

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040908.D
 Acq On : 22 Oct 2020 15:38
 Operator : SY/MD
 Sample : L4447-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 22 23:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 23:17:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	211722	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	224285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	91152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	60955	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.92	69	59297	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.58	63	97205	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	302452	58.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.38%
24) Chloroform-d	5.08	84	151634	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	94177	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.75	84	253369	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.70	67	91669	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	192776	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.19	79	34535	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	211566	52.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	85122	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	80727	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

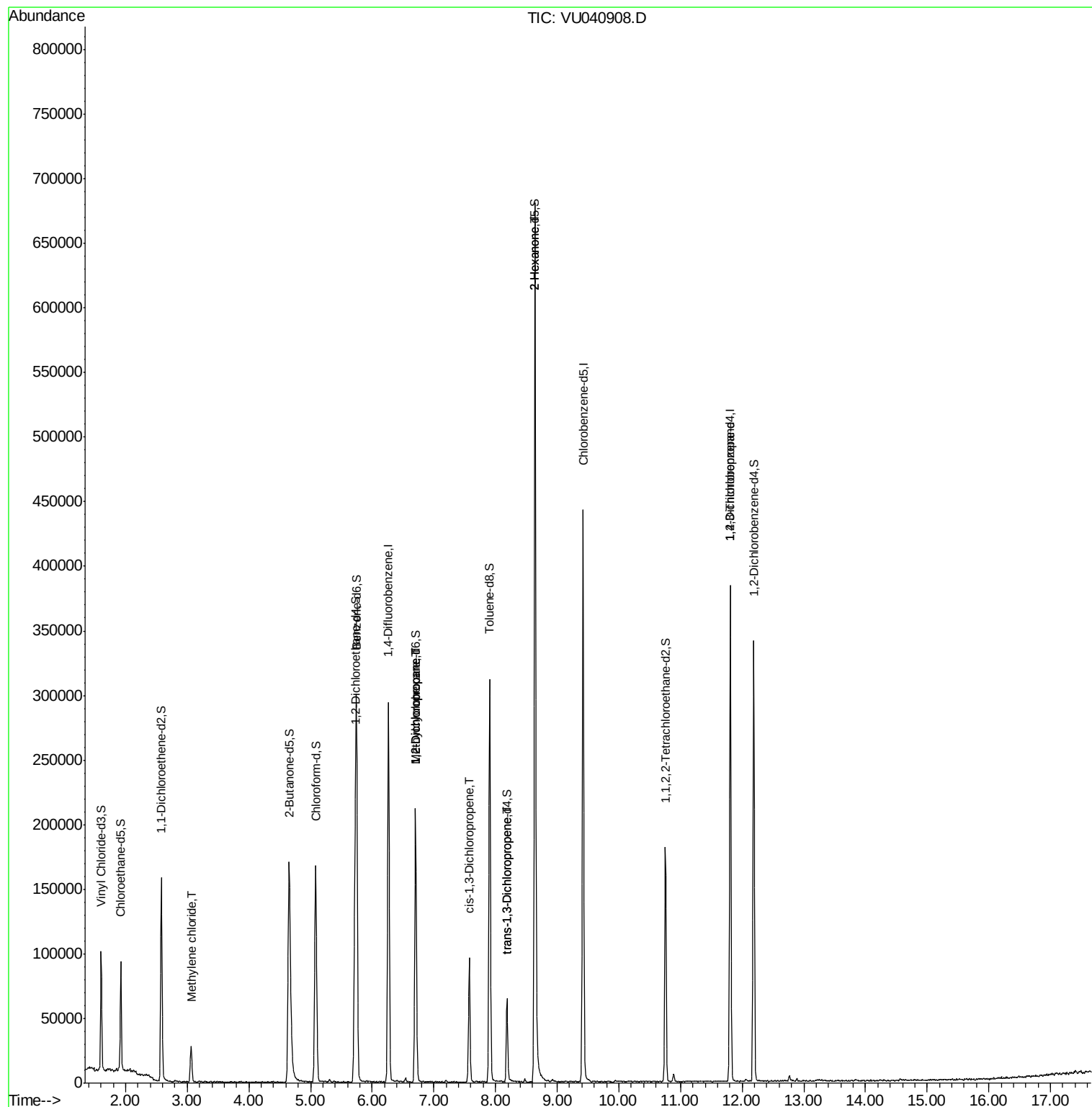
					Ovalue
16) Methylene chloride	3.06	84	11959	0.627 ug/L	92
35) Methylcyclohexane	6.70	83	22501	0.819 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	11701	0.601 ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	2526	0.097 ug/L #	57
44) trans-1,3-Dichloropropene	8.19	75	1654	0.070 ug/L #	67
48) 2-Hexanone	8.64	43	34253	3.605 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	13831	1.093 ug/L	96

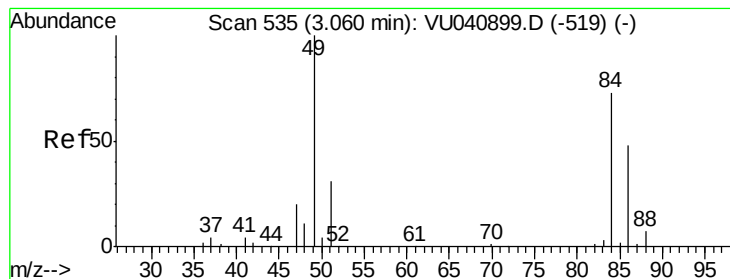
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.627 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040908.D

Acq: 22 Oct 2020 15:38

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

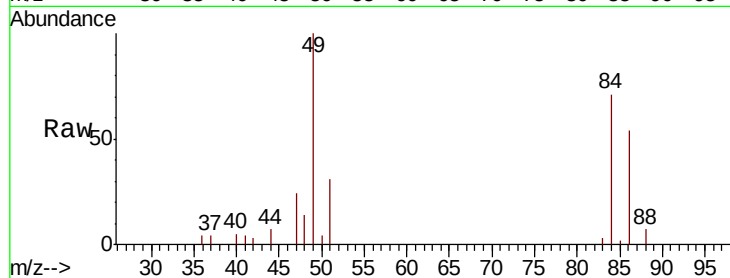
Tot Ion: 84 Resp: 11959

Ion Ratio Lower Upper

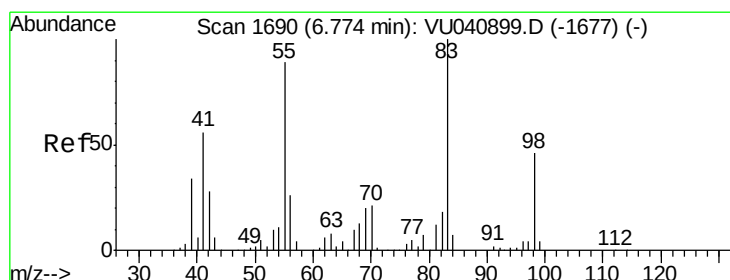
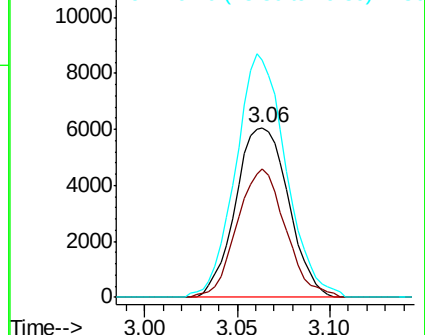
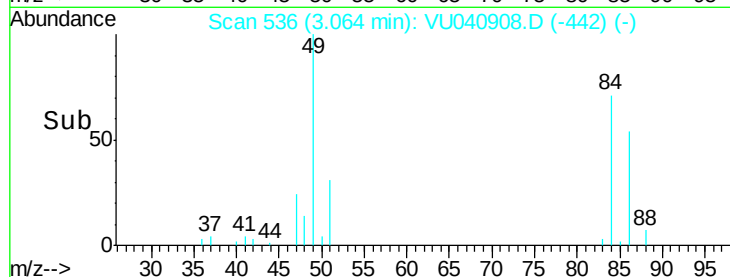
84 100

86 75.9 44.9 83.5

49 140.1 94.7 175.9



Abundance Ion 84.05 (83.75 to 84.75): VU040908.D (-442) (-)



#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040908.D

Acq: 22 Oct 2020 15:38

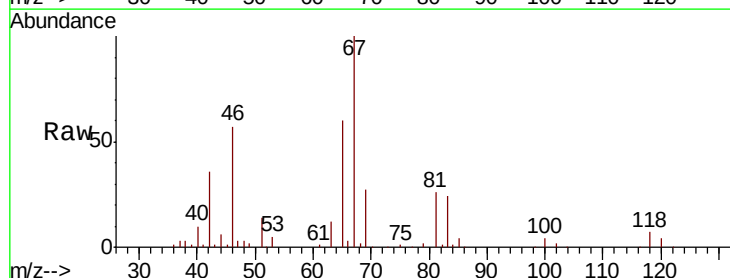
Tgt Ion: 83 Resp: 22501

Ion Ratio Lower Upper

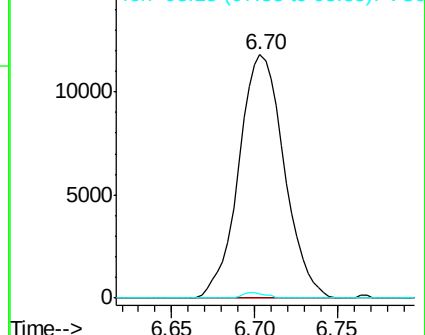
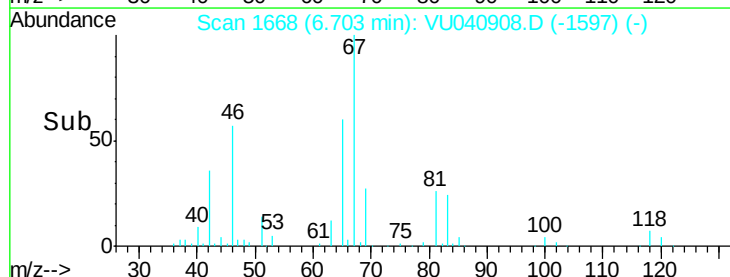
83 100

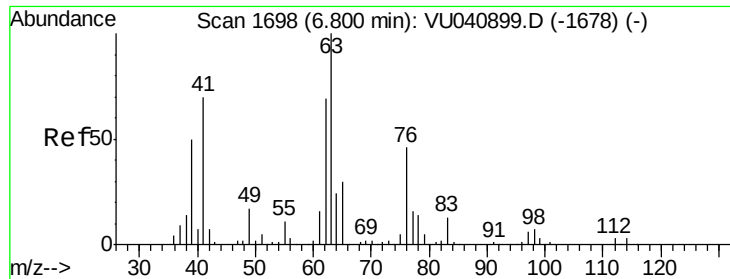
55 0.0 69.1 103.7#

98 1.1 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VU040908.D (-1597) (-)

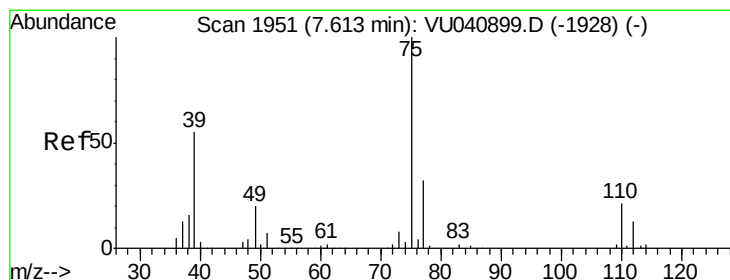
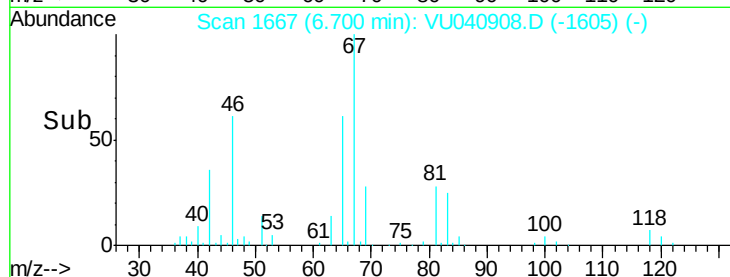
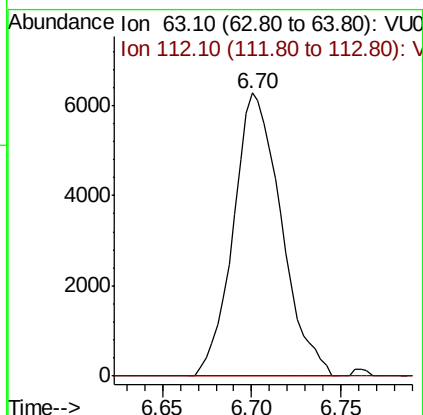
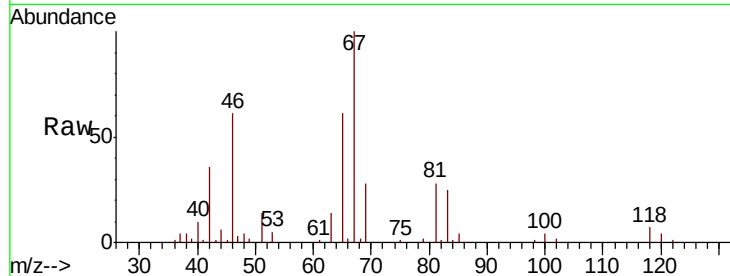




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040908.D
 Acq: 22 Oct 2020 15:38

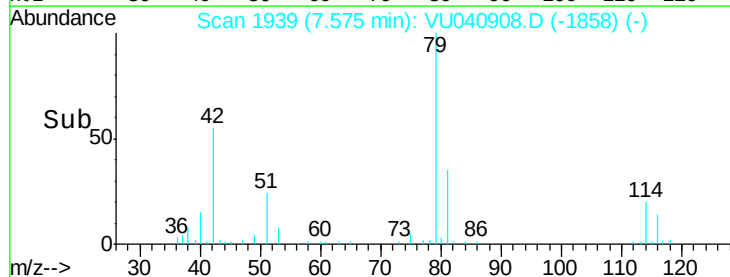
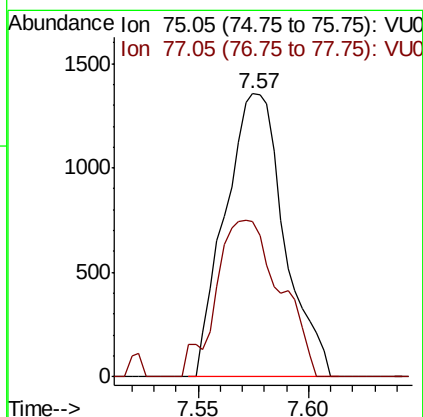
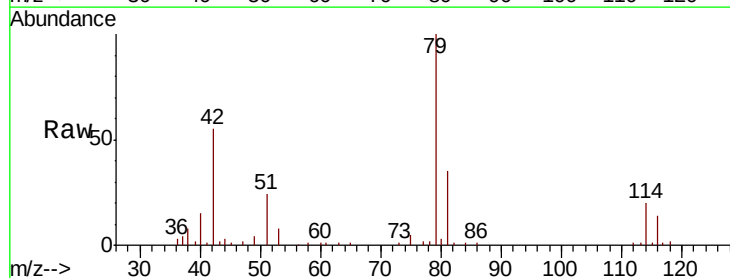
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

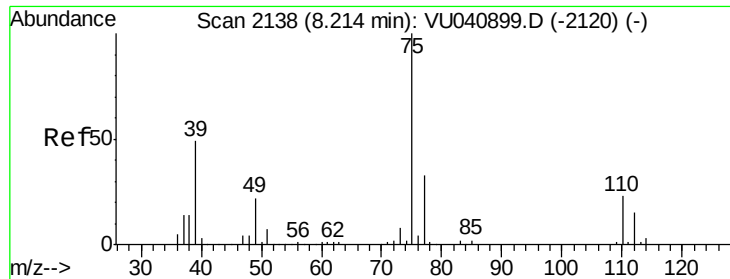
Tot Ion: 63 Resp: 11701
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040908.D
 Acq: 22 Oct 2020 15:38

Tgt Ion: 75 Resp: 2526
 Ion Ratio Lower Upper
 75 100
 77 54.8 21.6 40.2#

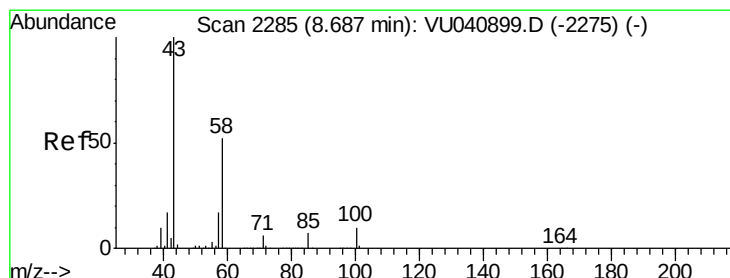
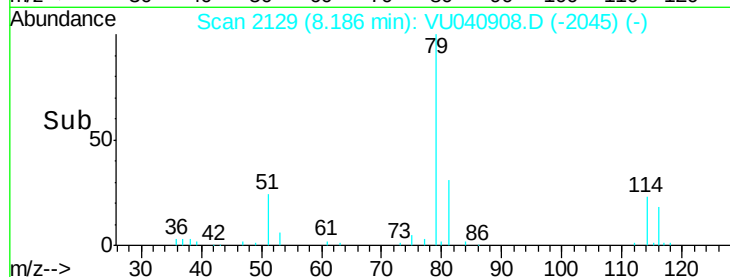
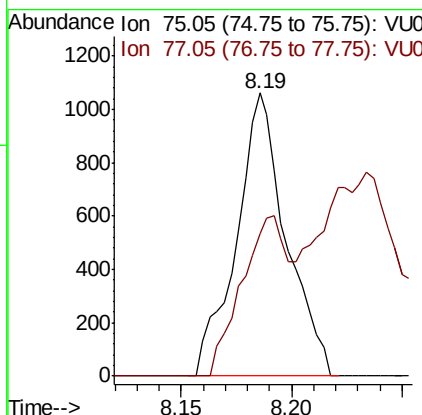
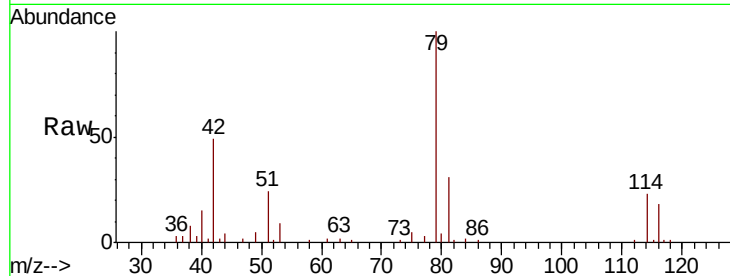




#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040908.D
Acq: 22 Oct 2020 15:38

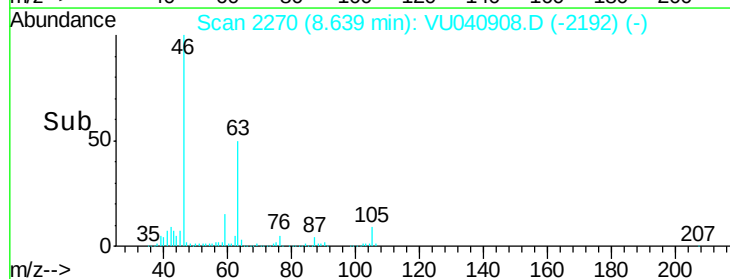
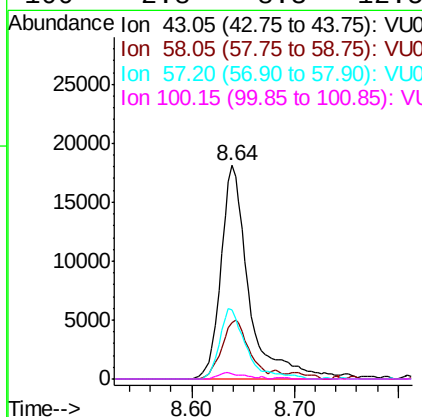
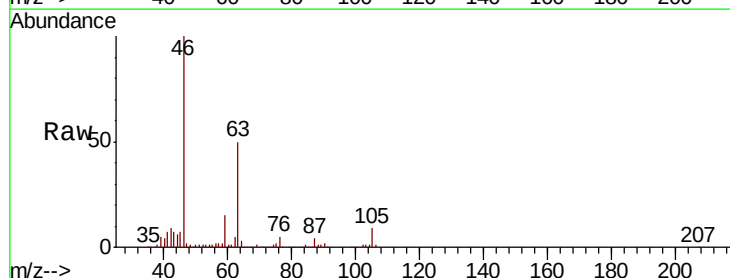
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

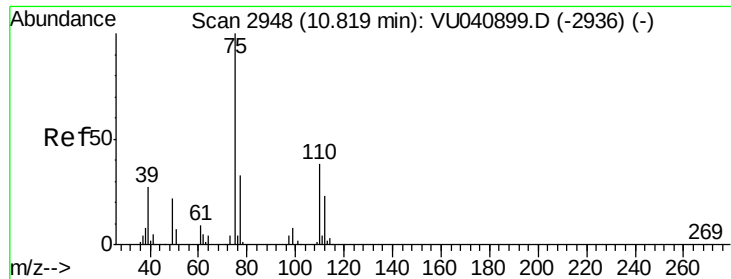
Tot Ion: 75 Resp: 1654
Ion Ratio Lower Upper
75 100
77 50.5 22.6 42.0#



#48
2-Hexanone
Concen: 3.605 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040908.D
Acq: 22 Oct 2020 15:38

Tgt Ion: 43 Resp: 34253
Ion Ratio Lower Upper
43 100
58 26.4 40.9 61.3#
57 31.4 14.4 21.6#
100 2.8 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 1.093 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040908.D

Acq: 22 Oct 2020 15:38

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 13831

Ion Ratio Lower Upper

75 100

77 37.0 27.5 41.3

