

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032557.D
 Acq On : 10 Jun 2019 11:38
 Operator : JC/SP
 Sample : K3277-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

Quant Time: Jun 11 05:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 04:40:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	72200	51.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.68%
7) Chloroethane-d5	1.66	69	56580	50.56	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.12%
11) 1,1-Dichloroethene-d2	2.26	63	153419	56.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.52%
21) 2-Butanone-d5	4.17	46	116935	100.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.33%
24) Chloroform-d	4.64	84	136955	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
26) 1,2-Dichloroethane-d4	5.30	65	85393	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
32) Benzene-d6	5.33	84	271707	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
36) 1,2-Dichloropropane-d6	6.32	67	85139	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.80%
41) Toluene-d8	7.56	98	252512	51.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.78%
43) trans-1,3-Dichloropropene-	7.84	79	43091	55.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.82%
47) 2-Hexanone-d5	8.31	63	79696	101.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117726	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	102722	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	44237	22.859	ug/L	99
3) Chloromethane	1.32	50	43383	23.200	ug/L	100
5) Vinyl chloride	1.40	62	93938	50.290	ug/L	99
6) Bromomethane	1.61	94	18688	16.788	ug/L	97
8) Chloroethane	1.68	64	28363	25.545	ug/L	99
9) Trichlorofluoromethane	1.87	101	112771	44.709	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	32466	24.749	ug/L	97
12) 1,1-Dichloroethene	2.27	96	89695	70.420	ug/L #	76
16) Methylene chloride	2.69	84	64326	44.260	ug/L	99
17) trans-1,2-Dichloroethene	2.97	96	30115	21.818	ug/L	99
19) 1,1-Dichloroethane	3.43	63	171908	68.320	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	66682	42.688	ug/L	93
23) Bromochloromethane	4.54	128	35362	43.538	ug/L	97
25) Chloroform	4.66	83	158853	61.178	ug/L	98
27) 1,2-Dichloroethane	5.40	62	152228	74.160	ug/L	100
30) 1,1,1-Trichloroethane	4.90	97	51094	22.612	ug/L	99
31) Carbon tetrachloride	5.13	117	139538	67.376	ug/L	100

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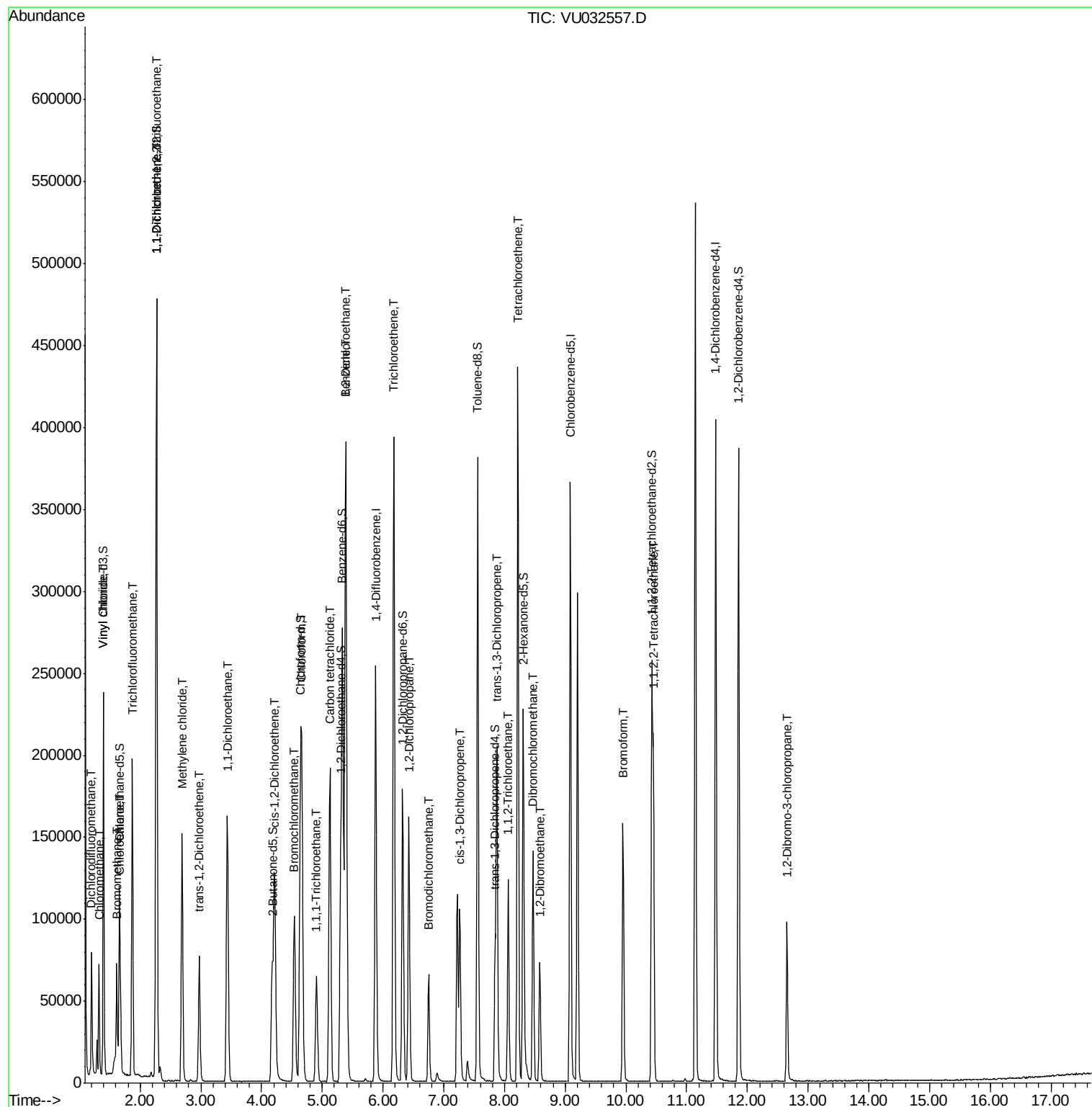
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.38	78	274283	48.906	ug/L	100
34) Trichloroethene	6.18	95	131844	86.408	ug/L	98
37) 1,2-Dichloropropane	6.42	63	62844	42.271	ug/L	99
38) Bromodichloromethane	6.75	83	43149	22.540	ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	61420	26.184	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	112879	54.217	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	38068	27.078	ug/L	98
46) Tetrachloroethene	8.22	164	97332	77.235	ug/L	98
49) Dibromochloromethane	8.47	129	71018	43.460	ug/L	98
50) 1,2-Dibromoethane	8.58	107	48120	30.409	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	92621	38.547	ug/L	99
61) Bromoform	9.95	173	71605	57.093	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	24088	44.496	ug/L	96

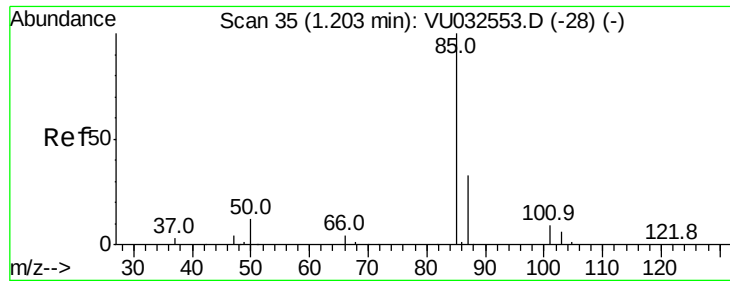
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 22.859 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

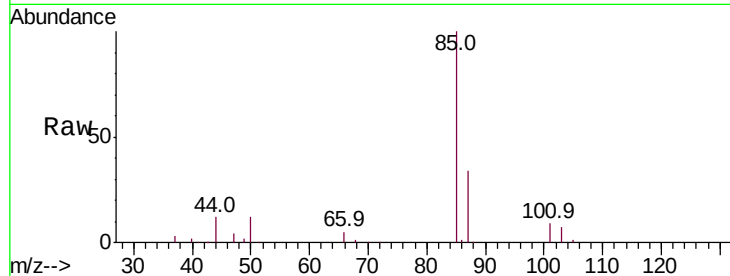
DB8A8

Tot Ion: 85 Resp: 44237

Ion Ratio Lower Upper

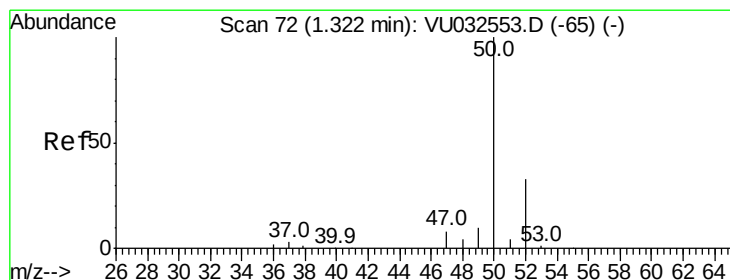
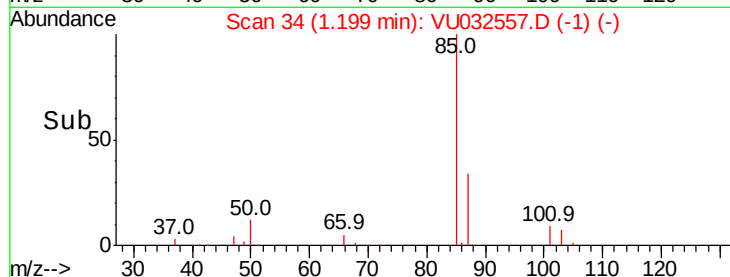
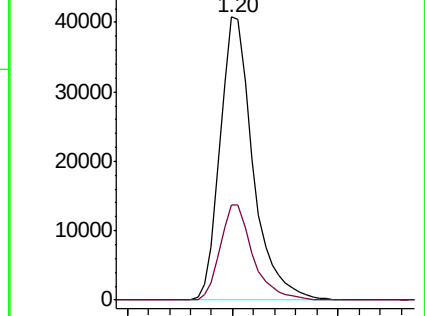
85 100

87 33.4 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU032553.D (-28) (-)

Ion 87.00 (86.70 to 87.70): VU032553.D (-28) (-)



#3

Chloromethane

Concen: 23.200 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU032557.D

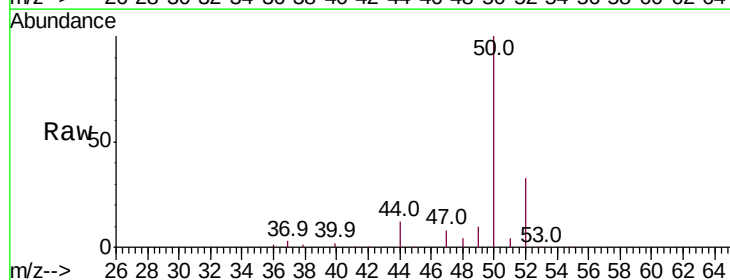
Acq: 10 Jun 2019 11:38

Tgt Ion: 50 Resp: 43383

Ion Ratio Lower Upper

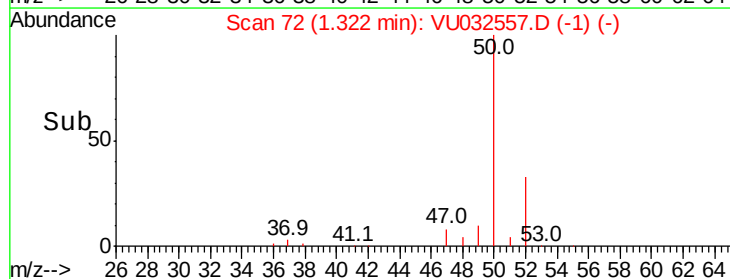
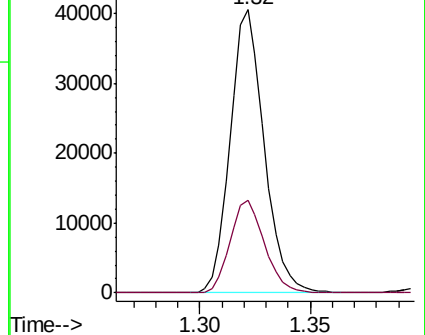
50 100

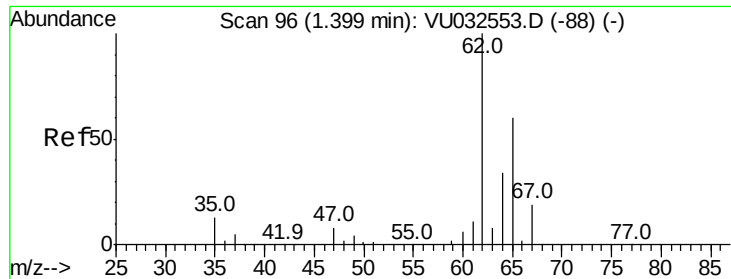
52 32.7 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032553.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU032553.D (-65) (-)





#5

Vinyl chloride

Concen: 50.290 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

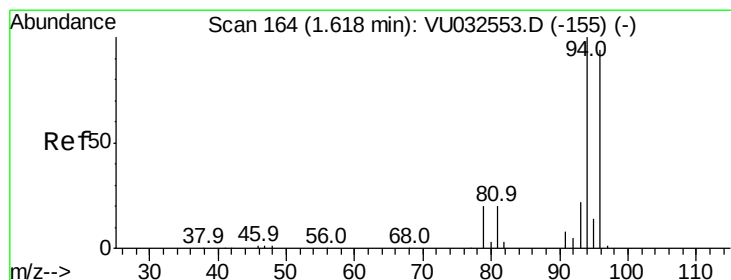
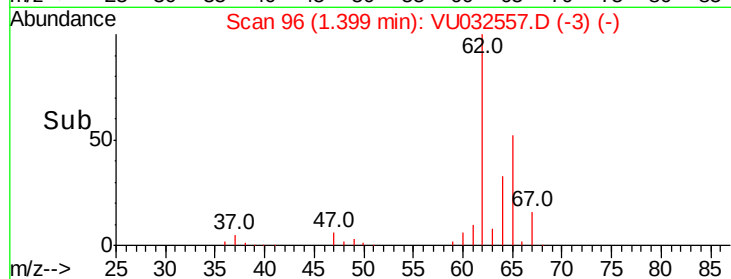
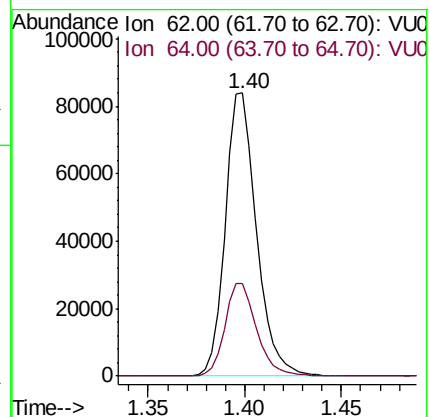
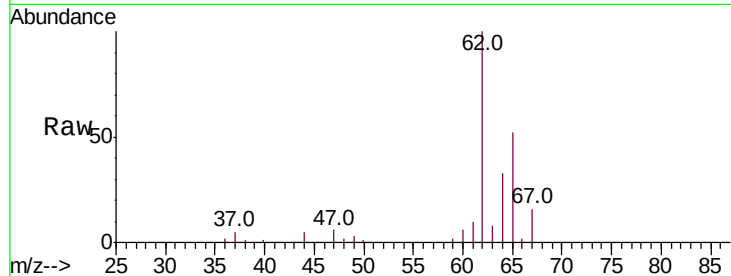
DB8A8

Tot Ion: 62 Resp: 93938

Ion Ratio Lower Upper

62 100

64 32.7 22.6 42.0



#6

Bromomethane

Concen: 16.788 ug/L

RT: 1.61 min Scan# 163

Delta R.T. -0.00 min

Lab File: VU032557.D

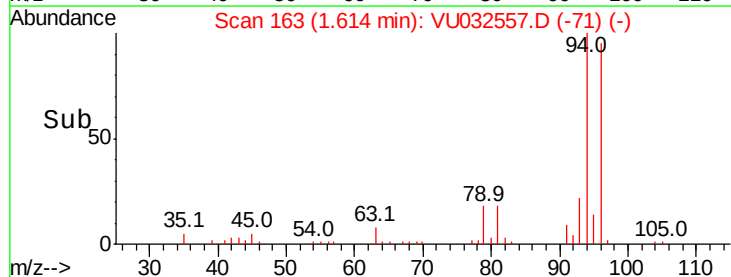
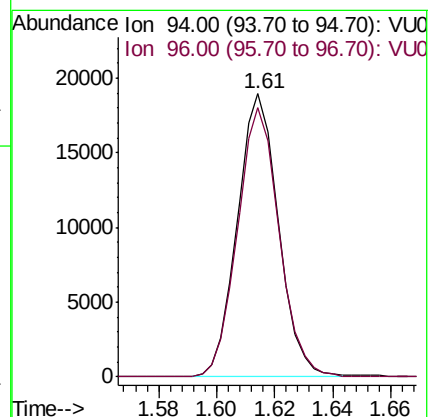
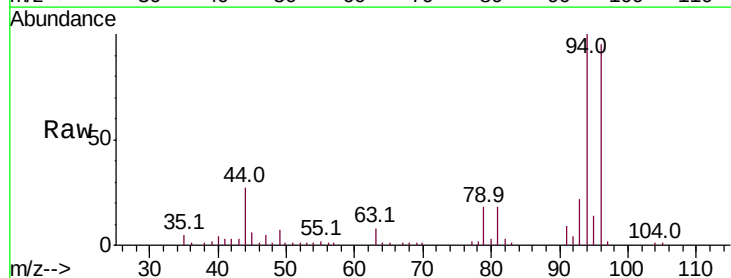
Acq: 10 Jun 2019 11:38

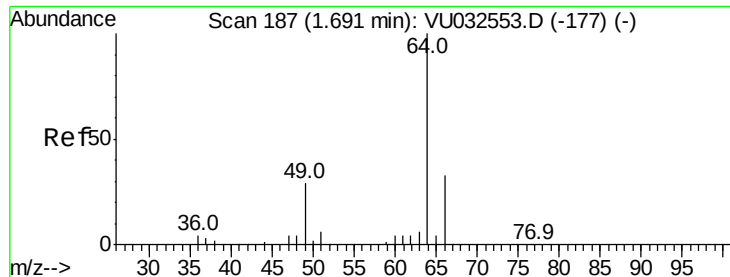
Tgt Ion: 94 Resp: 18688

Ion Ratio Lower Upper

94 100

96 94.9 64.7 120.1





#8

Chloroethane

Concen: 25.545 ug/L

RT: 1.68 min Scan# 182

Delta R.T. -0.02 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

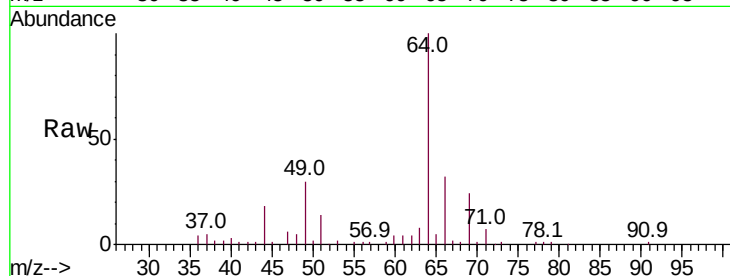
DB8A8

Tot Ion: 64 Resp: 28363

Ion Ratio Lower Upper

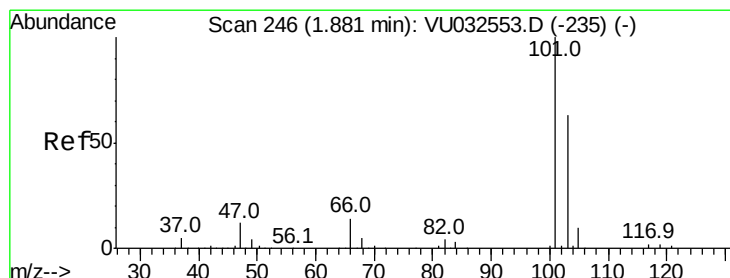
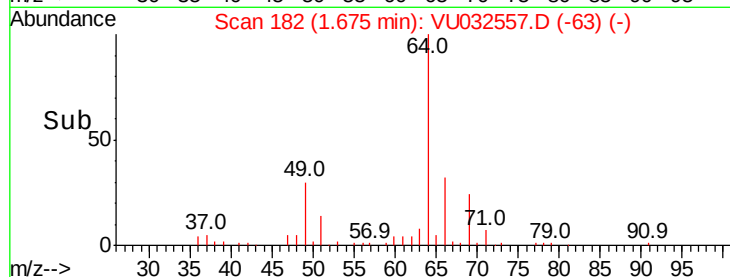
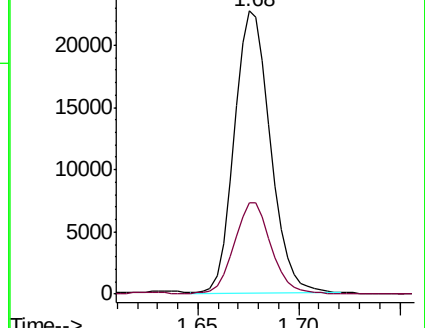
64 100

66 32.1 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VU032557.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU032557.D (-177) (-)



#9

Trichlorofluoromethane

Concen: 44.709 ug/L

RT: 1.87 min Scan# 243

Delta R.T. -0.01 min

Lab File: VU032557.D

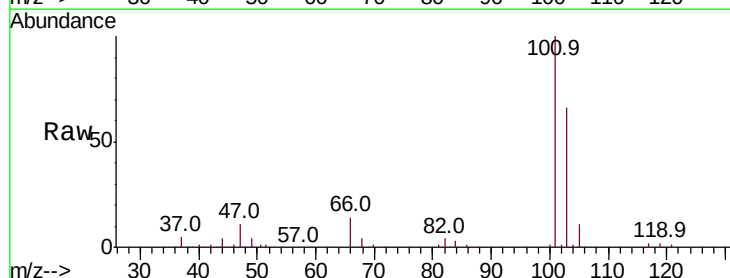
Acq: 10 Jun 2019 11:38

Tgt Ion:101 Resp: 112771

Ion Ratio Lower Upper

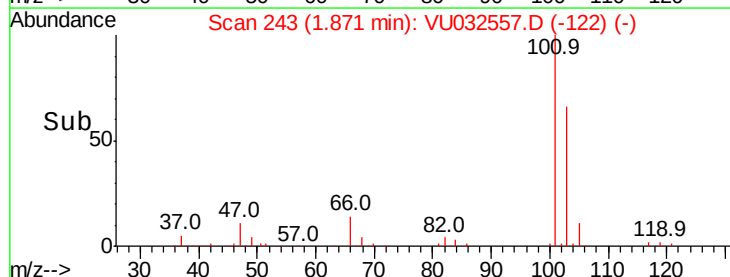
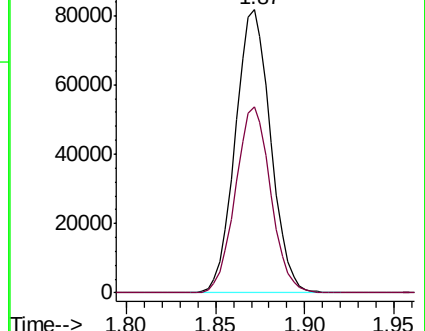
101 100

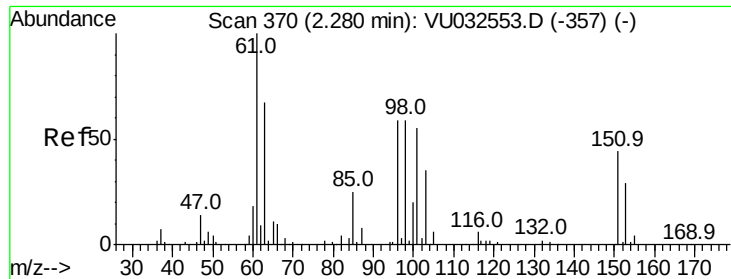
103 65.4 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): VU032557.D (-235) (-)

Ion 103.00 (102.70 to 103.70): VU032557.D (-235) (-)





#10

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

Concen: 24.749 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

DB8A8

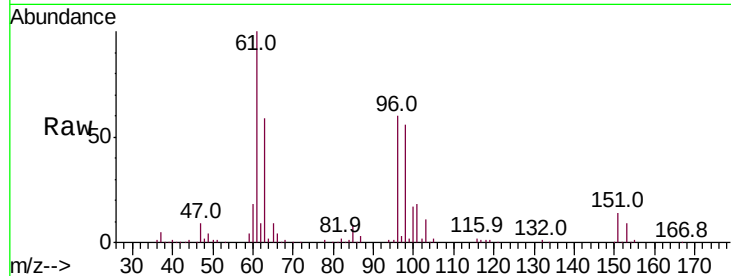
Tot Ion:101 Resp: 32466

Ion Ratio Lower Upper

101 100

85 42.9 36.1 54.1

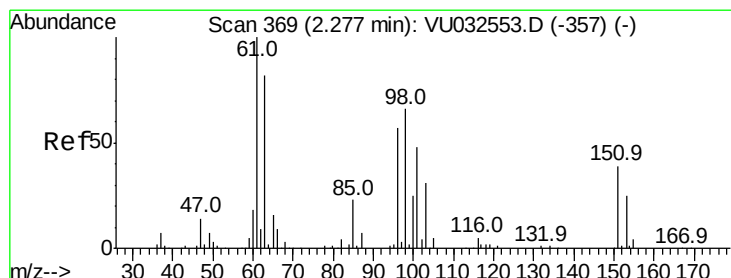
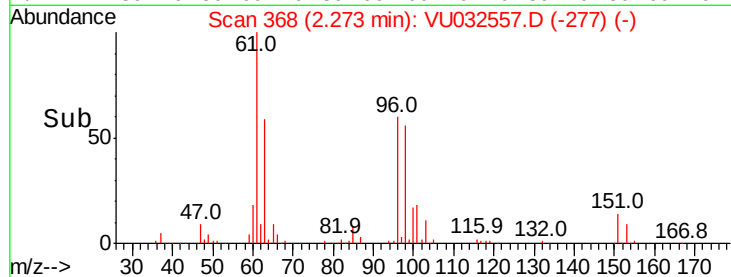
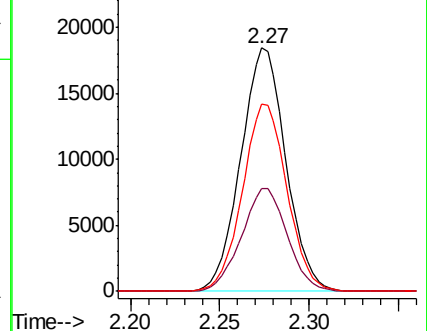
151 75.9 63.0 94.4



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: 70.420 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

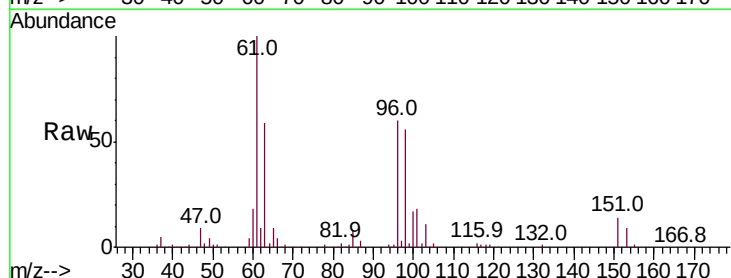
Tgt Ion: 96 Resp: 89695

Ion Ratio Lower Upper

96 100

61 167.6 129.5 240.5

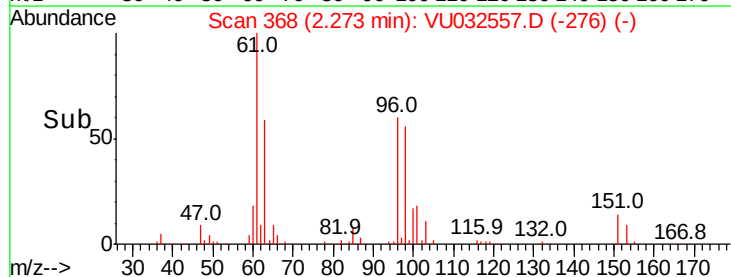
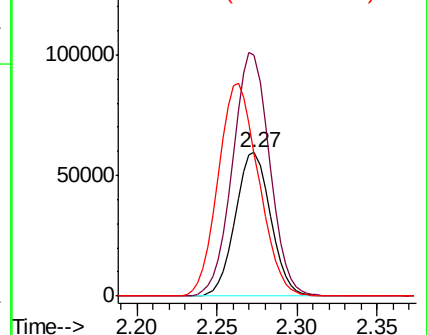
63 99.2 103.4 192.0#

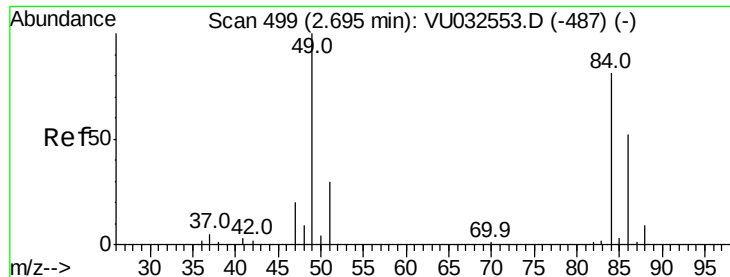


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

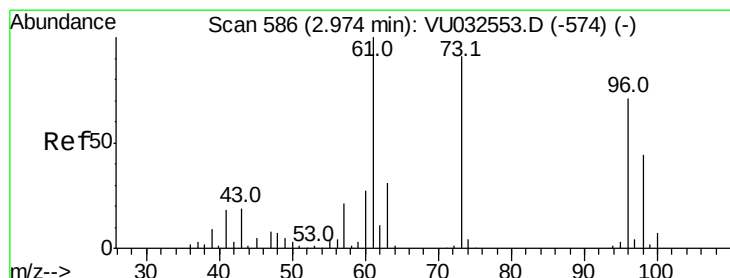
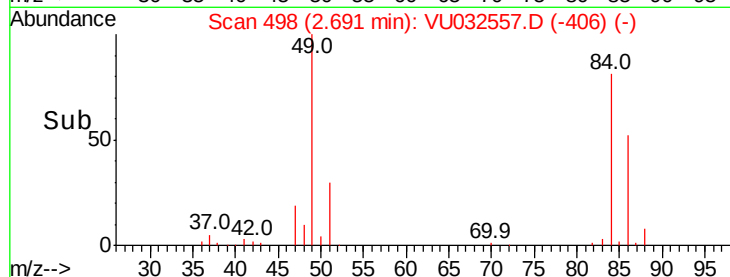
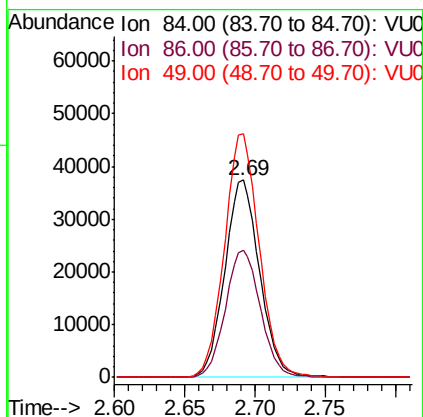
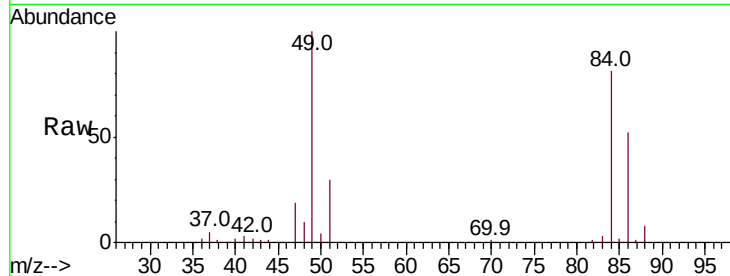




#16
Methvlene chloride
Concen: 44.260 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

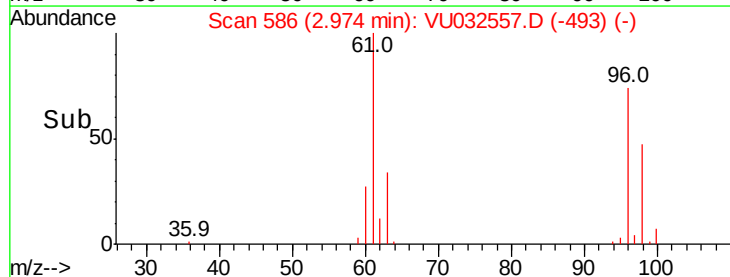
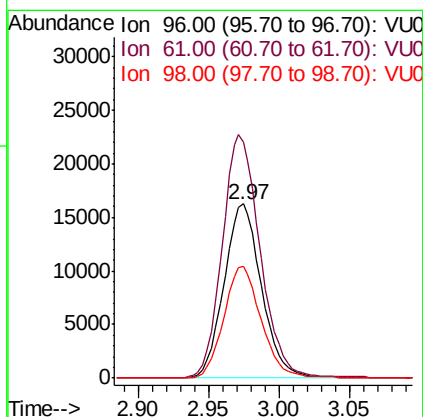
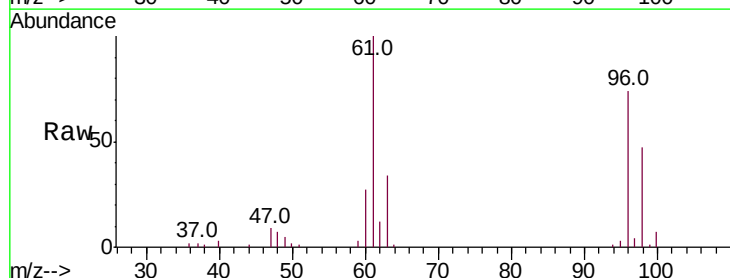
Instrument :
MSVOA_U
ClientSampleId :
DB8A8

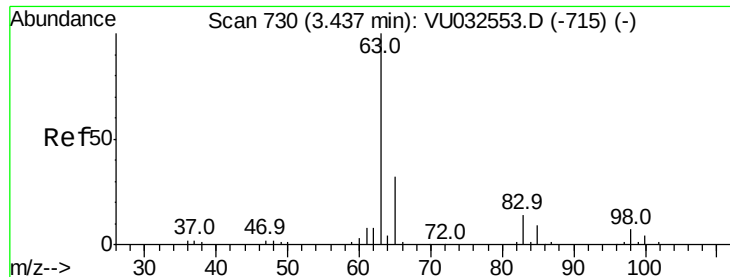
Tot Ion: 84 Resp: 64326
Ion Ratio Lower Upper
84 100
86 64.3 44.7 82.9
49 123.6 86.1 159.9



#17
trans-1,2-Dichloroethene
Concen: 21.818 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU032557.D
Acq: 10 Jun 2019 11:38

Tgt Ion: 96 Resp: 30115
Ion Ratio Lower Upper
96 100
61 135.7 95.7 177.7
98 64.3 44.0 81.6





#19

1,1-Dichloroethane

Concen: 68.320 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampled :

DB8A8

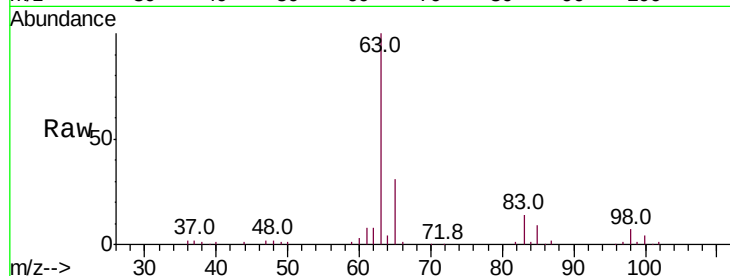
Tot Ion: 63 Resp: 171908

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.6

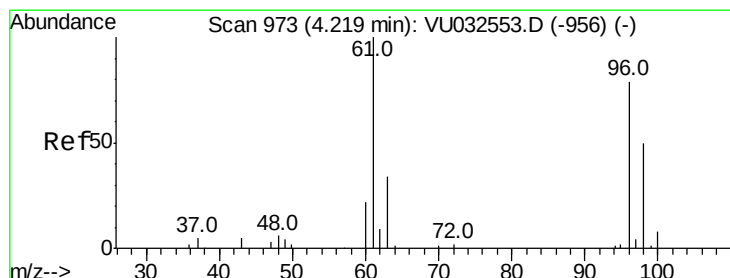
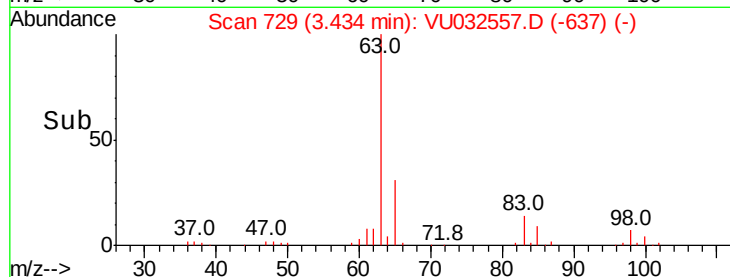
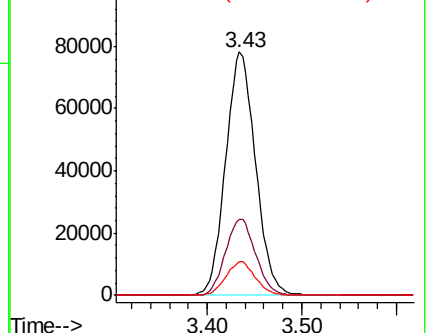
83 13.7 9.8 18.2



Abundance Ion 63.00 (62.70 to 63.70): VU032553.D (-715) (-)

Ion 65.00 (64.70 to 65.70): VU032553.D (-715) (-)

Ion 83.00 (82.70 to 83.70): VU032553.D (-715) (-)



#20

cis-1,2-Dichloroethene

Concen: 42.688 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

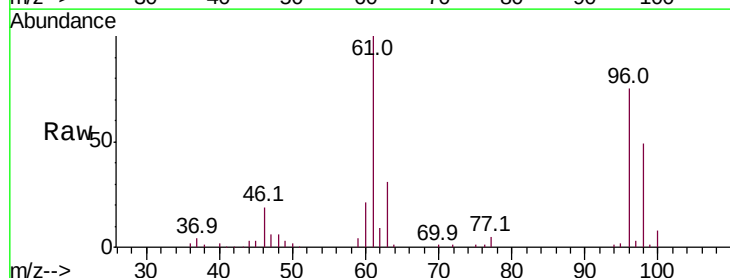
Tgt Ion: 96 Resp: 66682

Ion Ratio Lower Upper

96 100

61 132.6 87.2 162.0

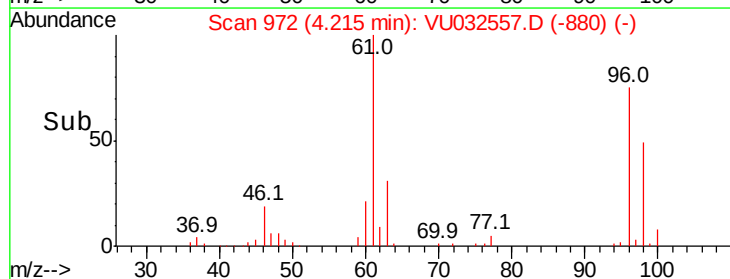
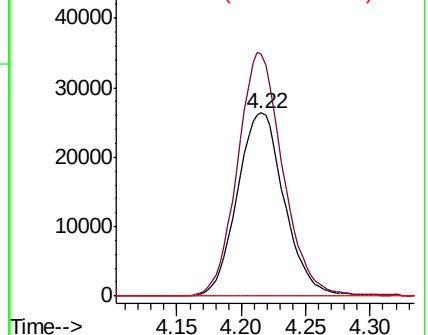
68 0.0 0.0 0.0

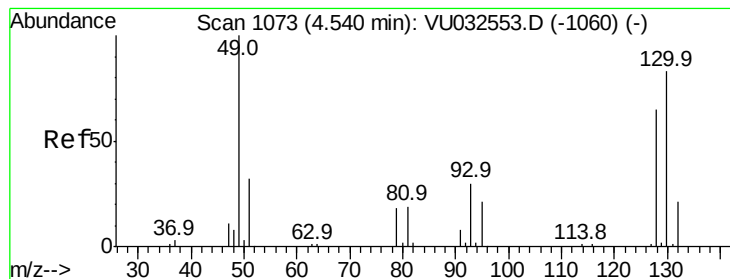


Abundance Ion 96.00 (95.70 to 96.70): VU032553.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032553.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032553.D (-956) (-)





#23

Bromochloromethane

Concen: 43.538 ug/L

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

DB8A8

Tot Ion:128 Resp: 35362

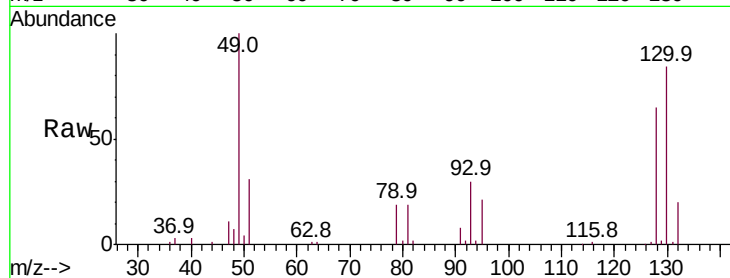
Ion Ratio Lower Upper

128 100

49 154.4 103.7 192.5

130 129.4 92.2 171.2

51 48.4 37.7 56.5

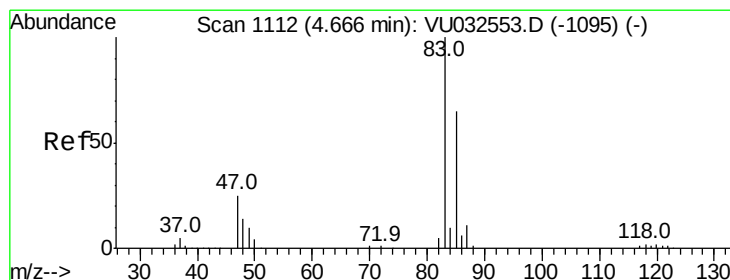
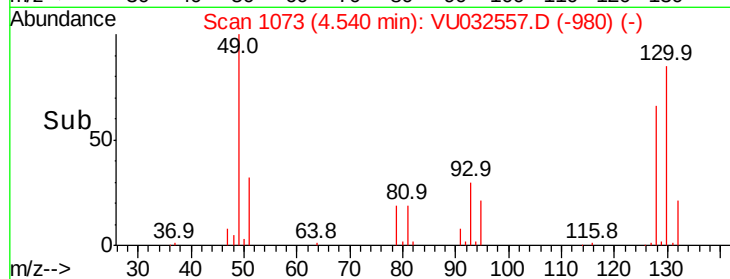
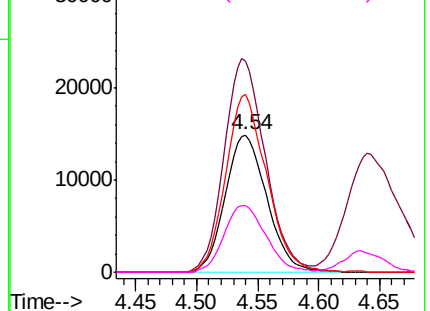


Abundance Ion 128.00 (127.70 to 128.70): V

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: 61.178 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU032557.D

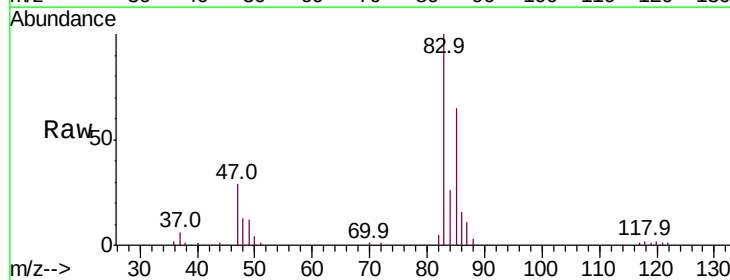
Acq: 10 Jun 2019 11:38

Tgt Ion: 83 Resp: 158853

Ion Ratio Lower Upper

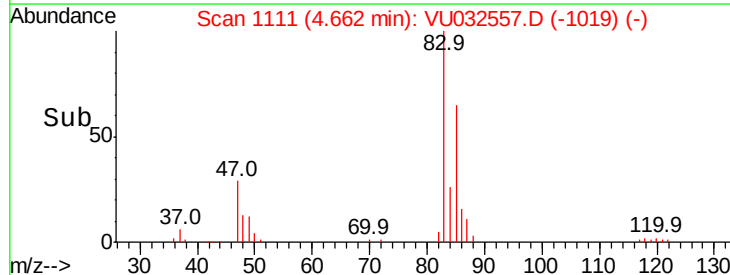
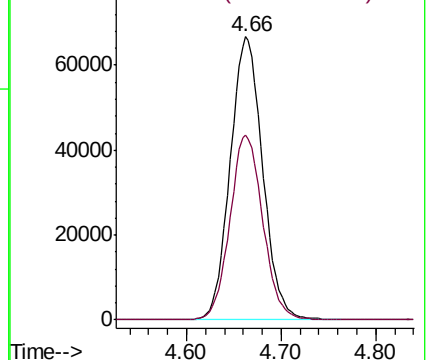
83 100

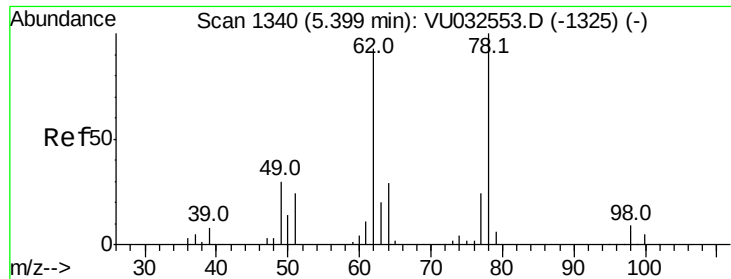
85 65.3 44.7 82.9



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

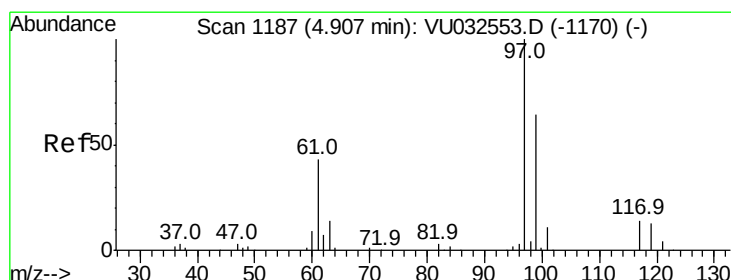
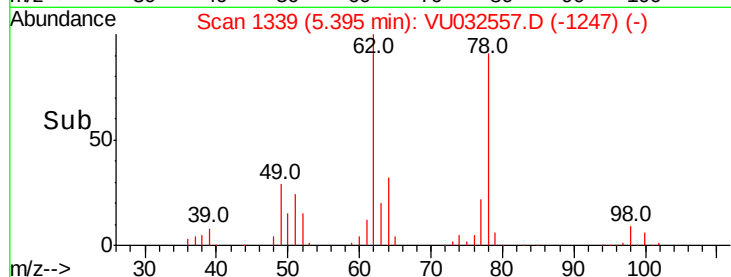
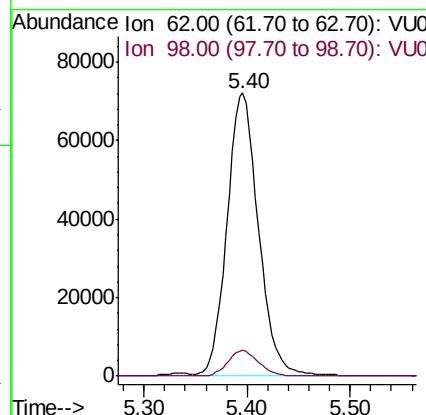
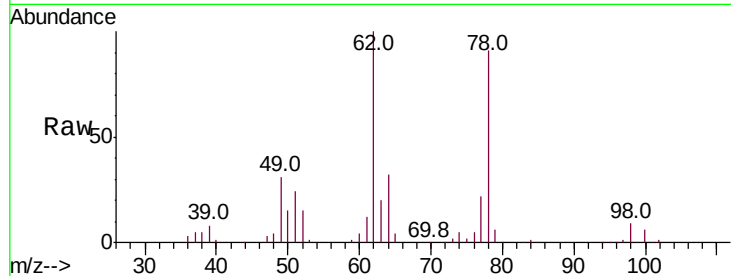




#27
 1,2-Dichloroethane
 Concen: 74.160 ug/L
 RT: 5.40 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

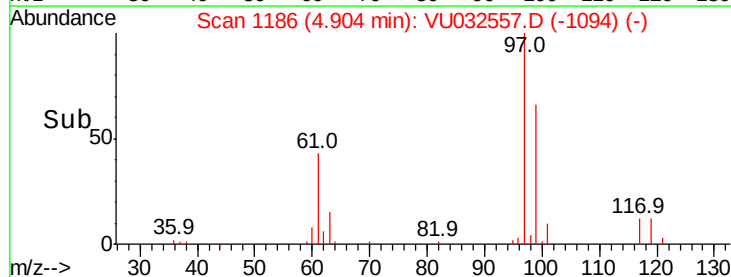
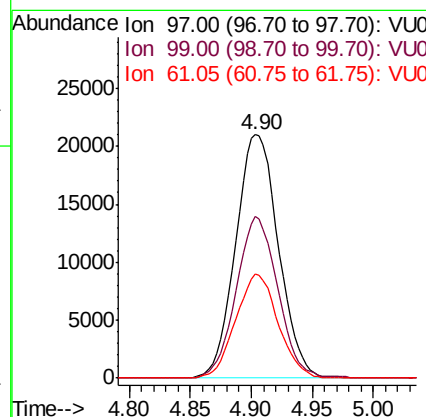
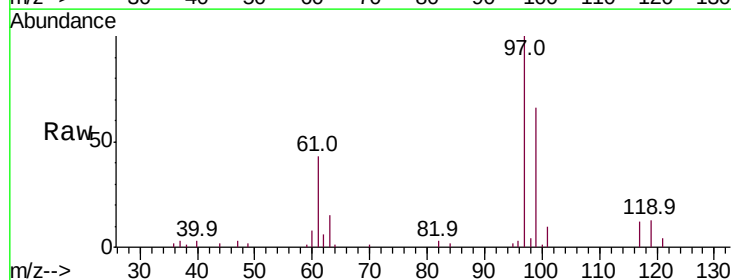
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

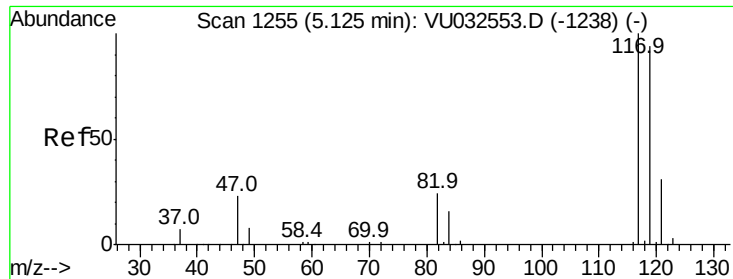
Tot Ion: 62 Resp: 152228
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.2 10.8



#30
 1,1,1-Trichloroethane
 Concen: 22.612 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 97 Resp: 51094
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.5 75.7
 61 42.1 33.8 50.6





#31

Carbon tetrachloride

Concen: 67.376 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

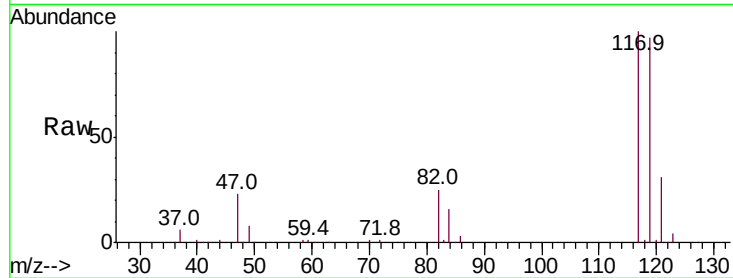
DB8A8

Tot Ion:117 Resp: 139538

Ion Ratio Lower Upper

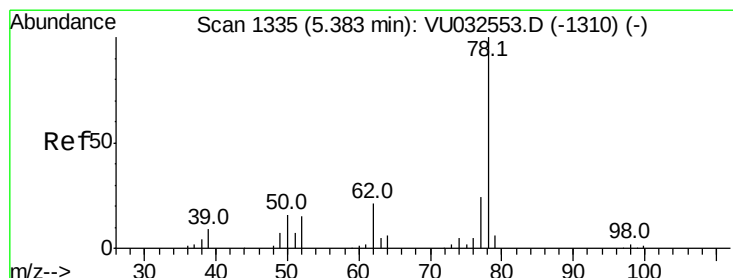
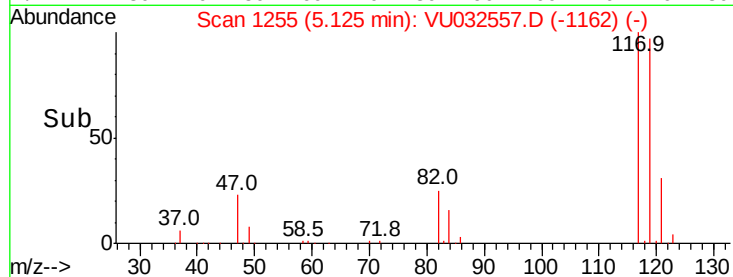
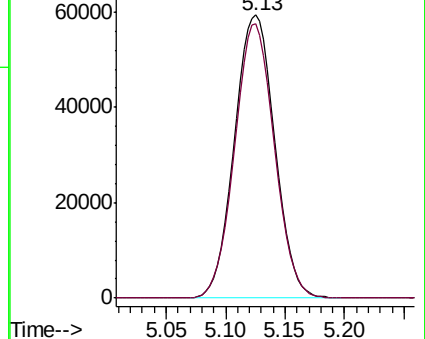
117 100

119 95.4 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 48.906 ug/L

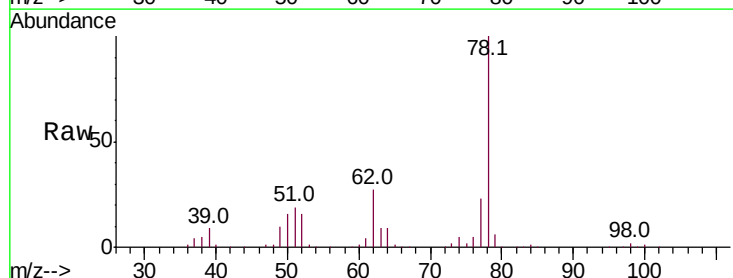
RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

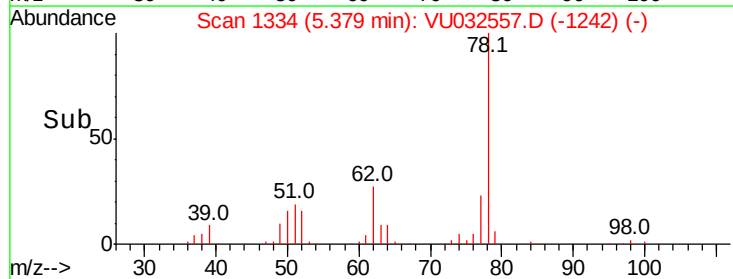
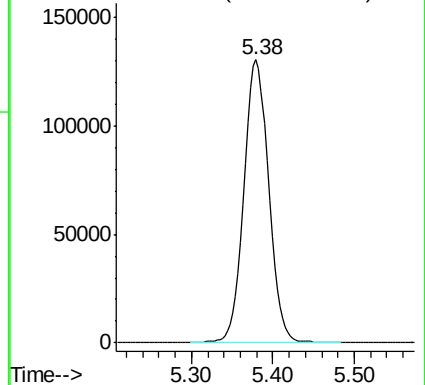
Lab File: VU032557.D

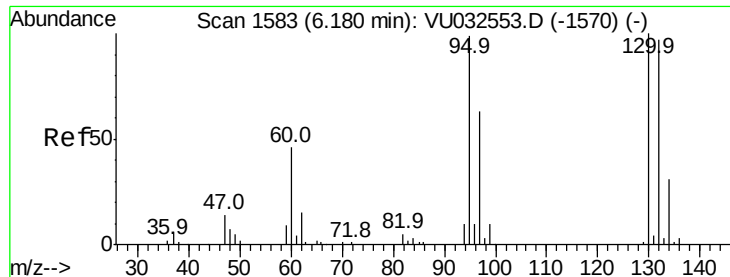
Acq: 10 Jun 2019 11:38

Tgt Ion: 78 Resp: 274283



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 86.408 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

DB8A8

Tot Ion: 95 Resp: 131844

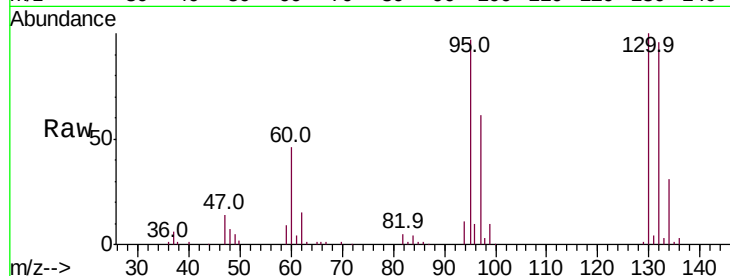
Ion Ratio Lower Upper

95 100

97 62.9 45.8 85.2

132 99.4 71.0 131.8

130 103.6 73.4 136.2

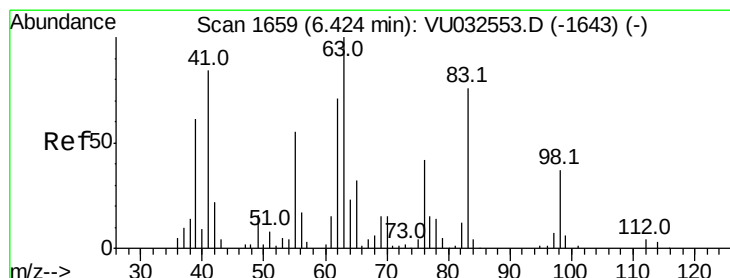
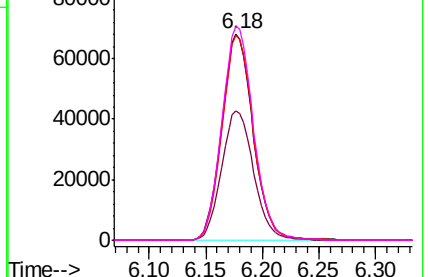
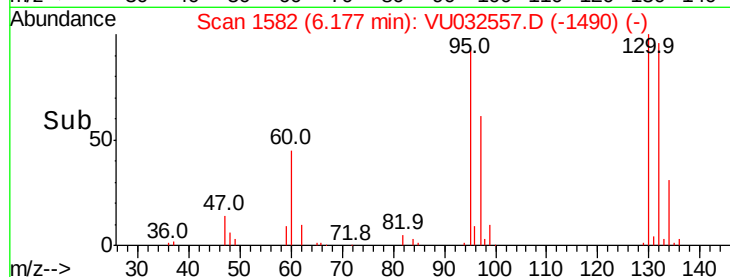


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 42.271 ug/L

RT: 6.42 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VU032557.D

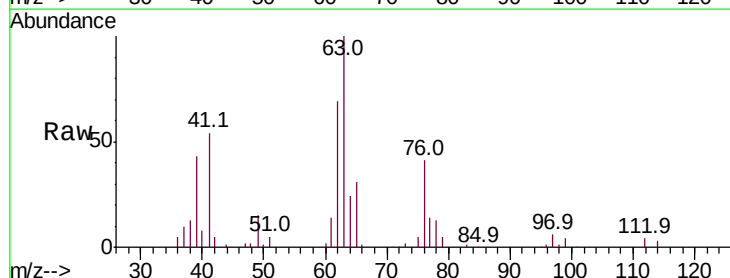
Acq: 10 Jun 2019 11:38

Tgt Ion: 63 Resp: 62844

Ion Ratio Lower Upper

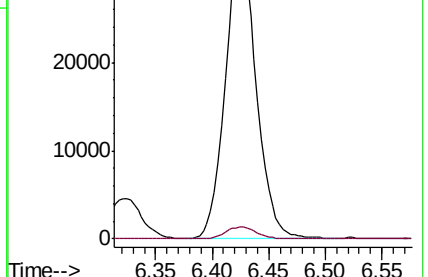
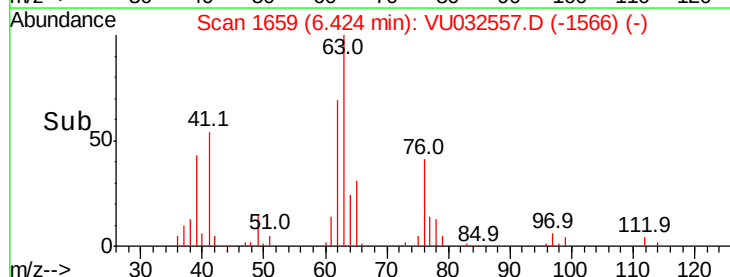
63 100

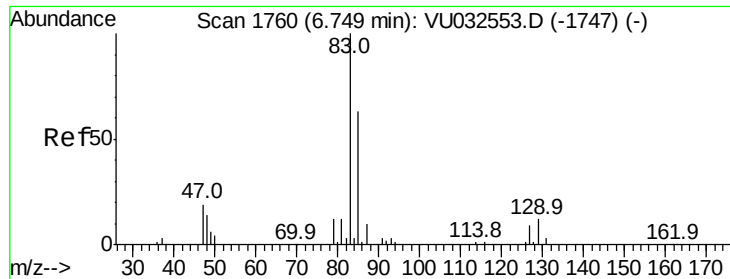
112 4.1 3.1 4.7



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

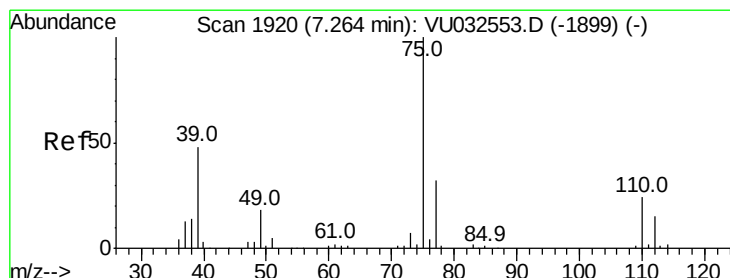
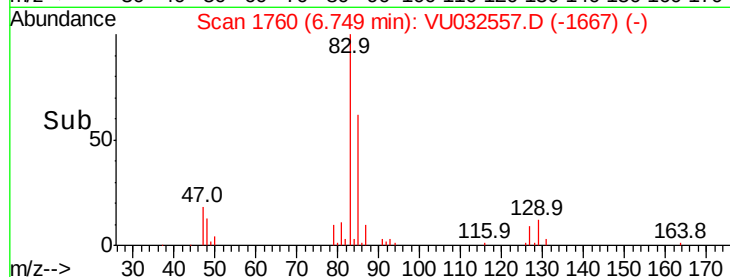
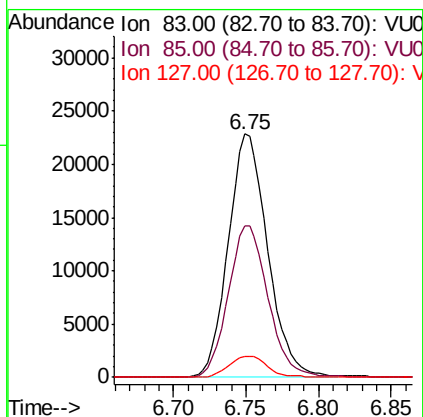
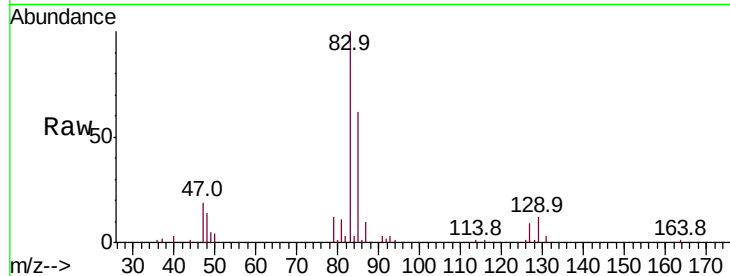




#38
 Bromodichloromethane
 Concen: 22.540 ug/L
 RT: 6.75 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

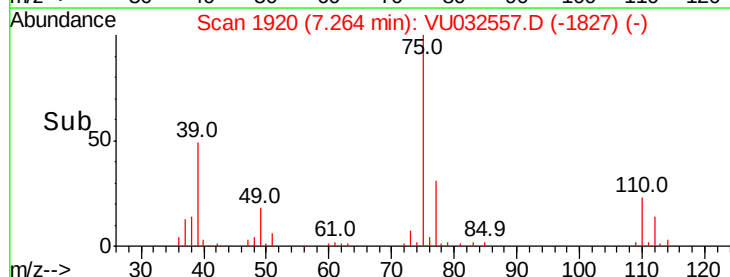
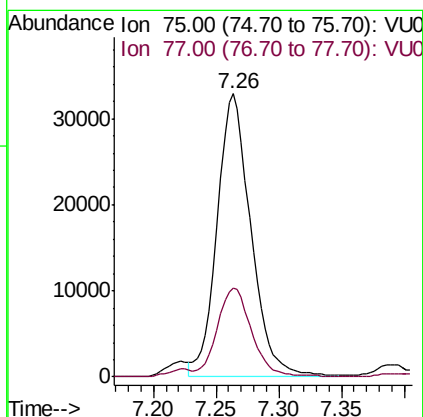
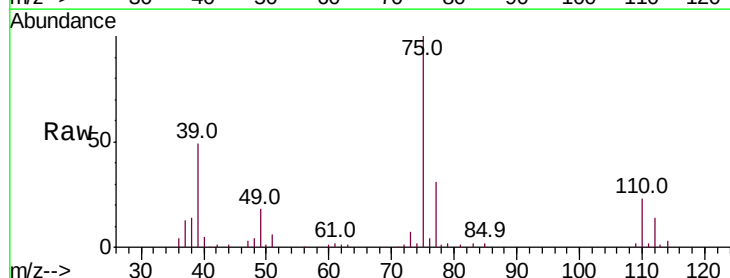
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

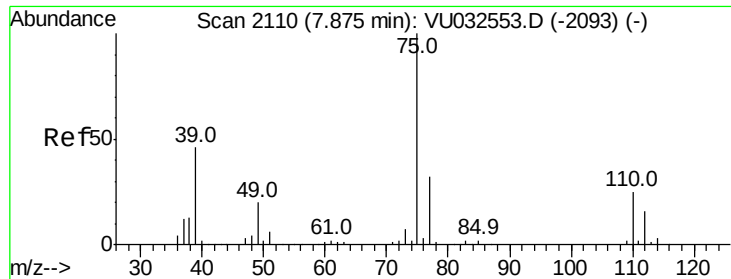
Tot Ion: 83 Resp: 43149
 Ion Ratio Lower Upper
 83 100
 85 62.2 45.4 84.4
 127 8.8 7.4 11.2



#39
 cis-1,3-Dichloropropene
 Concen: 26.184 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 75 Resp: 61420
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.0 41.0





#44

trans-1,3-Dichloropropene

Concen: 54.217 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

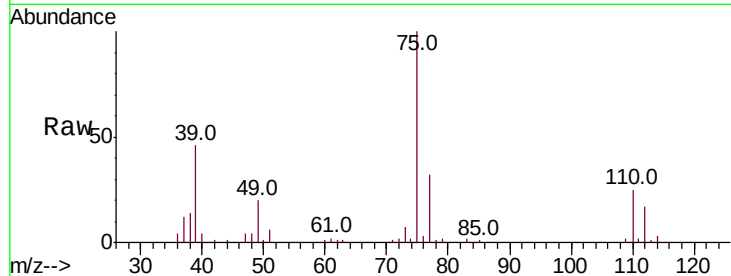
DB8A8

Tot Ion: 75 Resp: 112879

Ion Ratio Lower Upper

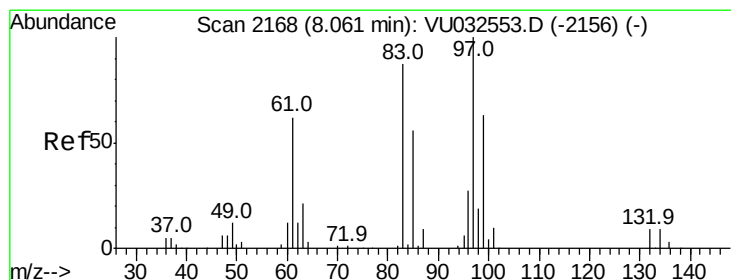
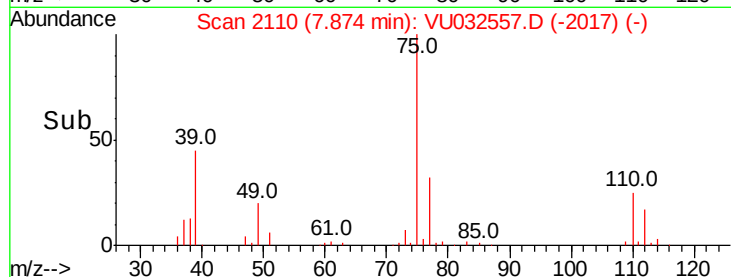
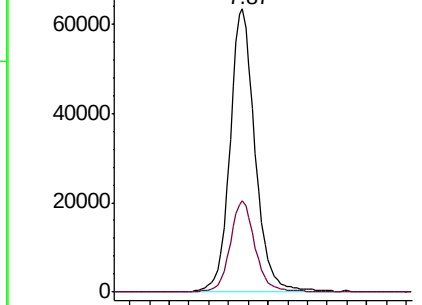
75 100

77 32.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032553.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU032553.D (-2093) (-)



#45

1,1,2-Trichloroethane

Concen: 27.078 ug/L

RT: 8.06 min Scan# 2168

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Tgt Ion: 97 Resp: 38068

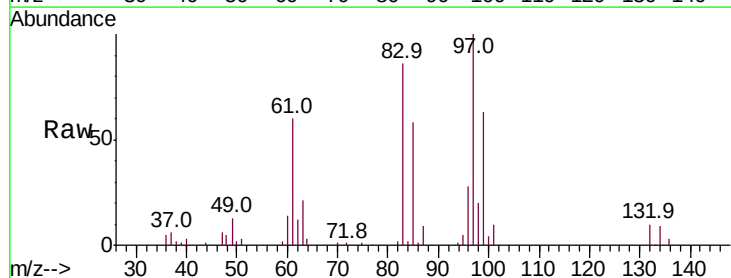
Ion Ratio Lower Upper

97 100

99 63.2 44.1 81.9

83 86.4 59.4 110.2

85 57.8 39.1 72.7

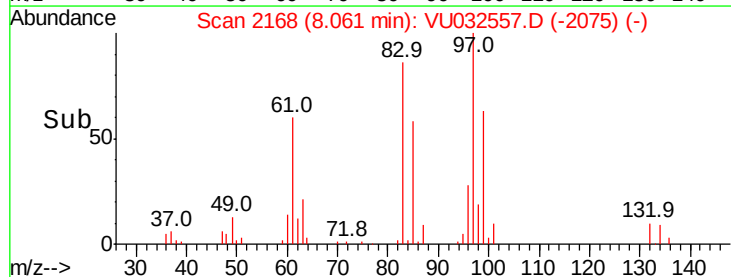
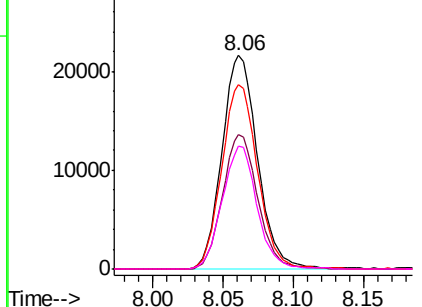


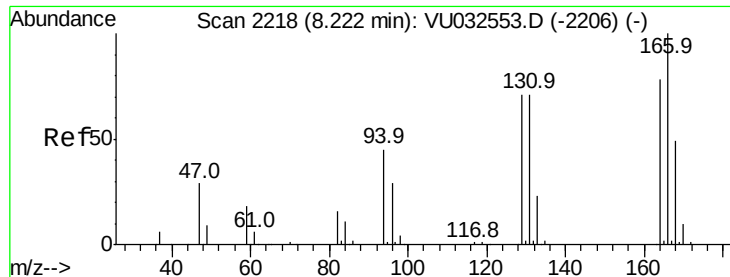
Abundance Ion 97.00 (96.70 to 97.70): VU032553.D (-2156) (-)

Ion 99.00 (98.70 to 99.70): VU032553.D (-2156) (-)

Ion 83.00 (82.70 to 83.70): VU032553.D (-2156) (-)

Ion 85.00 (84.70 to 85.70): VU032553.D (-2156) (-)





#46

Tetrachloroethene

Concen: 77.235 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

DB8A8

Tot Ion:164 Resp: 97332

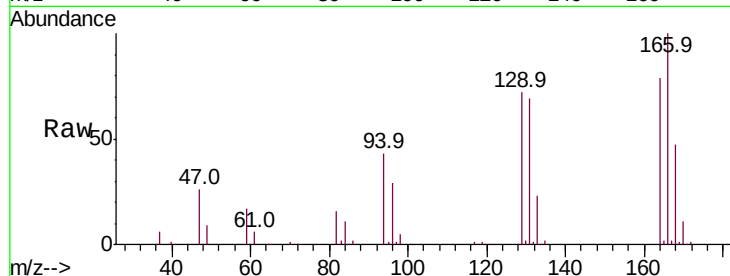
Ion Ratio Lower Upper

164 100

129 90.6 65.3 121.3

131 87.8 64.0 119.0

166 126.5 88.8 165.0

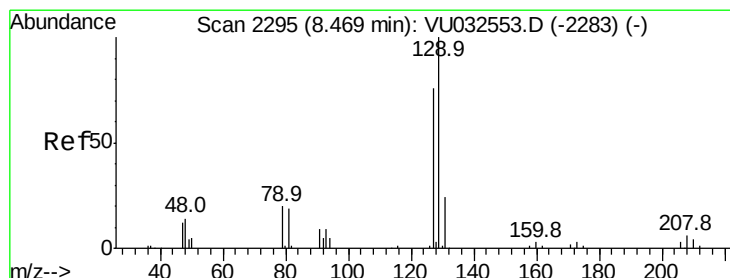
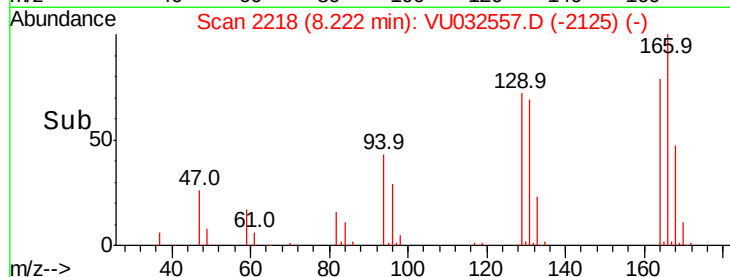
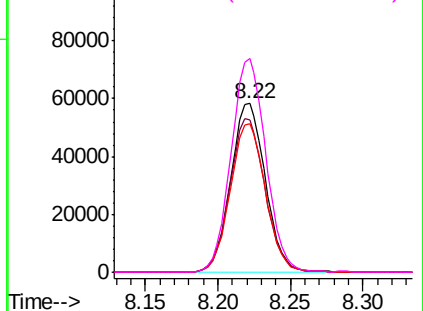


Abundance Ion 164.00 (163.70 to 164.70): V

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: 43.460 ug/L

RT: 8.47 min Scan# 2295

Delta R.T. -0.00 min

Lab File: VU032557.D

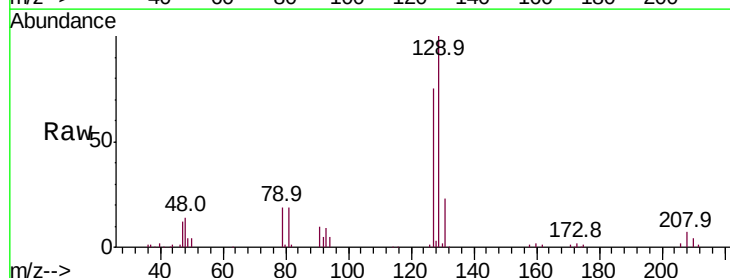
Acq: 10 Jun 2019 11:38

Tgt Ion:129 Resp: 71018

Ion Ratio Lower Upper

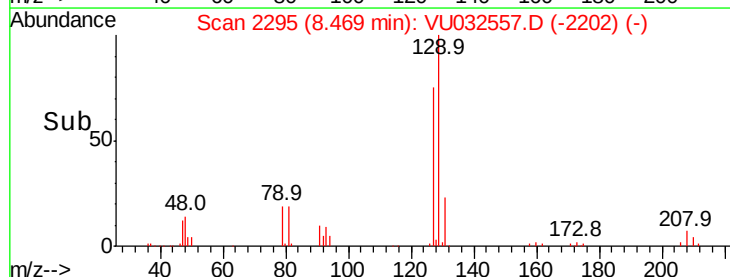
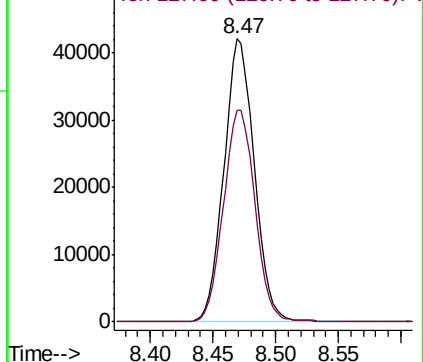
129 100

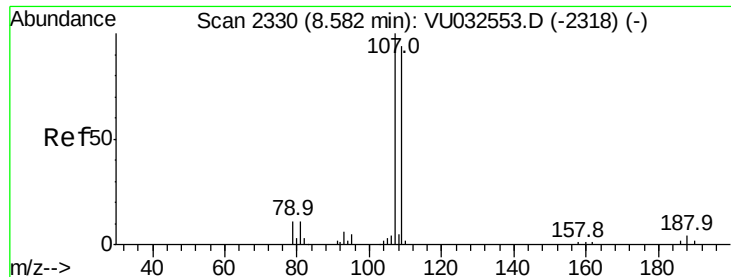
127 74.8 53.6 99.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

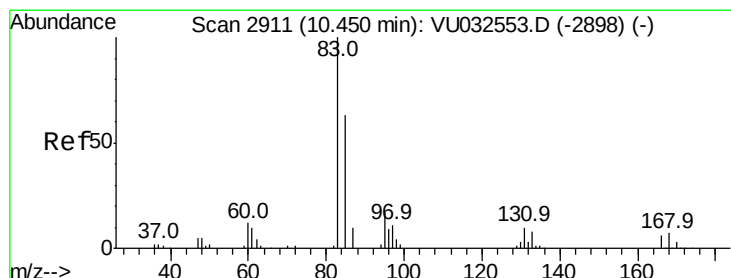
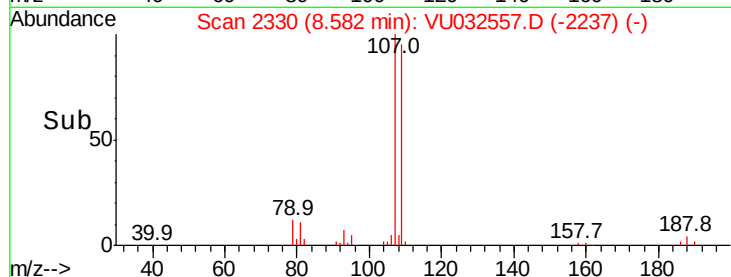
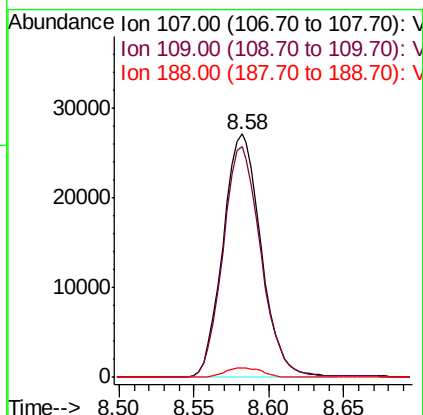
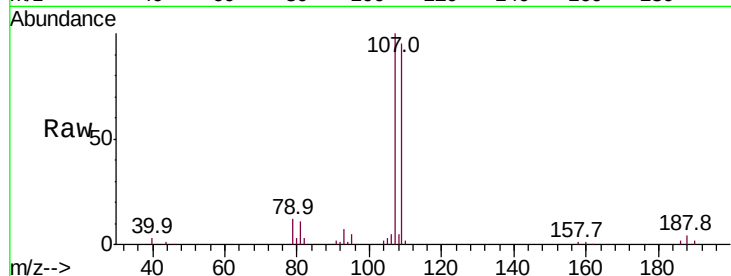




#50
 1,2-Dibromoethane
 Concen: 30.409 ug/L
 RT: 8.58 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

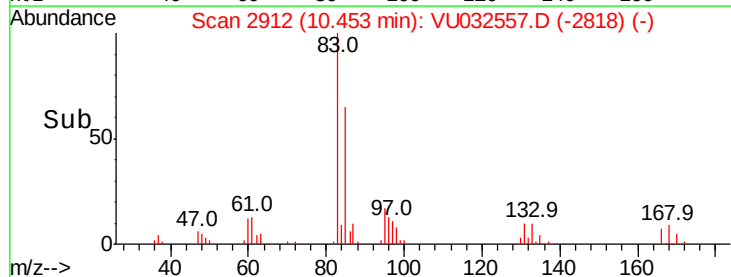
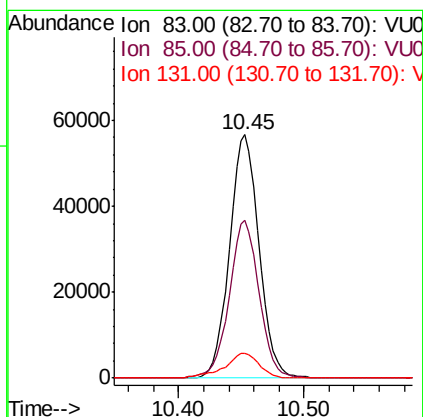
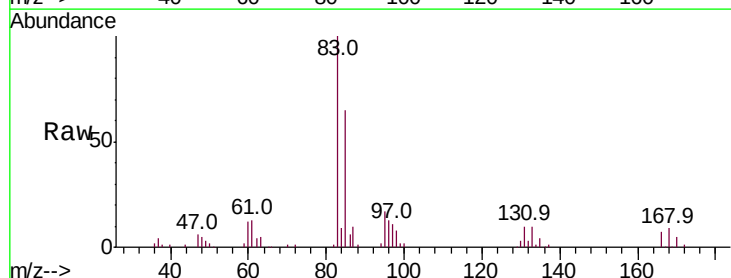
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8A8

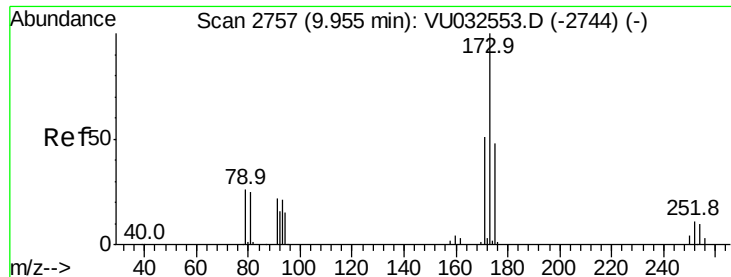
Tot Ion:107 Resp: 48120
 Ion Ratio Lower Upper
 107 100
 109 94.9 66.8 124.0
 188 3.8 3.1 4.7



#58
 1,1,2,2-Tetrachloroethane
 Concen: 38.547 ug/L
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU032557.D
 Acq: 10 Jun 2019 11:38

Tgt Ion: 83 Resp: 92621
 Ion Ratio Lower Upper
 83 100
 85 64.9 45.1 83.7
 131 10.2 7.9 11.9





#61

Bromoform

Concen: 57.093 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

Instrument :

MSVOA_U

ClientSampled :

DB8A8

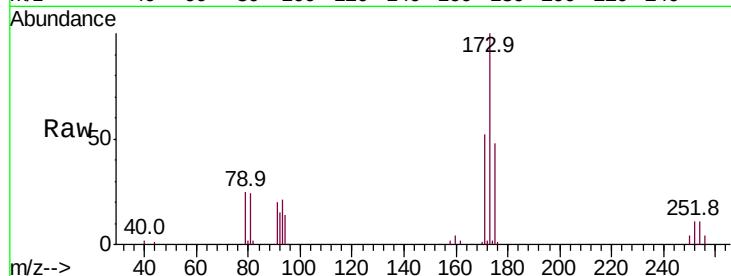
Tot Ion:173 Resp: 71605

Ion Ratio Lower Upper

173 100

175 48.3 39.7 59.5

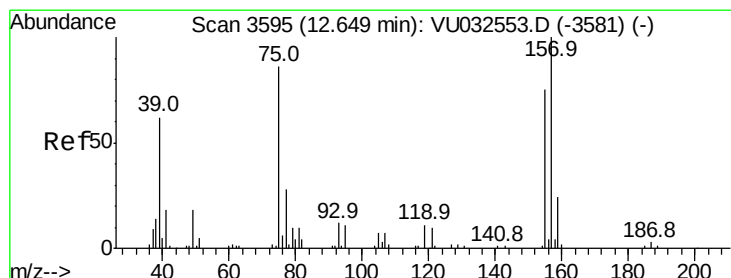
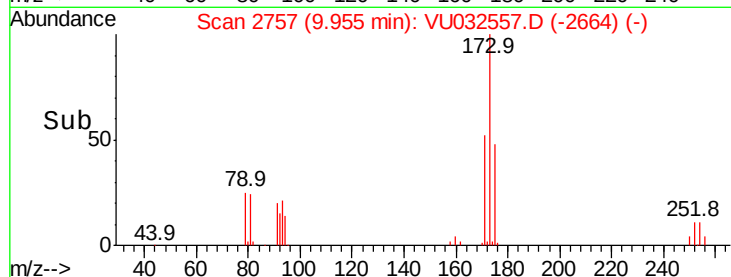
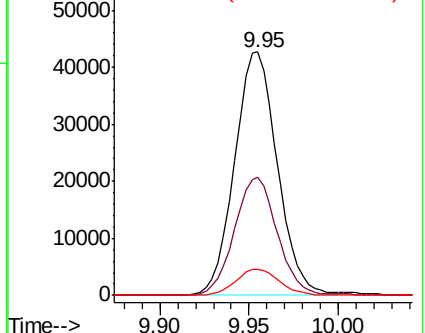
254 10.9 7.8 11.8



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: 44.496 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU032557.D

Acq: 10 Jun 2019 11:38

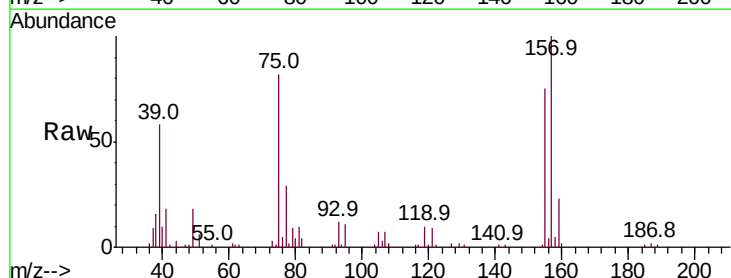
Tgt Ion: 75 Resp: 24088

Ion Ratio Lower Upper

75 100

155 92.0 73.1 109.7

157 122.0 91.4 137.2



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

