

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039965.D
 Acq On : 25 Aug 2020 14:07
 Operator : SY/MD
 Sample : L3776-02DL 5000X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y01DL

Quant Time: Aug 26 03:44:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26795	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.92	69	22290	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.58	63	38975	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.65	46	86451	42.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.16%
24) Chloroform-d	5.09	84	54258	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	32476	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	103574	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.70	67	33558	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	86457	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.19	79	12765	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.64	63	60703	42.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25910	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	34248	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

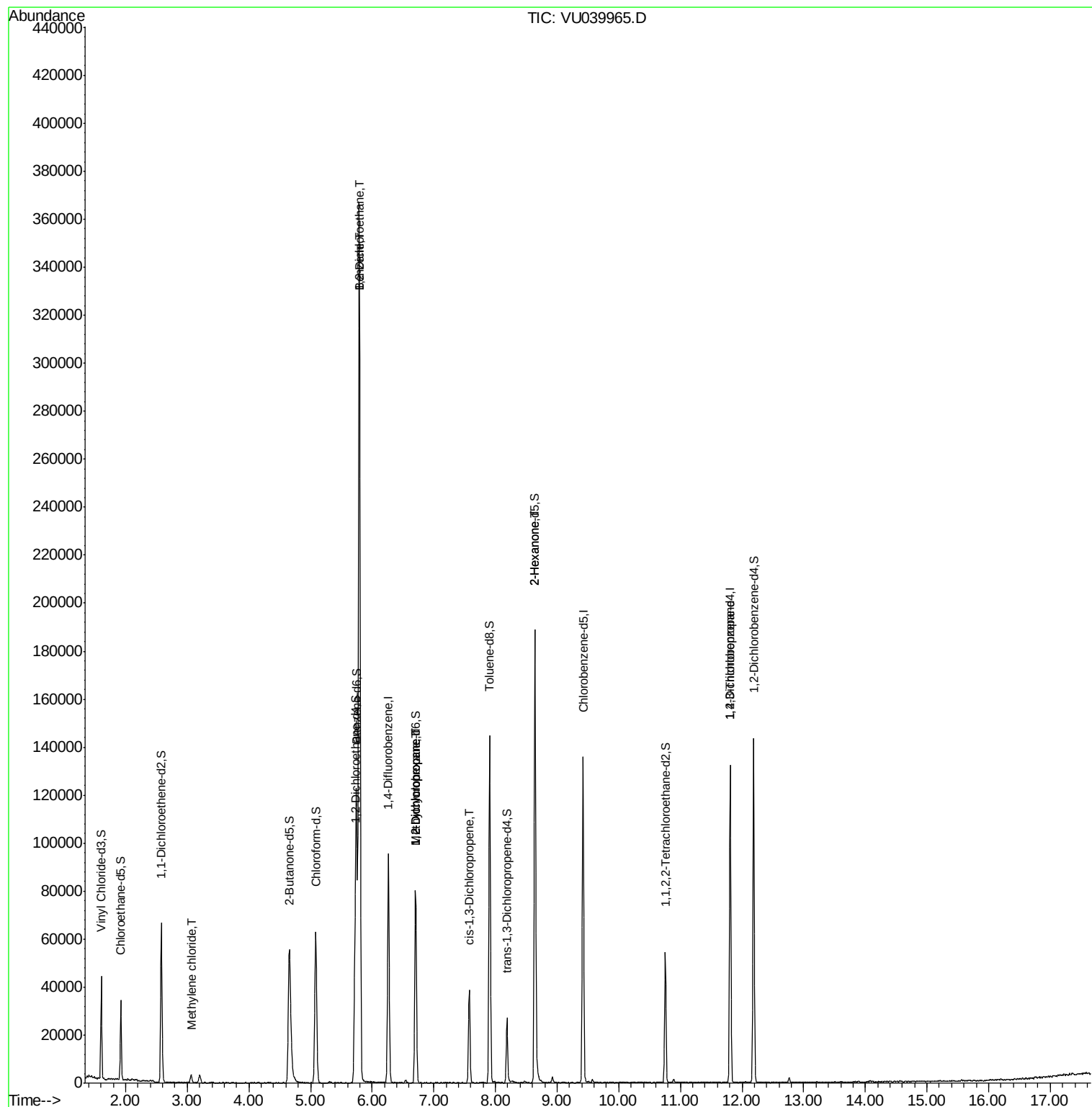
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1336	0.153	ug/L	76
27) 1,2-Dichloroethane	5.79	62	3260	0.374	ug/L #	74
33) Benzene	5.79	78	321499	12.983	ug/L	100
35) Methylcyclohexane	6.71	83	8271	0.840	ug/L #	17
37) 1,2-Dichloropropane	6.71	63	4126	0.627	ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	898	0.098	ug/L #	57
48) 2-Hexanone	8.64	43	8371	2.241	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	4618	0.979	ug/L	96

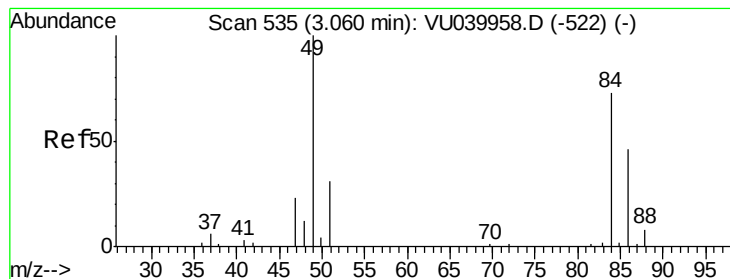
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.153 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039965.D

Acq: 25 Aug 2020 14:07

Instrument :

MSVOA_U

ClientSampleID :

F4Y01DL

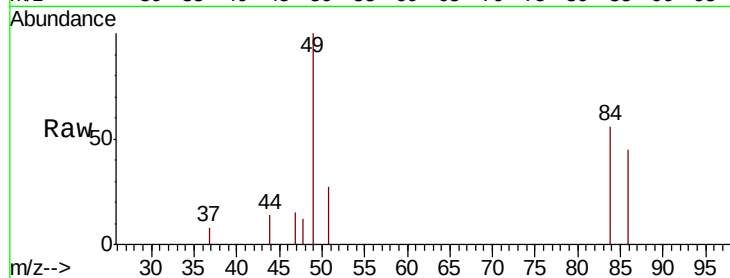
Tot Ion: 84 Resp: 1336

Ion Ratio Lower Upper

84 100

86 79.5 47.2 87.6

49 177.2 99.8 185.4

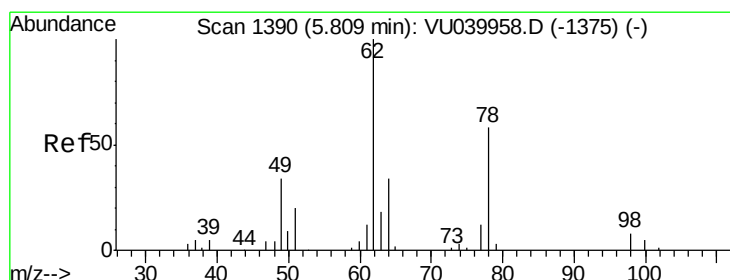
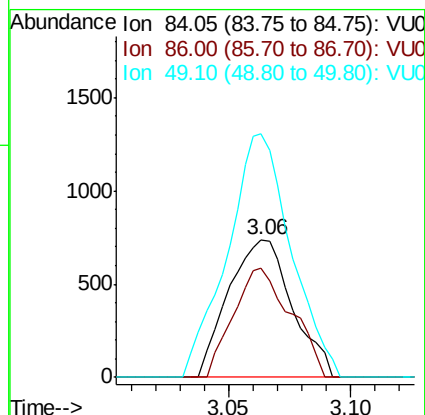
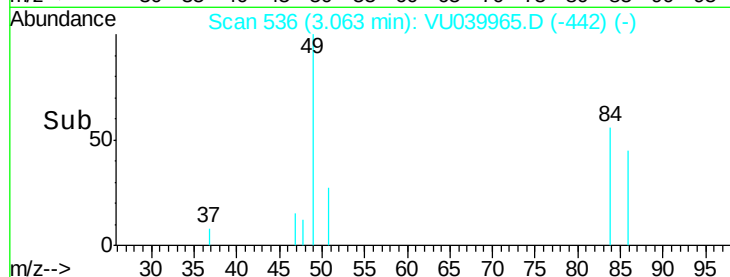


Abundance Ion 84.05 (83.75 to 84.75): VU039965.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039965.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039965.D (-442) (-)

Time-->



#27

1,2-Dichloroethane

Concen: 0.374 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. -0.02 min

Lab File: VU039965.D

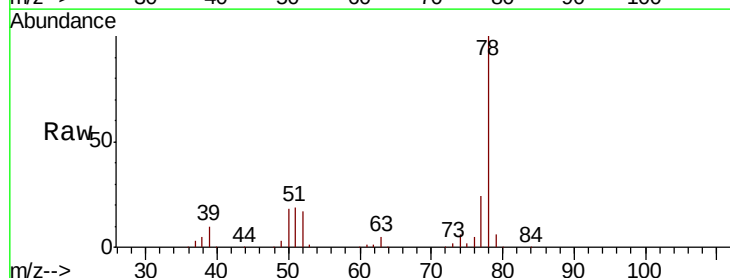
Acq: 25 Aug 2020 14:07

Tgt Ion: 62 Resp: 3260

Ion Ratio Lower Upper

62 100

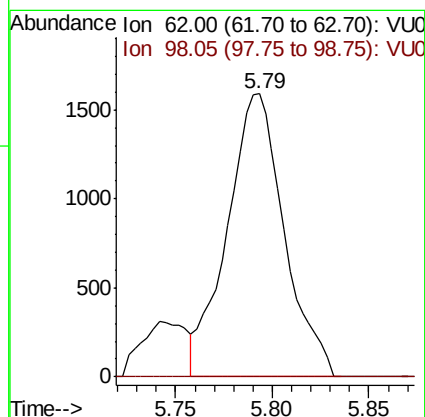
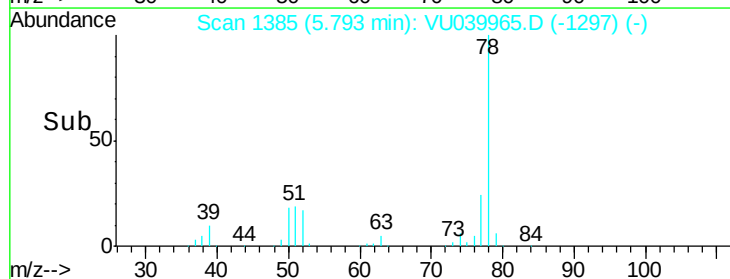
98 0.0 7.4 11.2#

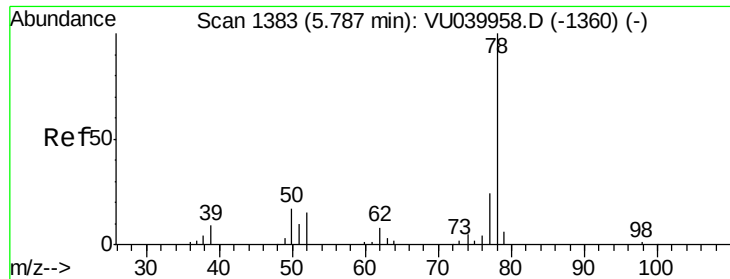


Abundance Ion 62.00 (61.70 to 62.70): VU039965.D (-1297) (-)

Ion 98.05 (97.75 to 98.75): VU039965.D (-1297) (-)

Time-->





#33

Benzene

Concen: 12.983 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU039965.D

Acq: 25 Aug 2020 14:07

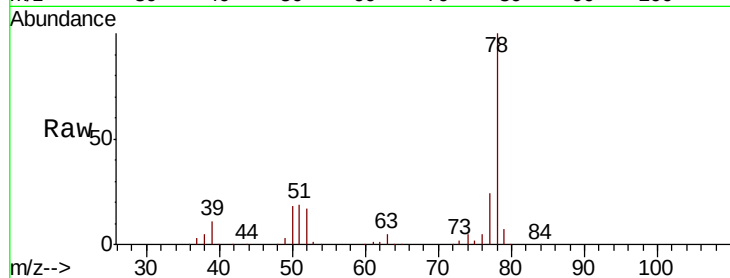
Instrument :

MSVOA_U

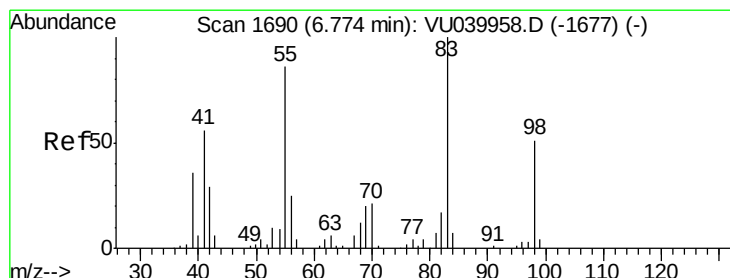
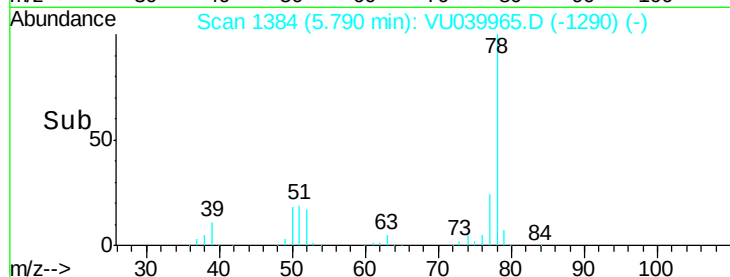
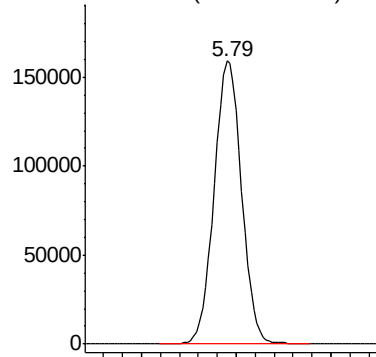
ClientSampleID :

F4Y01DL

Tgt Ion: 78 Resp: 321499



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039965.D

Acq: 25 Aug 2020 14:07

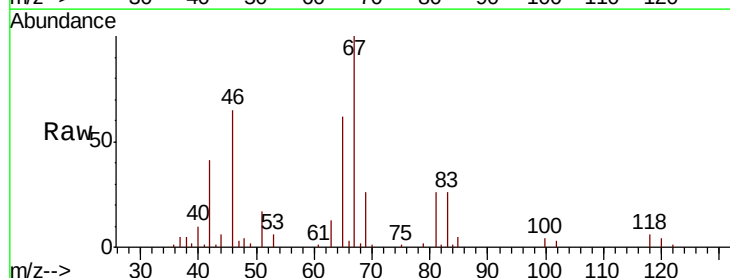
Tgt Ion: 83 Resp: 8271

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

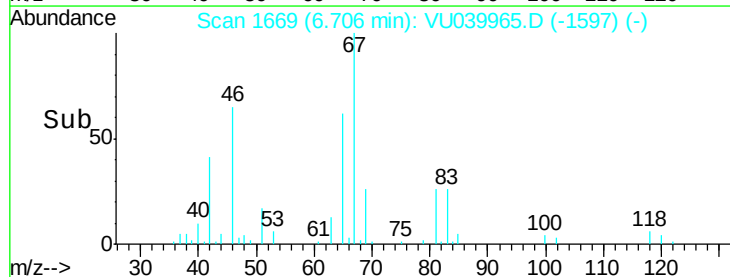
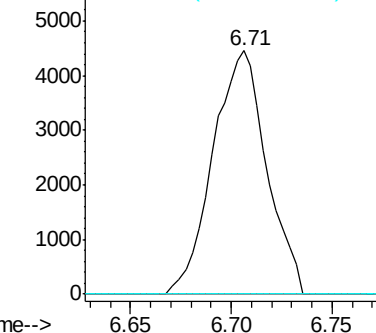
98 1.0 39.4 59.0#

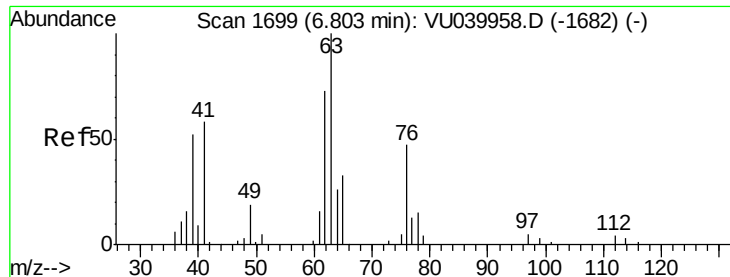


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

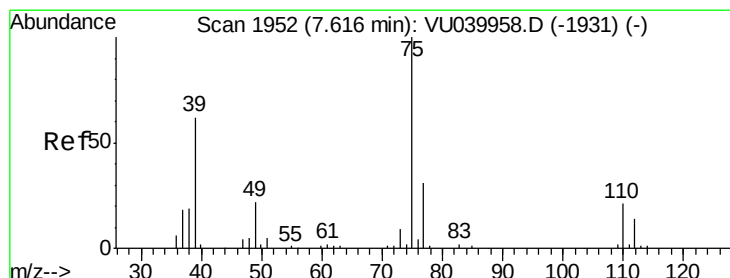
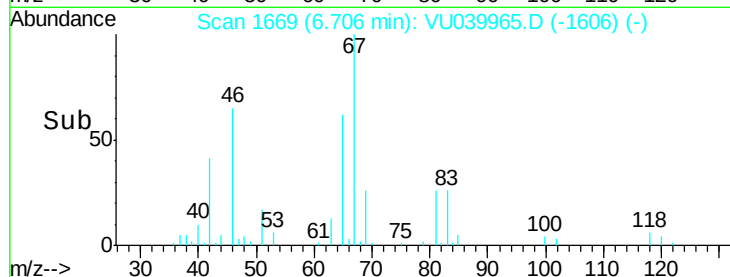
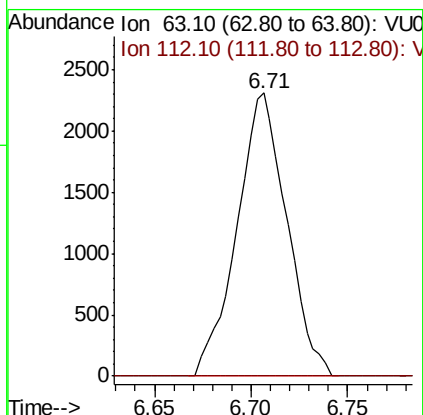
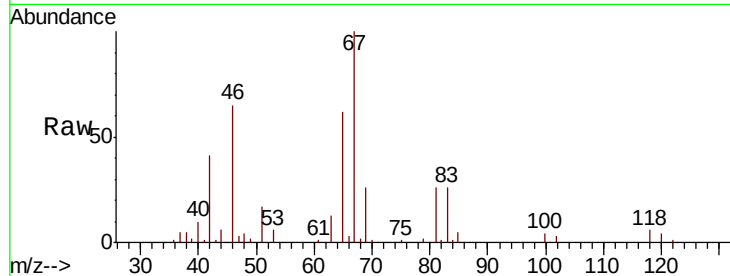




#37
 1,2-Dichloropropane
 Concen: 0.627 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039965.D
 Acq: 25 Aug 2020 14:07

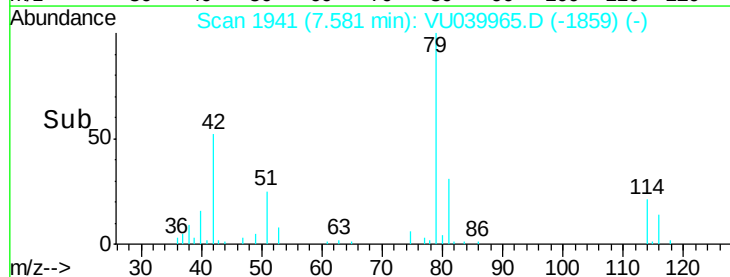
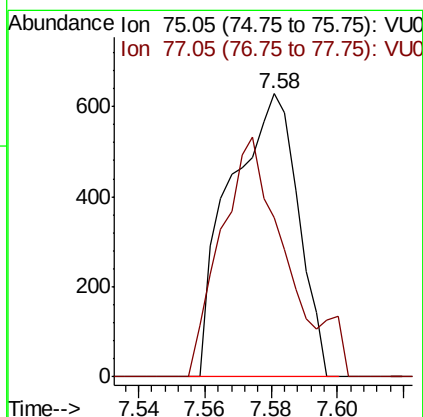
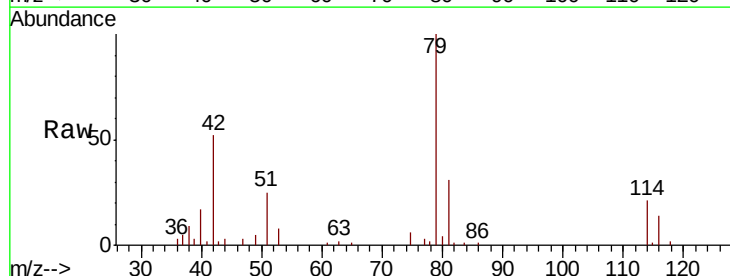
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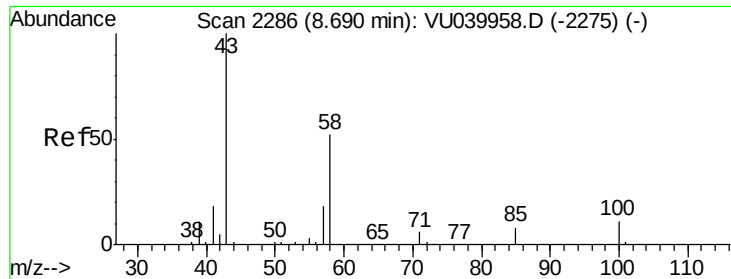
Tot Ion: 63 Resp: 4126
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039965.D
 Acq: 25 Aug 2020 14:07

Tgt Ion: 75 Resp: 898
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.6 42.0#

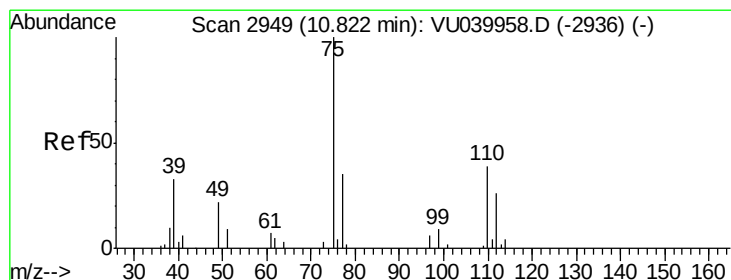
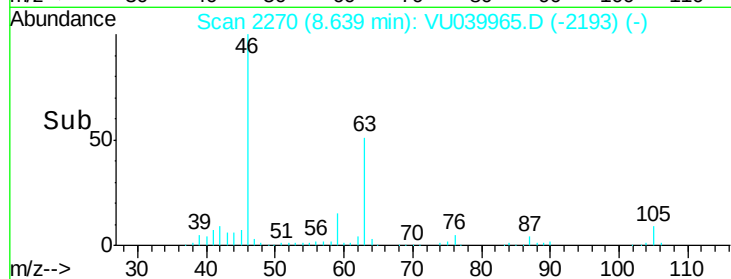
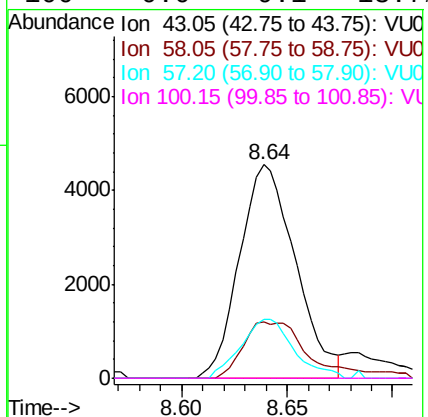
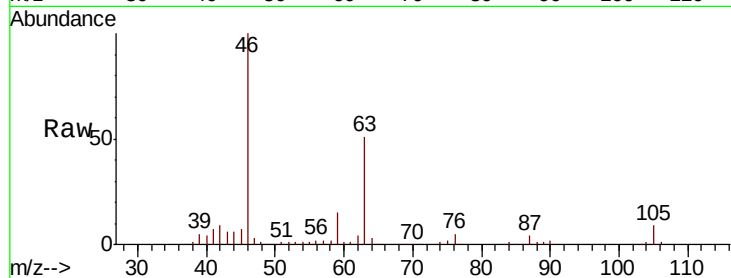




#48
2-Hexanone
Concen: 2.241 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU039965.D
Acq: 25 Aug 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
F4Y01DL

Tot Ion: 43 Resp: 8371
Ion Ratio Lower Upper
43 100
58 31.9 41.3 61.9#
57 26.2 14.1 21.1#
100 0.0 9.1 13.7#



#59
1,2,3-Trichloropropane
Concen: 0.979 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039965.D
Acq: 25 Aug 2020 14:07

Tgt Ion: 75 Resp: 4618
Ion Ratio Lower Upper
75 100
77 36.6 27.4 41.2

