

Data File : VU033447.D
Acq On : 26 Jul 2019 12:52
Operator : JC/SP
Sample : K3957-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jul 27 02:01:28 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	5.87	114	263715	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	116733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	95649	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.82%
7) Chloroethane-d5	1.67	69	93612	54.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.78%
11) 1,1-Dichloroethene-d2	2.25	63	136880	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.60%
21) 2-Butanone-d5	4.15	46	152573	120.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.62%
24) Chloroform-d	4.62	84	178960	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.98%
26) 1,2-Dichloroethane-d4	5.29	65	119676	55.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.54%
32) Benzene-d6	5.32	84	353469	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
36) 1,2-Dichloropropane-d6	6.31	67	119086	54.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.56%
41) Toluene-d8	7.55	98	308712	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%
43) trans-1,3-Dichloropropene-	7.83	79	49823	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.48%
47) 2-Hexanone-d5	8.29	63	102698	104.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	181993	55.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	120364	57.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.64%

Target Compounds

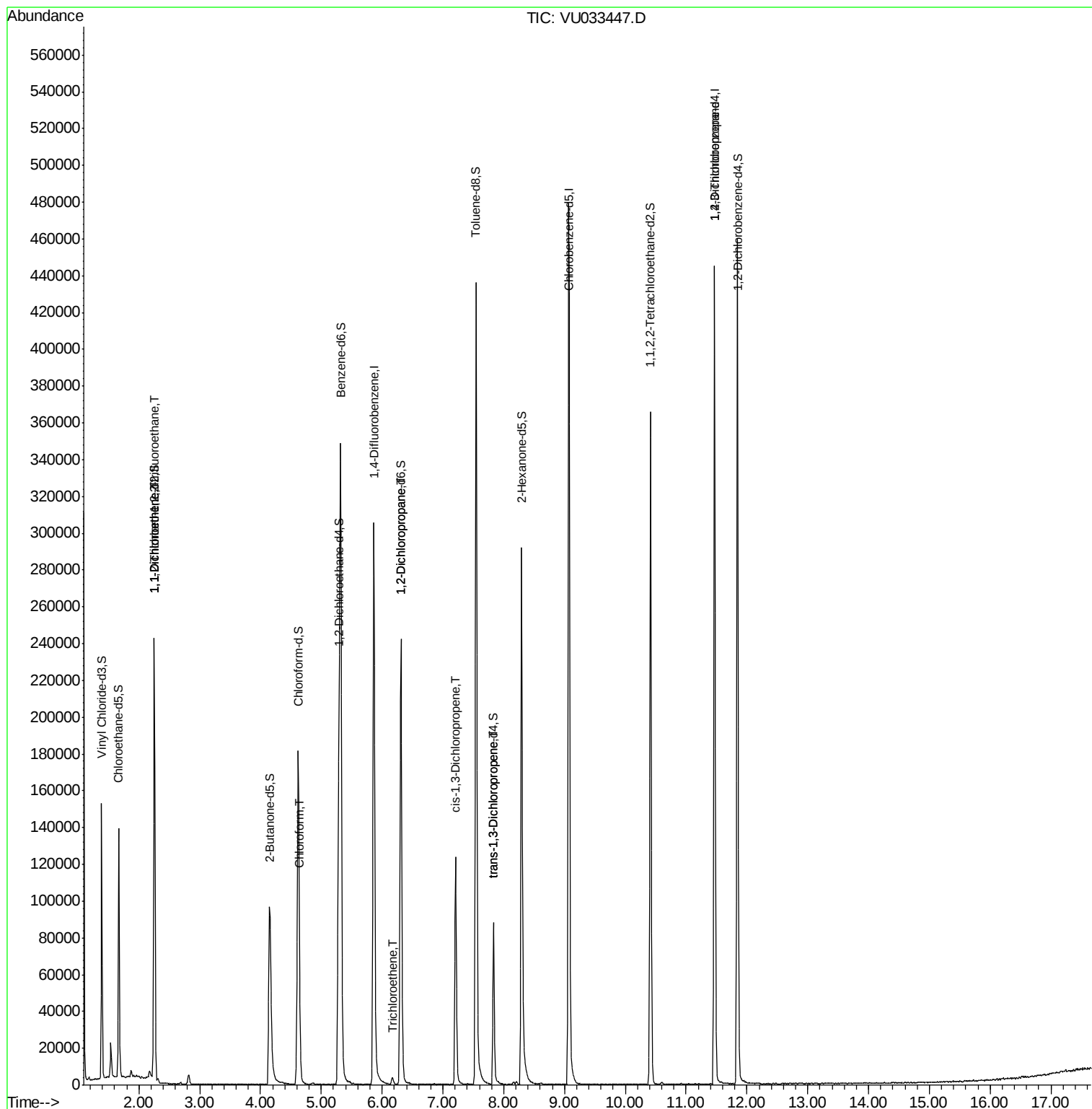
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1342	0.746 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1103	0.627 ug/L #	1
25) Chloroform	4.65	83	6424	1.727 ug/L	93
34) Trichloroethene	6.17	95	1332	0.631 ug/L	89
37) 1,2-Dichloropropane	6.31	63	12945	5.917 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3204	0.955 ug/L #	73
44) trans-1,3-Dichloropropene	7.83	75	2275	0.752 ug/L #	76
59) 1,2,3-Trichloropropane	11.47	75	14043	4.931 ug/L	90

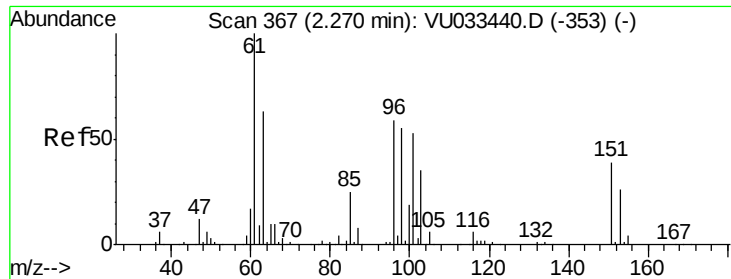
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.746 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033447.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

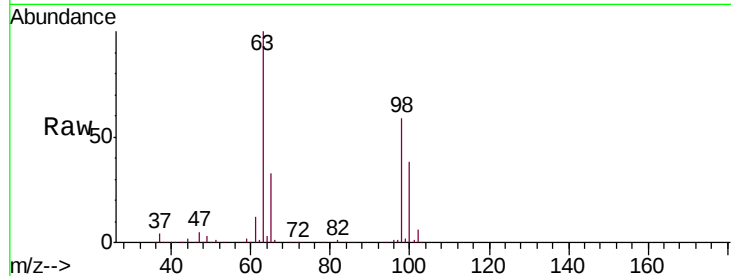
Tgt Ion: 101 Resp: 1342

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

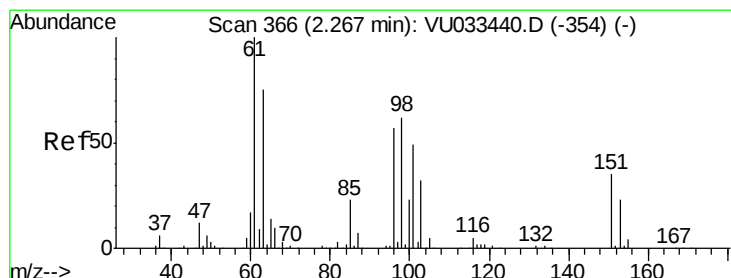
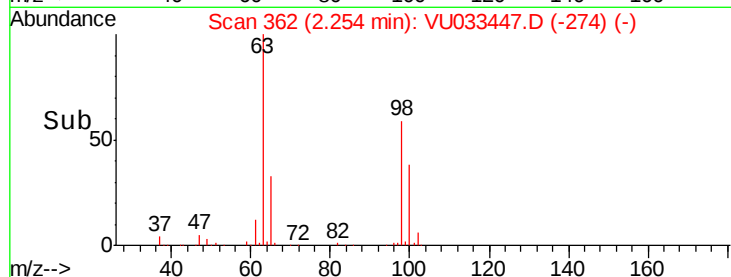
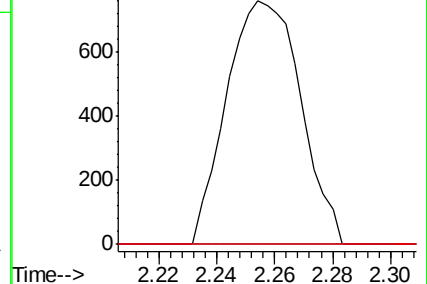
151 0.0 56.7 85.1#



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: 0.627 ug/L

RT: 2.25 min Scan# 361

Delta R.T. -0.02 min

Lab File: VU033447.D

Acq: 26 Jul 2019 12:52

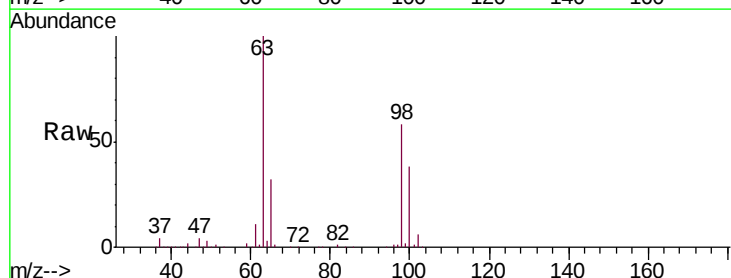
Tgt Ion: 96 Resp: 1103

Ion Ratio Lower Upper

96 100

61 1421.6 126.1 234.1#

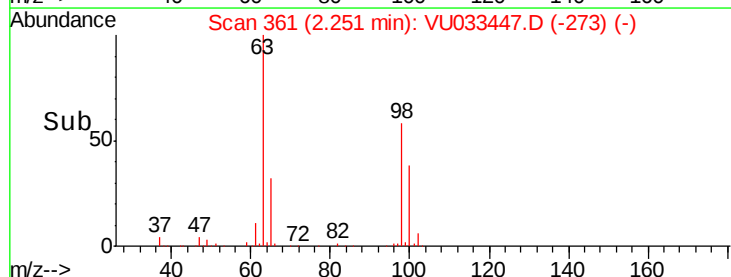
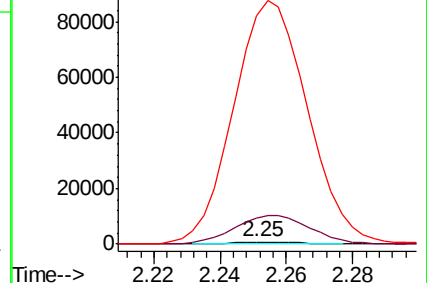
63 12451.4 96.8 179.8#

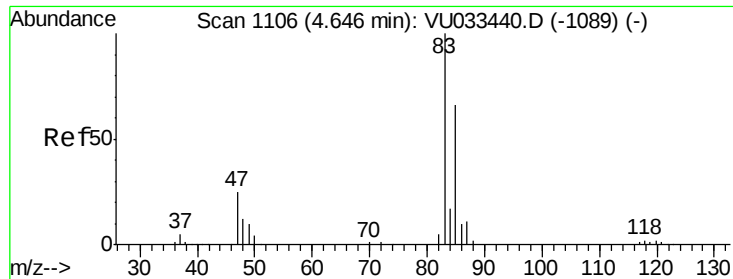


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

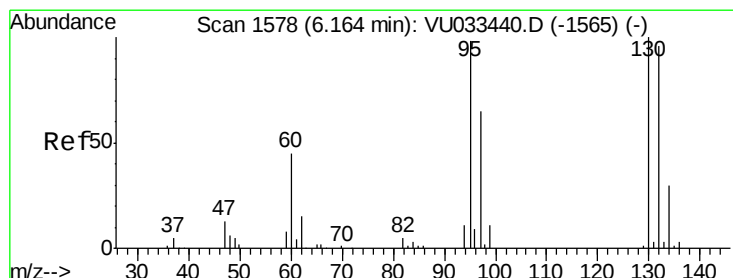
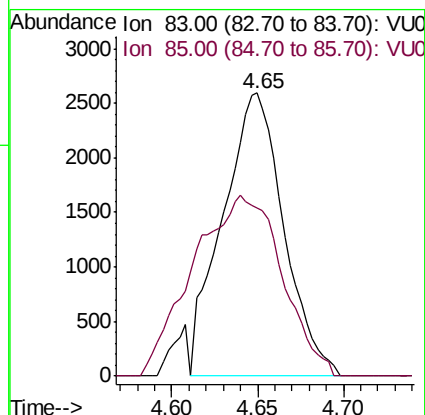
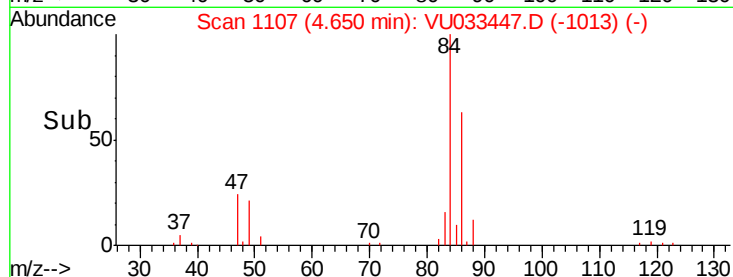
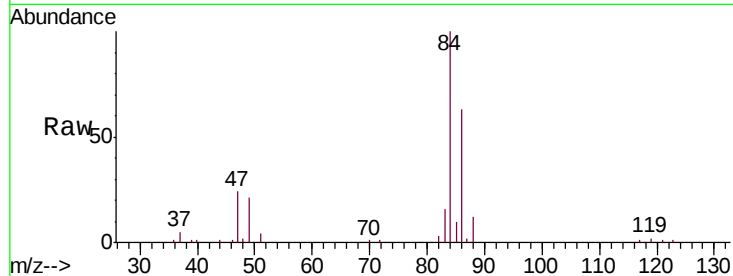




#25
Chloroform
Concen: 1.727 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033447.D
Acq: 26 Jul 2019 12:52

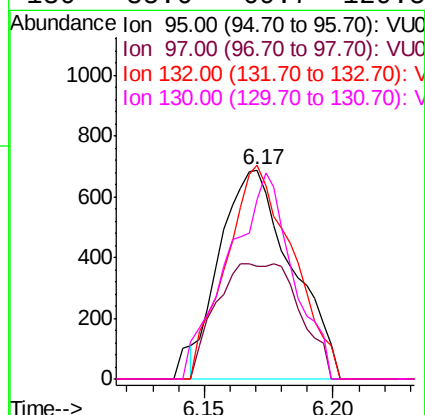
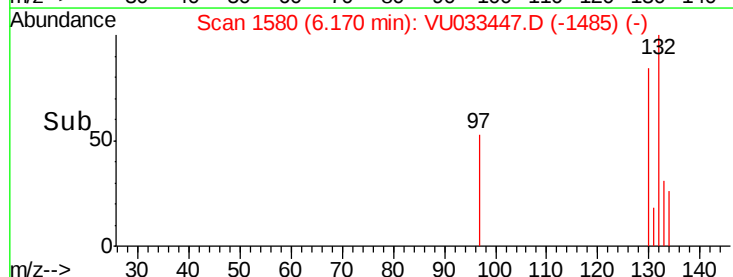
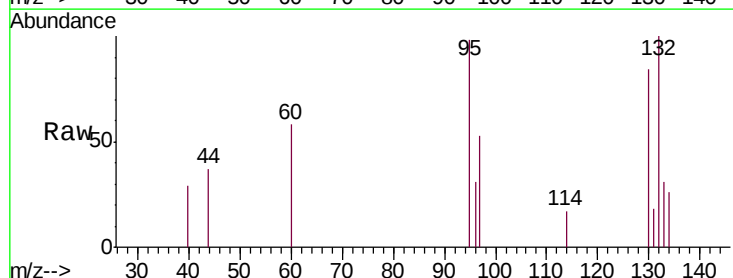
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

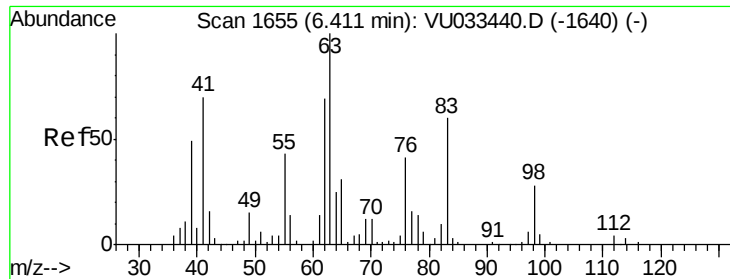
Tgt Ion: 83 Resp: 6424
Ion Ratio Lower Upper
83 100
85 59.6 45.4 84.4



#34
Trichloroethene
Concen: 0.631 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033447.D
Acq: 26 Jul 2019 12:52

Tgt Ion: 95 Resp: 1332
Ion Ratio Lower Upper
95 100
97 54.2 43.8 81.4
132 102.3 65.5 121.6
130 85.6 69.7 129.5

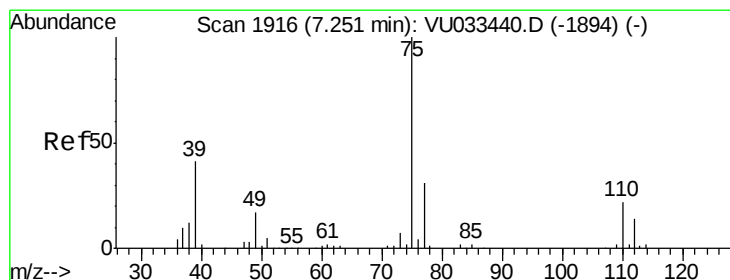
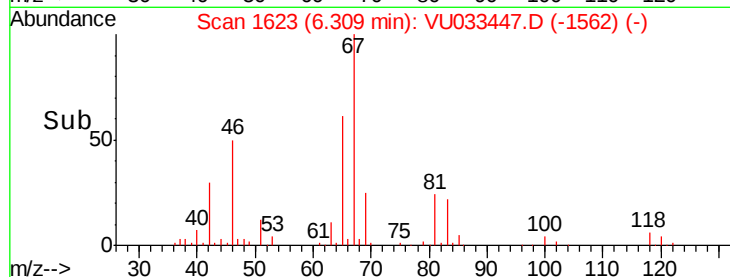
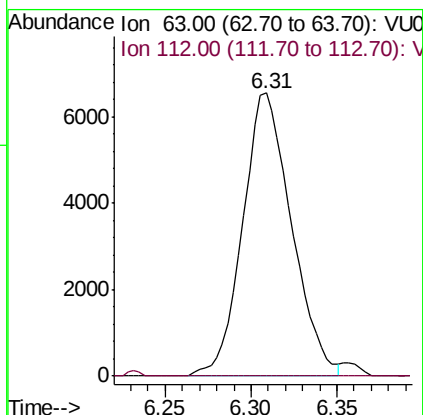
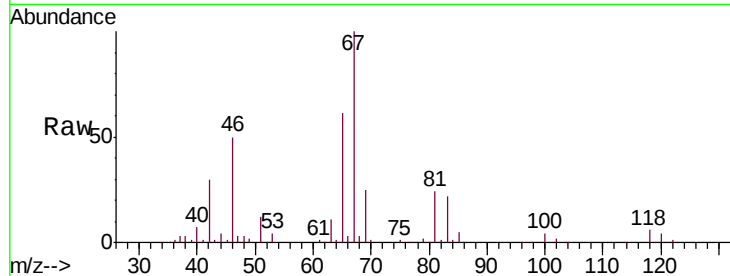




#37
 1,2-Dichloropropane
 Concen: 5.917 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033447.D
 Acq: 26 Jul 2019 12:52

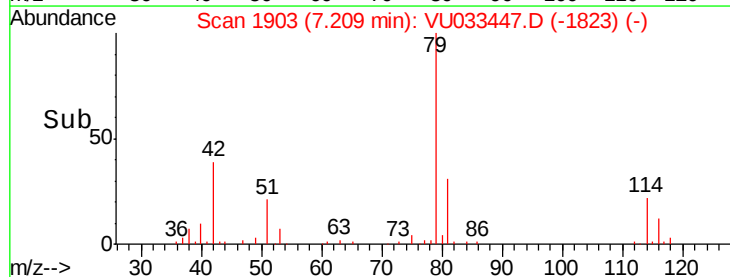
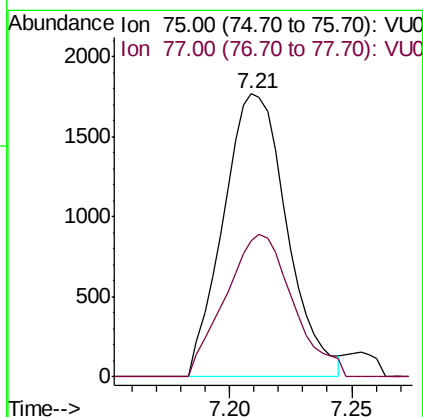
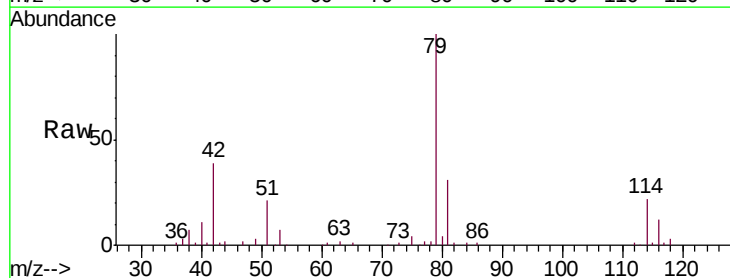
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

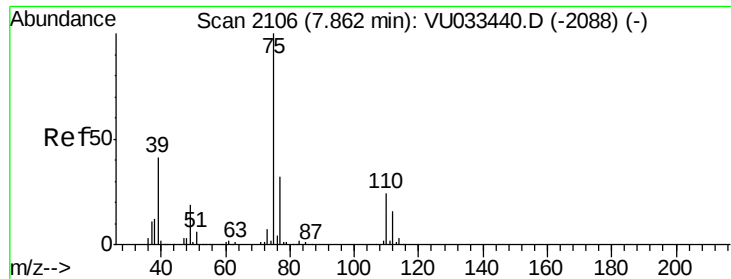
Tgt Ion: 63 Resp: 12945
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.955 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033447.D
 Acq: 26 Jul 2019 12:52

Tgt Ion: 75 Resp: 3204
 Ion Ratio Lower Upper
 75 100
 77 48.3 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033447.D

Acq: 26 Jul 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

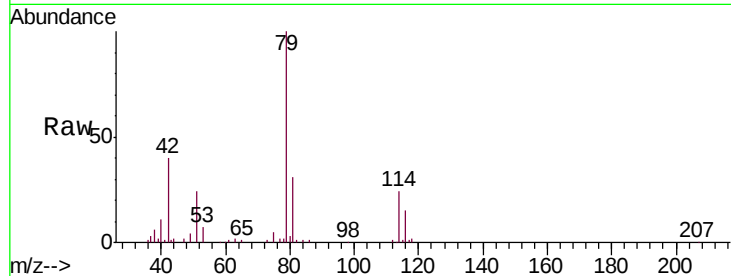
VHBLK01

Tgt Ion: 75 Resp: 2275

Ion Ratio Lower Upper

75 100

77 45.6 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU033440.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033440.D (-2088) (-)

7.83

1500

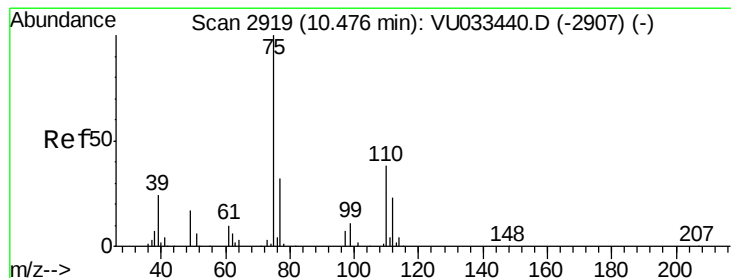
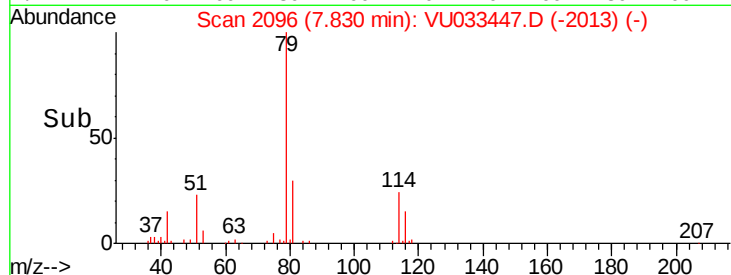
1000

500

0

7.80 7.85

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.931 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033447.D

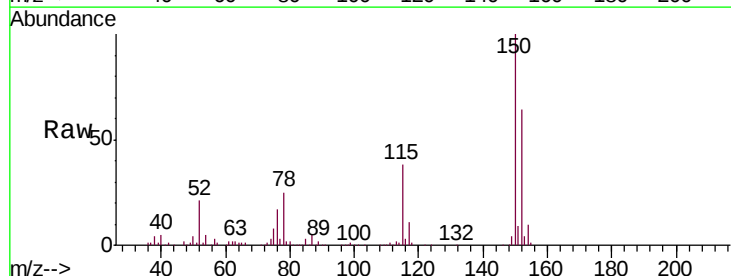
Acq: 26 Jul 2019 12:52

Tgt Ion: 75 Resp: 14043

Ion Ratio Lower Upper

75 100

77 38.3 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU033440.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033440.D (-2907) (-)

11.47

10000

8000

6000

4000

2000

0

11.40 11.45 11.50

Time-->

