

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040426.D
 Acq On : 01 Oct 2020 15:46
 Operator : SY/MD
 Sample : L4185-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS1

Quant Time: Oct 02 03:22:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54896	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23568	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.92	69	24944	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	40622	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.66	46	158220	54.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.08%
24) Chloroform-d	5.08	84	67507	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	43258	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	118101	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	43541	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	89903	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	15562	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.64	63	108670	49.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42332	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45524	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	1475	0.127 ug/L	84
13) Acetone	2.66	43	27133	11.225 ug/L	93
15) Methyl Acetate	2.97	43	781	0.134 ug/L #	56
21) 2-Butanone	4.83	43	143327	36.941 ug/L #	51
25) Chloroform	5.11	83	1681	0.086 ug/L	95
33) Benzene	5.79	78	1895	0.046 ug/L	100
35) Methylcyclohexane	6.71	83	9944	0.617 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5202	0.451 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1202	0.078 ug/L	83
42) Toluene	7.98	91	22171	0.522 ug/L	96
44) trans-1,3-Dichloropropene	8.19	75	827	0.058 ug/L #	62
48) 2-Hexanone	8.64	43	15516	2.331 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	7742	0.926 ug/L	93
61) Bromoform	10.29	173	283	0.062 ug/L #	35
66) 1,2-Dibromo-3-chloropropan	13.20	75	207	0.130 ug/L #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040426.D
Acq On : 01 Oct 2020 15:46
Operator : SY/MD
Sample : L4185-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS1

Quant Time: Oct 02 03:22:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration

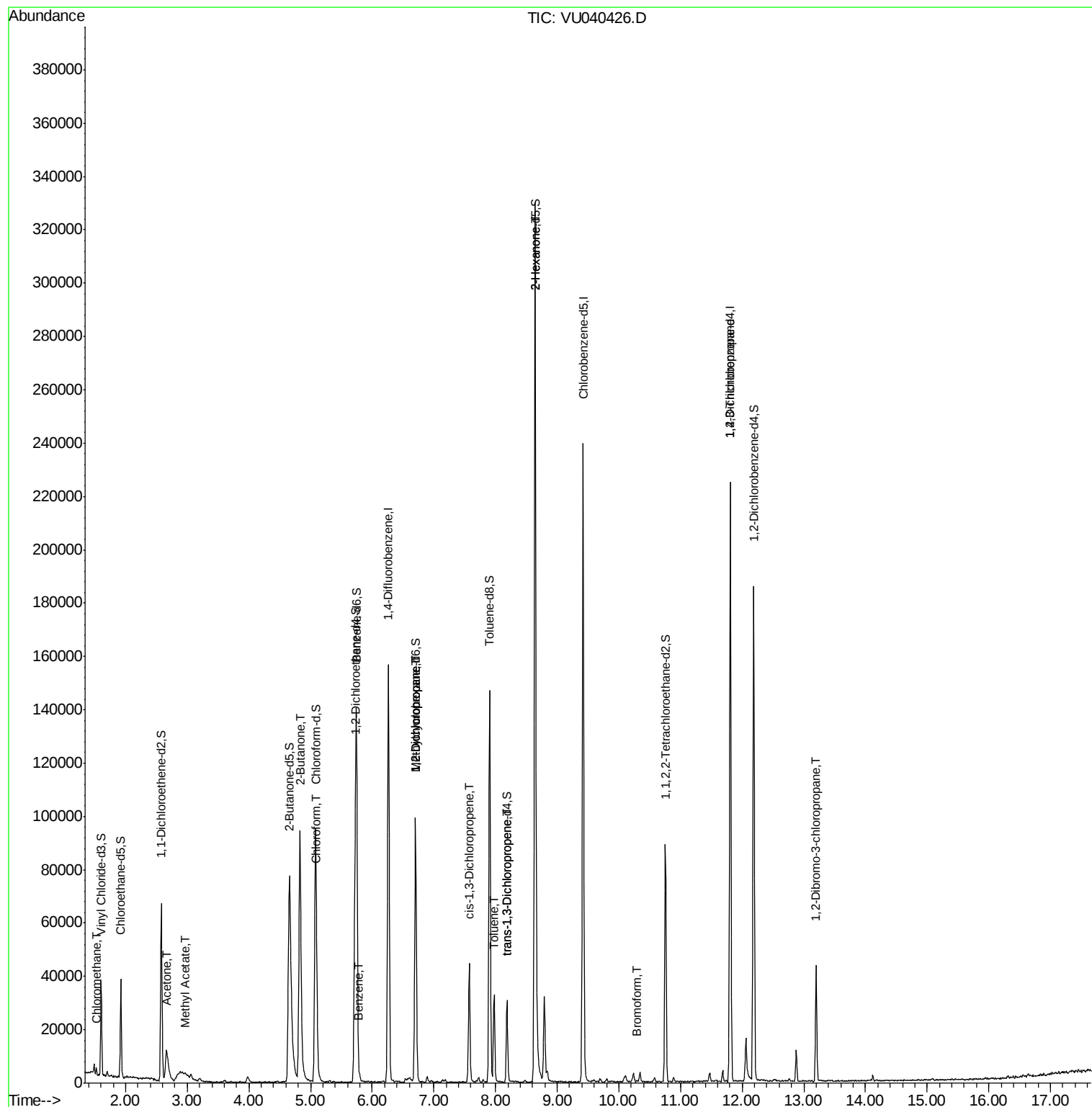
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

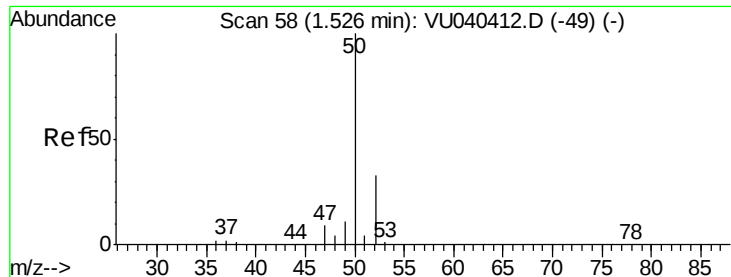
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100120\
Data File : VU040426.D
Acq On : 01 Oct 2020 15:46
Operator : SY/MD
Sample : L4185-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS1

Quant Time: Oct 02 03:22:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040426.D

Acq: 01 Oct 2020 15:46

Instrument :

MSVOA_U

ClientSampled :

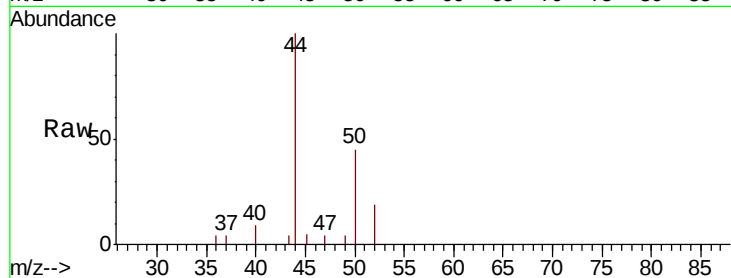
C0AS1

Tot Ion: 50 Resp: 1475

Ion Ratio Lower Upper

50 100

52 42.0 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

1500

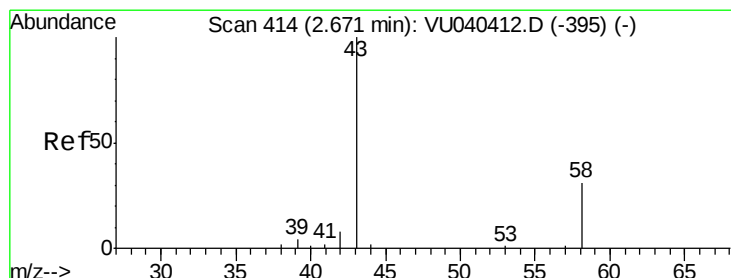
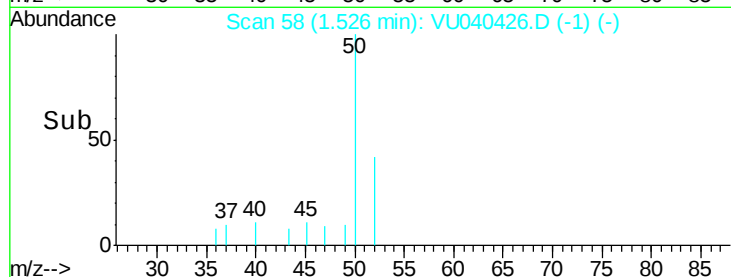
1000

500

0

Time-->

1.50 1.52 1.54 1.56



#13

Acetone

Concen: 11.225 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU040426.D

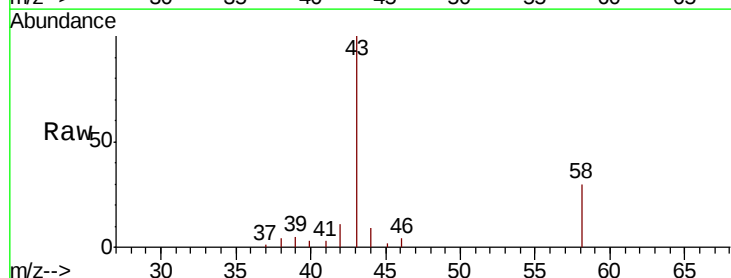
Acq: 01 Oct 2020 15:46

Tgt Ion: 43 Resp: 27133

Ion Ratio Lower Upper

43 100

58 27.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

8000

6000

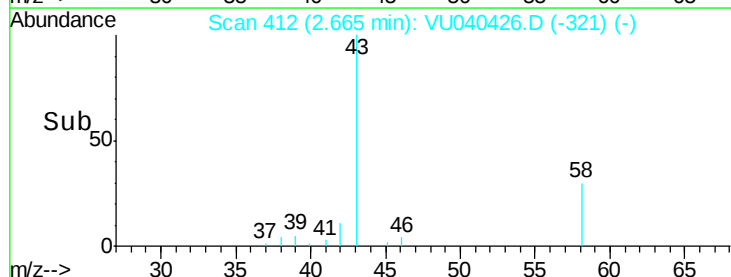
4000

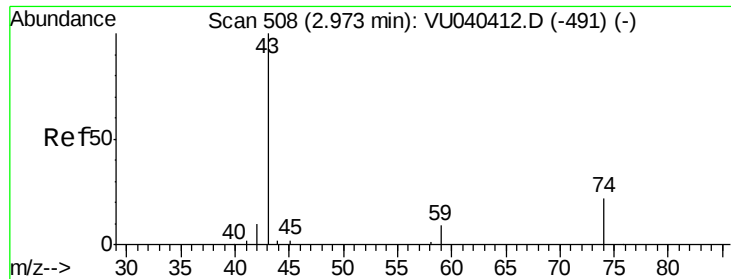
2000

0

Time-->

2.60 2.70 2.80

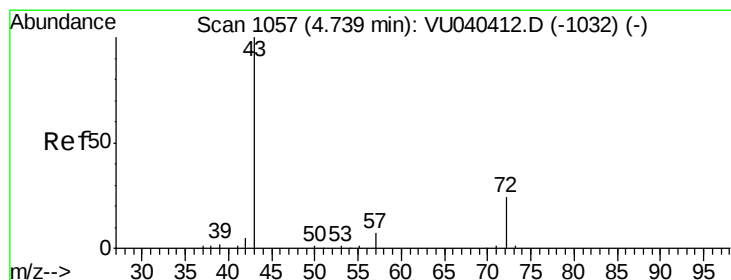
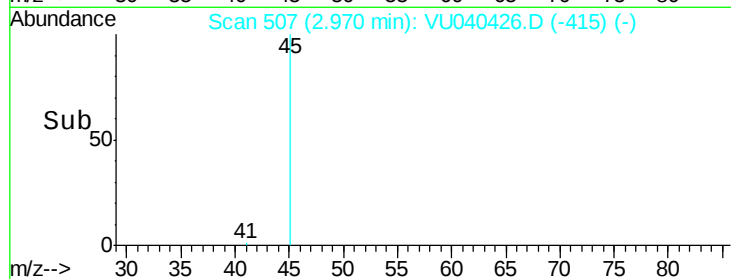
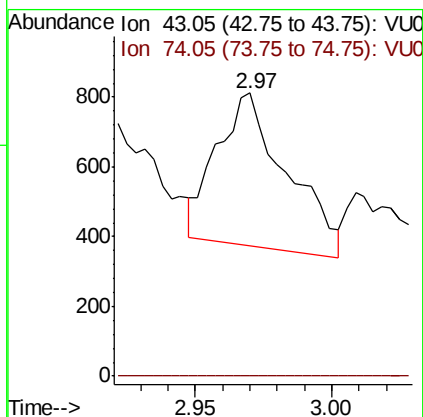
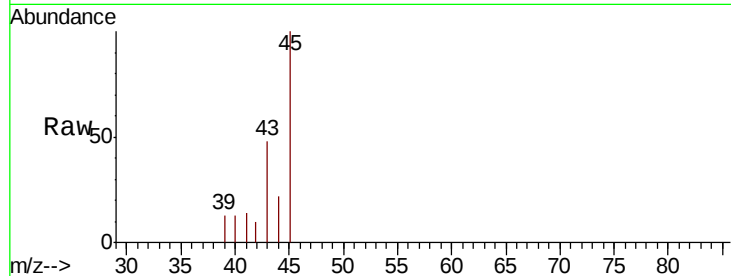




#15
Methvl Acetate
Concen: 0.134 ug/L
RT: 2.97 min Scan# 507
Delta R.T. -0.00 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

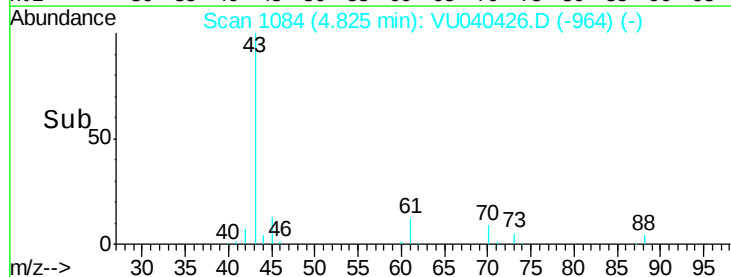
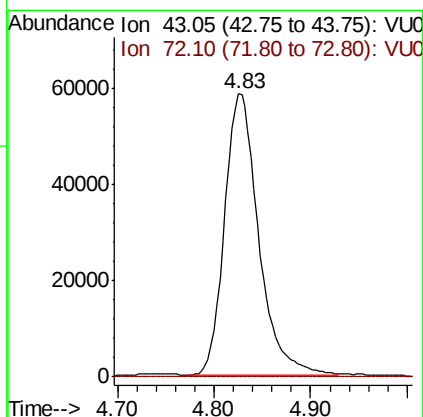
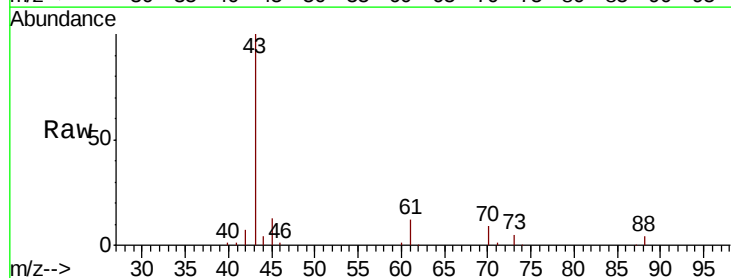
Instrument :
MSVOA_U
ClientSampleId :
C0AS1

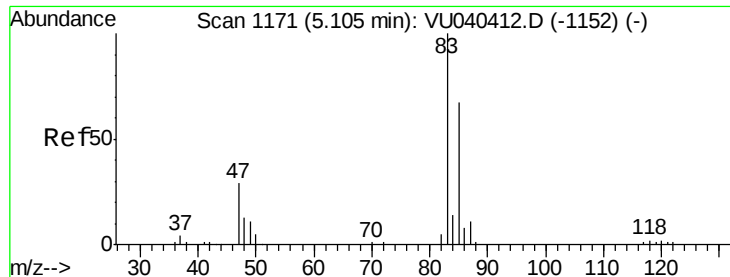
Tot Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#21
2-Butanone
Concen: 36.941 ug/L
RT: 4.83 min Scan# 1084
Delta R.T. 0.09 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

Tgt Ion: 43 Resp: 143327
Ion Ratio Lower Upper
43 100
72 0.0 12.0 36.1#

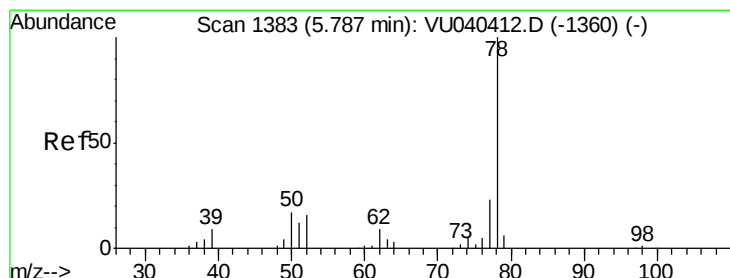
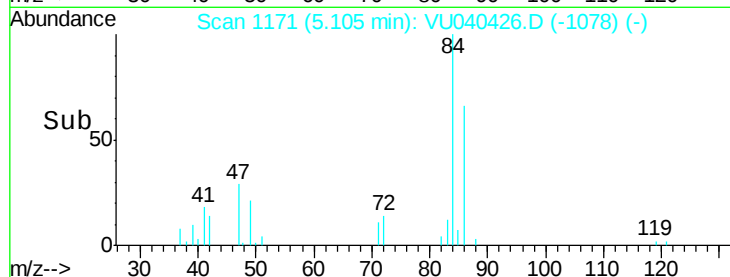
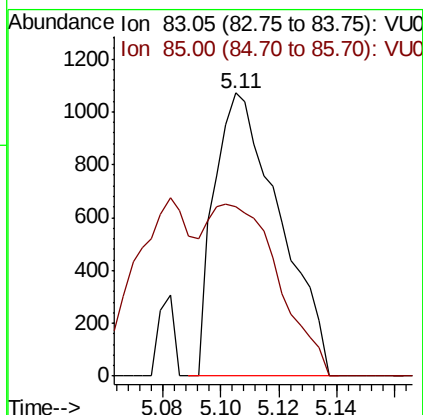
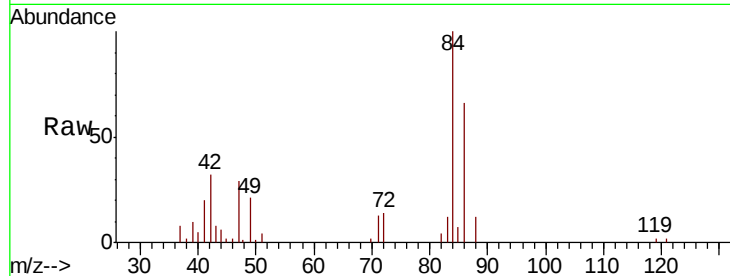




#25
Chloroform
Concen: 0.086 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

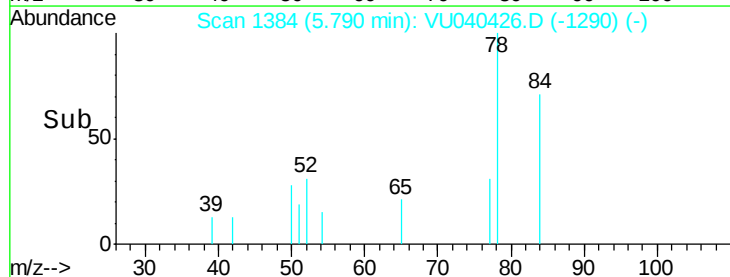
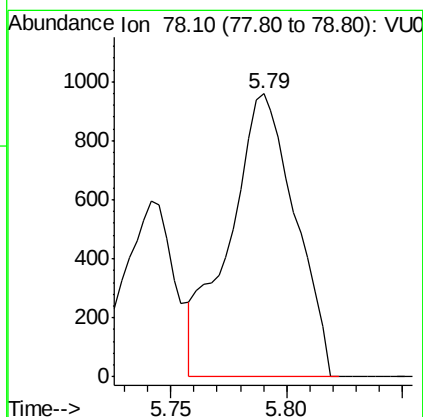
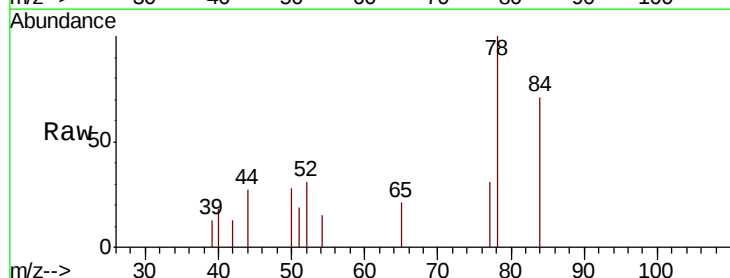
Instrument :
MSVOA_U
ClientSampleId :
C0AS1

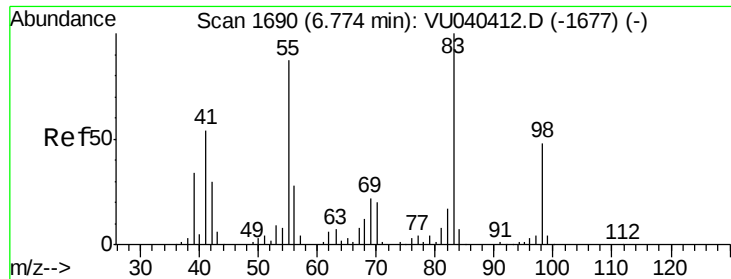
Tot Ion: 83 Resp: 1681
Ion Ratio Lower Upper
83 100
85 59.8 44.6 82.8



#33
Benzene
Concen: 0.046 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

Tgt Ion: 78 Resp: 1895

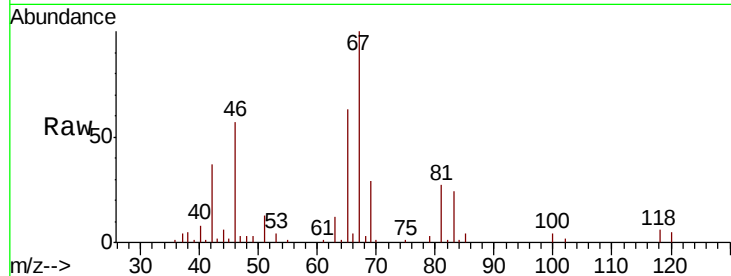




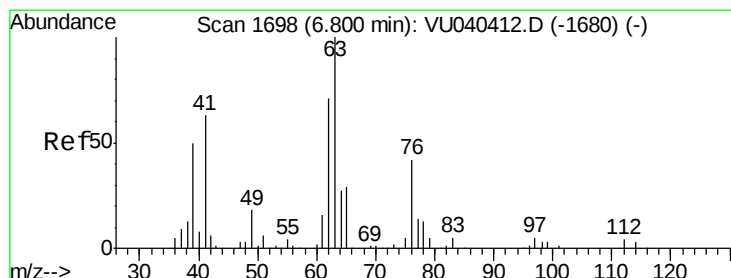
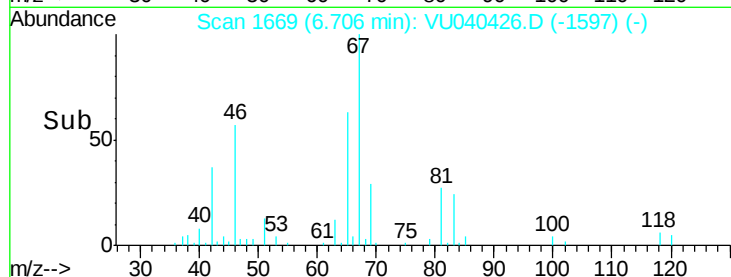
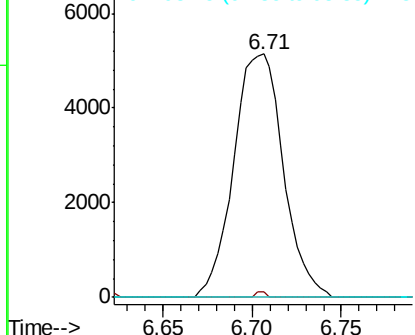
#35
Methvlcvclohexane
Concen: 0.617 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :
C0AS1

Tot Ion: 83 Resp: 9944
Ion Ratio Lower Upper
83 100
55 0.5 71.4 107.2#
98 0.0 38.5 57.7#

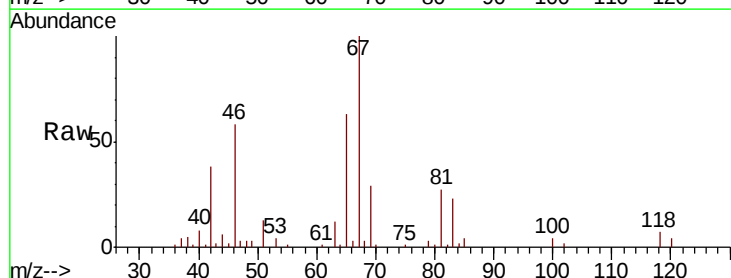


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

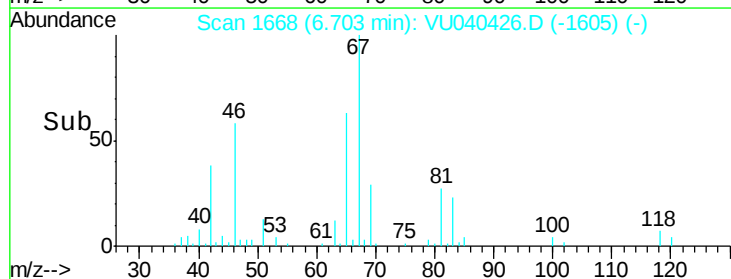
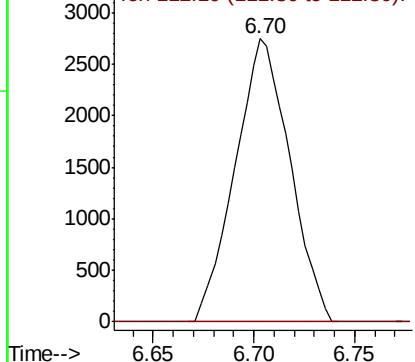


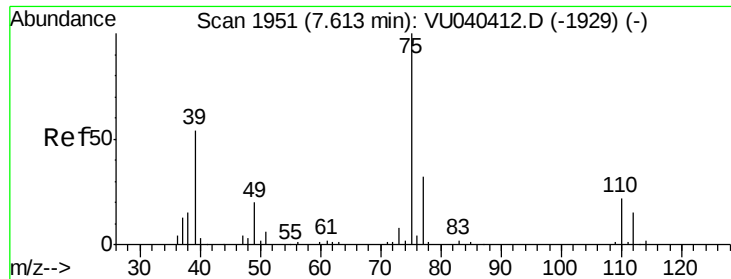
#37
1,2-Dichloropropane
Concen: 0.451 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

Tgt Ion: 63 Resp: 5202
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

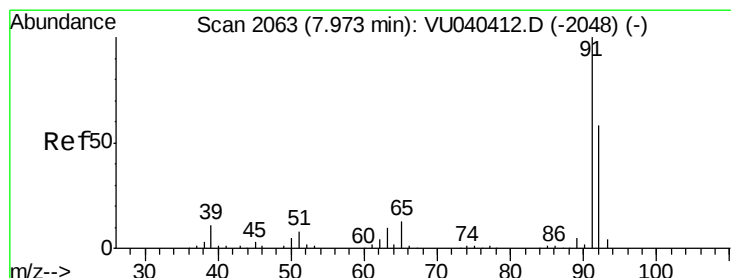
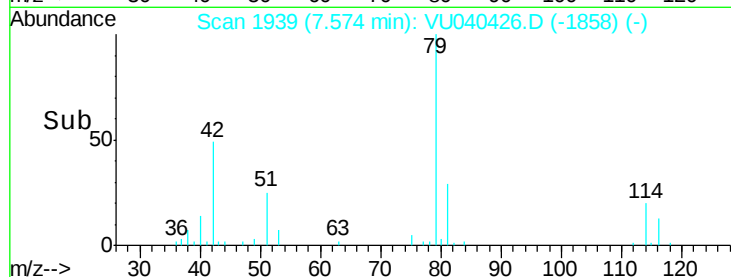
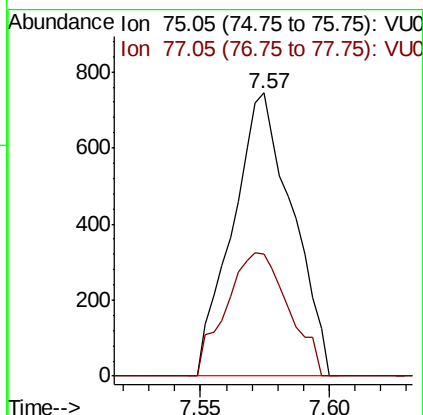
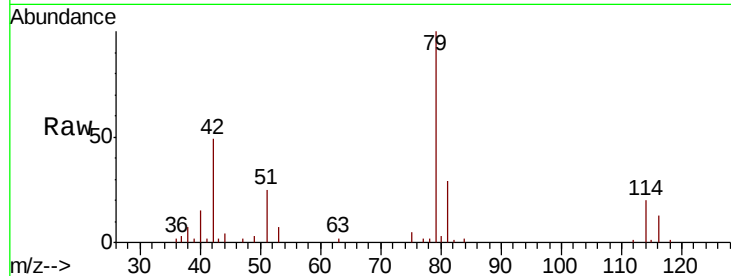




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040426.D
 Acq: 01 Oct 2020 15:46

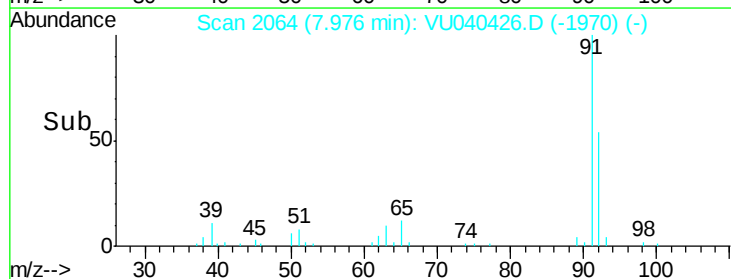
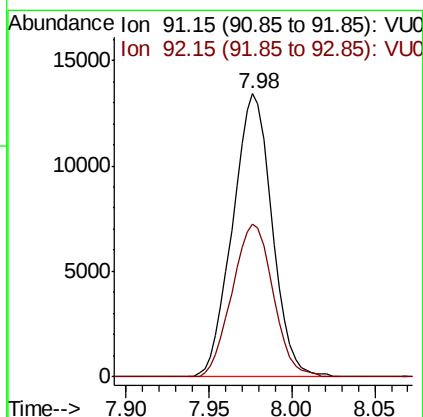
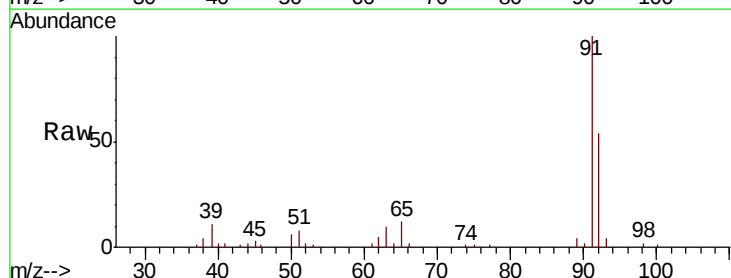
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS1

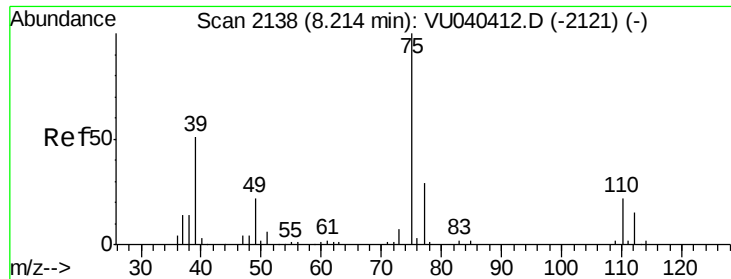
Tot Ion: 75 Resp: 1202
 Ion Ratio Lower Upper
 75 100
 77 43.1 23.5 43.7



#42
 Toluene
 Concen: 0.522 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040426.D
 Acq: 01 Oct 2020 15:46

Tgt Ion: 91 Resp: 22171
 Ion Ratio Lower Upper
 91 100
 92 54.2 40.0 74.4

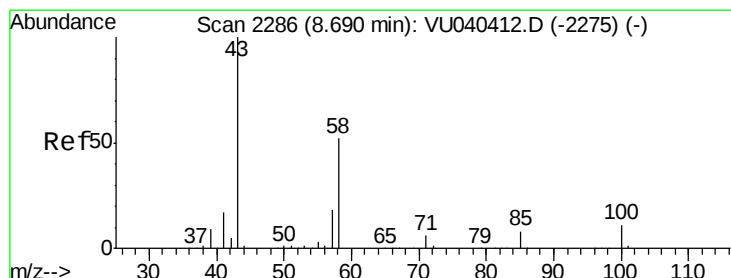
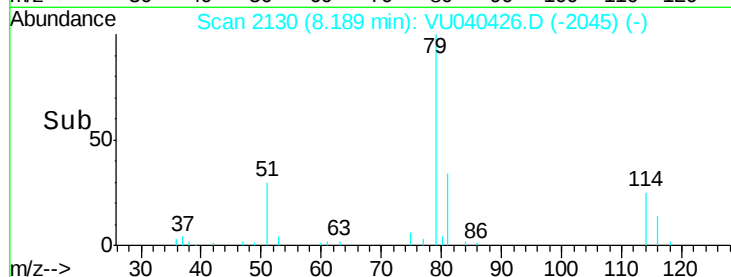
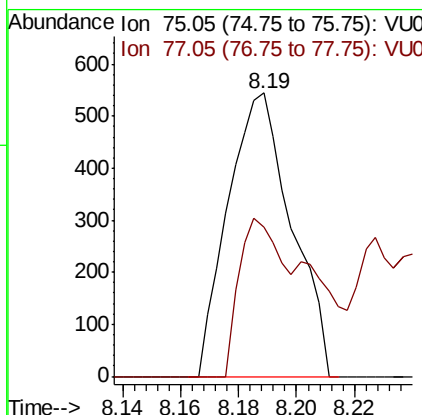
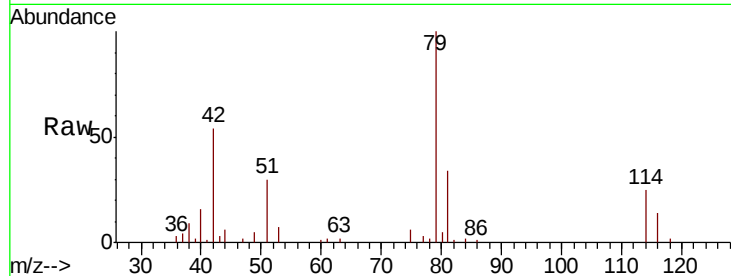




#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

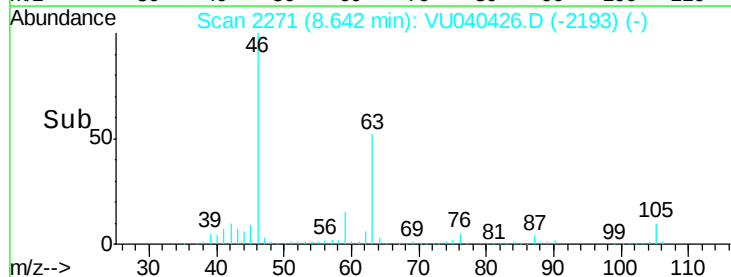
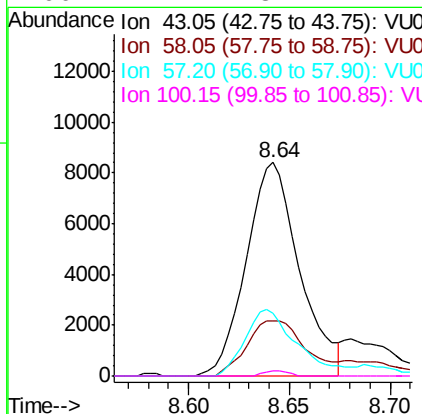
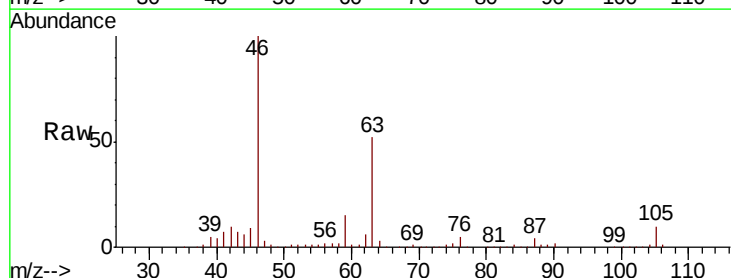
Instrument :
MSVOA_U
ClientSampled :
C0AS1

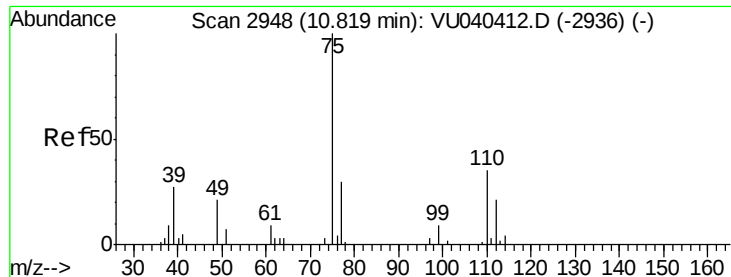
Tot Ion: 75 Resp: 827
Ion Ratio Lower Upper
75 100
77 52.8 22.3 41.3#



#48
2-Hexanone
Concen: 2.331 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040426.D
Acq: 01 Oct 2020 15:46

Tgt Ion: 43 Resp: 15516
Ion Ratio Lower Upper
43 100
58 28.6 41.0 61.4#
57 30.6 14.6 22.0#
100 1.1 8.2 12.4#

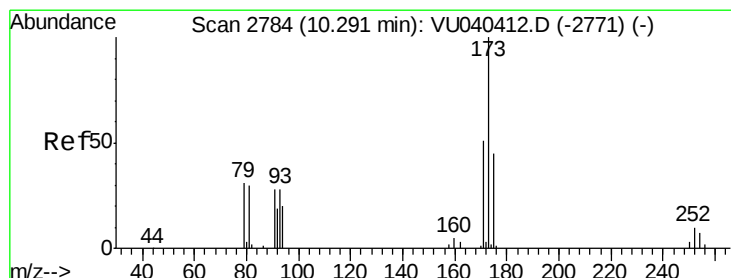
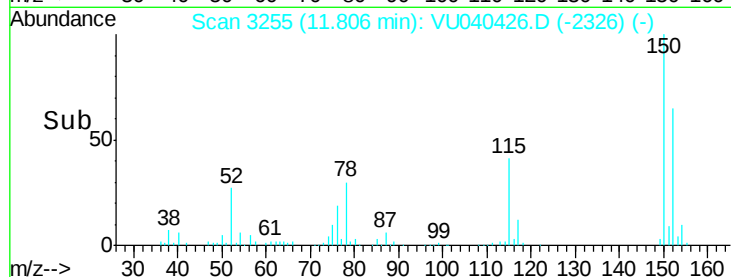
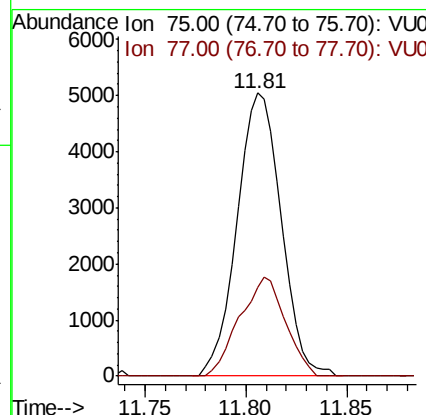
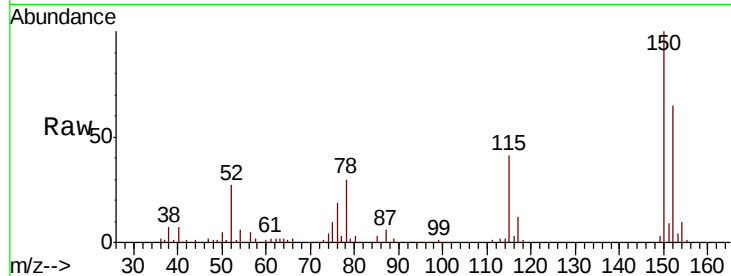




#59
 1,2,3-Trichloropropane
 Concen: 0.926 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.99 min
 Lab File: VU040426.D
 Acq: 01 Oct 2020 15:46

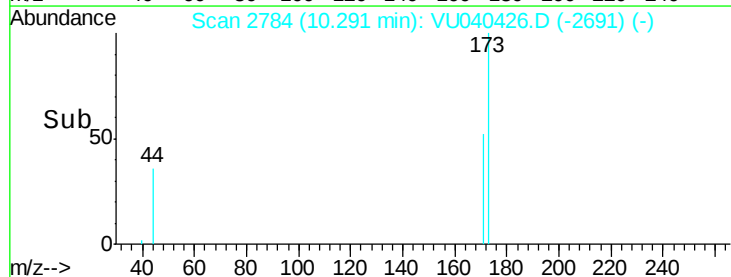
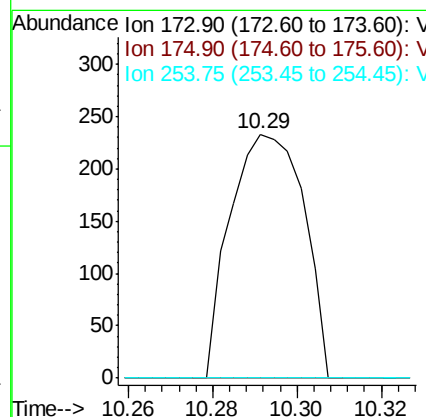
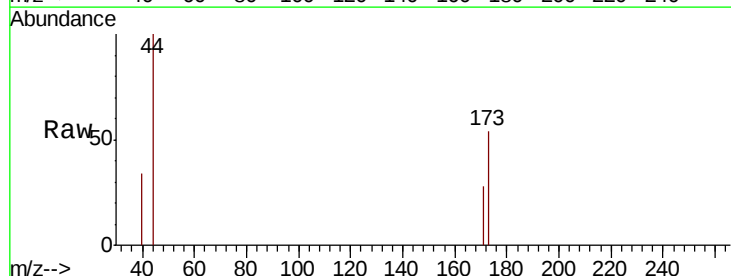
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS1

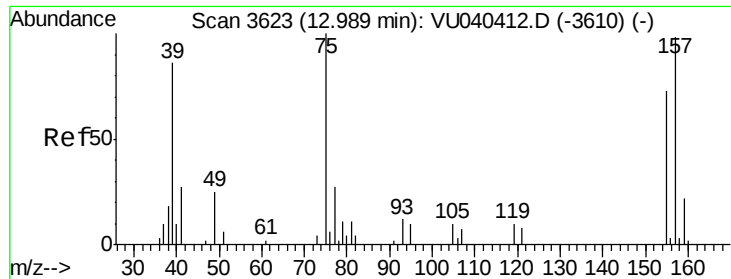
Tot Ion: 75 Resp: 7742
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.7 38.5



#61
 Bromoform
 Concen: 0.062 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: VU040426.D
 Acq: 01 Oct 2020 15:46

Tgt Ion: 173 Resp: 283
 Ion Ratio Lower Upper
 173 100
 175 0.0 39.6 59.4#
 254 0.0 7.0 10.4#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.130 ug/L

RT: 13.20 min Scan# 3689

Delta R.T. 0.21 min

Lab File: VU040426.D

Acq: 01 Oct 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

C0AS1

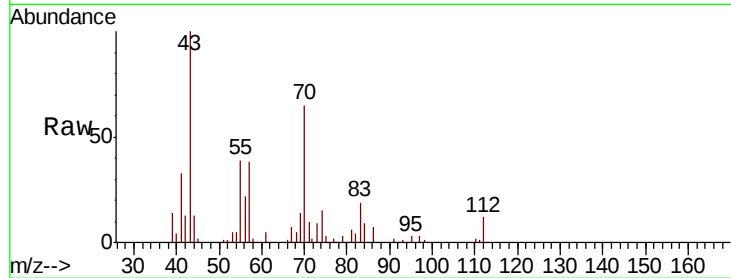
Tot Ion: 75 Resp: 207

Ion Ratio Lower Upper

75 100

155 0.0 59.4 89.2#

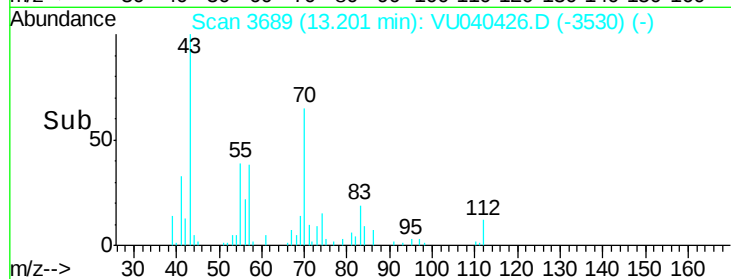
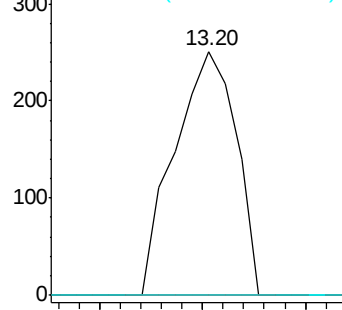
157 0.0 65.0 97.4#



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



Time-->