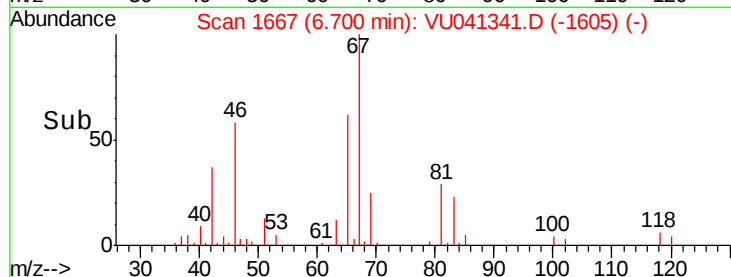
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.57 min Scan# 1937

Delta R.T. -0.04 min

Lab File: VU041341.D

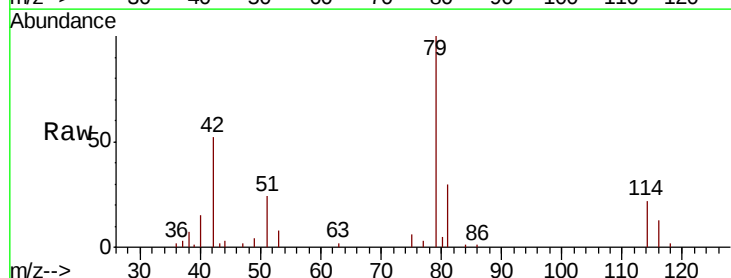
Acq: 19 Nov 2020 14:19

Tgt Ion: 75 Resp: 818

Ion Ratio Lower Upper

75 100

77 48.9 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041339.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU041339.D (-1930) (-)

7.57

600

500

400

300

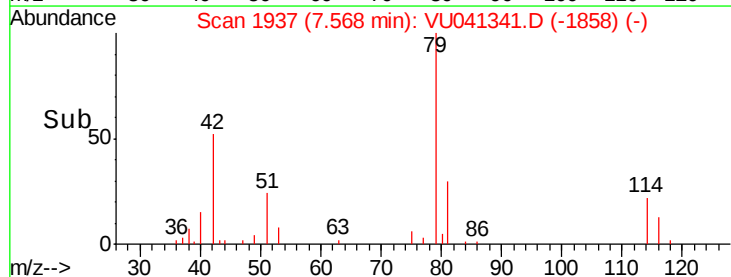
200

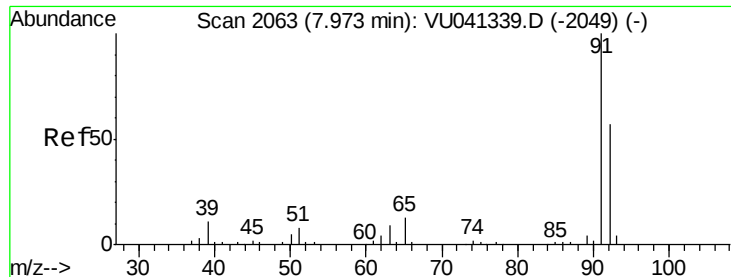
100

0

7.54 7.56 7.58 7.60

Time-->





#42

Toluene

Concen: 2.599 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

Instrument :

MSVOA_U

ClientSampled :

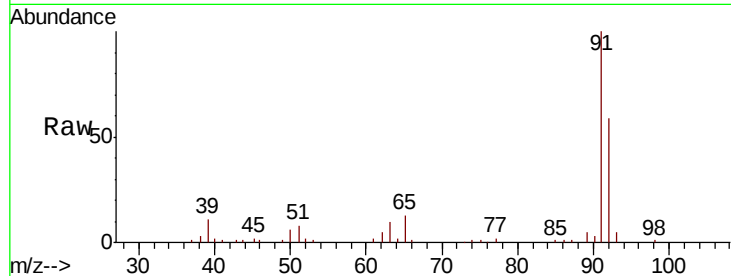
H4390

Tot Ion: 91 Resp: 56723

Ion Ratio Lower Upper

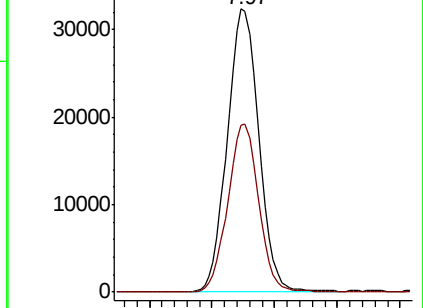
91 100

92 59.0 40.6 75.4

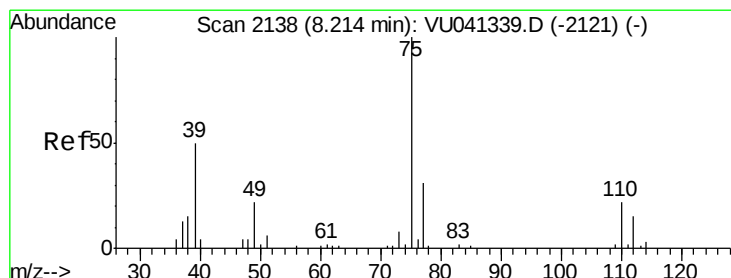
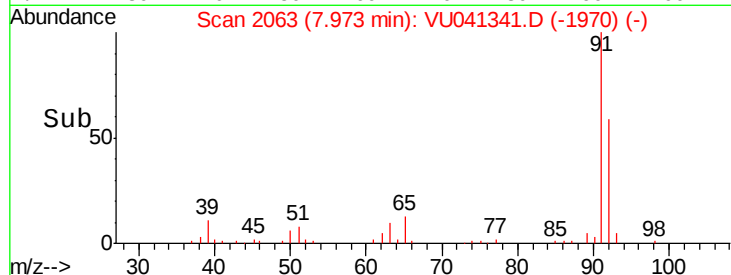


Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041341.D

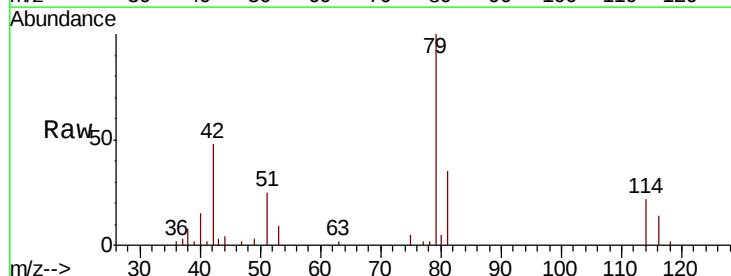
Acq: 19 Nov 2020 14:19

Tgt Ion: 75 Resp: 466

Ion Ratio Lower Upper

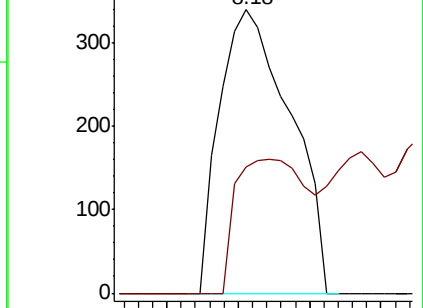
75 100

77 44.5 23.3 43.3#

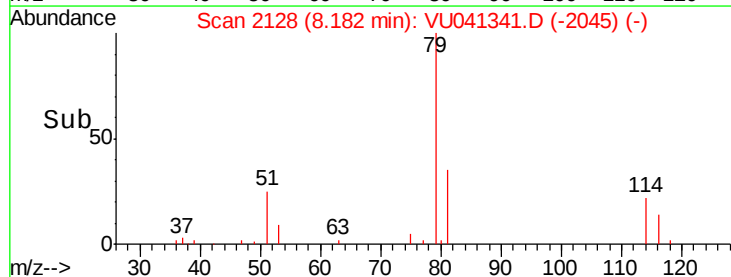


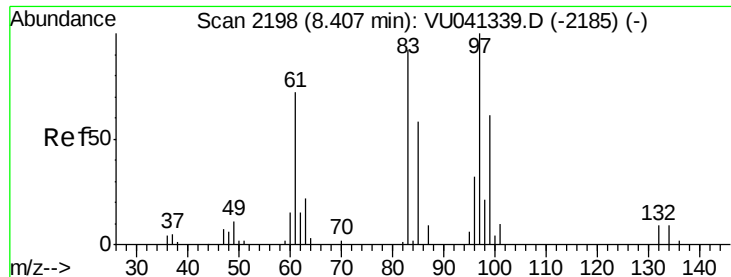
Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->

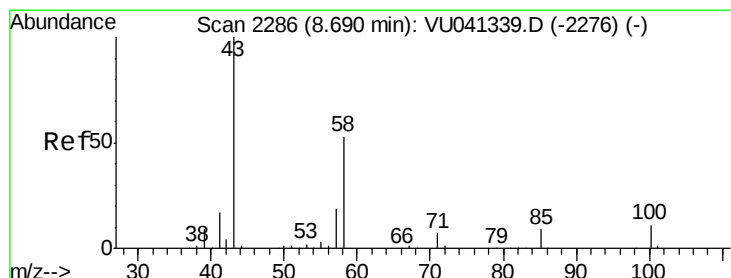
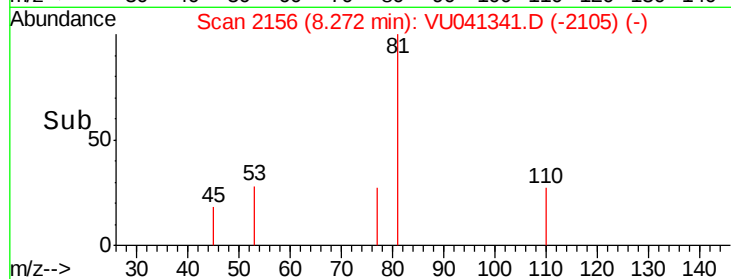
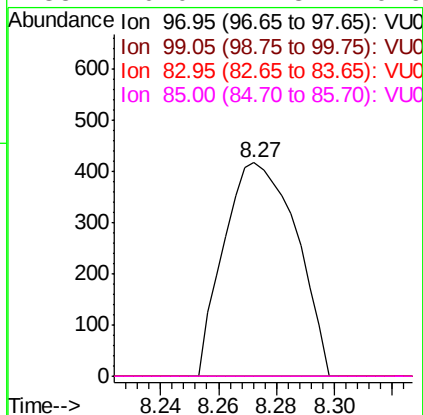
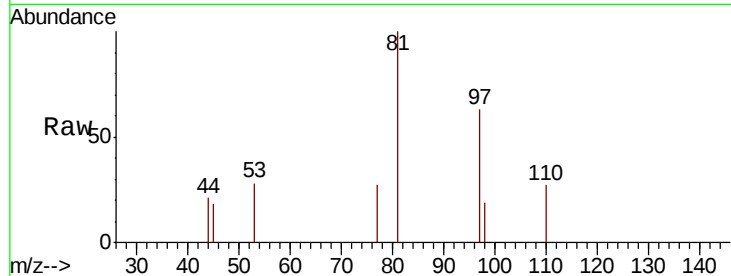




#45
 1,1,2-Trichloroethane
 Concen: 0.157 ug/L
 RT: 8.27 min Scan# 2156
 Delta R.T. -0.13 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

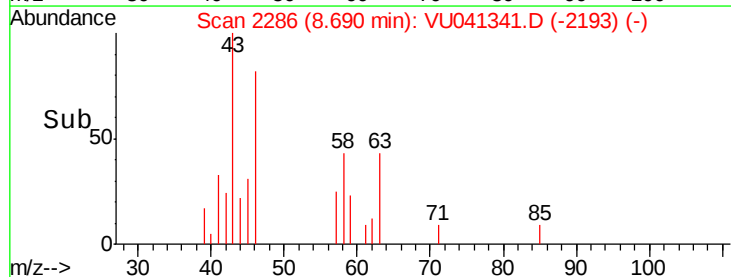
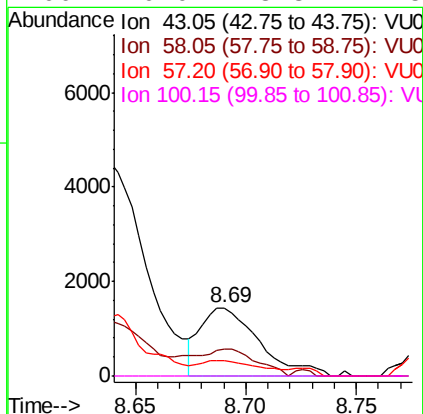
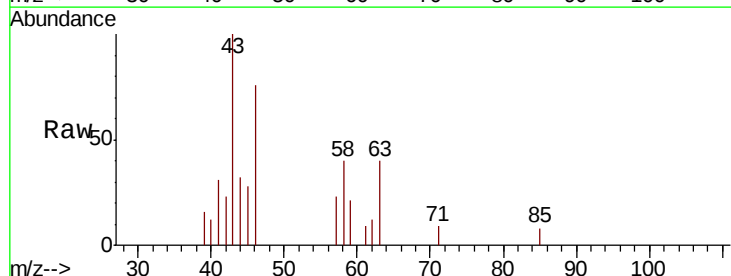
Instrument :
 MSVOA_U
 ClientSampleId :
 H4390

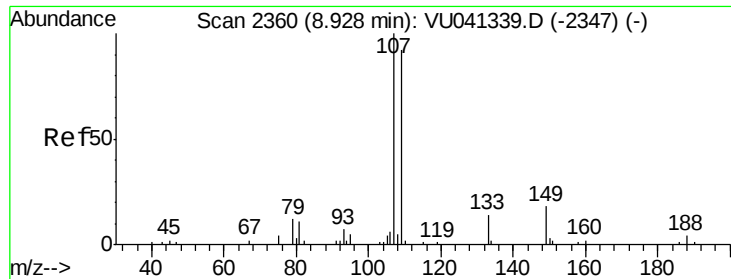
Tot Ion: 97 Resp: 723
 Ion Ratio Lower Upper
 97 100
 99 0.0 45.8 85.2#
 83 0.0 67.9 126.1#
 85 0.0 42.8 79.6#



#48
 2-Hexanone
 Concen: 0.717 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

Tgt Ion: 43 Resp: 2645
 Ion Ratio Lower Upper
 43 100
 58 34.1 41.4 62.2#
 57 24.2 14.6 21.8#
 100 0.0 8.3 12.5#

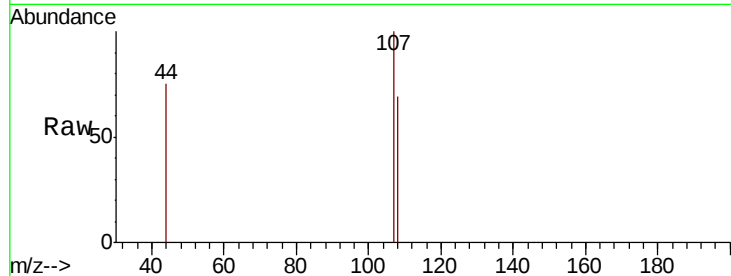




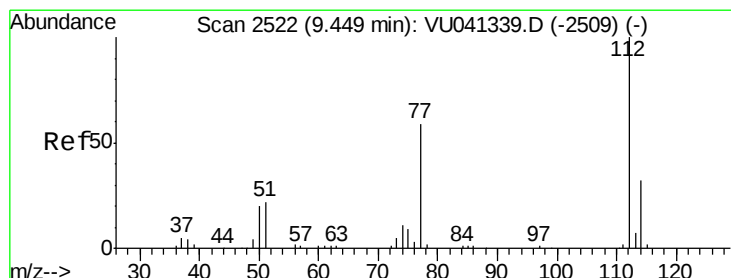
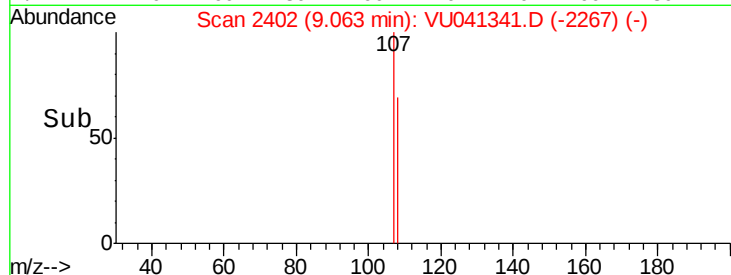
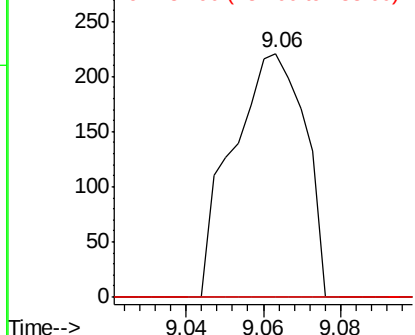
#50
1,2-Dibromoethane
Concen: 0.067 ug/L
RT: 9.06 min Scan# 2402
Delta R.T. 0.14 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

Instrument :
MSVOA_U
ClientSampleId :
H4390

Tot Ion:107 Resp: 287
Ion Ratio Lower Upper
107 100
109 0.0 65.6 121.8#
188 0.0 2.9 4.3#

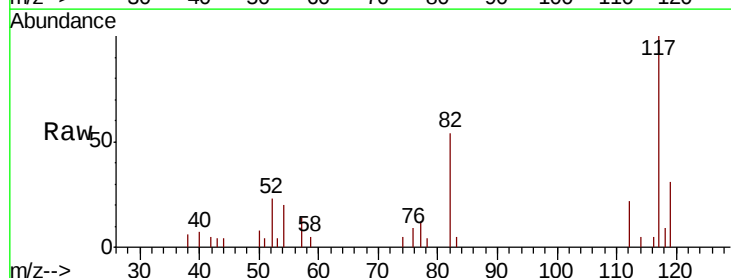


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

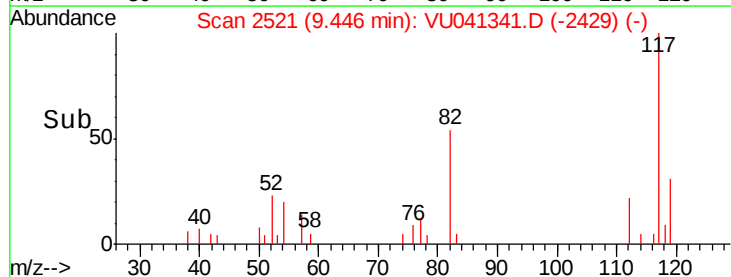
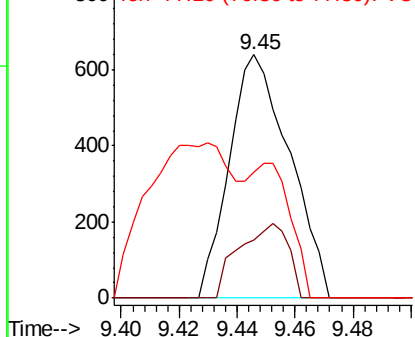


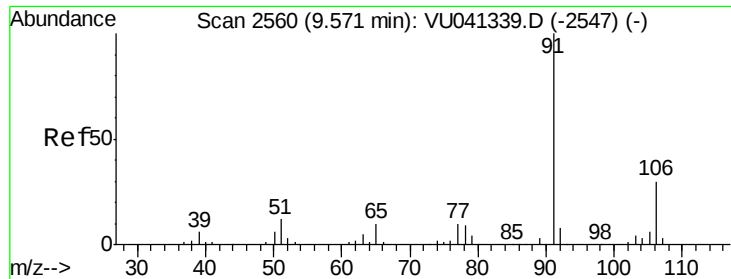
#51
Chlorobenzene
Concen: 0.064 ug/L
RT: 9.45 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

Tgt Ion:112 Resp: 921
Ion Ratio Lower Upper
112 100
114 23.9 22.4 41.6
77 51.9 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: 0.562 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

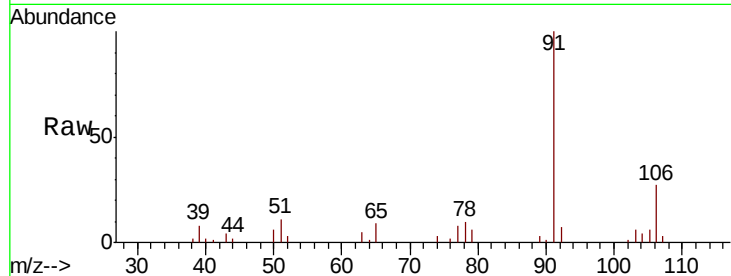
H4390

Tot Ion: 91 Resp: 13094

Ion Ratio Lower Upper

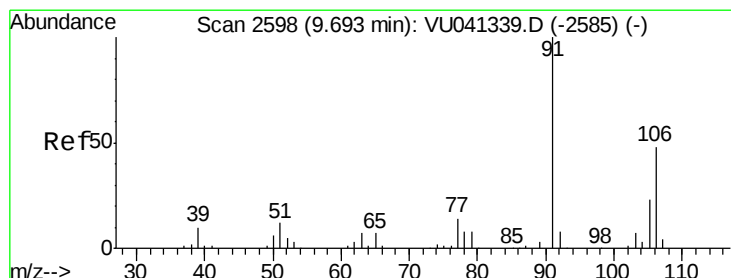
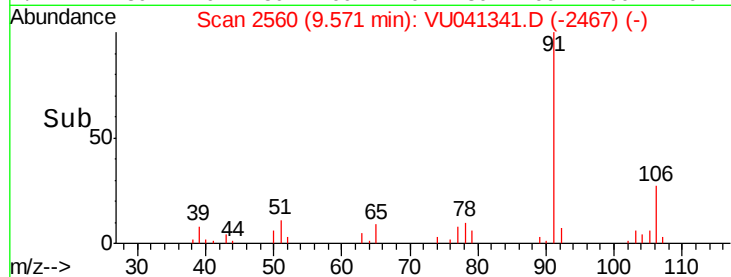
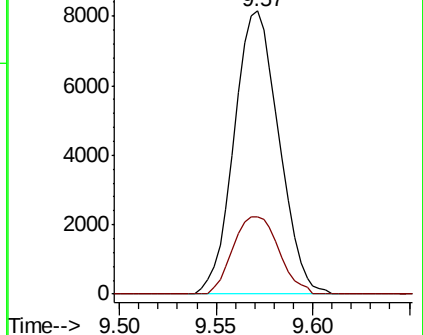
91 100

106 27.2 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU041339.D (-2547) (-)

Ion 106.15 (105.85 to 106.85): VU041339.D (-2547) (-)



#53

m,p-Xylene

Concen: 1.353 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU041341.D

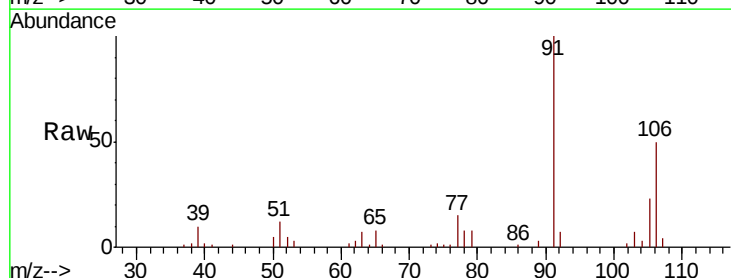
Acq: 19 Nov 2020 14:19

Tgt Ion: 106 Resp: 11394

Ion Ratio Lower Upper

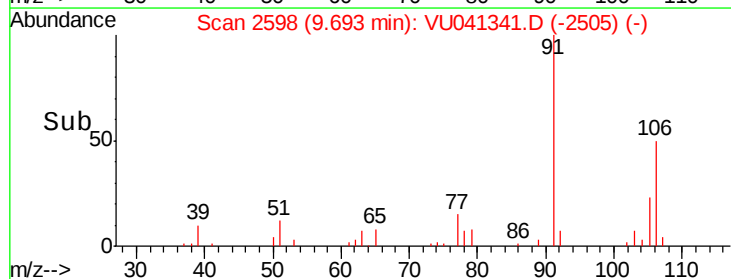
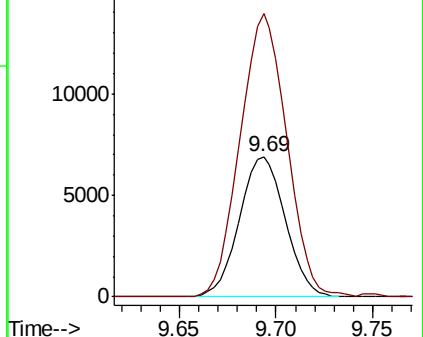
106 100

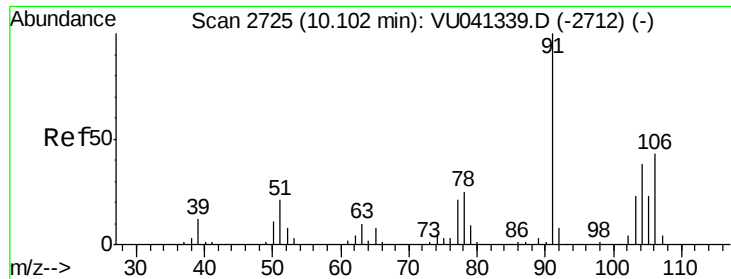
91 201.8 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU041339.D (-2585) (-)

Ion 91.15 (90.85 to 91.85): VU041339.D (-2585) (-)

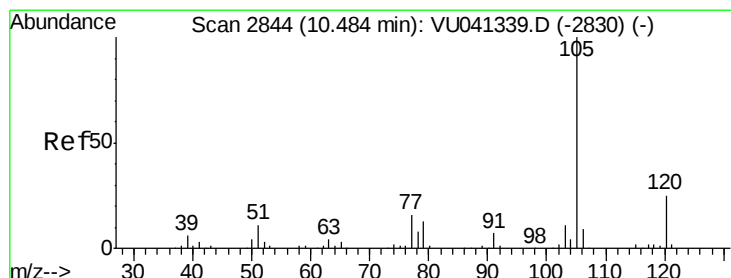
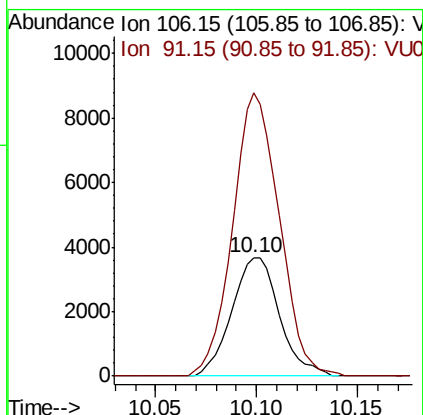
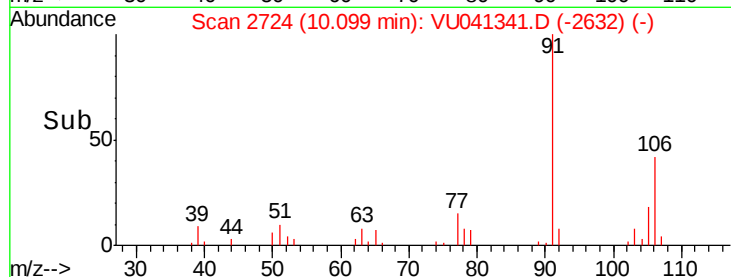
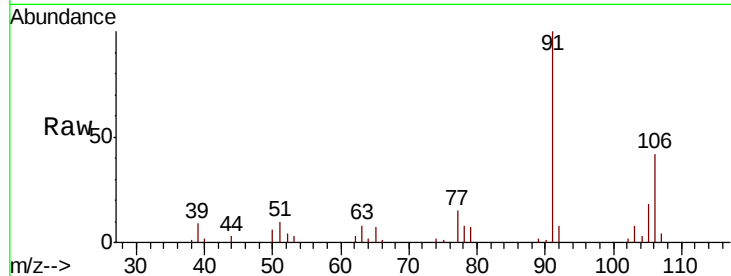




#54
o-Xylene
Concen: 0.747 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

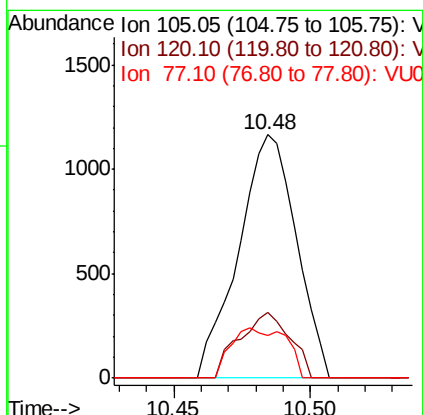
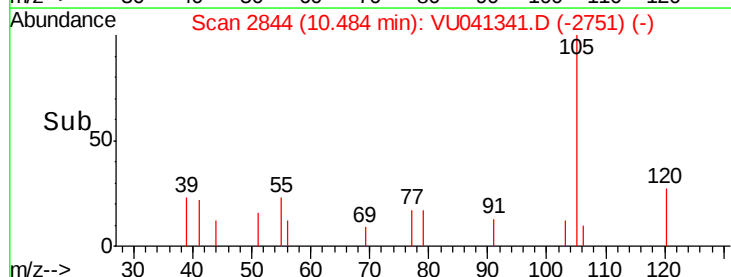
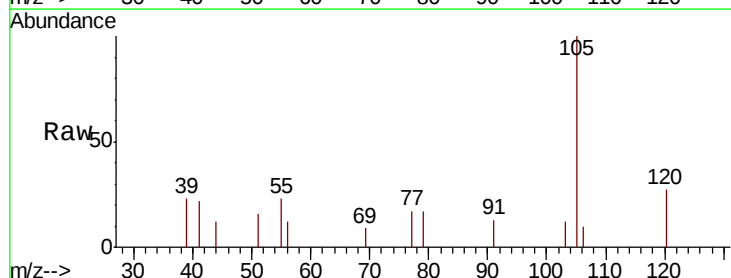
Instrument :
MSVOA_U
ClientSampled :
H4390

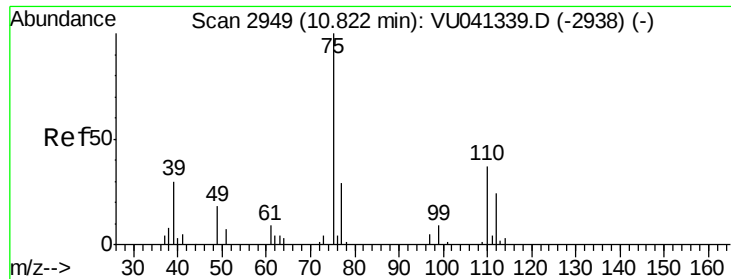
Tot Ion:106 Resp: 6064
Ion Ratio Lower Upper
106 100
91 238.3 154.3 286.5



#56
Isopropylbenzene
Concen: 0.079 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU041341.D
Acq: 19 Nov 2020 14:19

Tgt Ion:105 Resp: 1708
Ion Ratio Lower Upper
105 100
120 23.8 20.7 31.1
77 19.7 13.8 20.6





#59

1,2,3-Trichloropropane

Concen: 1.021 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

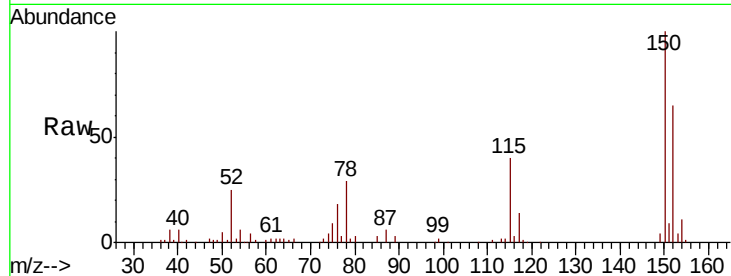
H4390

Tot Ion: 75 Resp: 4805

Ion Ratio Lower Upper

75 100

77 42.4 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

2500

2000

1500

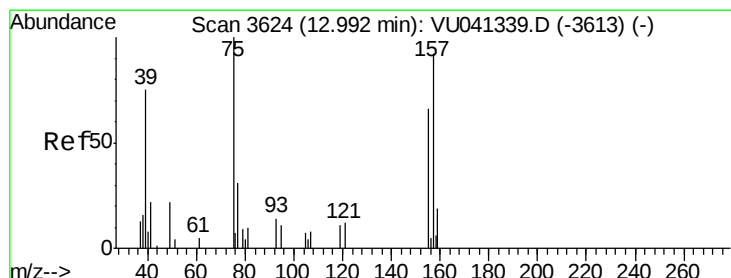
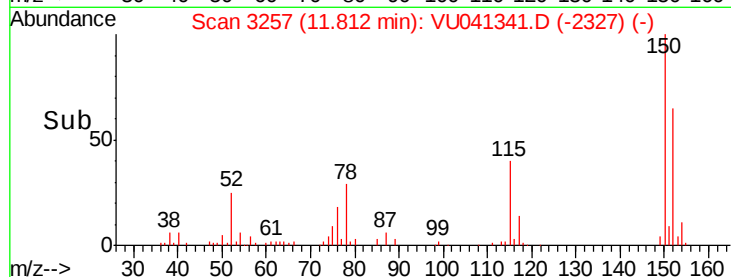
1000

500

0

Time-->

11.75 11.80 11.85



#66

1,2-Dibromo-3-chloropropane

Concen: 0.120 ug/L

RT: 12.76 min Scan# 3552

Delta R.T. -0.23 min

Lab File: VU041341.D

Acq: 19 Nov 2020 14:19

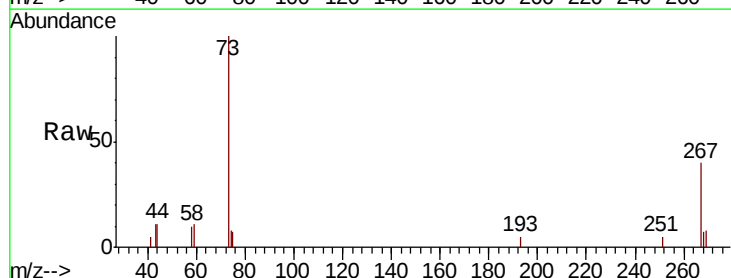
Tgt Ion: 75 Resp: 120

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): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

12.76

150

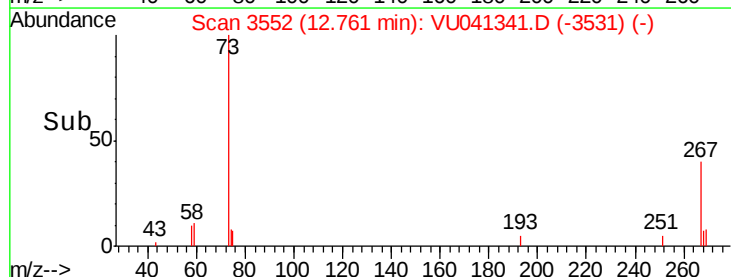
100

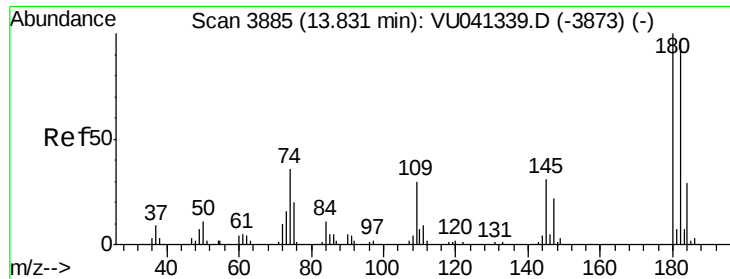
50

0

Time-->

12.74 12.76 12.78

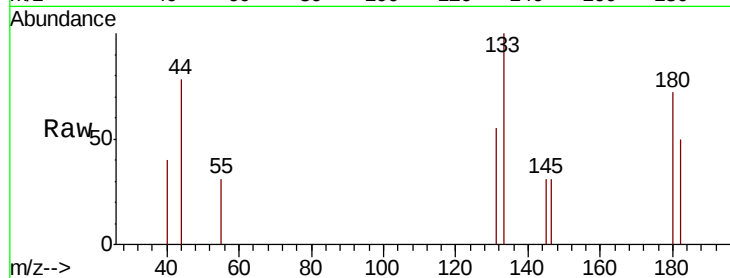




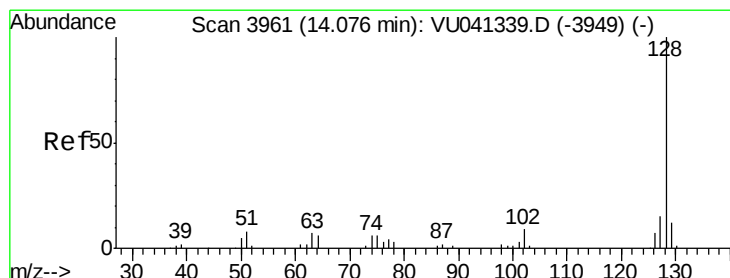
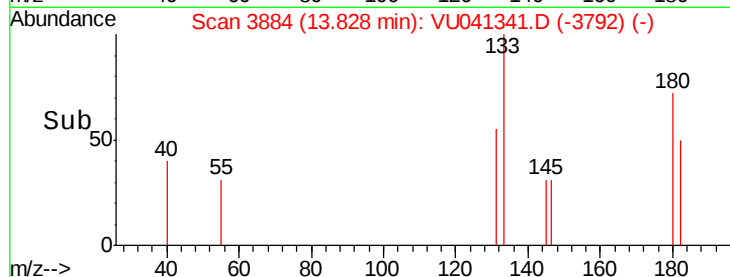
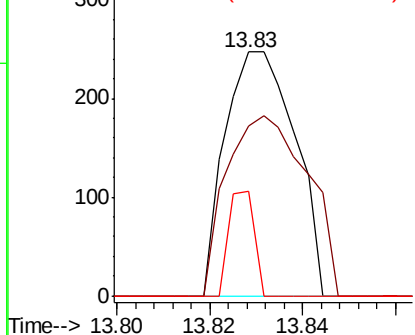
#68
 1,2,4-trichlorobenzene
 Concen: 0.040 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 H4390

Tot Ion:180 Resp: 258
 Ion Ratio Lower Upper
 180 100
 182 85.7 73.5 110.3
 145 15.9 26.6 40.0#

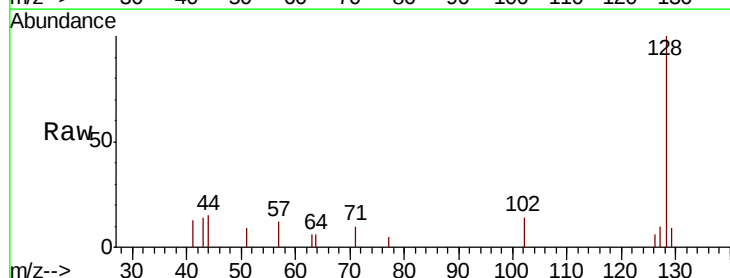


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 0.297 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. 0.00 min
 Lab File: VU041341.D
 Acq: 19 Nov 2020 14:19

Tgt Ion:128 Resp: 3072
 Ion Ratio Lower Upper
 128 100
 129 6.4 8.7 13.1#
 127 7.5 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

