

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091520\
 Data File : VU040139.D
 Acq On : 15 Sep 2020 15:41
 Operator : SY/MD
 Sample : L3961-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 16 03:13:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 16 03:11:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108902	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31091	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.92	69	27361	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.58	63	52886	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.66	46	112131	47.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.30%
24) Chloroform-d	5.08	84	63466	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	41752	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	120078	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	39080	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.90	98	97629	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.18	79	16044	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.64	63	81129	43.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35139	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	38774	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

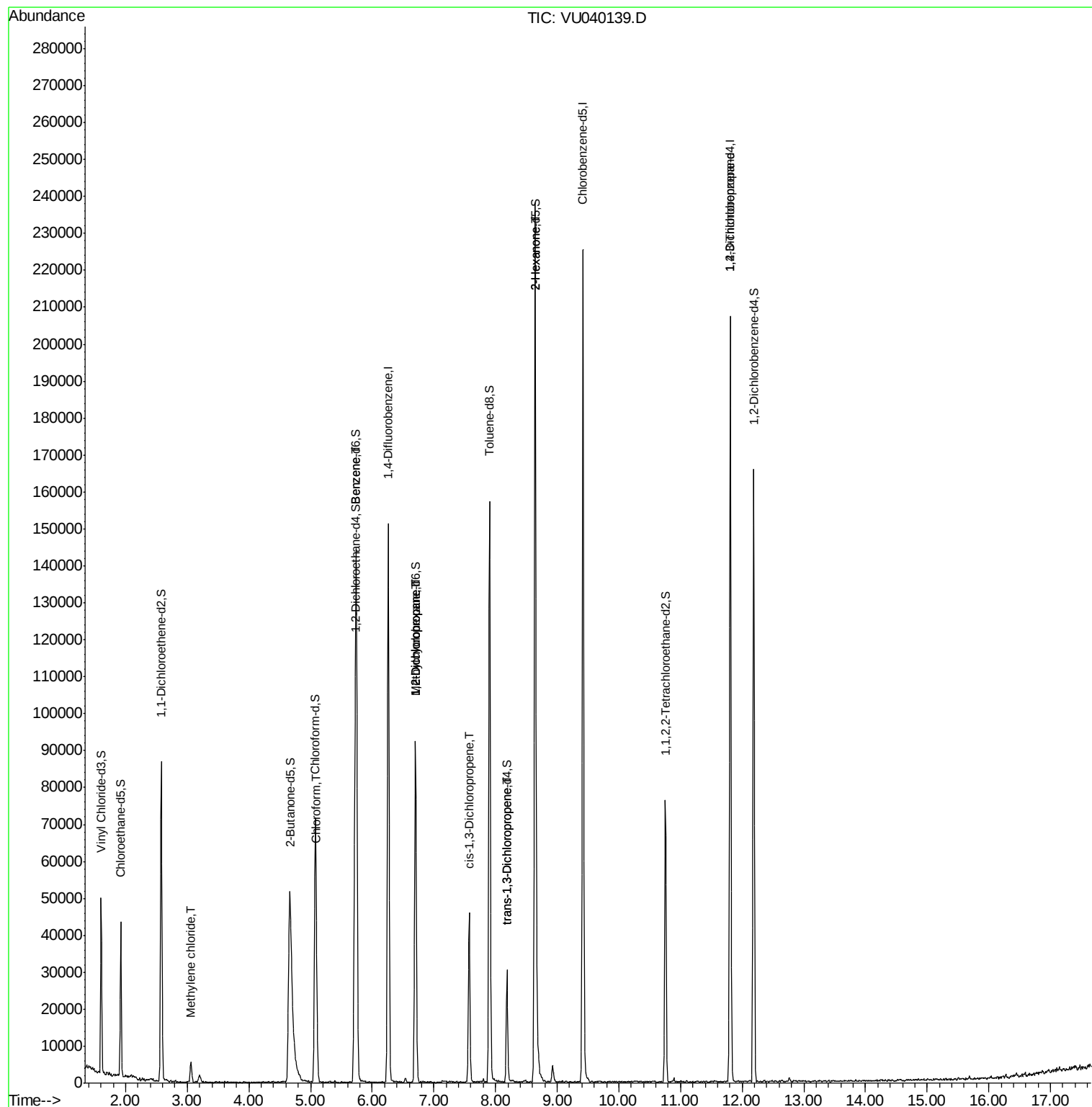
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2940	0.266	ug/L	75
25) Chloroform	5.10	83	4525	0.237	ug/L	90
33) Benzene	5.75	78	1031	0.026	ug/L	100
35) Methylcyclohexane	6.70	83	9257	0.564	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5319	0.492	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1214	0.076	ug/L #	69
44) trans-1,3-Dichloropropene	8.19	75	1049	0.071	ug/L	91
48) 2-Hexanone	8.64	43	12284	1.899	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	7868	0.982	ug/L	90

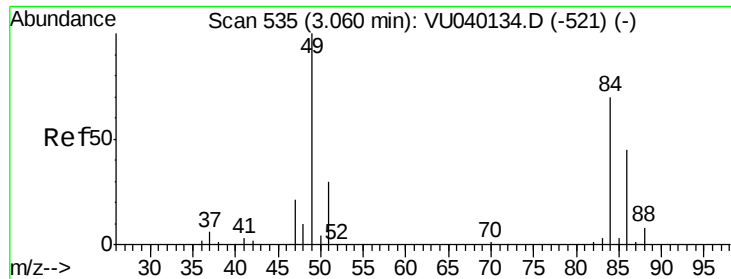
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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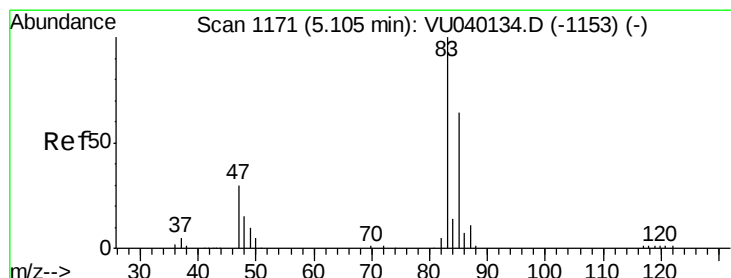
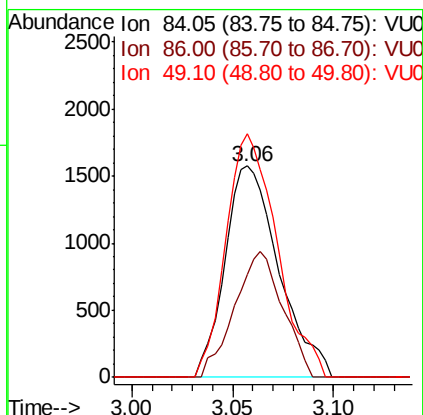
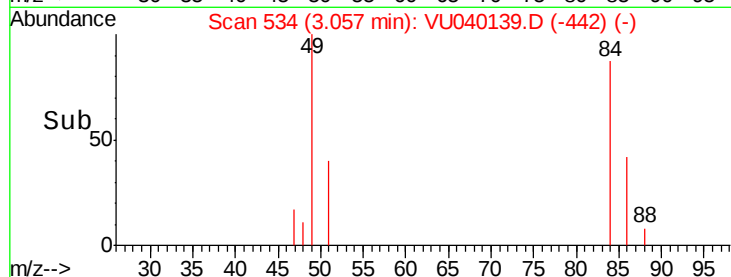
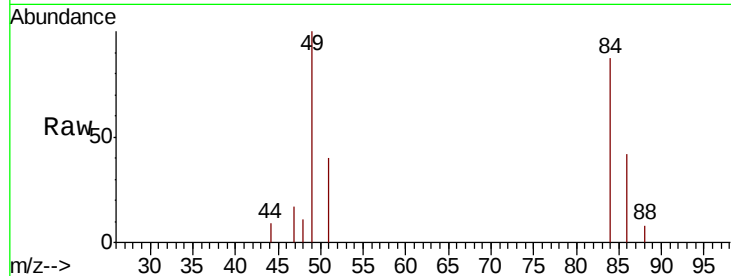




#16
Methvlene chloride
Concen: 0.266 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040139.D
Acq: 15 Sep 2020 15:41

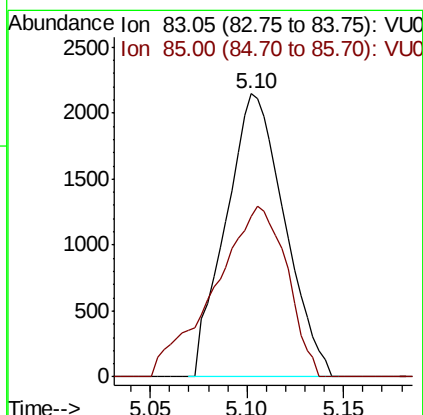
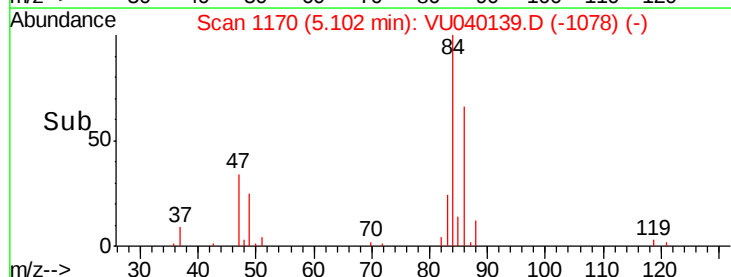
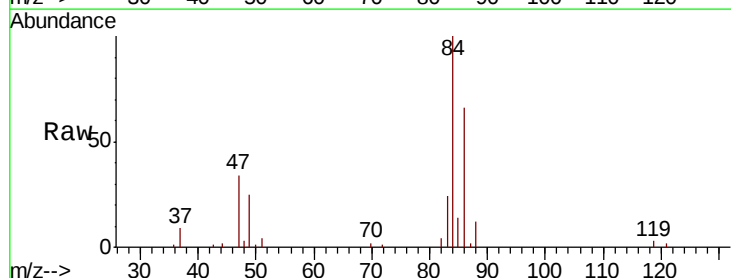
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

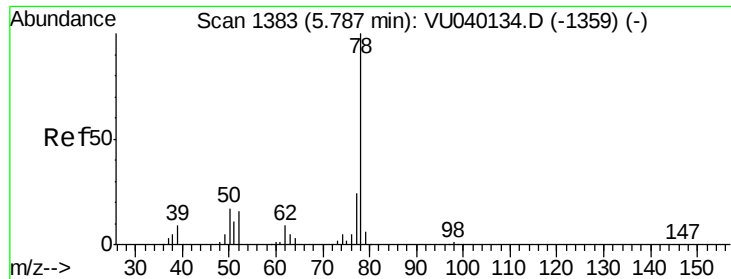
Tot Ion: 84 Resp: 2940
Ion Ratio Lower Upper
84 100
86 48.7 45.2 84.0
49 115.1 104.0 193.2



#25
Chloroform
Concen: 0.237 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040139.D
Acq: 15 Sep 2020 15:41

Tgt Ion: 83 Resp: 4525
Ion Ratio Lower Upper
83 100
85 56.8 45.3 84.1





#33

Benzene

Concen: 0.026 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU040139.D

Acq: 15 Sep 2020 15:41

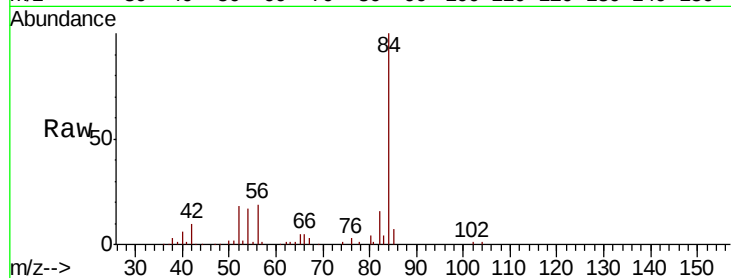
Instrument :

MSVOA_U

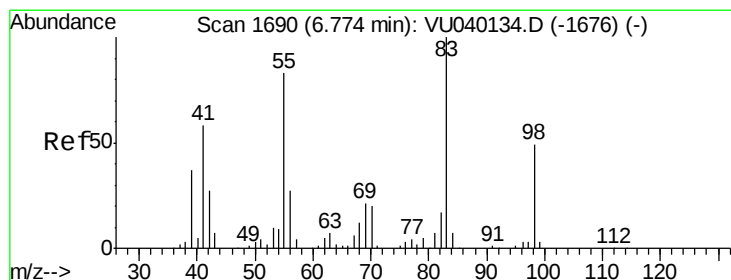
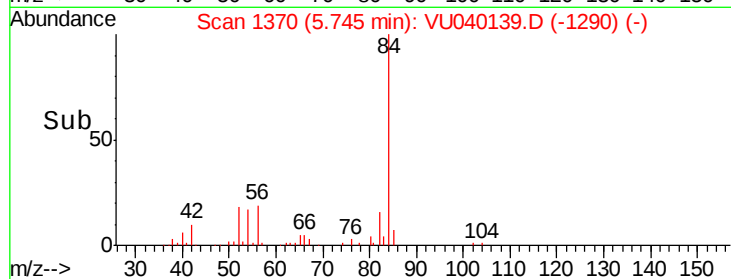
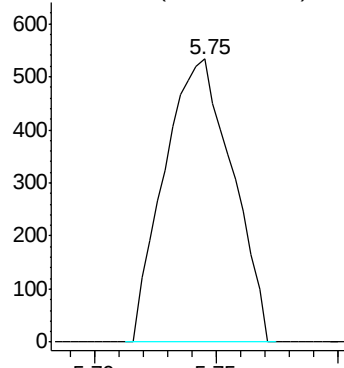
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 1031



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.564 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU040139.D

Acq: 15 Sep 2020 15:41

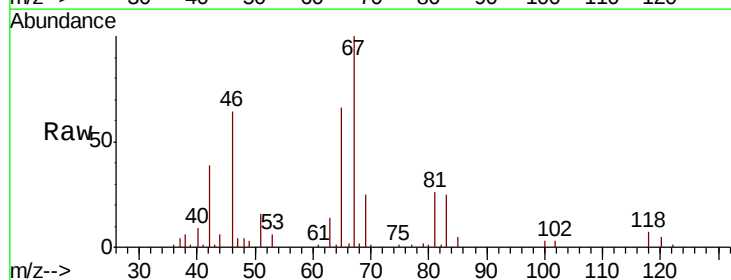
Tgt Ion: 83 Resp: 9257

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

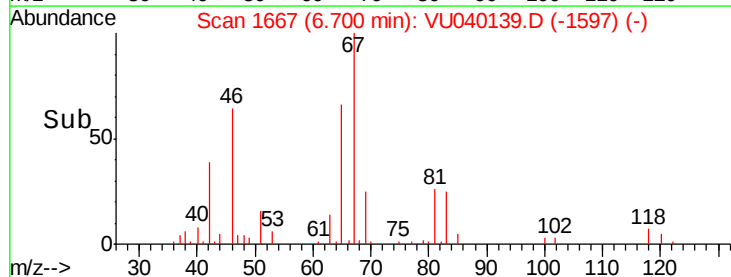
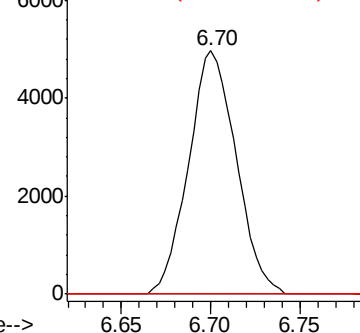
98 1.4 37.8 56.6#

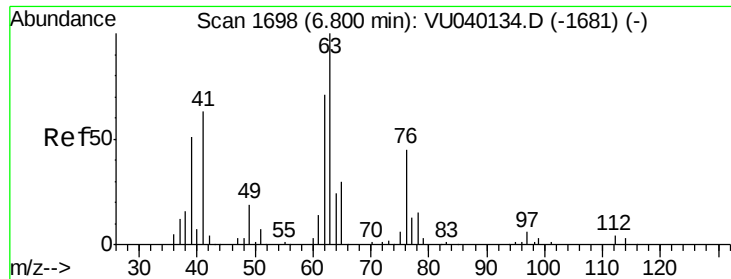


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

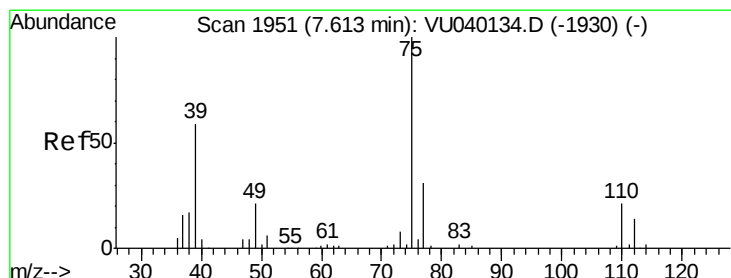
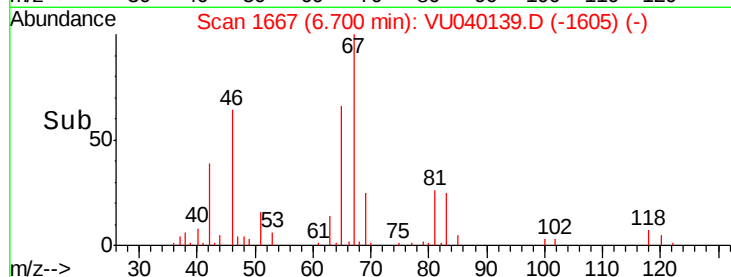
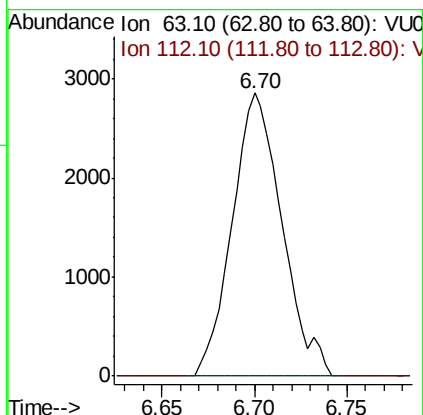
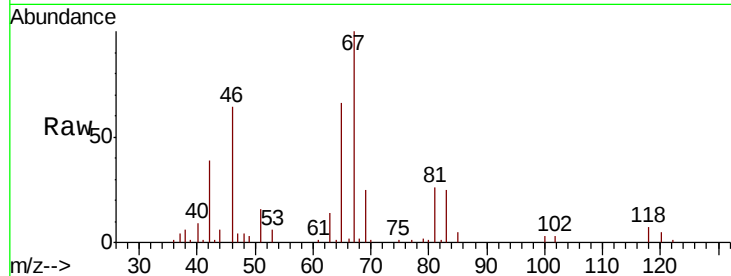




#37
 1,2-Dichloropropane
 Concen: 0.492 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040139.D
 Acq: 15 Sep 2020 15:41

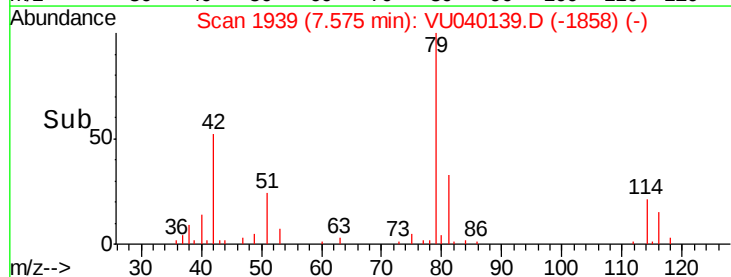
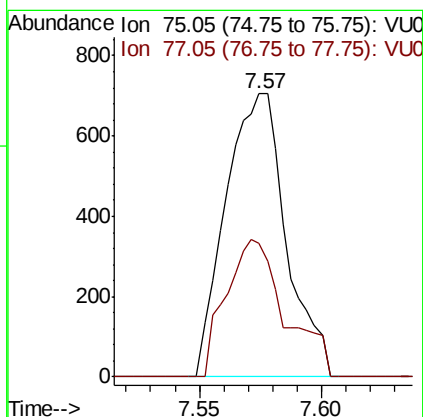
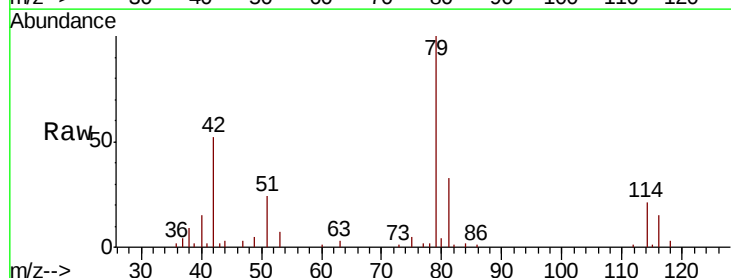
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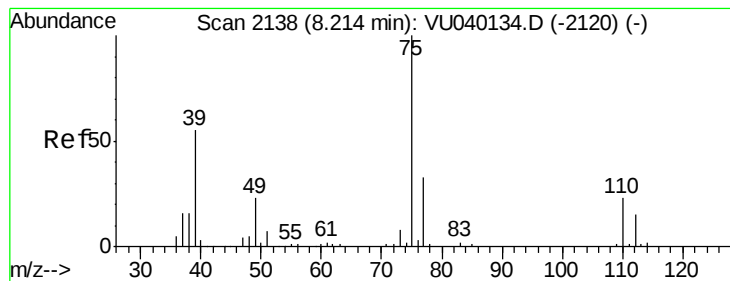
Tot Ion: 63 Resp: 5319
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040139.D
 Acq: 15 Sep 2020 15:41

Tgt Ion: 75 Resp: 1214
 Ion Ratio Lower Upper
 75 100
 77 47.1 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040139.D

Acq: 15 Sep 2020 15:41

Instrument :

MSVOA_U

ClientSampleId :

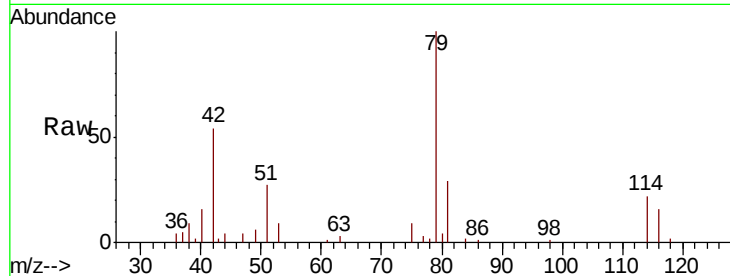
VHBLK01

Tot Ion: 75 Resp: 1049

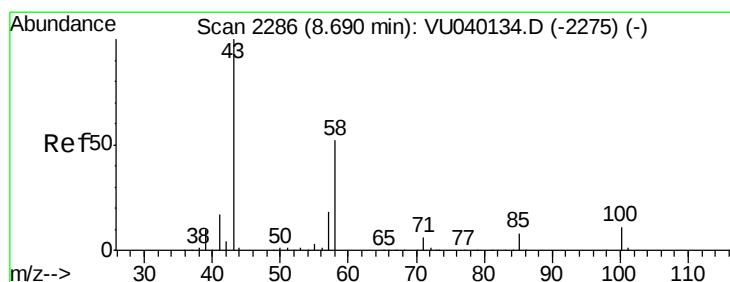
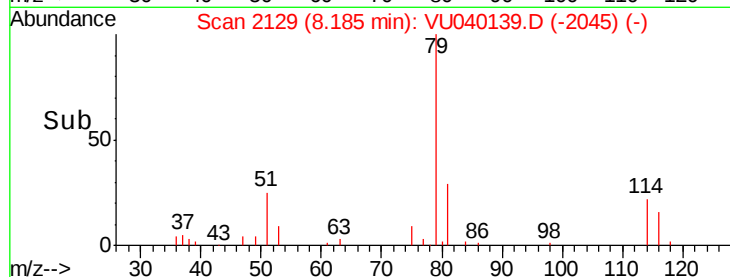
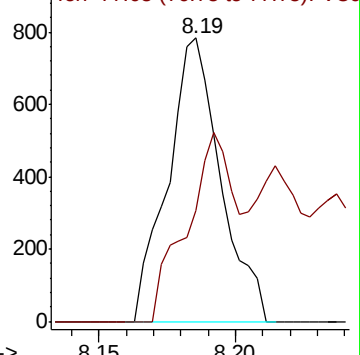
Ion Ratio Lower Upper

75 100

77 39.2 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU040139.D (-2120) (-)



#48

2-Hexanone

Concen: 1.899 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040139.D

Acq: 15 Sep 2020 15:41

Tgt Ion: 43 Resp: 12284

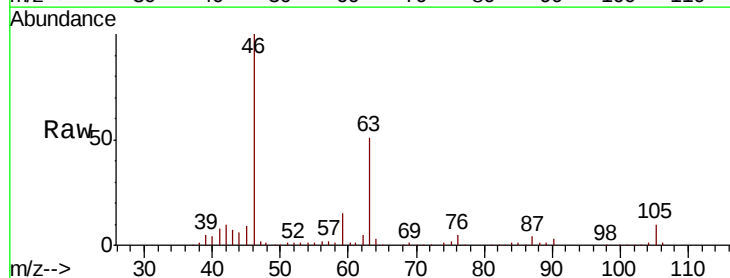
Ion Ratio Lower Upper

43 100

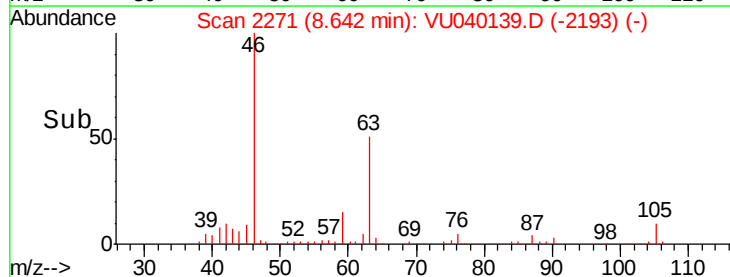
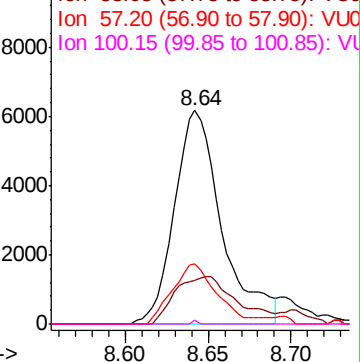
58 28.6 39.6 59.4#

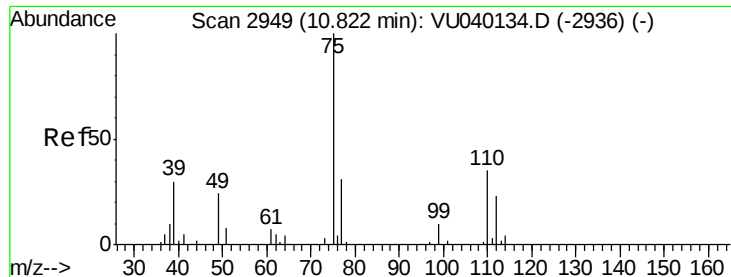
57 26.6 14.3 21.5#

100 0.2 8.0 12.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040139.D (-2275) (-)





#59

1,2,3-Trichloropropane

Concen: 0.982 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040139.D

Acq: 15 Sep 2020 15:41

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 7868

Ion Ratio Lower Upper

75 100

77 36.4 24.9 37.3

