

Data File : VU033248.D
Acq On : 15 Jul 2019 11:01
Operator : JC/SP
Sample : K3760-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Jul 16 01:49:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:46:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	302376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102291	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.38%
7) Chloroethane-d5	1.67	69	92000	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.10%
11) 1,1-Dichloroethene-d2	2.26	63	134432	32.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	4.15	46	150795	103.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.97%
24) Chloroform-d	4.62	84	180952	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.29	65	121773	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
32) Benzene-d6	5.32	84	365260	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
36) 1,2-Dichloropropane-d6	6.31	67	119550	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.62%
41) Toluene-d8	7.55	98	328887	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.83	79	56364	48.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.76%
47) 2-Hexanone-d5	8.29	63	107628	100.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	177760	49.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	124604	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

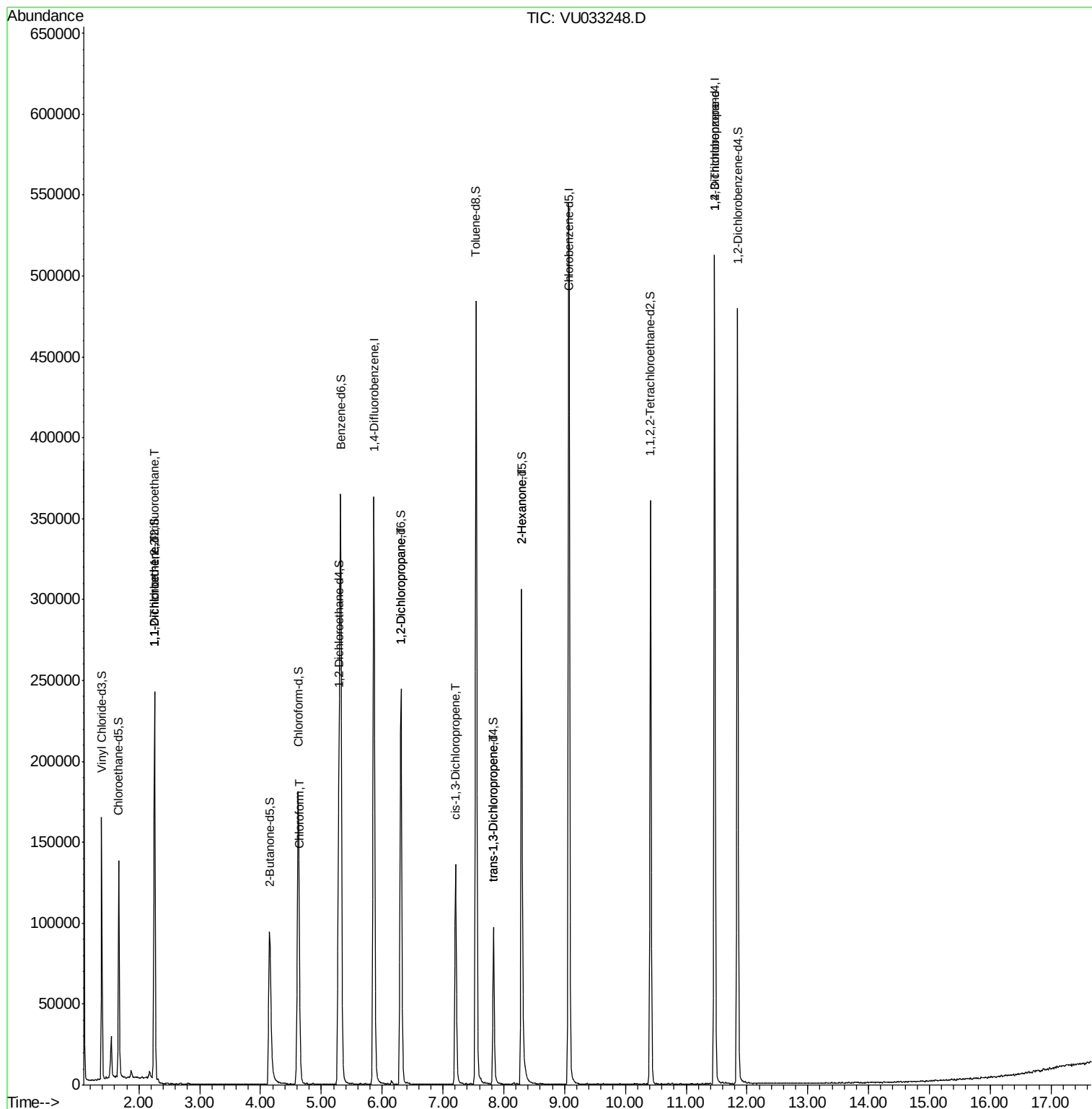
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1421	0.689	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1112	0.551	ug/L #	1
25) Chloroform	4.65	83	7367	1.728	ug/L	96
37) 1,2-Dichloropropane	6.31	63	13061	5.462	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3761	1.026	ug/L	90
44) trans-1,3-Dichloropropene	7.83	75	2475	0.749	ug/L	85
48) 2-Hexanone	8.29	43	12793	4.895	ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	16367	5.257	ug/L	92

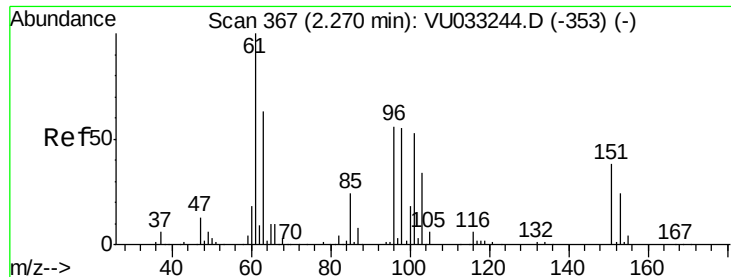
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.689 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033248.D

Acq: 15 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

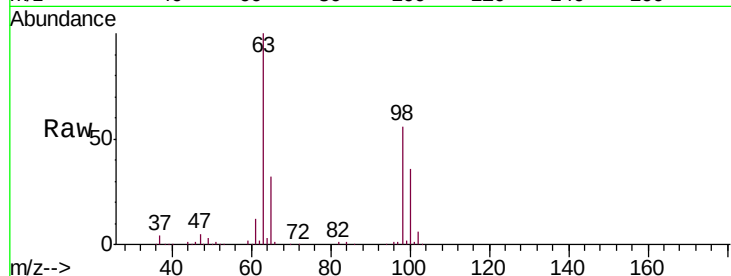
Tgt Ion: 101 Resp: 1421

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

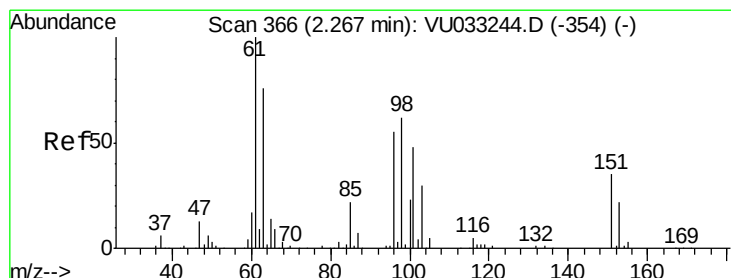
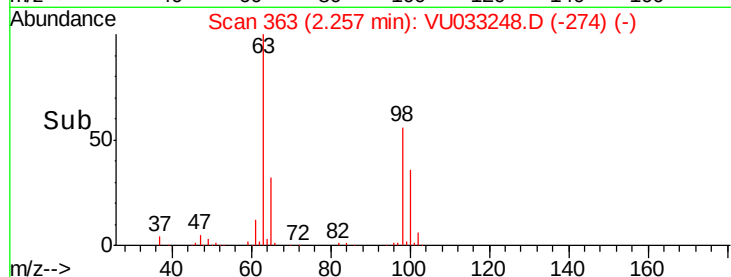
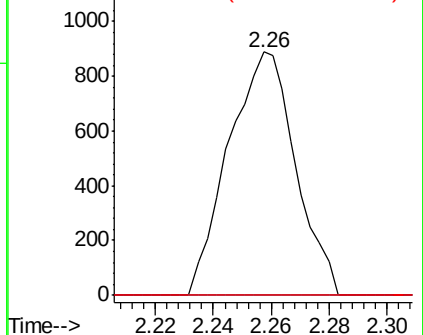
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.551 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033248.D

Acq: 15 Jul 2019 11:01

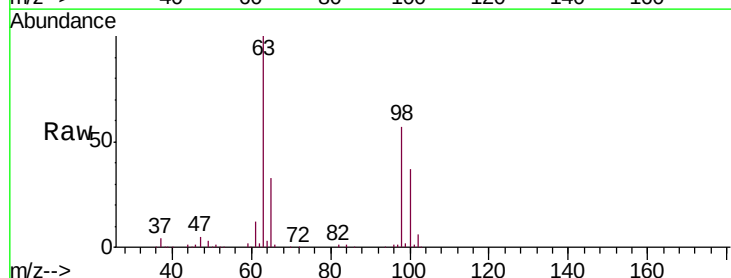
Tgt Ion: 96 Resp: 1112

Ion Ratio Lower Upper

96 100

61 1478.6 126.1 234.1#

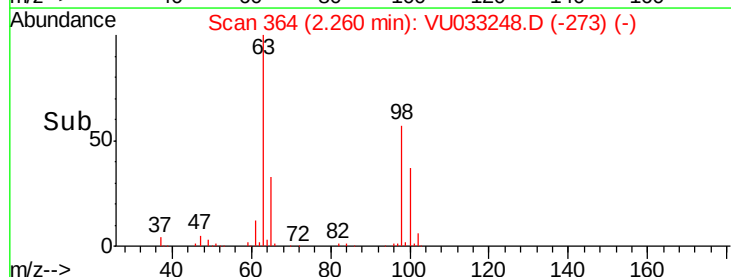
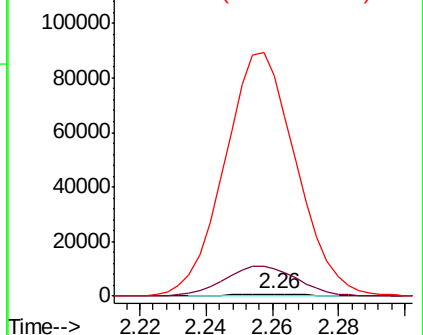
63 11882.2 96.8 179.8#

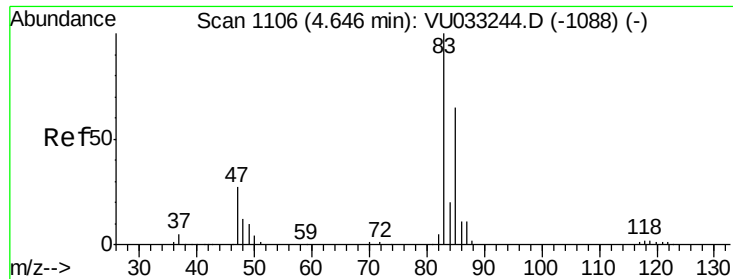


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

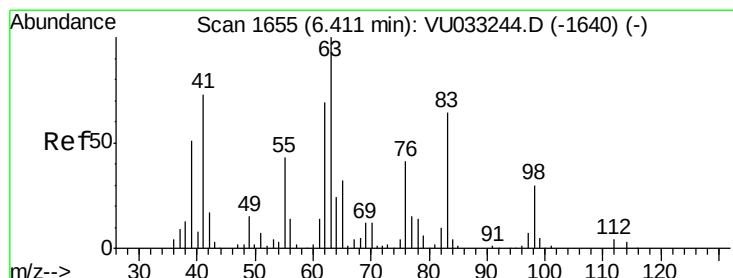
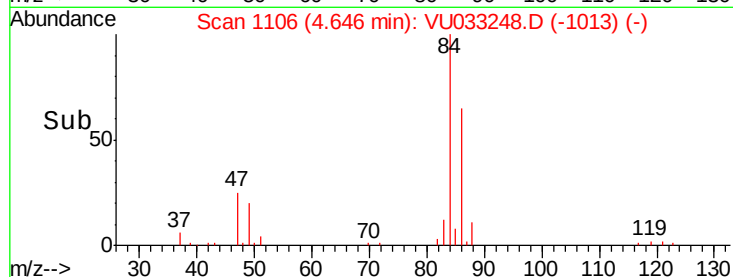
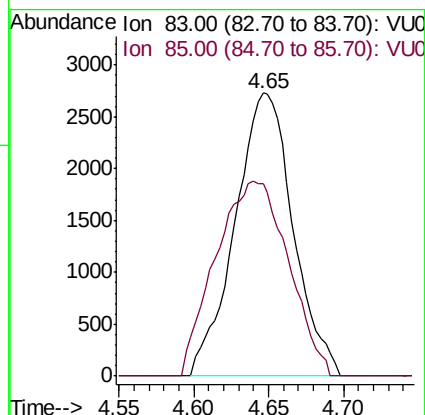
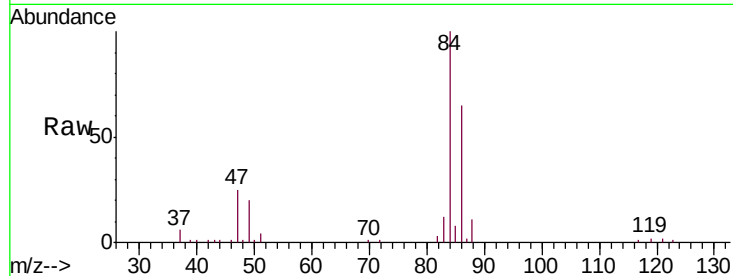




#25
Chloroform
Concen: 1.728 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033248.D
Acq: 15 Jul 2019 11:01

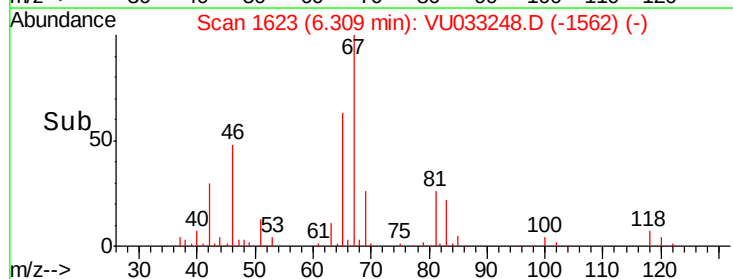
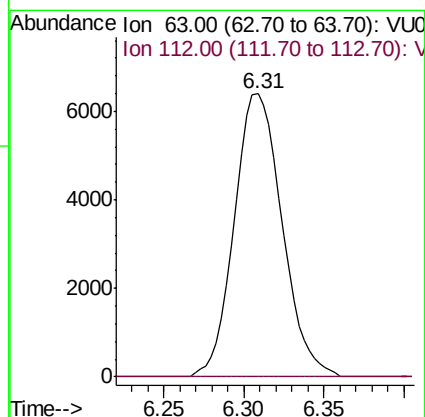
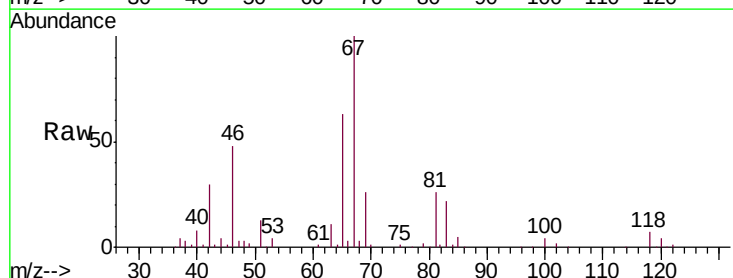
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

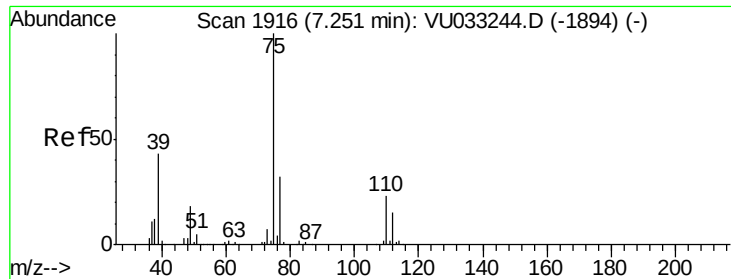
Tgt Ion: 83 Resp: 7367
Ion Ratio Lower Upper
83 100
85 68.2 45.4 84.4



#37
1,2-Dichloropropane
Concen: 5.462 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033248.D
Acq: 15 Jul 2019 11:01

Tgt Ion: 63 Resp: 13061
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#

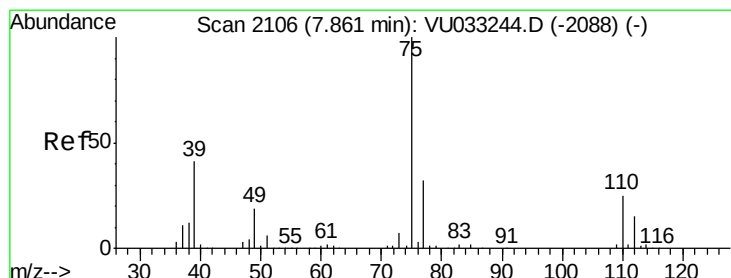
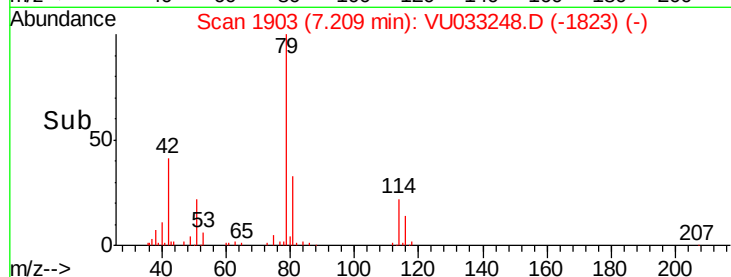
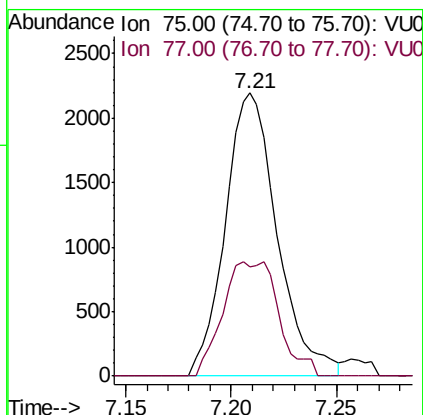
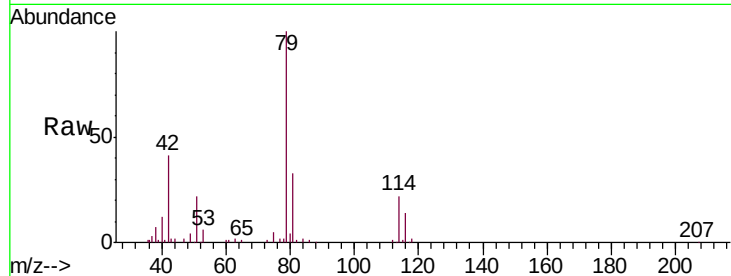




#39
 cis-1,3-Dichloropropene
 Concen: 1.026 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033248.D
 Acq: 15 Jul 2019 11:01

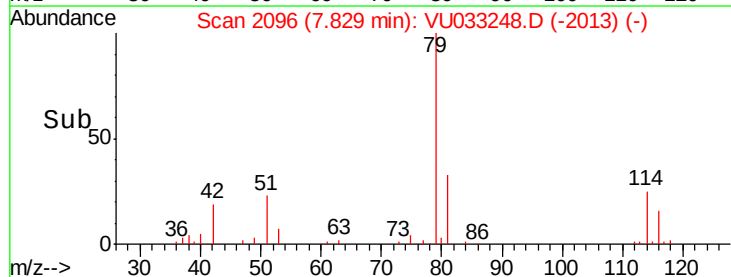
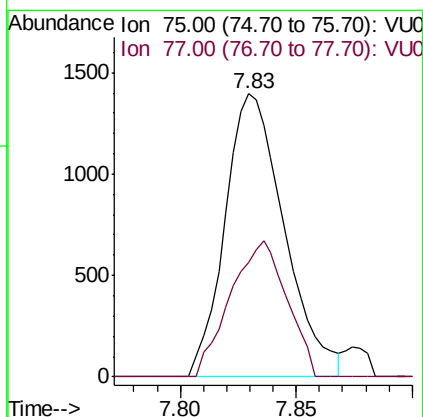
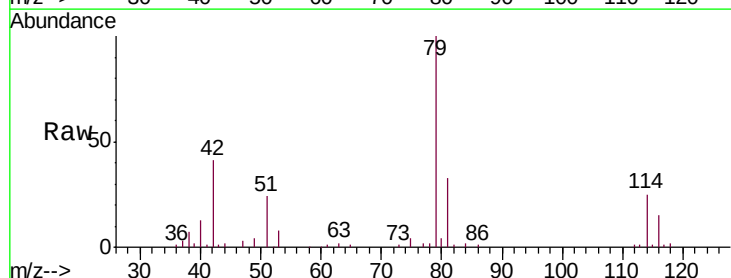
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

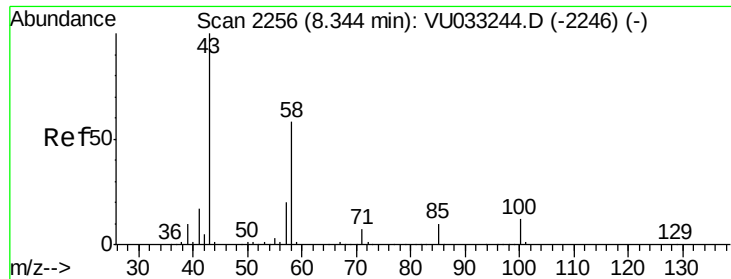
Tgt Ion: 75 Resp: 3761
 Ion Ratio Lower Upper
 75 100
 77 38.7 23.1 42.9



#44
 trans-1,3-Dichloropropene
 Concen: 0.749 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033248.D
 Acq: 15 Jul 2019 11:01

Tgt Ion: 75 Resp: 2475
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.4 41.6

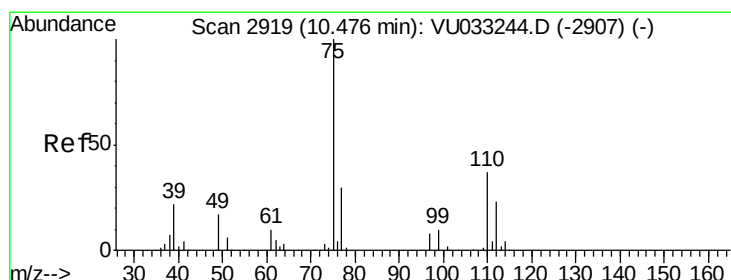
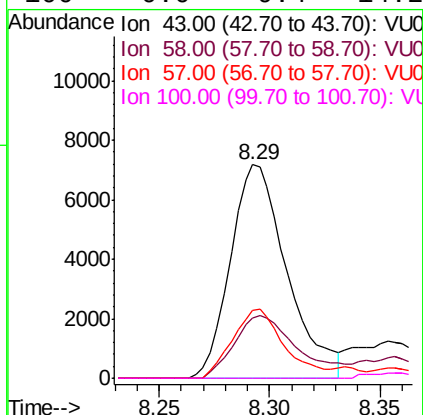
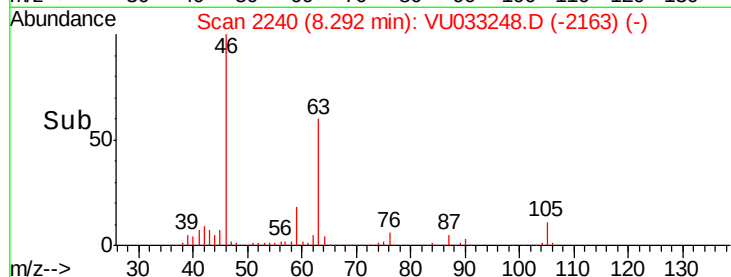
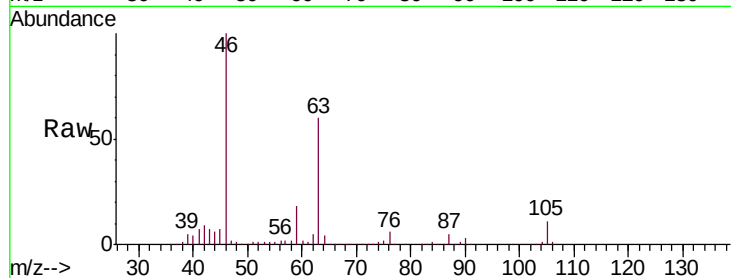




#48
2-Hexanone
Concen: 4.895 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU033248.D
Acq: 15 Jul 2019 11:01

Instrument :
MSVOA_U
ClientSampled :
VHBLK02

Tgt Ion: 43 Resp: 12793
Ion Ratio Lower Upper
43 100
58 32.8 46.1 69.1#
57 29.5 15.8 23.8#
100 0.0 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 5.257 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033248.D
Acq: 15 Jul 2019 11:01

Tgt Ion: 75 Resp: 16367
Ion Ratio Lower Upper
75 100
77 37.0 26.0 39.0

