

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039366.D
 Acq On : 08 Jul 2020 23:39
 Operator : SY/MD
 Sample : L3243-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A72

Quant Time: Jul 09 05:52:31 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	6.26	114	100003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94750	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28906	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.92	69	31957	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.58	63	44459	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.66	46	157623	59.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.88%
24) Chloroform-d	5.08	84	67116	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.72	65	45389	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.75	84	133741	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.70	67	46236	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.91	98	116795	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
43) trans-1,3-Dichloropropene-	8.19	79	18488	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.64	63	112748	53.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.42%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43771	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46891	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

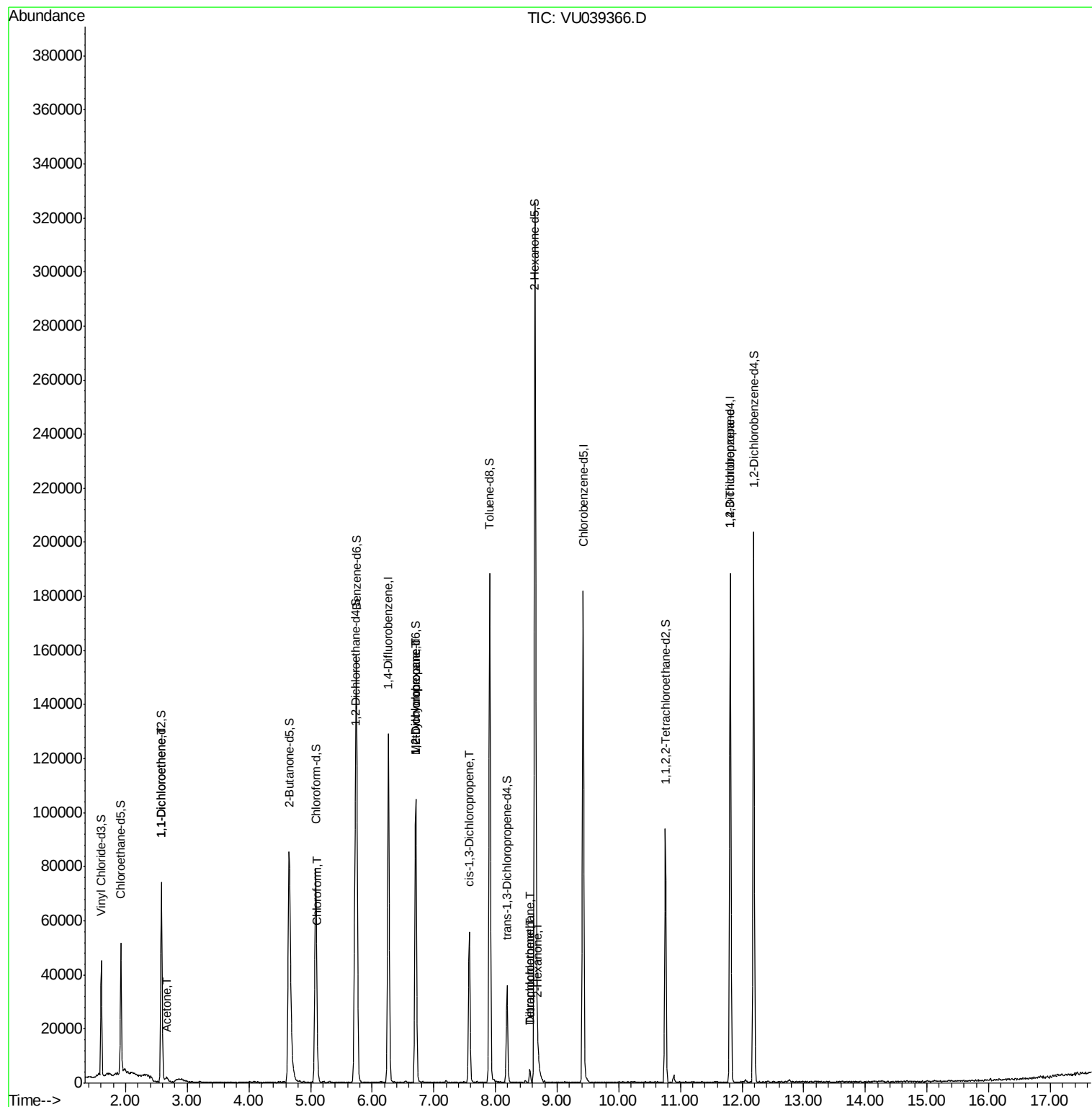
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	391	0.066	ug/L #	1
13) Acetone	2.66	43	3319	2.319	ug/L	66
25) Chloroform	5.11	83	4548	0.350	ug/L	95
35) Methylcyclohexane	6.71	83	10061	0.858	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5077	0.657	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1569	0.134	ug/L #	67
47) Tetrachloroethene	8.56	164	908	0.178	ug/L	89
48) 2-Hexanone	8.70	43	5769	1.215	ug/L #	83
49) Dibromochloromethane	8.56	129	942	0.140	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6484	1.139	ug/L	89

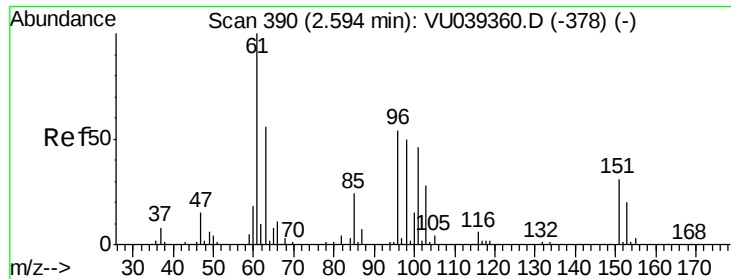
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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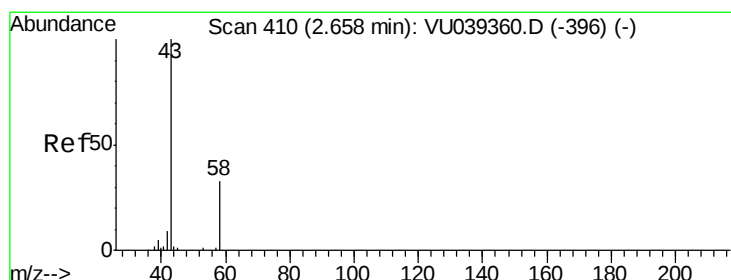
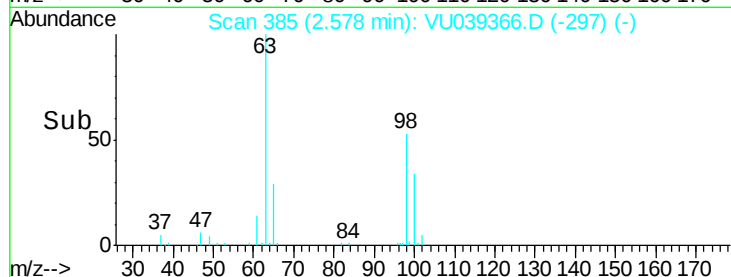
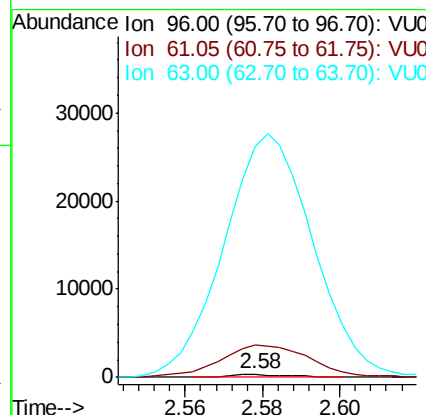
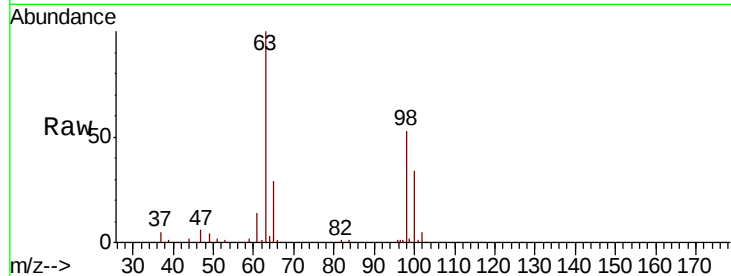




#12
 1,1-Dichloroethene
 Concen: 0.066 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU039366.D
 Acq: 08 Jul 2020 23:39

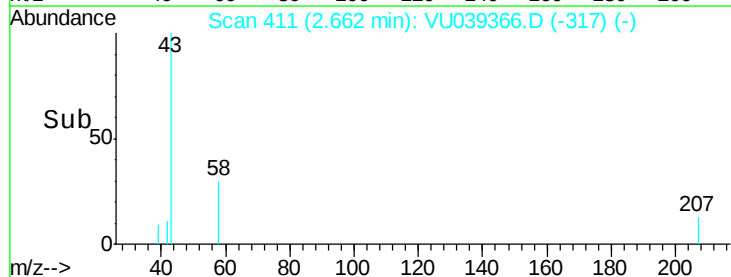
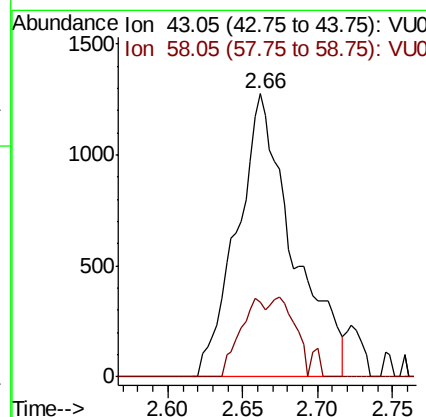
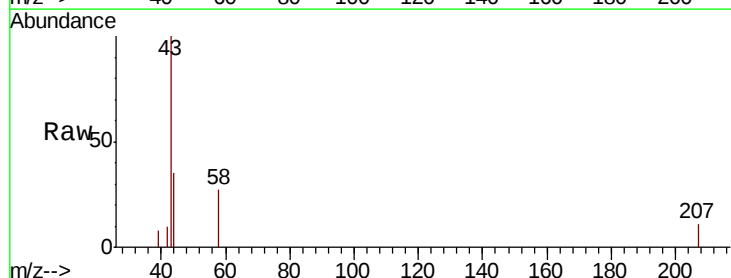
Instrument :
 MSVOA_U
 ClientSampleId :
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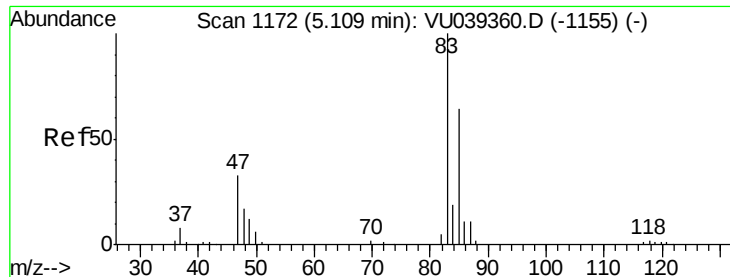
Tot Ion: 96 Resp: 391
 Ion Ratio Lower Upper
 96 100
 61 925.9 125.4 232.8#
 63 6732.3 92.7 172.3#



#13
 Acetone
 Concen: 2.319 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: VU039366.D
 Acq: 08 Jul 2020 23:39

Tgt Ion: 43 Resp: 3319
 Ion Ratio Lower Upper
 43 100
 58 12.5 0.0 62.8

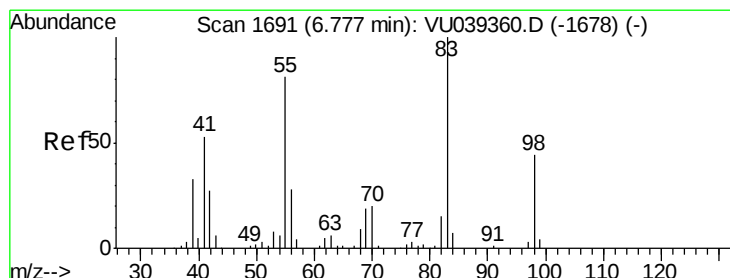
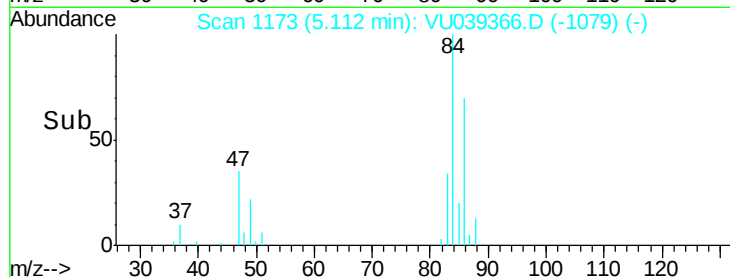
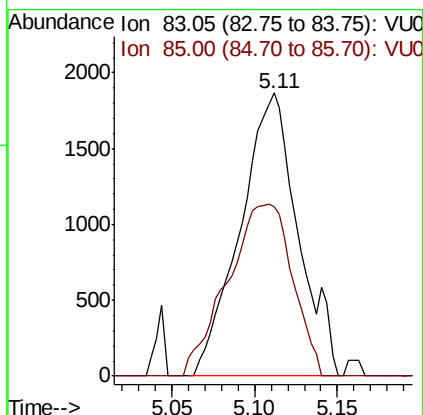
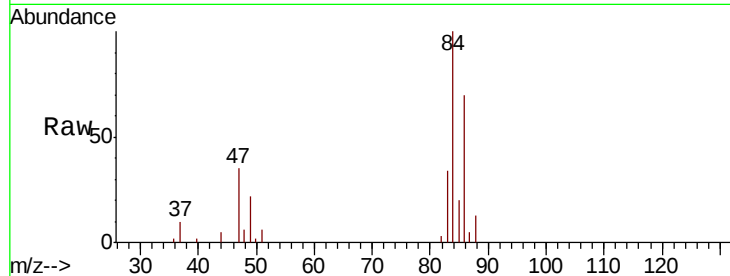




#25
Chloroform
Concen: 0.350 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039366.D
Acq: 08 Jul 2020 23:39

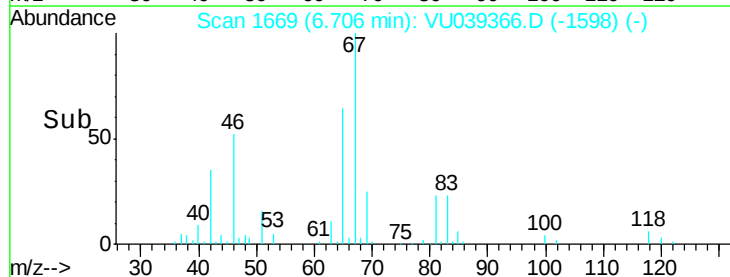
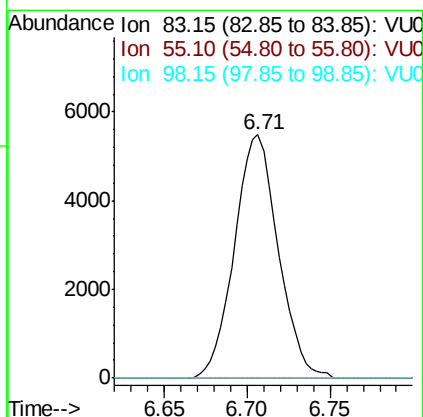
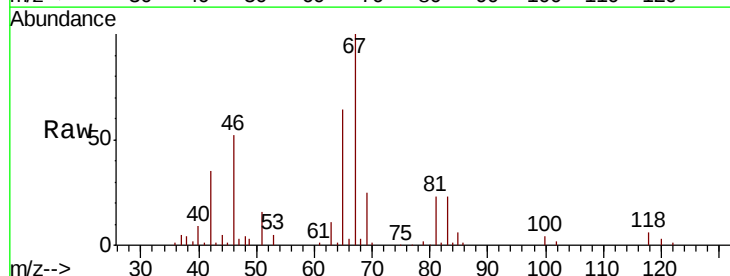
Instrument :
MSVOA_U
ClientSampleId :
F4A72

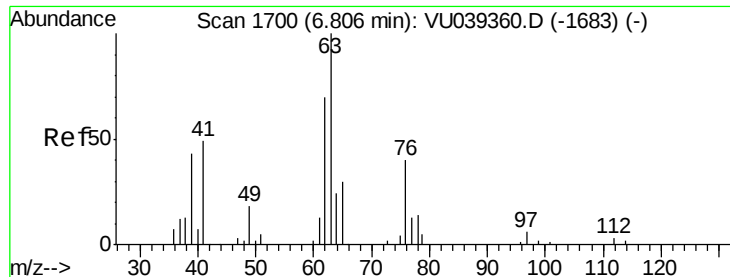
Tot Ion: 83 Resp: 4548
Ion Ratio Lower Upper
83 100
85 60.0 44.9 83.5



#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039366.D
Acq: 08 Jul 2020 23:39

Tgt Ion: 83 Resp: 10061
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

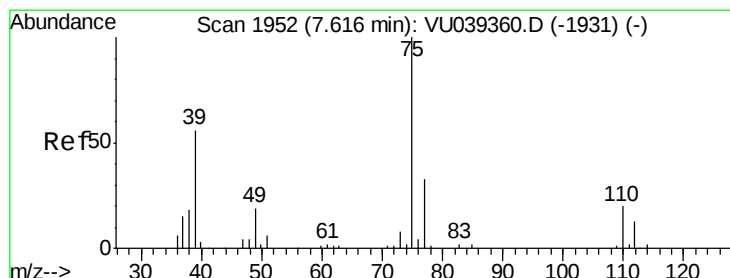
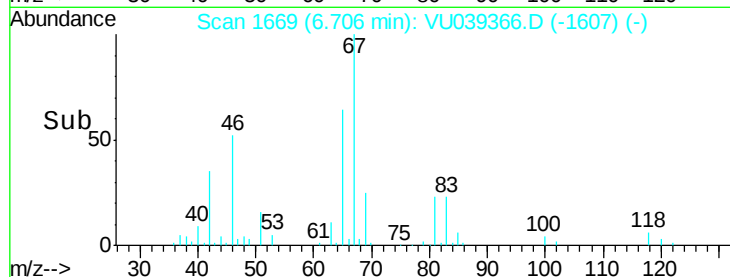
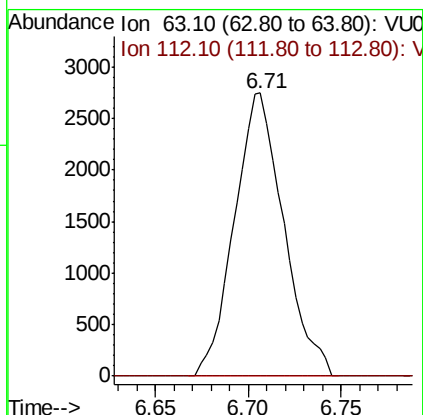
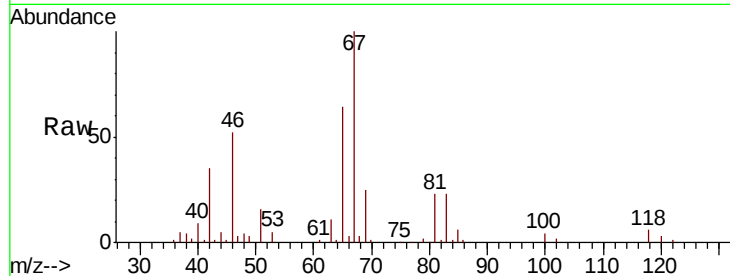




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039366.D
 Acq: 08 Jul 2020 23:39

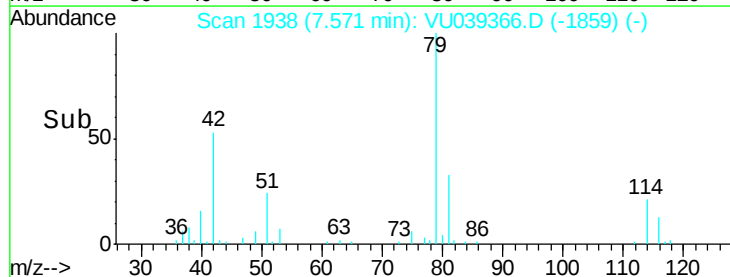
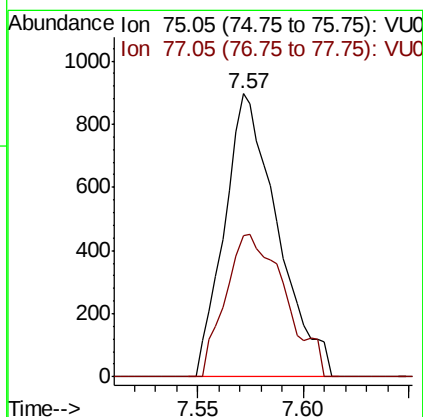
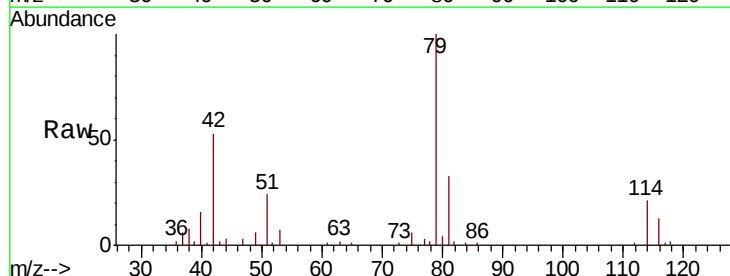
Instrument :
 MSVOA_U
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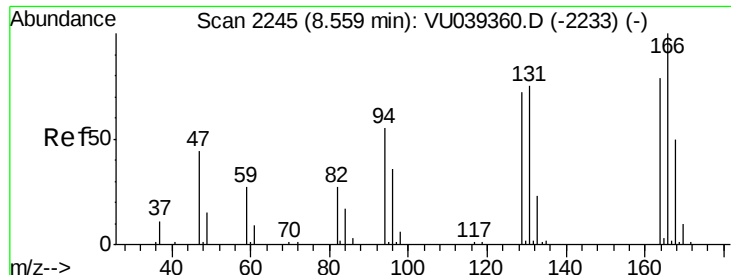
Tot Ion: 63 Resp: 5077
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039366.D
 Acq: 08 Jul 2020 23:39

Tgt Ion: 75 Resp: 1569
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.3 41.3#

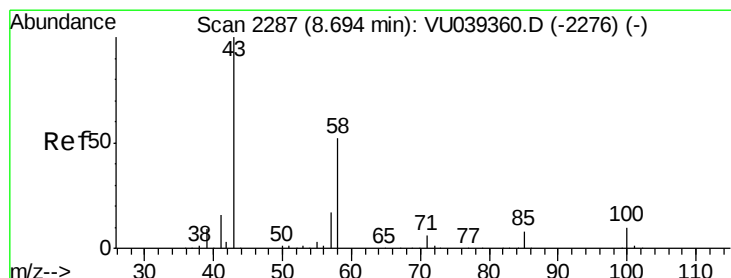
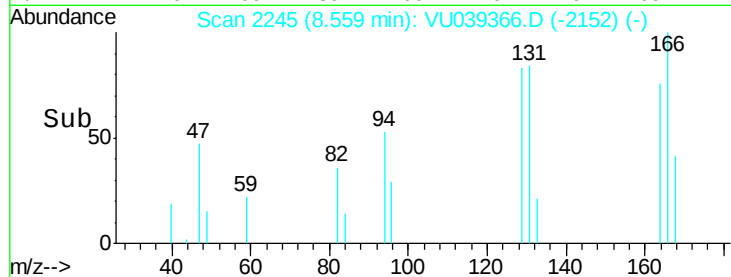
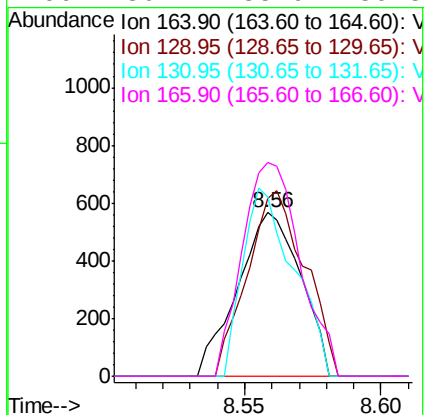
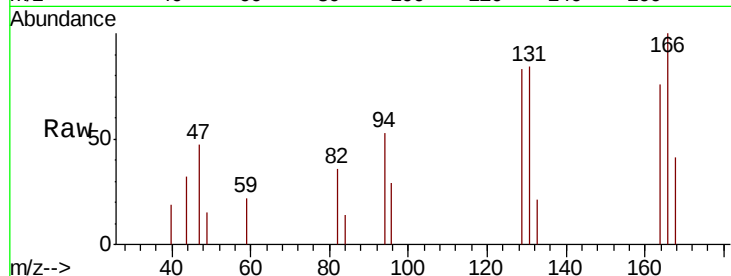




#47
Tetrachloroethene
Concen: 0.178 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039366.D
Acq: 08 Jul 2020 23:39

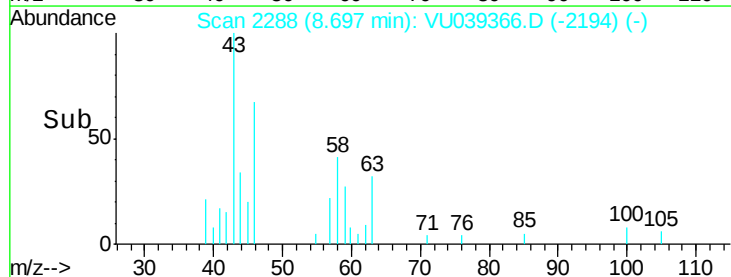
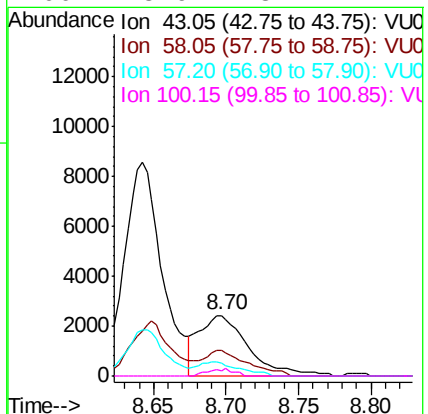
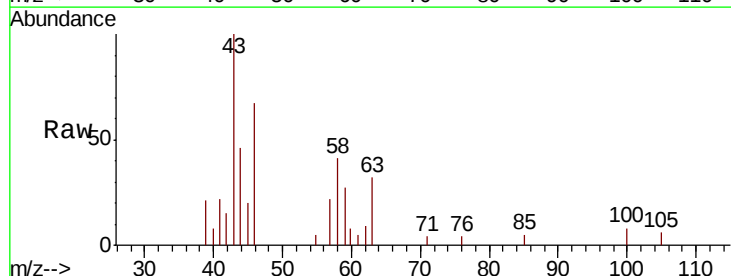
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ClientSampleId :
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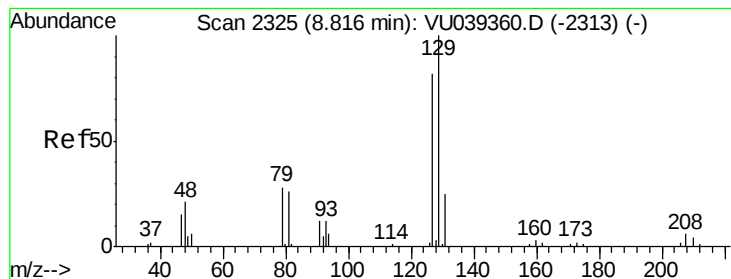
Tot Ion:164 Resp: 908
Ion Ratio Lower Upper
164 100
129 109.0 68.6 127.4
131 110.1 66.4 123.4
166 130.7 85.9 159.5



#48
2-Hexanone
Concen: 1.215 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039366.D
Acq: 08 Jul 2020 23:39

Tgt Ion: 43 Resp: 5769
Ion Ratio Lower Upper
43 100
58 37.4 42.0 63.0#
57 19.8 14.0 21.0
100 5.9 8.2 12.2#





#49

Dibromochloromethane

Concen: 0.140 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. -0.25 min

Lab File: VU039366.D

Acq: 08 Jul 2020 23:39

Instrument :

MSVOA_U

ClientSampleId :

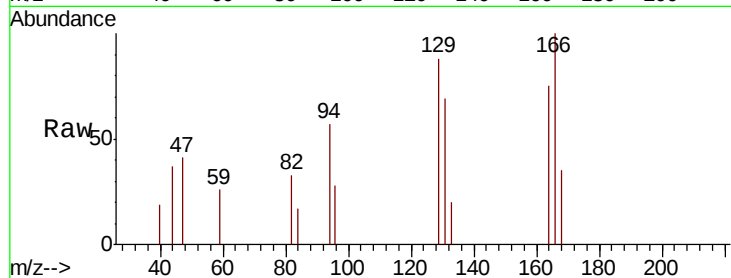
F4A72

Tot Ion:129 Resp: 942

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

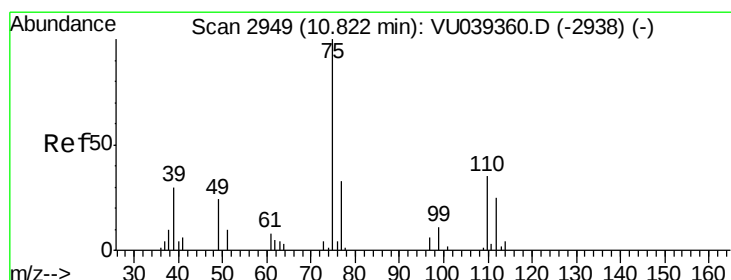
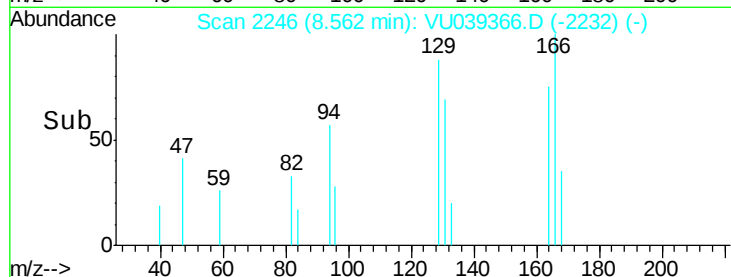
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.139 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039366.D

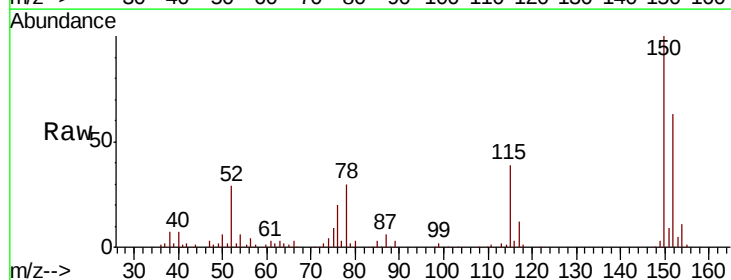
Acq: 08 Jul 2020 23:39

Tgt Ion: 75 Resp: 6484

Ion Ratio Lower Upper

75 100

77 39.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

4000

3000

2000

1000

0

Time-->

