

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039970.D
 Acq On : 25 Aug 2020 16:32
 Operator : SY/MD
 Sample : L3776-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y18

Quant Time: Aug 26 03:45:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70404	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25087	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.92	69	21529	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	39566	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.65	46	79063	40.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.46%
24) Chloroform-d	5.09	84	51903	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	31046	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.74	84	98051	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	31624	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.91	98	83379	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.19	79	12382	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	56153	38.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.50%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24271	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32870	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

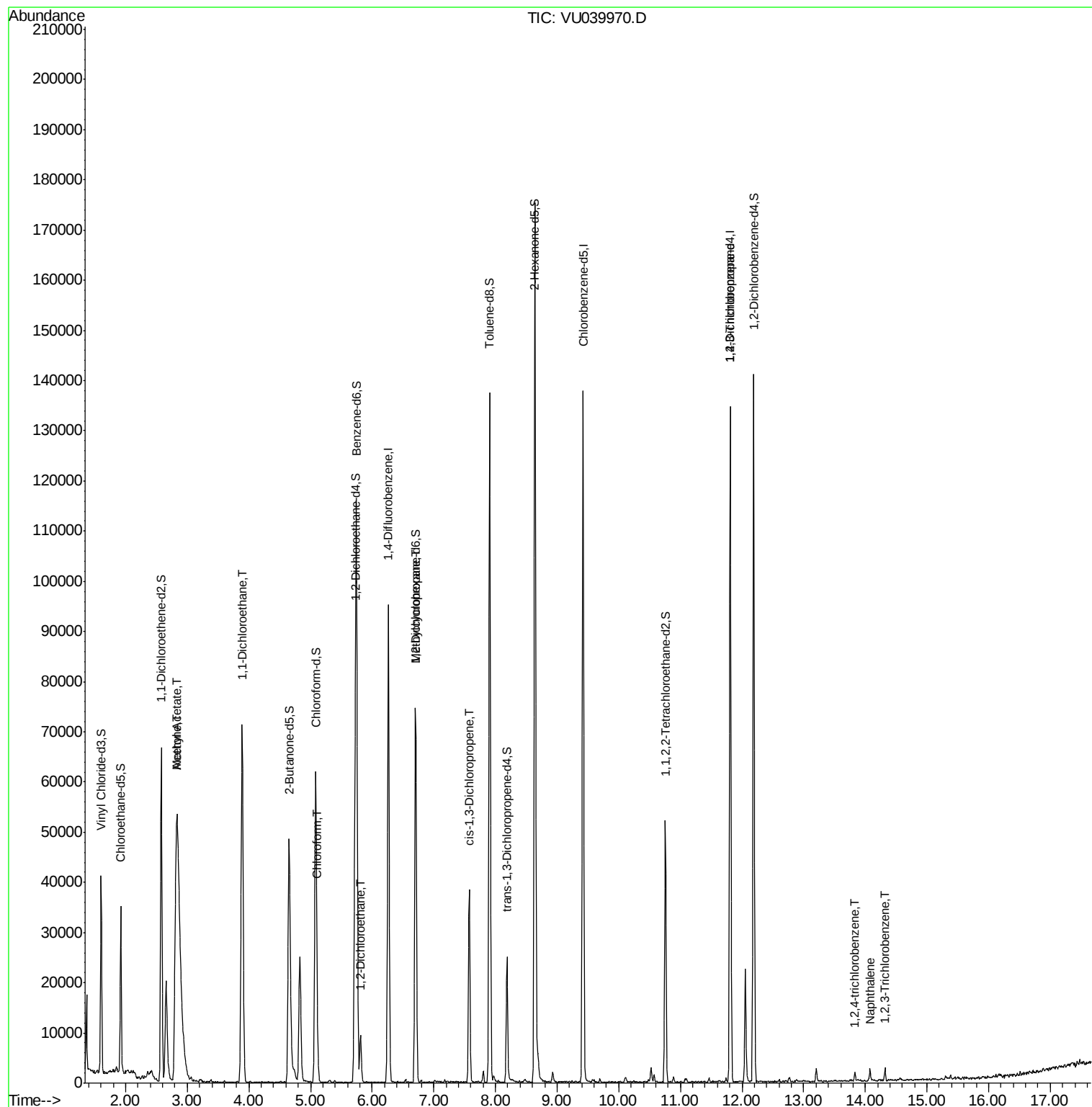
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.84	43	40406	30.089	ug/L	79
15) Methyl Acetate	2.84	43	40783	11.831	ug/L #	56
19) 1,1-Dichloroethane	3.89	63	80104	6.757	ug/L	99
25) Chloroform	5.11	83	5109	0.425	ug/L	100
27) 1,2-Dichloroethane	5.81	62	7297	0.865	ug/L	98
35) Methylcyclohexane	6.71	83	7365	0.736	ug/L #	17
39) cis-1,3-Dichloropropene	7.57	75	937	0.100	ug/L #	59
59) 1,2,3-Trichloropropane	11.81	75	4430	0.924	ug/L	88
68) 1,2,4-trichlorobenzene	13.83	180	811	0.107	ug/L #	93
69) Naphthalene	14.08	128	2154	0.154	ug/L	95
70) 1,2,3-Trichlorobenzene	14.32	180	915	0.130	ug/L	90

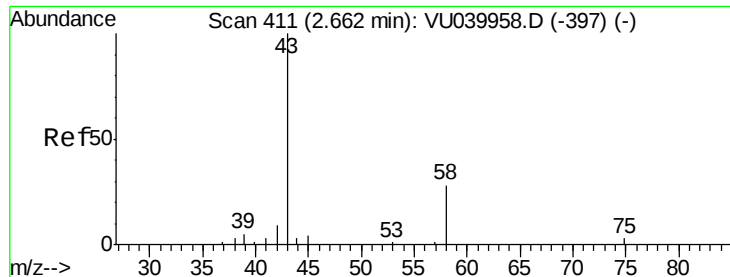
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.089 ug/L

RT: 2.84 min Scan# 465

Delta R.T. 0.17 min

Lab File: VU039970.D

Acq: 25 Aug 2020 16:32

Instrument :

MSVOA_U

ClientSampleId :

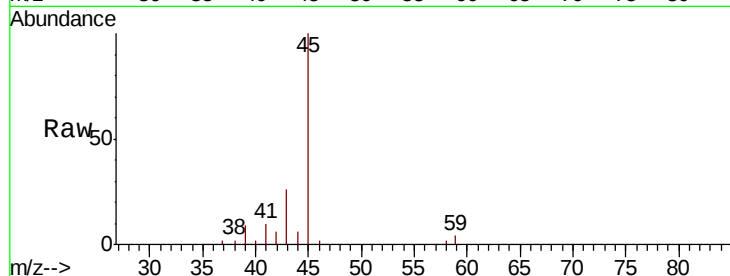
F4Y18

Tot Ion: 43 Resp: 40406

Ion Ratio Lower Upper

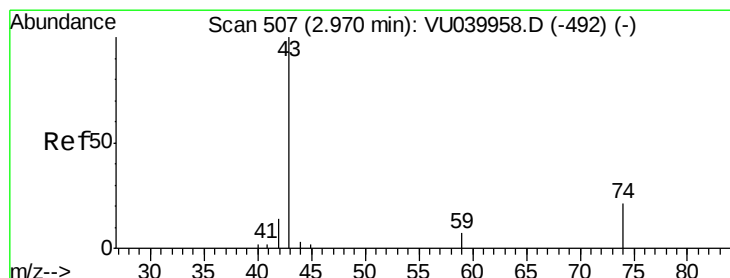
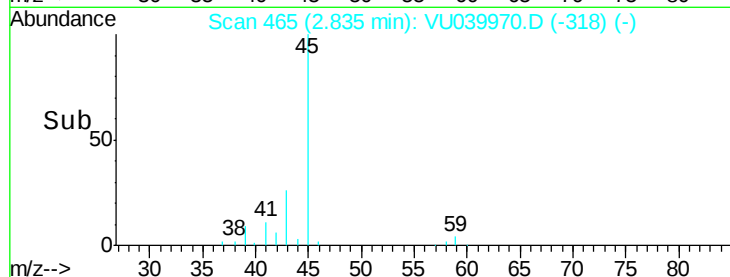
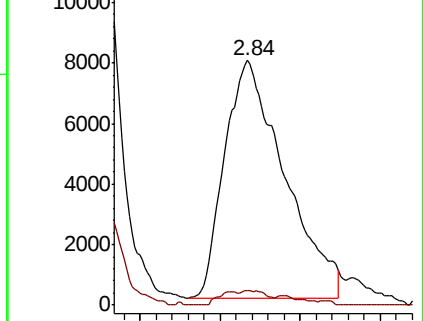
43 100

58 1.9 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039970.D (-414) (-)

Ion 58.05 (57.75 to 58.75): VU039970.D (-414) (-)



#15

Methyl Acetate

Concen: 11.831 ug/L

RT: 2.84 min Scan# 465

Delta R.T. -0.14 min

Lab File: VU039970.D

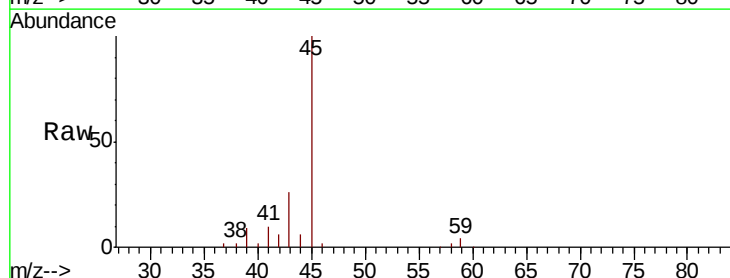
Acq: 25 Aug 2020 16:32

Tgt Ion: 43 Resp: 40783

Ion Ratio Lower Upper

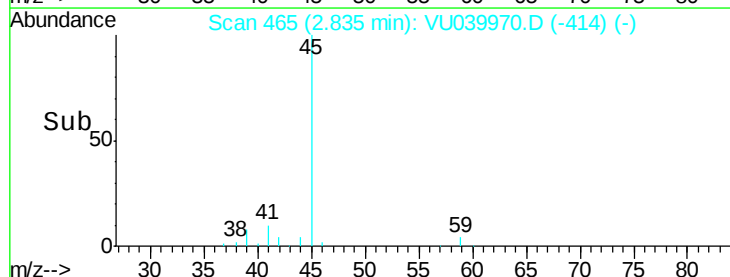
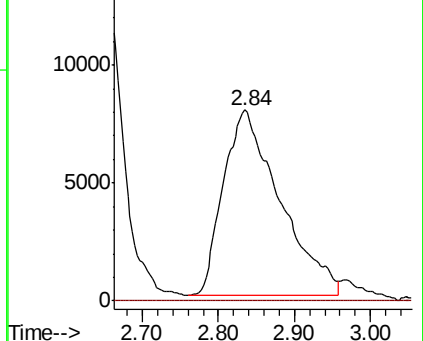
43 100

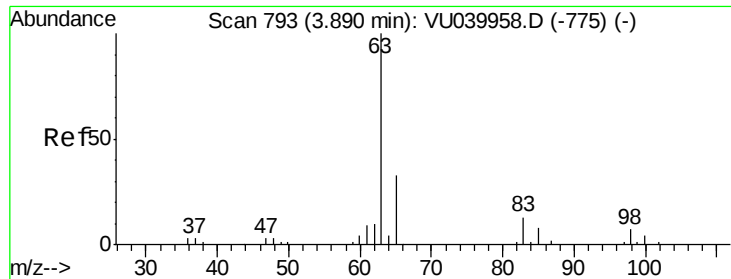
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU039970.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VU039970.D (-414) (-)

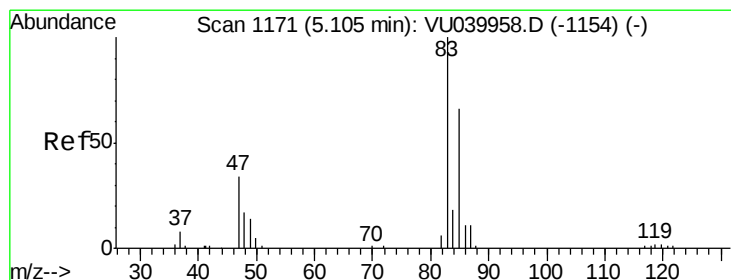
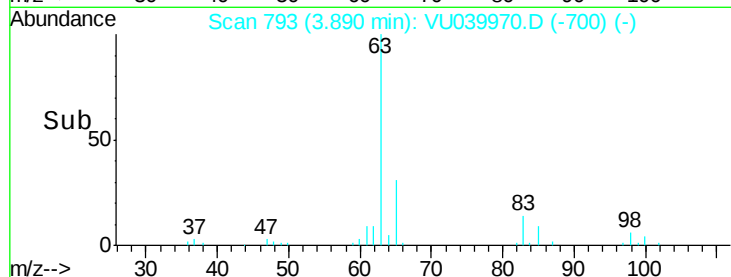
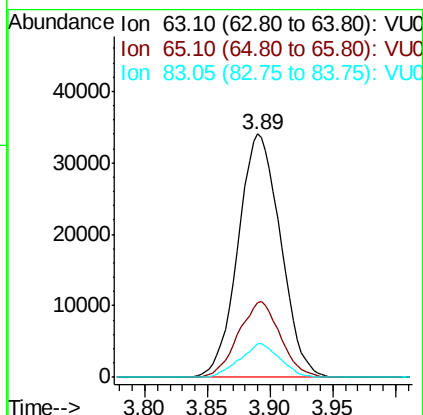
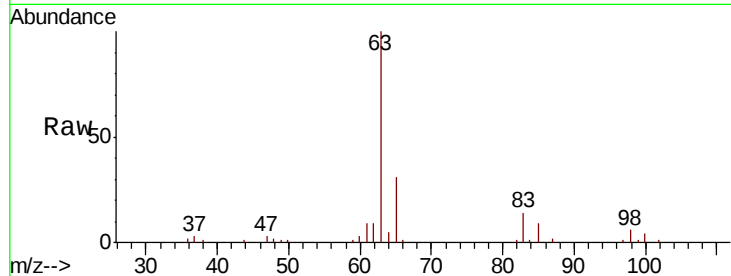




#19
 1,1-Dichloroethane
 Concen: 6.757 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: VU039970.D
 Acq: 25 Aug 2020 16:32

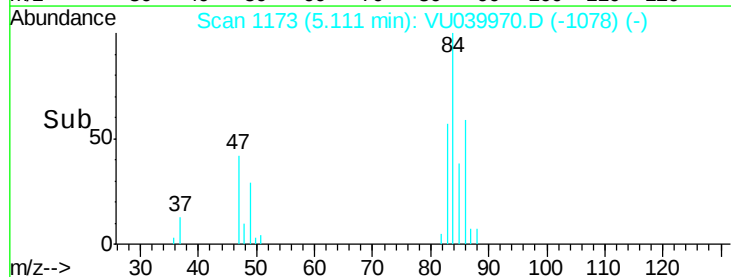
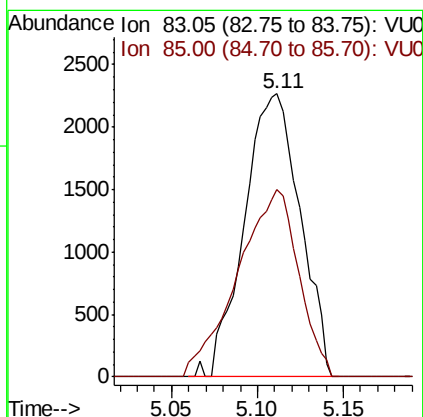
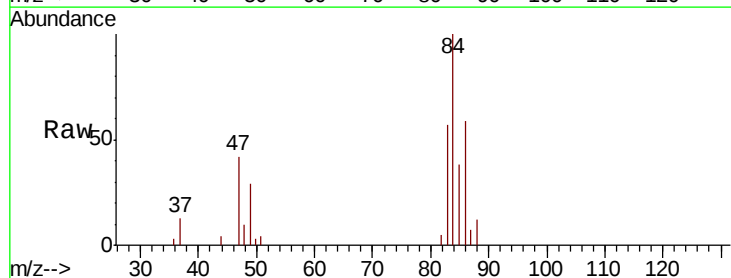
Instrument :
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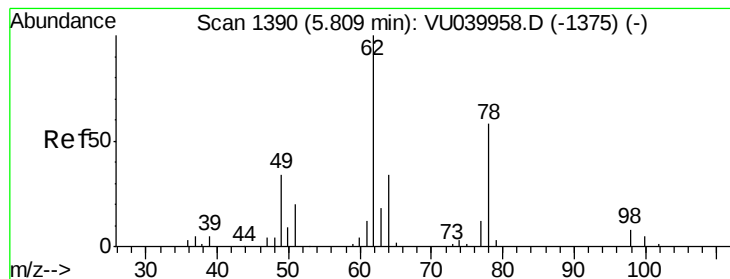
Tot Ion: 63 Resp: 80104
 Ion Ratio Lower Upper
 63 100
 65 30.9 21.6 40.0
 83 13.8 10.3 19.1



#25
 Chloroform
 Concen: 0.425 ug/L
 RT: 5.11 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: VU039970.D
 Acq: 25 Aug 2020 16:32

Tgt Ion: 83 Resp: 5109
 Ion Ratio Lower Upper
 83 100
 85 66.4 46.4 86.2





#27

1,2-Dichloroethane

Concen: 0.865 ug/L

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU039970.D

Acq: 25 Aug 2020 16:32

Instrument :

MSVOA_U

ClientSampleId :

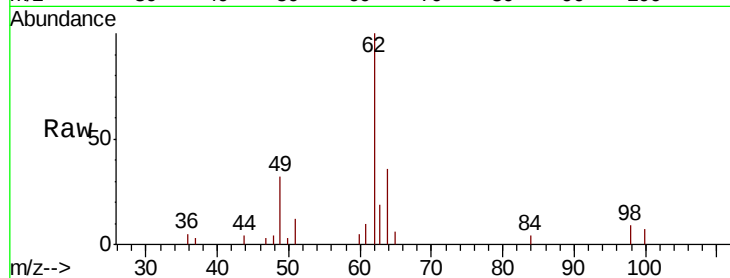
F4Y18

Tot Ion: 62 Resp: 7297

Ion Ratio Lower Upper

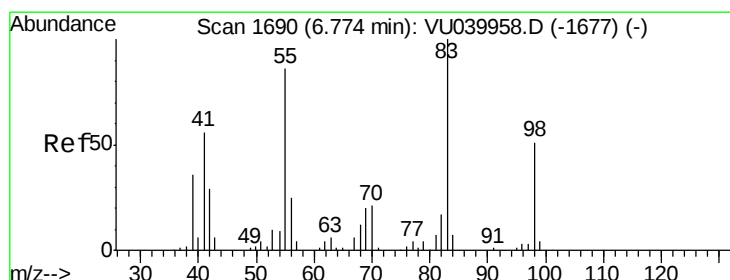
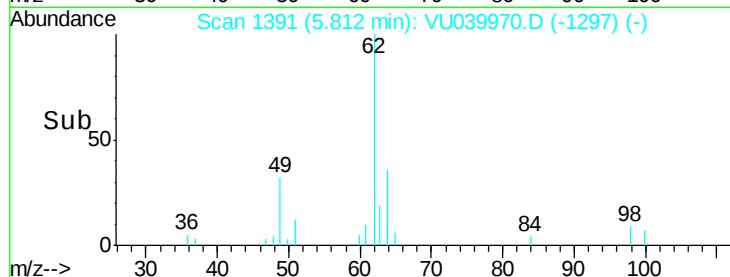
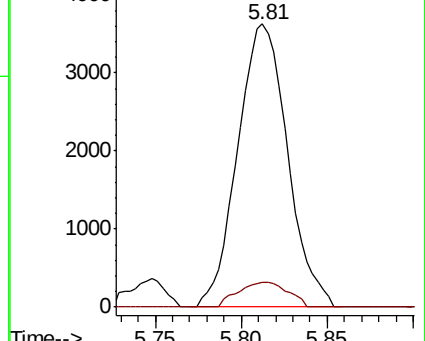
62 100

98 8.7 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU039970.D (-1297) (-)

Ion 98.05 (97.75 to 98.75): VU039970.D (-1297) (-)



#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039970.D

Acq: 25 Aug 2020 16:32

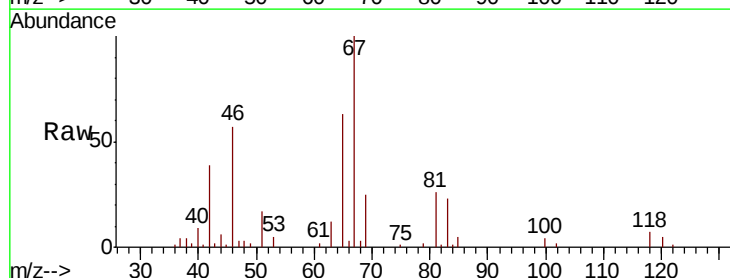
Tgt Ion: 83 Resp: 7365

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

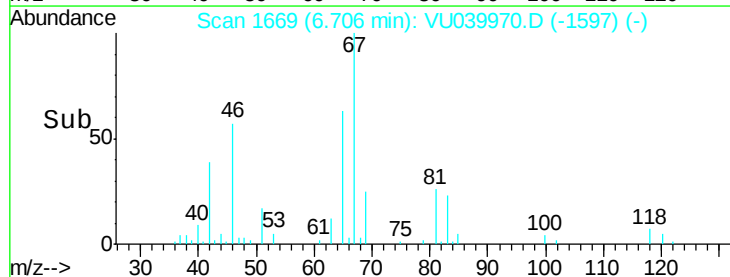
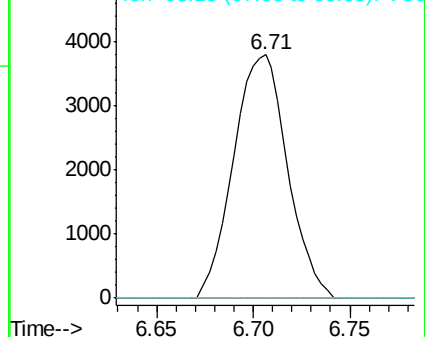
98 0.3 39.4 59.0#

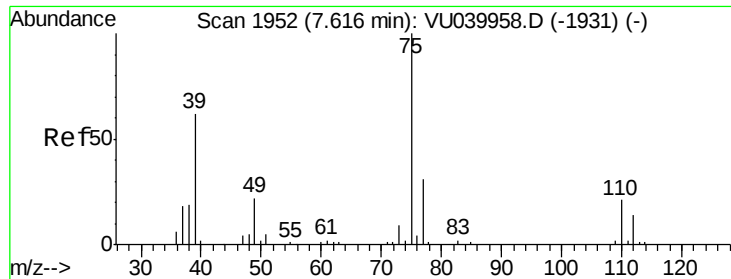


Abundance Ion 83.15 (82.85 to 83.85): VU039970.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU039970.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU039970.D (-1597) (-)

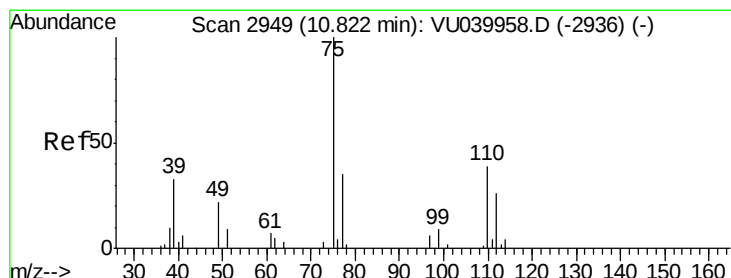
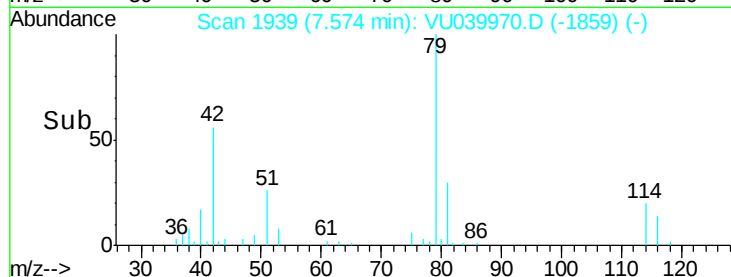
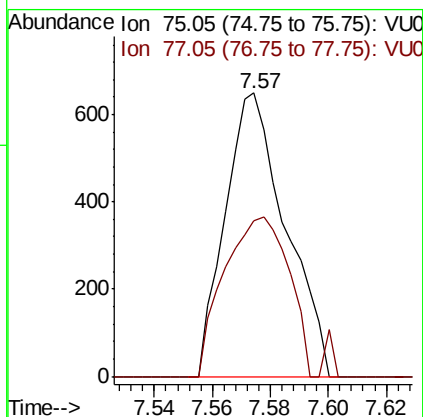
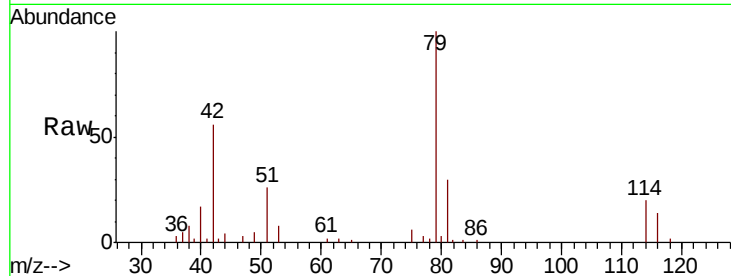




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039970.D
 Acq: 25 Aug 2020 16:32

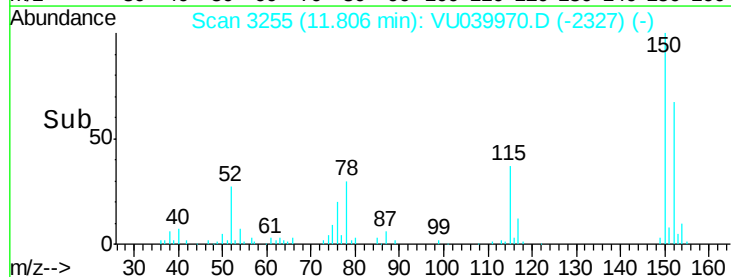
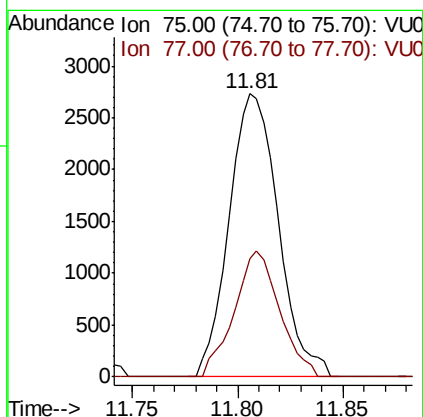
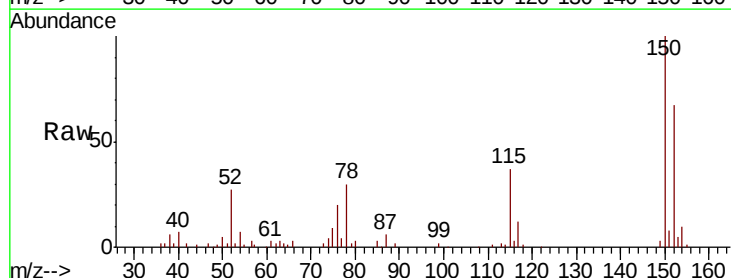
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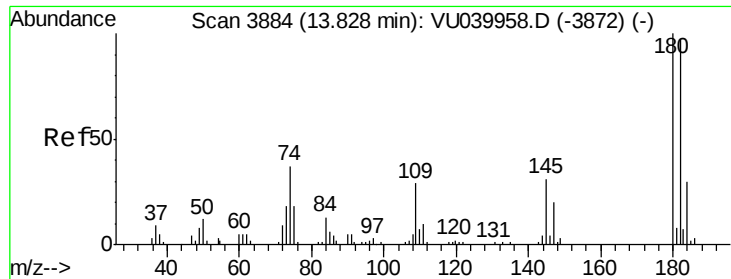
Tot Ion: 75 Resp: 937
 Ion Ratio Lower Upper
 75 100
 77 55.0 22.6 42.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.924 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039970.D
 Acq: 25 Aug 2020 16:32

Tgt Ion: 75 Resp: 4430
 Ion Ratio Lower Upper
 75 100
 77 41.0 27.4 41.2

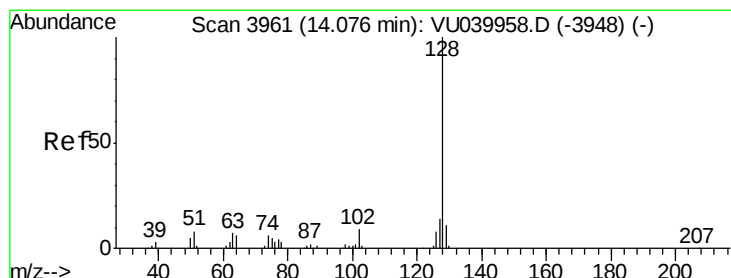
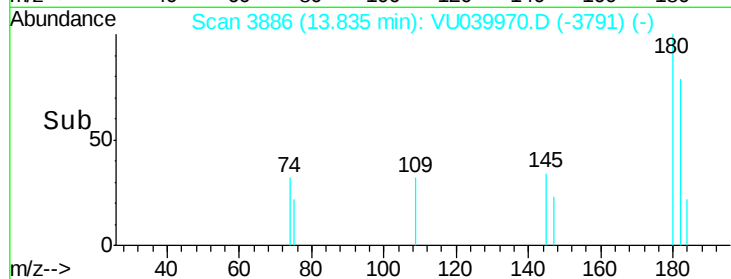
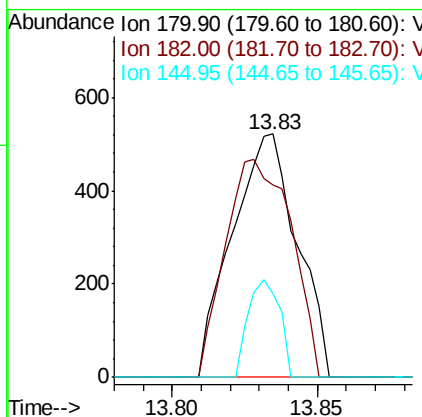
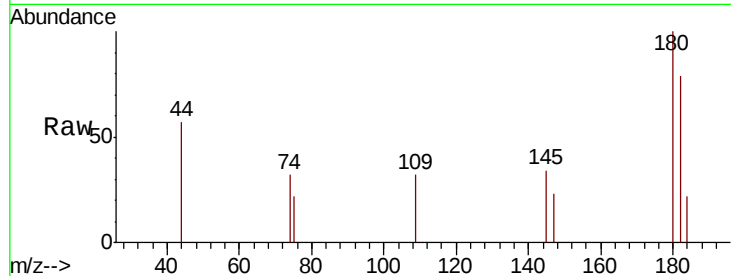




#68
 1,2,4-trichlorobenzene
 Concen: 0.107 ug/L
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.01 min
 Lab File: VU039970.D
 Acq: 25 Aug 2020 16:32

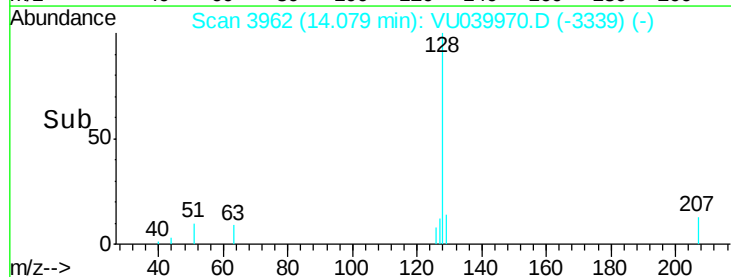
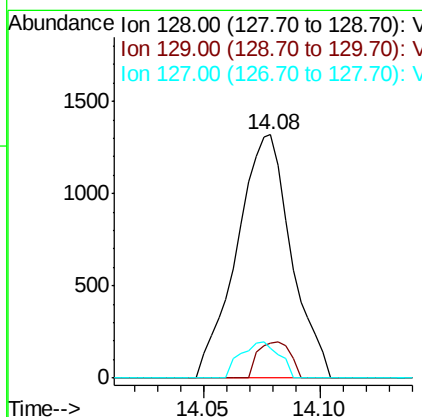
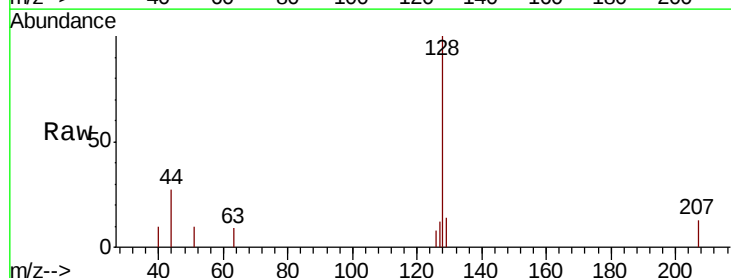
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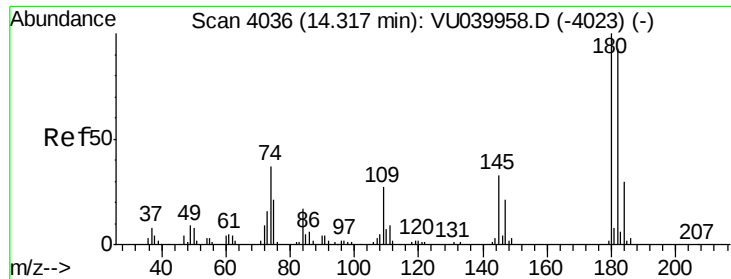
Tot Ion:180 Resp: 811
 Ion Ratio Lower Upper
 180 100
 182 91.0 75.2 112.8
 145 19.5 24.6 36.8#



#69
 Naphthalene
 Concen: 0.154 ug/L
 RT: 14.08 min Scan# 3962
 Delta R.T. 0.00 min
 Lab File: VU039970.D
 Acq: 25 Aug 2020 16:32

Tgt Ion:128 Resp: 2154
 Ion Ratio Lower Upper
 128 100
 129 8.8 8.5 12.7
 127 10.5 10.2 15.4

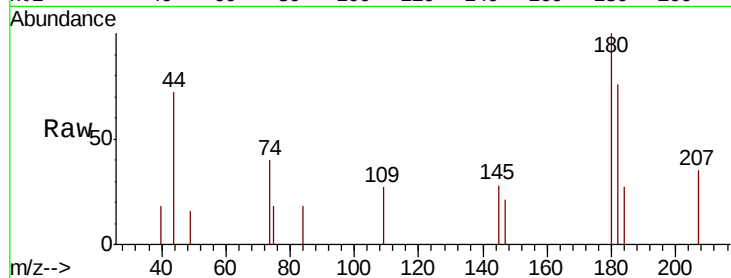




#70
 1,2,3-Trichlorobenzene
 Concen: 0.130 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: VU039970.D
 Acq: 25 Aug 2020 16:32

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Tot Ion	Ratio	Lower	Upper
180	100		
182	84.3	75.0	112.6
145	27.2	26.4	39.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

