

Data File : VU032786.D
Acq On : 17 Jun 2019 16:41
Operator : JC/SP
Sample : K3383-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jun 18 02:43:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219702	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	209954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105795	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64835	43.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.36%
7) Chloroethane-d5	1.68	69	54069	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.27	63	101262	33.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.96%
21) 2-Butanone-d5	4.17	46	116188	92.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.97%
24) Chloroform-d	4.64	84	131664	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.30	65	89876	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.33	84	257190	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.32	67	83845	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.18%
41) Toluene-d8	7.56	98	235537	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.84	79	39888	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.96%
47) 2-Hexanone-d5	8.31	63	77000	94.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.58%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121924	45.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	98045	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

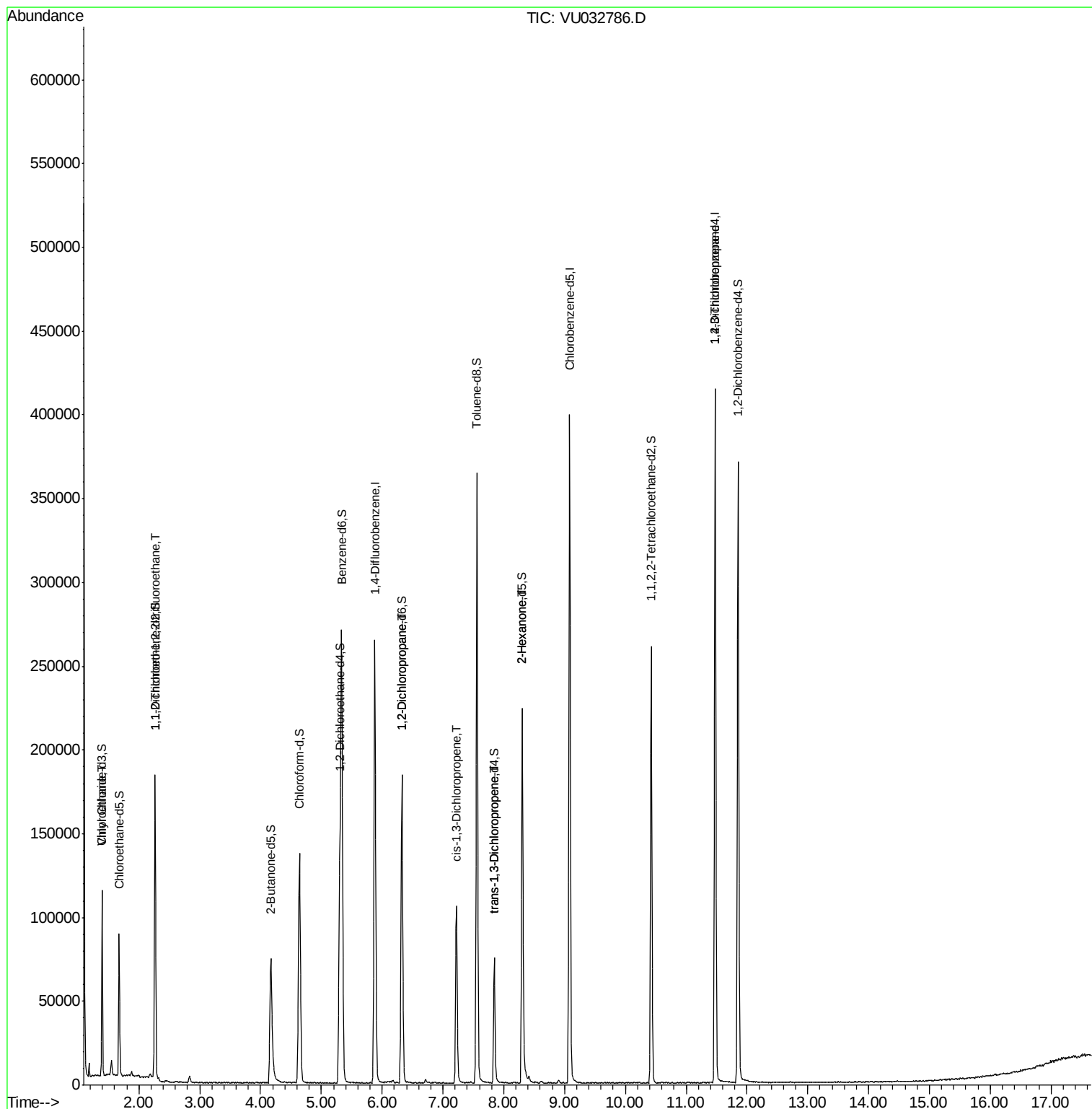
					Qvalue	
8) Chloroethane	1.40	64	983	0.856	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	869	0.592	ug/L #	17
37) 1,2-Dichloropropane	6.32	63	9927	5.983	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2880	1.114	ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1959	0.807	ug/L	98
48) 2-Hexanone	8.31	43	9805	4.196	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	13434	6.068	ug/L	91

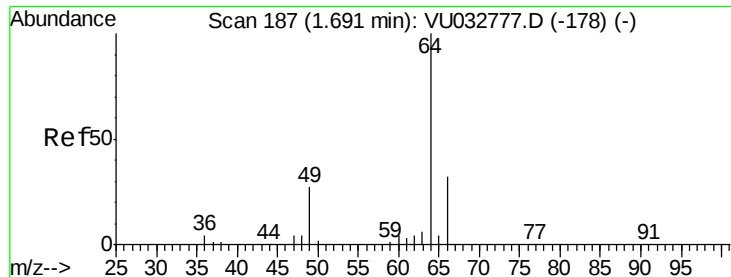
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.856 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032786.D

Acq: 17 Jun 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

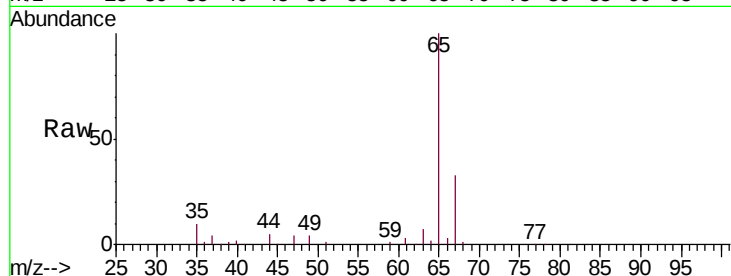
VHBLK02

Tgt Ion: 64 Resp: 983

Ion Ratio Lower Upper

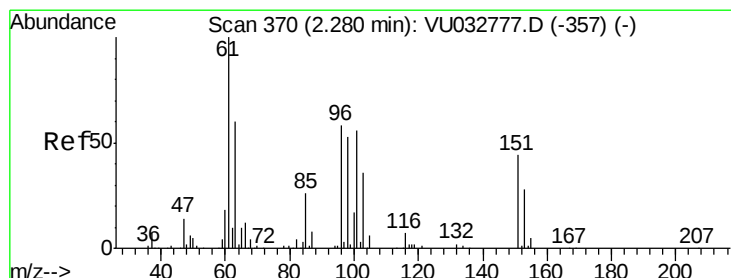
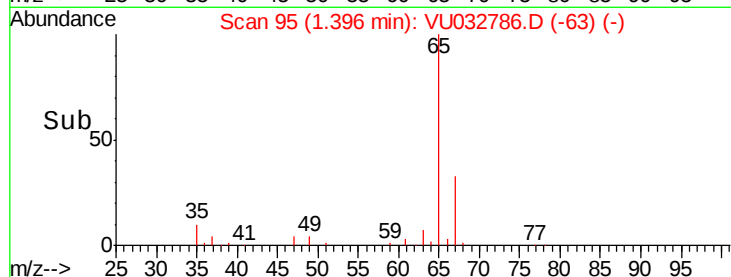
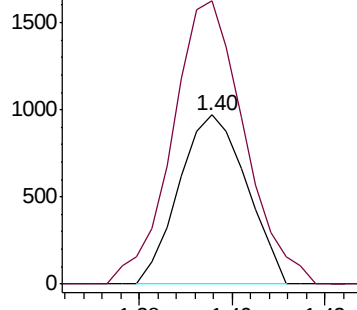
64 100

66 167.5 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU032777.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU032777.D (-178) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.592 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032786.D

Acq: 17 Jun 2019 16:41

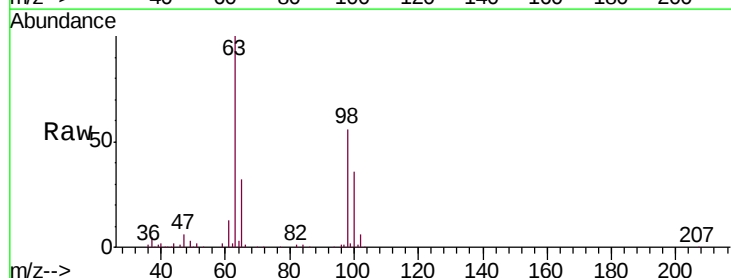
Tgt Ion: 101 Resp: 869

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

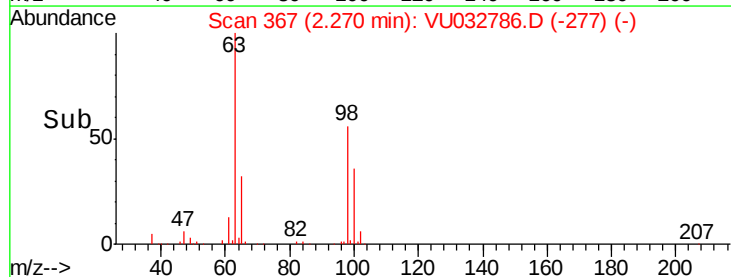
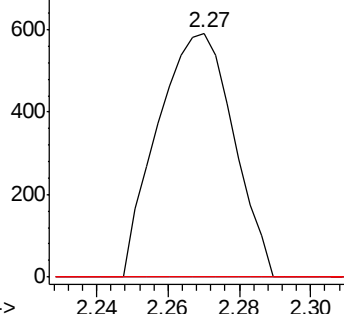
151 0.0 63.6 95.4#

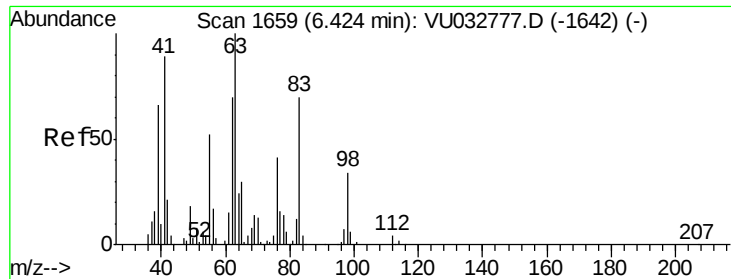


Abundance Ion 101.00 (100.70 to 101.70): VU032777.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU032777.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU032777.D (-357) (-)

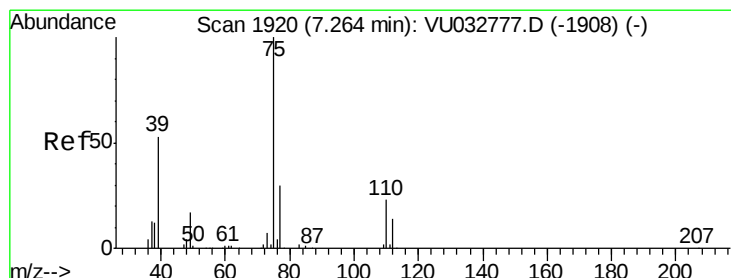
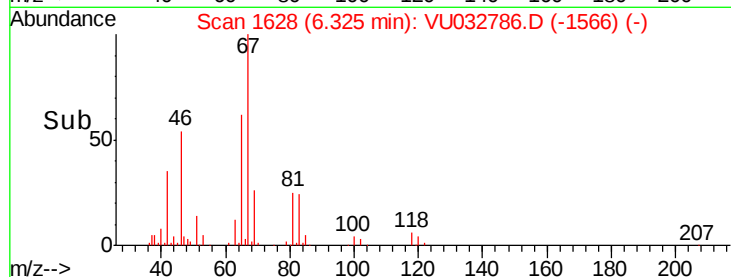
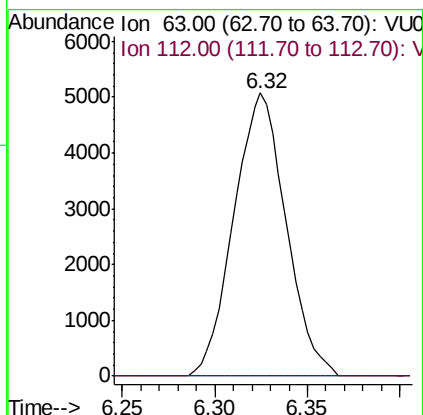
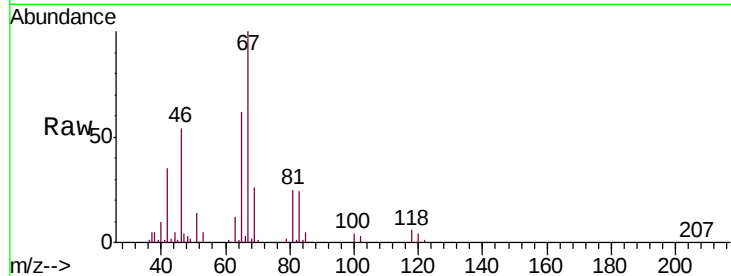




#37
 1,2-Dichloropropane
 Concen: 5.983 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032786.D
 Acq: 17 Jun 2019 16:41

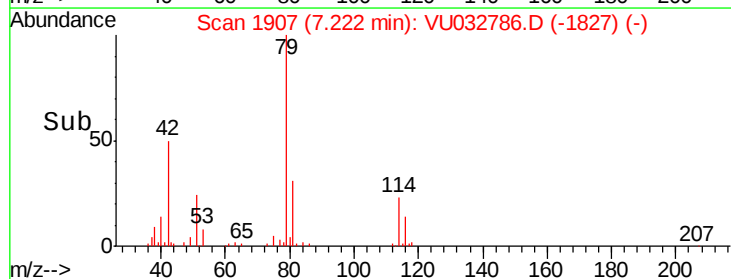
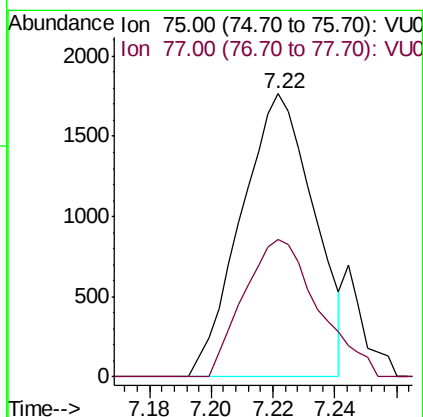
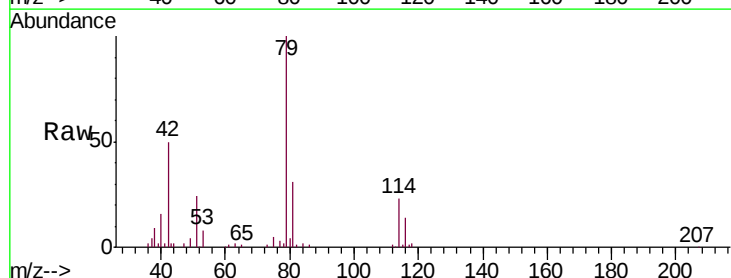
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

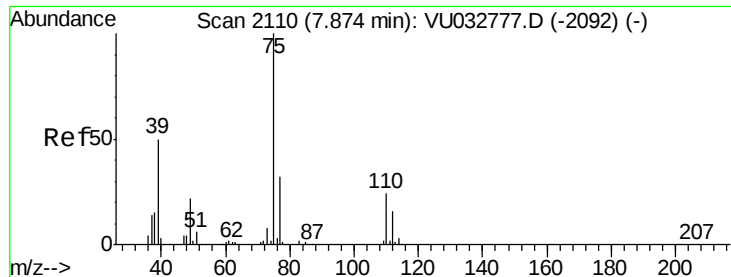
Tgt Ion: 63 Resp: 9927
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.114 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032786.D
 Acq: 17 Jun 2019 16:41

Tgt Ion: 75 Resp: 2880
 Ion Ratio Lower Upper
 75 100
 77 48.5 21.9 40.7#

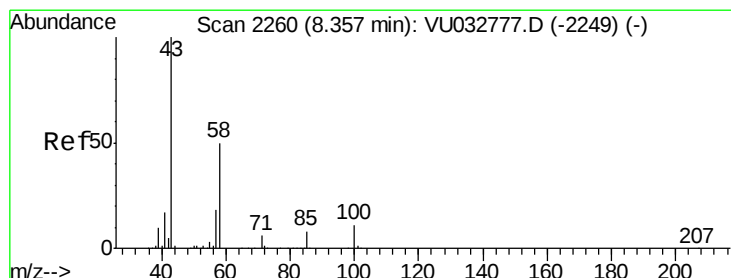
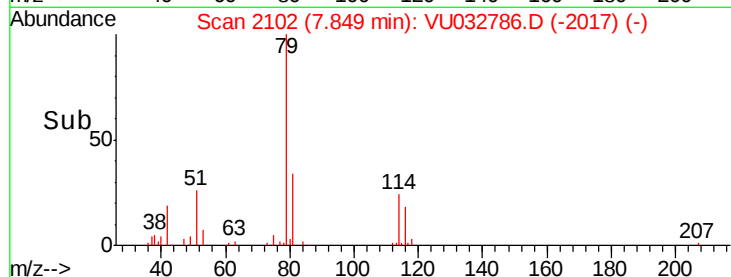
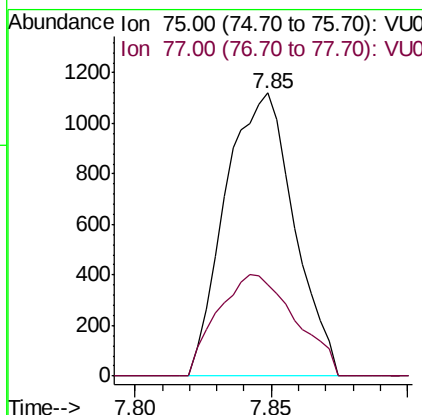
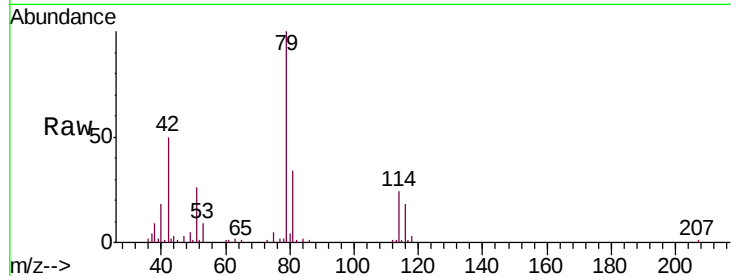




#44
trans-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032786.D
Acq: 17 Jun 2019 16:41

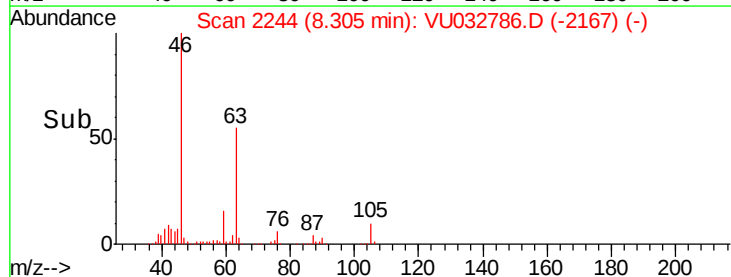
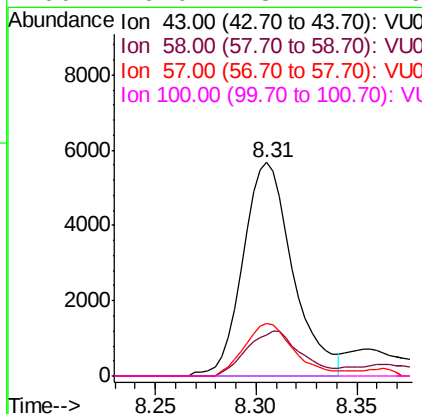
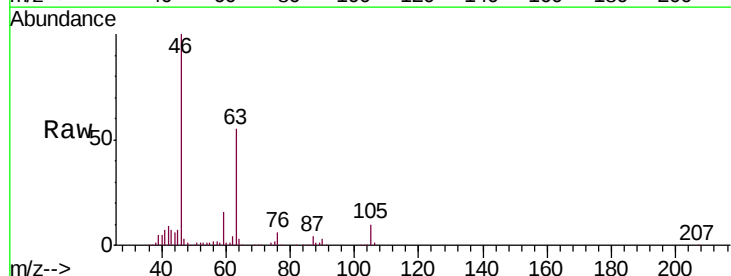
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

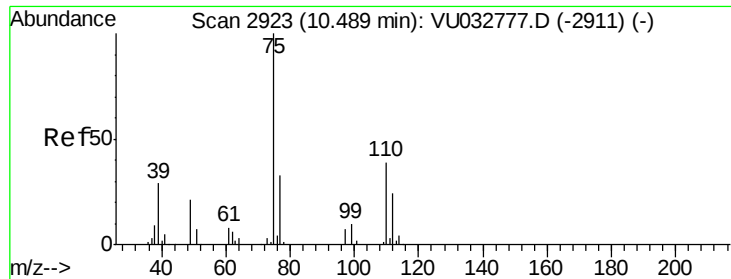
Tgt Ion: 75 Resp: 1959
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



#48
2-Hexanone
Concen: 4.196 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032786.D
Acq: 17 Jun 2019 16:41

Tgt Ion: 43 Resp: 9805
Ion Ratio Lower Upper
43 100
58 23.2 40.2 60.2#
57 24.0 14.2 21.4#
100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 6.068 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032786.D

Acq: 17 Jun 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 13434

Ion Ratio Lower Upper

75 100

77 36.8 25.5 38.3

