

Data File : VU028243.D
Acq On : 19 Nov 2018 10:29
Operator : MD/SY
Sample : VU1119WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Quant Time: Nov 20 07:10:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	119267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42218	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	37479	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.28	63	64276	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.21	46	141680	44.62	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.24%
24) Chloroform-d	4.65	84	80465	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.31	65	43461	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.34	84	158333	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.33	67	58414	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.57	98	136259	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	17051	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.31	63	95847	40.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42177	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	44147	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
3) Chloromethane	1.34	50	12239	0.908 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	667	0.081 ug/L #	21
12) 1,1-Dichloroethene	2.28	96	574	0.074 ug/L #	1
25) Chloroform	4.67	83	5067	0.244 ug/L	91
34) Trichloroethene	6.19	95	628	0.065 ug/L #	72
35) Methylcyclohexane	6.33	83	11978	0.789 ug/L #	14
37) 1,2-Dichloropropane	6.34	63	6007	0.535 ug/L #	92
38) Bromodichloromethane	6.76	83	871	0.071 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	1378	0.097 ug/L #	75
47) Tetrachloroethene	8.23	164	490	0.073 ug/L #	78
48) 2-Hexanone	8.37	43	4544	0.794 ug/L #	79
49) Dibromochloromethane	8.24	129	644	0.094 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7359	1.134 ug/L	93
68) 1,2,4-trichlorobenzene	13.50	180	992	0.103 ug/L #	64
69) Naphthalene	13.75	128	2337	0.137 ug/L #	85
70) 1,2,3-Trichlorobenzene	13.99	180	832	0.091 ug/L #	65

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\
Quantitation Report (Not Reviewed)

Data File : VU028243.D
Acq On : 19 Nov 2018 10:29
Operator : MD/SY
Sample : VU1119WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Quant Time: Nov 20 07:10:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

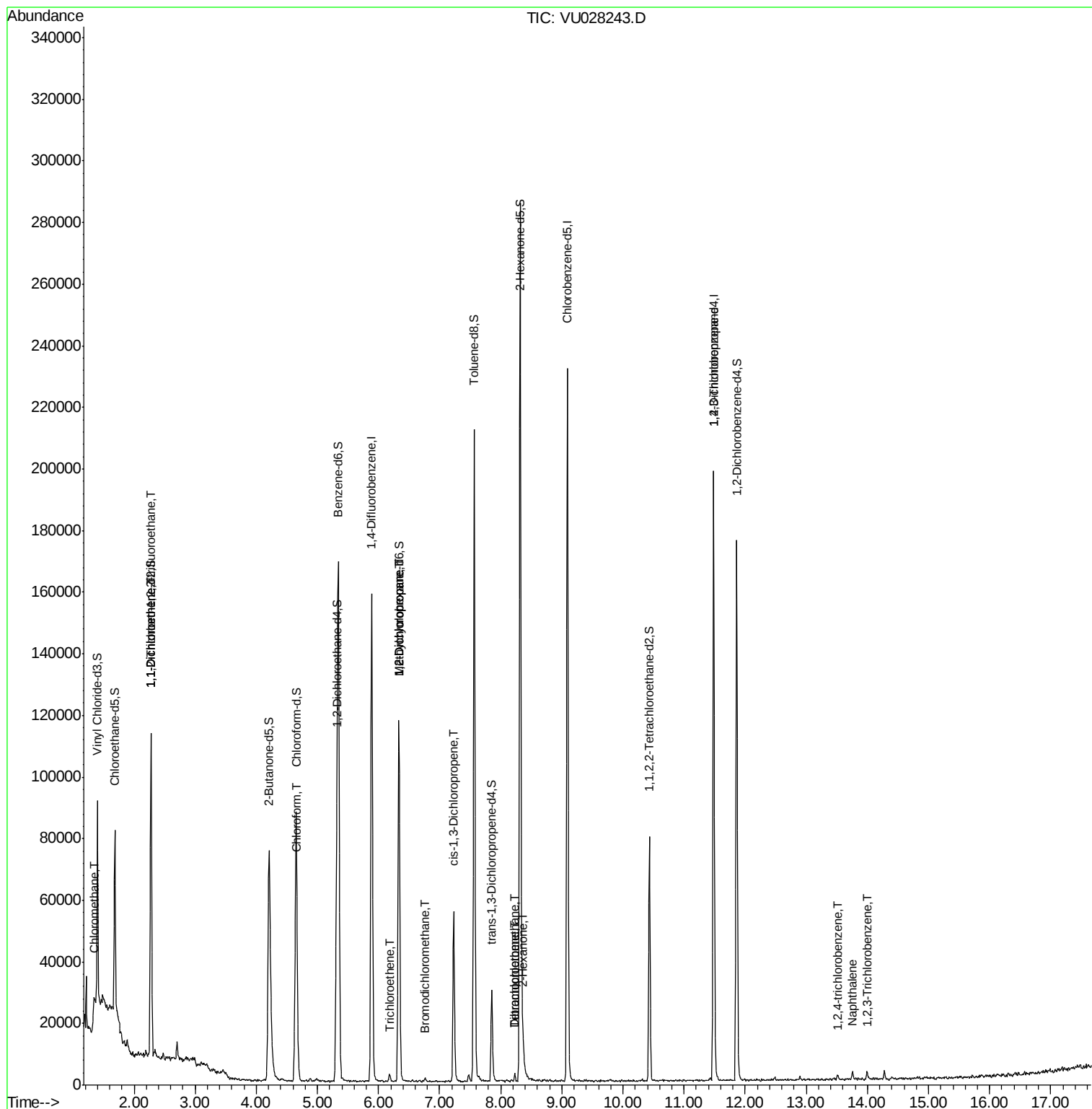
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

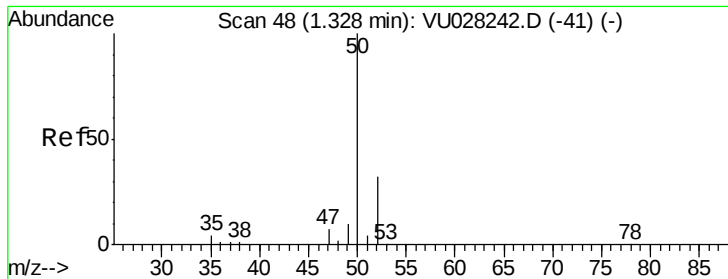
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028243.D
Acq On : 19 Nov 2018 10:29
Operator : MD/SY
Sample : VU1119WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Quant Time: Nov 20 07:10:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.908 ug/L

RT: 1.34 min Scan# 51

Delta R.T. 0.01 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

Instrument :

MSVOA_U

ClientSampleId :

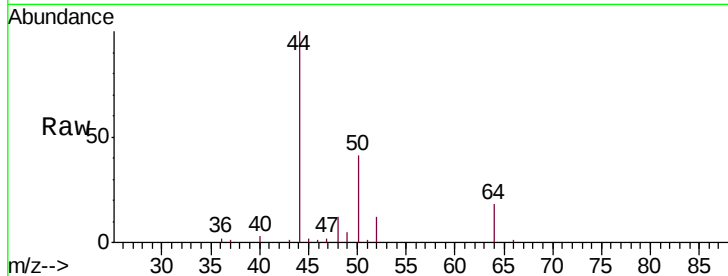
VBLK42

Tgt Ion: 50 Resp: 12239

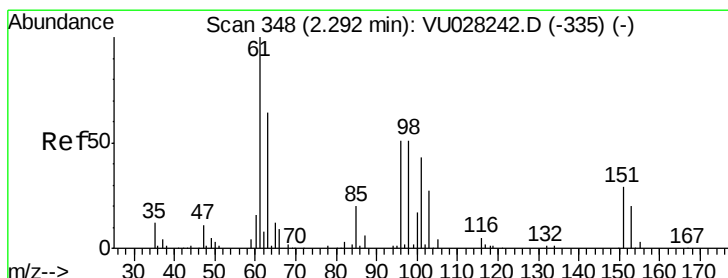
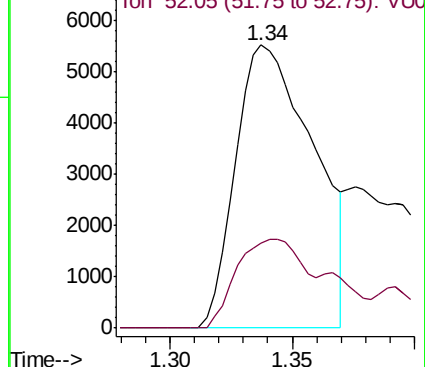
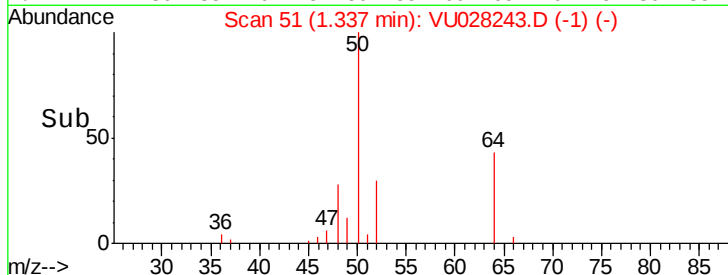
Ion Ratio Lower Upper

50 100

52 30.0 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU028243.D (-1) (-)



#10

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

Concen: 0.081 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

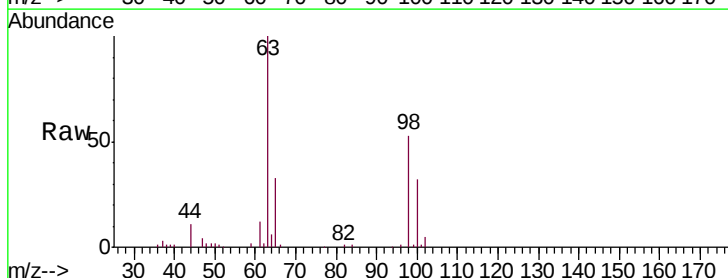
Tgt Ion: 101 Resp: 667

Ion Ratio Lower Upper

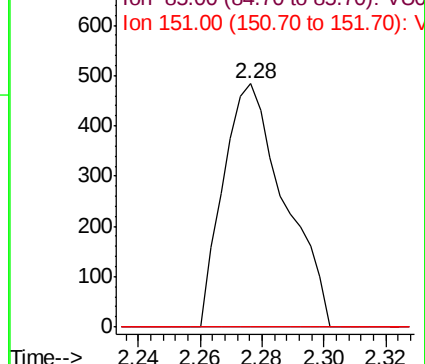
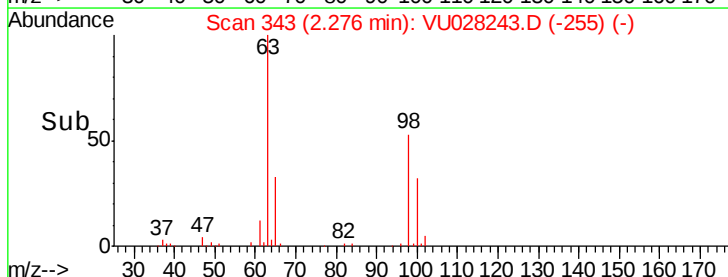
101 100

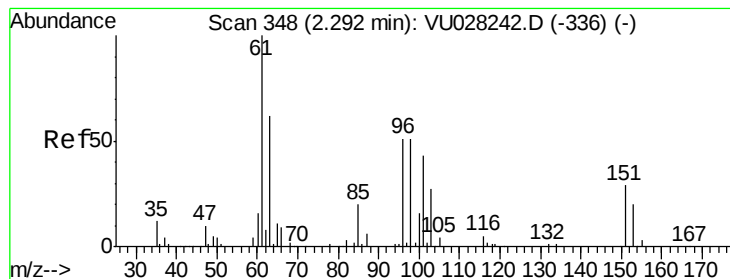
85 0.0 37.4 56.2#

151 0.0 55.0 82.4#



Abundance Ion 101.00 (100.70 to 101.70): VU028243.D (-255) (-)





#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

Instrument :

MSVOA_U

ClientSampled :

VBLK42

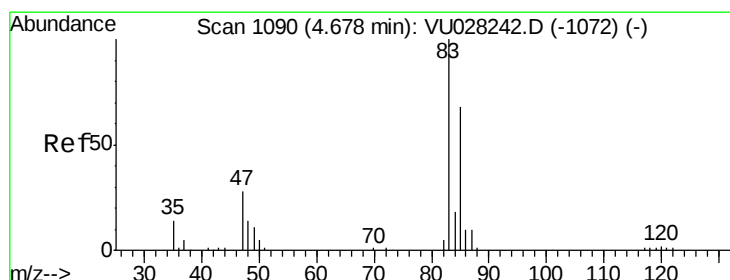
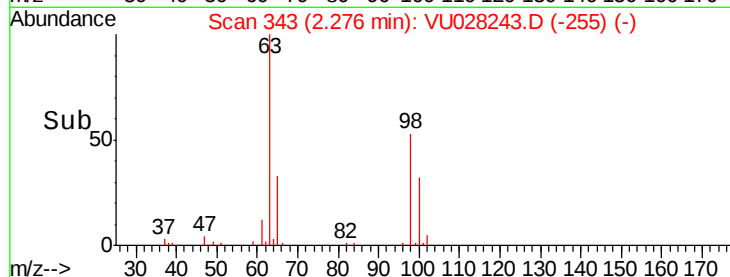
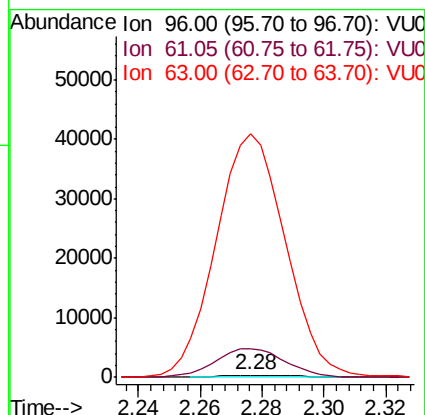
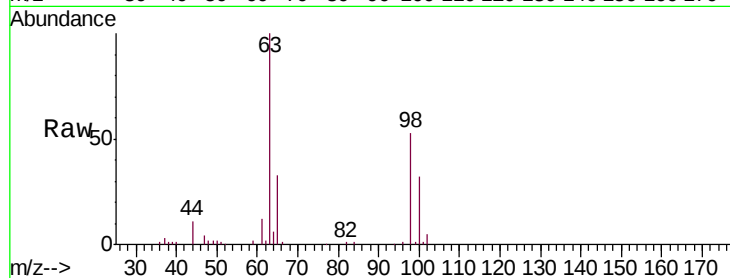
Tgt Ion: 96 Resp: 574

Ion Ratio Lower Upper

96 100

61 1273.7 145.5 270.1#

63 10854.1 98.6 183.2#



#25

Chloroform

Concen: 0.244 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU028243.D

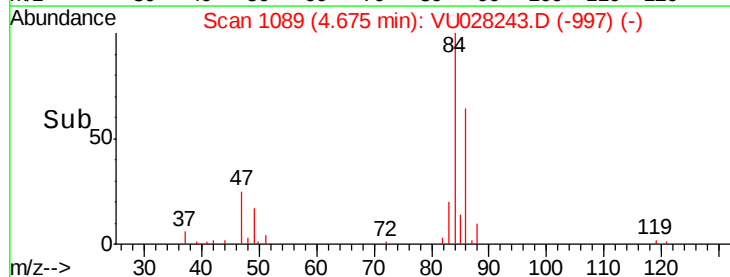
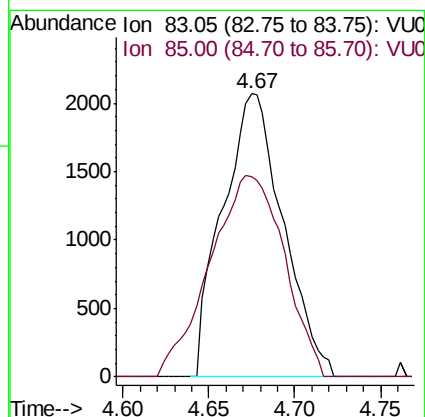
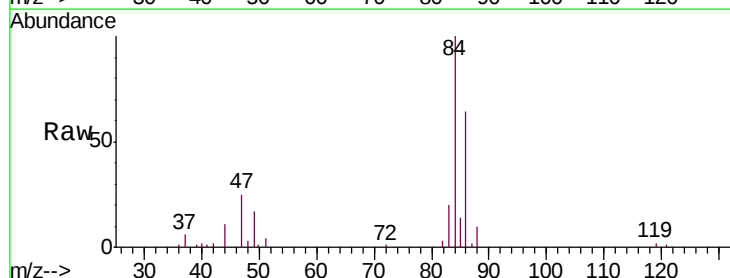
Acq: 19 Nov 2018 10:29

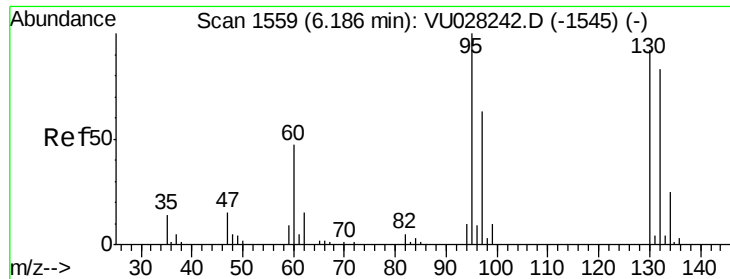
Tgt Ion: 83 Resp: 5067

Ion Ratio Lower Upper

83 100

85 70.8 44.6 82.8





#34

Trichloroethene

Concen: 0.065 ug/L

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

Instrument :

MSVOA_U

ClientSampleId :

VBLK42

Tgt Ion: 95 Resp: 628

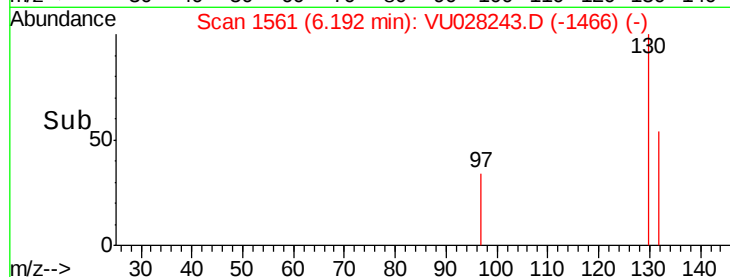
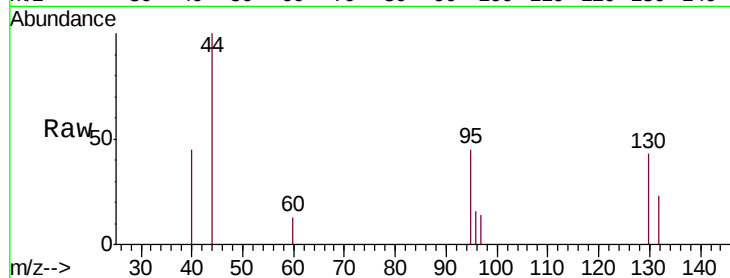
Ion Ratio Lower Upper

95 100

97 32.3 46.5 86.3#

132 51.7 58.9 109.3#

130 95.3 61.3 113.9

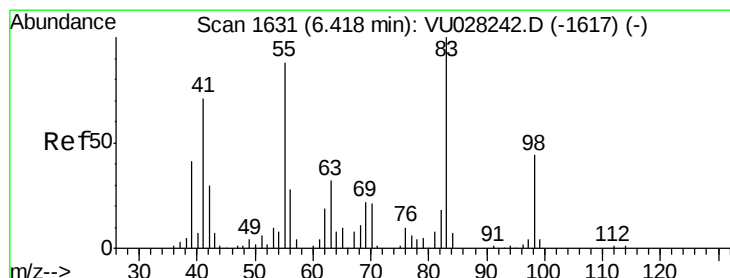
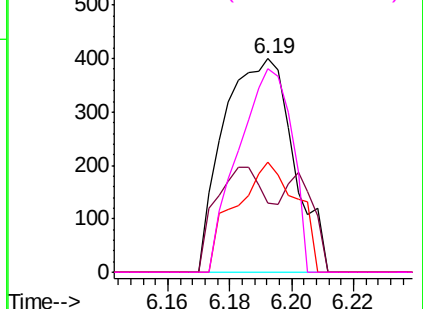


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

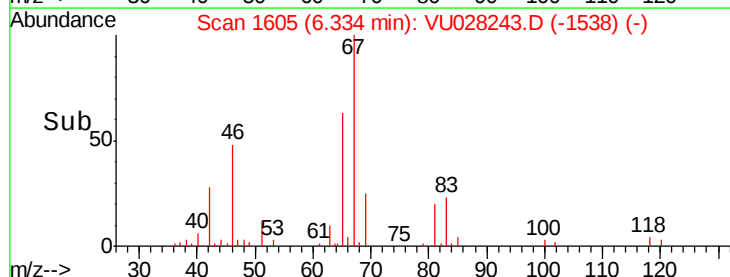
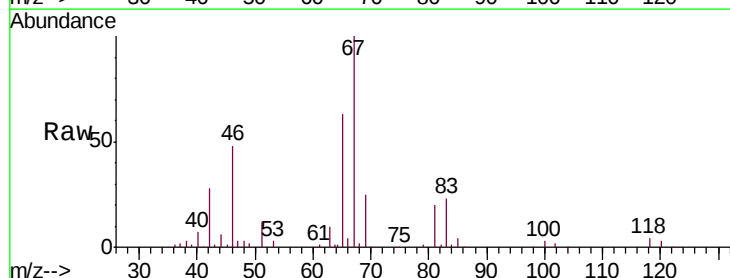
Tgt Ion: 83 Resp: 11978

Ion Ratio Lower Upper

83 100

55 0.0 73.2 109.8#

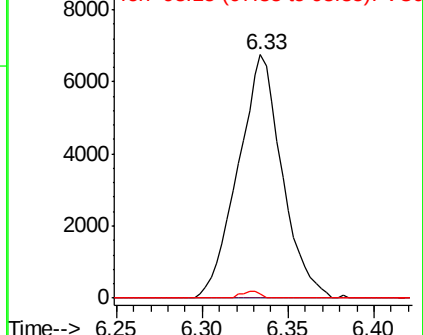
98 1.2 33.4 50.2#

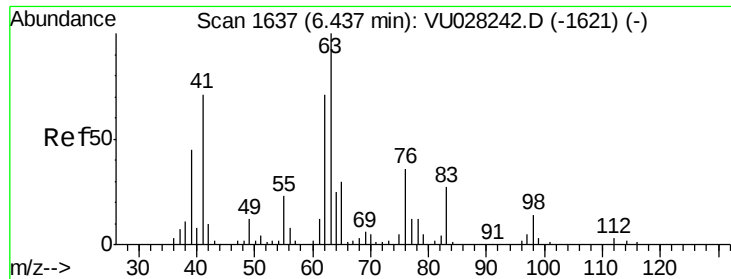


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

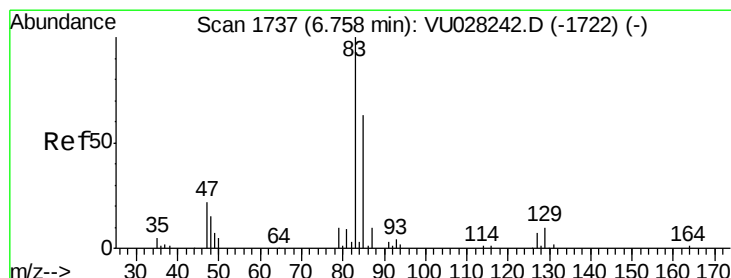
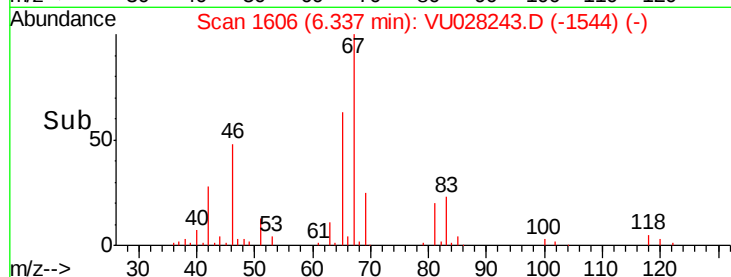
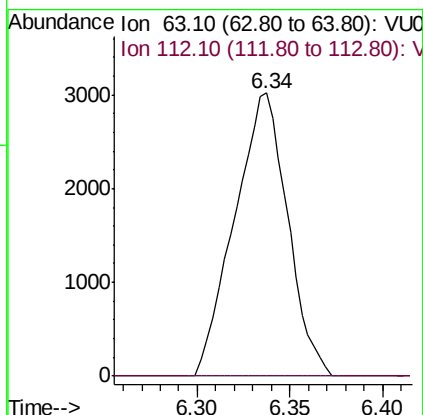
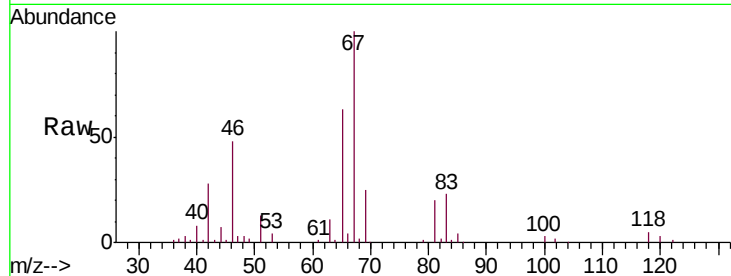




#37
 1,2-Dichloropropane
 Concen: 0.535 ug/L
 RT: 6.34 min Scan# 1606
 Delta R.T. -0.10 min
 Lab File: VU028243.D
 Acq: 19 Nov 2018 10:29

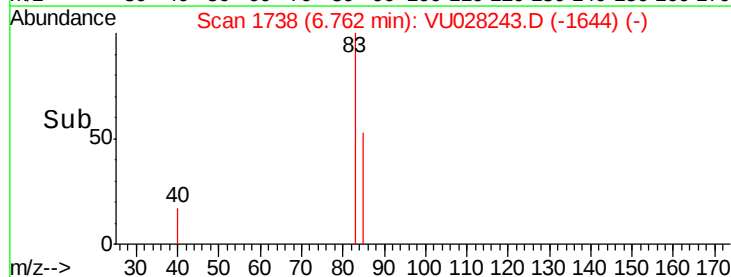
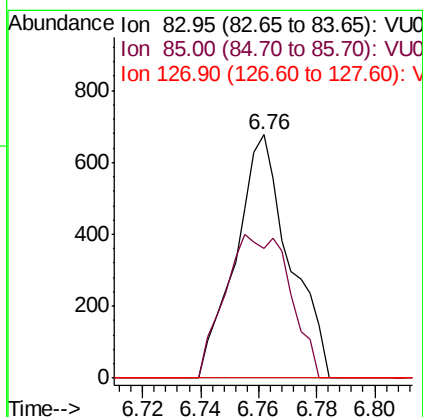
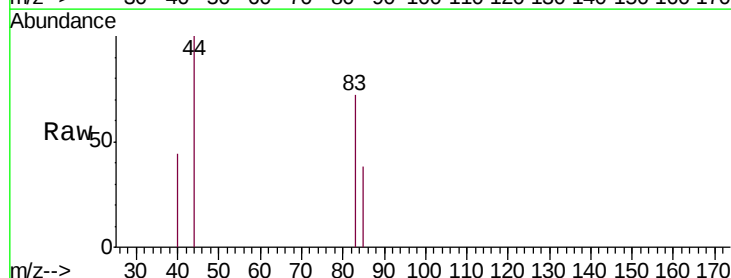
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK42

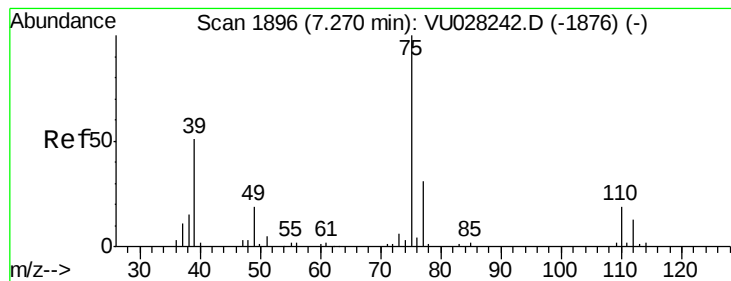
Tgt Ion: 63 Resp: 6007
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#38
 Bromodichloromethane
 Concen: 0.071 ug/L
 RT: 6.76 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: VU028243.D
 Acq: 19 Nov 2018 10:29

Tgt Ion: 83 Resp: 871
 Ion Ratio Lower Upper
 83 100
 85 53.2 44.2 82.0
 127 0.0 6.2 9.4#



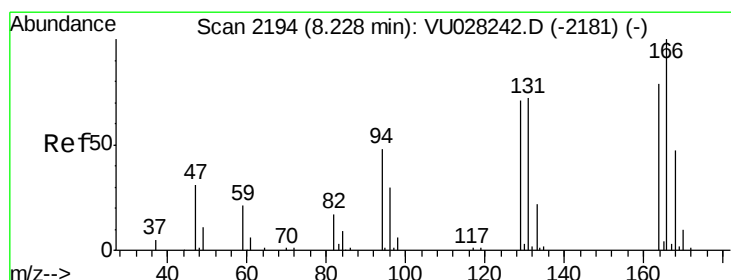
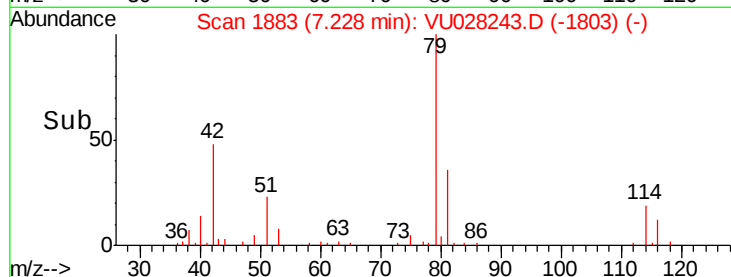
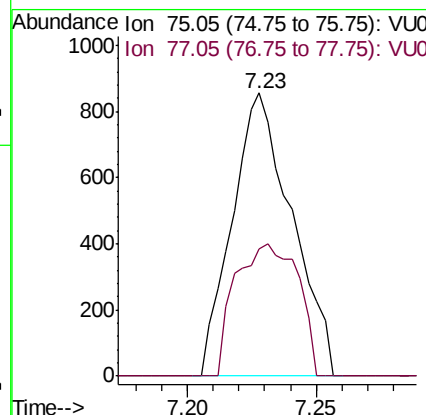
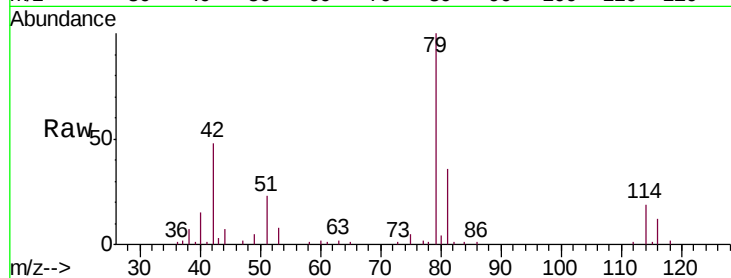


#39

cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028243.D
 Acq: 19 Nov 2018 10:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK42

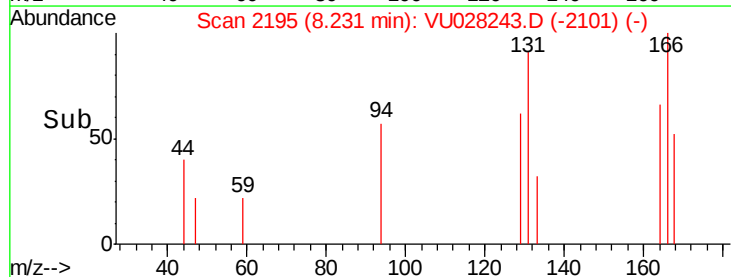
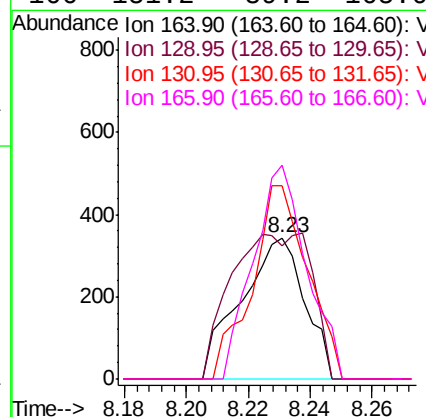
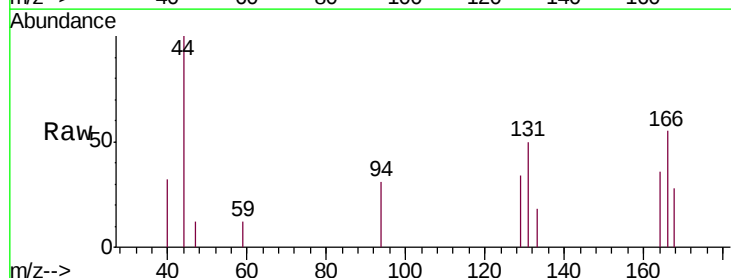
Tgt Ion: 75 Resp: 1378
 Ion Ratio Lower Upper
 75 100
 77 45.0 21.7 40.3#

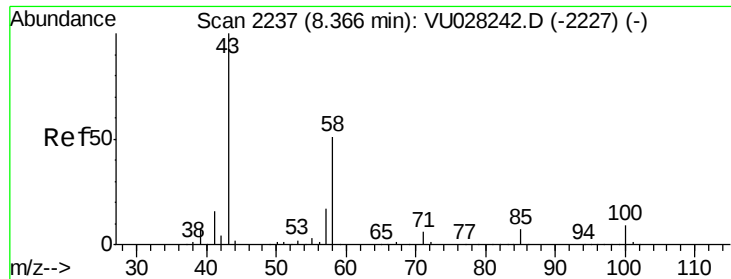


#47

Tetrachloroethene
 Concen: 0.073 ug/L
 RT: 8.23 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VU028243.D
 Acq: 19 Nov 2018 10:29

Tgt Ion: 164 Resp: 490
 Ion Ratio Lower Upper
 164 100
 129 94.2 67.6 125.6
 131 137.2 66.3 123.1#
 166 151.2 89.2 165.6

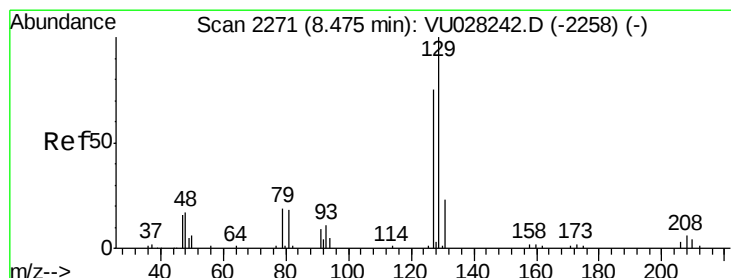
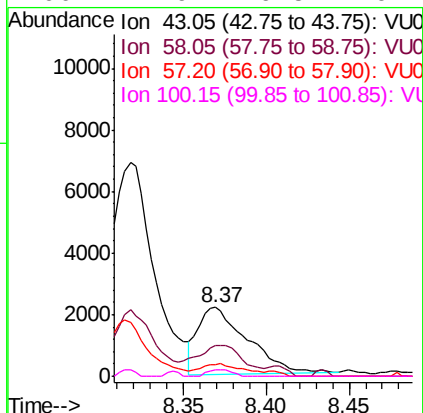
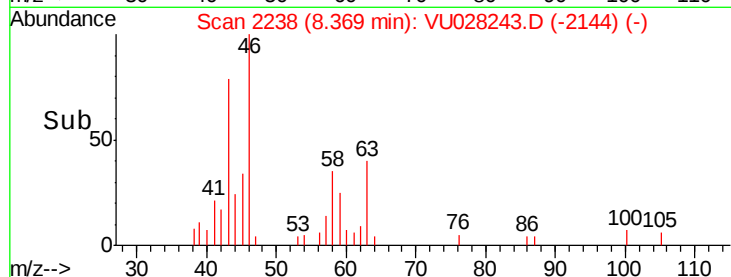
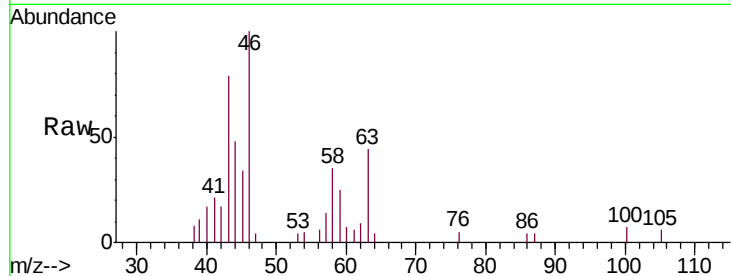




#48
2-Hexanone
Concen: 0.794 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028243.D
Acq: 19 Nov 2018 10:29

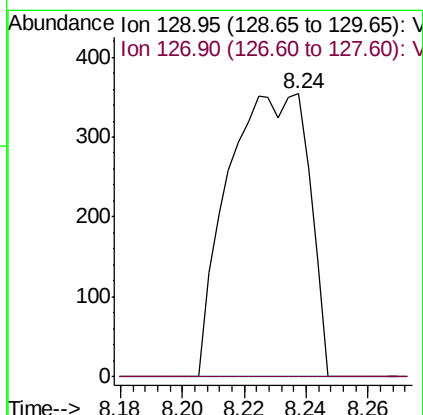
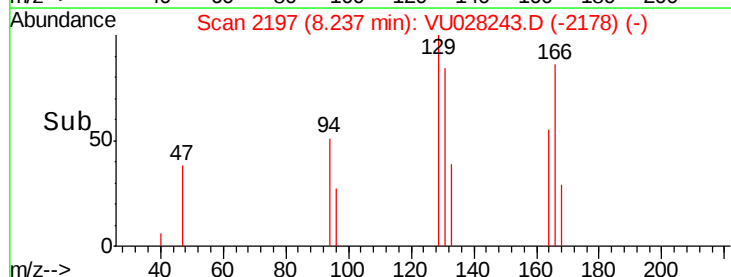
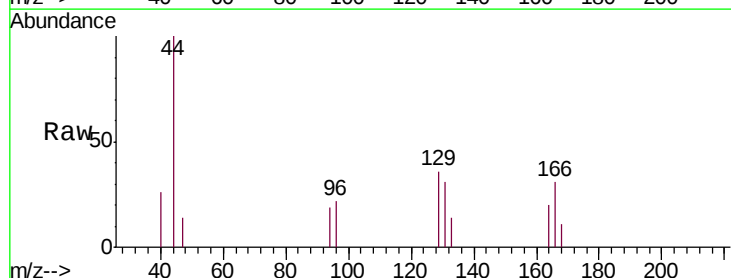
Instrument :
MSVOA_U
ClientSampleId :
VBLK42

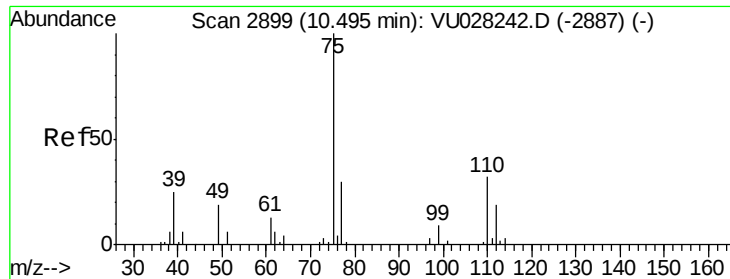
Tgt Ion:	43	Resp:	4544
Ion	Ratio	Lower	Upper
43	100		
58	30.7	41.1	61.7#
57	18.2	13.8	20.8
100	4.9	6.5	9.7#



#49
Dibromochloromethane
Concen: 0.094 ug/L
RT: 8.24 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VU028243.D
Acq: 19 Nov 2018 10:29

Tgt Ion:	129	Resp:	644
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

Instrument :

MSVOA_U

ClientSampleId :

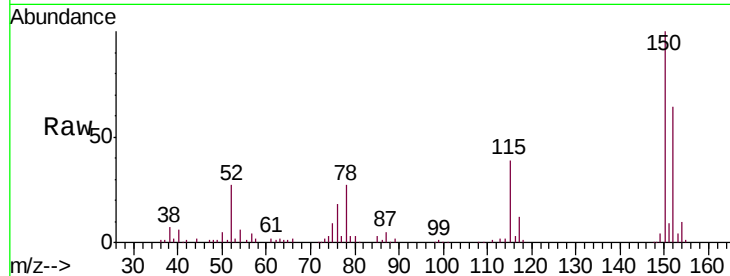
VBLK42

Tgt Ion: 75 Resp: 7359

Ion Ratio Lower Upper

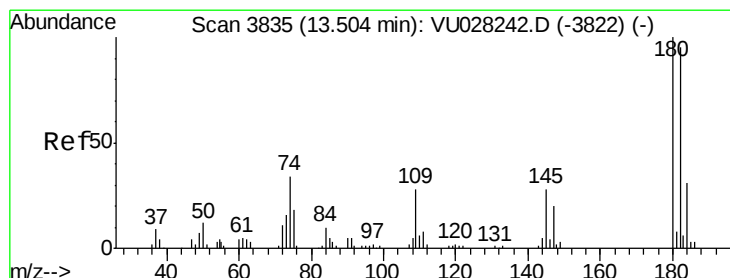
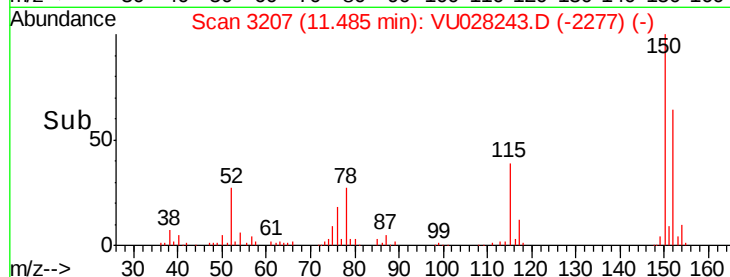
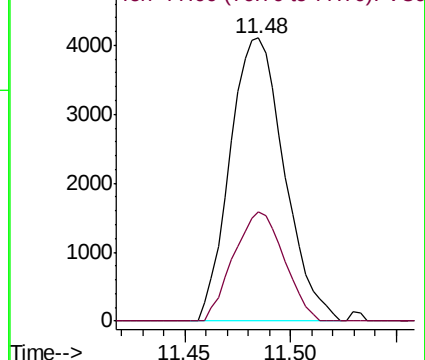
75 100

77 36.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#68

1,2,4-trichlorobenzene

Concen: 0.103 ug/L

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

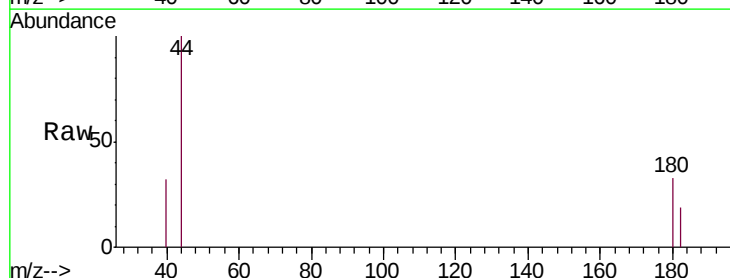
Tgt Ion: 180 Resp: 992

Ion Ratio Lower Upper

180 100

182 63.3 75.4 113.2#

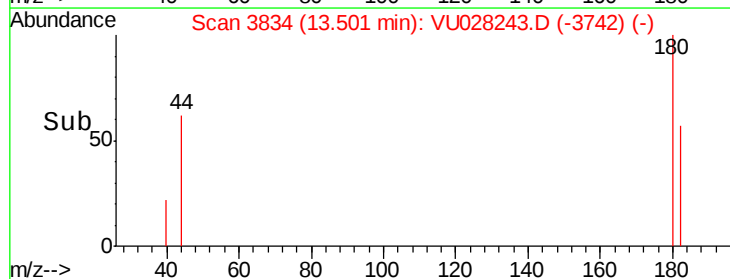
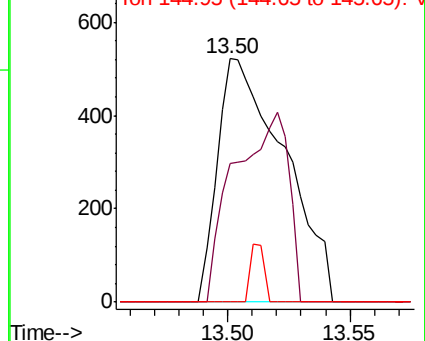
145 4.7 24.5 36.7#

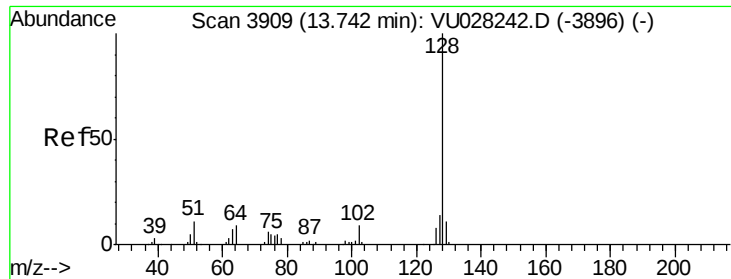


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.137 ug/L

RT: 13.75 min Scan# 3913

Delta R.T. 0.01 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

Instrument :

MSVOA_U

ClientSampleId :

VBLK42

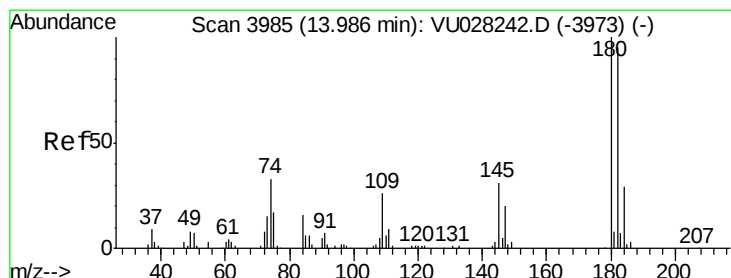
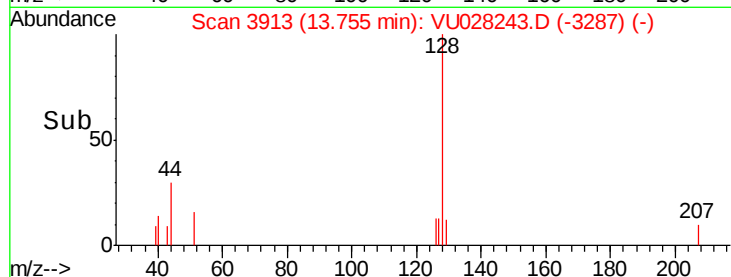
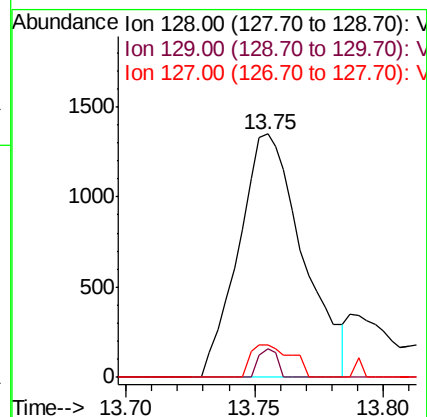
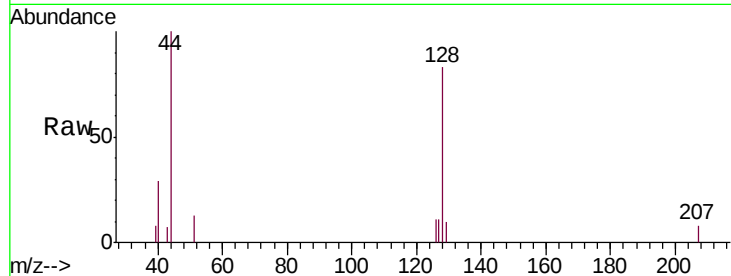
Tgt Ion:128 Resp: 2337

Ion Ratio Lower Upper

128 100

129 3.5 8.6 12.8#

127 8.5 10.7 16.1#



#70

1,2,3-Trichlorobenzene

Concen: 0.091 ug/L

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU028243.D

Acq: 19 Nov 2018 10:29

Tgt Ion:180 Resp: 832

Ion Ratio Lower Upper

180 100

182 133.4 77.0 115.4#

145 18.4 25.7 38.5#

