

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039908.D
 Acq On : 19 Aug 2020 15:15
 Operator : SY/MD
 Sample : L3701-02DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLTx1DL

Quant Time: Aug 20 08:17:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 08:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75191	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31089	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	26290	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	42812	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.67	46	99197	47.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.52%
24) Chloroform-d	5.08	84	54166	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	31236	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.75	84	106850	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	34013	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.91	98	88042	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	12788	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.64	63	72275	45.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28562	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33269	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

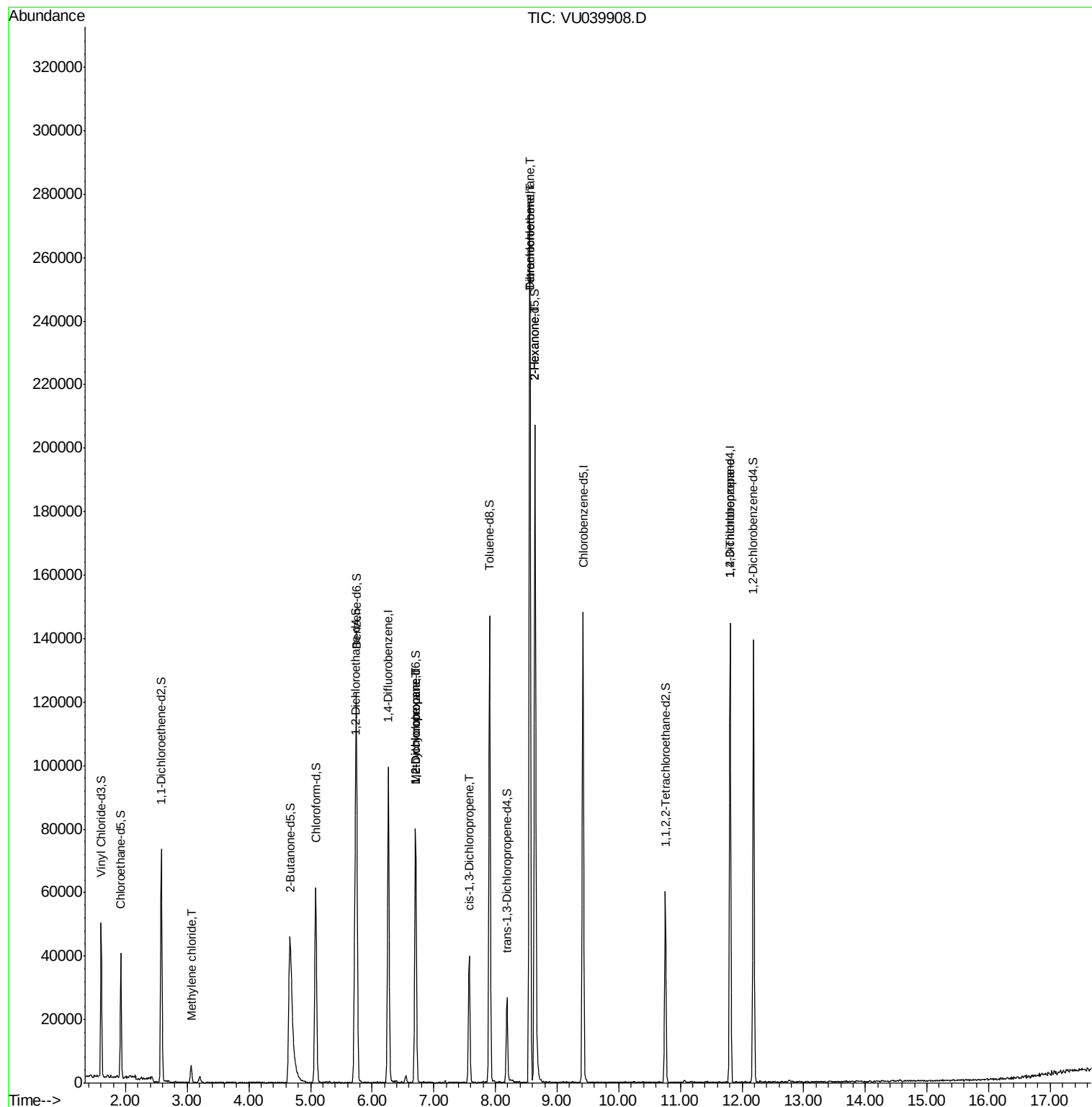
					Ovalue
16) Methylene chloride	3.06	84	2252	0.249 ug/L	82
35) Methylcyclohexane	6.70	83	8284	0.759 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4022	0.551 ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	1163	0.114 ug/L #	72
47) Tetrachloroethene	8.56	164	54348	10.334 ug/L	96
48) 2-Hexanone	8.64	43	9416	2.273 ug/L #	69
49) Dibromochloromethane	8.56	129	53774	8.121 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	4970	0.950 ug/L	99

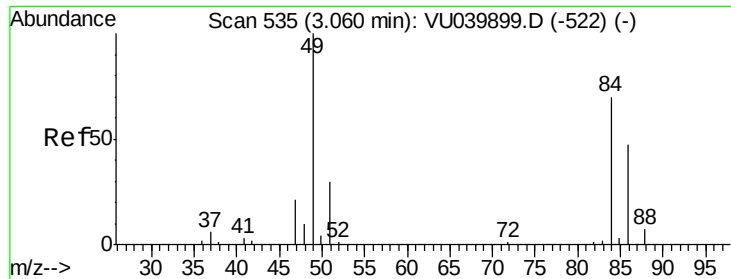
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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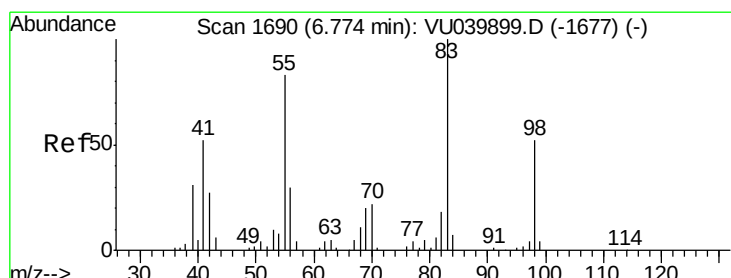
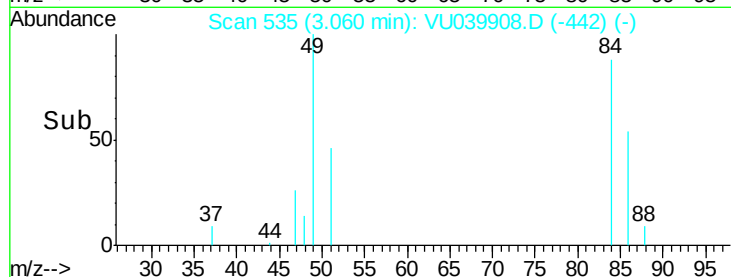
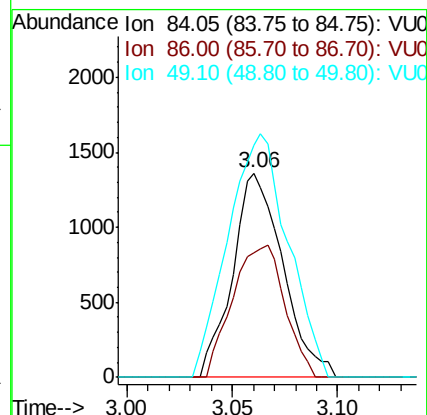
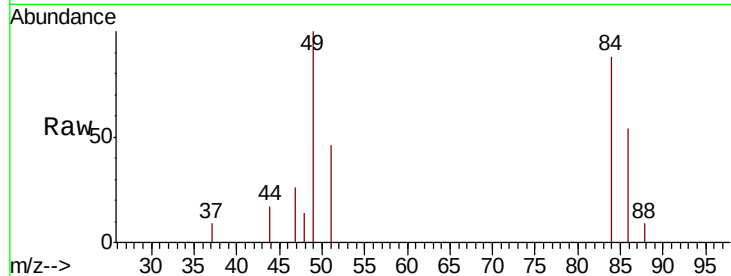




#16
Methylene chloride
Concen: 0.249 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039908.D
Acq: 19 Aug 2020 15:15

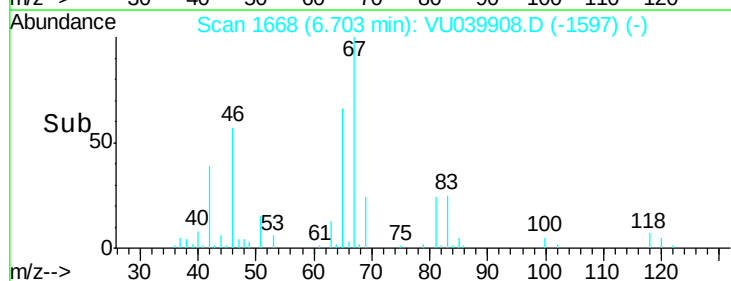
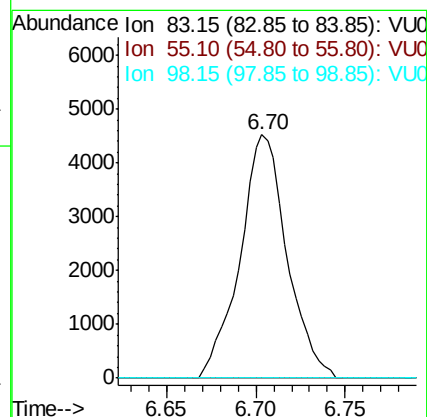
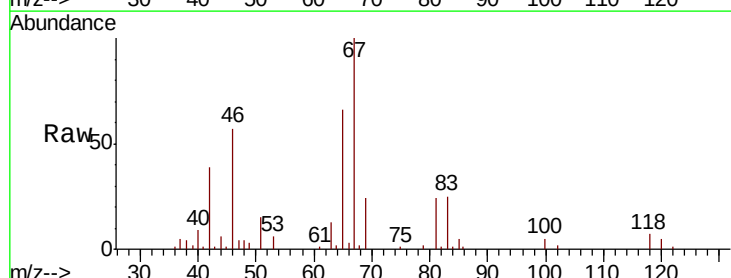
Instrument :
MSVOA_U
ClientSampleId :
JLTX1DL

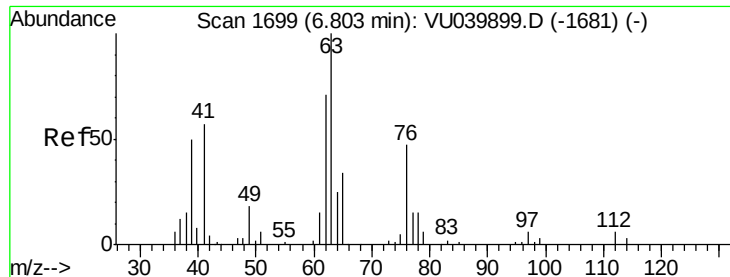
Tot Ion: 84 Resp: 2252
Ion Ratio Lower Upper
84 100
86 61.1 47.2 87.6
49 113.7 99.8 185.4



#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039908.D
Acq: 19 Aug 2020 15:15

Tgt Ion: 83 Resp: 8284
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 1.4 39.4 59.0#

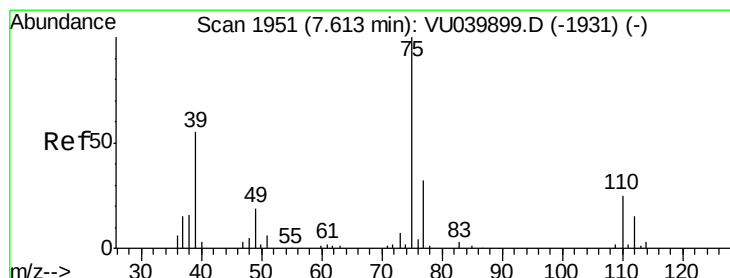
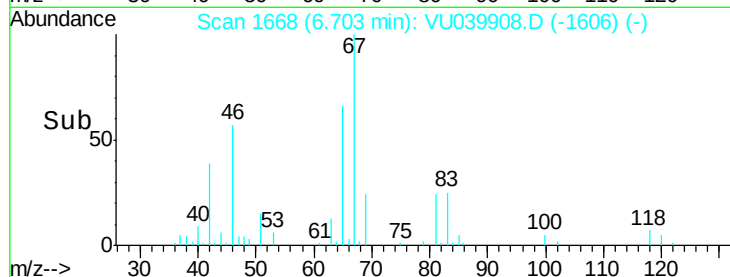
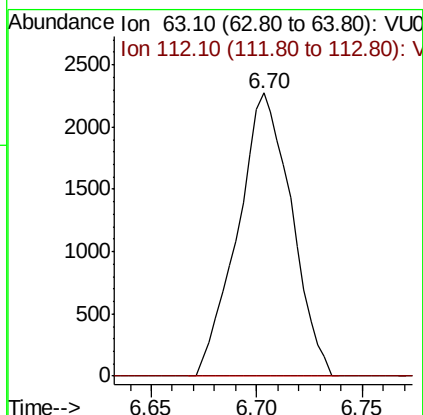
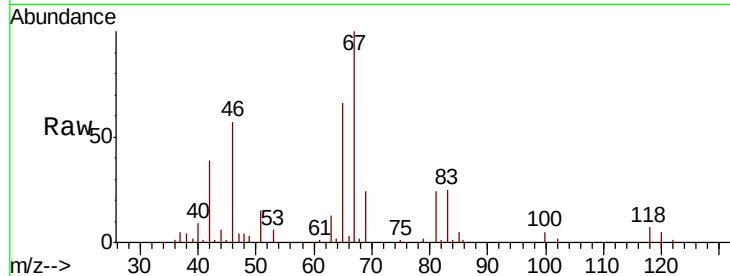




#37
 1,2-Dichloropropane
 Concen: 0.551 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039908.D
 Acq: 19 Aug 2020 15:15

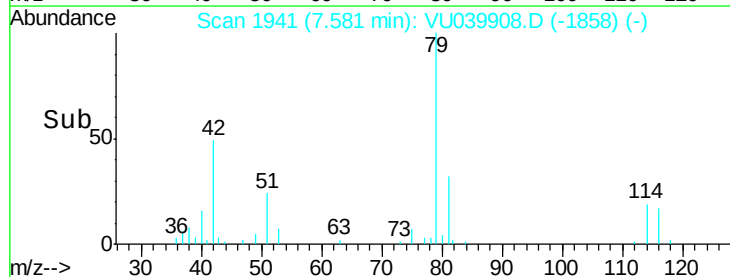
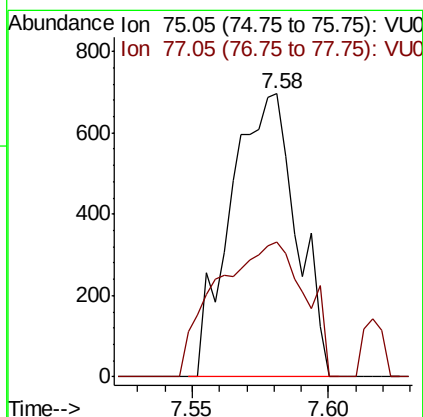
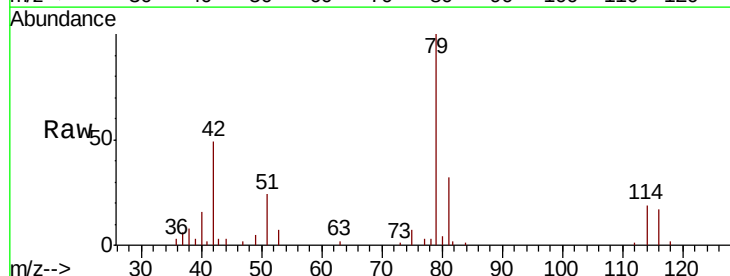
Instrument :
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 JLTx1DL

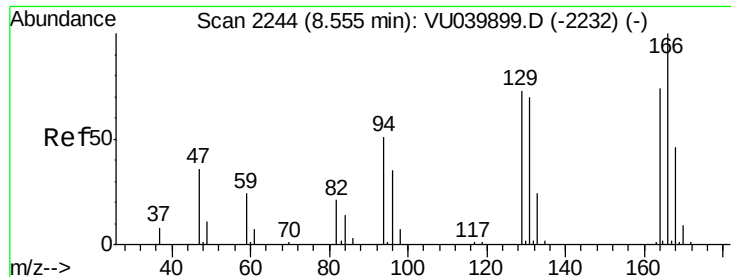
Tot Ion: 63 Resp: 4022
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: VU039908.D
 Acq: 19 Aug 2020 15:15

Tgt Ion: 75 Resp: 1163
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.6 42.0#





#47

Tetrachloroethene

Concen: 10.334 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039908.D

Acq: 19 Aug 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

JLTX1DL

Tot Ion:164 Resp: 54348

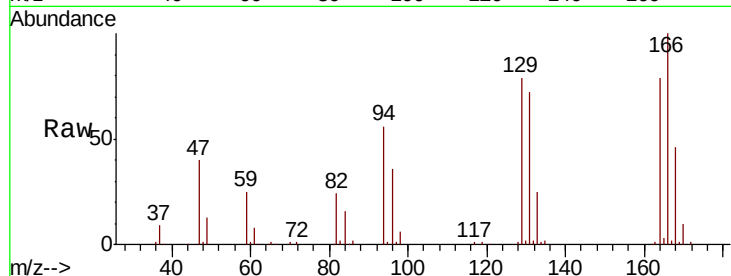
Ion Ratio Lower Upper

164 100

129 99.5 69.1 128.3

131 90.5 66.0 122.6

166 126.2 94.0 174.6

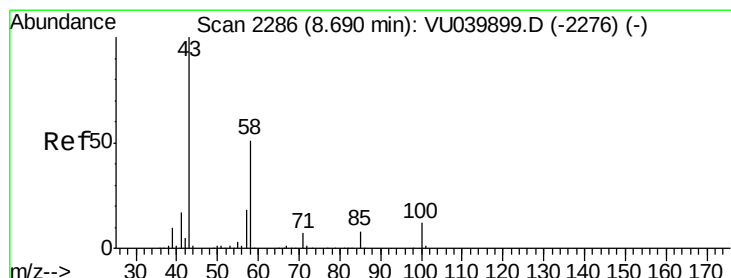
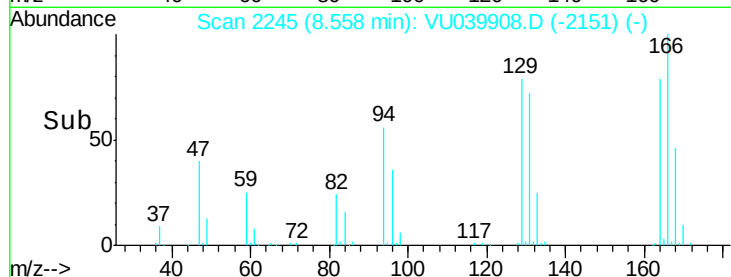
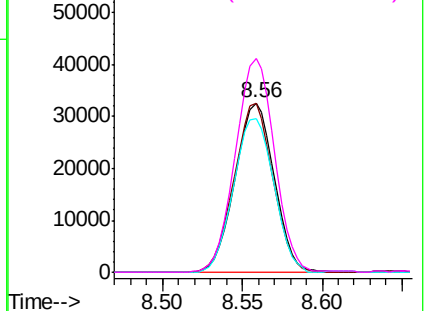


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.273 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU039908.D

Acq: 19 Aug 2020 15:15

Tgt Ion: 43 Resp: 9416

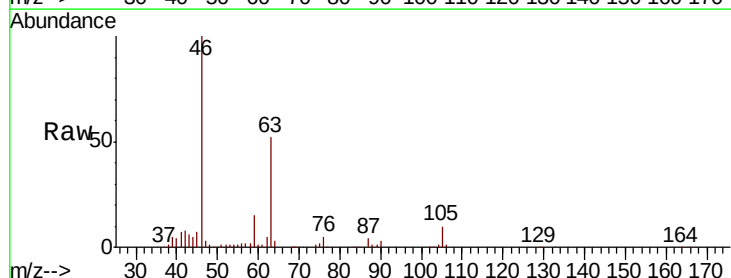
Ion Ratio Lower Upper

43 100

58 26.0 41.3 61.9#

57 24.9 14.1 21.1#

100 0.0 9.1 13.7#

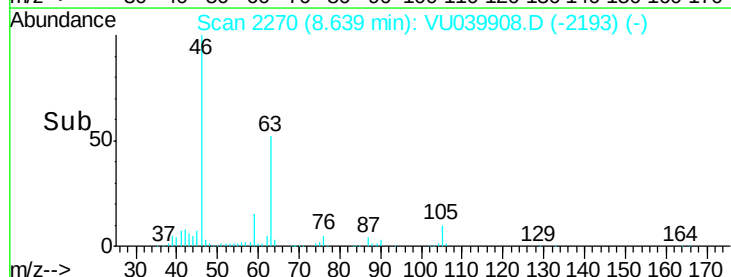
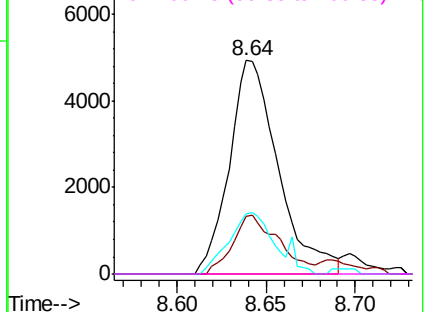


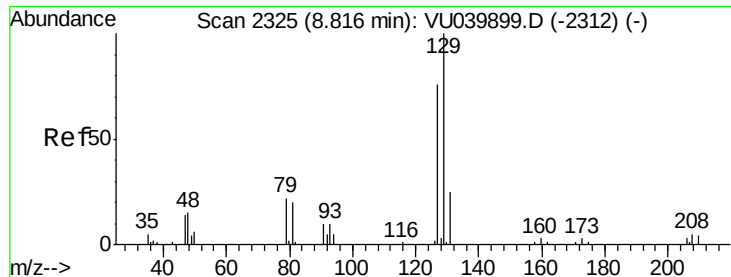
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

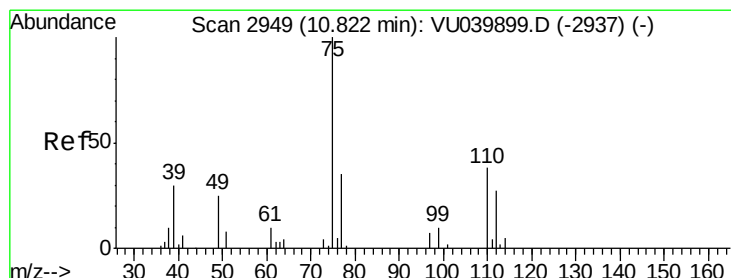
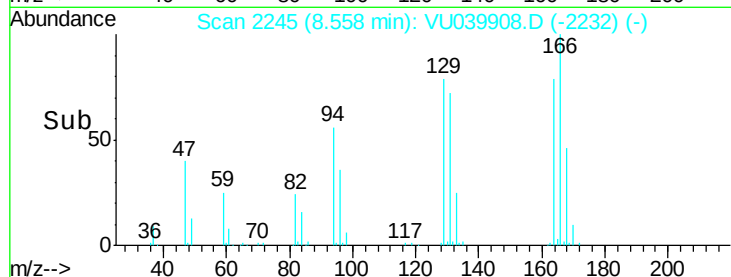
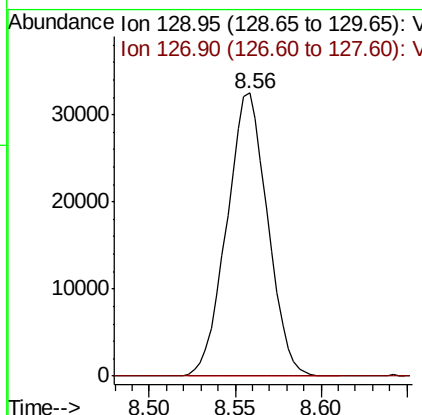
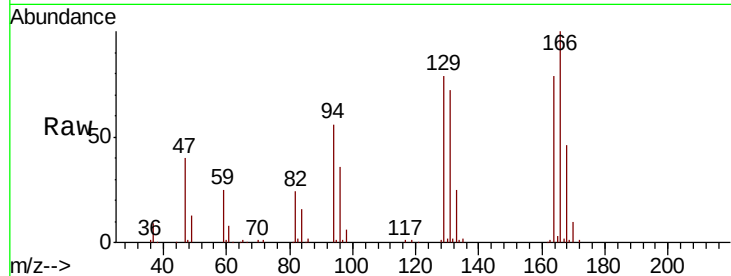




#49
 Dibromochloromethane
 Concen: 8.121 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.26 min
 Lab File: VU039908.D
 Acq: 19 Aug 2020 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 JLTx1DL

Tot Ion:129 Resp: 53774
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.1 98.7#



#59
 1,2,3-Trichloropropane
 Concen: 0.950 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039908.D
 Acq: 19 Aug 2020 15:15

Tgt Ion: 75 Resp: 4970
 Ion Ratio Lower Upper
 75 100
 77 33.7 27.4 41.2

