

Data File : VU033222.D
Acq On : 12 Jul 2019 15:26
Operator : JC/SP
Sample : K3760-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8W4

Quant Time: Jul 13 00:12:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	319083	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	315269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	159342	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105401	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.28%
7) Chloroethane-d5	1.65	69	93403	45.26	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.52%
11) 1,1-Dichloroethene-d2	2.25	63	219093	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
21) 2-Butanone-d5	4.15	46	135130	88.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.29%
24) Chloroform-d	4.62	84	191331	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
26) 1,2-Dichloroethane-d4	5.28	65	122728	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.31	84	376596	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.31	67	120687	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.55	98	350710	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	7.83	79	60830	50.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.14%
47) 2-Hexanone-d5	8.30	63	117191	104.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.93%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187137	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	138482	48.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.46%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67970	21.495	ug/L	97
3) Chloromethane	1.32	50	70215	22.539	ug/L	99
5) Vinyl chloride	1.39	62	169527	47.082	ug/L	100
6) Bromomethane	1.59	94	59376	26.452	ug/L	100
8) Chloroethane	1.67	64	54878	25.198	ug/L	95
9) Trichlorofluoromethane	1.86	101	191444	40.434	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	46254	21.248	ug/L	98
12) 1,1-Dichloroethene	2.26	96	132931	62.415	ug/L	81
13) Acetone	2.31	43	1502	0.785	ug/L	87
16) Methylene chloride	2.68	84	97715	40.184	ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	43772	19.886	ug/L	99
19) 1,1-Dichloroethane	3.42	63	257016	60.744	ug/L	99
20) cis-1,2-Dichloroethene	4.19	96	96942	39.045	ug/L	97
23) Bromochloromethane	4.52	128	50850	39.996	ug/L	98
25) Chloroform	4.64	83	246377	54.750	ug/L	99
27) 1,2-Dichloroethane	5.38	62	235925	67.705	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	74505	20.256	ug/L	99

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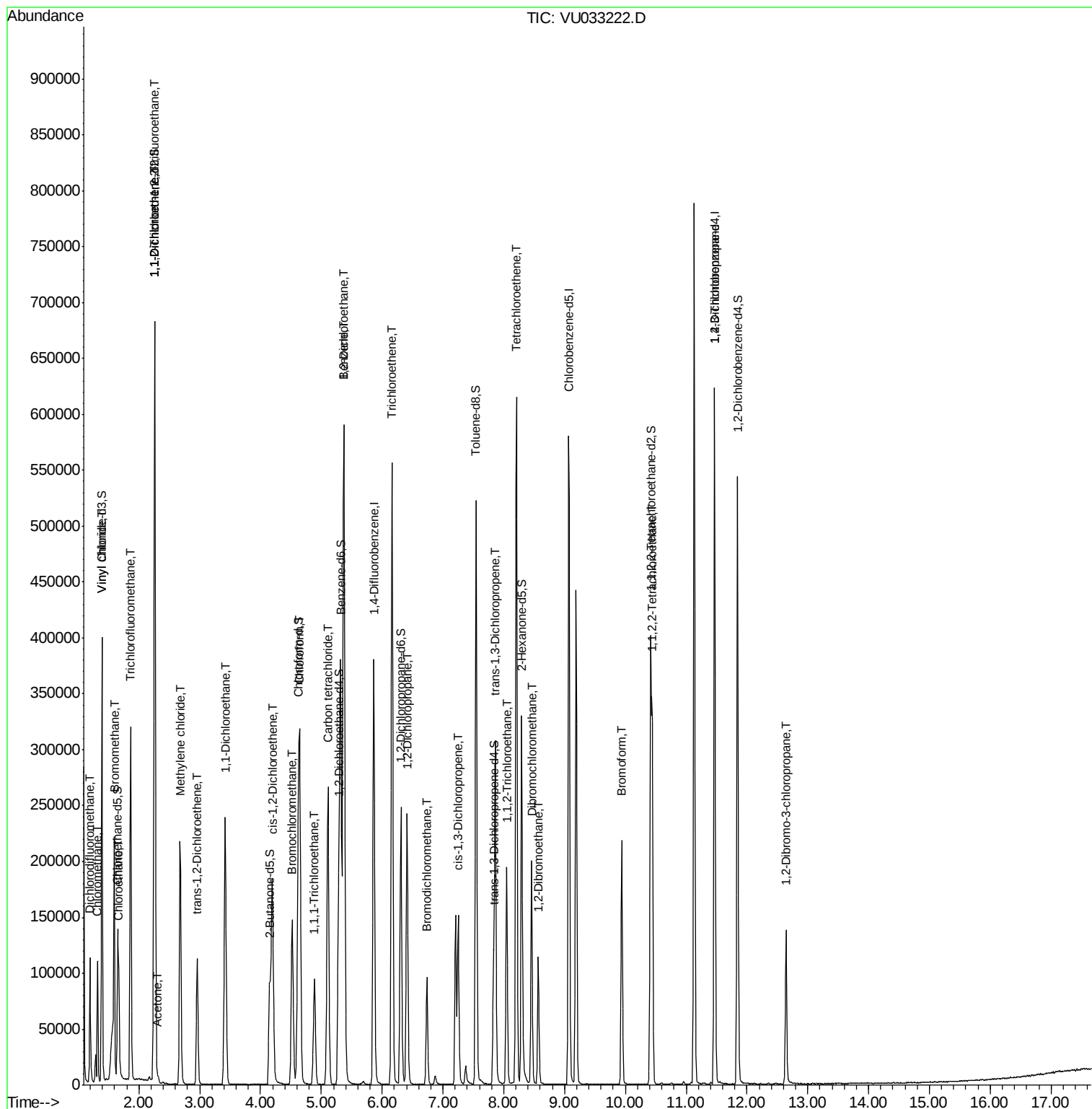
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	5.11	117	191265	59.421	ug/L	99
33) Benzene	5.36	78	420885	45.778	ug/L	100
34) Trichloroethene	6.16	95	192445	80.035	ug/L	99
37) 1,2-Dichloropropane	6.41	63	95247	38.199	ug/L	100
38) Bromodichloromethane	6.74	83	63403	19.713	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	89641	23.448	ug/L	97
44) trans-1,3-Dichloropropene	7.86	75	171837	49.841	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	60525	25.666	ug/L	99
46) Tetrachloroethene	8.21	164	131900	70.861	ug/L	99
49) Dibromochloromethane	8.46	129	100974	38.385	ug/L	100
50) 1,2-Dibromoethane	8.57	107	73671	28.653	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.44	83	155555	37.553	ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	19688	6.065	ug/L	94
61) Bromoform	9.94	173	94983	48.808	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	35524	37.000	ug/L	97

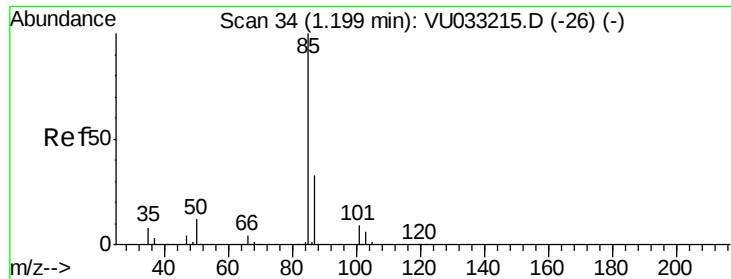
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 21.495 ug/L

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

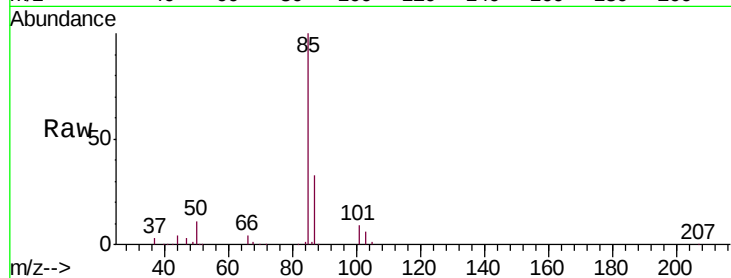
DB8W4

Tgt Ion: 85 Resp: 67970

Ion Ratio Lower Upper

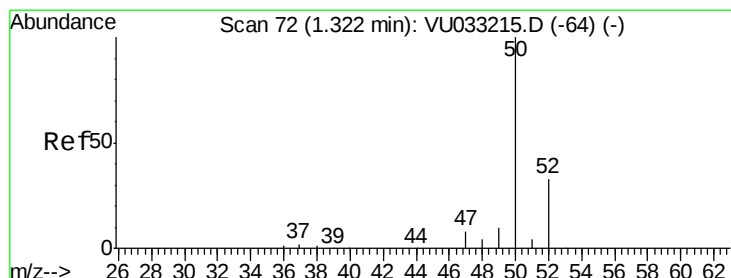
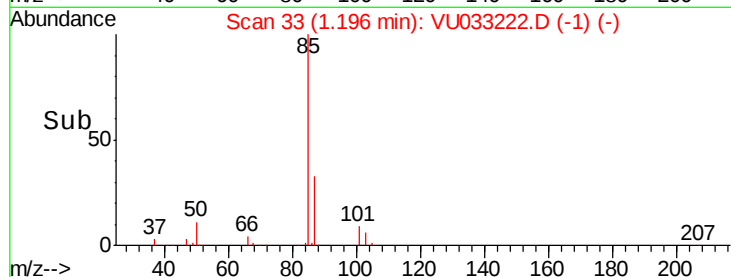
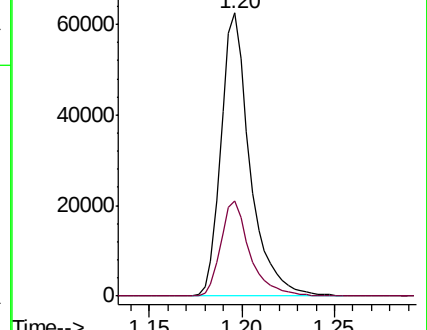
85 100

87 33.7 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VU033215.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU033215.D (-26) (-)



#3

Chloromethane

Concen: 22.539 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU033222.D

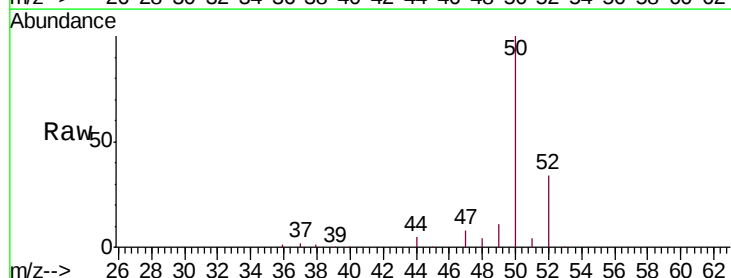
Acq: 12 Jul 2019 15:26

Tgt Ion: 50 Resp: 70215

Ion Ratio Lower Upper

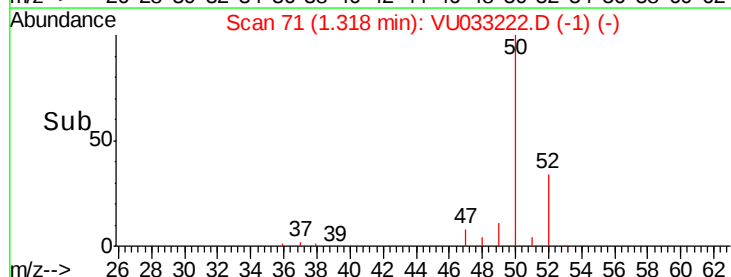
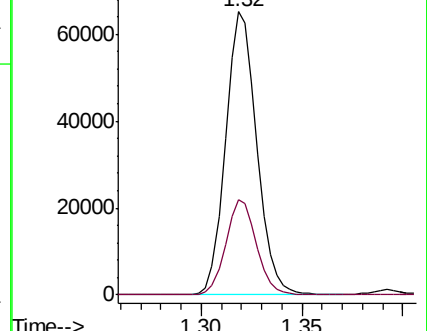
50 100

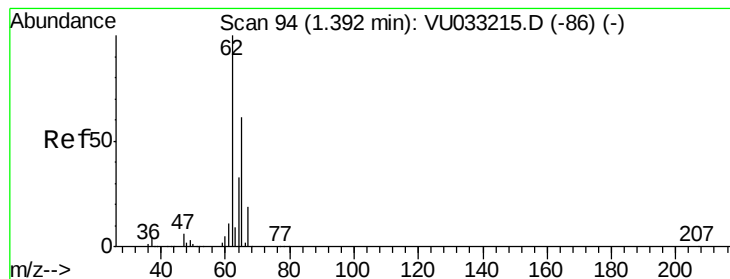
52 33.5 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VU033215.D (-64) (-)

Ion 52.00 (51.70 to 52.70): VU033215.D (-64) (-)





#5

Vinyl chloride

Concen: 47.082 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

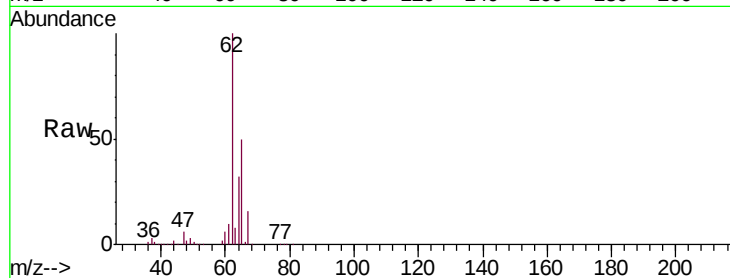
DB8W4

Tgt Ion: 62 Resp: 169527

Ion Ratio Lower Upper

62 100

64 32.2 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU033215.D (-86) (-)

Ion 64.00 (63.70 to 64.70): VU033215.D (-86) (-)

1.39

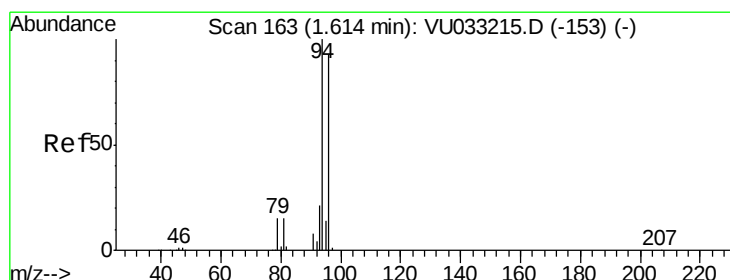
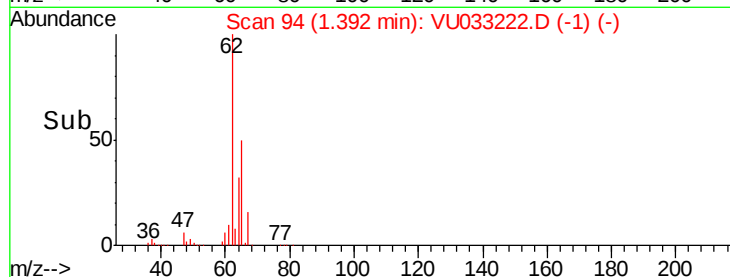
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 26.452 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU033222.D

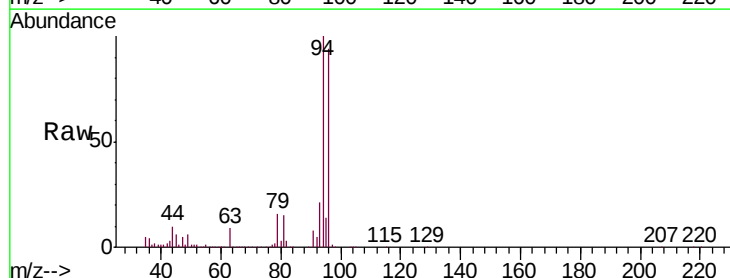
Acq: 12 Jul 2019 15:26

Tgt Ion: 94 Resp: 59376

Ion Ratio Lower Upper

94 100

96 94.4 66.1 122.7



Abundance Ion 94.00 (93.70 to 94.70): VU033215.D (-153) (-)

Ion 96.00 (95.70 to 96.70): VU033215.D (-153) (-)

1.59

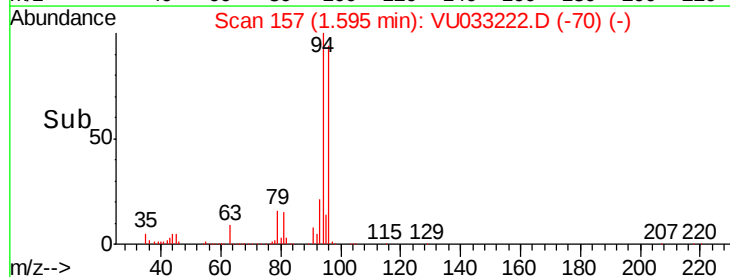
60000

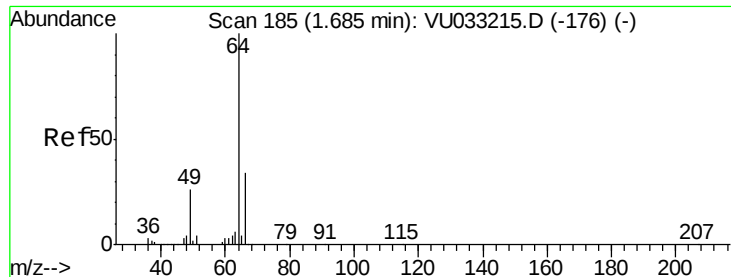
40000

20000

0

Time-->





#8

Chloroethane

Concen: 25.198 ug/L

RT: 1.67 min Scan# 181

Delta R.T. -0.01 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

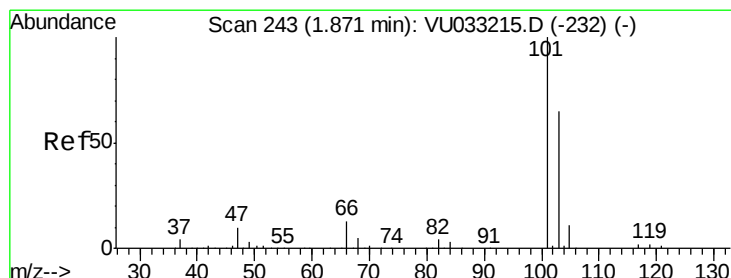
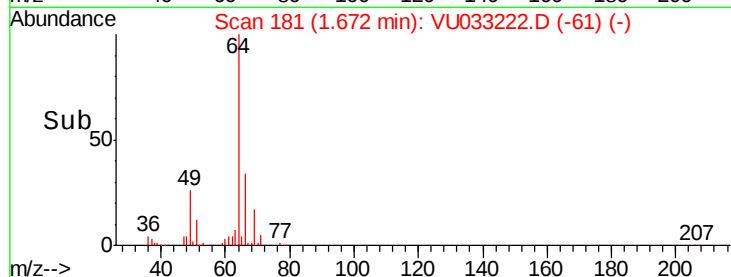
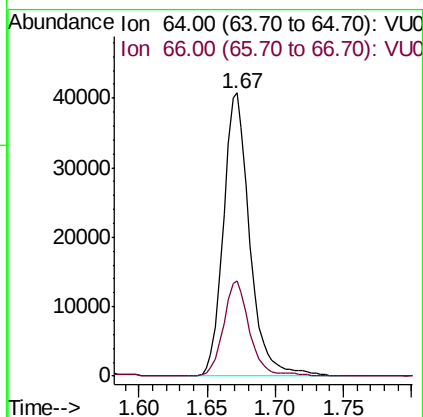
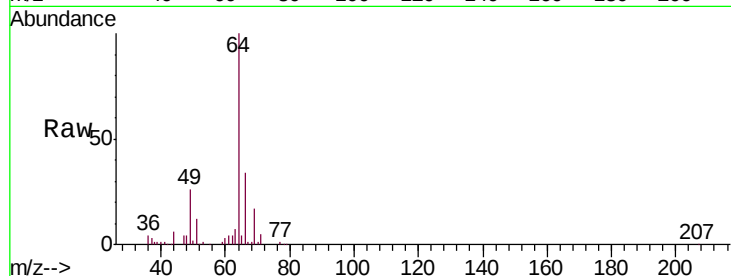
DB8W4

Tgt Ion: 64 Resp: 54878

Ion Ratio Lower Upper

64 100

66 33.7 21.6 40.0



#9

Trichlorofluoromethane

Concen: 40.434 ug/L

RT: 1.86 min Scan# 241

Delta R.T. -0.01 min

Lab File: VU033222.D

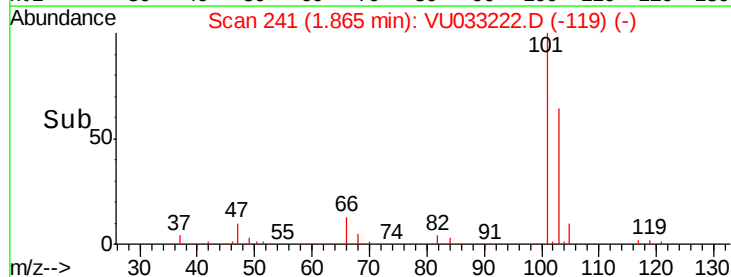
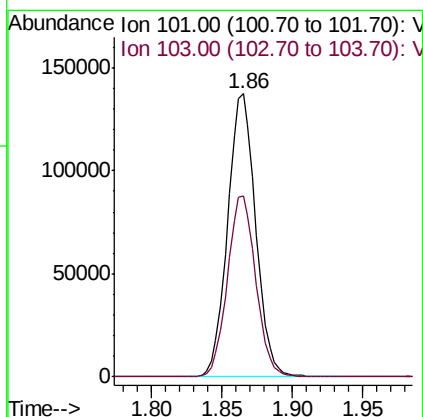
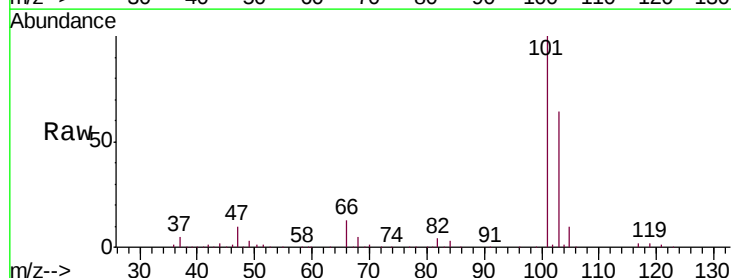
Acq: 12 Jul 2019 15:26

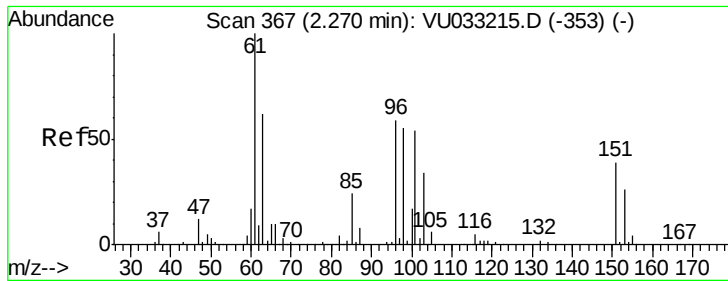
Tgt Ion: 101 Resp: 191444

Ion Ratio Lower Upper

101 100

103 64.6 52.2 78.4





#10

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

Concen: 21.248 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

DB8W4

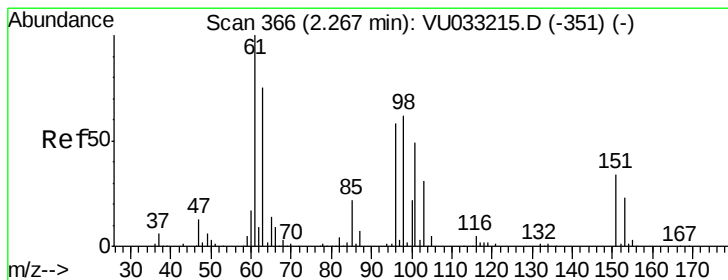
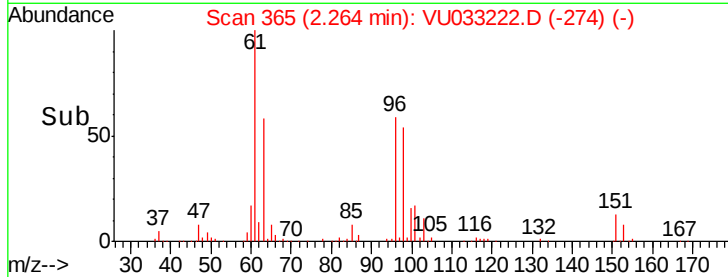
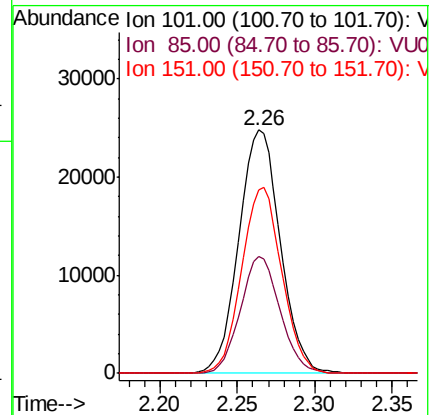
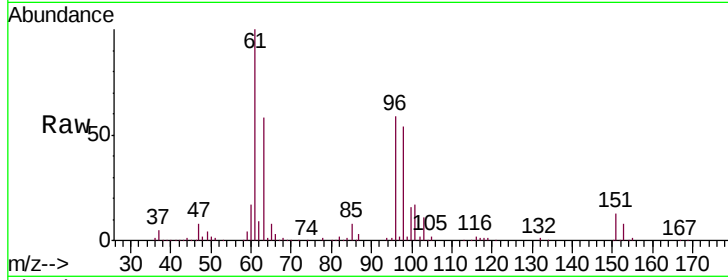
Tgt Ion: 101 Resp: 46254

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.8

151 73.5 56.7 85.1



#12

1,1-Dichloroethene

Concen: 62.415 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

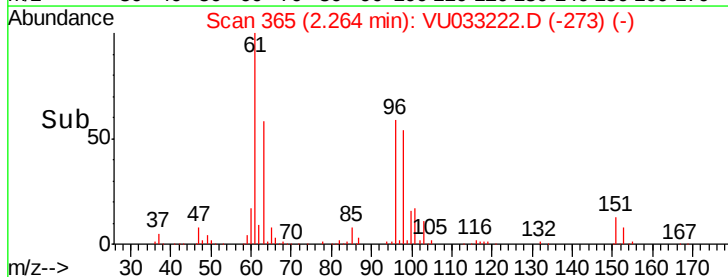
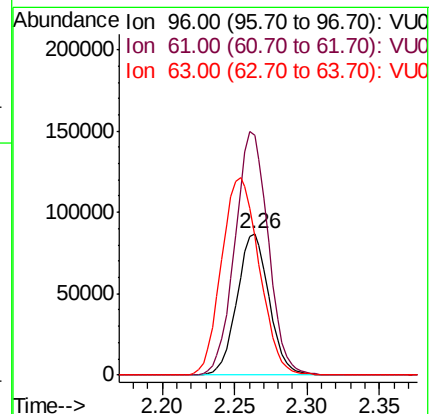
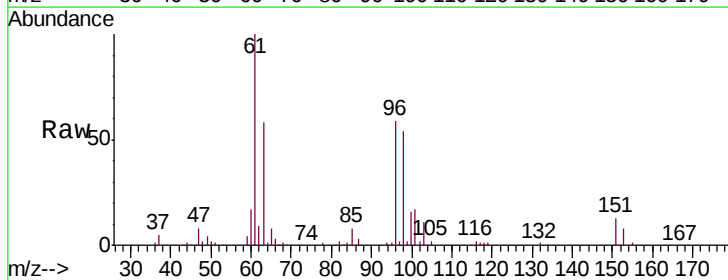
Tgt Ion: 96 Resp: 132931

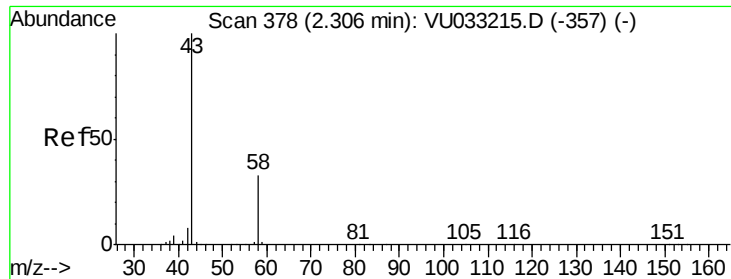
Ion Ratio Lower Upper

96 100

61 169.4 126.1 234.1

63 98.1 96.8 179.8





#13

Acetone

Concen: 0.785 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

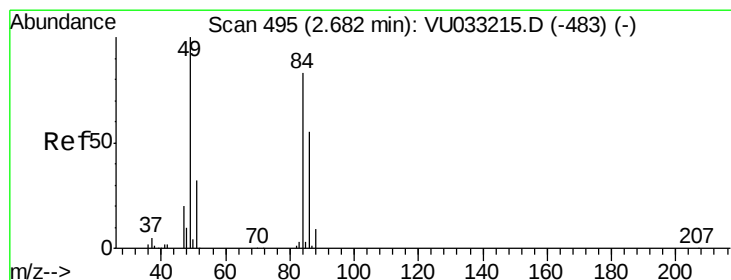
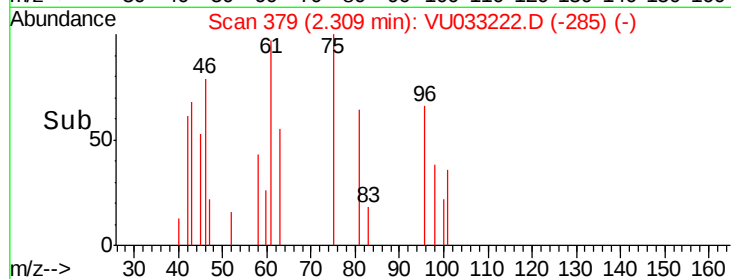
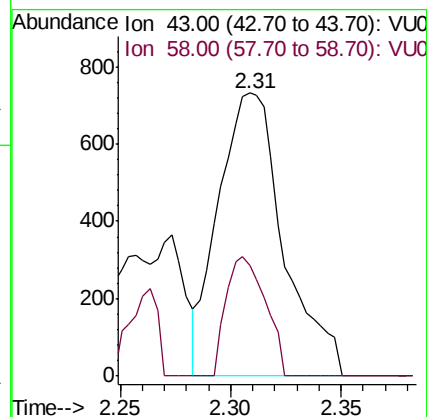
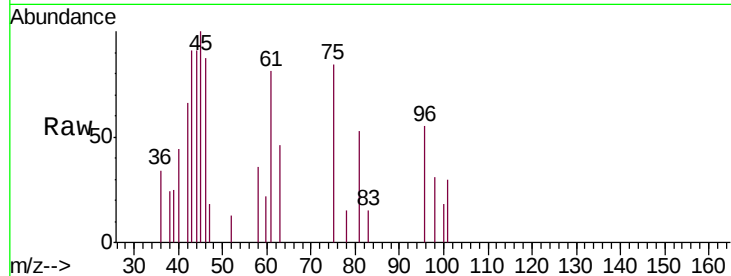
DB8W4

Tgt Ion: 43 Resp: 1502

Ion Ratio Lower Upper

43 100

58 25.4 0.0 65.4



#16

Methylene chloride

Concen: 40.184 ug/L

RT: 2.68 min Scan# 494

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

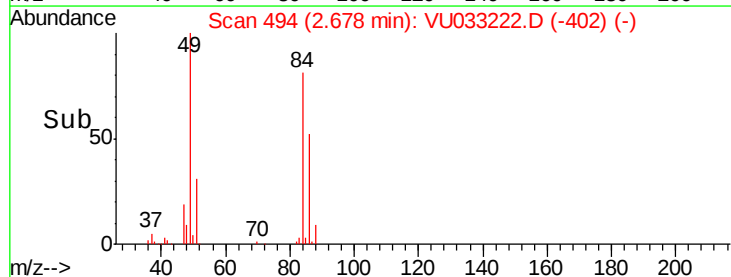
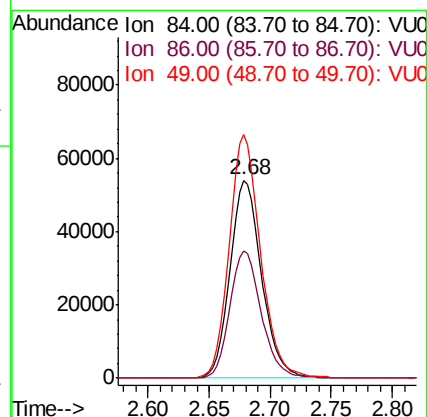
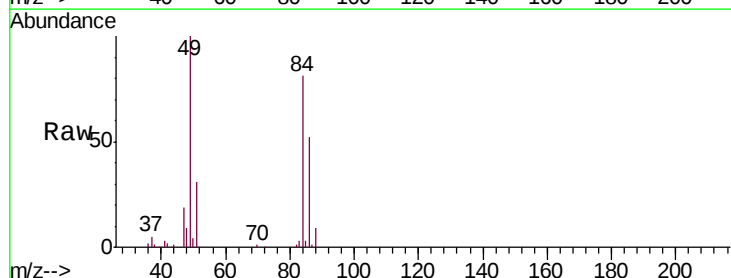
Tgt Ion: 84 Resp: 97715

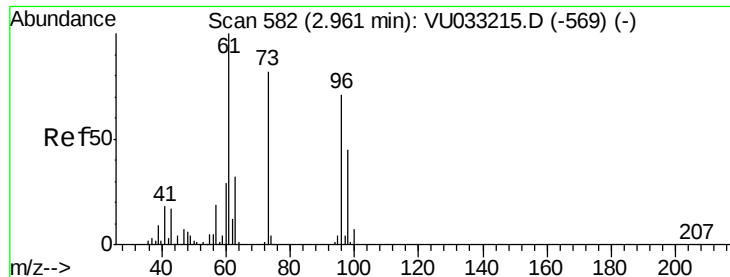
Ion Ratio Lower Upper

84 100

86 64.1 45.7 84.9

49 122.9 87.7 162.9





#17

trans-1,2-Dichloroethene

Concen: 19.886 ug/L

RT: 2.96 min Scan# 581

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

DB8W4

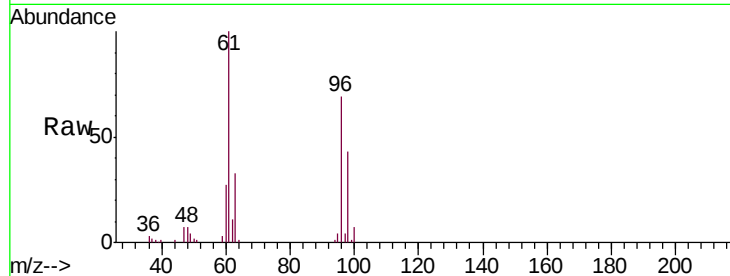
Tgt Ion: 96 Resp: 43772

Ion Ratio Lower Upper

96 100

61 144.2 100.2 186.2

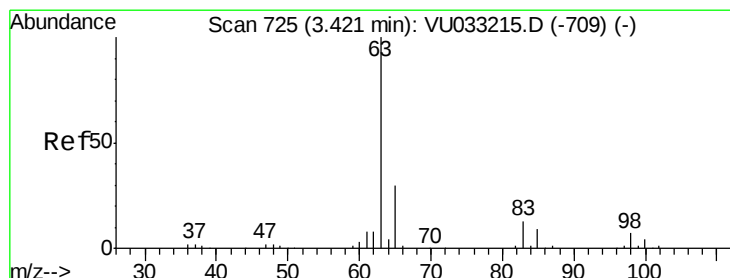
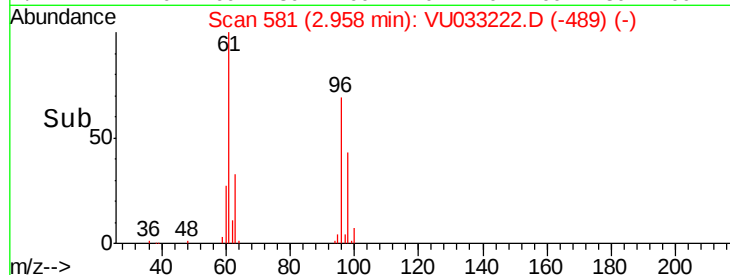
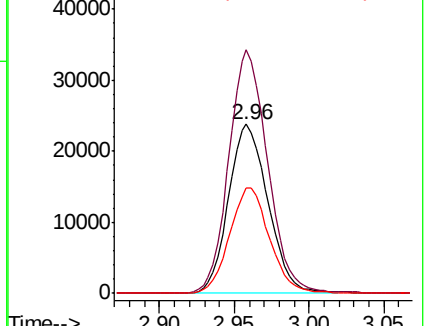
98 62.1 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VU033215.D (-569) (-)

Ion 61.00 (60.70 to 61.70): VU033215.D (-569) (-)

Ion 98.00 (97.70 to 98.70): VU033215.D (-569) (-)



#19

1,1-Dichloroethane

Concen: 60.744 ug/L

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

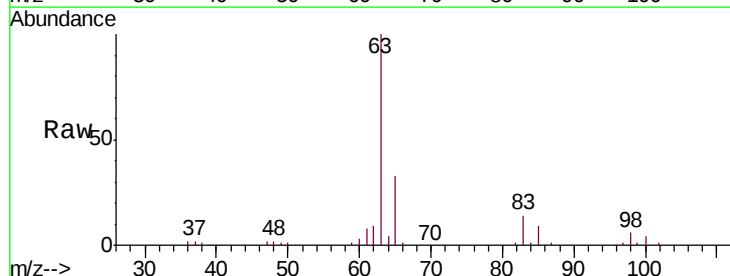
Tgt Ion: 63 Resp: 257016

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.5

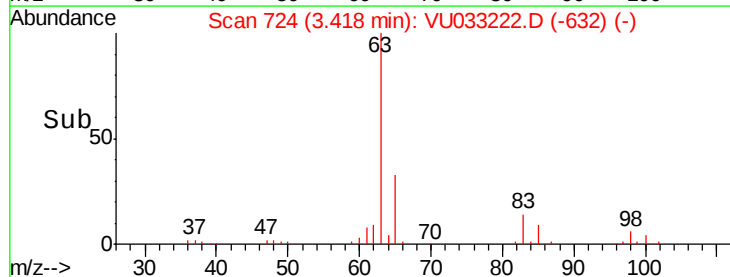
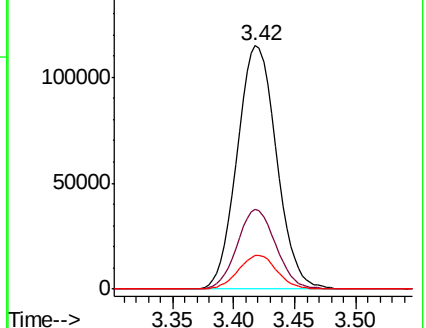
83 13.7 9.3 17.3

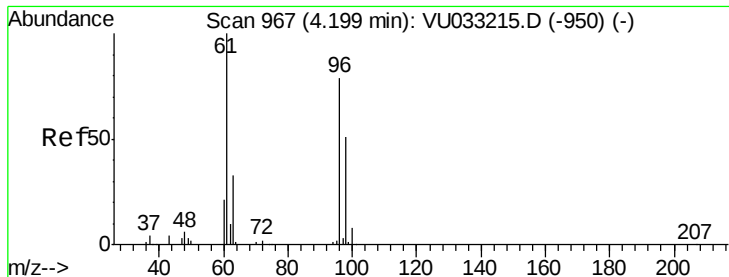


Abundance Ion 63.00 (62.70 to 63.70): VU033215.D (-709) (-)

Ion 65.00 (64.70 to 65.70): VU033215.D (-709) (-)

Ion 83.00 (82.70 to 83.70): VU033215.D (-709) (-)



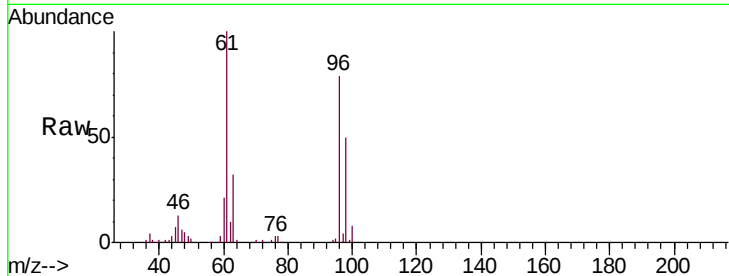


#20

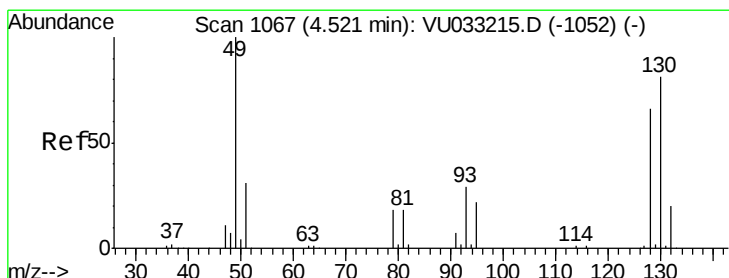
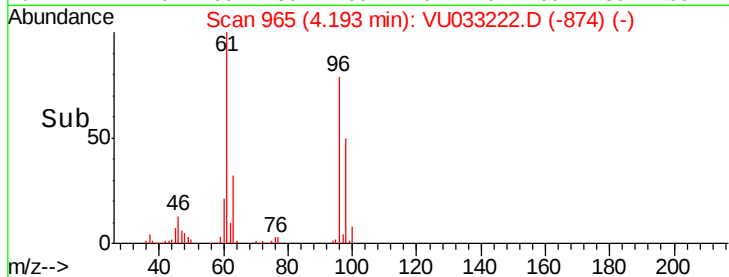
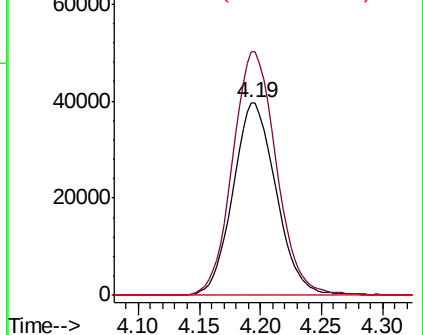
cis-1,2-Dichloroethene
 Concen: 39.045 ug/L
 RT: 4.19 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VU033222.D
 Acq: 12 Jul 2019 15:26

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8W4

Tgt Ion: 96 Resp: 96942
 Ion Ratio Lower Upper
 96 100
 61 126.1 91.1 169.1
 68 0.0 0.0 0.0



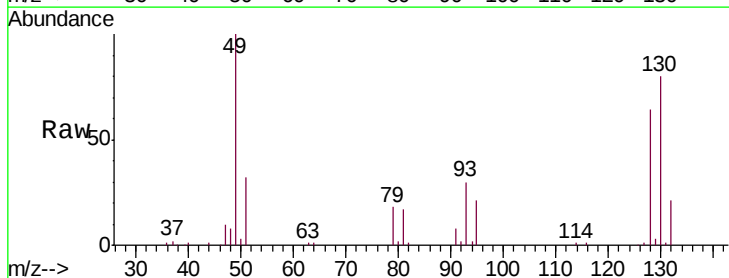
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



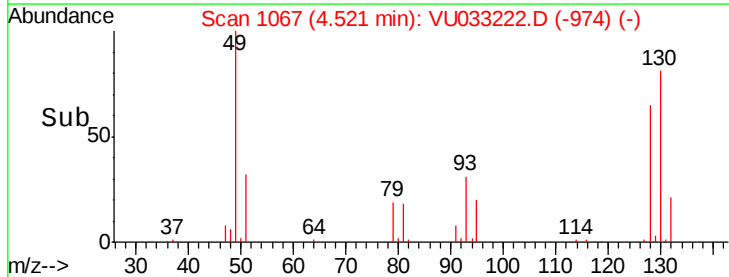
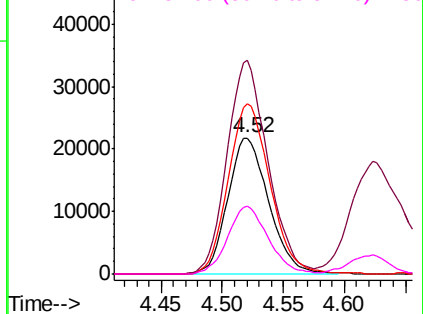
#23

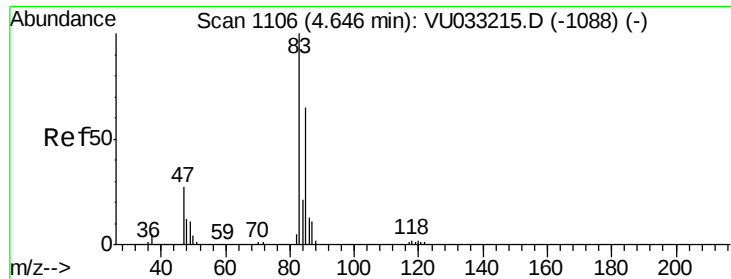
Bromochloromethane
 Concen: 39.996 ug/L
 RT: 4.52 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VU033222.D
 Acq: 12 Jul 2019 15:26

Tgt Ion: 128 Resp: 50850
 Ion Ratio Lower Upper
 128 100
 49 157.0 107.2 199.2
 130 125.4 87.0 161.6
 51 50.0 39.6 59.4



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VU0
 Ion 130.00 (129.70 to 130.70): V
 Ion 51.00 (50.70 to 51.70): VU0





#25

Chloroform

Concen: 54.750 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

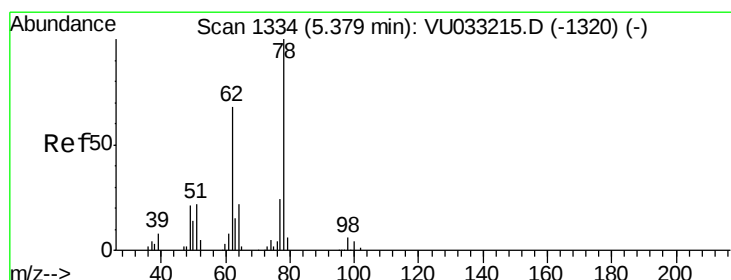
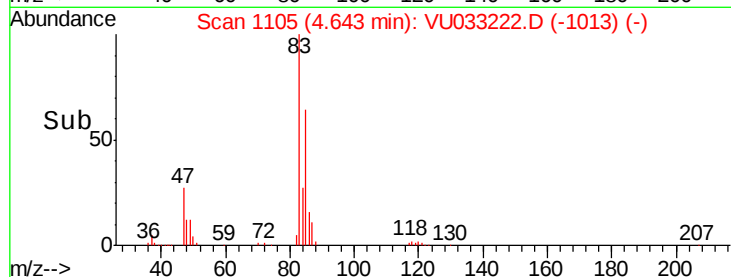
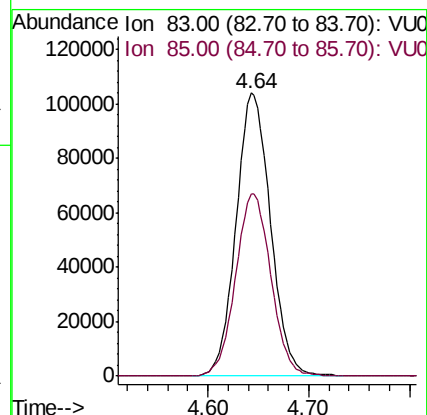
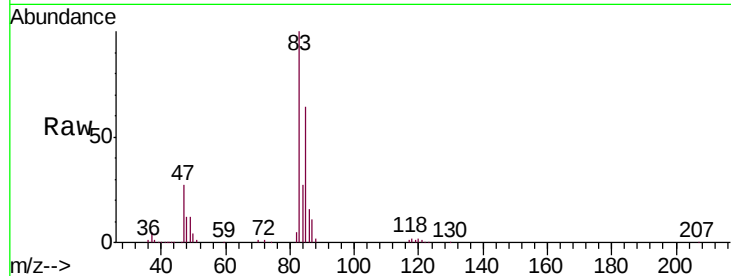
DB8W4

Tgt Ion: 83 Resp: 246377

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 67.705 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033222.D

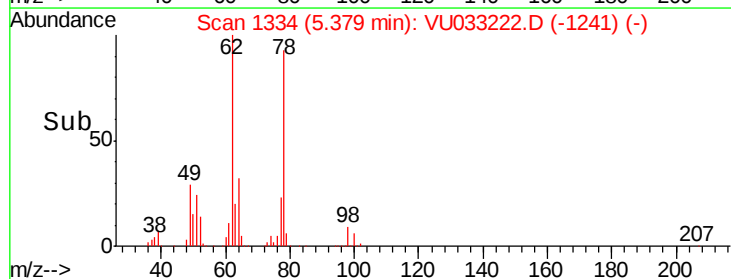
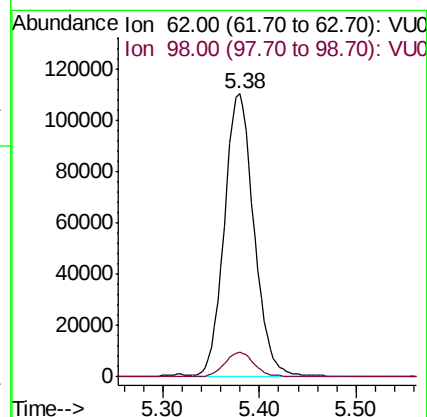
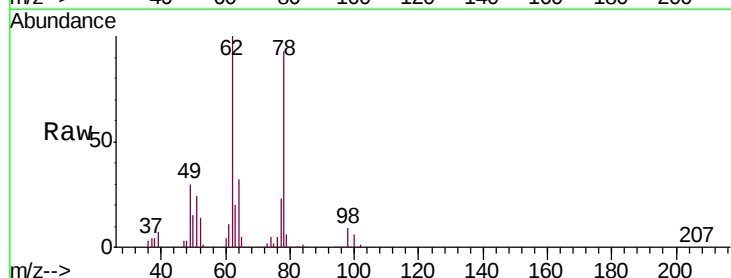
Acq: 12 Jul 2019 15:26

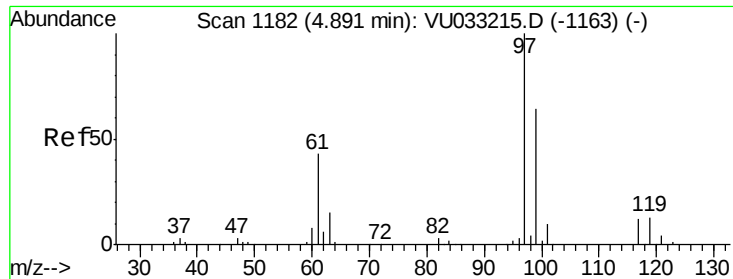
Tgt Ion: 62 Resp: 235925

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.6

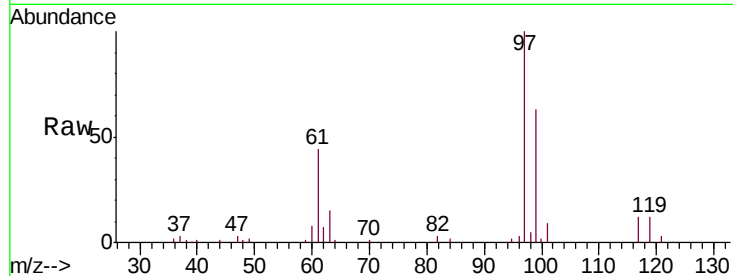




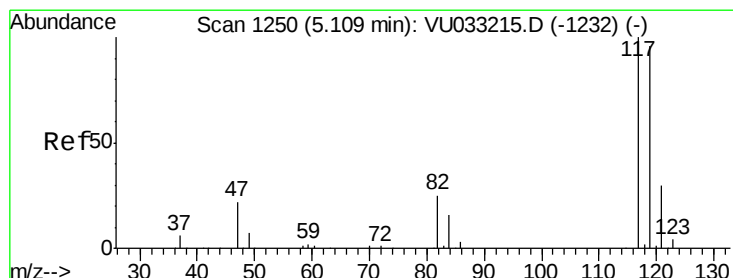
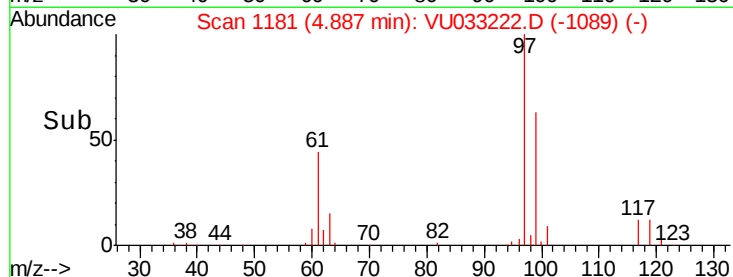
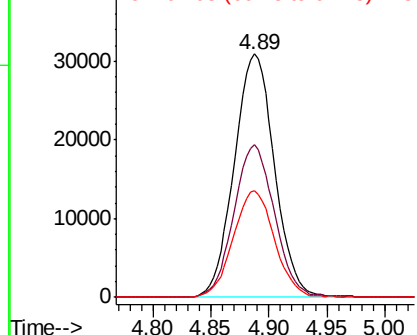
#30
 1,1,1-Trichloroethane
 Concen: 20.256 ug/L
 RT: 4.89 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VU033222.D
 Acq: 12 Jul 2019 15:26

Instrument :
 MSVOA_U
 ClientSampled :
 DB8W4

Tgt Ion: 97 Resp: 74505
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.5 77.3
 61 44.8 36.4 54.6

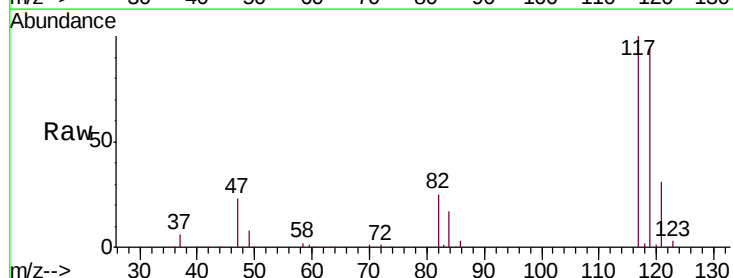


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

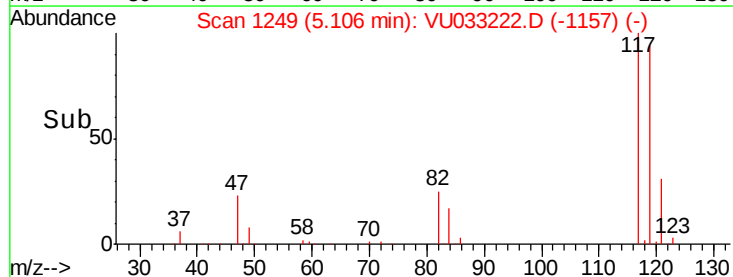
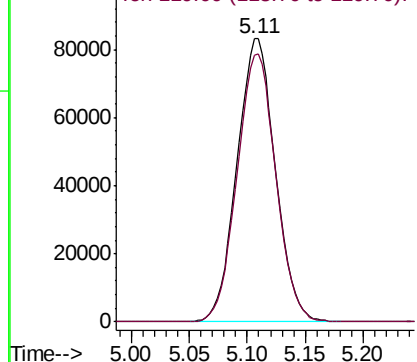


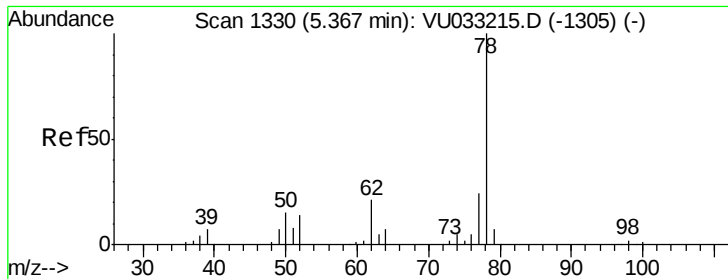
#31
 Carbon tetrachloride
 Concen: 59.421 ug/L
 RT: 5.11 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VU033222.D
 Acq: 12 Jul 2019 15:26

Tgt Ion: 117 Resp: 191265
 Ion Ratio Lower Upper
 117 100
 119 95.6 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V

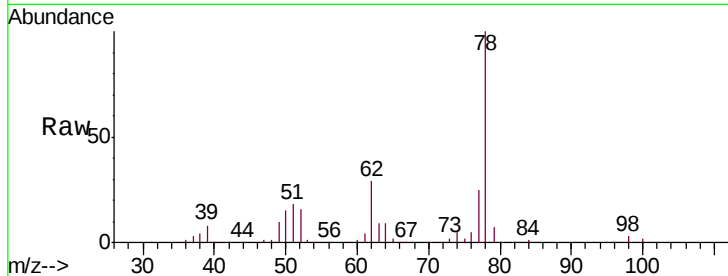




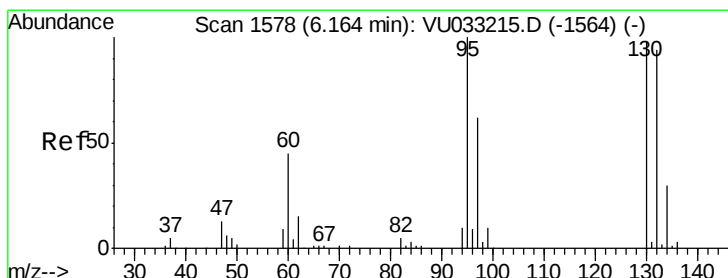
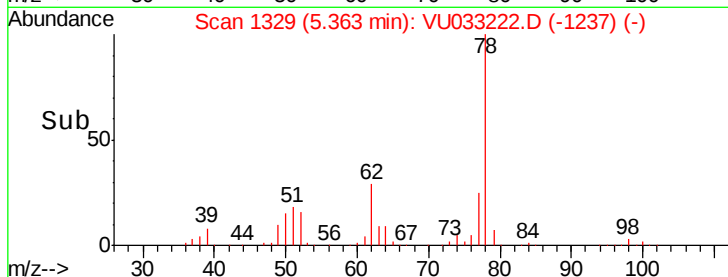
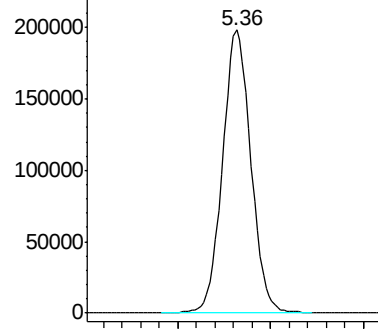
#33
Benzene
Concen: 45.778 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VU033222.D
Acq: 12 Jul 2019 15:26

Instrument :
MSVOA_U
ClientSampled :
DB8W4

Tgt Ion: 78 Resp: 420885



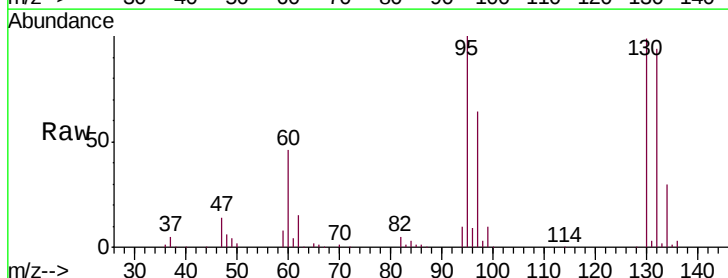
Abundance Ion 78.00 (77.70 to 78.70): VU0



#34
Trichloroethene
Concen: 80.035 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VU033222.D
Acq: 12 Jul 2019 15:26

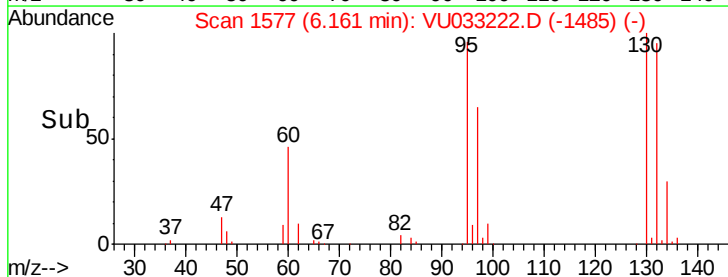
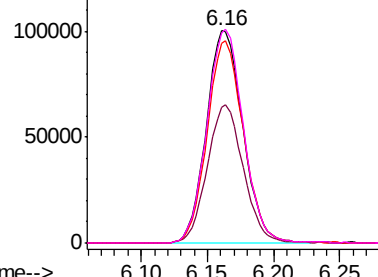
Tgt Ion: 95 Resp: 192445

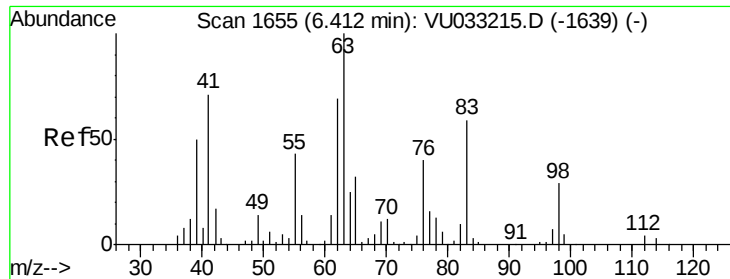
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.8	81.4
132	94.3	65.5	121.6
130	98.9	69.7	129.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

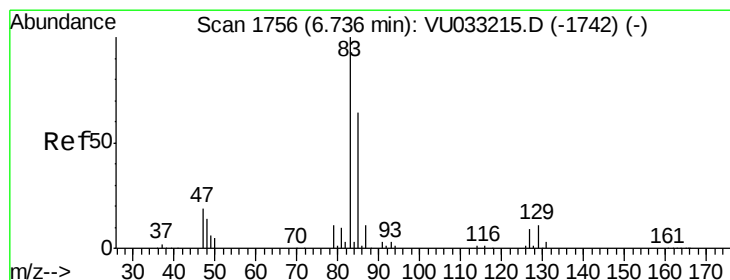
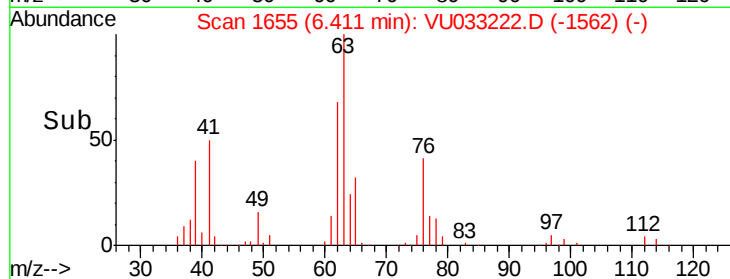
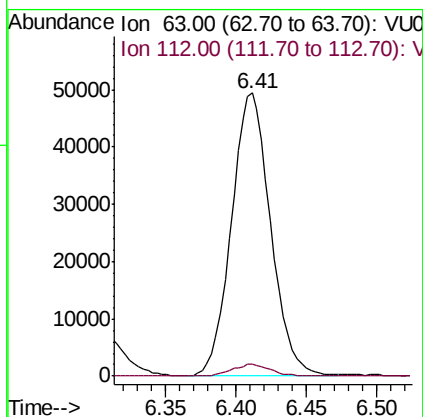
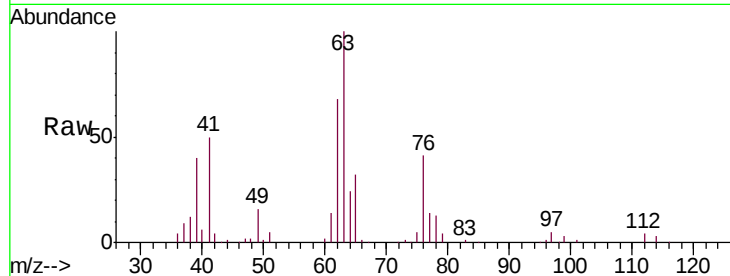




#37
 1,2-Dichloropropane
 Concen: 38.199 ug/L
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033222.D
 Acq: 12 Jul 2019 15:26

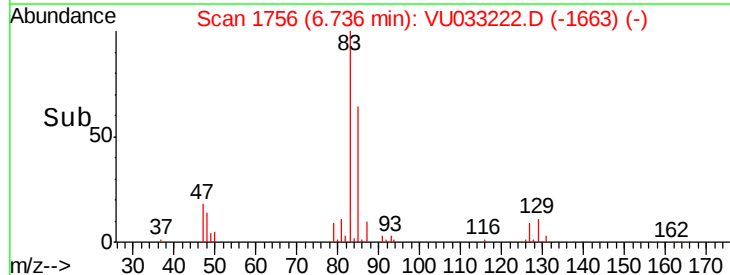
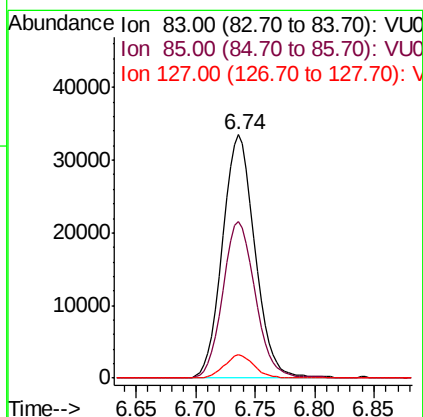
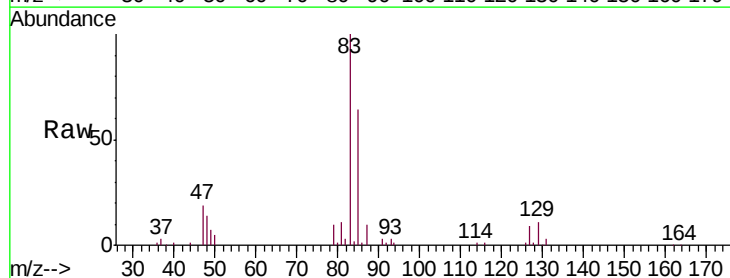
Instrument :
 MSVOA_U
 ClientSampled :
 DB8W4

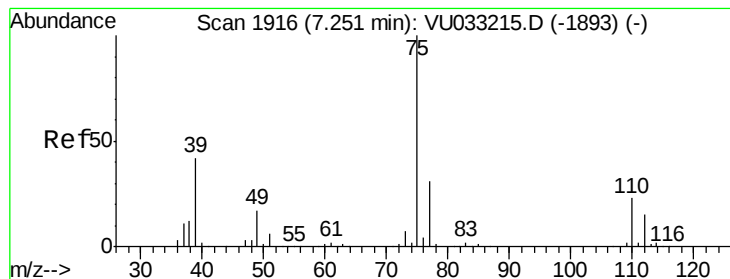
Tgt Ion: 63 Resp: 95247
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.2 4.8



#38
 Bromodichloromethane
 Concen: 19.713 ug/L
 RT: 6.74 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VU033222.D
 Acq: 12 Jul 2019 15:26

Tgt Ion: 83 Resp: 63403
 Ion Ratio Lower Upper
 83 100
 85 64.3 45.8 85.0
 127 9.5 6.8 10.2



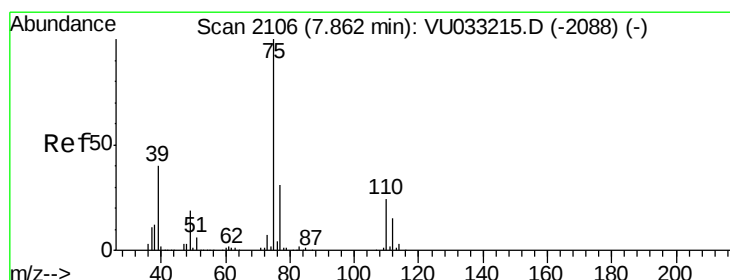
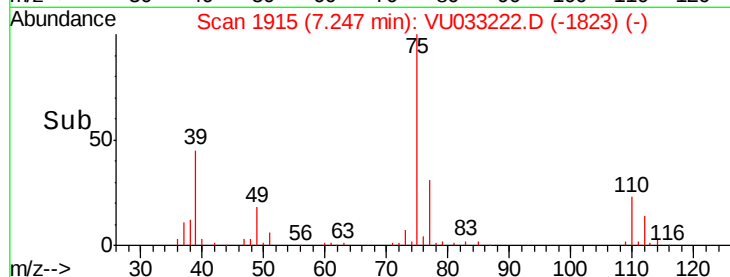
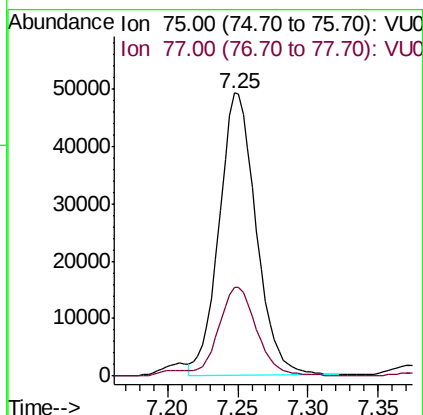
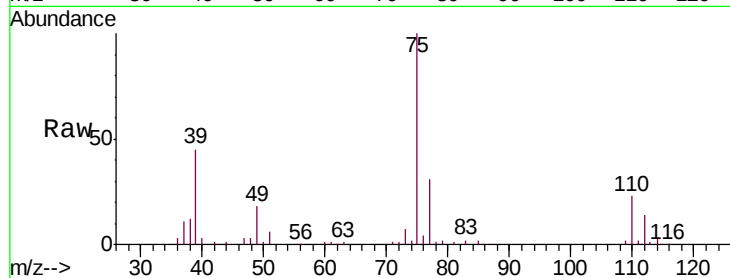


#39

cis-1,3-Dichloropropene
Concen: 23.448 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VU033222.D
Acq: 12 Jul 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
DB8W4

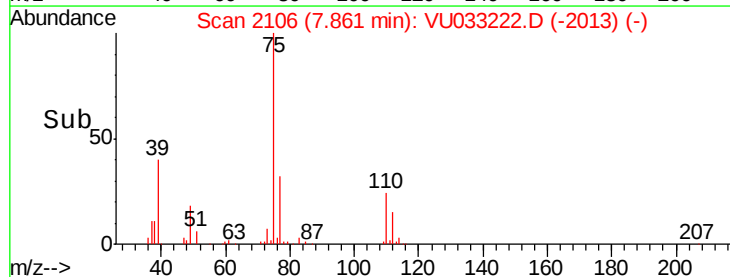
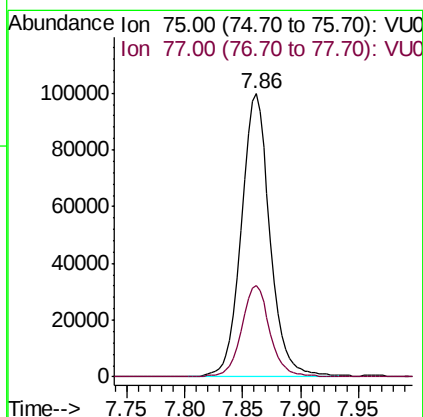
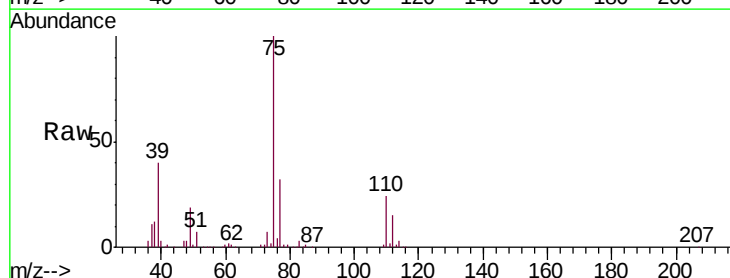
Tgt Ion: 75 Resp: 89641
Ion Ratio Lower Upper
75 100
77 31.2 23.1 42.9

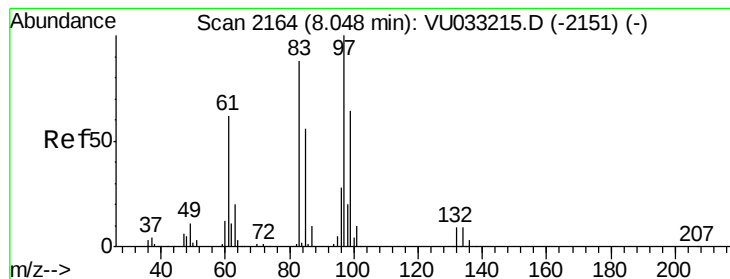


#44

trans-1,3-Dichloropropene
Concen: 49.841 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. -0.00 min
Lab File: VU033222.D
Acq: 12 Jul 2019 15:26

Tgt Ion: 75 Resp: 171837
Ion Ratio Lower Upper
75 100
77 32.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 25.666 ug/L

RT: 8.05 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampled :

DB8W4

Tgt Ion: 97 Resp: 60525

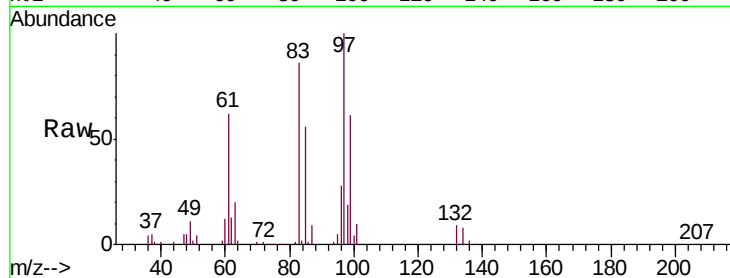
Ion Ratio Lower Upper

97 100

99 61.5 43.0 79.8

83 86.0 61.5 114.3

85 56.5 38.8 72.0

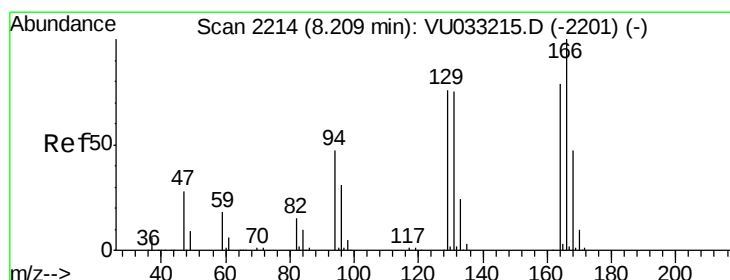
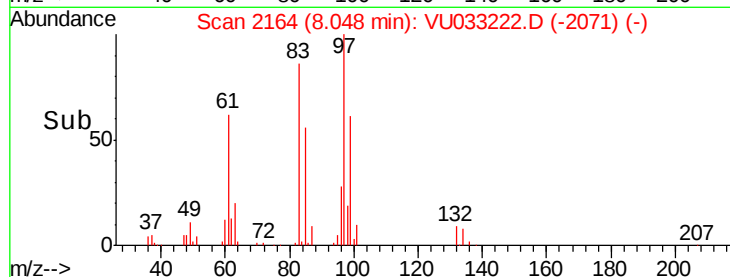
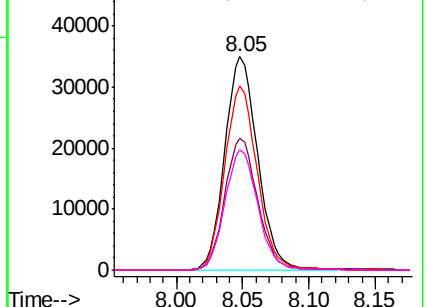


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 70.861 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Tgt Ion: 164 Resp: 131900

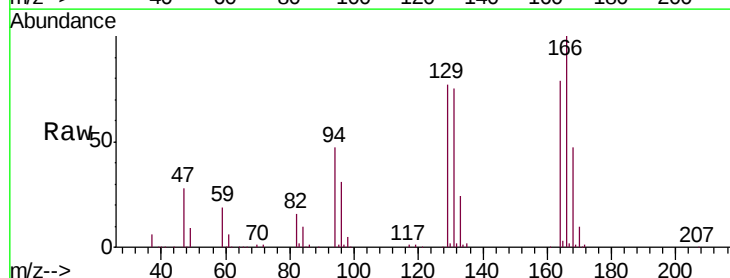
Ion Ratio Lower Upper

164 100

129 98.0 69.6 129.2

131 95.0 65.7 122.1

166 126.5 88.5 164.4

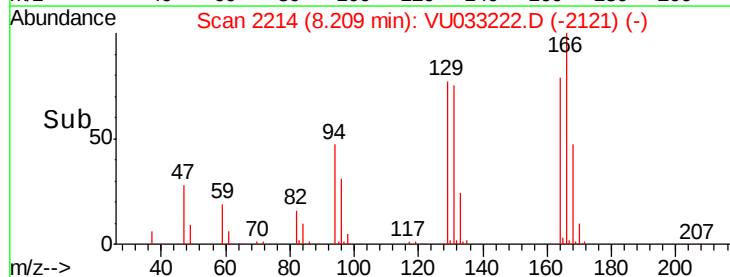
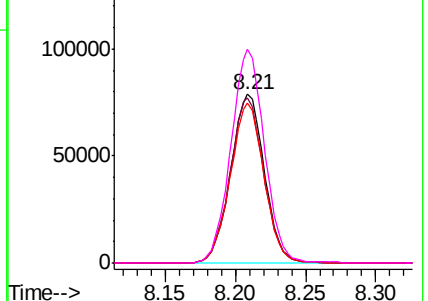


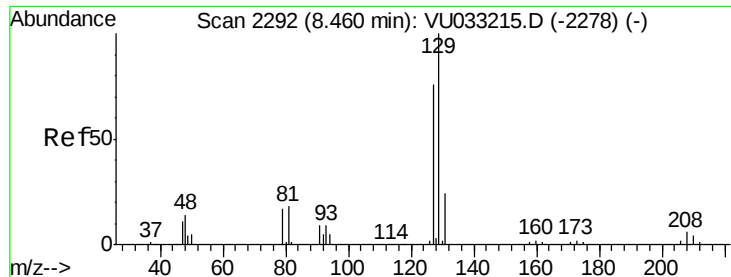
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

Dibromochloromethane

Concen: 38.385 ug/L

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

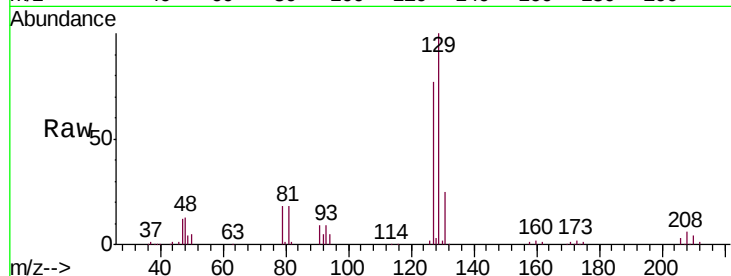
DB8W4

Tgt Ion:129 Resp: 100974

Ion Ratio Lower Upper

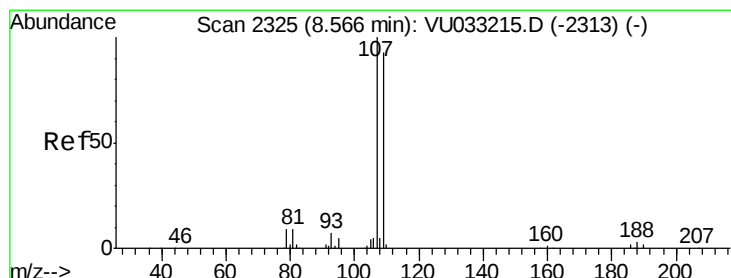
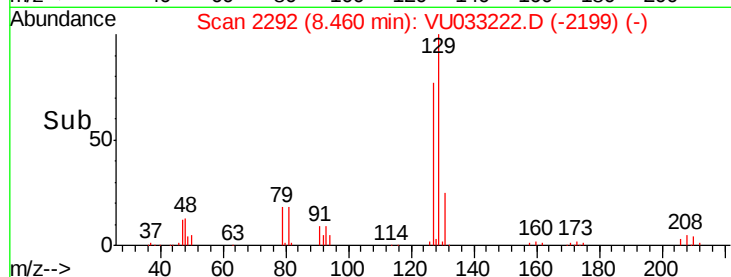
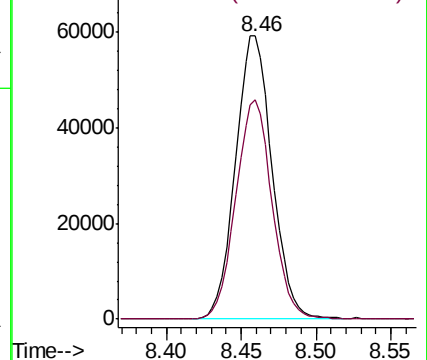
129 100

127 77.3 54.3 100.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 28.653 ug/L

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

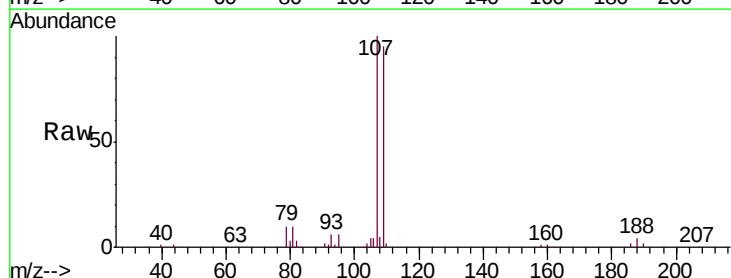
Tgt Ion:107 Resp: 73671

Ion Ratio Lower Upper

107 100

109 94.6 64.2 119.2

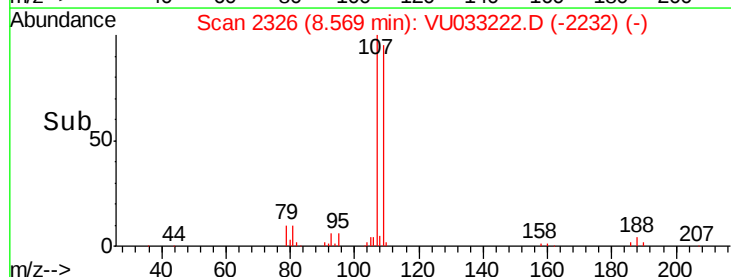
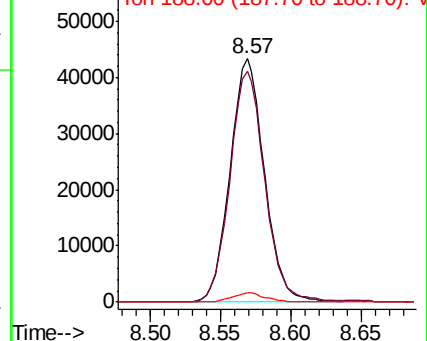
188 3.9 2.6 4.0

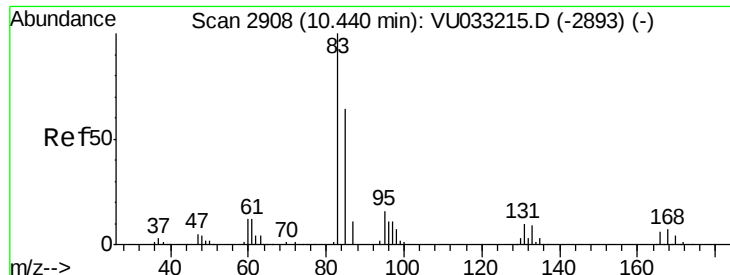


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#58

1,1,2,2-Tetrachloroethane

Concen: 37.553 ug/L

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

DB8W4

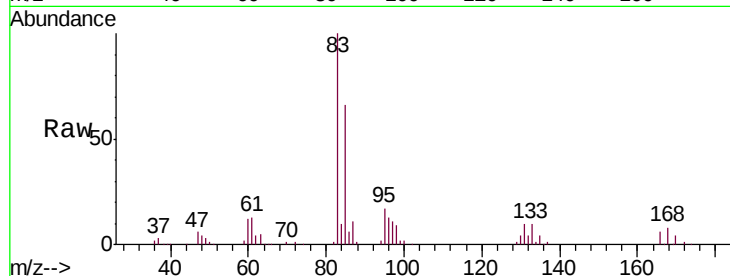
Tgt Ion: 83 Resp: 155555

Ion Ratio Lower Upper

83 100

85 65.5 44.9 83.3

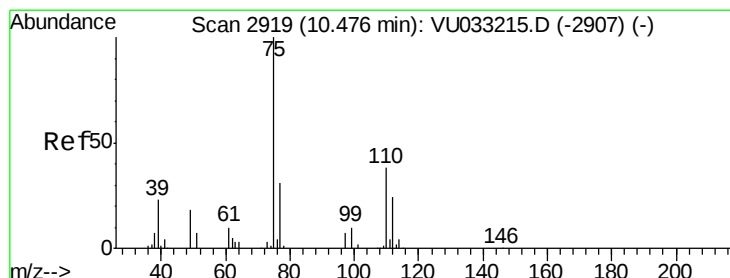
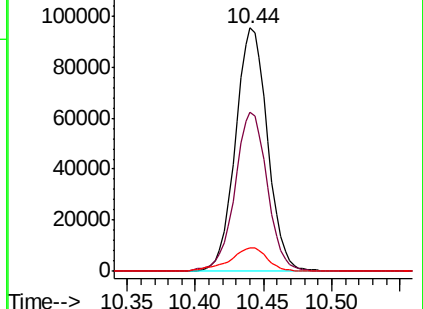
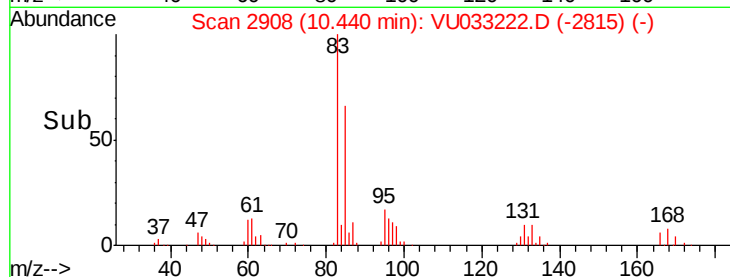
131 9.7 7.6 11.4



Abundance Ion 83.00 (82.70 to 83.70): VU033222.D (-2815) (-)

Ion 85.00 (84.70 to 85.70): VU033222.D (-2815) (-)

Ion 131.00 (130.70 to 131.70): VU033222.D (-2815) (-)



#59

1,2,3-Trichloropropane

Concen: 6.065 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033222.D

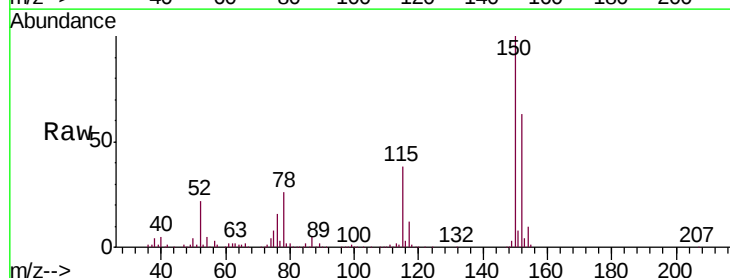
Acq: 12 Jul 2019 15:26

Tgt Ion: 75 Resp: 19688

Ion Ratio Lower Upper

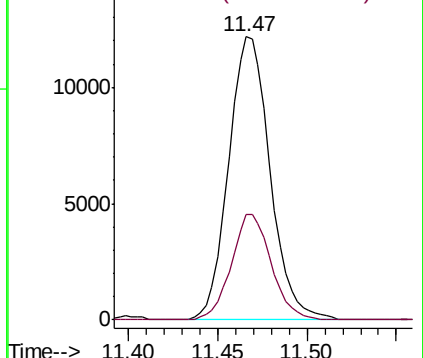
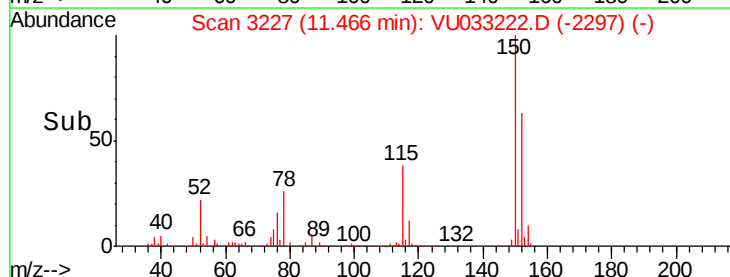
75 100

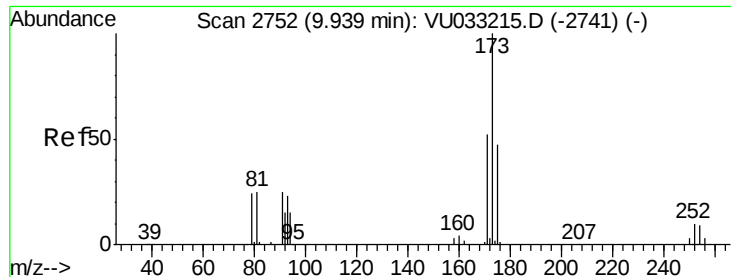
77 36.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU033222.D (-2297) (-)

Ion 77.00 (76.70 to 77.70): VU033222.D (-2297) (-)





#61

Bromoform

Concen: 48.808 ug/L

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

DB8W4

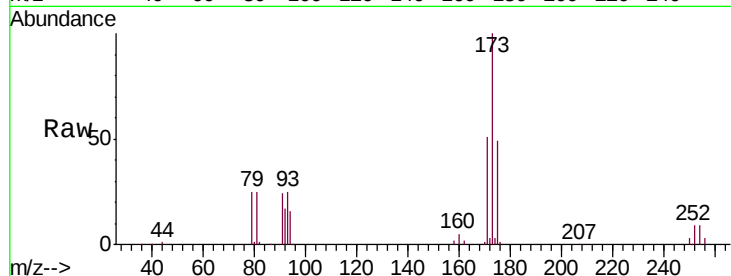
Tgt Ion:173 Resp: 94983

Ion Ratio Lower Upper

173 100

175 48.1 40.0 60.0

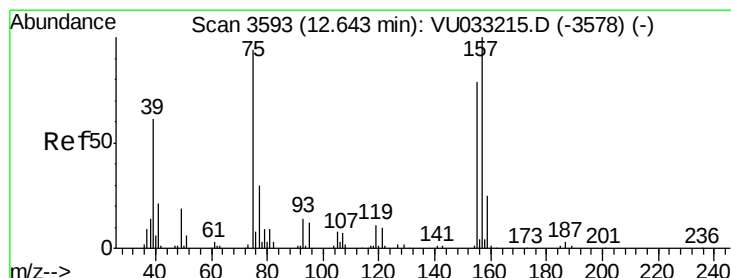
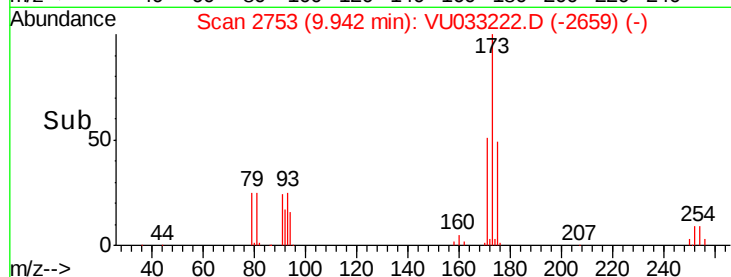
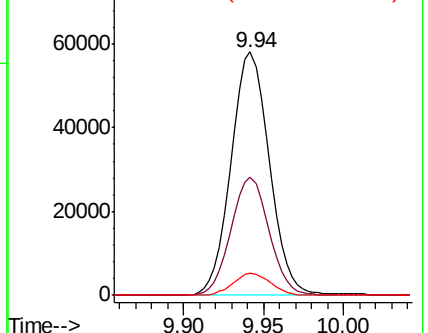
254 8.8 7.3 10.9



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 37.000 ug/L

RT: 12.64 min Scan# 3593

Delta R.T. -0.00 min

Lab File: VU033222.D

Acq: 12 Jul 2019 15:26

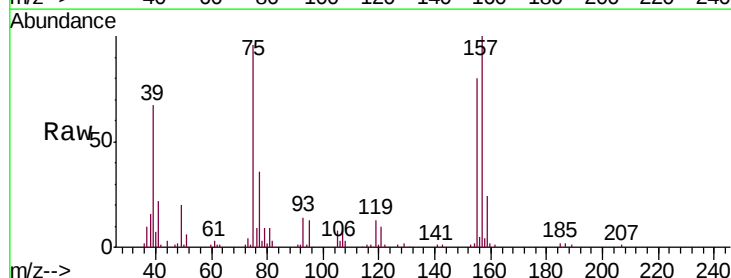
Tgt Ion: 75 Resp: 35524

Ion Ratio Lower Upper

75 100

155 83.1 63.5 95.3

157 104.5 84.6 127.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

