

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039373.D
 Acq On : 09 Jul 2020 02:21
 Operator : SY/MD
 Sample : L3243-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A84

Quant Time: Jul 09 05:53:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	99795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27130	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	30447	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	41663	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.65	46	157221	59.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.82%
24) Chloroform-d	5.09	84	67727	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.72	65	43376	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.74	84	131372	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.20%
36) 1,2-Dichloropropane-d6	6.71	67	45394	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.91	98	113310	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
43) trans-1,3-Dichloropropene-	8.19	79	18407	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
46) 2-Hexanone-d5	8.64	63	114226	55.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.70%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43097	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45259	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

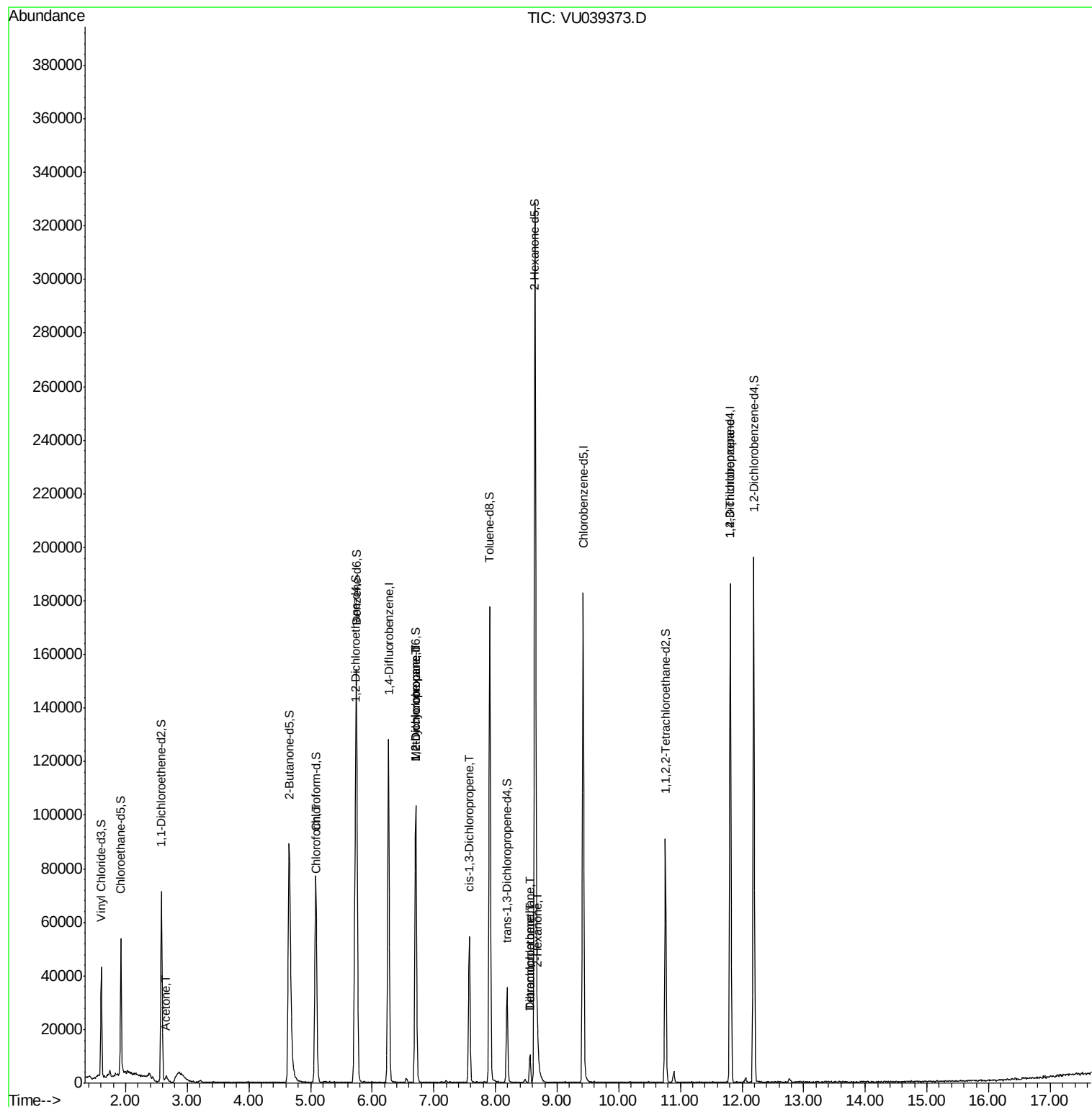
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	4099	2.869	ug/L	77
25) Chloroform	5.11	83	2618	0.202	ug/L	92
35) Methylcyclohexane	6.71	83	9709	0.849	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5525	0.734	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1496	0.132	ug/L #	49
47) Tetrachloroethene	8.56	164	2091	0.421	ug/L	88
48) 2-Hexanone	8.69	43	5085	1.099	ug/L #	48
49) Dibromochloromethane	8.56	129	2034	0.311	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6897	1.244	ug/L	91

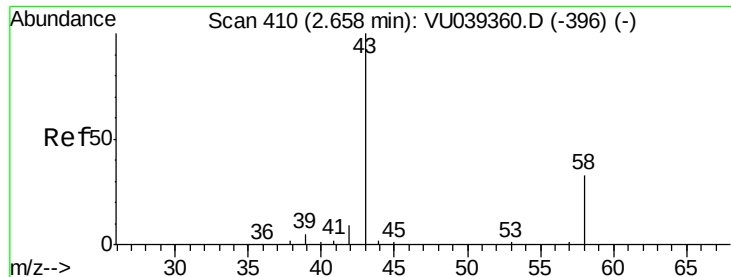
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.869 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU039373.D

Acq: 09 Jul 2020 02:21

Instrument :

MSVOA_U

ClientSampleId :

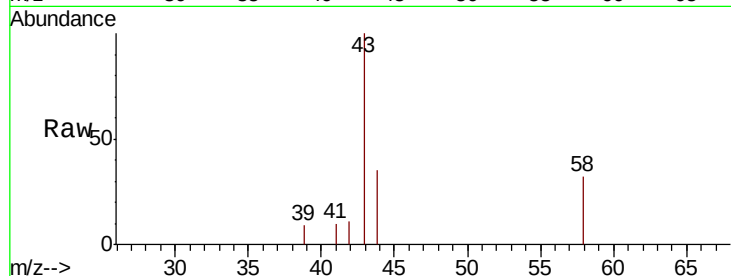
F4A84

Tot Ion: 43 Resp: 4099

Ion Ratio Lower Upper

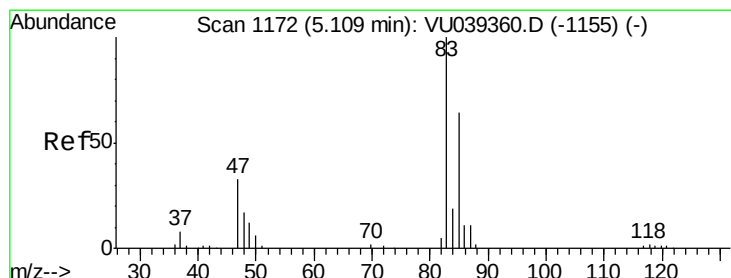
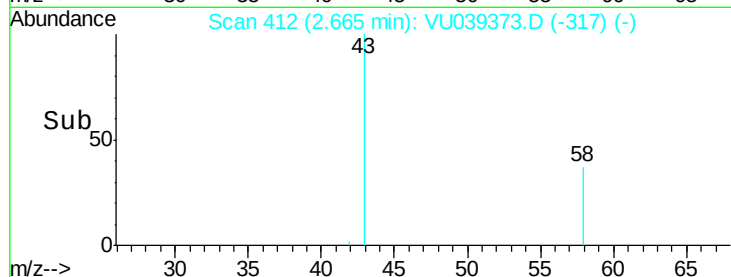
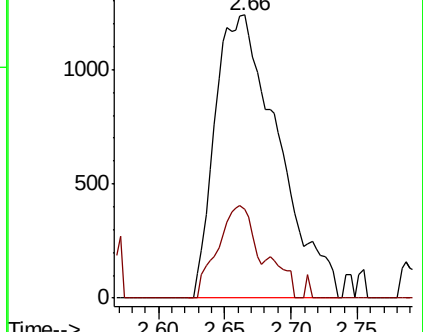
43 100

58 18.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039373.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU039373.D (-317) (-)



#25

Chloroform

Concen: 0.202 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039373.D

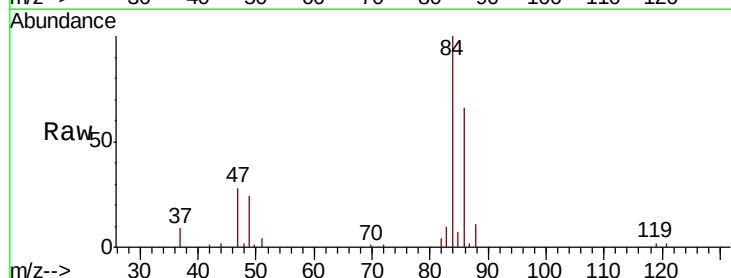
Acq: 09 Jul 2020 02:21

Tgt Ion: 83 Resp: 2618

Ion Ratio Lower Upper

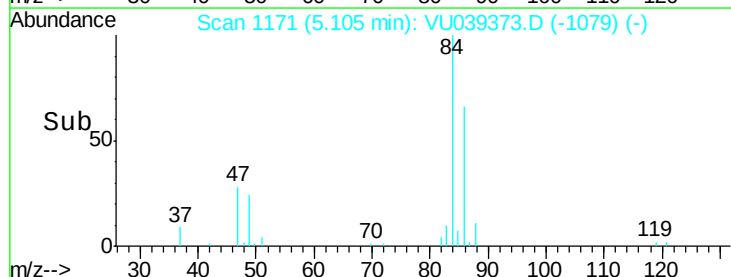
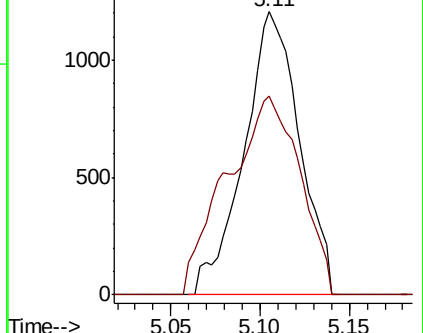
83 100

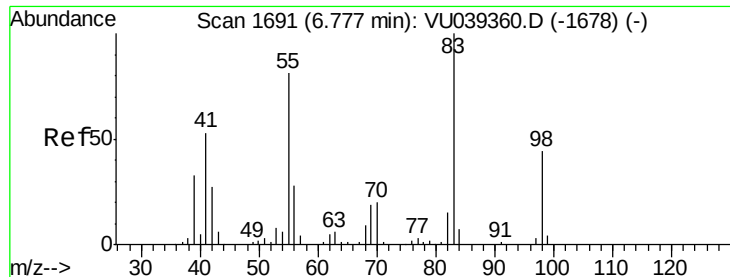
85 70.4 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039373.D (-1079) (-)

Ion 85.00 (84.70 to 85.70): VU039373.D (-1079) (-)

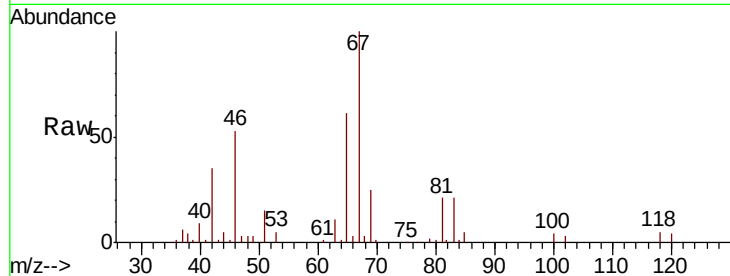




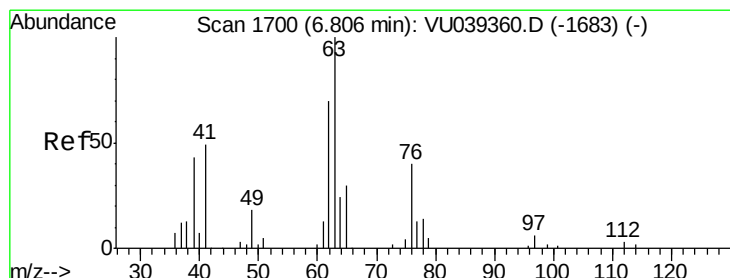
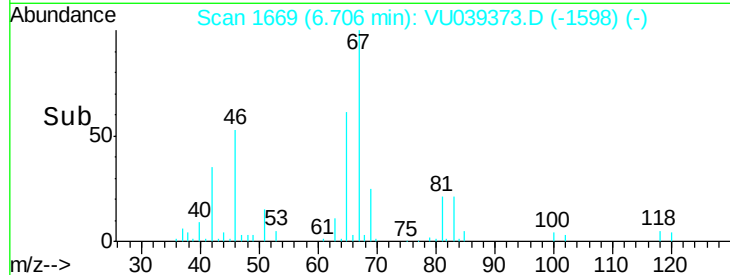
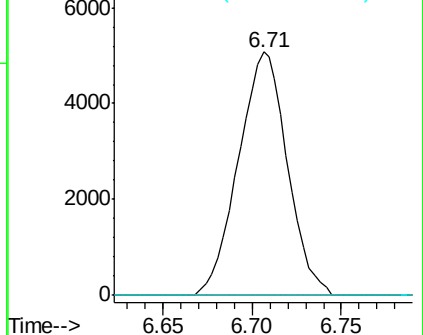
#35
Methylvlcyclohexane
Concen: 0.849 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039373.D
Acq: 09 Jul 2020 02:21

Instrument :
MSVOA_U
ClientSampleId :
F4A84

Tot Ion: 83 Resp: 9709
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

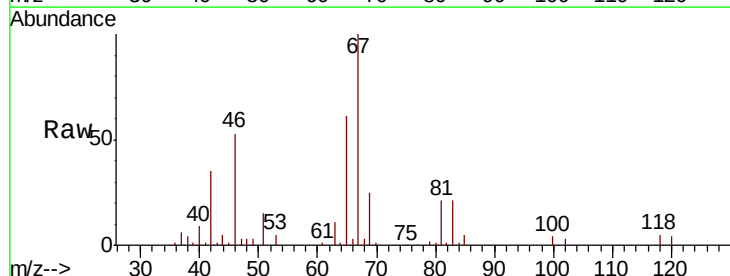


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

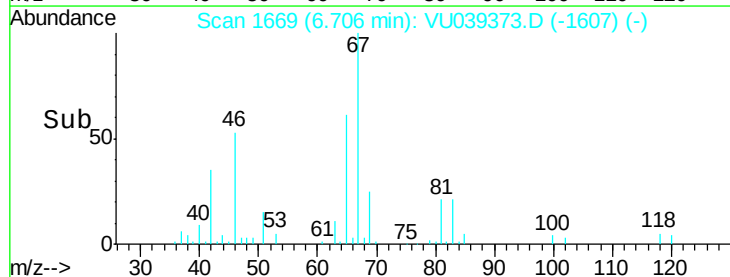
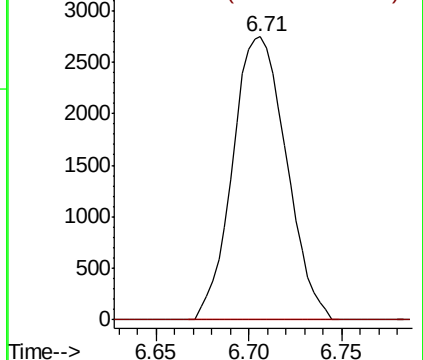


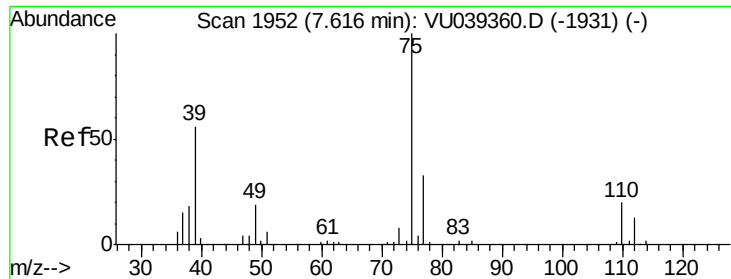
#37
1,2-Dichloropropane
Concen: 0.734 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039373.D
Acq: 09 Jul 2020 02:21

Tgt Ion: 63 Resp: 5525
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

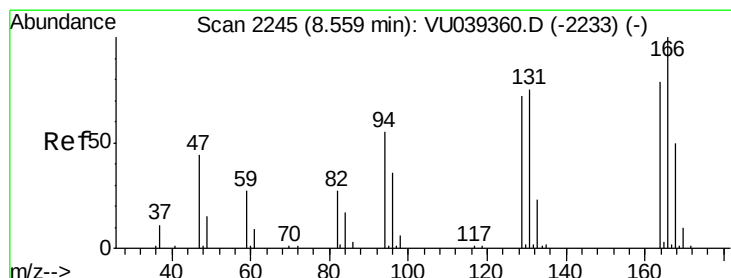
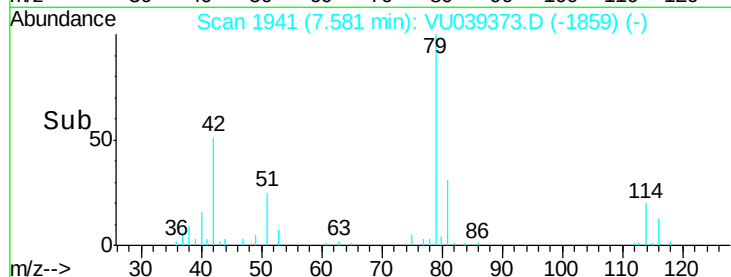
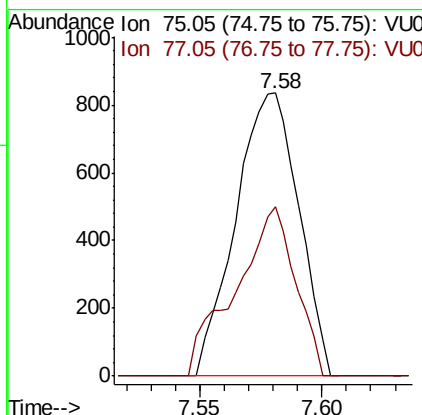
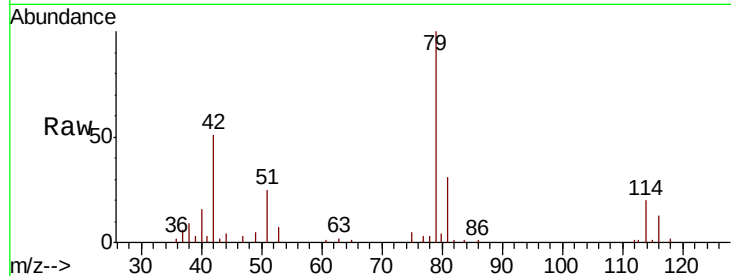




#39
 cis-1,3-Dichloropropene
 Concen: 0.132 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039373.D
 Acq: 09 Jul 2020 02:21

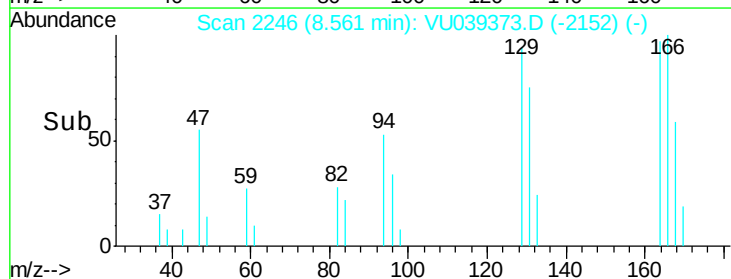
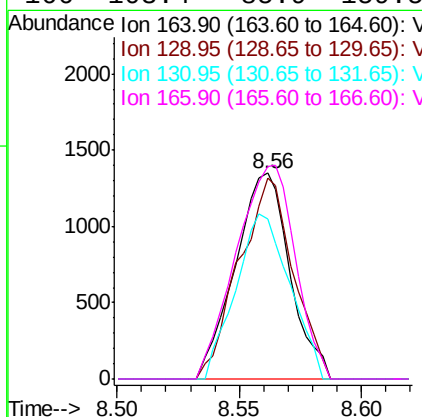
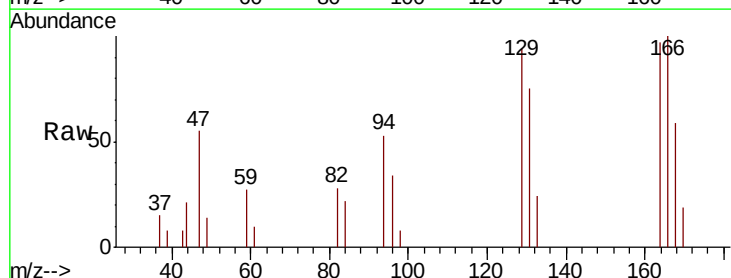
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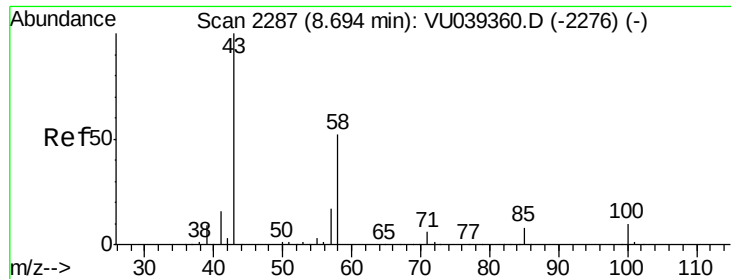
Tot Ion: 75 Resp: 1496
 Ion Ratio Lower Upper
 75 100
 77 59.9 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.421 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039373.D
 Acq: 09 Jul 2020 02:21

Tgt Ion:164 Resp: 2091
 Ion Ratio Lower Upper
 164 100
 129 97.7 68.6 127.4
 131 77.8 66.4 123.4
 166 103.4 85.9 159.5

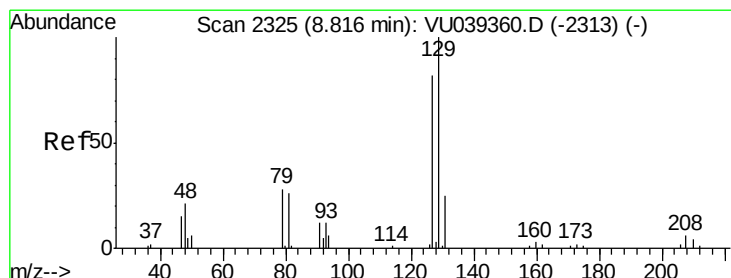
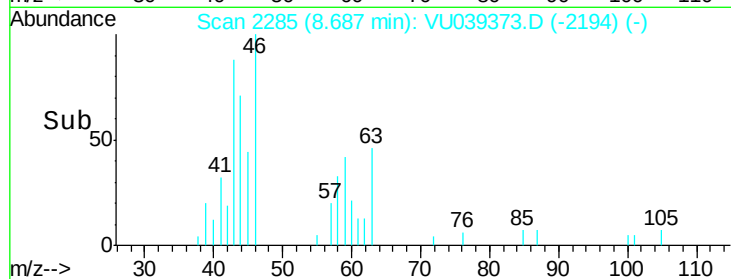
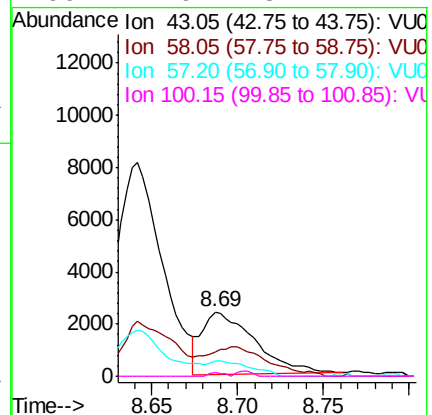
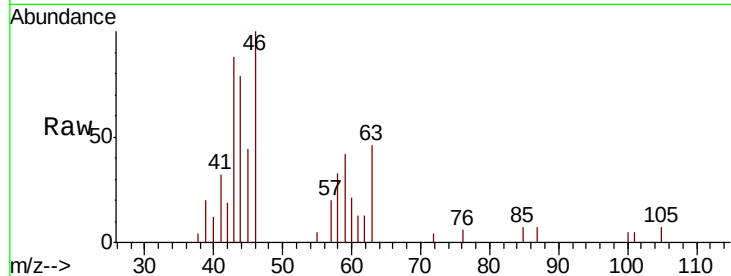




#48
2-Hexanone
Concen: 1.099 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.01 min
Lab File: VU039373.D
Acq: 09 Jul 2020 02:21

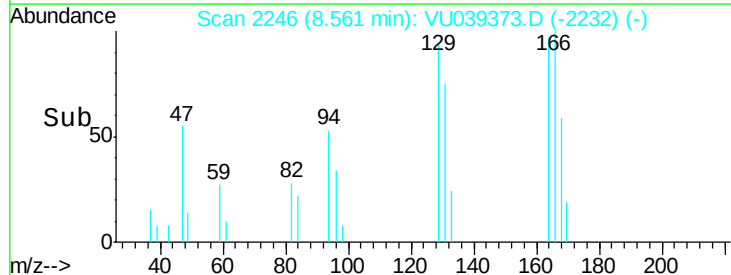
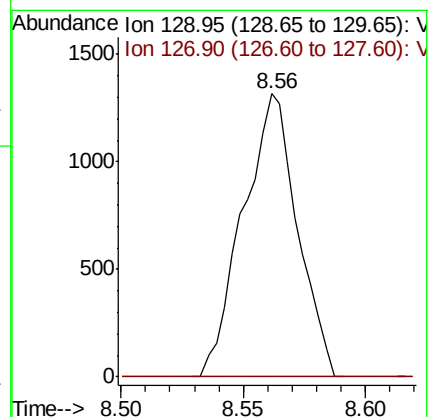
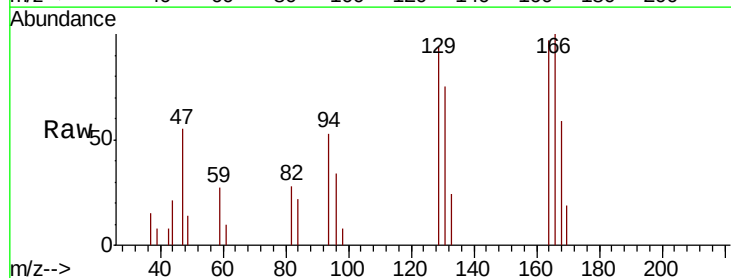
Instrument :
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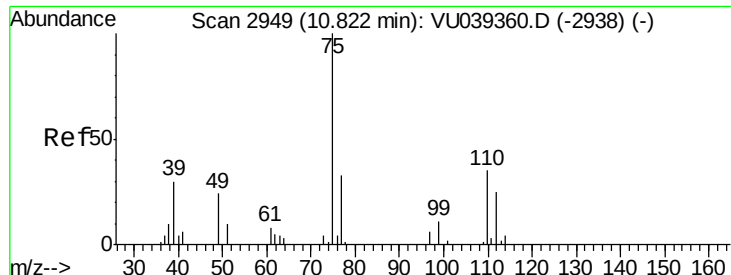
Tot Ion: 43 Resp: 5085
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 19.1 14.0 21.0
100 1.9 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.311 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU039373.D
Acq: 09 Jul 2020 02:21

Tgt Ion: 129 Resp: 2034
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.244 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039373.D

Acq: 09 Jul 2020 02:21

Instrument :

MSVOA_U

ClientSampleId :

F4A84

Tot Ion: 75 Resp: 6897

Ion Ratio Lower Upper

75 100

77 38.9 26.8 40.2

