

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040506.D
 Acq On : 05 Oct 2020 13:48
 Operator : SY/MD
 Sample : L4266-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR7

Quant Time: Oct 06 07:53:11 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	118471	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119412	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27582	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	23695	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.58	63	44198	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.65	46	119323	40.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.92%
24) Chloroform-d	5.08	84	61647	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.72	65	39676	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	110773	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	38922	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	90598	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	15075	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	79920	37.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35108	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38672	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

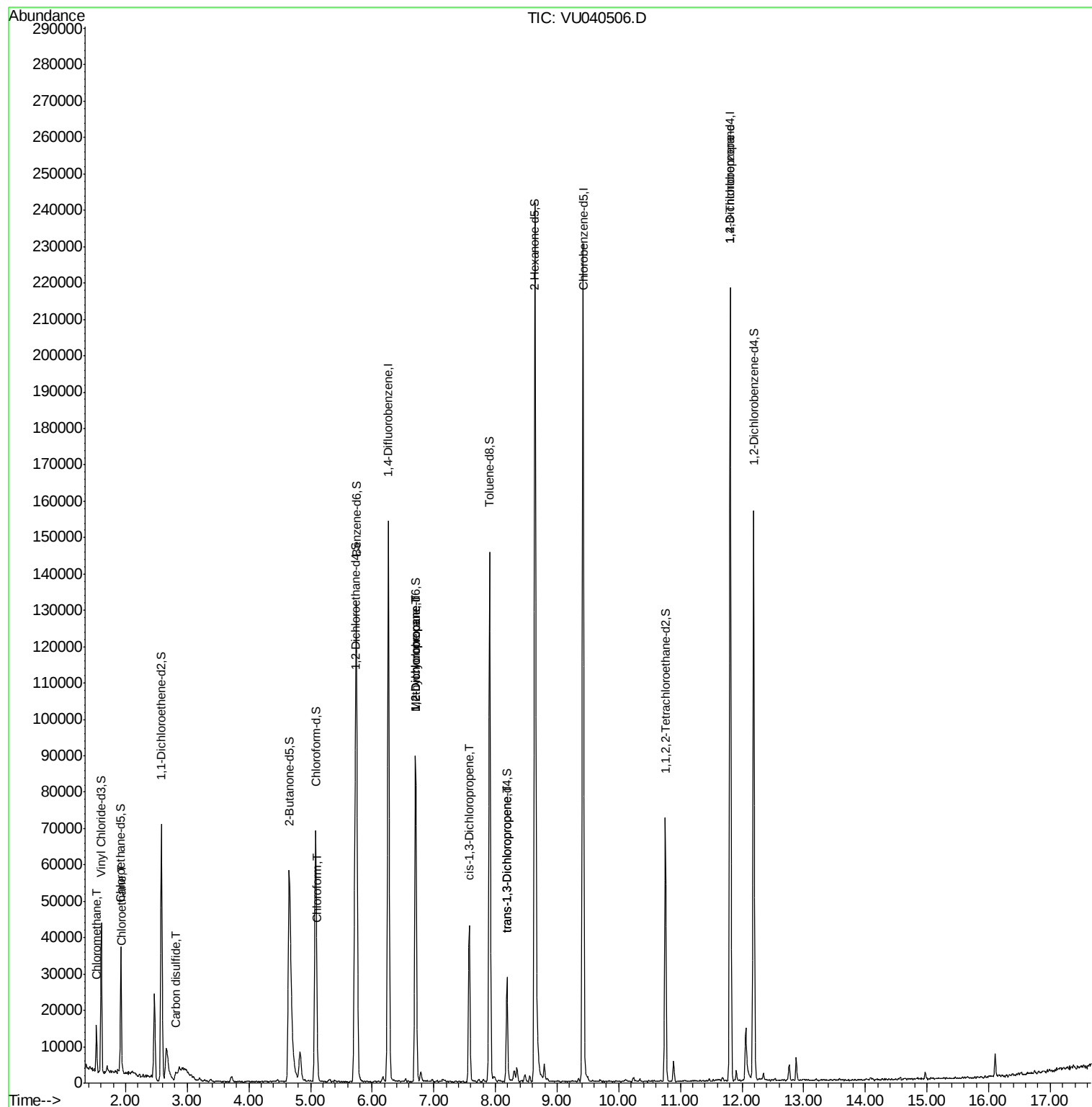
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	8511	0.730	ug/L	95
8) Chloroethane	1.94	64	415	0.061	ug/L #	44
14) Carbon disulfide	2.81	76	1374	0.048	ug/L #	75
25) Chloroform	5.11	83	2449	0.125	ug/L	82
35) Methylcyclohexane	6.70	83	8963	0.575	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4427	0.397	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1075	0.072	ug/L #	46
44) trans-1,3-Dichloropropene	8.19	75	734	0.053	ug/L #	59
59) 1,2,3-Trichloropropane	11.81	75	7542	0.933	ug/L	92

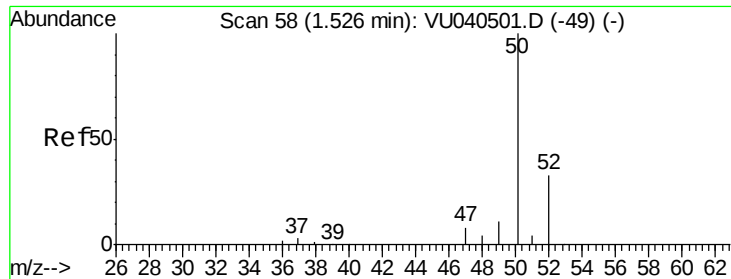
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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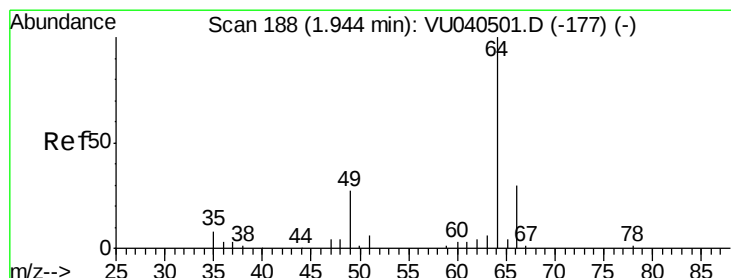
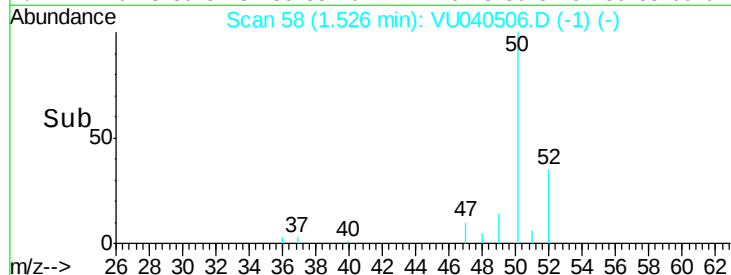
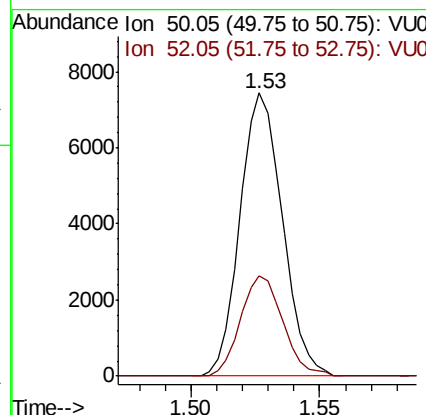
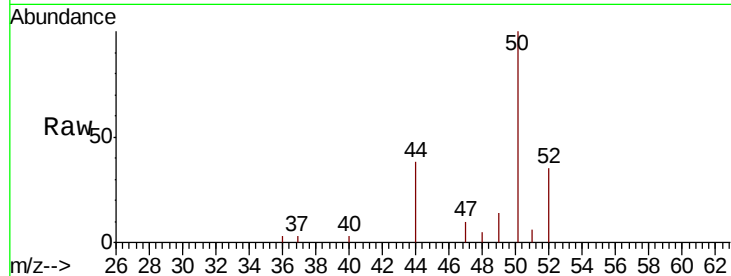




#3
 Chloromethane
 Concen: 0.730 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU040506.D
 Acq: 05 Oct 2020 13:48

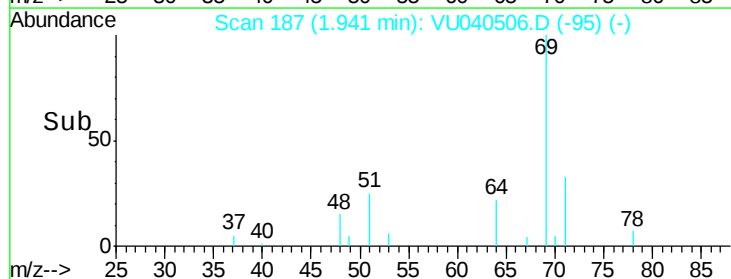
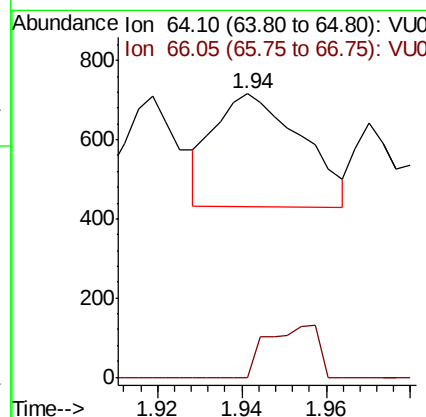
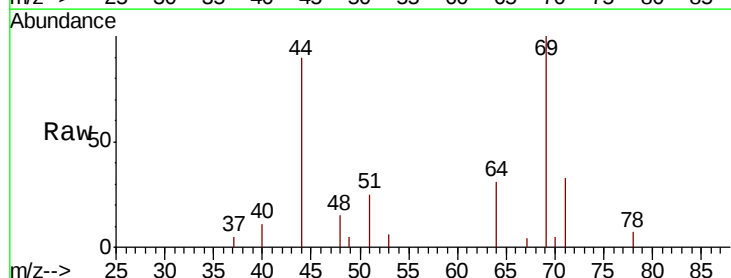
Instrument :
 MSVOA_U
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 BFZR7

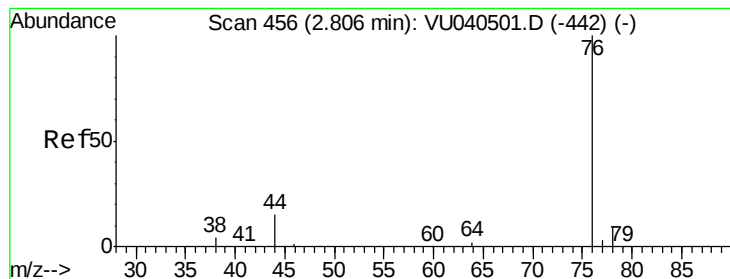
Tot Ion: 50 Resp: 8511
 Ion Ratio Lower Upper
 50 100
 52 35.4 23.0 42.6



#8
 Chloroethane
 Concen: 0.061 ug/L
 RT: 1.94 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VU040506.D
 Acq: 05 Oct 2020 13:48

Tgt Ion: 64 Resp: 415
 Ion Ratio Lower Upper
 64 100
 66 0.0 21.3 39.6#





#14

Carbon disulfide

Concen: 0.048 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040506.D

Acq: 05 Oct 2020 13:48

Instrument :

MSVOA_U

ClientSampleId :

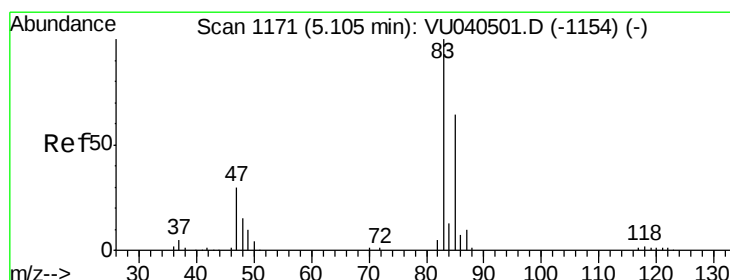
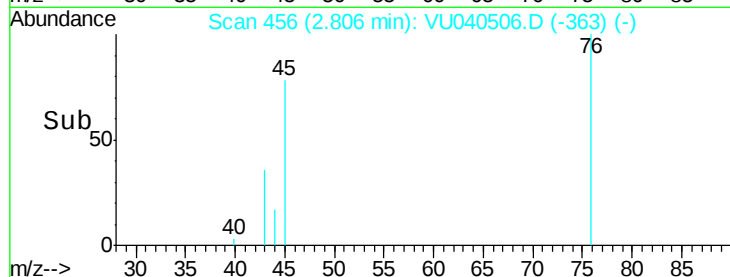
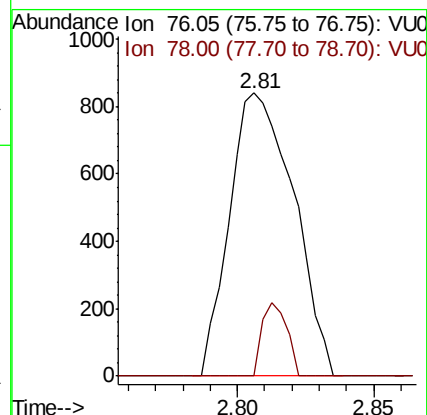
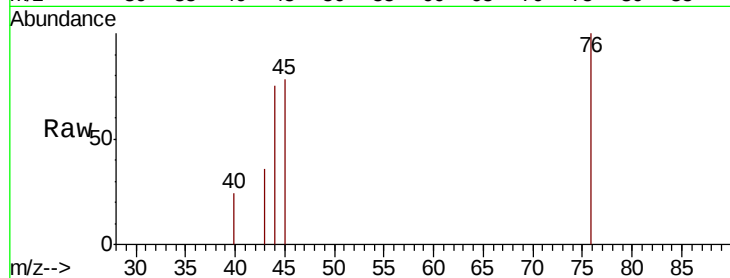
BFZR7

Tot Ion: 76 Resp: 1374

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#25

Chloroform

Concen: 0.125 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040506.D

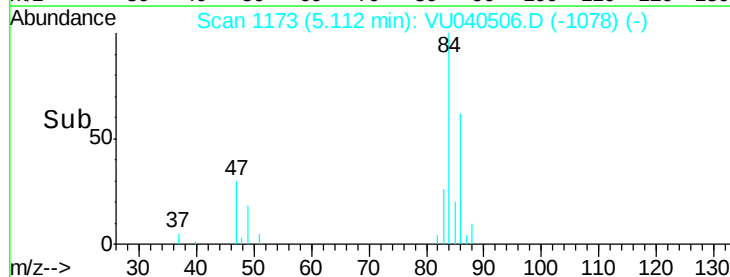
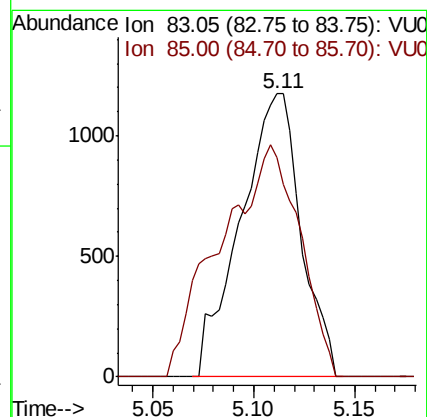
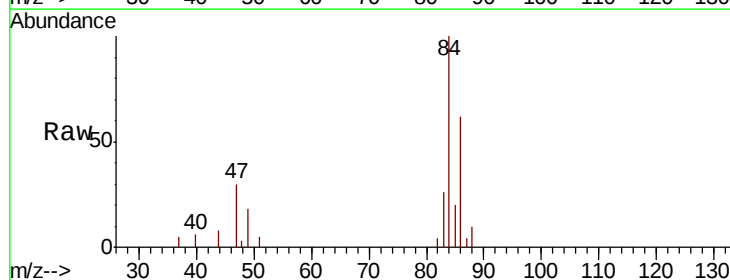
Acq: 05 Oct 2020 13:48

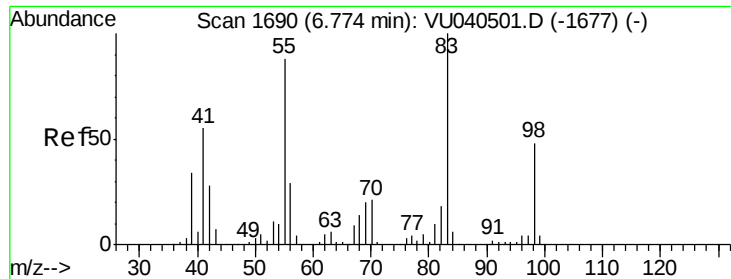
Tgt Ion: 83 Resp: 2449

Ion Ratio Lower Upper

83 100

85 77.7 44.6 82.8

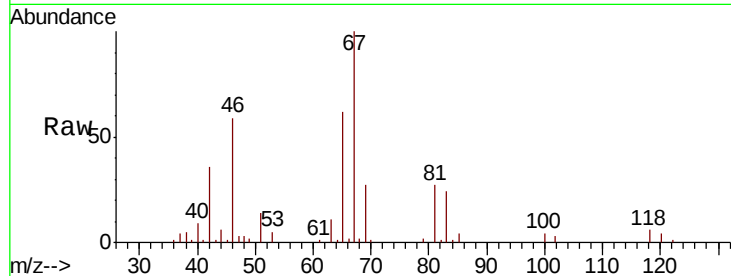




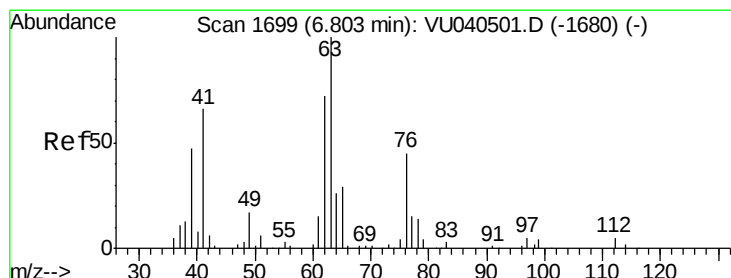
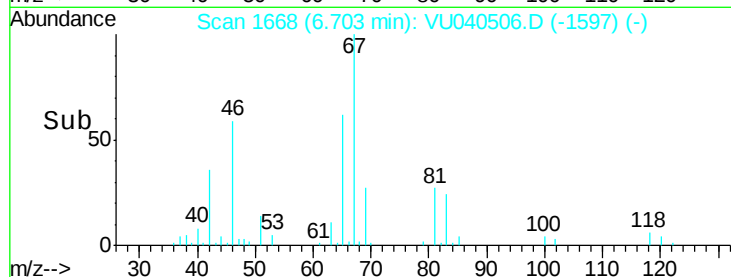
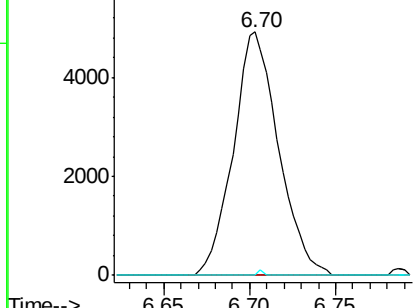
#35
Methylcyclohexane
Concen: 0.575 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040506.D
Acq: 05 Oct 2020 13:48

Instrument :
MSVOA_U
ClientSampleId :
BFZR7

Tot Ion: 83 Resp: 8963
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.3 38.5 57.7#

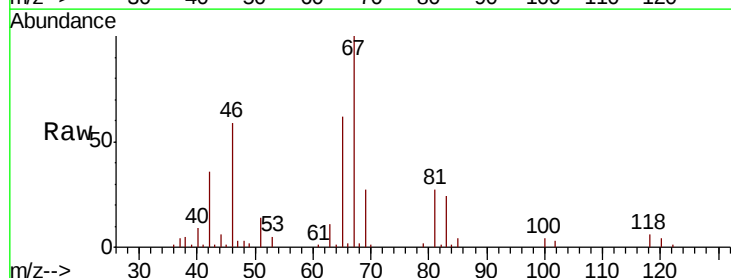


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

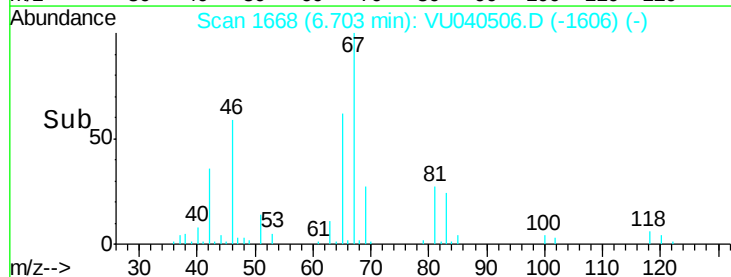
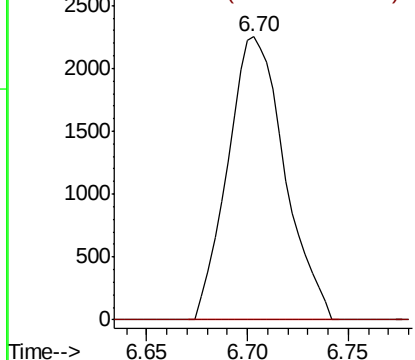


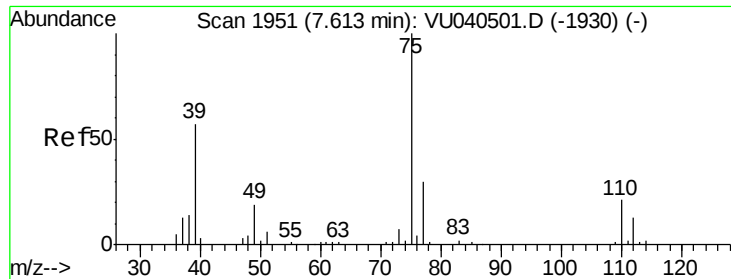
#37
1,2-Dichloropropane
Concen: 0.397 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040506.D
Acq: 05 Oct 2020 13:48

Tgt Ion: 63 Resp: 4427
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

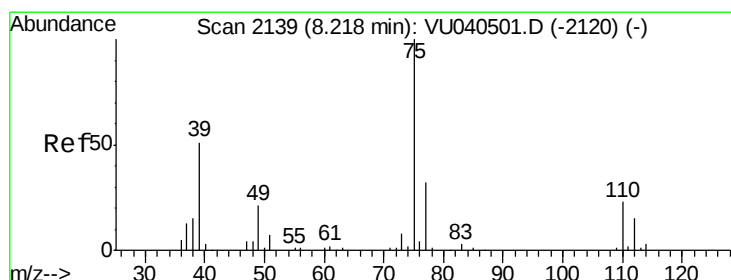
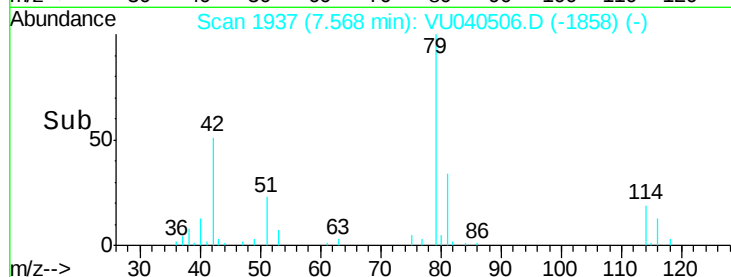
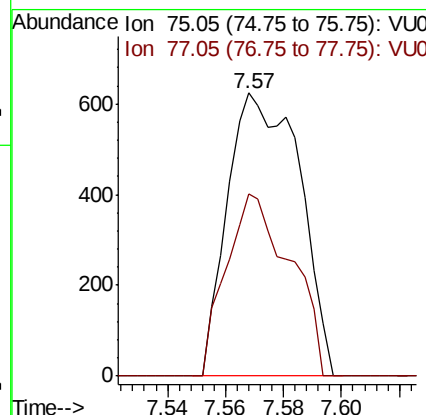
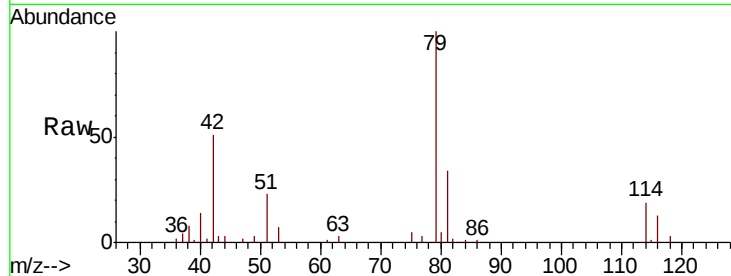




#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040506.D
 Acq: 05 Oct 2020 13:48

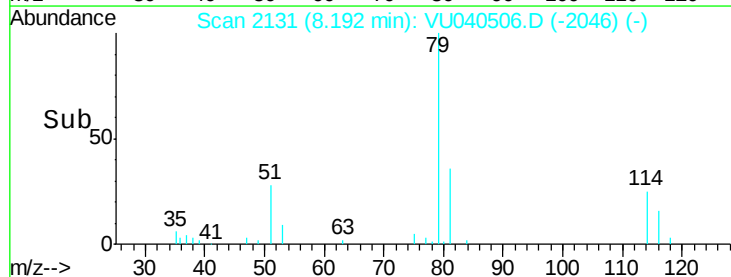
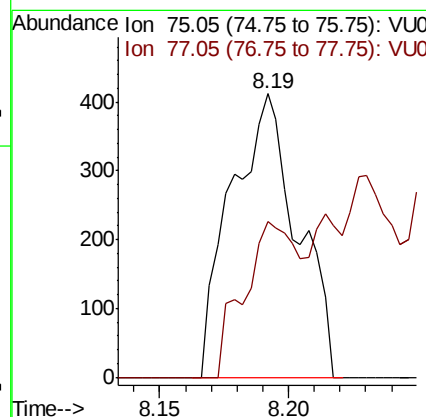
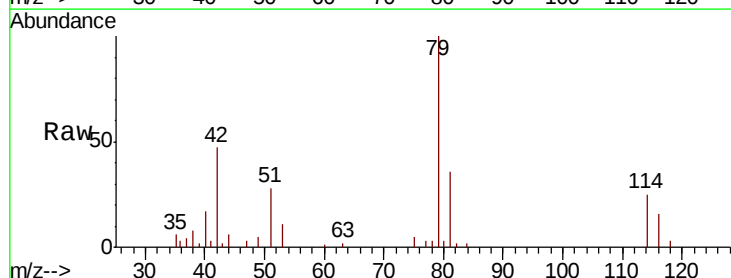
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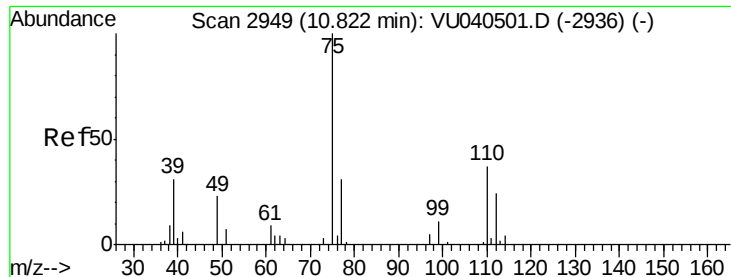
Tot Ion: 75 Resp: 1075
 Ion Ratio Lower Upper
 75 100
 77 64.6 23.5 43.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.053 ug/L
 RT: 8.19 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: VU040506.D
 Acq: 05 Oct 2020 13:48

Tgt Ion: 75 Resp: 734
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 0.933 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040506.D

Acq: 05 Oct 2020 13:48

Instrument :

MSVOA_U

ClientSampleId :

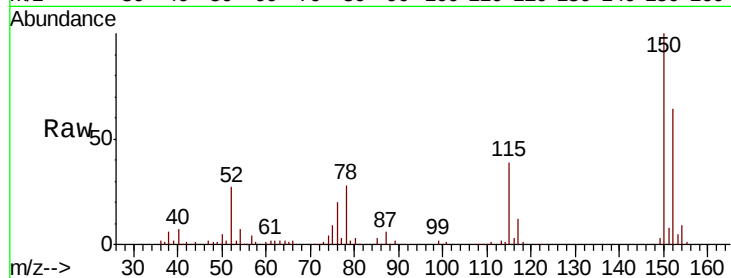
BFZR7

Tot Ion: 75 Resp: 7542

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

