

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039458.D
 Acq On : 11 Jul 2020 03:10
 Operator : SY/MD
 Sample : L3268-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:03:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 05:00:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	89276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	84860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18260	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.92	69	24557	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.58	63	29133	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.65	46	137688	58.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.32%
24) Chloroform-d	5.09	84	52994	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	36080	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.75	84	99346	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.71	67	36153	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	84767	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.19	79	13582	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	95800	50.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35163	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35482	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

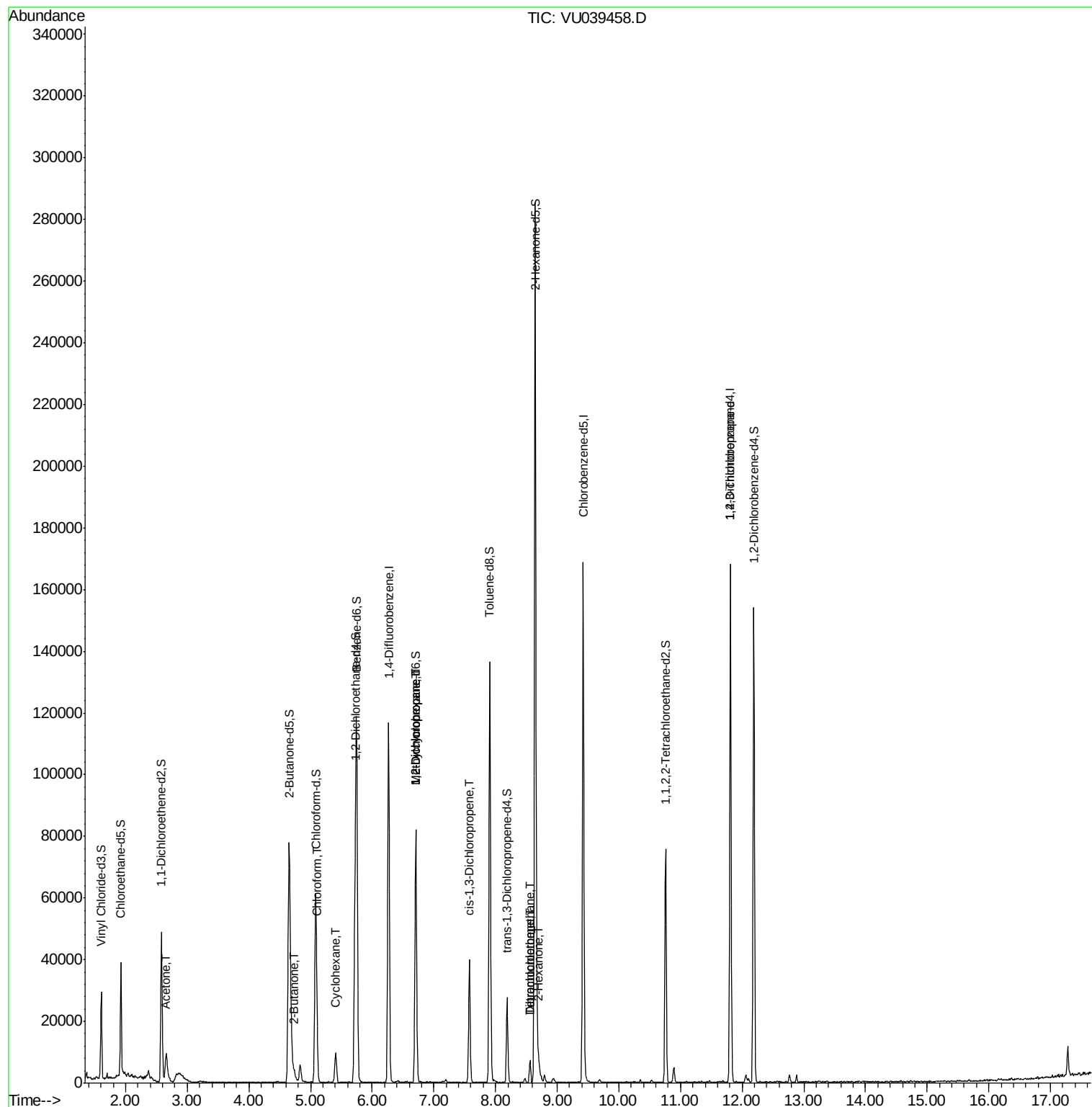
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	16068	12.574	ug/L	96
21) 2-Butanone	4.74	43	2962	1.299	ug/L	77
25) Chloroform	5.11	83	2509	0.216	ug/L	81
30) Cyclohexane	5.41	56	4851	0.461	ug/L #	91
35) Methylcyclohexane	6.71	83	7931	0.755	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4290	0.620	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1219	0.117	ug/L #	59
47) Tetrachloroethene	8.56	164	1433	0.314	ug/L	96
48) 2-Hexanone	8.70	43	4744	1.115	ug/L #	90
49) Dibromochloromethane	8.56	129	1329	0.221	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6200	1.216	ug/L	94

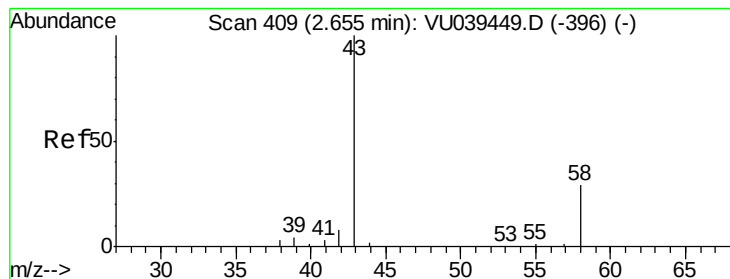
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.574 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU039458.D

Acq: 11 Jul 2020 03:10

Instrument :

MSVOA_U

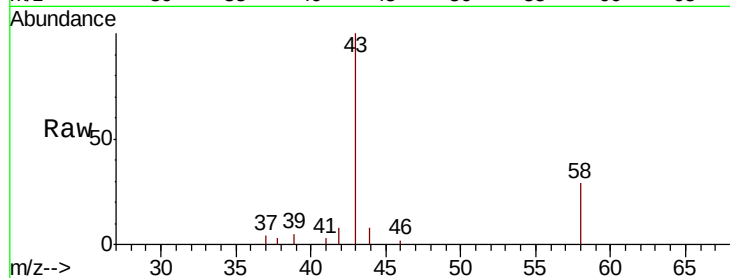
ClientSampled :

Tot Ion: 43 Resp: 16068

Ion Ratio Lower Upper

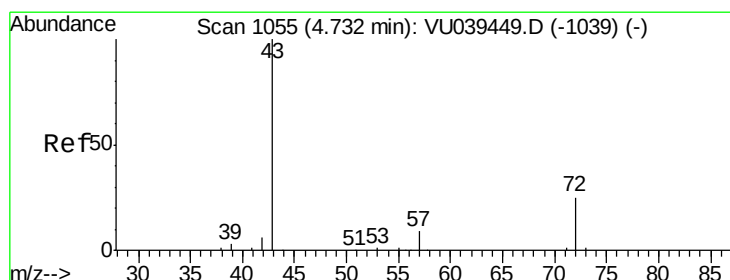
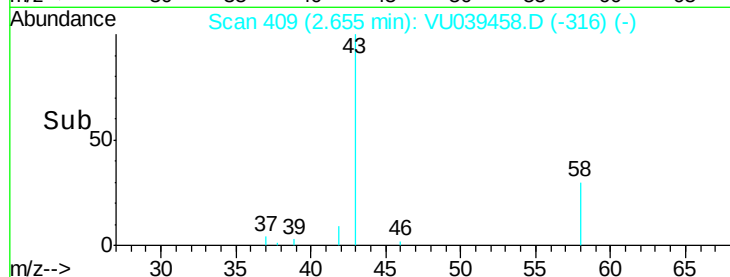
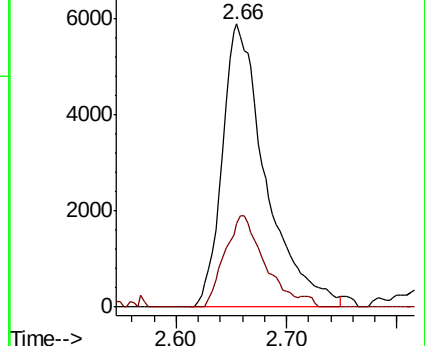
43 100

58 29.1 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039458.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU039458.D (-316) (-)



#21

2-Butanone

Concen: 1.299 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039458.D

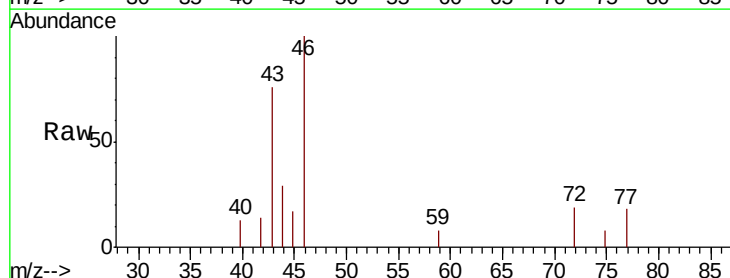
Acq: 11 Jul 2020 03:10

Tgt Ion: 43 Resp: 2962

Ion Ratio Lower Upper

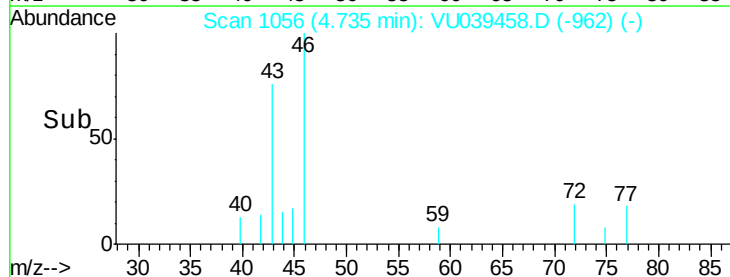
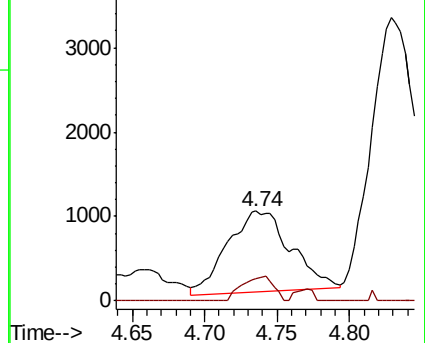
43 100

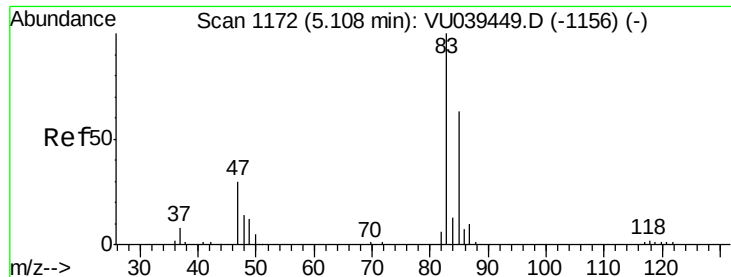
72 14.7 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039458.D (-962) (-)

Ion 72.10 (71.80 to 72.80): VU039458.D (-962) (-)

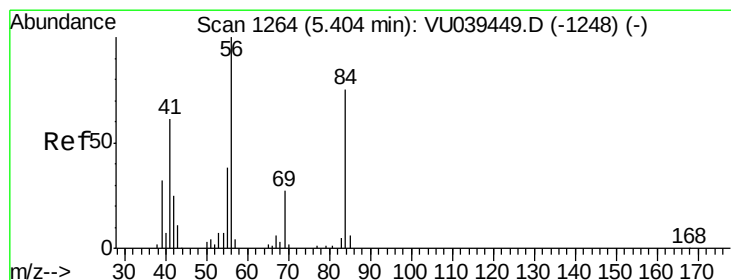
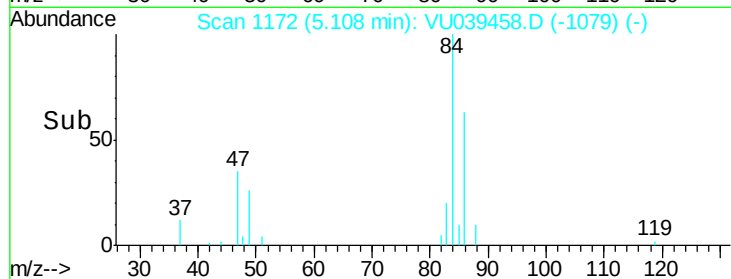
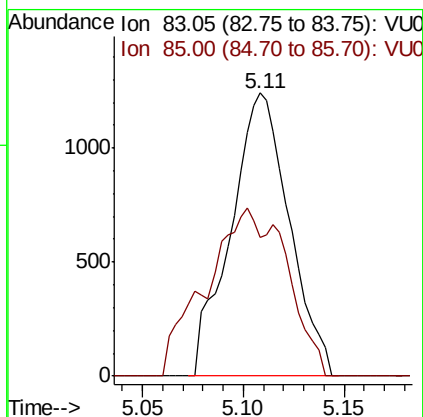
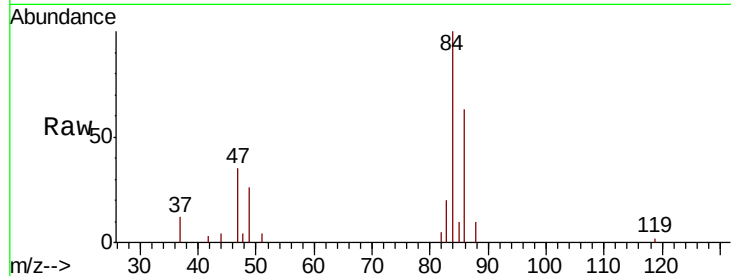




#25
Chloroform
Concen: 0.216 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039458.D
Acq: 11 Jul 2020 03:10

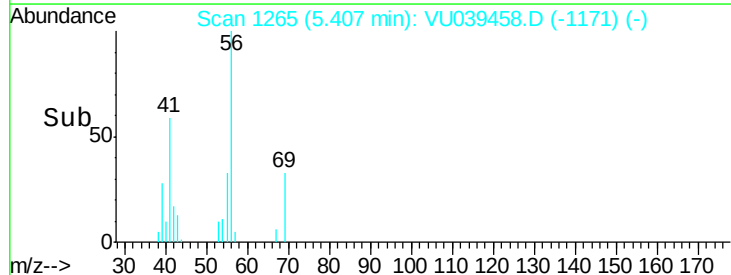
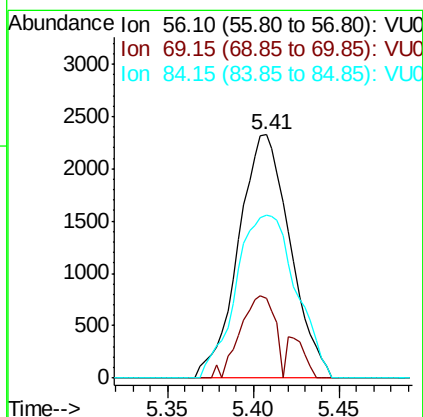
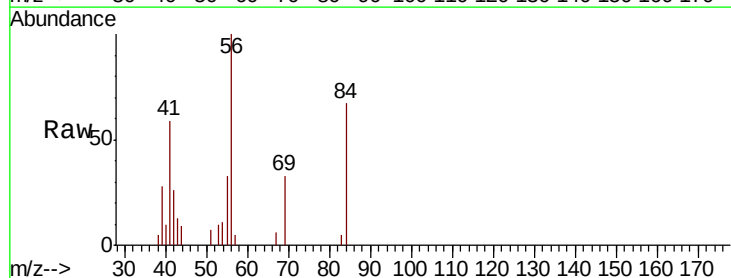
Instrument :
MSVOA_U
ClientSampleId :

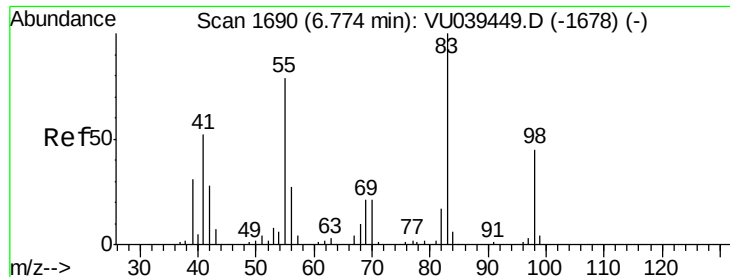
Tot Ion: 83 Resp: 2509
Ion Ratio Lower Upper
83 100
85 49.1 44.9 83.5



#30
Cyclohexane
Concen: 0.461 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039458.D
Acq: 11 Jul 2020 03:10

Tgt Ion: 56 Resp: 4851
Ion Ratio Lower Upper
56 100
69 22.6 24.1 36.1#
84 77.6 67.0 100.6

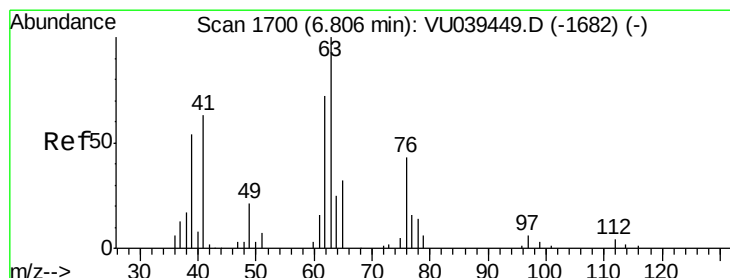
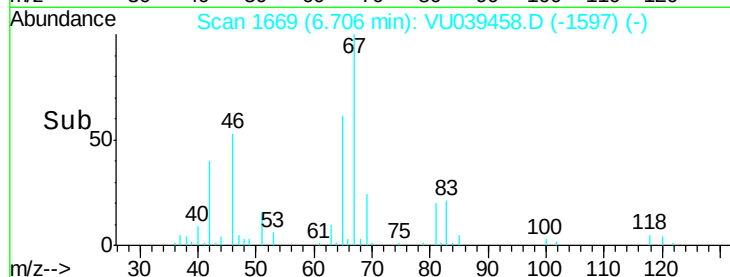
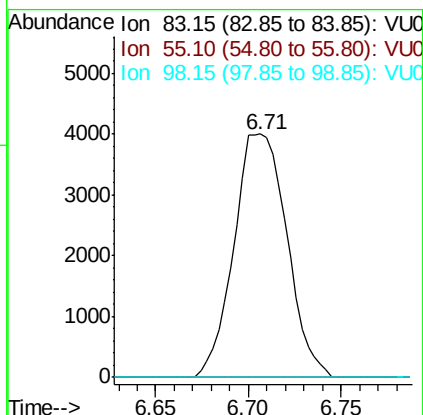
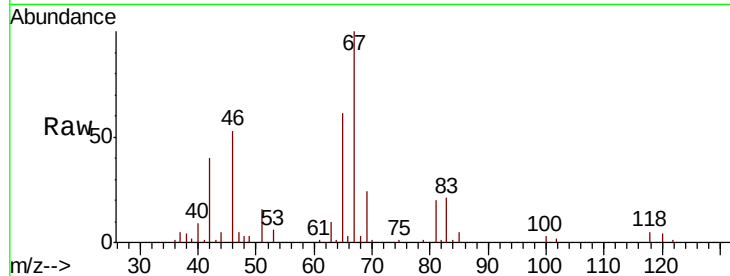




#35
Methylvlcyclohexane
Concen: 0.755 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039458.D
Acq: 11 Jul 2020 03:10

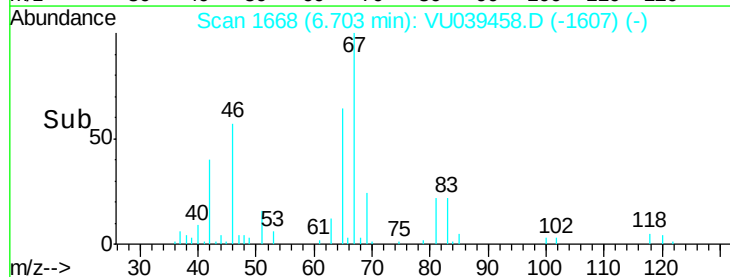
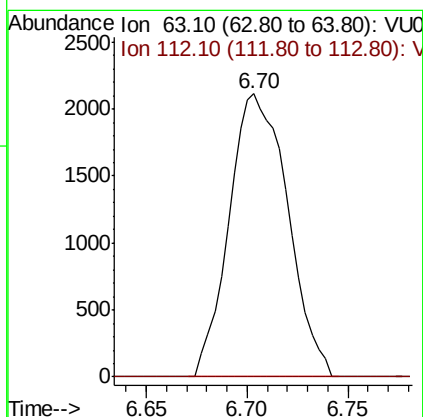
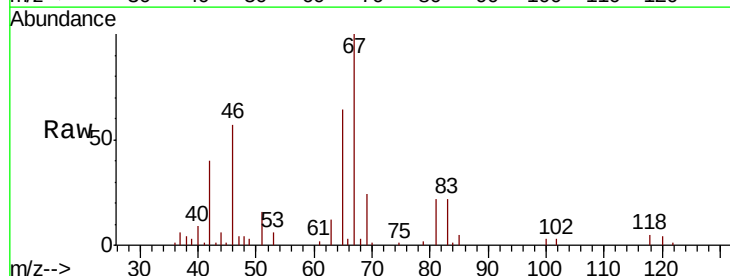
Instrument :
MSVOA_U
ClientSampleId :

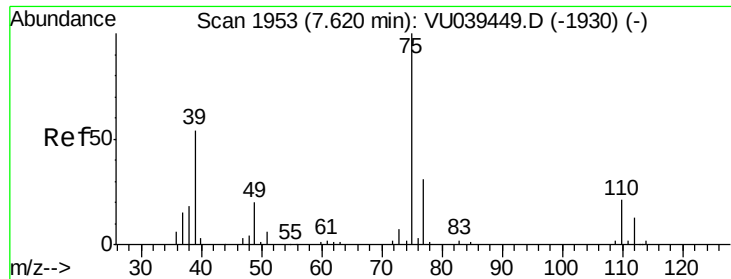
Tot Ion: 83 Resp: 7931
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.3 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039458.D
Acq: 11 Jul 2020 03:10

Tgt Ion: 63 Resp: 4290
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

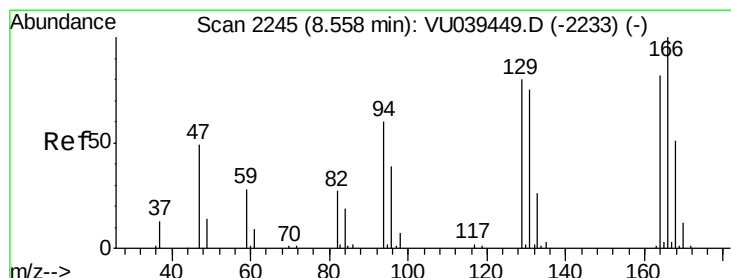
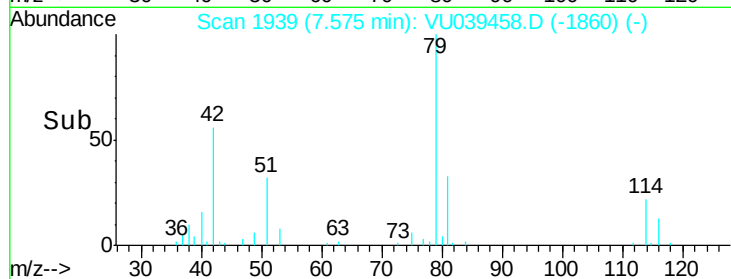
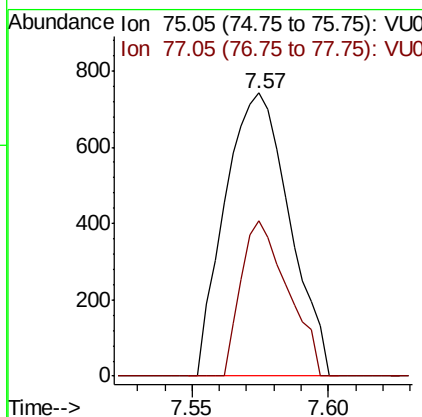
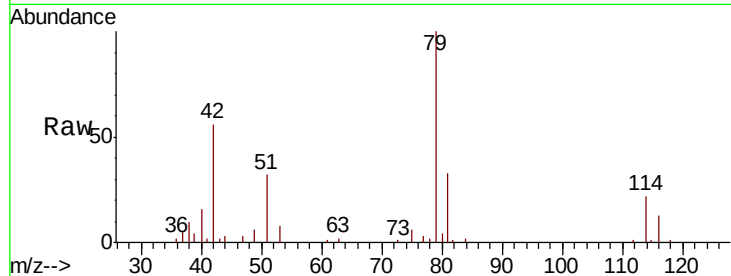




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039458.D
 Acq: 11 Jul 2020 03:10

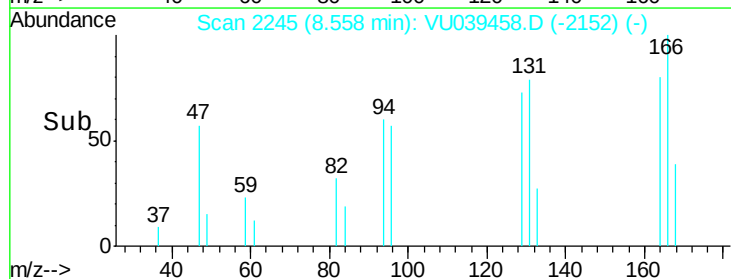
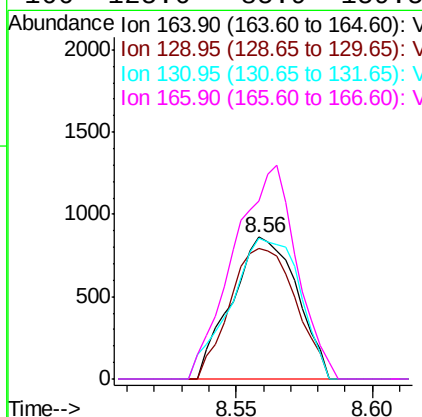
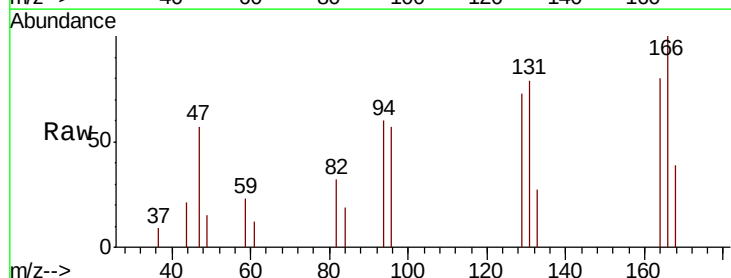
Instrument :
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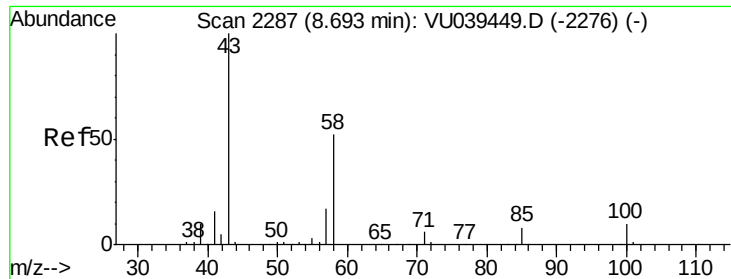
Tot Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.314 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU039458.D
 Acq: 11 Jul 2020 03:10

Tgt Ion:164 Resp: 1433
 Ion Ratio Lower Upper
 164 100
 129 91.8 68.6 127.4
 131 98.7 66.4 123.4
 166 125.6 85.9 159.5

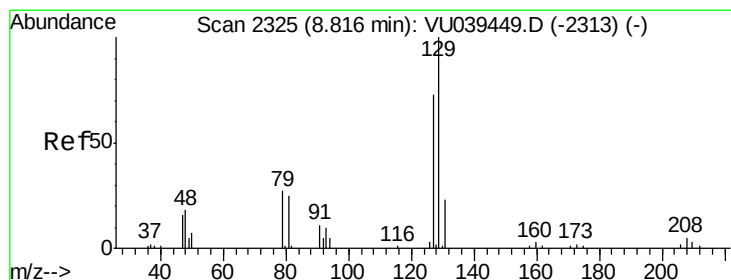
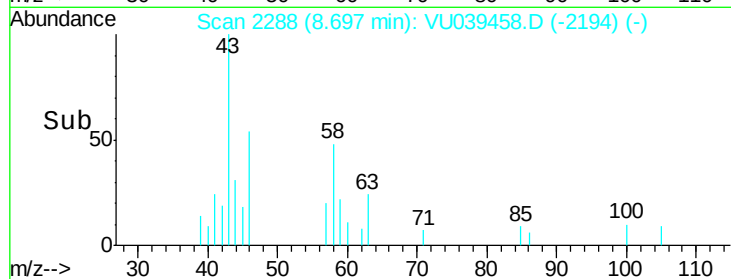
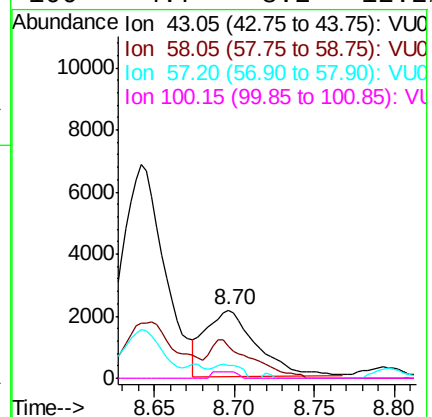
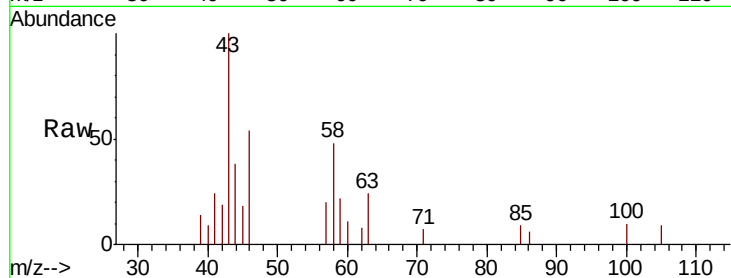




#48
2-Hexanone
Concen: 1.115 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039458.D
Acq: 11 Jul 2020 03:10

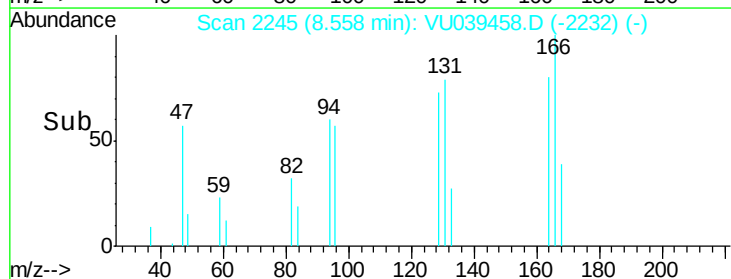
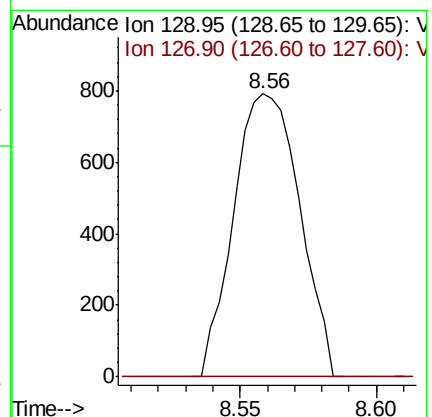
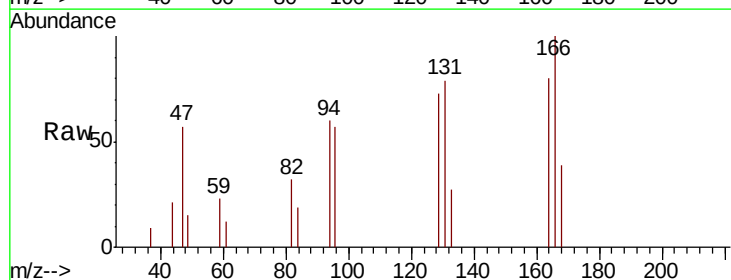
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ClientSampleId :

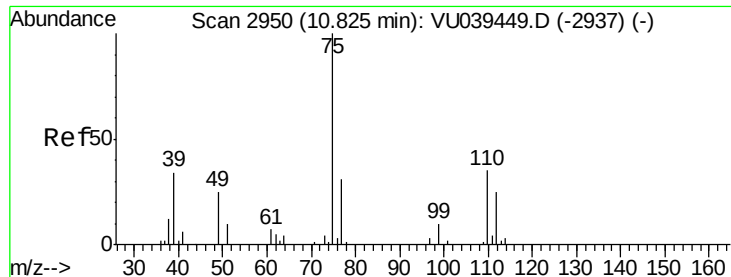
Tot Ion: 43 Resp: 4744
Ion Ratio Lower Upper
43 100
58 46.8 42.0 63.0
57 11.2 14.0 21.0#
100 4.7 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.221 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039458.D
Acq: 11 Jul 2020 03:10

Tgt Ion: 129 Resp: 1329
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039458.D

Acq: 11 Jul 2020 03:10

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6200

Ion Ratio Lower Upper

75 100

77 37.1 26.8 40.2

