

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039206.D
 Acq On : 29 Jun 2020 20:59
 Operator : SY/MD
 Sample : L3121-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F39

Quant Time: Jun 30 01:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	209613	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	216487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	54721	2.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.00%
7) Chloroethane-d5	1.93	69	57085	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.59	63	92590	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.67	46	291778	49.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	5.10	84	149387	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.74	65	92779	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	264218	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.72	67	90084	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.92	98	202001	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	8.20	79	28364	2.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.60%
46) 2-Hexanone-d5	8.65	63	214984	47.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	81824	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	86533	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

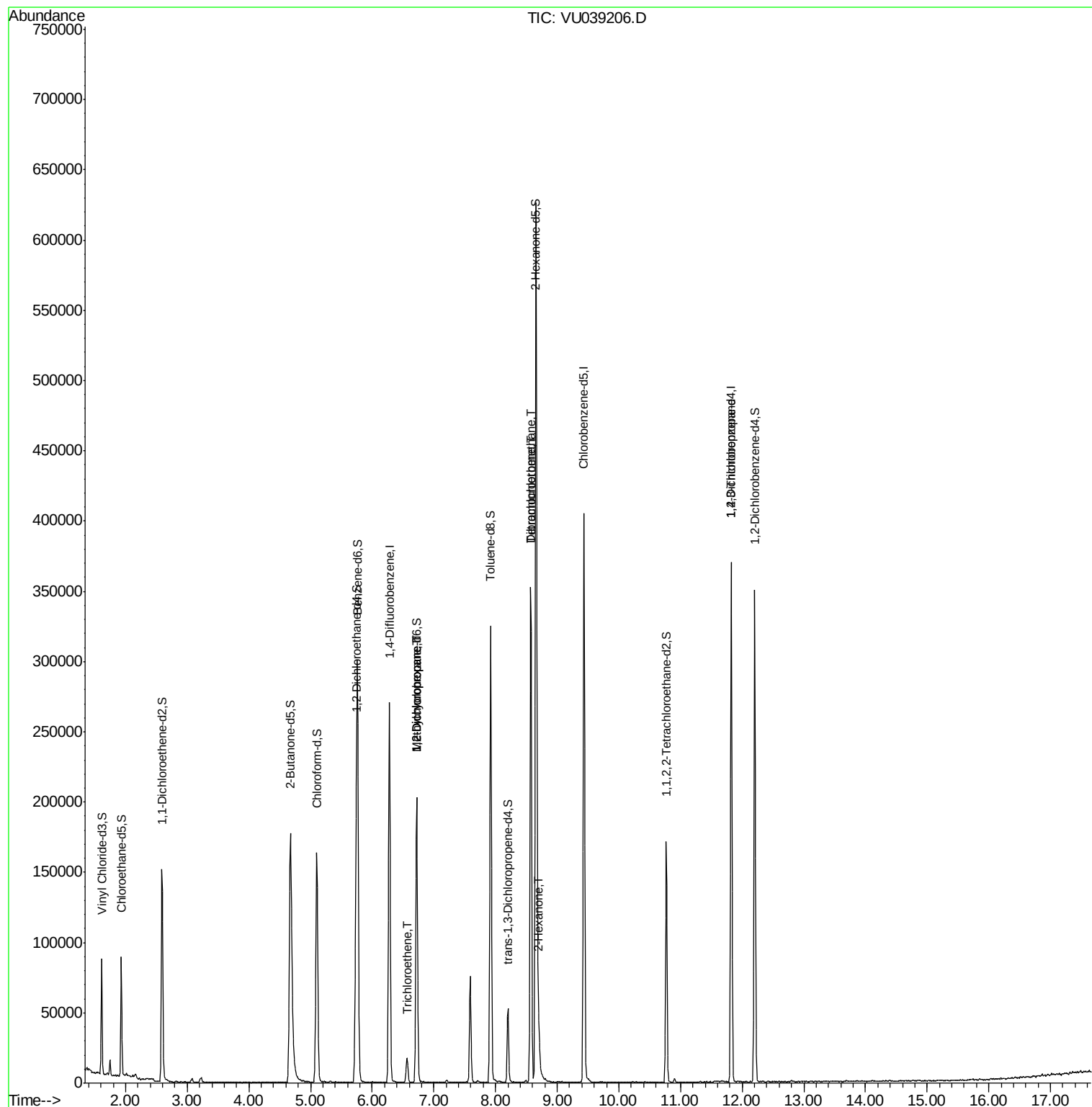
					Ovalue
34) Trichloroethene	6.57	95	4172	0.234 ug/L	95
35) Methylcyclohexane	6.72	83	21886	0.823 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11153	0.602 ug/L #	87
47) Tetrachloroethene	8.57	164	74383	5.798 ug/L	98
48) 2-Hexanone	8.70	43	14846	1.455 ug/L #	81
49) Dibromochloromethane	8.57	129	72266	4.575 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	12344	0.886 ug/L	90

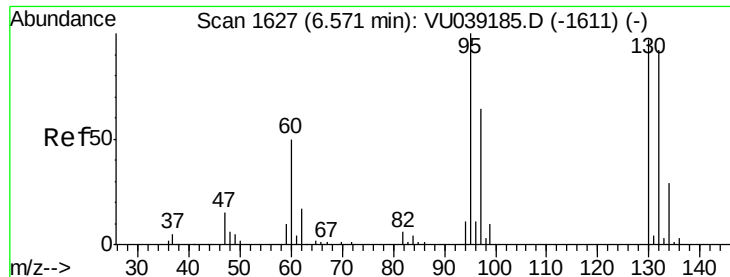
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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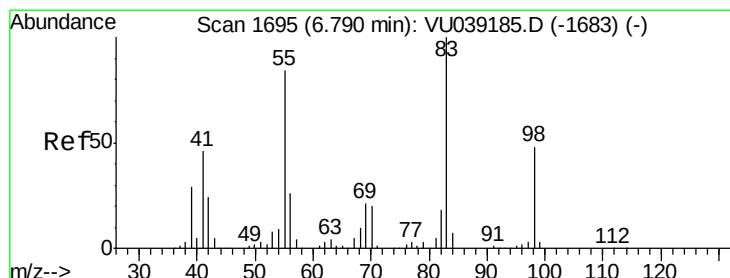
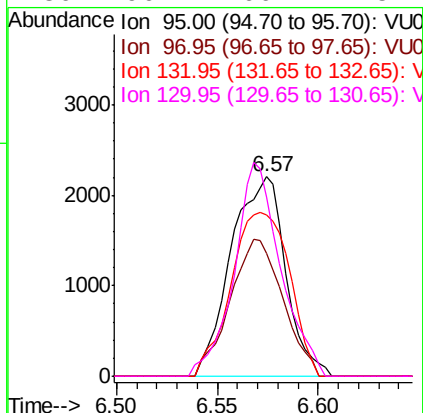
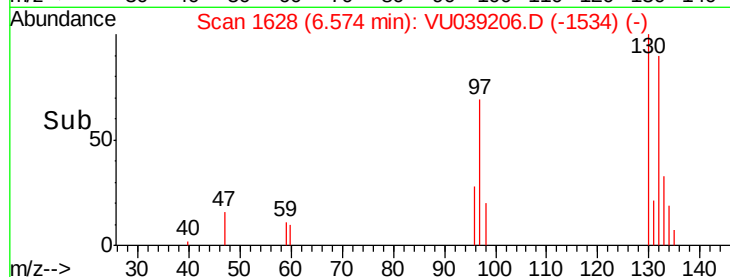
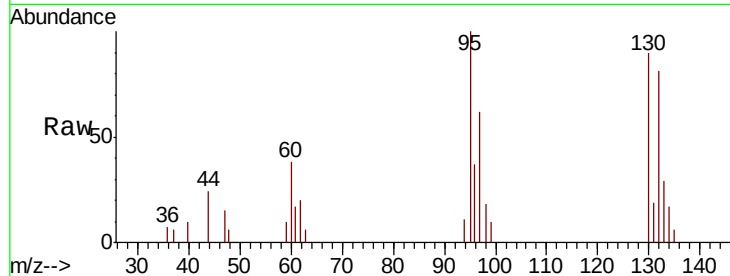




#34
 Trichloroethene
 Concen: 0.234 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU039206.D
 Acq: 29 Jun 2020 20:59

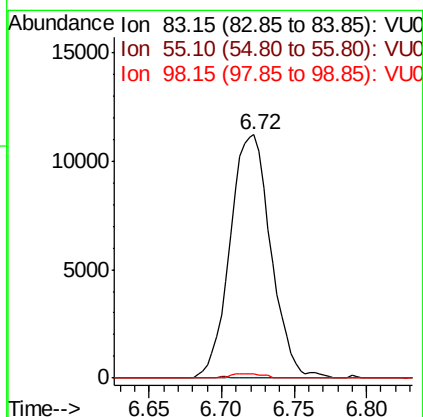
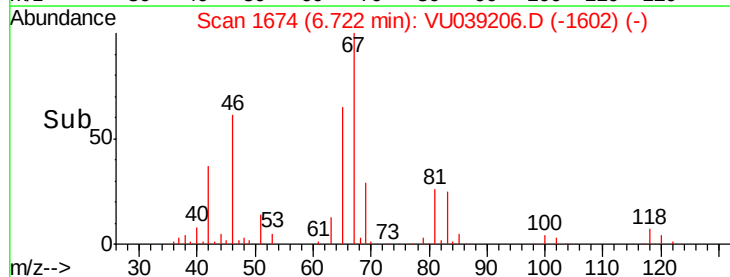
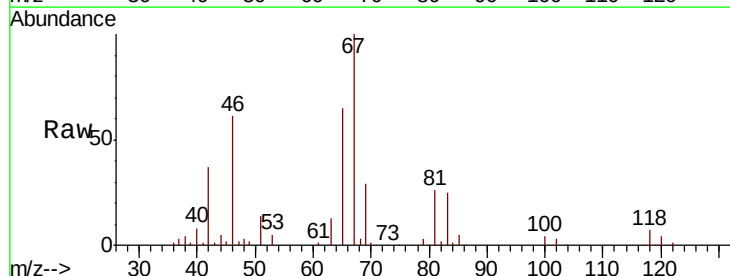
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F39

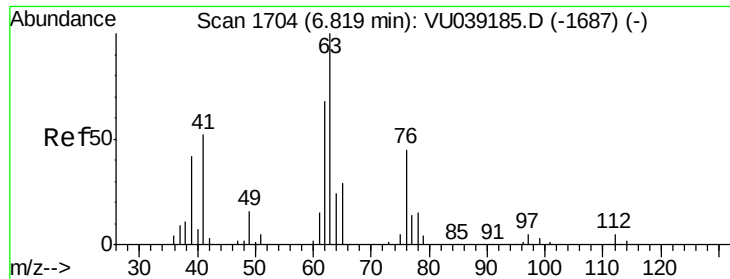
Tot Ion: 95 Resp: 4172
 Ion Ratio Lower Upper
 95 100
 97 61.8 44.0 81.8
 132 80.7 61.2 113.8
 130 90.1 66.4 123.4



#35
 Methylcyclohexane
 Concen: 0.823 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU039206.D
 Acq: 29 Jun 2020 20:59

Tgt Ion: 83 Resp: 21886
 Ion Ratio Lower Upper
 83 100
 55 0.2 65.5 98.3#
 98 1.3 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU039206.D

Acq: 29 Jun 2020 20:59

Instrument :

MSVOA_U

ClientSampleId :

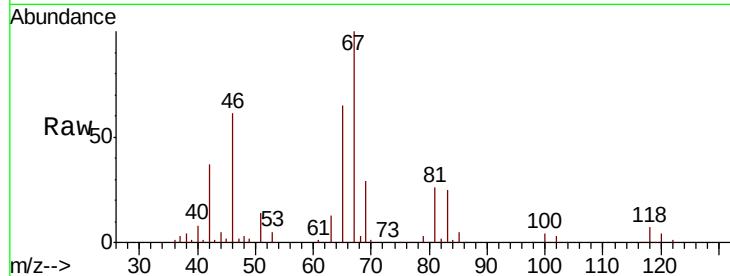
F9F39

Tot Ion: 63 Resp: 11153

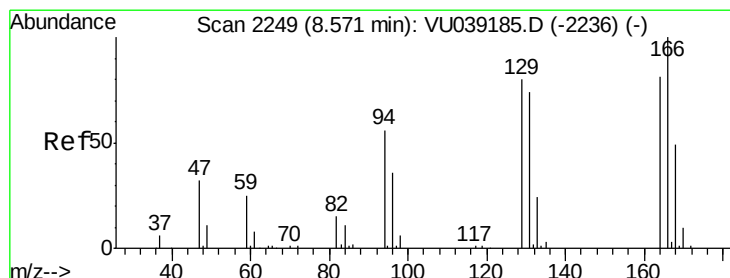
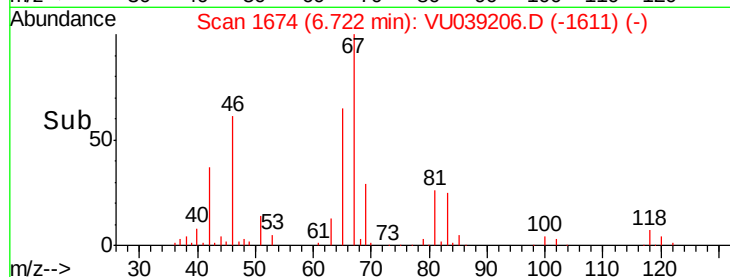
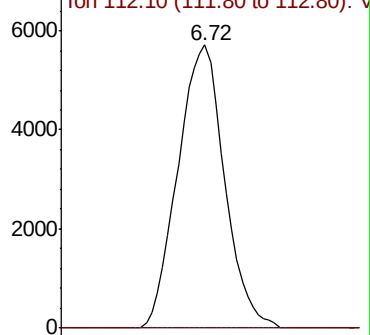
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039185.D (-1687) (-)



#47

Tetrachloroethene

Concen: 5.798 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU039206.D

Acq: 29 Jun 2020 20:59

Tgt Ion:164 Resp: 74383

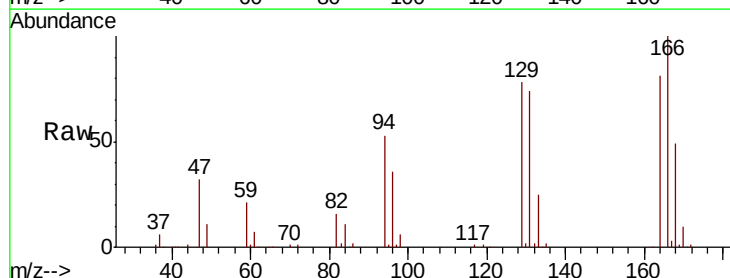
Ion Ratio Lower Upper

164 100

129 95.4 67.6 125.6

131 90.7 66.1 122.7

166 122.9 86.8 161.2

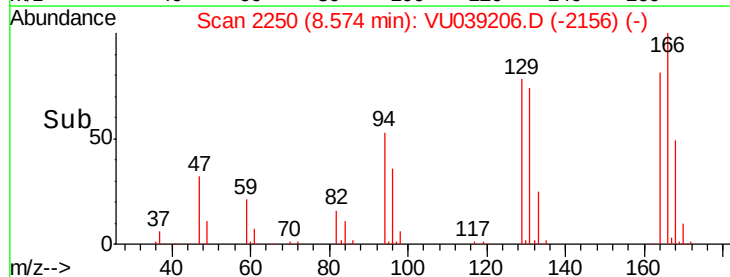
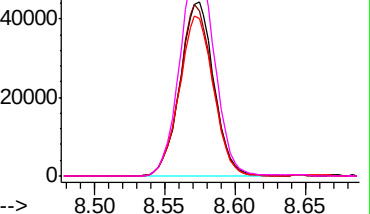


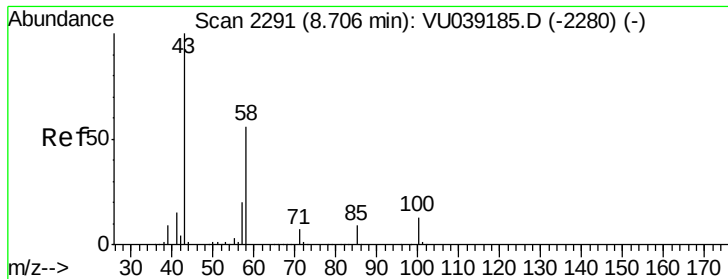
Abundance Ion 163.90 (163.60 to 164.60): VU039185.D (-2236) (-)

Ion 128.95 (128.65 to 129.65): VU039185.D (-2236) (-)

Ion 130.95 (130.65 to 131.65): VU039185.D (-2236) (-)

Ion 165.90 (165.60 to 166.60): VU039185.D (-2236) (-)

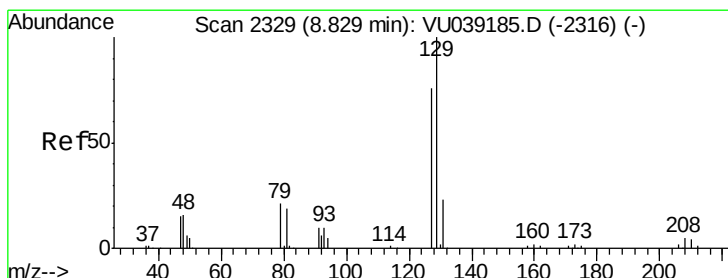
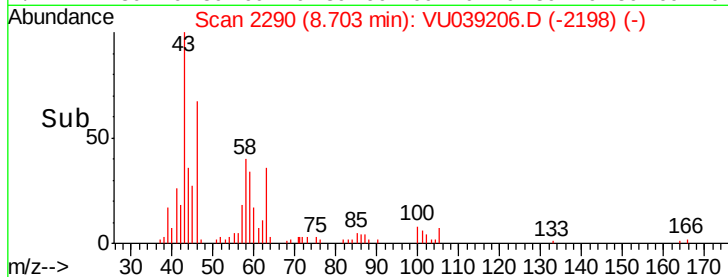
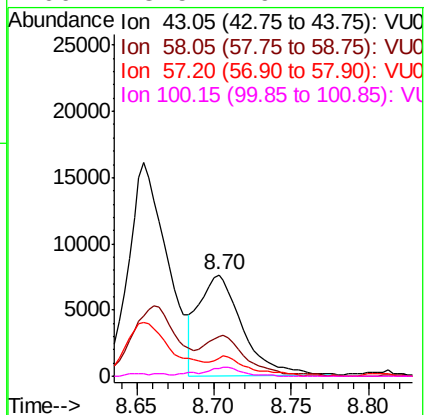
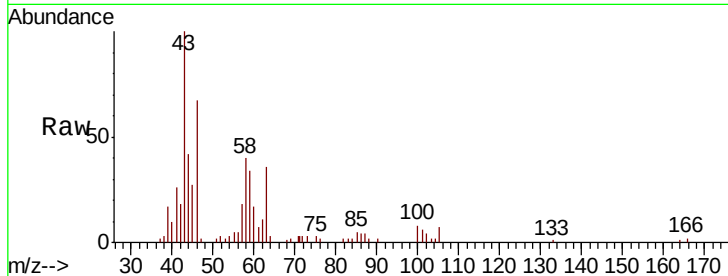




#48
2-Hexanone
Concen: 1.455 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039206.D
Acq: 29 Jun 2020 20:59

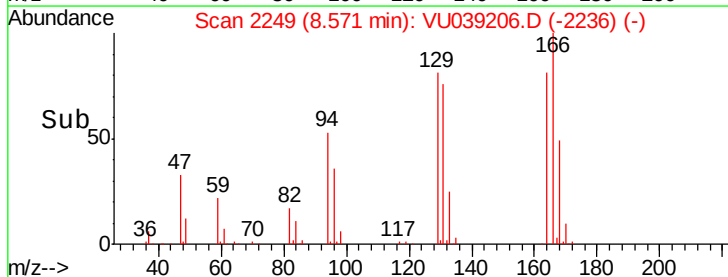
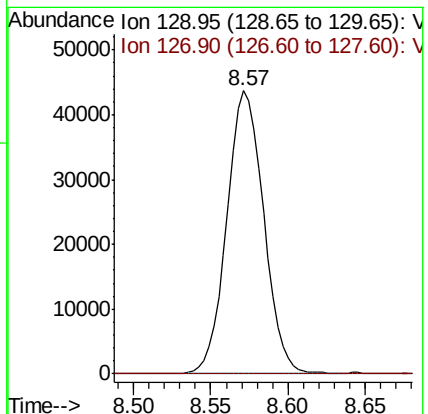
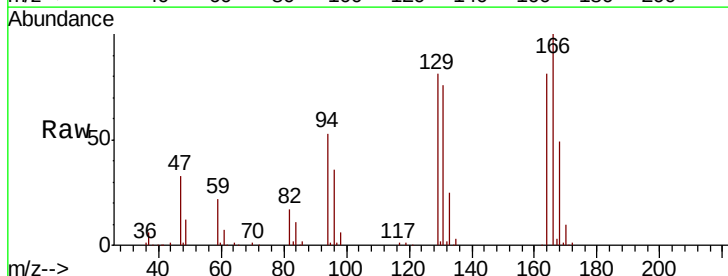
Instrument :
MSVOA_U
ClientSampled :
F9F39

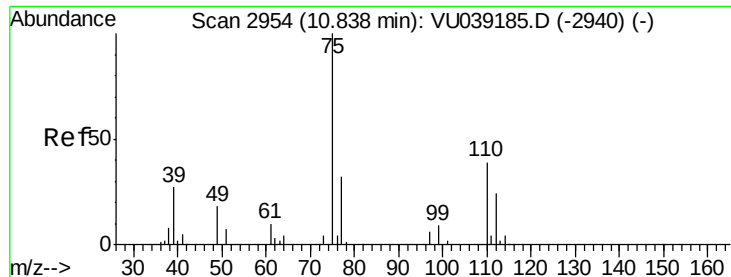
Tot Ion: 43 Resp: 14846
Ion Ratio Lower Upper
43 100
58 36.3 43.6 65.4#
57 15.8 15.6 23.4
100 8.5 9.4 14.2#



#49
Dibromochloromethane
Concen: 4.575 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU039206.D
Acq: 29 Jun 2020 20:59

Tgt Ion: 129 Resp: 72266
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#59

1,2,3-Trichloropropane

Concen: 0.886 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039206.D

Acq: 29 Jun 2020 20:59

Instrument :

MSVOA_U

ClientSampleId :

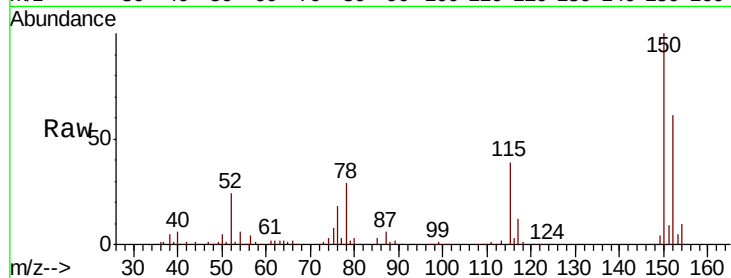
F9F39

Tot Ion: 75 Resp: 12344

Ion Ratio Lower Upper

75 100

77 37.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

