

Data File : VU033464.D
Acq On : 26 Jul 2019 19:22
Operator : JC/SP
Sample : K3976-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jul 27 02:03:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	268430	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	119836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92201	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.74%
7) Chloroethane-d5	1.67	69	92041	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.04%
11) 1,1-Dichloroethene-d2	2.25	63	134647	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
21) 2-Butanone-d5	4.15	46	153517	119.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.23%
24) Chloroform-d	4.62	84	173315	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.29	65	121551	55.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.30%
32) Benzene-d6	5.32	84	344114	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.31	67	117723	53.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.86%
41) Toluene-d8	7.55	98	299451	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.83	79	48263	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.29	63	106905	108.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	182443	55.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	120270	56.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.56%

Target Compounds

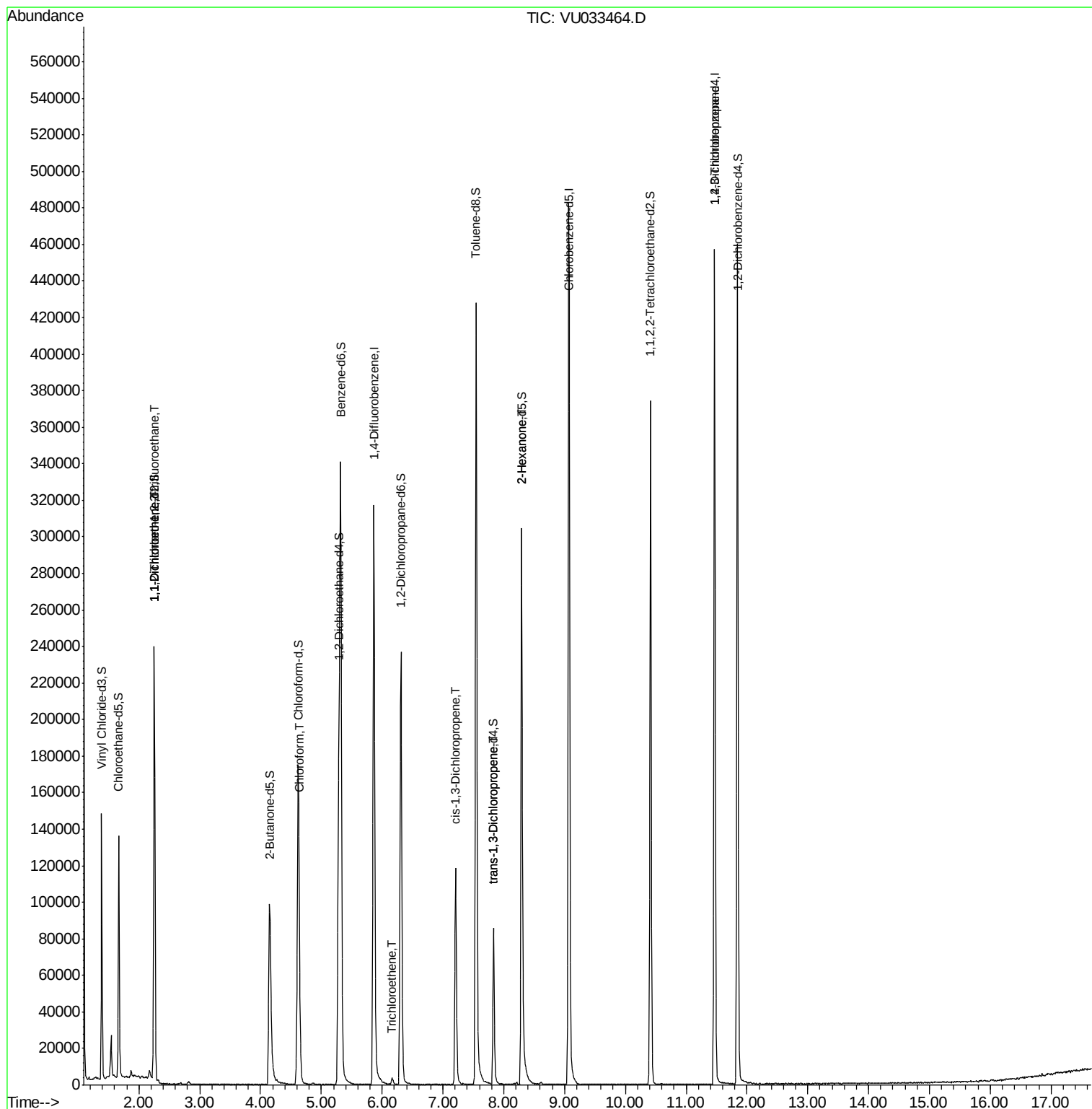
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1381	0.754	ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1107	0.618	ug/L #	1
25) Chloroform	4.64	83	11354	2.999	ug/L	99
34) Trichloroethene	6.17	95	995	0.470	ug/L	92
39) cis-1,3-Dichloropropene	7.21	75	3159	0.938	ug/L #	68
44) trans-1,3-Dichloropropene	7.83	75	2308	0.760	ug/L	93
48) 2-Hexanone	8.30	43	12600	5.248	ug/L #	72
59) 1,2,3-Trichloropropane	11.47	75	14750	5.157	ug/L	94

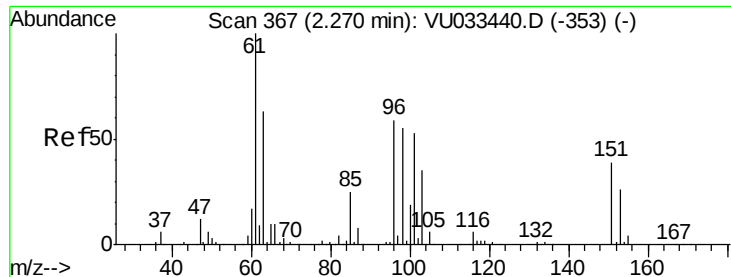
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.754 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033464.D

Acq: 26 Jul 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

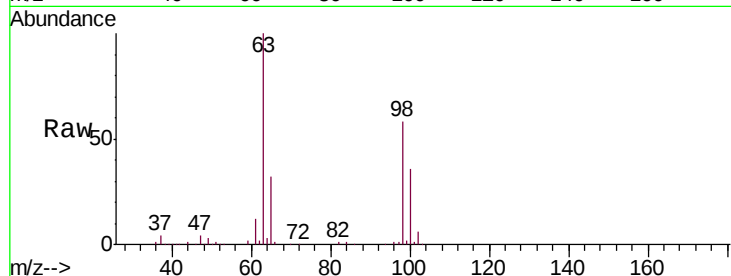
Tgt Ion: 101 Resp: 1381

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

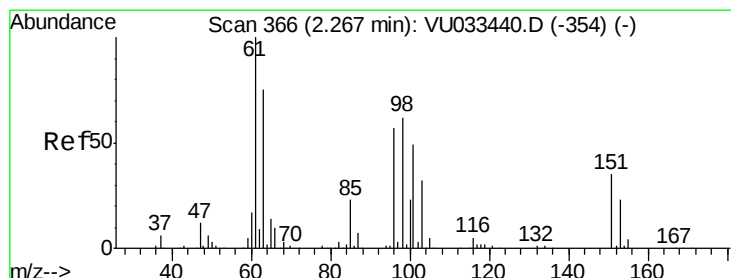
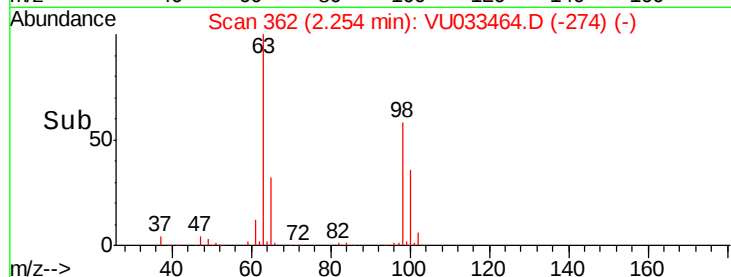
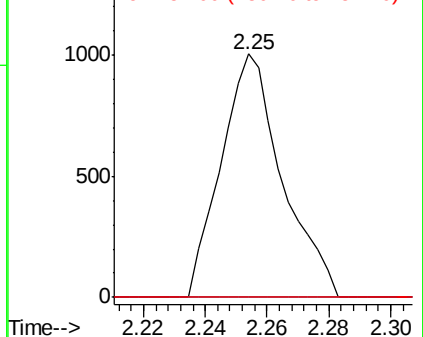
151 0.0 56.7 85.1#



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: 0.618 ug/L

RT: 2.25 min Scan# 361

Delta R.T. -0.02 min

Lab File: VU033464.D

Acq: 26 Jul 2019 19:22

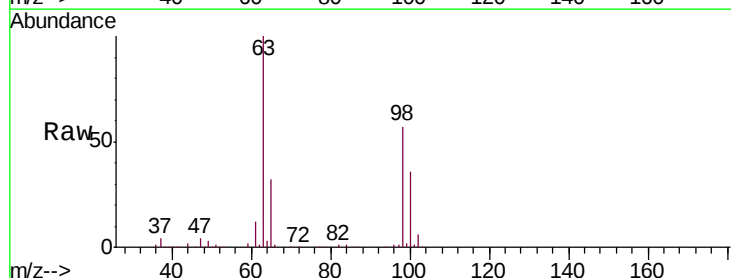
Tgt Ion: 96 Resp: 1107

Ion Ratio Lower Upper

96 100

61 1485.1 126.1 234.1#

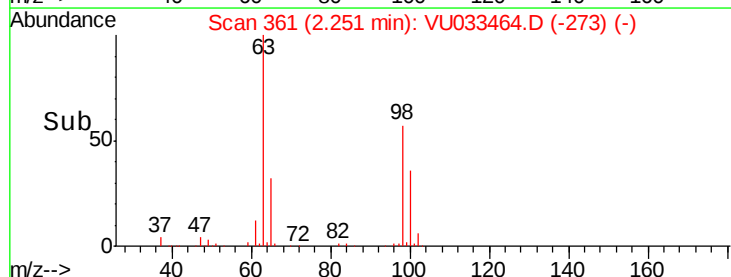
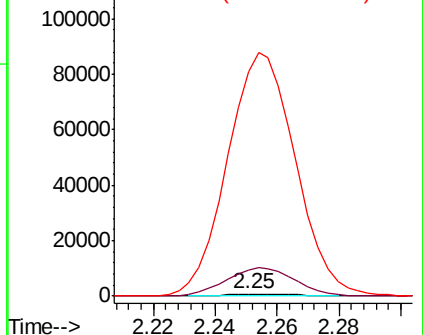
63 12609.6 96.8 179.8#

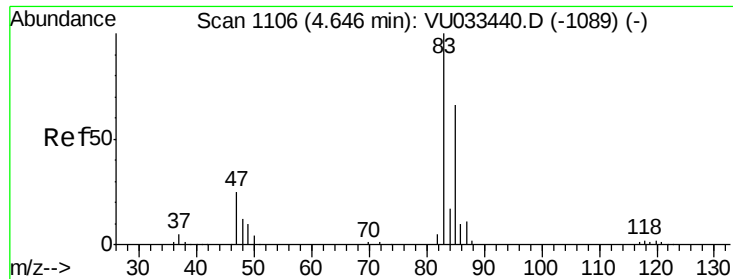


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

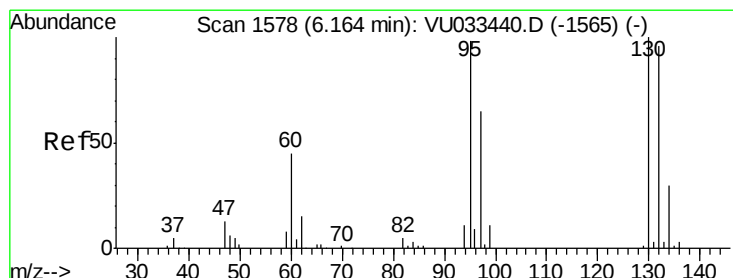
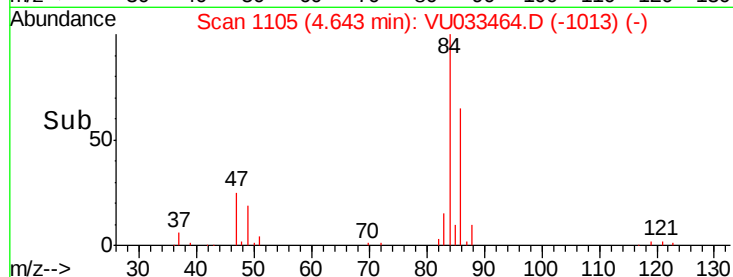
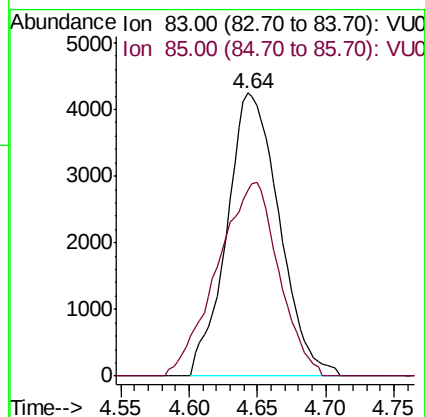
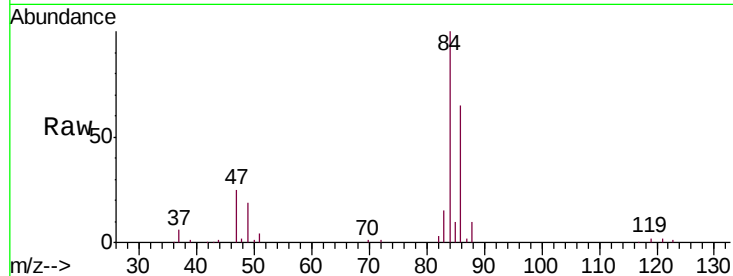




#25
Chloroform
Concen: 2.999 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU033464.D
Acq: 26 Jul 2019 19:22

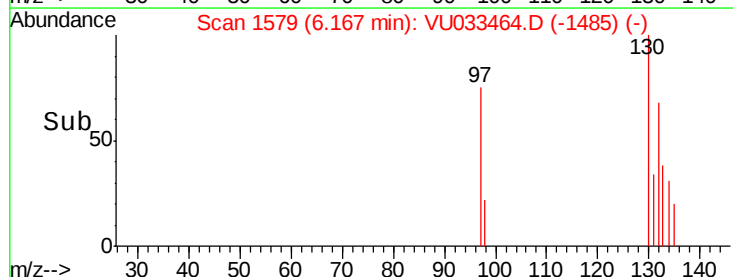
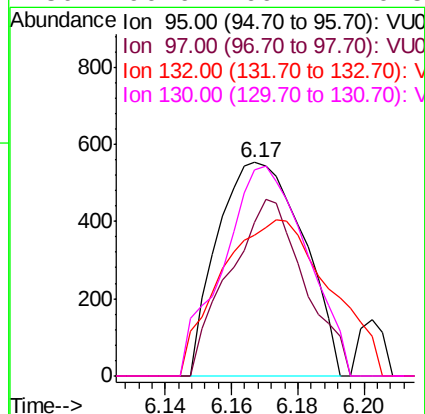
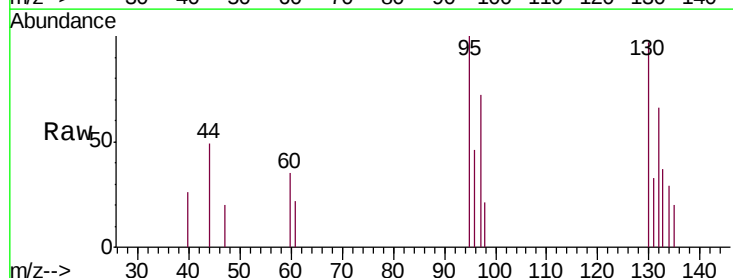
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

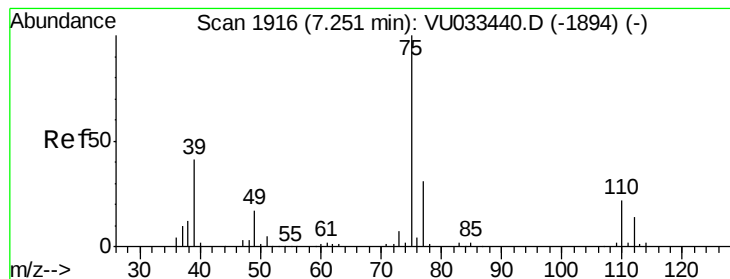
Tgt Ion: 83 Resp: 11354
Ion Ratio Lower Upper
83 100
85 65.8 45.4 84.4



#34
Trichloroethene
Concen: 0.470 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033464.D
Acq: 26 Jul 2019 19:22

Tgt Ion: 95 Resp: 995
Ion Ratio Lower Upper
95 100
97 72.2 43.8 81.4
132 103.1 65.5 121.6
130 96.6 69.7 129.5



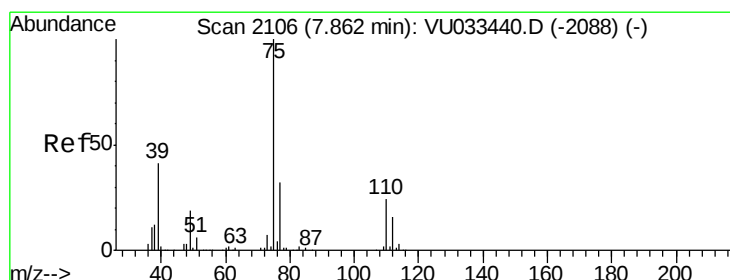
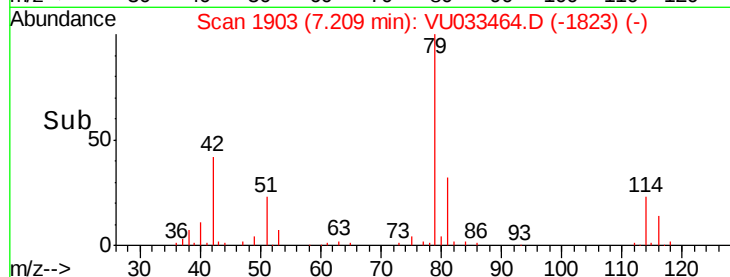
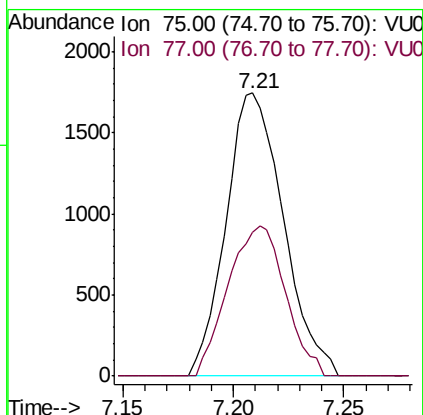
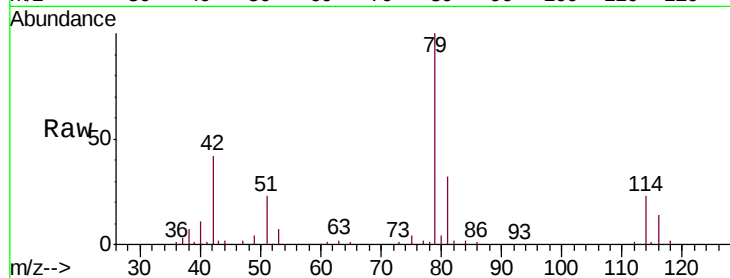


#39

cis-1,3-Dichloropropene
Concen: 0.938 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033464.D
Acq: 26 Jul 2019 19:22

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

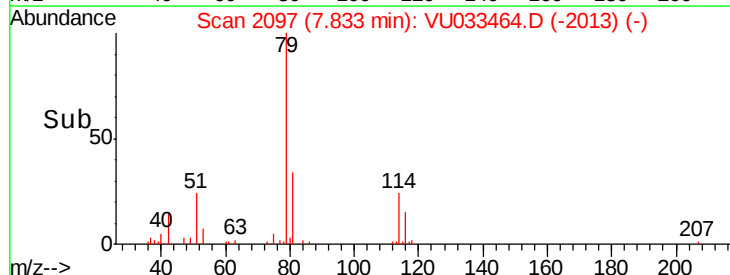
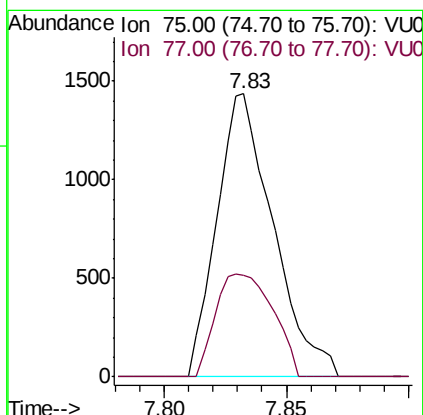
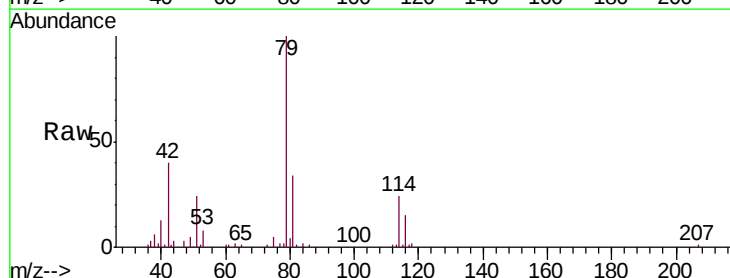
Tgt Ion: 75 Resp: 3159
Ion Ratio Lower Upper
75 100
77 50.9 23.1 42.9#

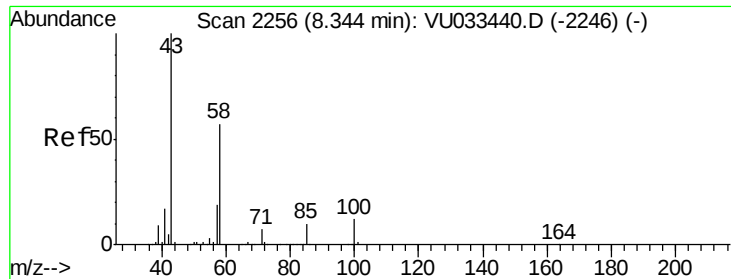


#44

trans-1,3-Dichloropropene
Concen: 0.760 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033464.D
Acq: 26 Jul 2019 19:22

Tgt Ion: 75 Resp: 2308
Ion Ratio Lower Upper
75 100
77 36.1 22.4 41.6

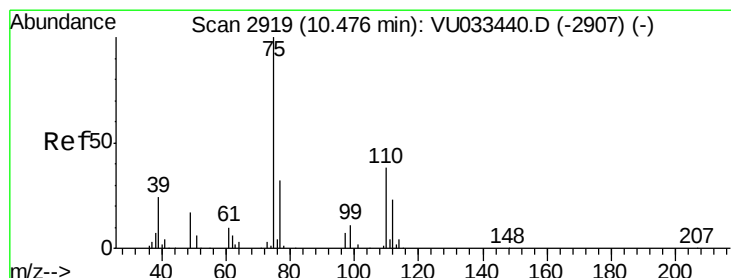
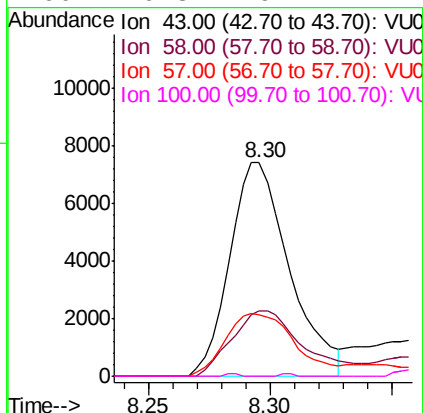
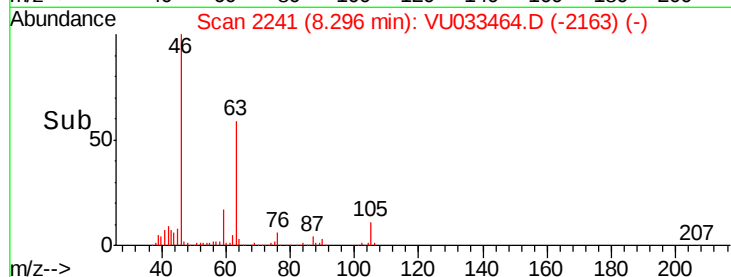
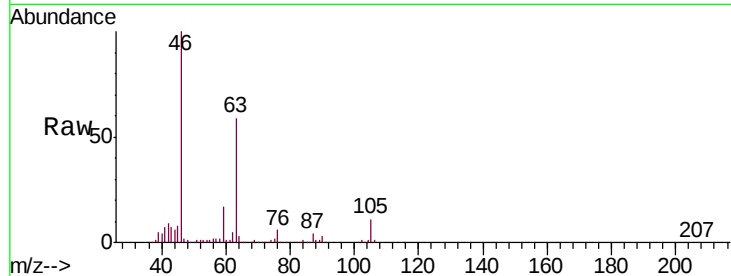




#48
 2-Hexanone
 Concen: 5.248 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033464.D
 Acq: 26 Jul 2019 19:22

Instrument :
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 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 12600
 Ion Ratio Lower Upper
 43 100
 58 37.9 46.1 69.1#
 57 34.0 15.8 23.8#
 100 0.3 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.157 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033464.D
 Acq: 26 Jul 2019 19:22

Tgt Ion: 75 Resp: 14750
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.0 39.0

