

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092820\
 Data File : VU040333.D
 Acq On : 28 Sep 2020 15:36
 Operator : SY/MD
 Sample : L4147-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST3

Quant Time: Sep 29 07:26:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 07:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	170878	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	169440	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	80077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34999	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.92	69	33834	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.58	63	59980	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	4.65	46	163057	43.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	5.08	84	79847	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.20%
26) 1,2-Dichloroethane-d4	5.72	65	49199	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
32) Benzene-d6	5.75	84	150979	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.70	67	52391	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.91	98	126729	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	8.19	79	18760	3.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.60%
46) 2-Hexanone-d5	8.64	63	117545	41.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45189	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	52810	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

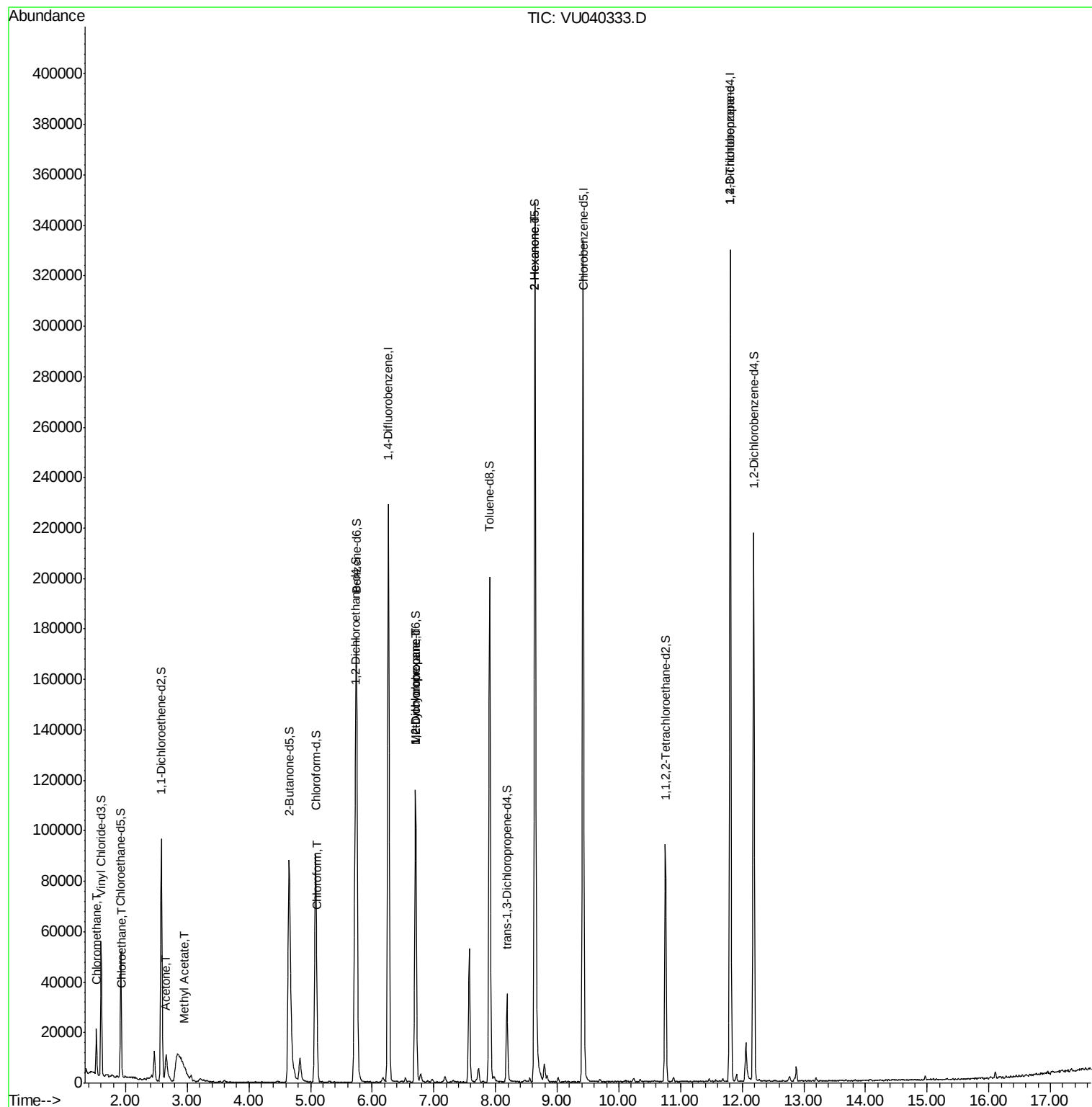
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	11980	0.738	ug/L	99
8) Chloroethane	1.94	64	306	0.031	ug/L	88
13) Acetone	2.66	43	19429	5.624	ug/L	97
15) Methyl Acetate	2.96	43	935	0.108	ug/L #	54
25) Chloroform	5.11	83	3823	0.127	ug/L	97
35) Methylcyclohexane	6.70	83	11833	0.475	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5923	0.361	ug/L #	88
48) 2-Hexanone	8.64	43	18984	1.933	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	10682	0.878	ug/L #	82

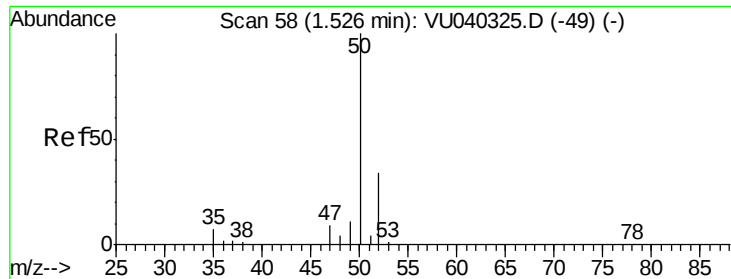
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.738 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040333.D

Acq: 28 Sep 2020 15:36

Instrument :

MSVOA_U

ClientSampleId :

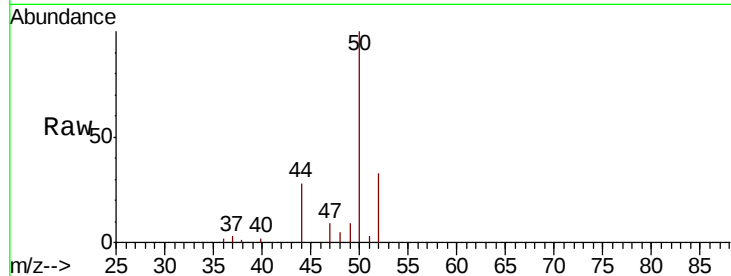
BFST3

Tot Ion: 50 Resp: 11980

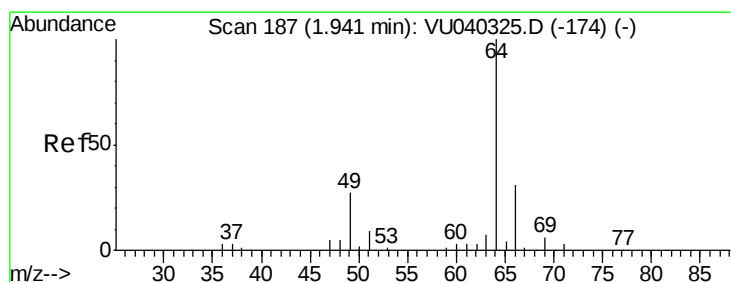
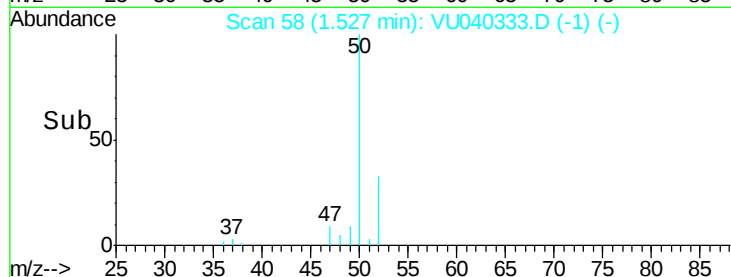
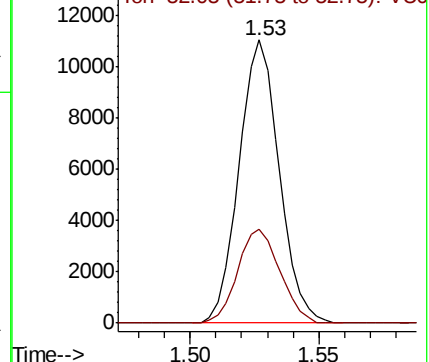
Ion Ratio Lower Upper

50 100

52 33.1 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040333.D (-1) (-)



#8

Chloroethane

Concen: 0.031 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040333.D

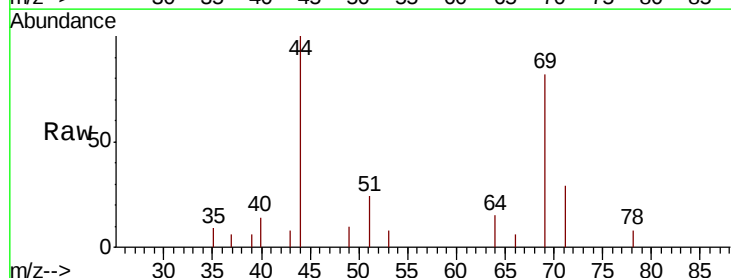
Acq: 28 Sep 2020 15:36

Tgt Ion: 64 Resp: 306

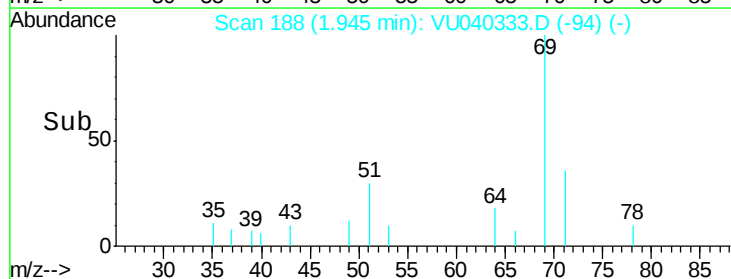
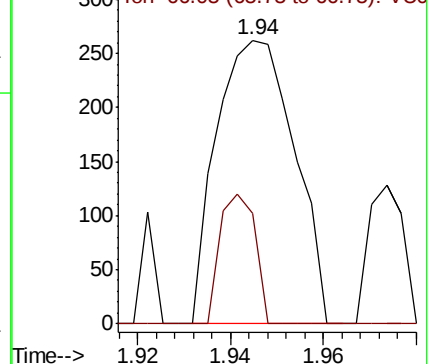
Ion Ratio Lower Upper

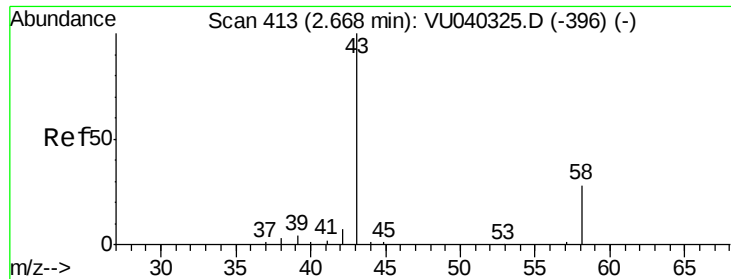
64 100

66 38.9 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU040333.D (-94) (-)





#13

Acetone

Concen: 5.624 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040333.D

Acq: 28 Sep 2020 15:36

Instrument :

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ClientSampleId :

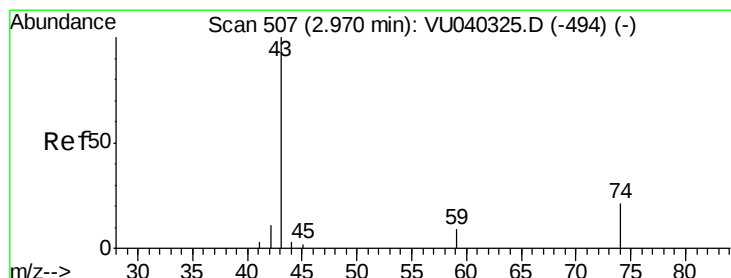
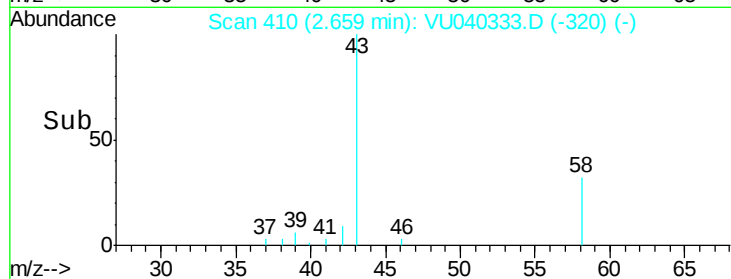
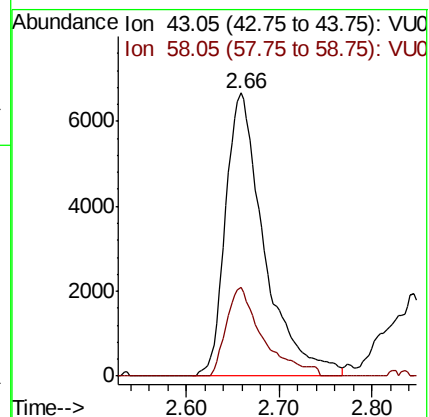
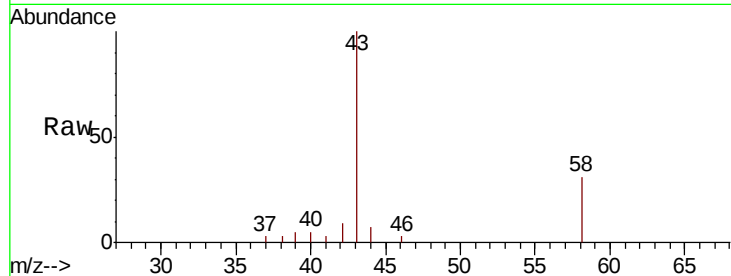
BFST3

Tot Ion: 43 Resp: 19429

Ion Ratio Lower Upper

43 100

58 29.5 0.0 55.4



#15

Methyl Acetate

Concen: 0.108 ug/L

RT: 2.96 min Scan# 504

Delta R.T. -0.01 min

Lab File: VU040333.D

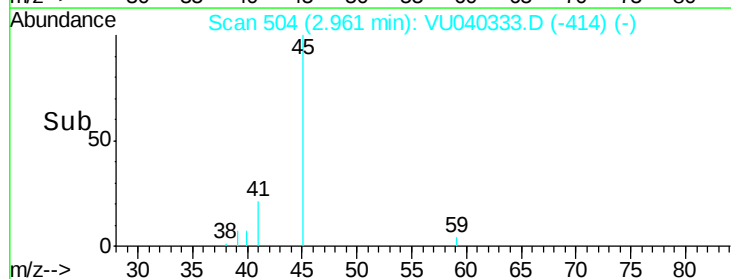
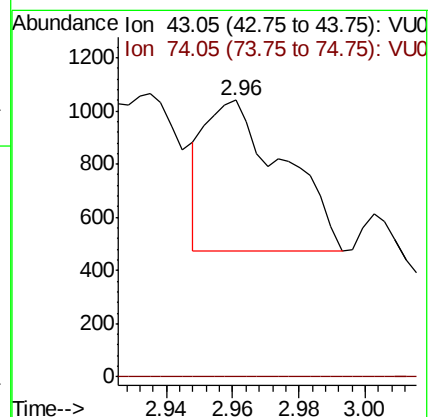
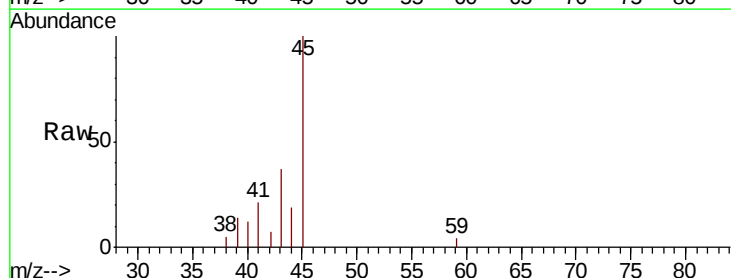
Acq: 28 Sep 2020 15:36

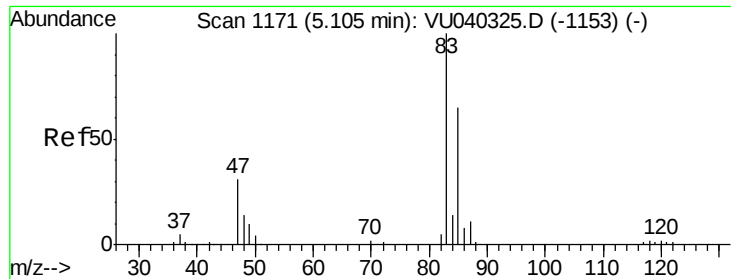
Tgt Ion: 43 Resp: 935

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#

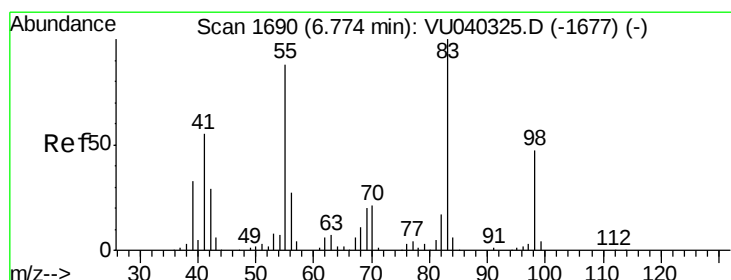
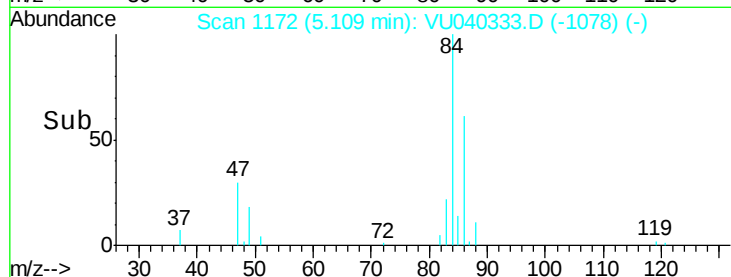
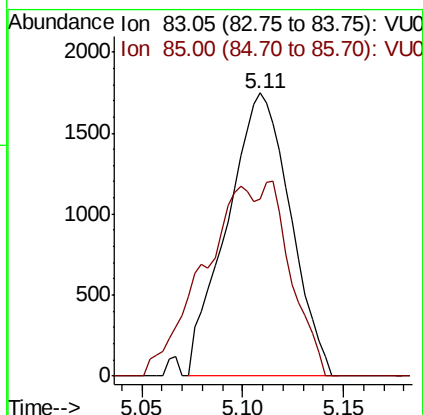
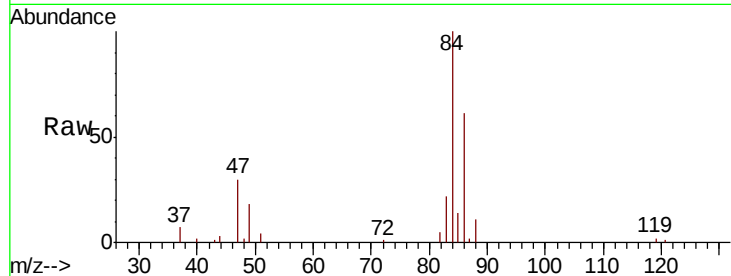




#25
Chloroform
Concen: 0.127 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040333.D
Acq: 28 Sep 2020 15:36

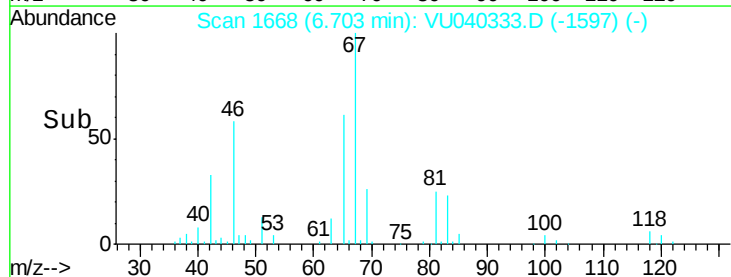
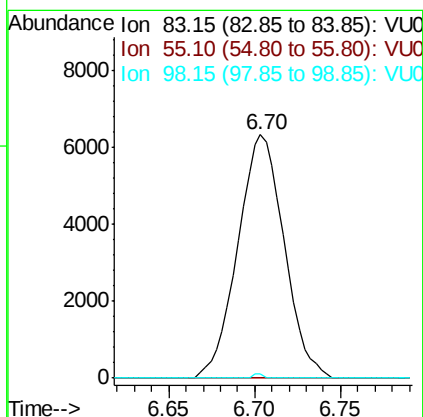
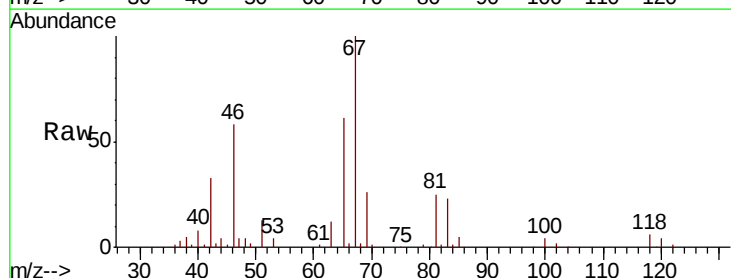
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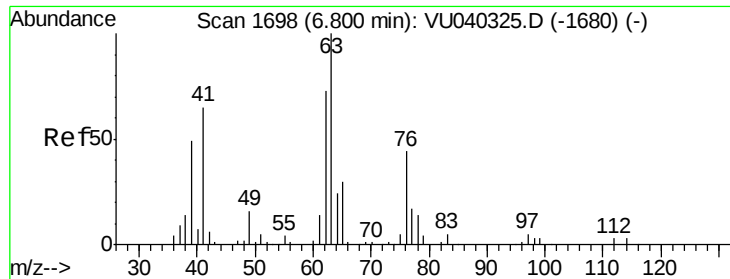
Tot Ion: 83 Resp: 3823
Ion Ratio Lower Upper
83 100
85 62.4 45.3 84.1



#35
Methylcyclohexane
Concen: 0.475 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040333.D
Acq: 28 Sep 2020 15:36

Tgt Ion: 83 Resp: 11833
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.3 37.8 56.6#

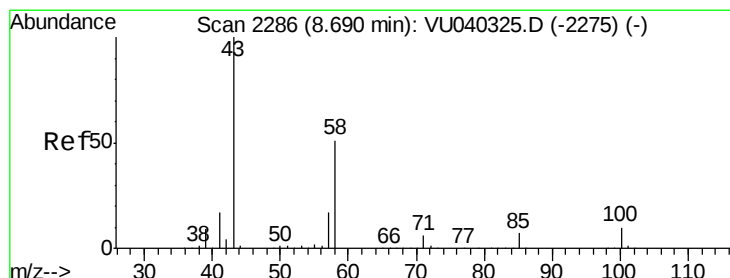
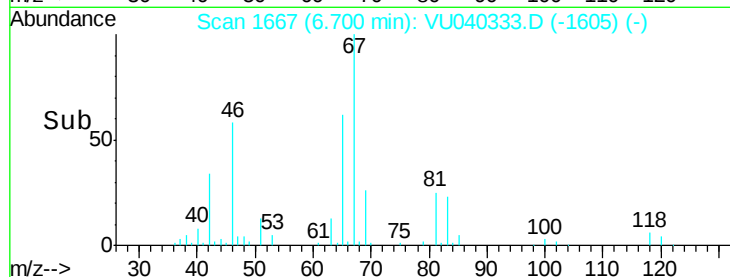
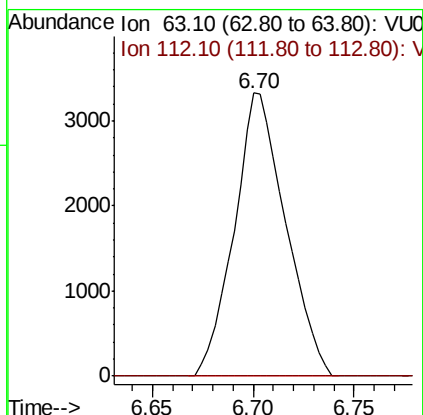
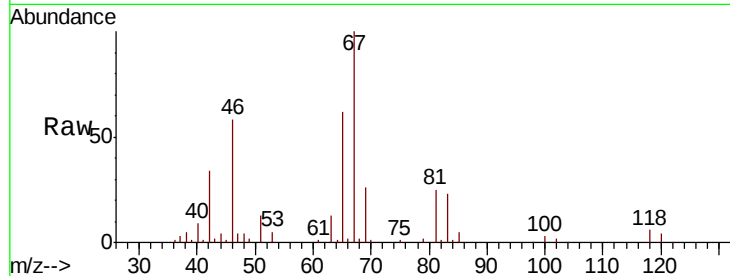




#37
 1,2-Dichloropropane
 Concen: 0.361 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040333.D
 Acq: 28 Sep 2020 15:36

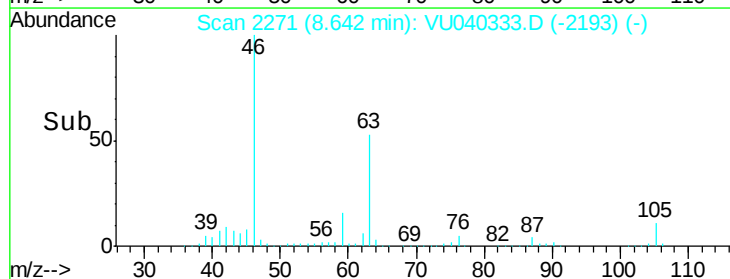
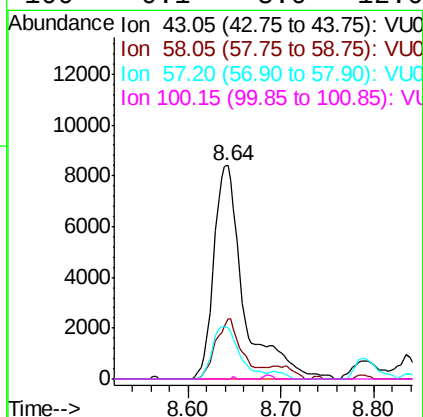
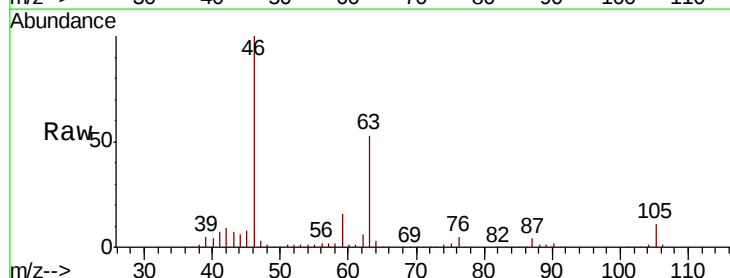
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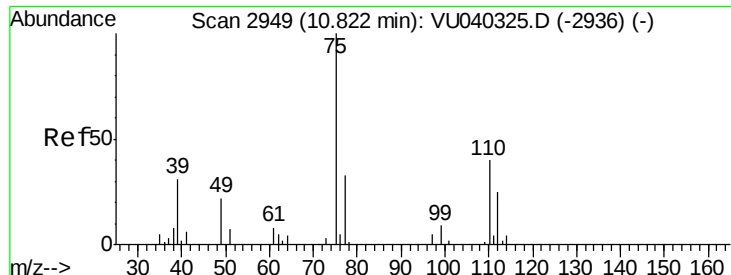
Tot Ion: 63 Resp: 5923
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 1.933 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040333.D
 Acq: 28 Sep 2020 15:36

Tgt Ion: 43 Resp: 18984
 Ion Ratio Lower Upper
 43 100
 58 23.7 39.6 59.4#
 57 22.3 14.3 21.5#
 100 0.1 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.878 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040333.D

Acq: 28 Sep 2020 15:36

Instrument :

MSVOA_U

ClientSampleId :

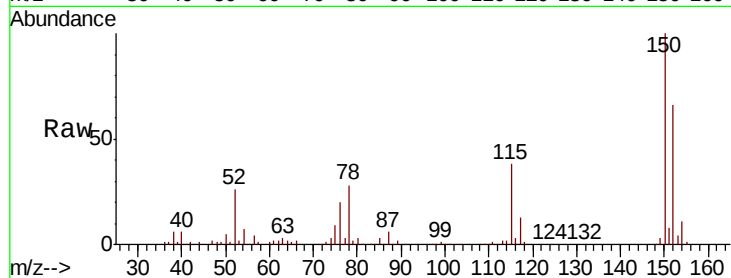
BFST3

Tot Ion: 75 Resp: 10682

Ion Ratio Lower Upper

75 100

77 41.1 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

