

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040505.D
 Acq On : 05 Oct 2020 13:25
 Operator : SY/MD
 Sample : L4266-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR6

Quant Time: Oct 06 07:52:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29289	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.92	69	25726	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	46910	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.66	46	130975	45.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.22%
24) Chloroform-d	5.08	84	65189	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	42238	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	122778	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.70	67	43384	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	101323	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.19	79	17060	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	89467	41.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39346	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	43283	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	93345	8.127 ug/L	99
6) Bromomethane	1.87	94	1995	0.363 ug/L	75
8) Chloroethane	1.94	64	2698	0.403 ug/L	97
13) Acetone	2.66	43	25548	10.676 ug/L	93
15) Methyl Acetate	2.98	43	764	0.133 ug/L #	56
25) Chloroform	5.11	83	2330	0.121 ug/L	93
27) 1,2-Dichloroethane	5.74	62	729	0.055 ug/L #	74
35) Methylcyclohexane	6.70	83	9289	0.582 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5002	0.438 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1158	0.076 ug/L #	58
42) Toluene	7.97	91	1656	0.039 ug/L	95
44) trans-1,3-Dichloropropene	8.19	75	840	0.059 ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	7695	0.930 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.76	75	103	0.067 ug/L #	10
69) Naphthalene	14.08	128	803	0.046 ug/L #	77

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

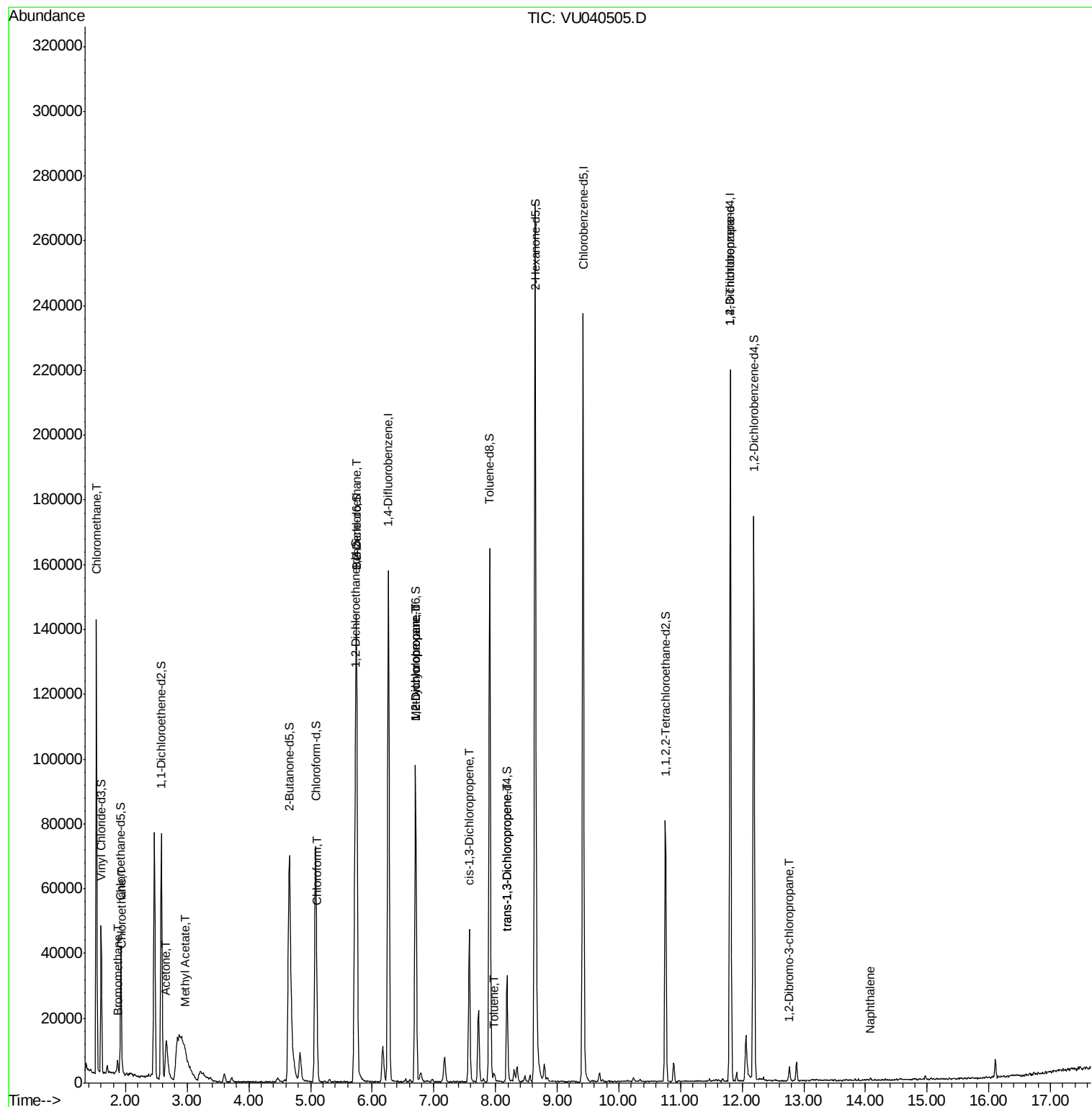
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

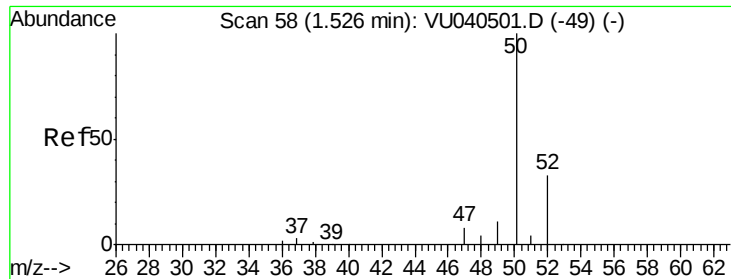
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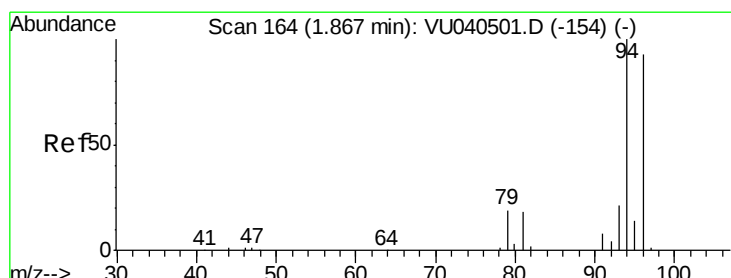
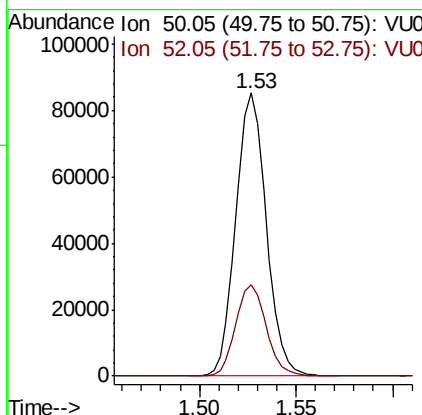
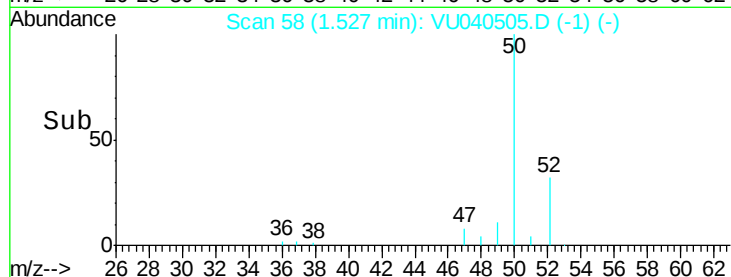
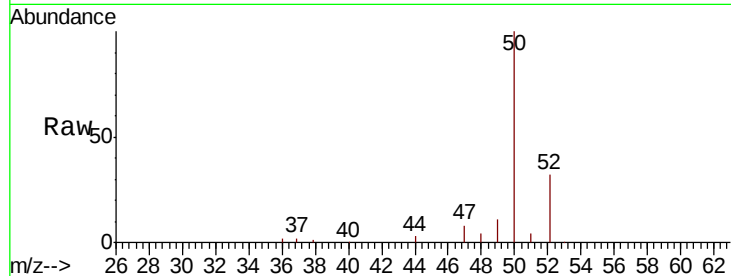




#3
 Chloromethane
 Concen: 8.127 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

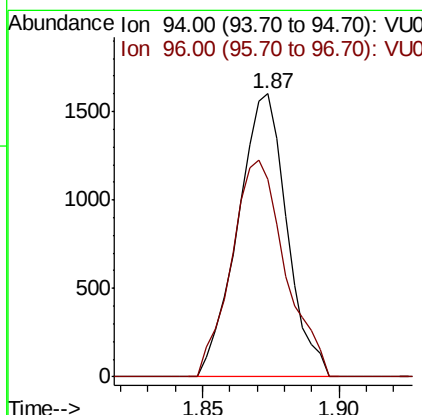
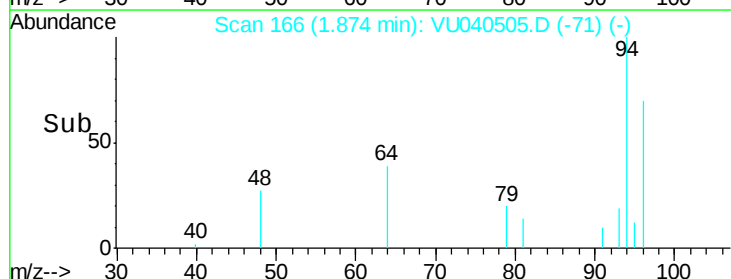
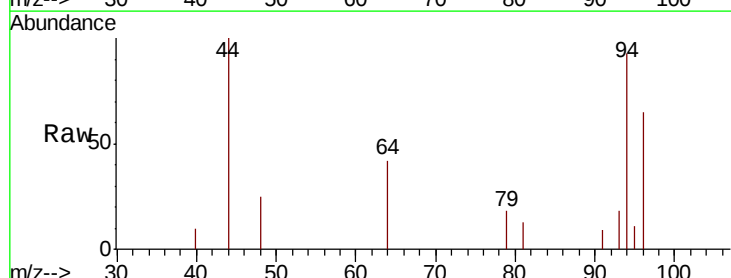
Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR6

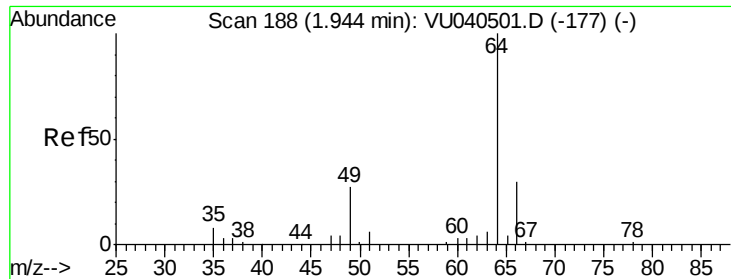
Tot Ion: 50 Resp: 93345
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.6



#6
 Bromomethane
 Concen: 0.363 ug/L
 RT: 1.87 min Scan# 166
 Delta R.T. 0.01 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

Tgt Ion: 94 Resp: 1995
 Ion Ratio Lower Upper
 94 100
 96 70.0 66.3 123.1

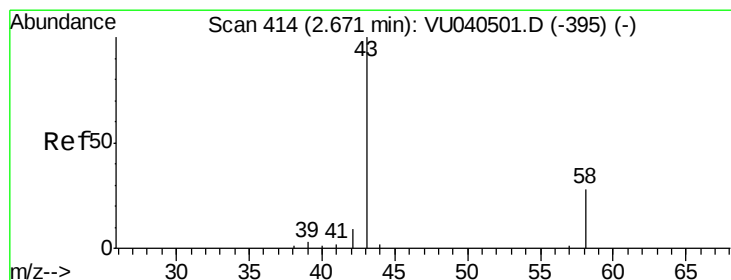
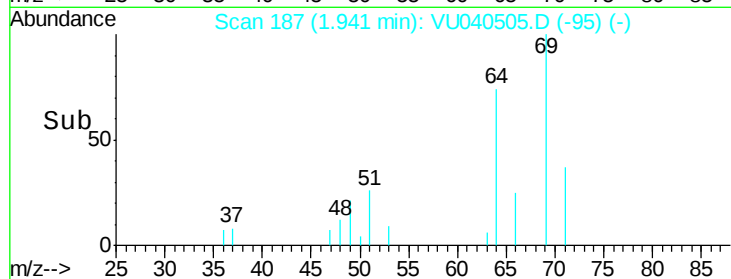
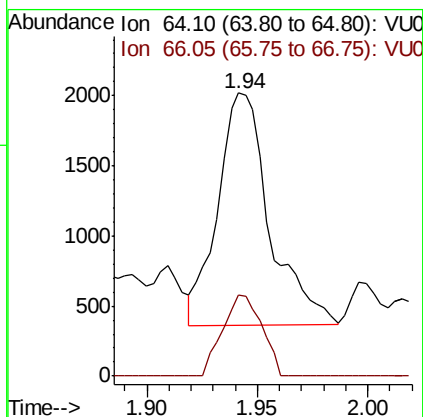
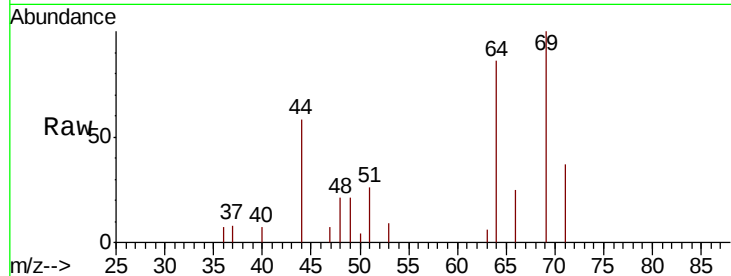




#8
Chloroethane
Concen: 0.403 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040505.D
Acq: 05 Oct 2020 13:25

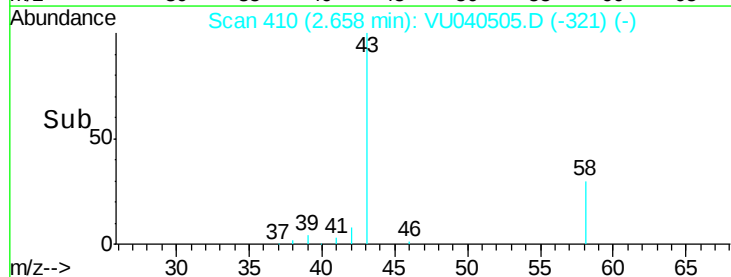
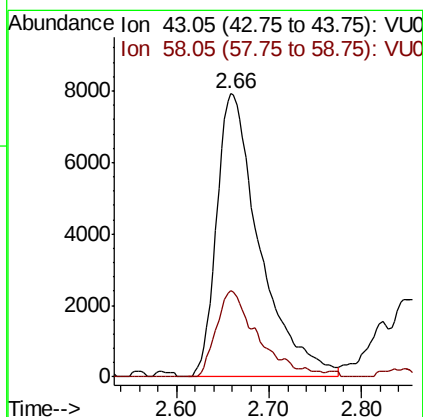
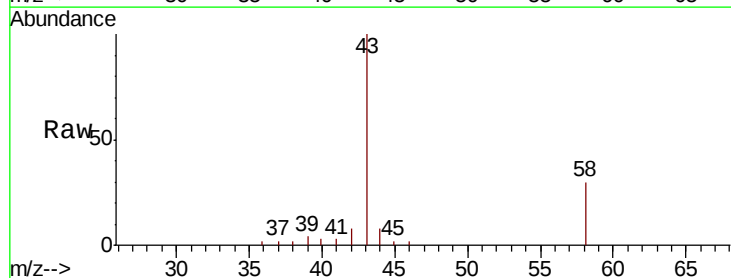
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ClientSampleId :
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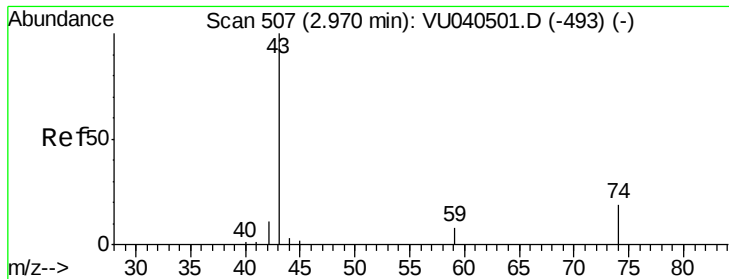
Tot Ion: 64 Resp: 2698
Ion Ratio Lower Upper
64 100
66 28.8 21.3 39.6



#13
Acetone
Concen: 10.676 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040505.D
Acq: 05 Oct 2020 13:25

Tgt Ion: 43 Resp: 25548
Ion Ratio Lower Upper
43 100
58 26.9 0.0 61.8





#15

Methvl Acetate

Concen: 0.133 ug/L

RT: 2.98 min Scan# 510

Delta R.T. 0.01 min

Lab File: VU040505.D

Acq: 05 Oct 2020 13:25

Instrument :

MSVOA_U

ClientSampleId :

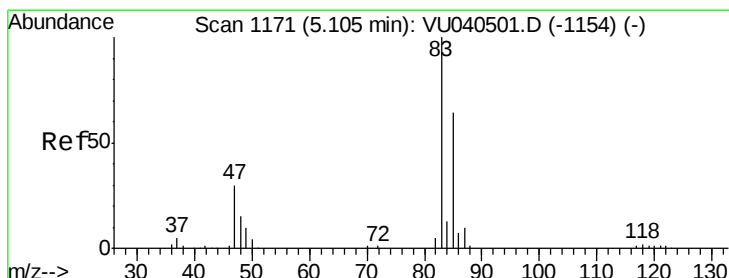
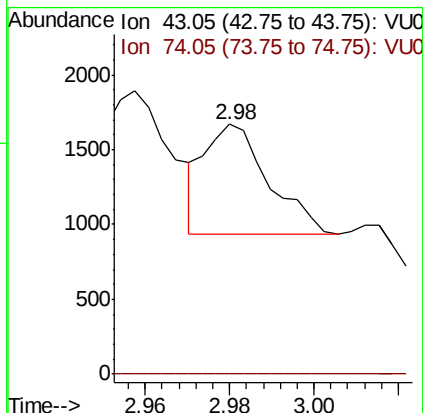
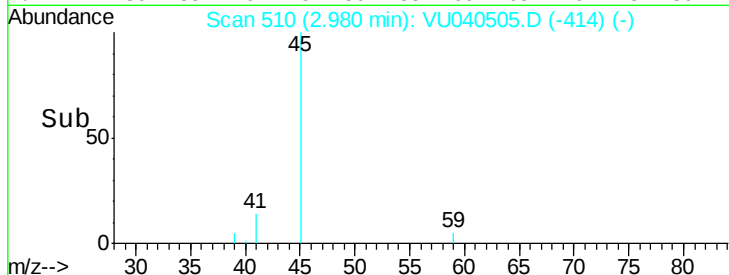
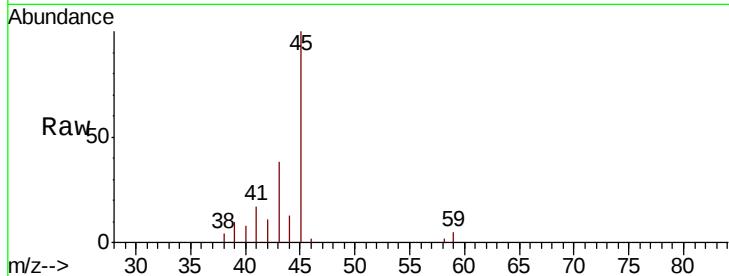
BFZR6

Tot Ion: 43 Resp: 764

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#25

Chloroform

Concen: 0.121 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040505.D

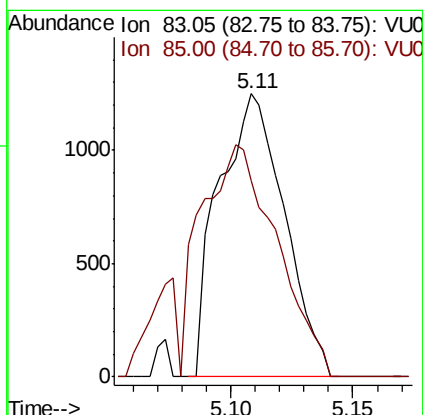
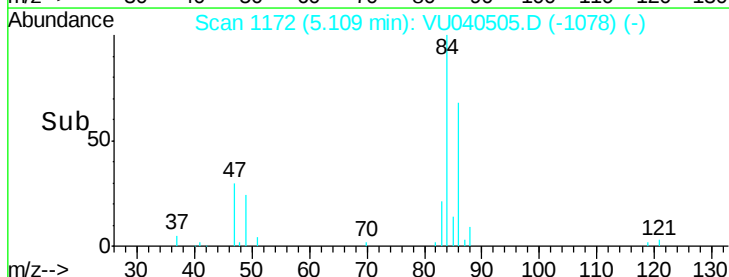
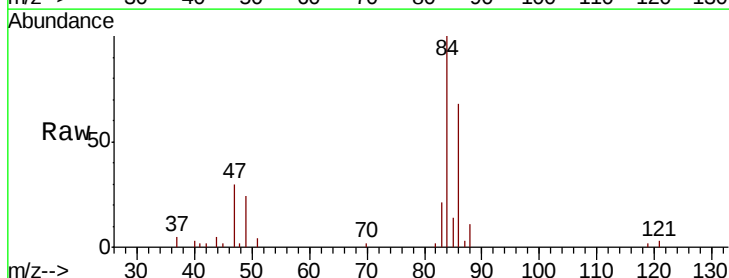
Acq: 05 Oct 2020 13:25

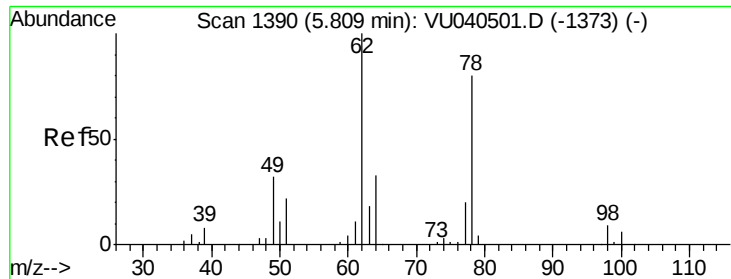
Tgt Ion: 83 Resp: 2330

Ion Ratio Lower Upper

83 100

85 69.5 44.6 82.8

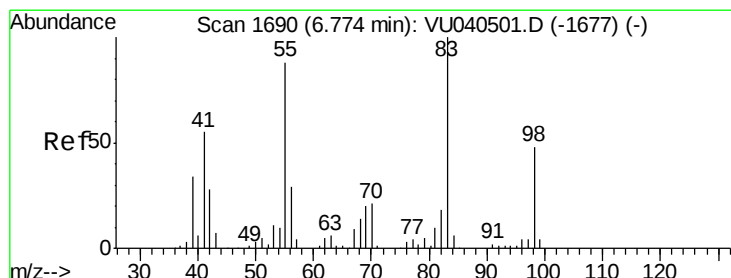
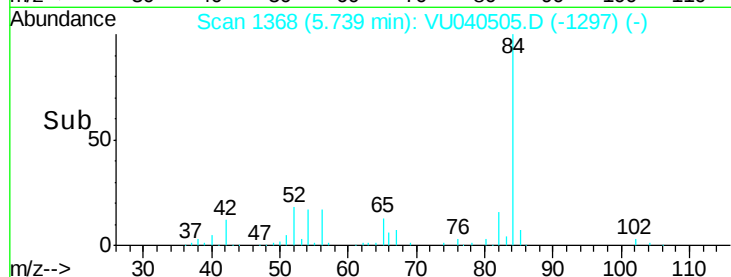
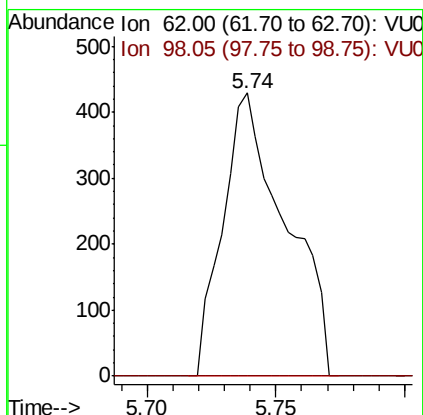
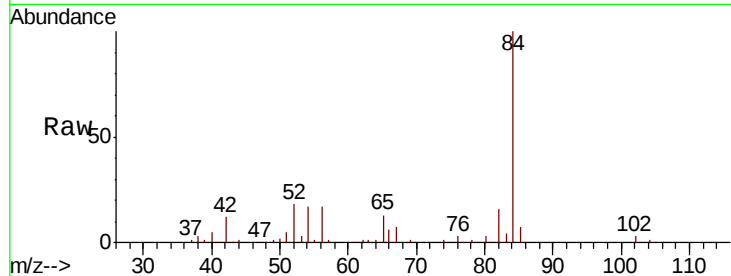




#27
 1,2-Dichloroethane
 Concen: 0.055 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

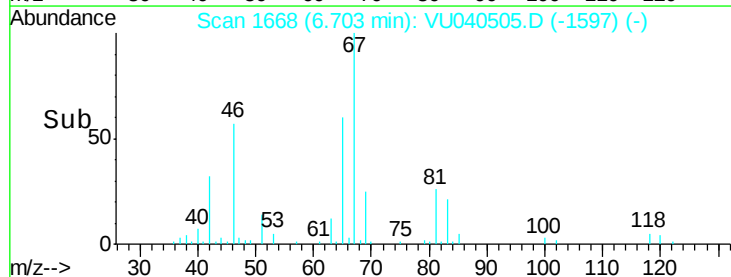
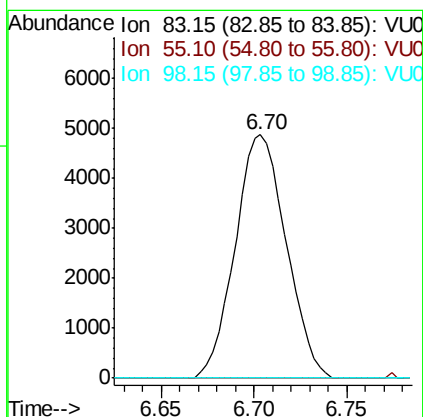
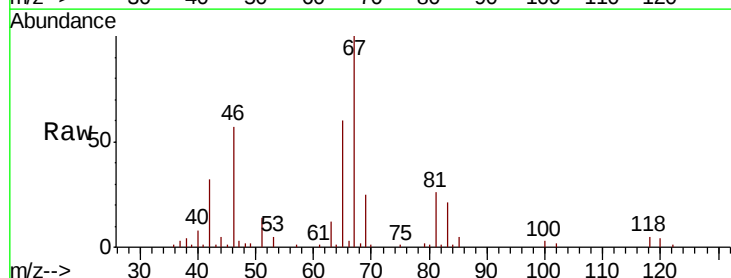
Instrument :
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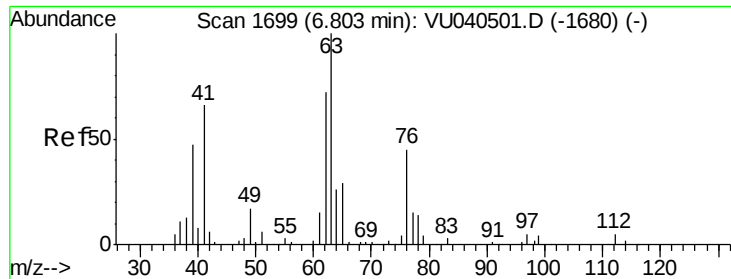
Tot Ion: 62 Resp: 729
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.582 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

Tgt Ion: 83 Resp: 9289
 Ion Ratio Lower Upper
 83 100
 55 0.2 71.4 107.2#
 98 1.4 38.5 57.7#

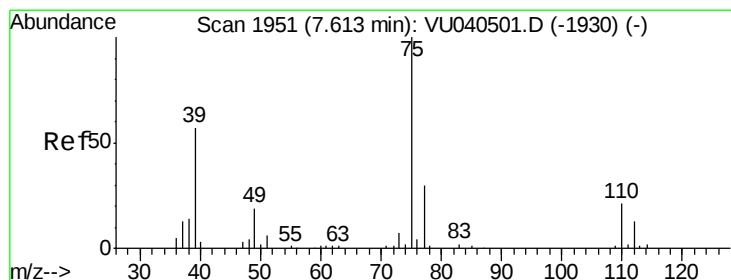
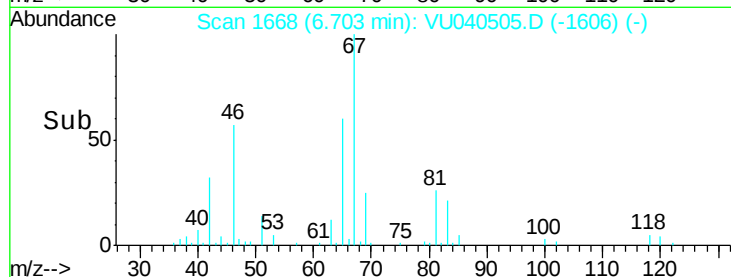
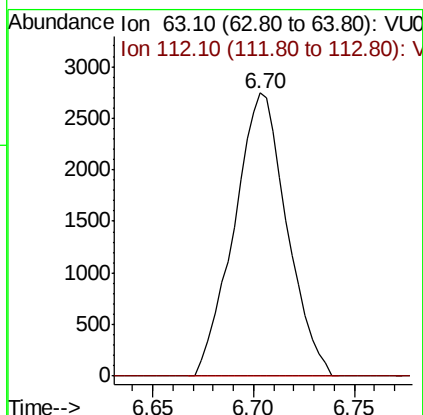
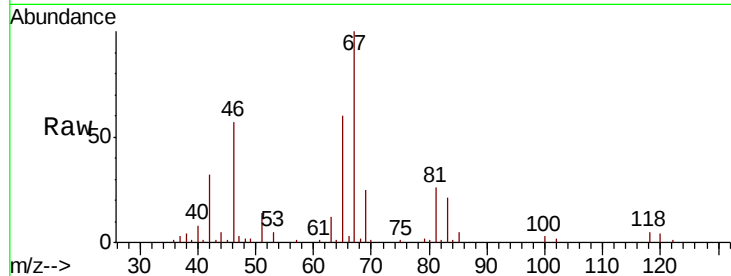




#37
 1,2-Dichloropropane
 Concen: 0.438 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

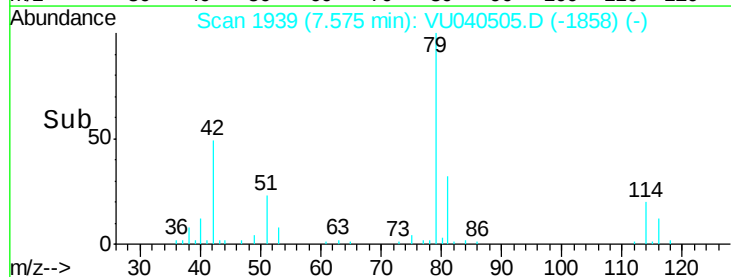
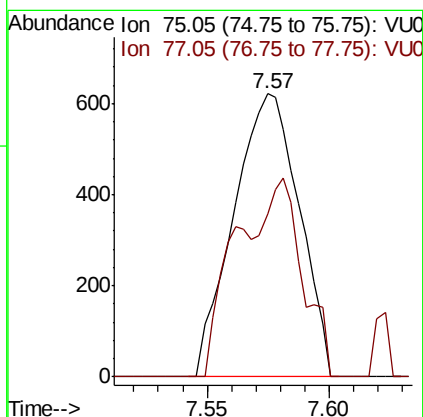
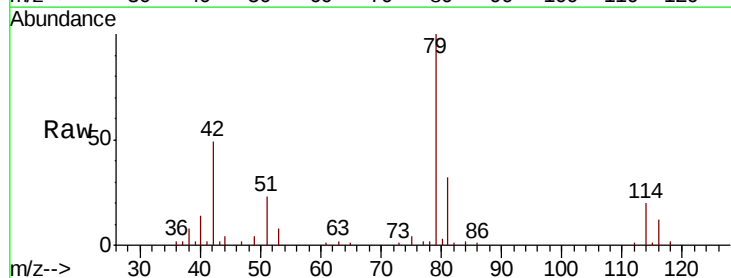
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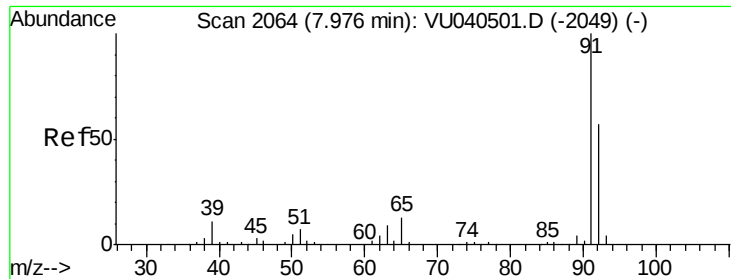
Tot Ion: 63 Resp: 5002
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

Tgt Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 57.4 23.5 43.7#





#42

Toluene

Concen: 0.039 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040505.D

Acq: 05 Oct 2020 13:25

Instrument :

MSVOA_U

ClientSampled :

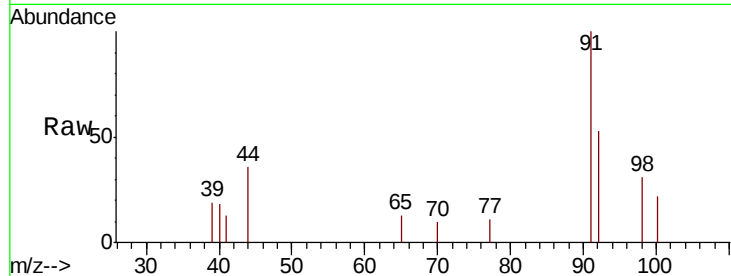
BFZR6

Tot Ion: 91 Resp: 1656

Ion Ratio Lower Upper

91 100

92 53.4 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.97

1000

800

600

400

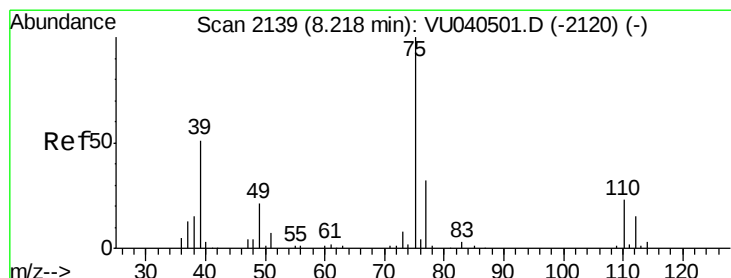
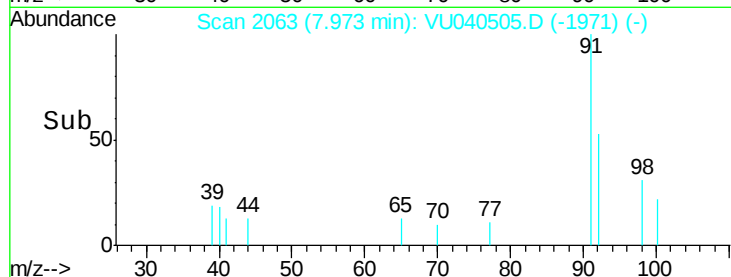
200

0

7.95

8.00

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040505.D

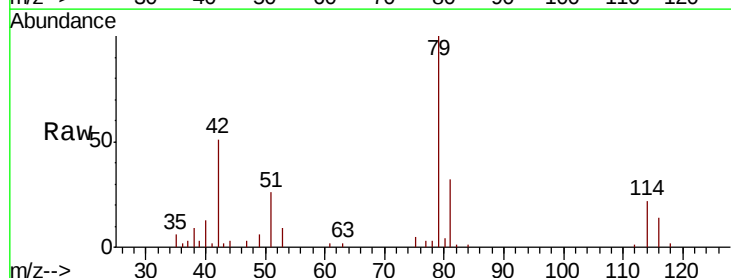
Acq: 05 Oct 2020 13:25

Tgt Ion: 75 Resp: 840

Ion Ratio Lower Upper

75 100

77 53.4 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

600

500

400

300

200

100

0

8.14

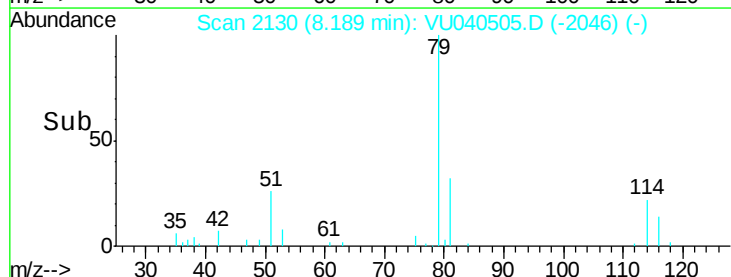
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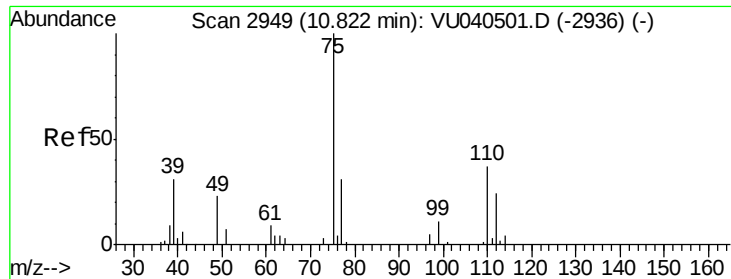
8.18

8.20

8.22

Time-->

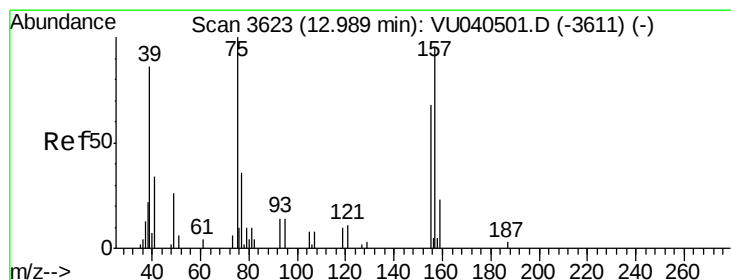
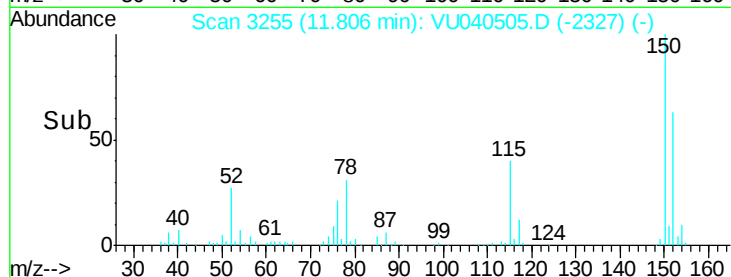
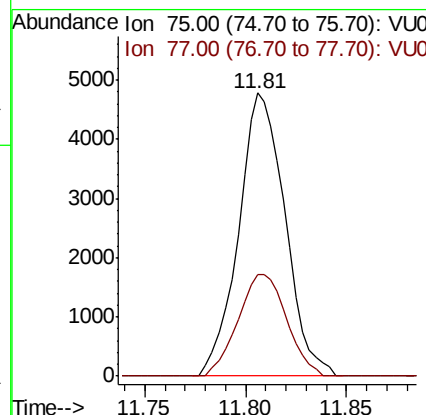
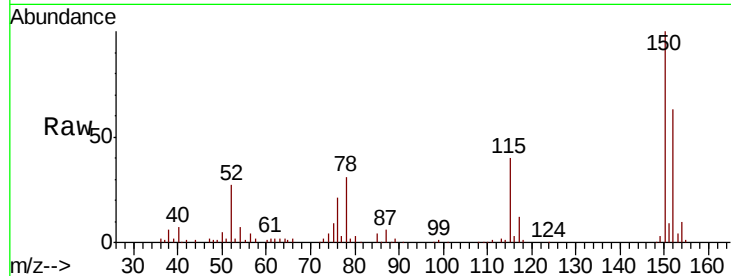




#59
 1,2,3-Trichloropropane
 Concen: 0.930 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

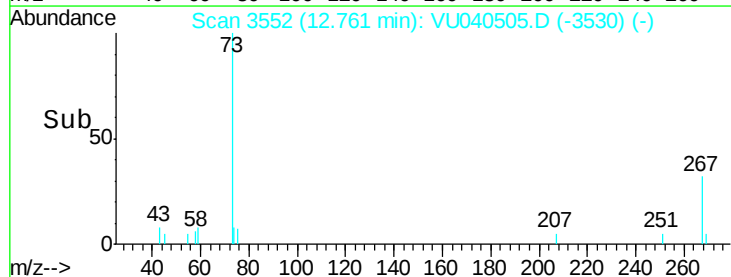
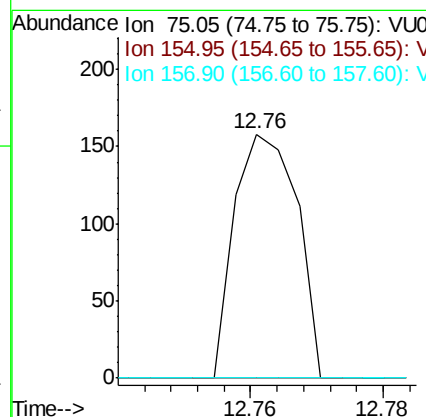
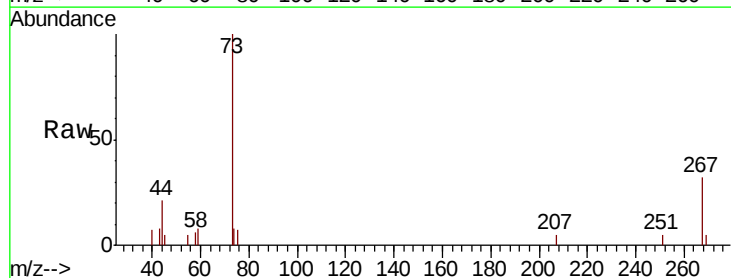
Instrument :
 MSVOA_U
 ClientSampled :
 BFZR6

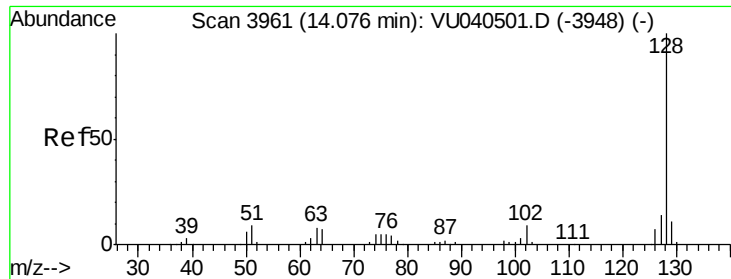
Tot Ion: 75 Resp: 7695
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.7 38.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.067 ug/L
 RT: 12.76 min Scan# 3552
 Delta R.T. -0.23 min
 Lab File: VU040505.D
 Acq: 05 Oct 2020 13:25

Tgt Ion: 75 Resp: 103
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.4 89.2#
 157 0.0 65.0 97.4#





#69

Naphthalene

Concen: 0.046 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040505.D

Acq: 05 Oct 2020 13:25

Instrument :

MSVOA_U

ClientSampleId :

BFZR6

Tot Ion:128 Resp: 803

Ion Ratio Lower Upper

128 100

129 0.0 8.2 12.4#

127 5.2 10.2 15.4#

