

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039083.D
 Acq On : 25 Jun 2020 00:17
 Operator : SY/MD
 Sample : L3109-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F64

Quant Time: Jun 25 02:37:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252297	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	254390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	103884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98747	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.93	69	89003	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.59	63	144650	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	4.67	46	401237	60.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.36%
24) Chloroform-d	5.10	84	203435	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.74	65	124835	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.76	84	389322	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.72	67	130289	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.92	98	304885	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.20	79	52857	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.65	63	307903	57.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	117202	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	117469	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

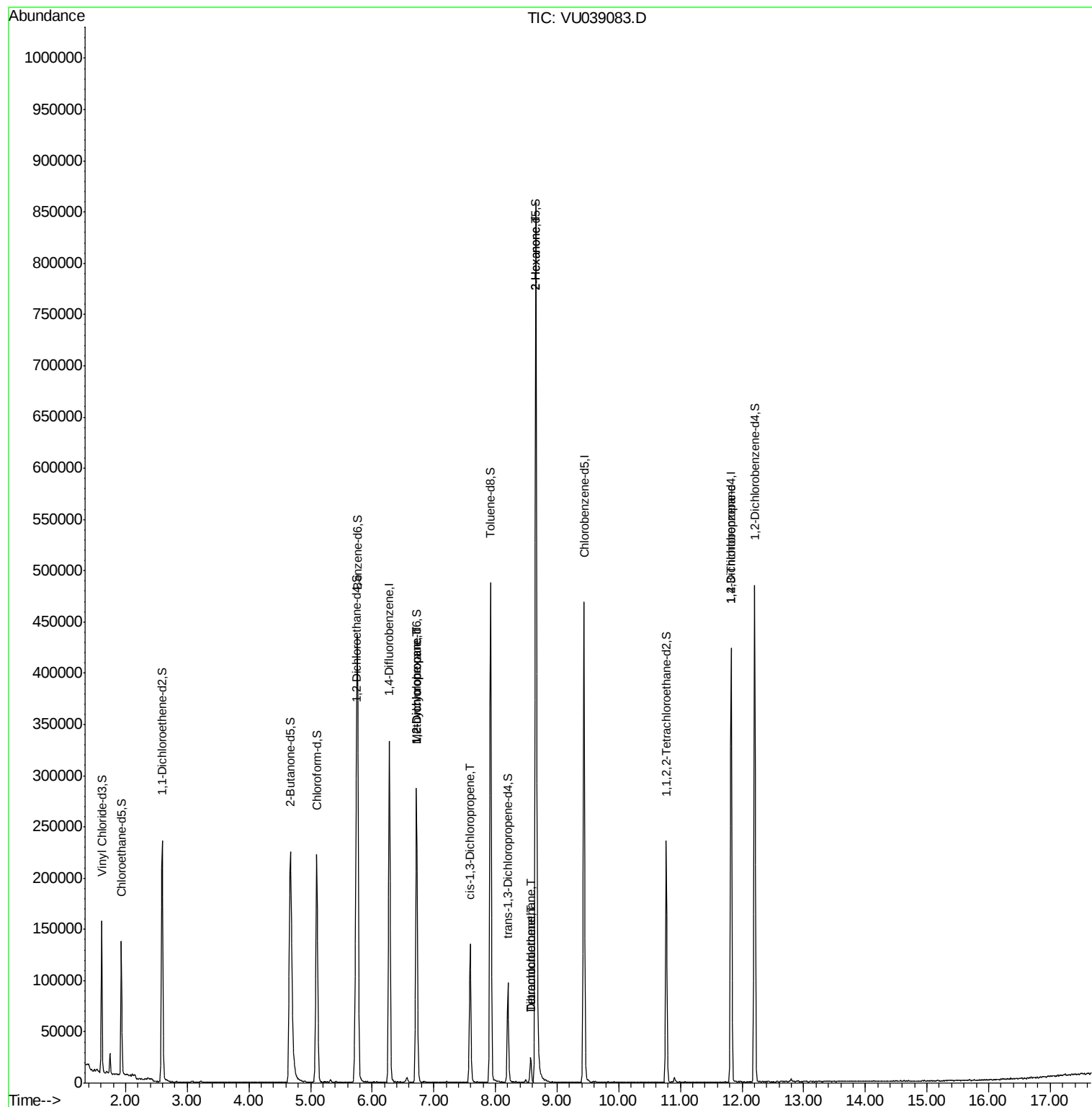
					Ovalue
35) Methylcyclohexane	6.72	83	30308	1.056 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14702	0.679 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3719	0.124 ug/L #	57
47) Tetrachloroethene	8.57	164	4917	0.353 ug/L	91
48) 2-Hexanone	8.66	43	42656	3.600 ug/L #	67
49) Dibromochloromethane	8.57	129	5382	0.308 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	14582	0.893 ug/L	97

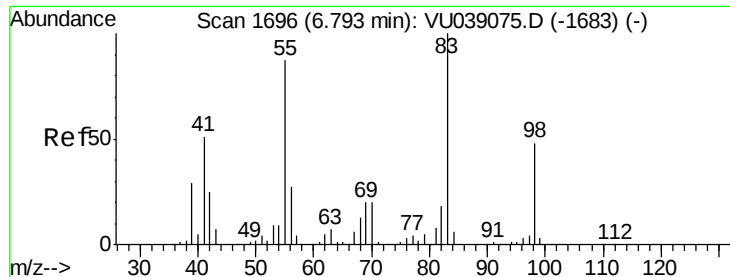
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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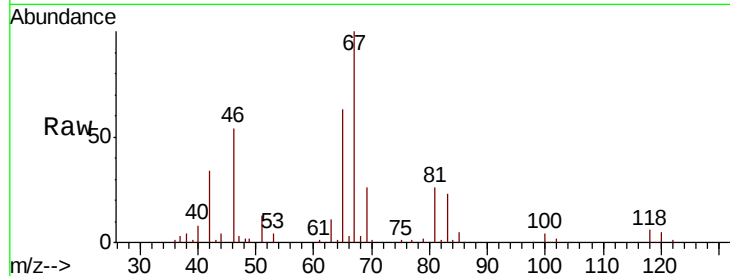




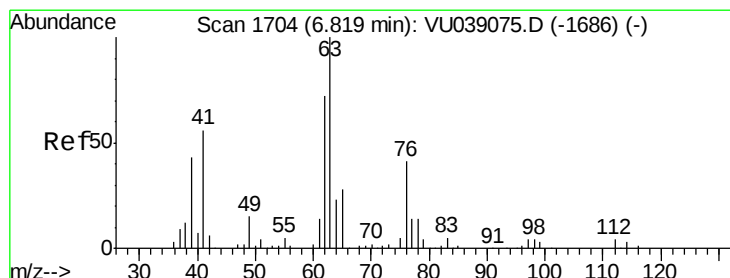
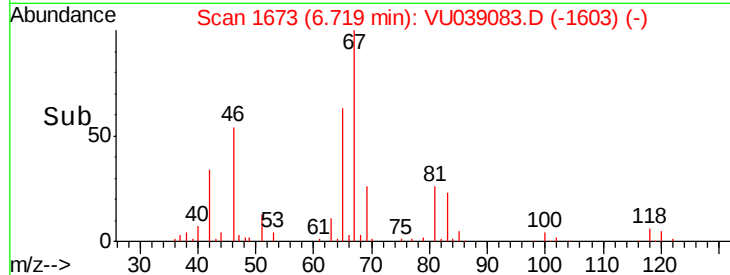
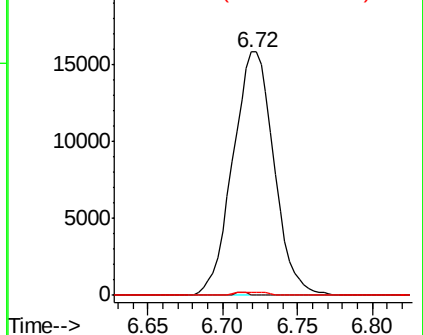
#35
Methvlcvclohexane
Concen: 1.056 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039083.D
Acq: 25 Jun 2020 00:17

Instrument :
MSVOA_U
ClientSampleId :
F9F64

Tot Ion: 83 Resp: 30308
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.0 36.5 54.7#

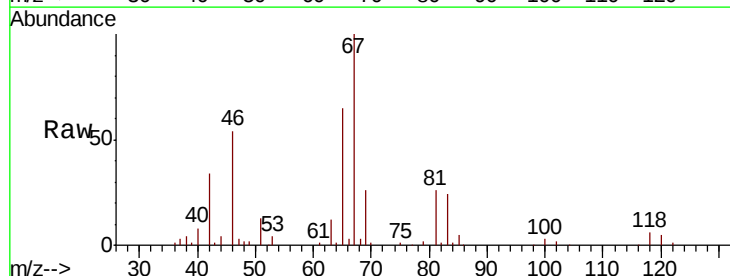


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

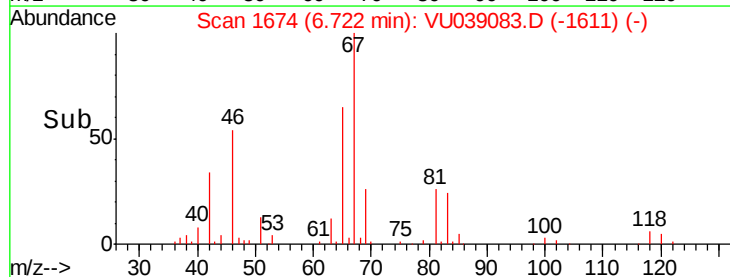
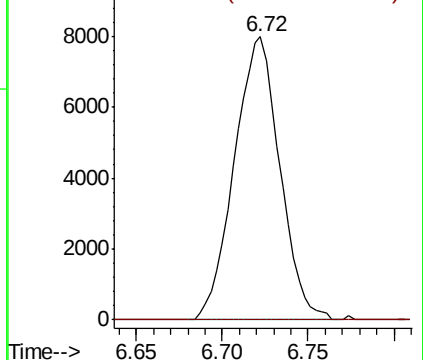


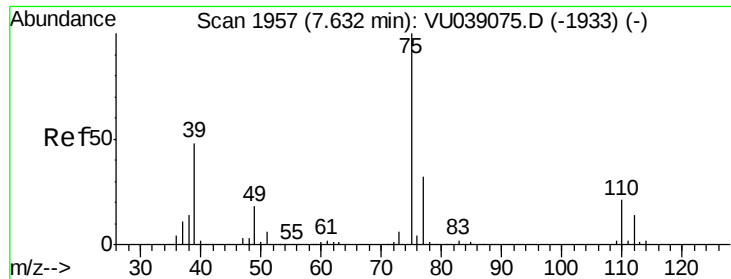
#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039083.D
Acq: 25 Jun 2020 00:17

Tgt Ion: 63 Resp: 14702
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

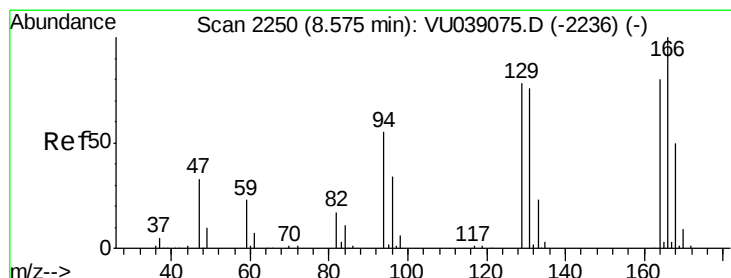
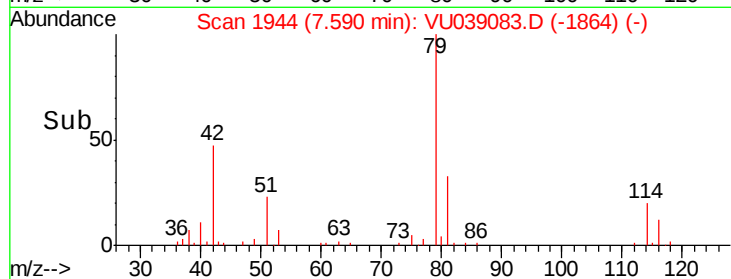
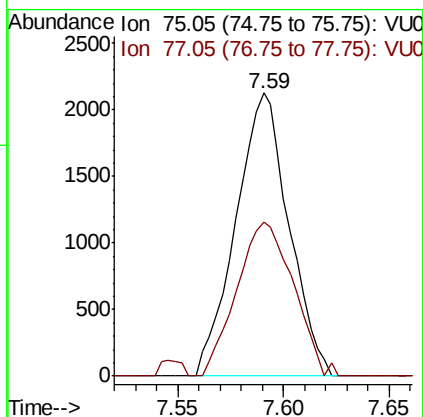
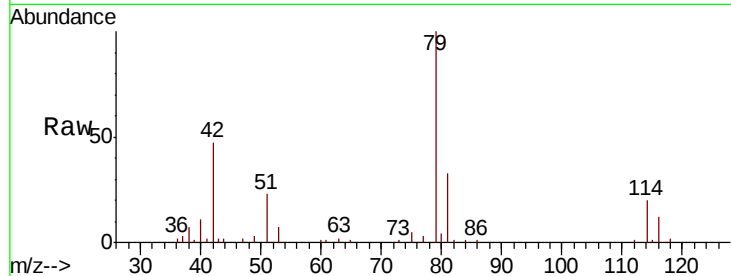




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039083.D
 Acq: 25 Jun 2020 00:17

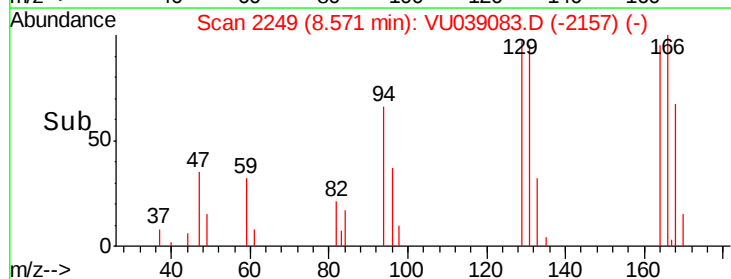
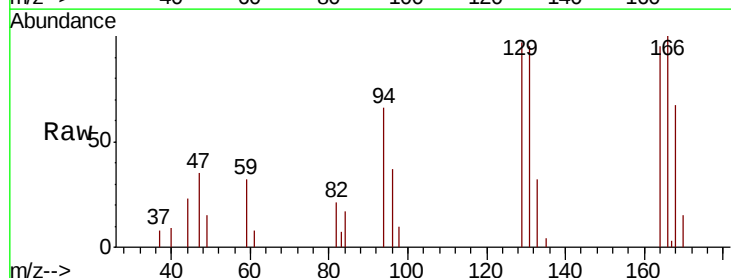
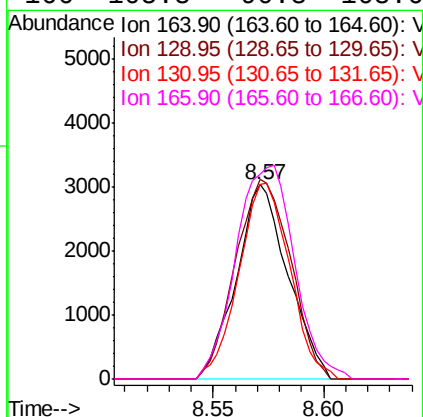
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 F9F64

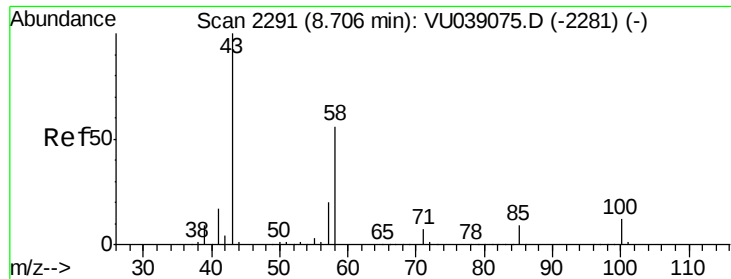
Tot Ion: 75 Resp: 3719
 Ion Ratio Lower Upper
 75 100
 77 54.2 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 0.353 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU039083.D
 Acq: 25 Jun 2020 00:17

Tgt Ion: 164 Resp: 4917
 Ion Ratio Lower Upper
 164 100
 129 102.6 71.3 132.5
 131 100.5 68.3 126.8
 166 105.8 90.8 168.6

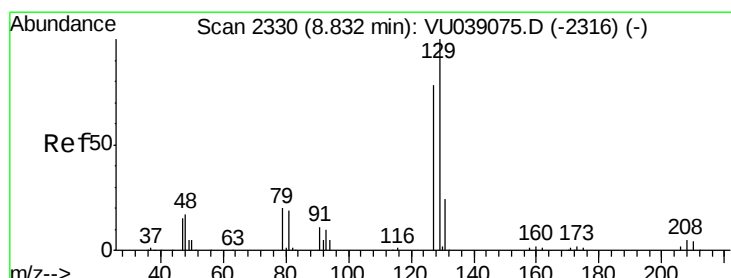
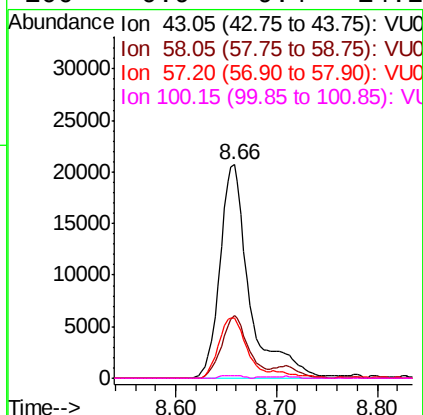
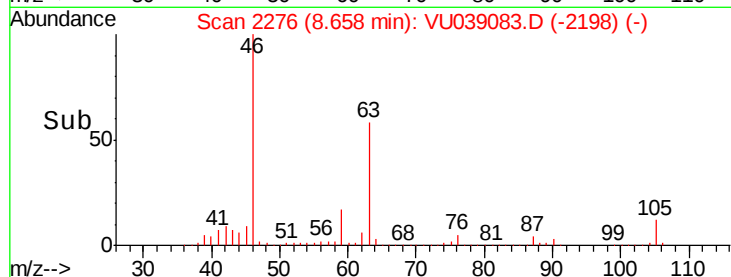
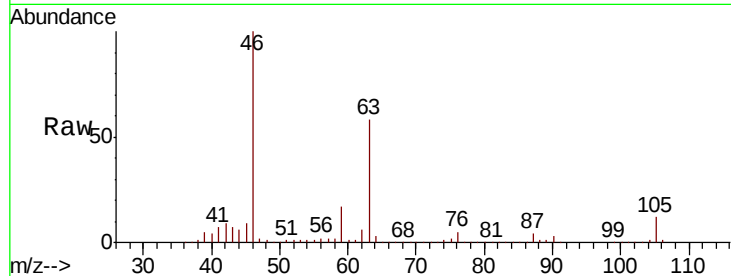




#48
2-Hexanone
Concen: 3.600 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU039083.D
Acq: 25 Jun 2020 00:17

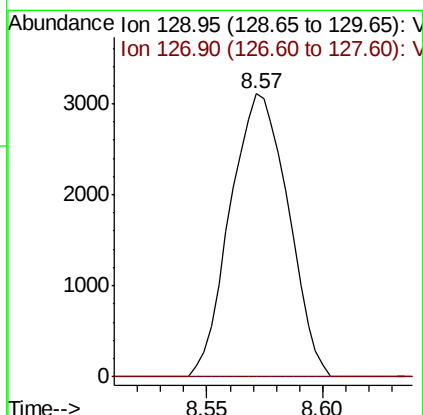
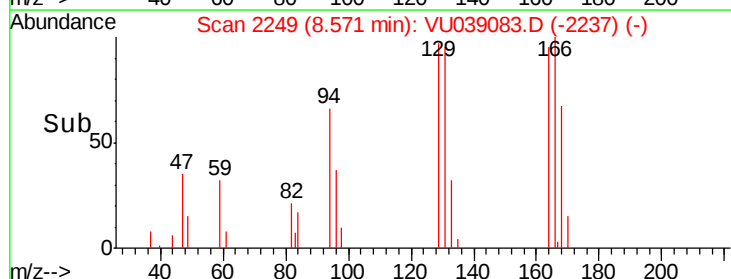
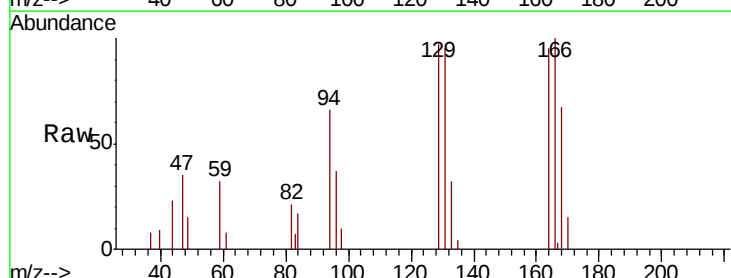
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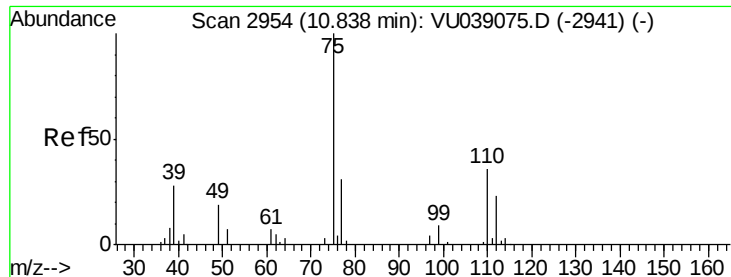
Tot Ion: 43 Resp: 42656
Ion Ratio Lower Upper
43 100
58 26.2 44.0 66.0#
57 26.2 15.0 22.6#
100 0.9 9.4 14.2#



#49
Dibromochloromethane
Concen: 0.308 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU039083.D
Acq: 25 Jun 2020 00:17

Tgt Ion: 129 Resp: 5382
Ion Ratio Lower Upper
129 100
127 0.0 55.4 103.0#





#59

1,2,3-Trichloropropane

Concen: 0.893 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039083.D

Acq: 25 Jun 2020 00:17

Instrument :

MSVOA_U

ClientSampleId :

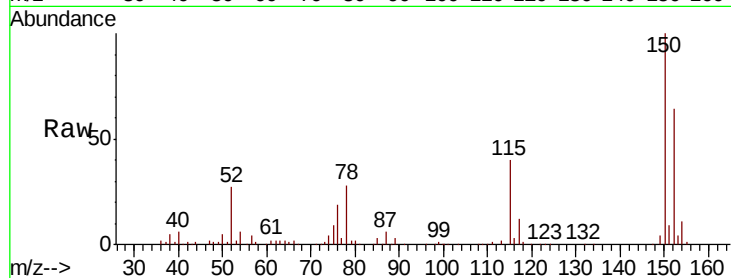
F9F64

Tot Ion: 75 Resp: 14582

Ion Ratio Lower Upper

75 100

77 34.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

