

Data File : VU033056.D
Acq On : 27 Jun 2019 10:53
Operator : JC/SP
Sample : VSTD01004
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01004

Quant Time: Jun 28 01:36:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 28 01:32:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93635	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62687	10.06	ug/L	0.00
7) Chloroethane-d5	1.67	69	52600	10.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	137327	10.15	ug/L	0.00
20) 2-Butanone-d5	4.18	46	194999	103.06	ug/L	0.00
24) Chloroform-d	4.64	84	131142	10.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	73639	9.96	ug/L	0.00
32) Benzene-d6	5.33	84	242301	10.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	78071	10.20	ug/L	0.00
41) Toluene-d8	7.56	98	240233	10.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	34715	10.84	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	151544	113.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	67208	10.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	99236	10.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	95710	9.929 ug/L	98
3) Chloromethane	1.33	50	87275	9.613 ug/L	99
5) Vinyl chloride	1.40	62	89027	9.721 ug/L	98
6) Bromomethane	1.62	94	47780	9.952 ug/L	96
8) Chloroethane	1.69	64	52149	9.828 ug/L	100
9) Trichlorofluoromethane	1.88	101	131149	10.104 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	66856	9.953 ug/L	99
12) 1,1-Dichloroethene	2.28	96	60796	9.755 ug/L	98
13) Acetone	2.32	43	146537	91.902 ug/L	98
14) Carbon disulfide	2.47	76	203166	9.797 ug/L	99
15) Methyl Acetate	2.61	43	34711	9.410 ug/L	100
16) Methylene chloride	2.69	84	67646	9.465 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	171063	9.783 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	66491	9.746 ug/L	96
19) 1,1-Dichloroethane	3.43	63	132308	9.868 ug/L	98
21) 2-Butanone	4.27	43	217431	96.872 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	74703	10.080 ug/L	96
23) Bromochloromethane	4.54	128	33387	10.153 ug/L	98
25) Chloroform	4.67	83	137915	10.121 ug/L	97
27) 1,2-Dichloroethane	5.40	62	93324	10.001 ug/L	96
29) 1,1,1-Trichloroethane	4.90	97	119546	9.902 ug/L	100
30) Cyclohexane	4.98	56	114398	10.227 ug/L	99
31) Carbon tetrachloride	5.12	117	109449	9.964 ug/L	99
33) Benzene	5.38	78	280651	10.018 ug/L	100
34) Trichloroethene	6.18	95	76551	9.978 ug/L	100
35) Methylcyclohexane	6.40	83	120761	10.572 ug/L	97
37) 1,2-Dichloropropane	6.43	63	75409	10.037 ug/L	99
38) Bromodichloromethane	6.75	83	98773	9.971 ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	114457	10.448 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	534036	103.129 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	310234	10.367	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	92666	10.380	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	52171	9.902	ug/L	99
47) Tetrachloroethene	8.22	164	63719	10.324	ug/L	98
48) 2-Hexanone	8.36	43	389971	105.239	ug/L	99
49) Dibromochloromethane	8.47	129	68528	10.252	ug/L	99
50) 1,2-Dibromoethane	8.58	107	51765	10.078	ug/L	98
51) Chlorobenzene	9.11	112	196214	9.925	ug/L	98
52) Ethylbenzene	9.24	91	344260	10.449	ug/L	99
53) m,p-Xylene	9.37	106	128944	10.783	ug/L	98
54) o-Xylene	9.77	106	126494	10.853	ug/L	97
55) Styrene	9.78	104	217153	11.007	ug/L	98
56) Isopropylbenzene	10.16	105	340466	10.761	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	68757	10.060	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	49245	9.794	ug/L	100
61) Bromoform	9.95	173	39510	9.937	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	163363	10.001	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	169396	9.940	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	159716	10.081	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	11617	10.663	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	133699	10.269	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	108281	11.638	ug/L	99
69) Naphthalene	13.74	128	169446	13.661	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	103319	11.325	ug/L	97

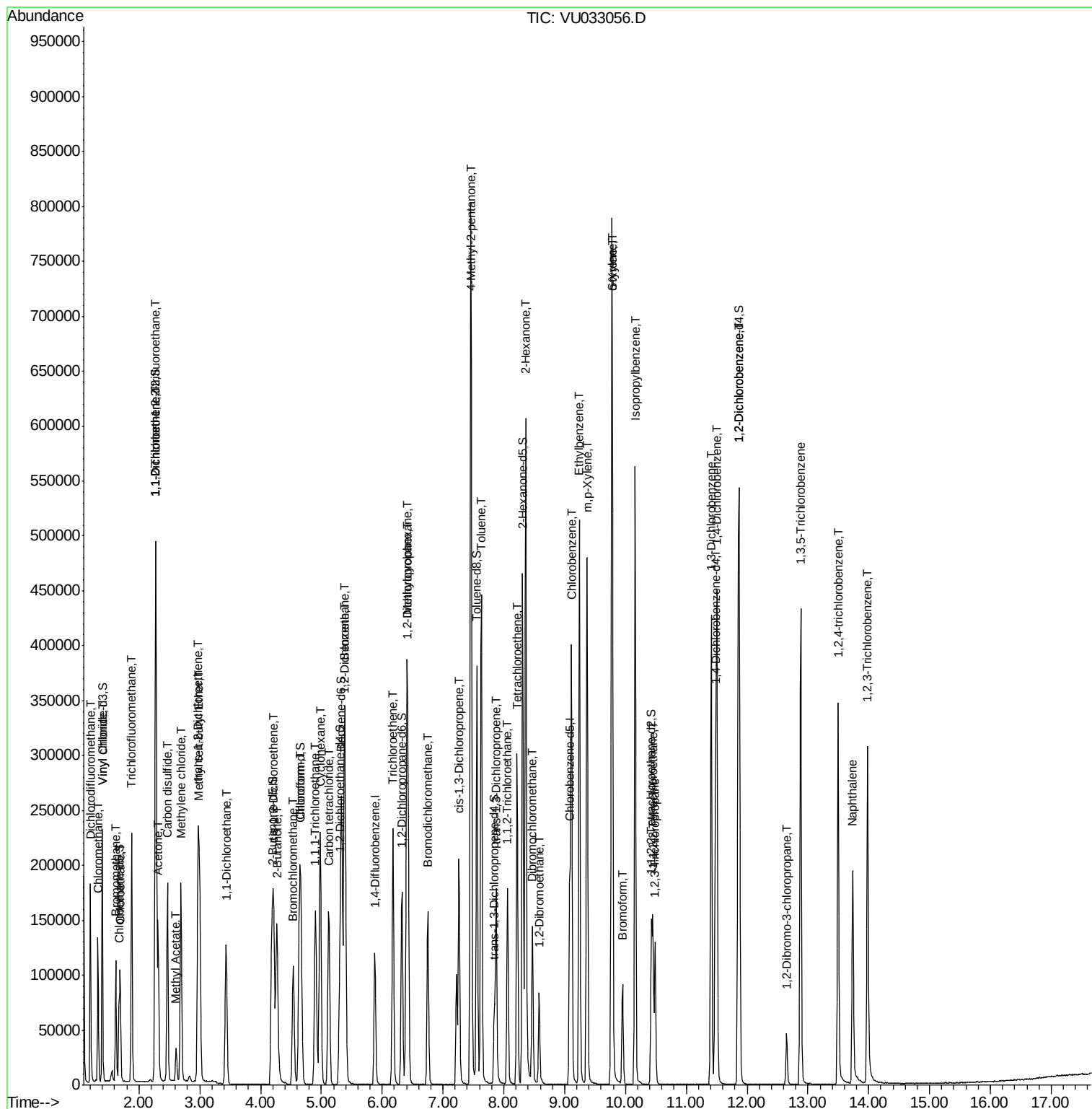
(#) = qualifier out of range (m) = manual integration (+) = signals summed

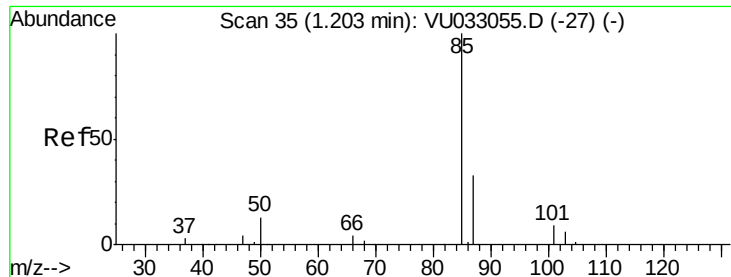
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#2

Dichlorodifluoromethane

Concen: 9.929 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

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Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

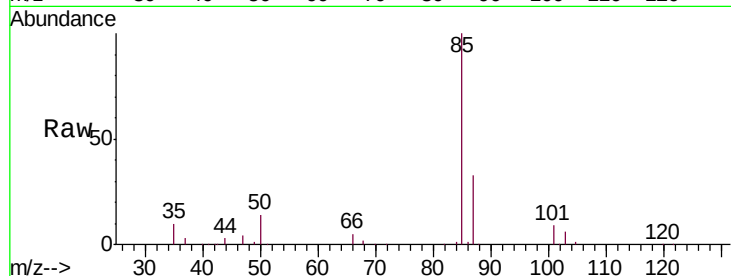
VSTD01004

Tgt Ion: 85 Resp: 95710

Ion Ratio Lower Upper

85 100

87 32.8 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU033055.D (-27) (-)

Ion 87.00 (86.70 to 87.70): VU033055.D (-27) (-)

1.20

100000

80000

60000

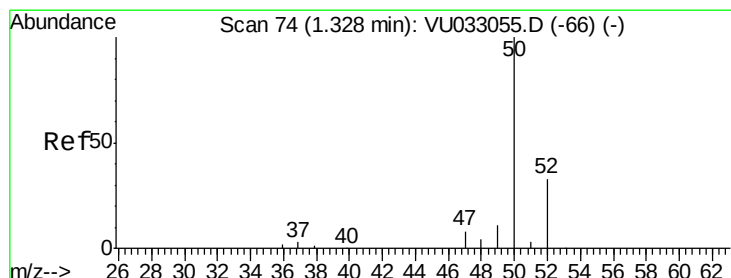
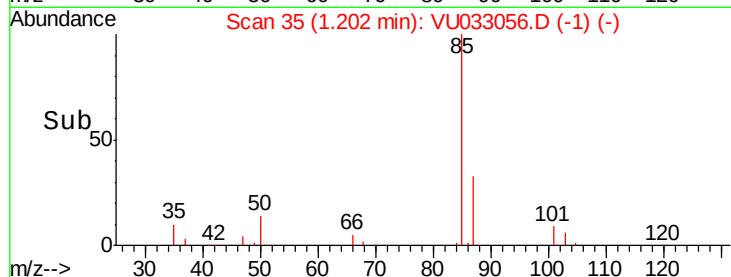
40000

20000

0

1.15 1.20 1.25

Time-->



#3

Chloromethane

Concen: 9.613 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU033056.D

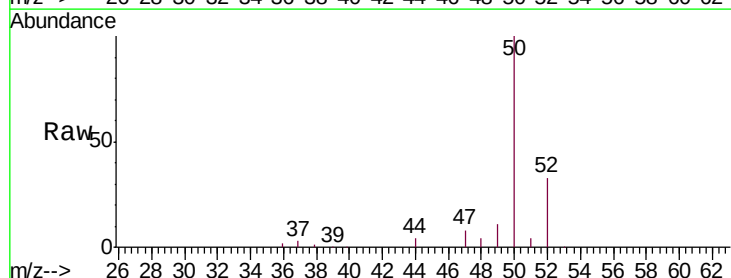
Acq: 27 Jun 2019 10:53

Tgt Ion: 50 Resp: 87275

Ion Ratio Lower Upper

50 100

52 33.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU033055.D (-66) (-)

Ion 52.05 (51.75 to 52.75): VU033055.D (-66) (-)

1.33

80000

60000

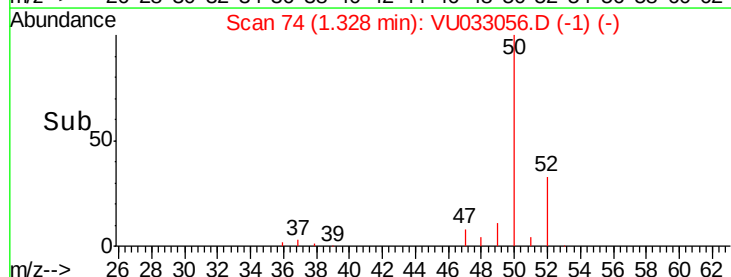
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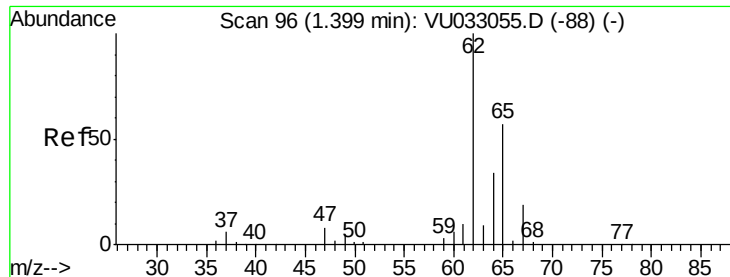
20000

0

1.30 1.35 1.40

Time-->





#5

Vinyl chloride

Concen: 9.721 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

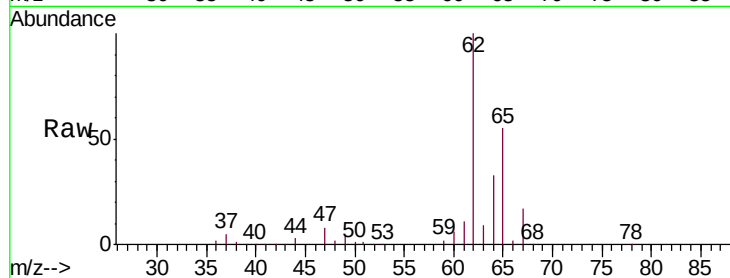
VSTD01004

Tgt Ion: 62 Resp: 89027

Ion Ratio Lower Upper

62 100

64 32.7 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

80000

60000

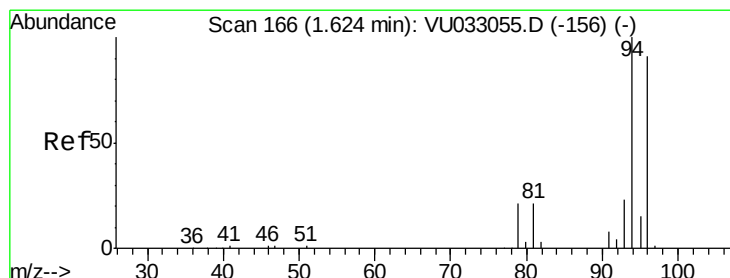
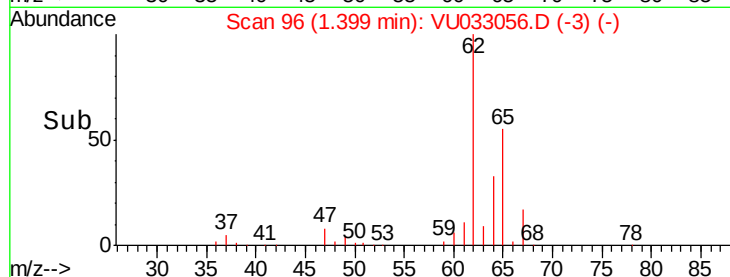
40000

20000

0

Time-->

1.35 1.40 1.45



#6

Bromomethane

Concen: 9.952 ug/L

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033056.D

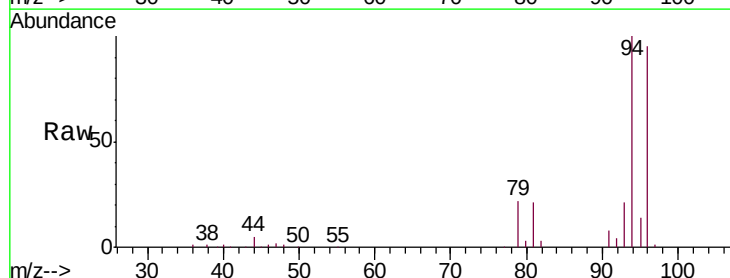
Acq: 27 Jun 2019 10:53

Tgt Ion: 94 Resp: 47780

Ion Ratio Lower Upper

94 100

96 94.9 64.0 119.0



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.62

40000

30000

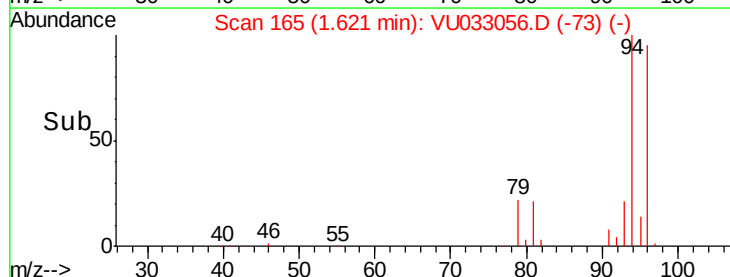
20000

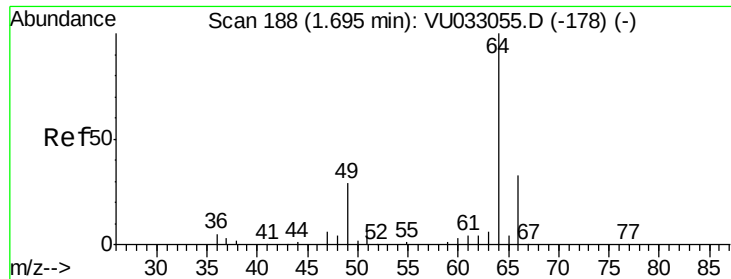
10000

0

Time-->

1.55 1.60 1.65 1.70





#8

Chloroethane

Concen: 9.828 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

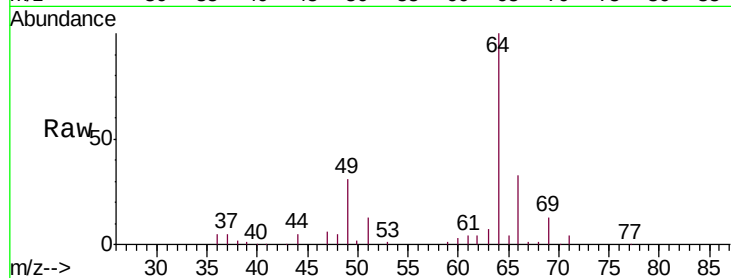
VSTD01004

Tgt Ion: 64 Resp: 52149

Ion Ratio Lower Upper

64 100

66 32.5 22.9 42.5



Abundance Ion 64.10 (63.80 to 64.80): VU033055.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU033055.D (-178) (-)

1.69

40000

30000

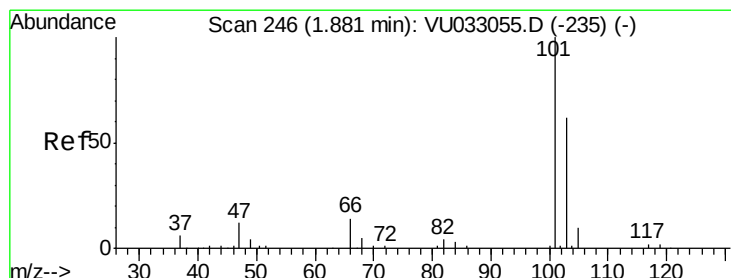
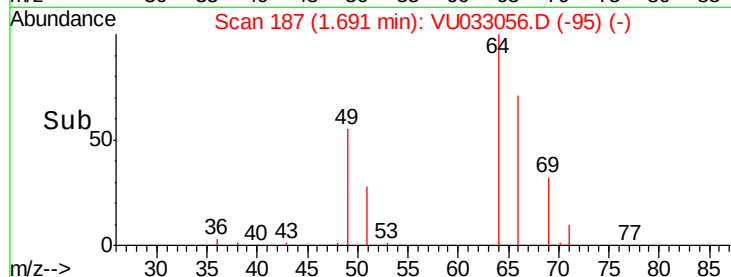
20000

10000

0

1.65 1.70 1.75

Time-->



#9

Trichlorofluoromethane

Concen: 10.104 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU033056.D

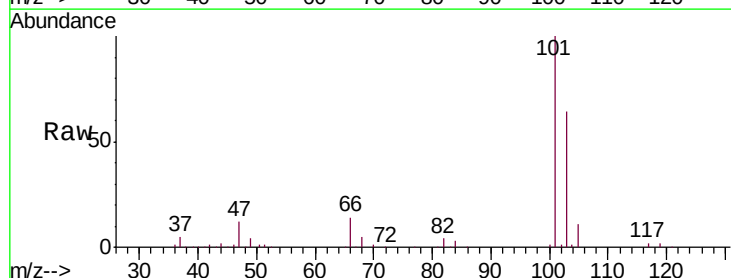
Acq: 27 Jun 2019 10:53

Tgt Ion: 101 Resp: 131149

Ion Ratio Lower Upper

101 100

103 63.6 50.1 75.1



Abundance Ion 101.00 (100.70 to 101.70): VU033055.D (-235) (-)

Ion 103.00 (102.70 to 103.70): VU033055.D (-235) (-)

1.88

100000

80000

60000

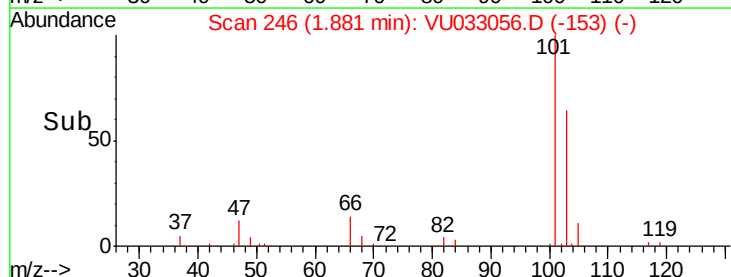
40000

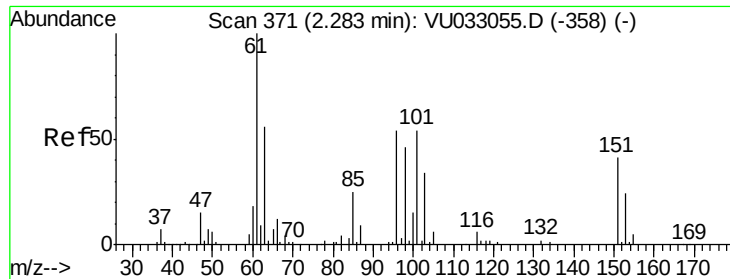
20000

0

1.80 1.85 1.90 1.95

Time-->





#10

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

Concen: 9.953 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD01004

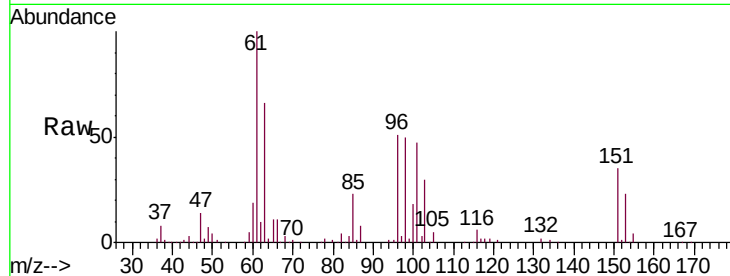
Tgt Ion: 101 Resp: 66856

Ion Ratio Lower Upper

101 100

85 47.2 37.1 55.7

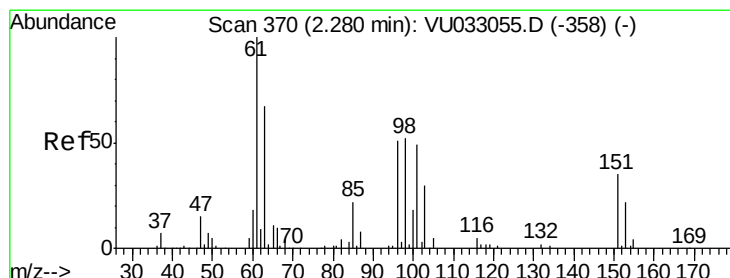
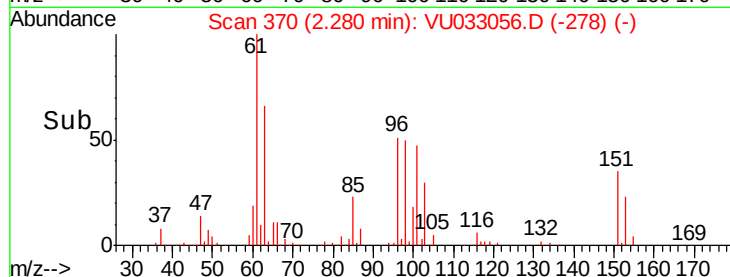
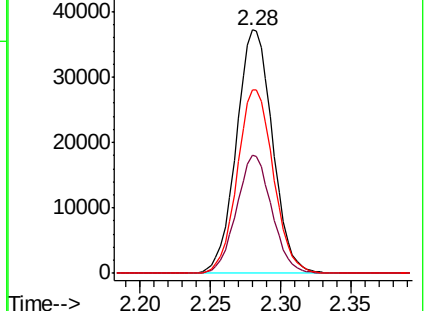
151 75.3 61.0 91.4



Abundance Ion 101.00 (100.70 to 101.70): VU033055.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU033055.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU033055.D (-358) (-)



#12

1,1-Dichloroethene

Concen: 9.755 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

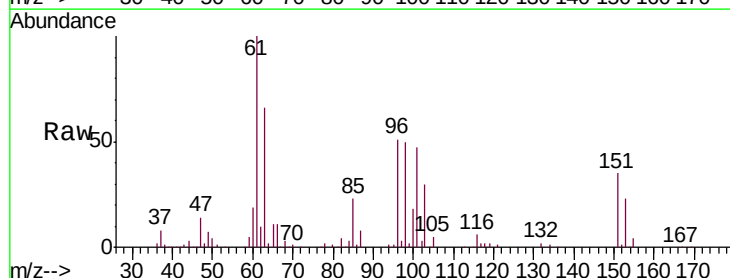
Tgt Ion: 96 Resp: 60796

Ion Ratio Lower Upper

96 100

61 197.7 137.6 255.6

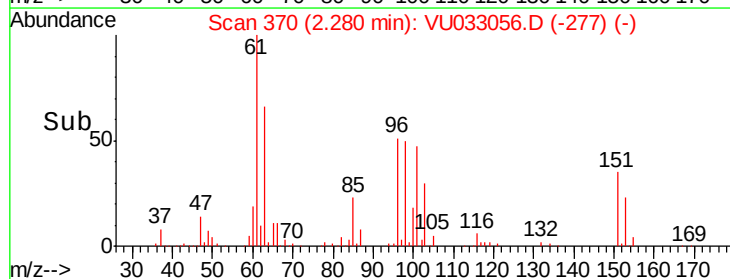
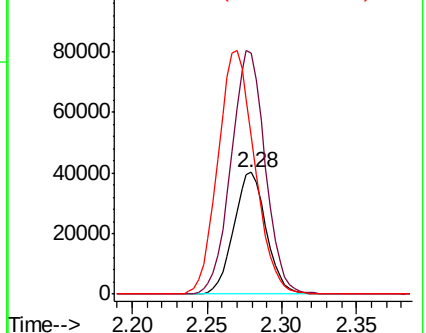
63 129.5 94.4 175.2

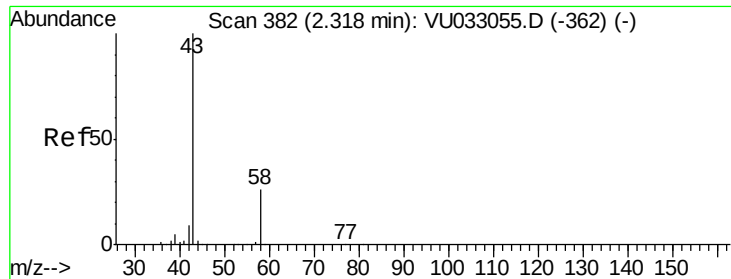


Abundance Ion 96.00 (95.70 to 96.70): VU033055.D (-358) (-)

Ion 61.05 (60.75 to 61.75): VU033055.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU033055.D (-358) (-)





#13

Acetone

Concen: 91.902 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

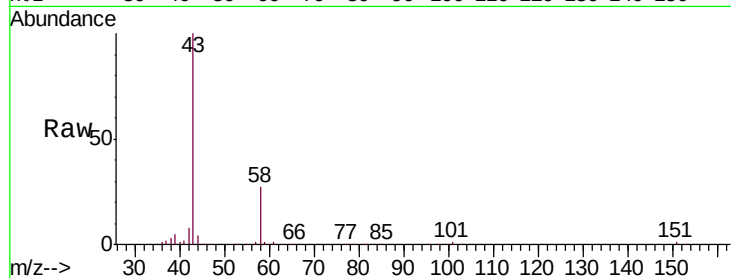
VSTD01004

Tgt Ion: 43 Resp: 146537

Ion Ratio Lower Upper

43 100

58 27.1 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033055.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU033055.D (-362) (-)

2.32

100000

80000

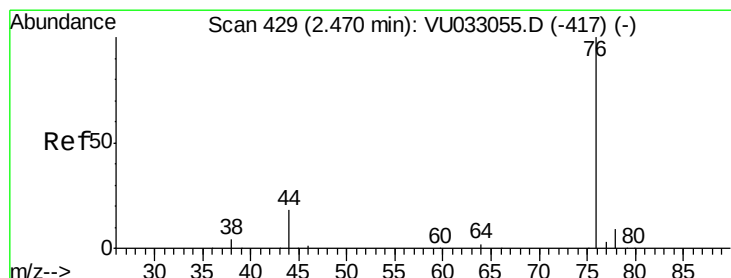
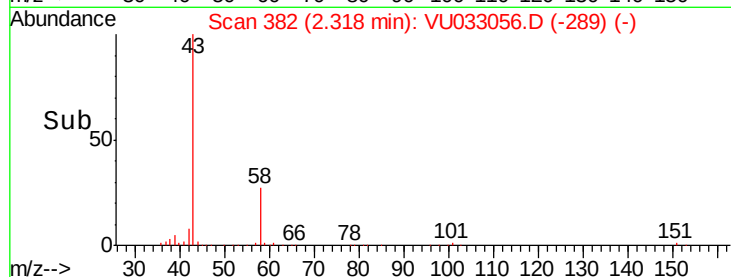
60000

40000

20000

0

Time-->



#14

Carbon disulfide

Concen: 9.797 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU033056.D

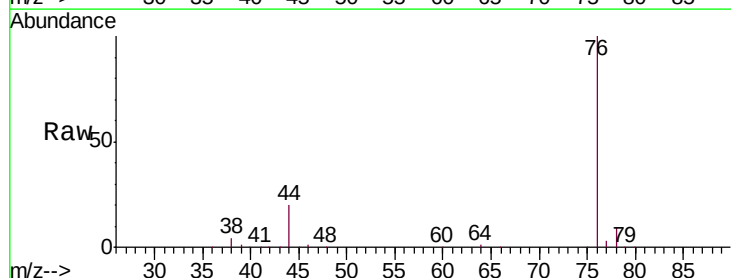
Acq: 27 Jun 2019 10:53

Tgt Ion: 76 Resp: 203166

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VU033055.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU033055.D (-417) (-)

2.47

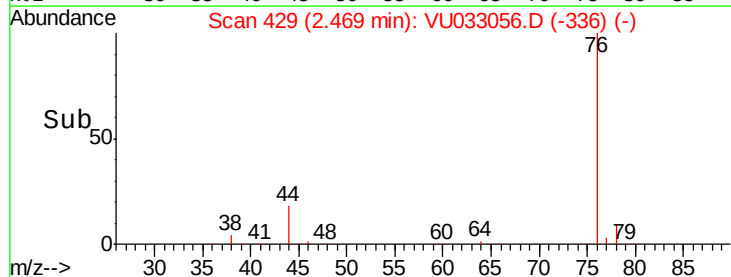
150000

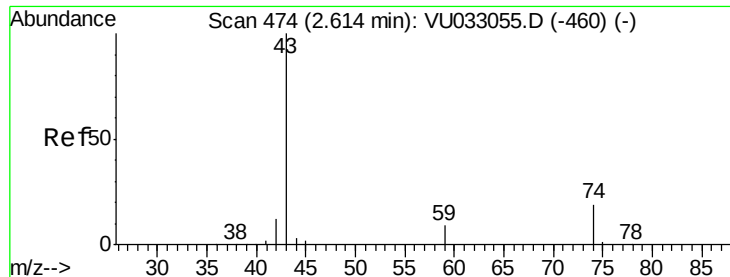
100000

50000

0

Time-->





#15

Methyl Acetate

Concen: 9.410 ug/L

RT: 2.61 min Scan# 473

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

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ClientSampleId :

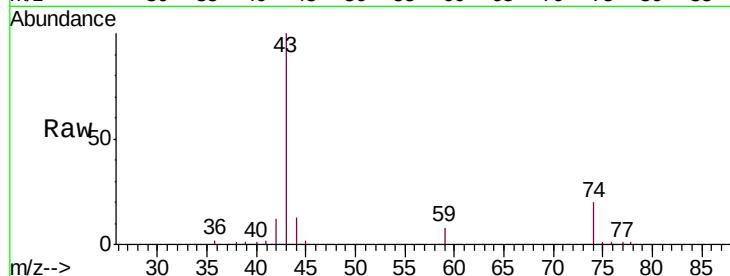
VSTD01004

Tgt Ion: 43 Resp: 34711

Ion Ratio Lower Upper

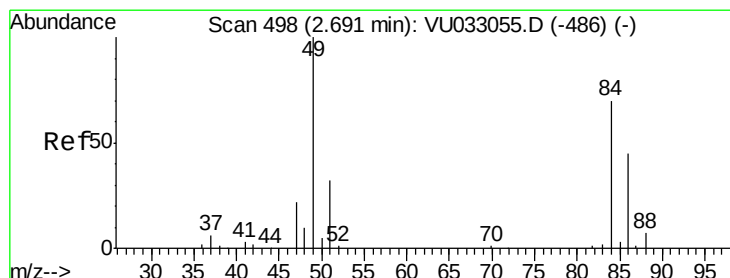
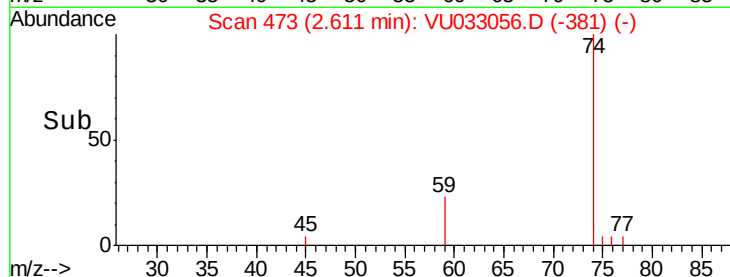
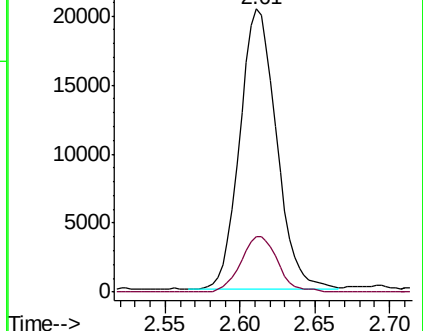
43 100

74 20.0 16.1 24.1



Abundance Ion 43.05 (42.75 to 43.75): VU033055.D (-460) (-)

Ion 74.05 (73.75 to 74.75): VU033055.D (-460) (-)



#16

Methylene chloride

Concen: 9.465 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

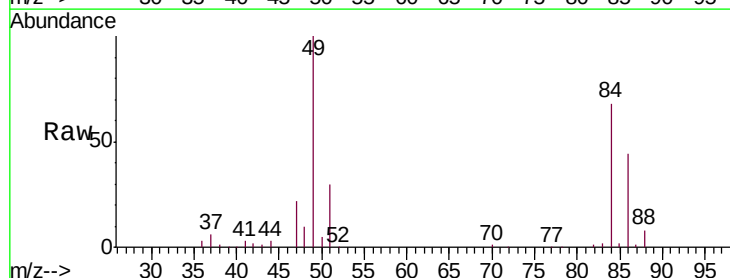
Tgt Ion: 84 Resp: 67646

Ion Ratio Lower Upper

84 100

86 64.8 44.7 82.9

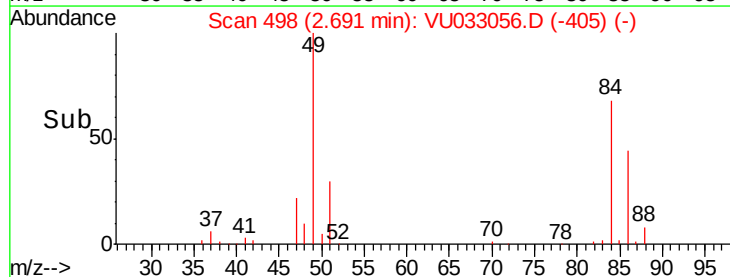
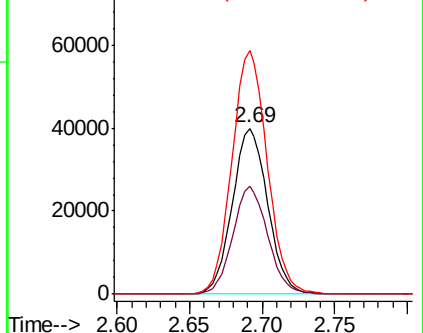
49 147.0 99.7 185.1

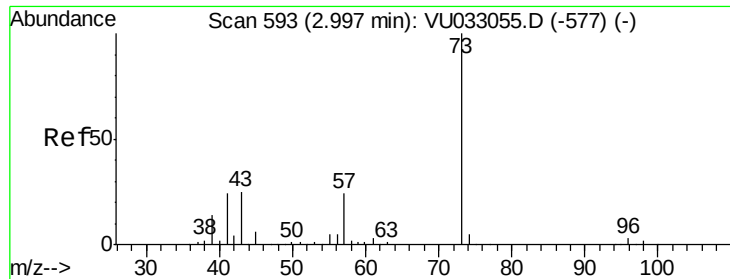


Abundance Ion 84.05 (83.75 to 84.75): VU033055.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU033055.D (-486) (-)

Ion 49.10 (48.80 to 49.80): VU033055.D (-486) (-)





#17

Methyl tert-butyl Ether

Concen: 9.783 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD01004

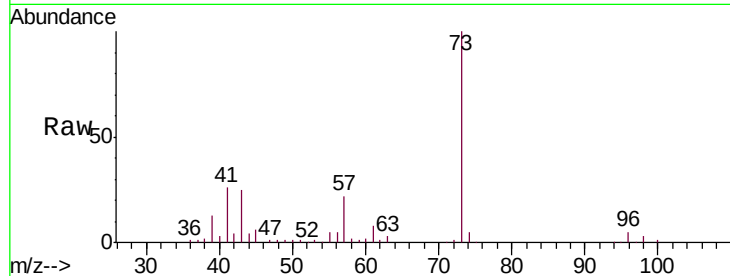
Tgt Ion: 73 Resp: 171063

Ion Ratio Lower Upper

73 100

43 25.4 20.2 30.2

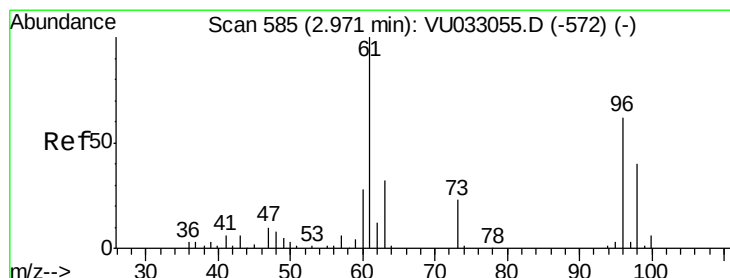
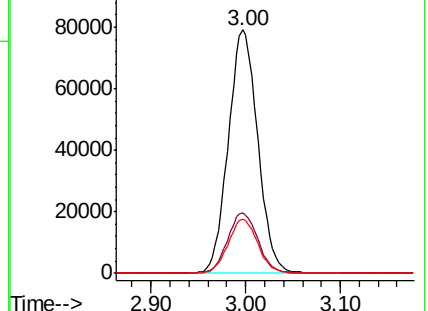
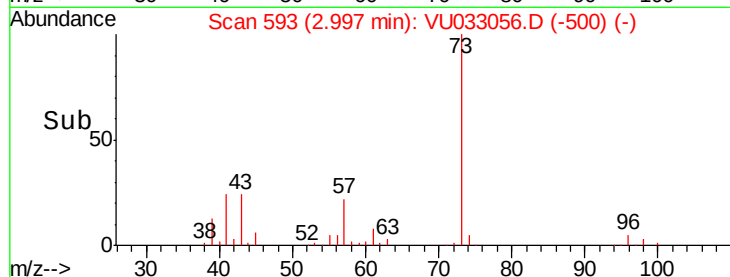
57 22.3 18.5 27.7



Abundance Ion 73.10 (72.80 to 73.80): VU033055.D (-577) (-)

Ion 43.05 (42.75 to 43.75): VU033055.D (-577) (-)

Ion 57.10 (56.80 to 57.80): VU033055.D (-577) (-)



#18

trans-1,2-Dichloroethene

Concen: 9.746 ug/L

RT: 2.97 min Scan# 585

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

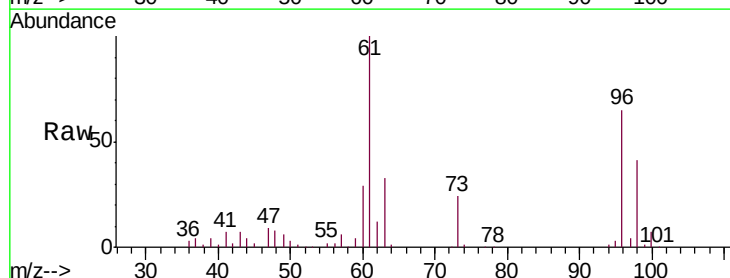
Tgt Ion: 96 Resp: 66491

Ion Ratio Lower Upper

96 100

61 154.5 112.2 208.4

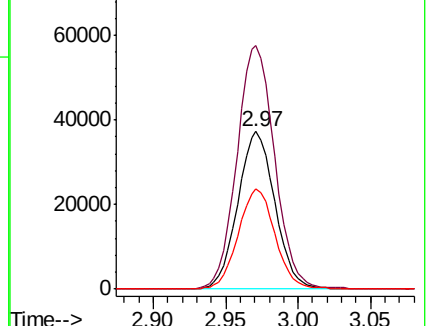
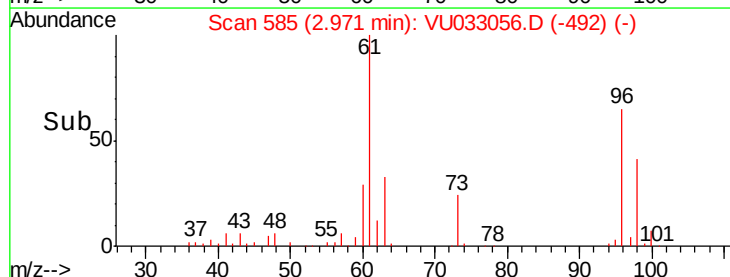
98 63.5 45.4 84.4

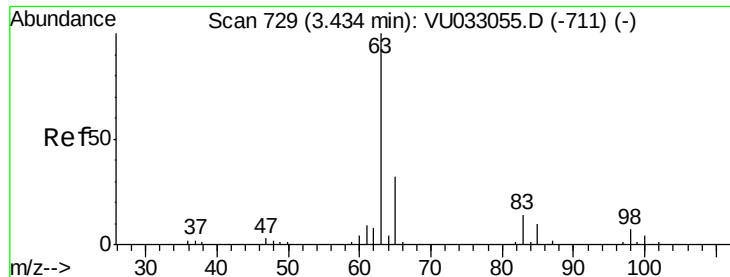


Abundance Ion 96.00 (95.70 to 96.70): VU033055.D (-572) (-)

Ion 61.05 (60.75 to 61.75): VU033055.D (-572) (-)

Ion 97.95 (97.65 to 98.65): VU033055.D (-572) (-)

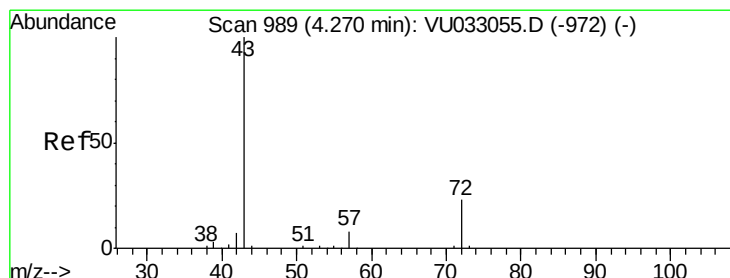
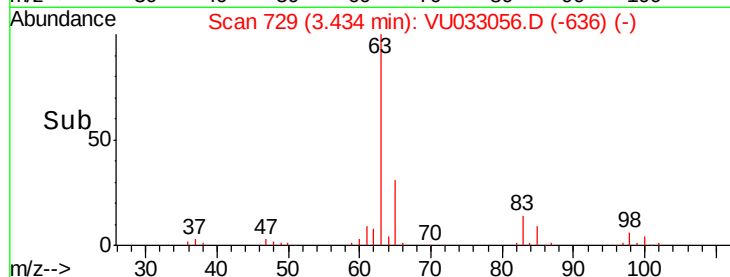
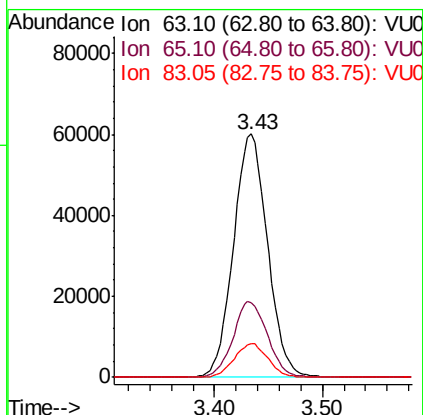
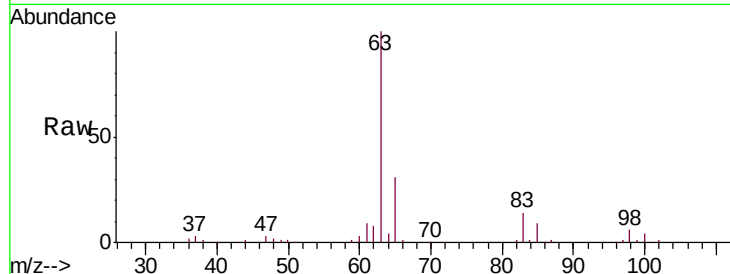




#19
 1,1-Dichloroethane
 Concen: 9.868 ug/L
 RT: 3.43 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

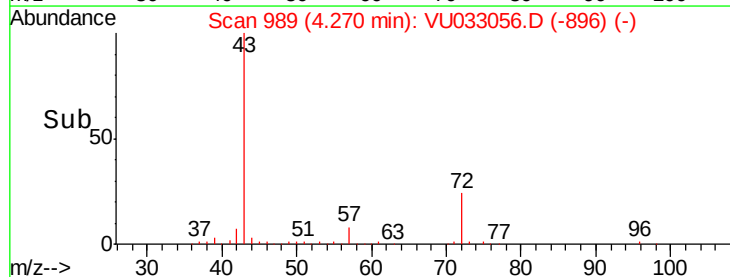
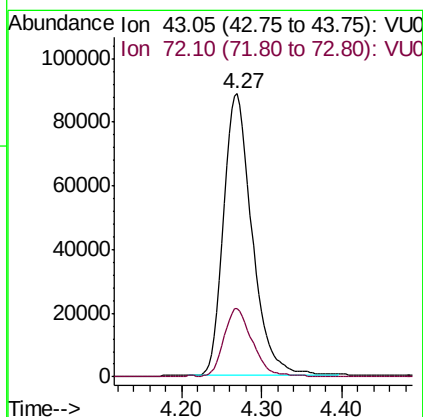
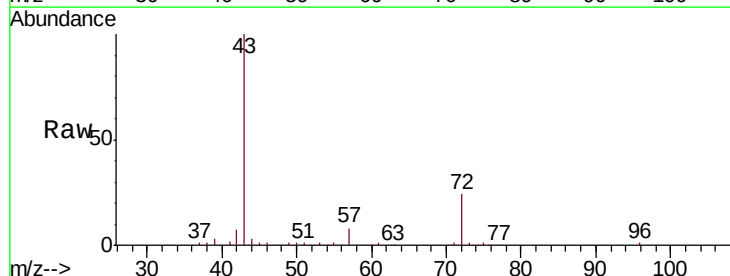
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

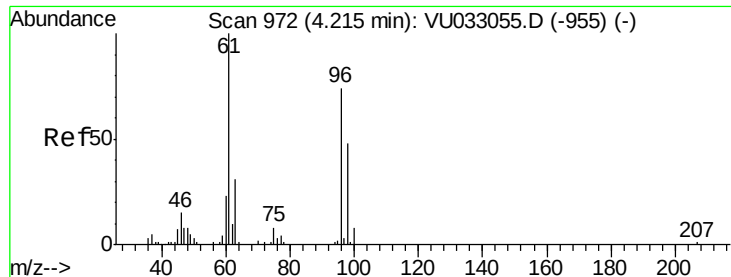
Tgt Ion: 63 Resp: 132308
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.7 42.1
 83 14.0 9.6 17.8



#21
 2-Butanone
 Concen: 96.872 ug/L
 RT: 4.27 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion: 43 Resp: 217431
 Ion Ratio Lower Upper
 43 100
 72 23.1 11.5 34.5



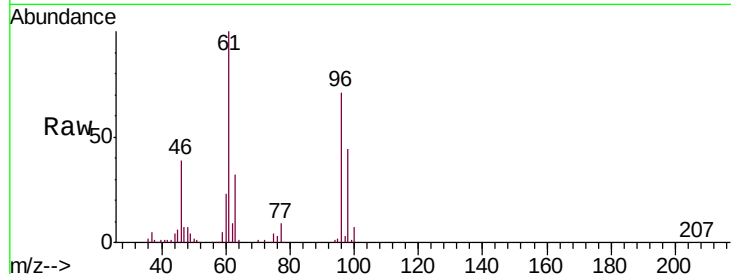


#22

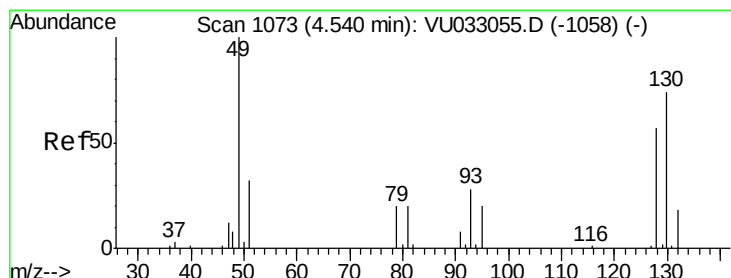
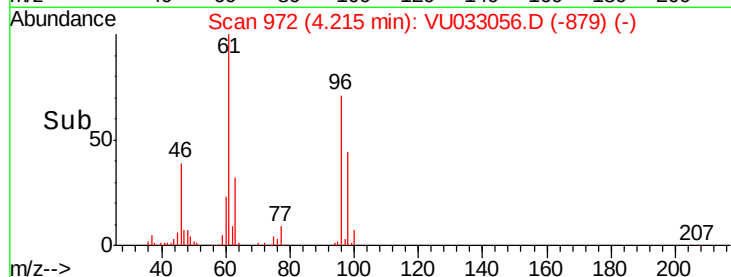
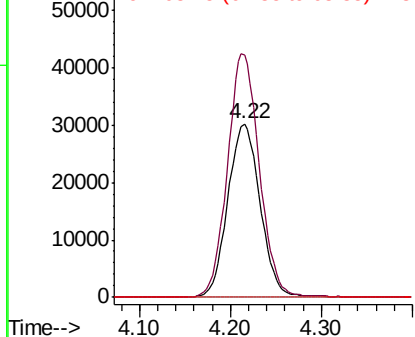
cis-1,2-Dichloroethene
 Concen: 10.080 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD01004

Tgt Ion: 96 Resp: 74703
 Ion Ratio Lower Upper
 96 100
 61 140.1 94.6 175.8
 68 0.0 0.0 0.0



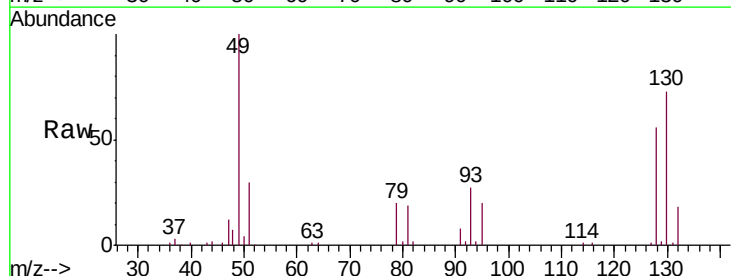
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



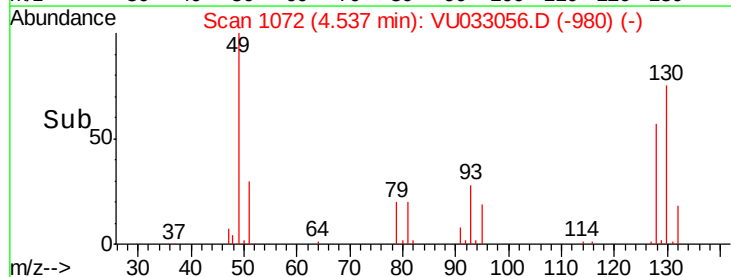
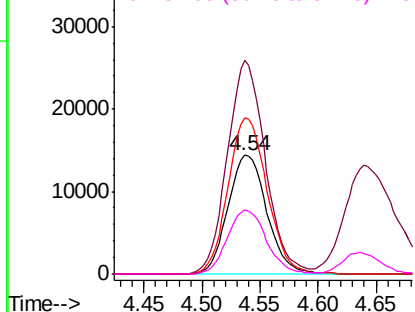
#23

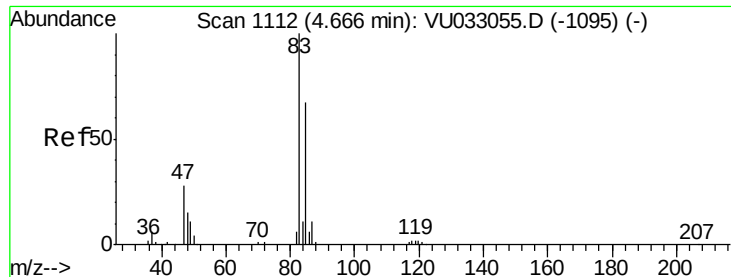
Bromochloromethane
 Concen: 10.153 ug/L
 RT: 4.54 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion: 128 Resp: 33387
 Ion Ratio Lower Upper
 128 100
 49 180.0 123.3 228.9
 130 131.3 90.9 168.7
 51 53.9 45.6 68.4



Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0

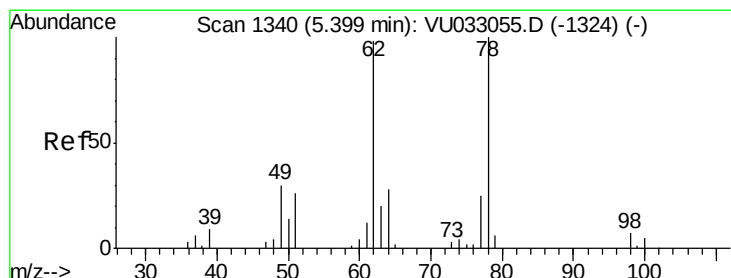
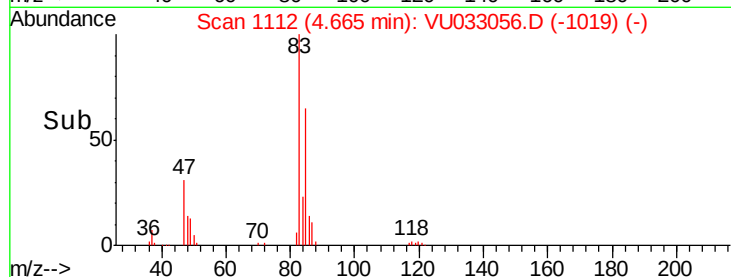
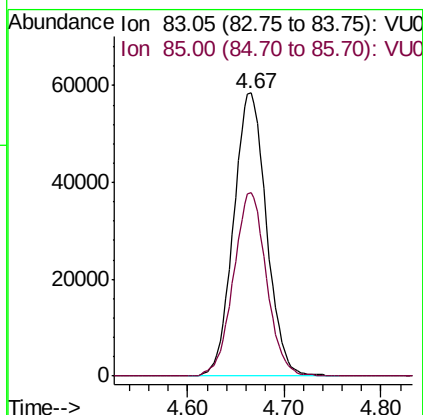
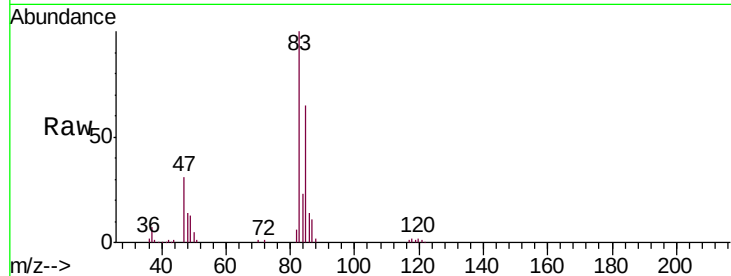




#25
Chloroform
Concen: 10.121 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

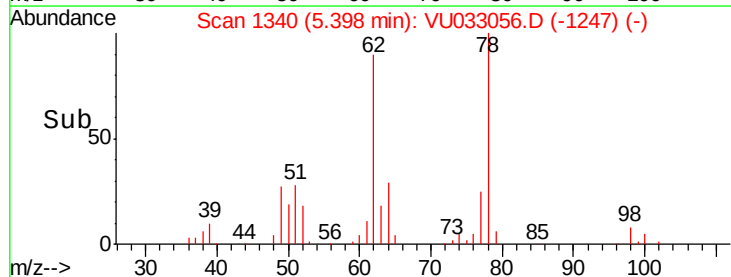
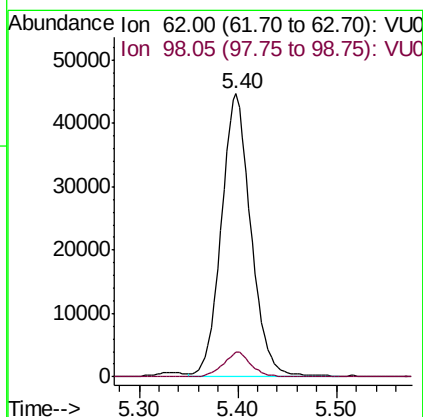
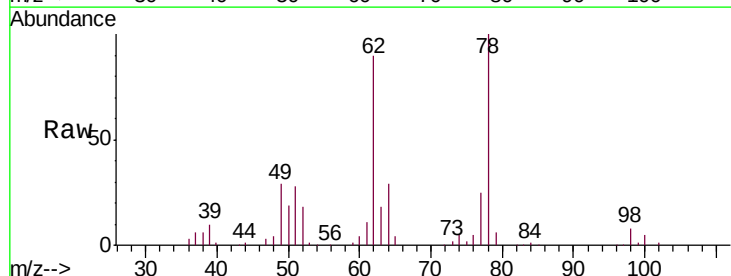
Instrument :
MSVOA_U
ClientSampleId :
VSTD01004

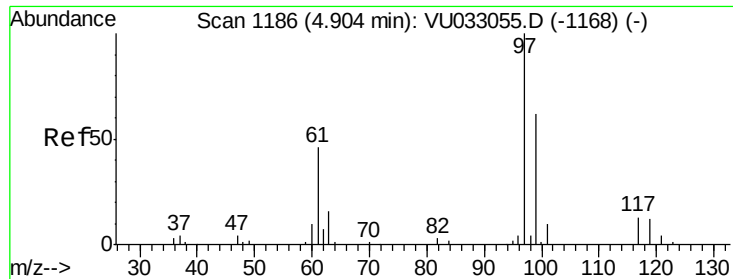
Tgt Ion: 83 Resp: 137915
Ion Ratio Lower Upper
83 100
85 65.0 47.3 87.8



#27
1,2-Dichloroethane
Concen: 10.001 ug/L
RT: 5.40 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

Tgt Ion: 62 Resp: 93324
Ion Ratio Lower Upper
62 100
98 8.7 5.8 8.6#

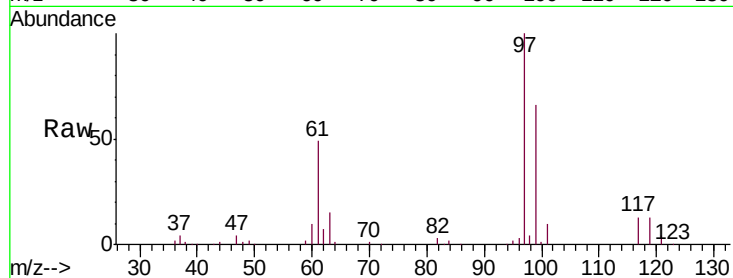




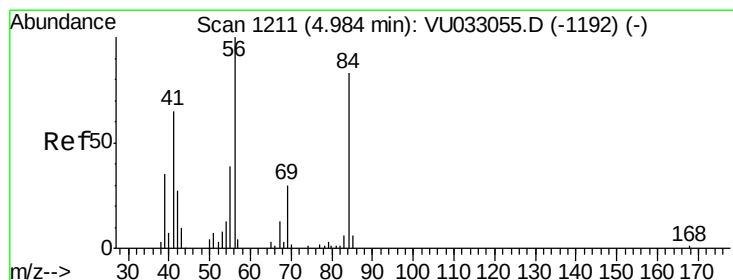
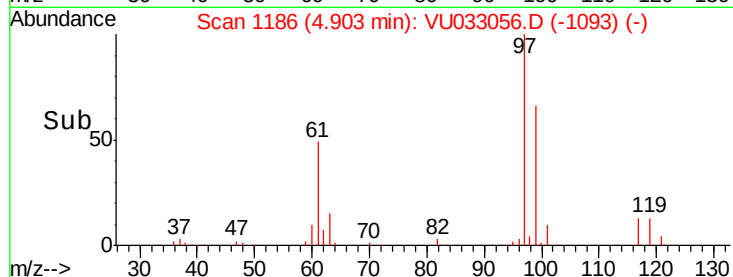
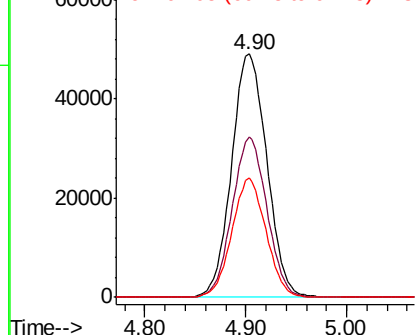
#29
 1,1,1-Trichloroethane
 Concen: 9.902 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Tgt Ion: 97 Resp: 119546
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.4 77.2
 61 47.3 38.1 57.1

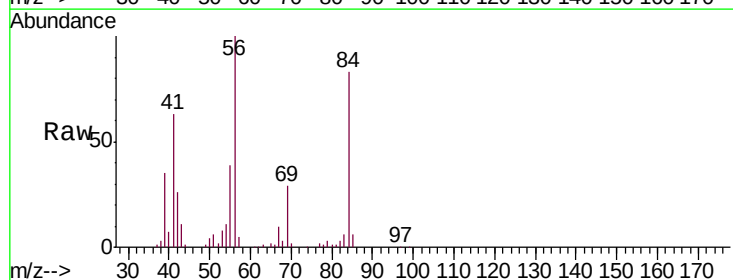


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

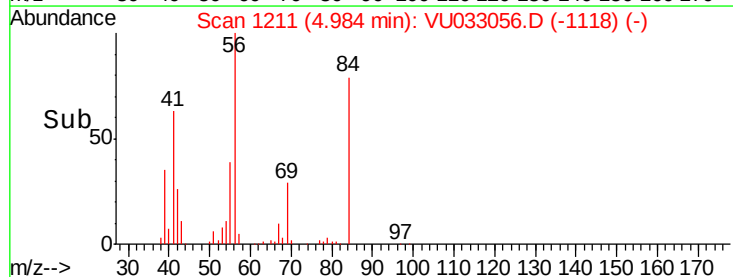
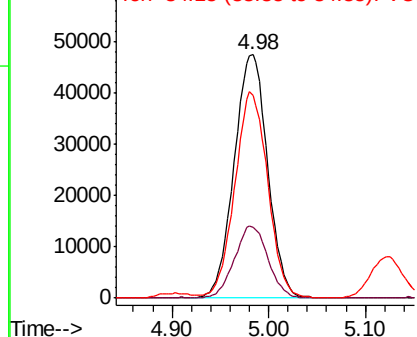


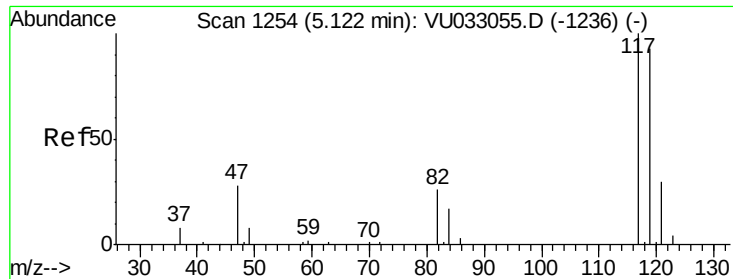
#30
 Cyclohexane
 Concen: 10.227 ug/L
 RT: 4.98 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion: 56 Resp: 114398
 Ion Ratio Lower Upper
 56 100
 69 29.5 23.7 35.5
 84 83.1 65.8 98.8



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0

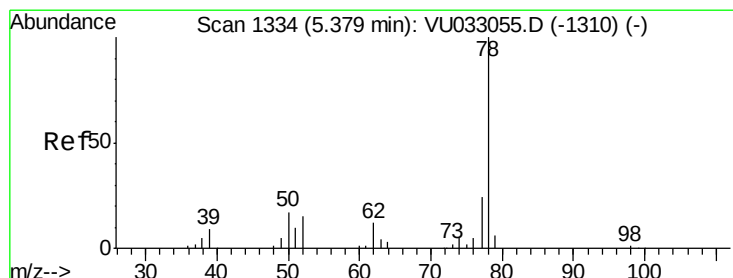
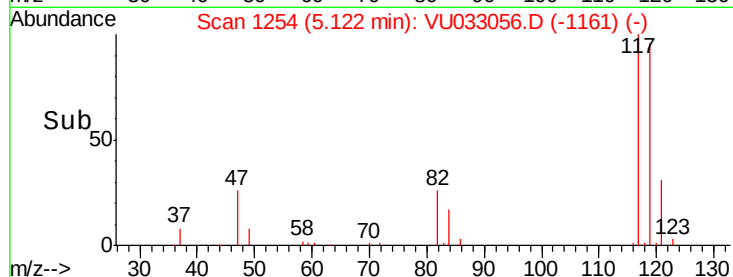
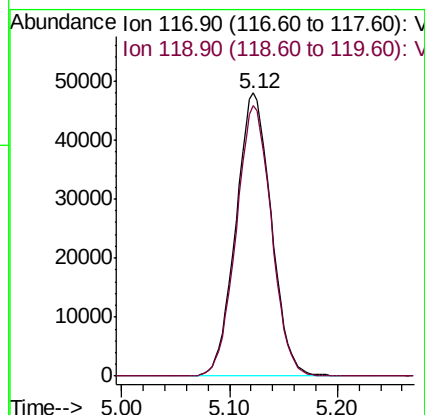
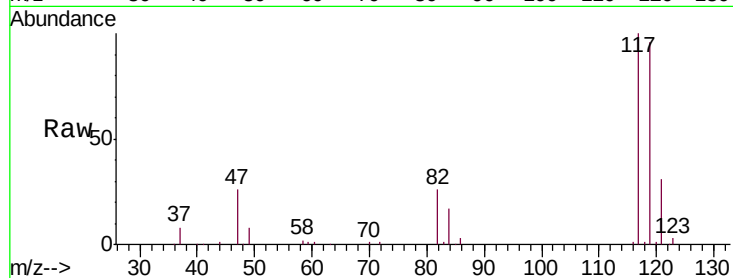




#31
Carbon tetrachloride
Concen: 9.964 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

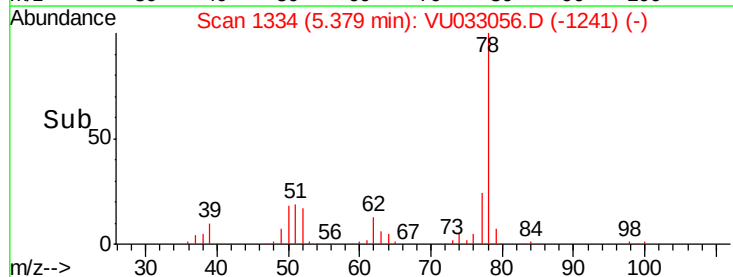
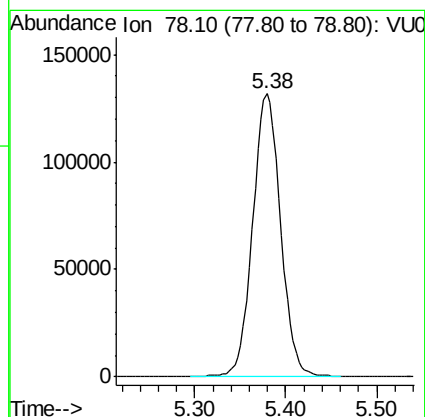
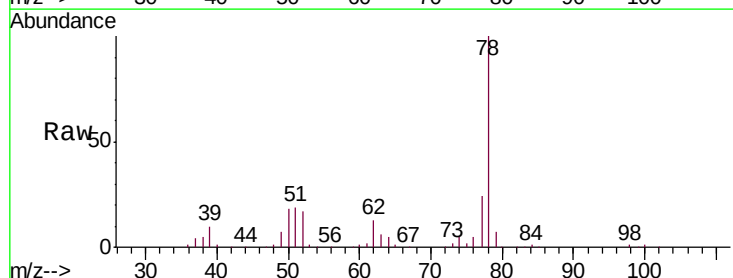
Instrument :
MSVOA_U
ClientSampleId :
VSTD01004

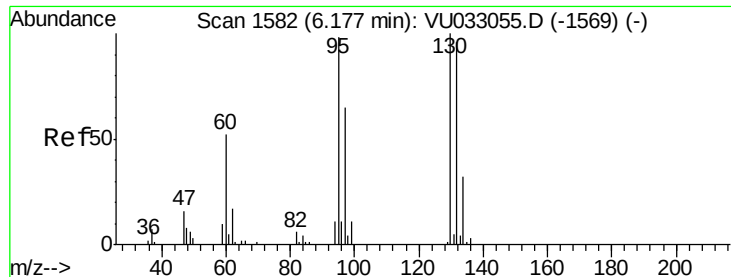
Tgt Ion:117 Resp: 109449
Ion Ratio Lower Upper
117 100
119 95.2 75.5 113.3



#33
Benzene
Concen: 10.018 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

Tgt Ion: 78 Resp: 280651





#34

Trichloroethene

Concen: 9.978 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD01004

Tgt Ion: 95 Resp: 76551

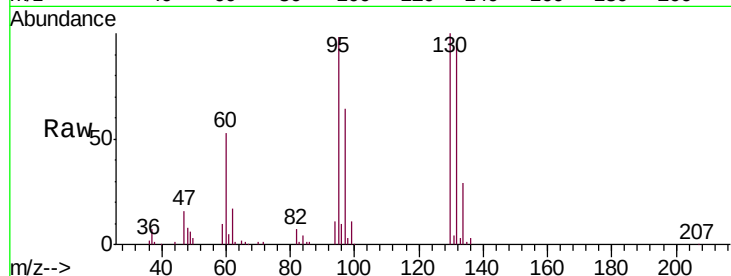
Ion Ratio Lower Upper

95 100

97 65.7 46.0 85.4

132 97.3 68.6 127.4

130 101.9 71.1 132.1



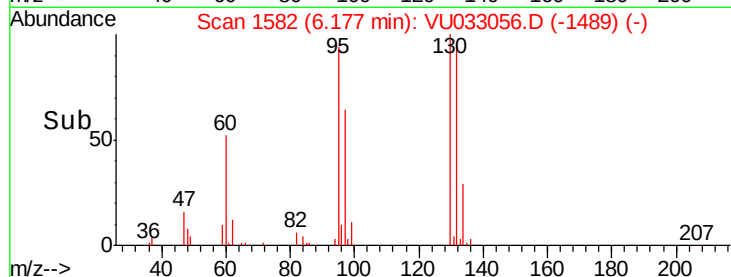
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

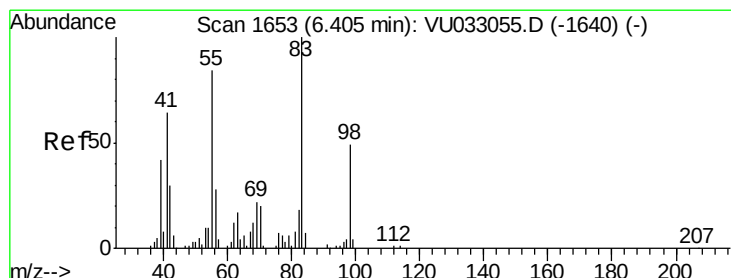
Ion 129.95 (129.65 to 130.65): V

Time-->



Abundance

Time-->



#35

Methylcyclohexane

Concen: 10.572 ug/L

RT: 6.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

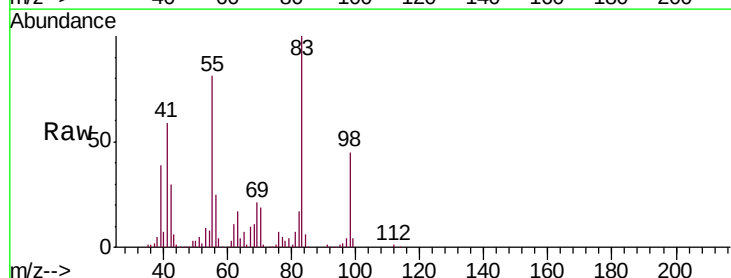
Tgt Ion: 83 Resp: 120761

Ion Ratio Lower Upper

83 100

55 80.5 67.0 100.4

98 45.6 37.7 56.5

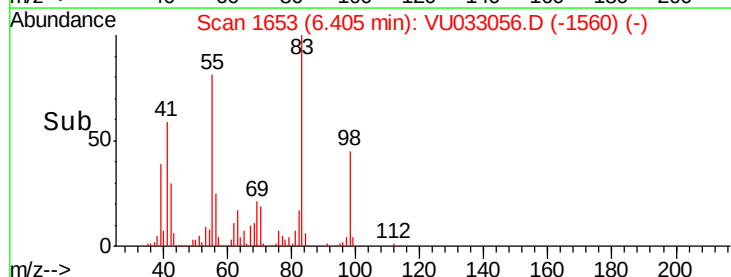


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

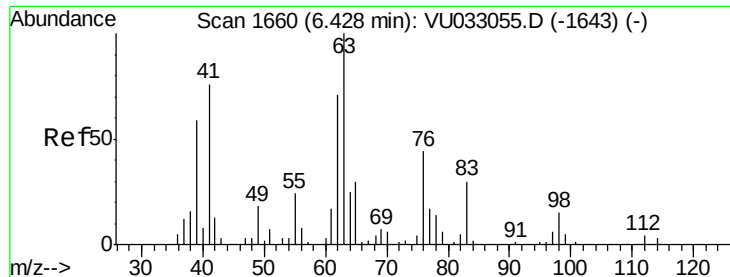
Ion 98.15 (97.85 to 98.85): VU0

Time-->



Abundance

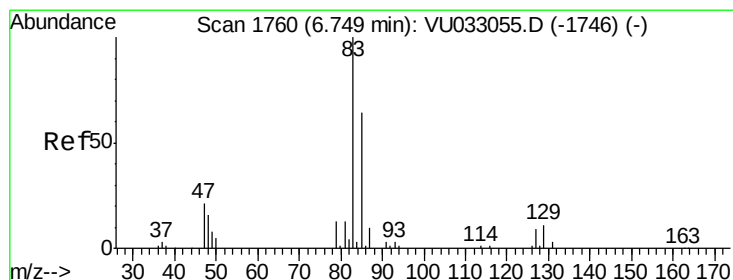
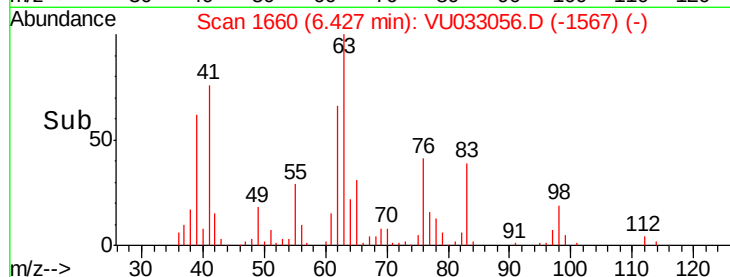
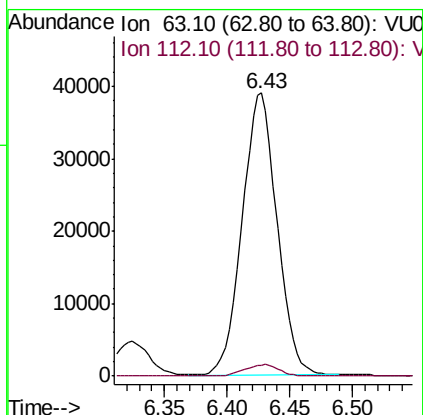
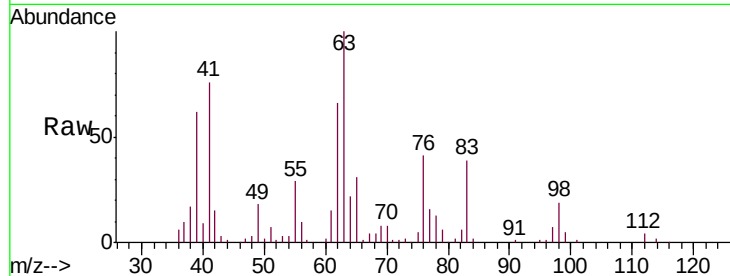
Time-->



#37
 1,2-Dichloropropane
 Concen: 10.037 ug/L
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

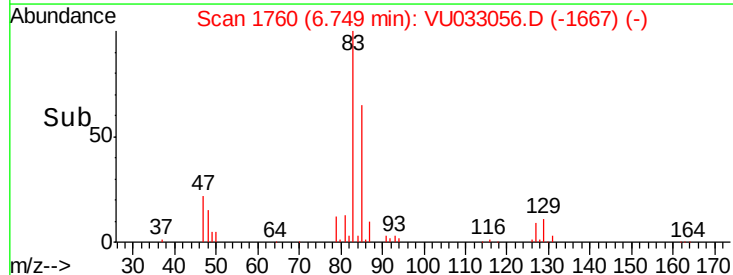
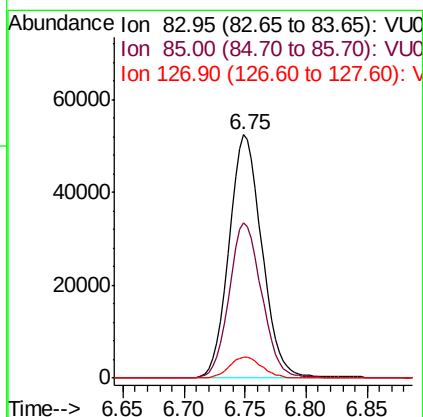
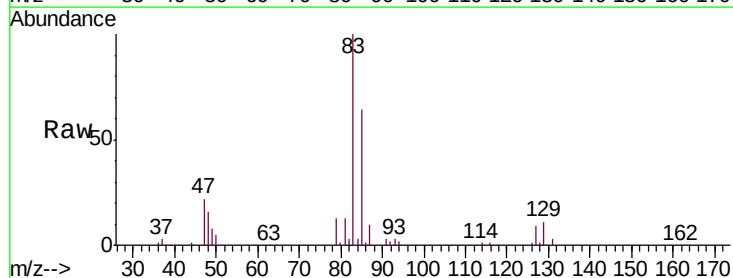
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

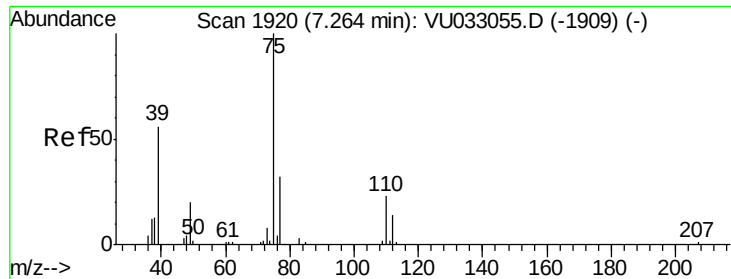
Tgt Ion: 63 Resp: 75409
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.5 5.3



#38
 Bromodichloromethane
 Concen: 9.971 ug/L
 RT: 6.75 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion: 83 Resp: 98773
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.1 83.9
 127 8.7 6.9 10.3

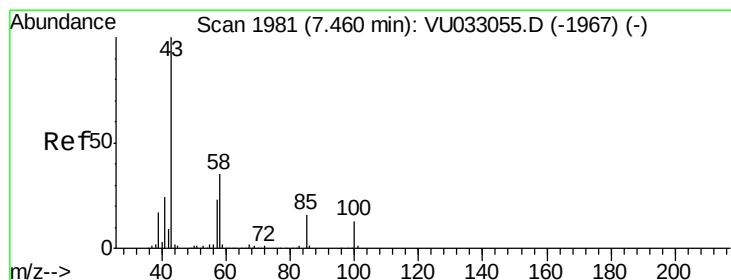
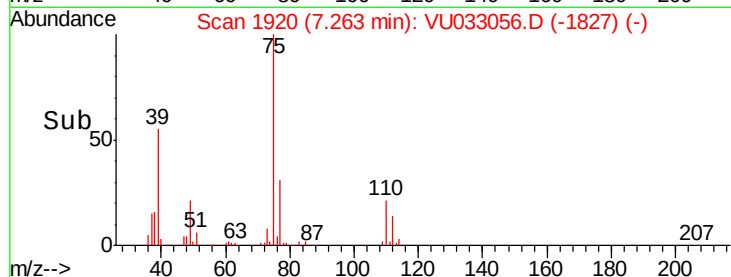
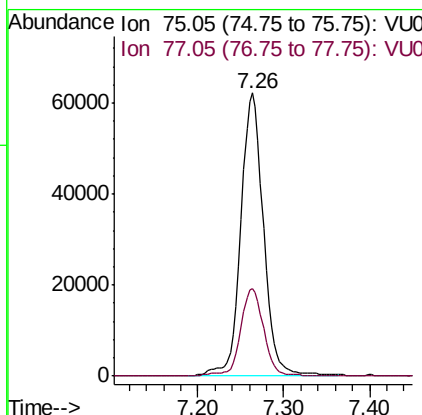
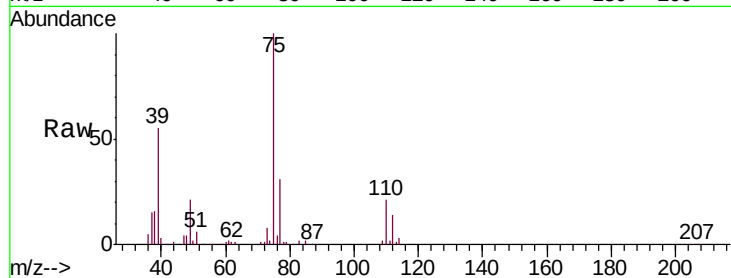




#39
 cis-1,3-Dichloropropene
 Concen: 10.448 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

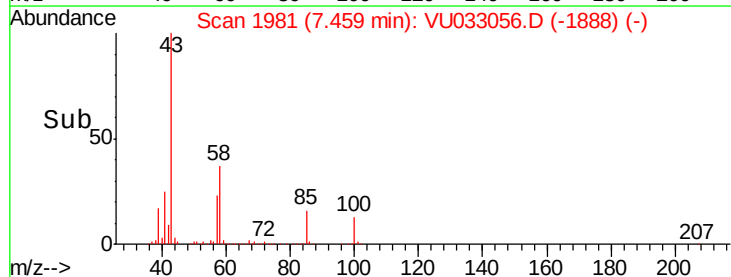
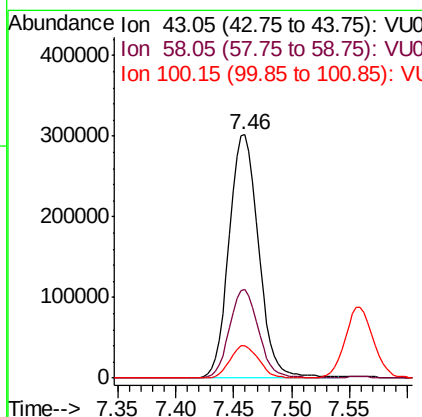
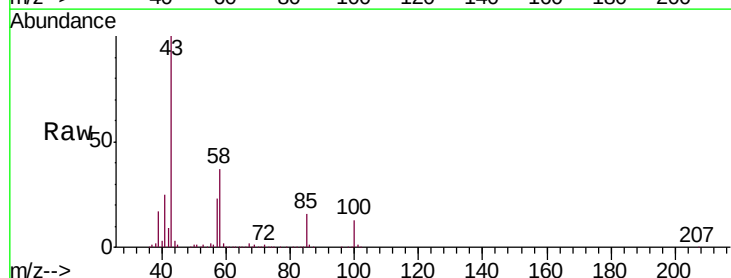
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

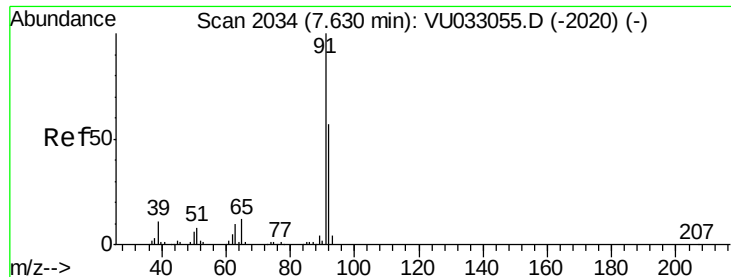
Tgt Ion: 75 Resp: 114457
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 103.129 ug/L
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion: 43 Resp: 534036
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.2 42.2
 100 13.0 10.4 15.6





#42

Toluene

Concen: 10.367 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

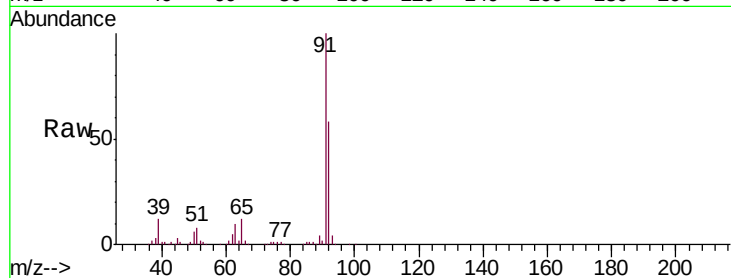
VSTD01004

Tgt Ion: 91 Resp: 310234

Ion Ratio Lower Upper

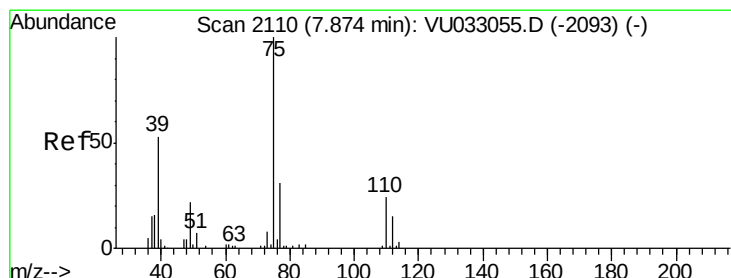
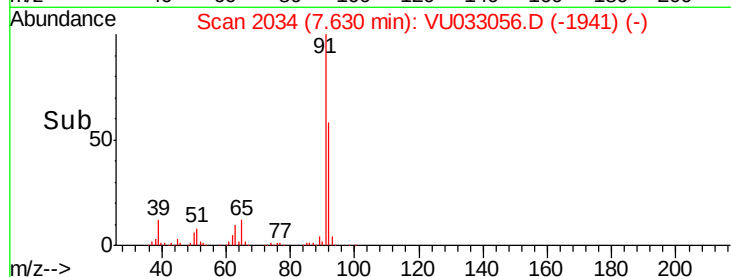
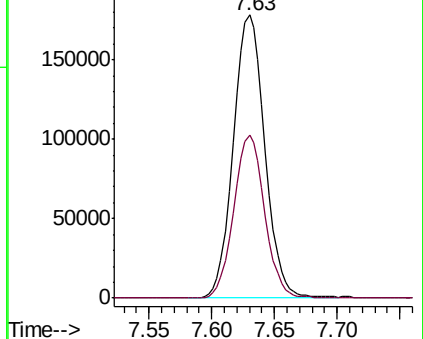
91 100

92 57.6 39.8 74.0



Abundance Ion 91.15 (90.85 to 91.85): VU033055.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU033055.D (-2020) (-)



#44

trans-1,3-Dichloropropene

Concen: 10.380 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU033056.D

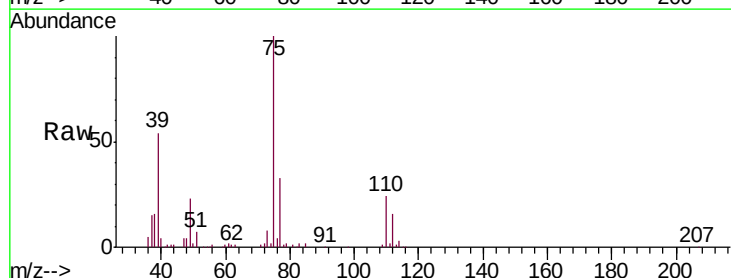
Acq: 27 Jun 2019 10:53

Tgt Ion: 75 Resp: 92666

Ion Ratio Lower Upper

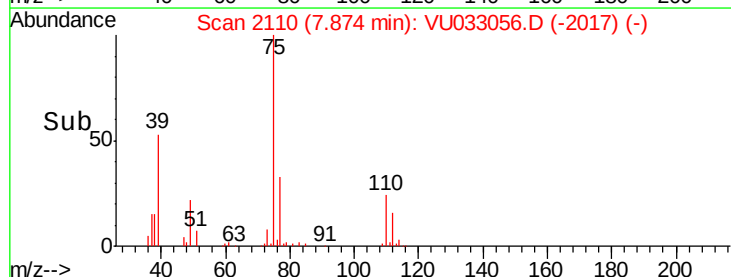
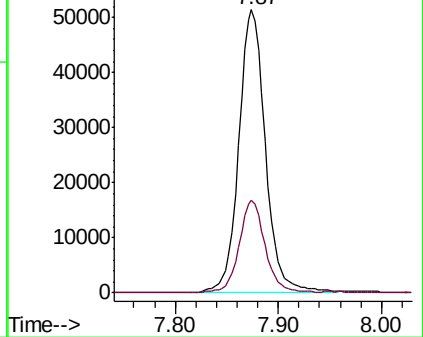
75 100

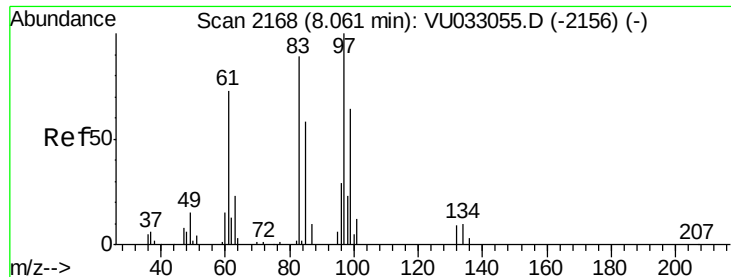
77 32.9 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU033055.D (-2093) (-)

Ion 77.05 (76.75 to 77.75): VU033055.D (-2093) (-)

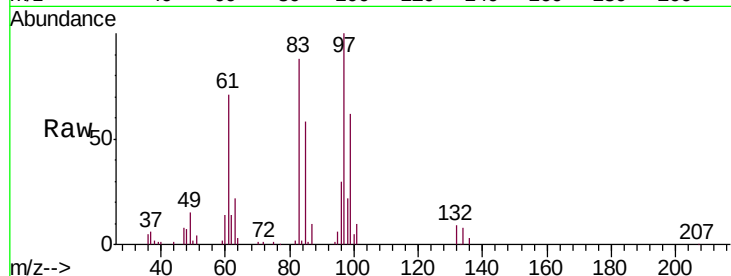




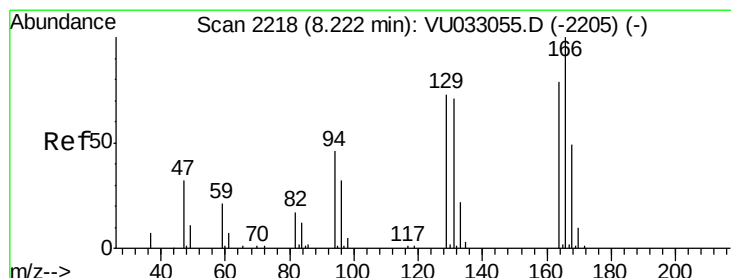
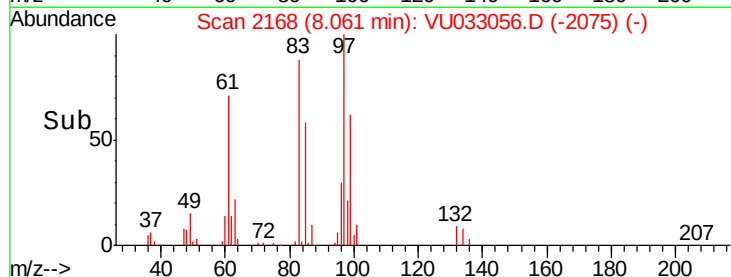
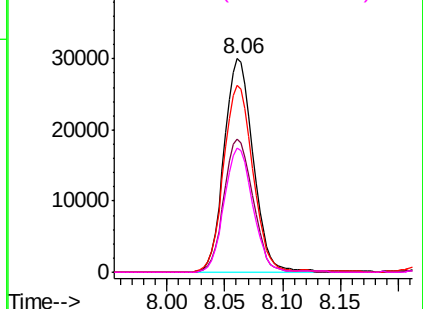
#45
 1,1,2-Trichloroethane
 Concen: 9.902 ug/L
 RT: 8.06 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Tgt Ion:	97	Resp:	52171
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.7	83.1
83	87.7	62.6	116.2
85	57.9	40.5	75.1

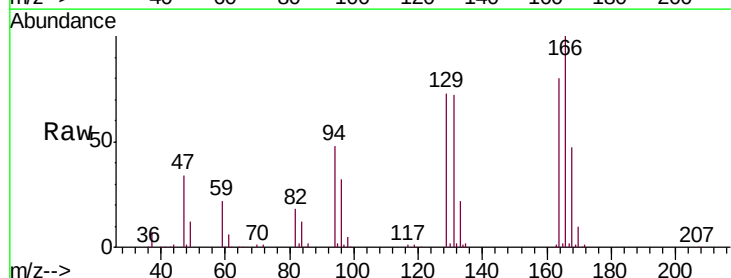


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

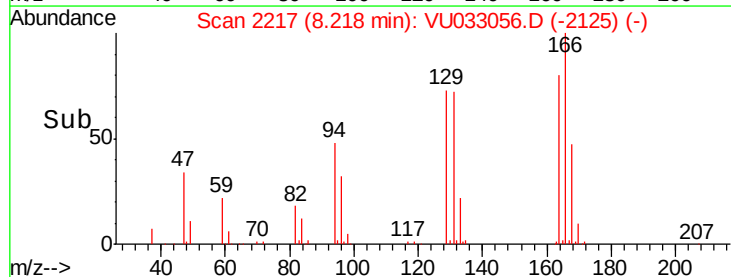
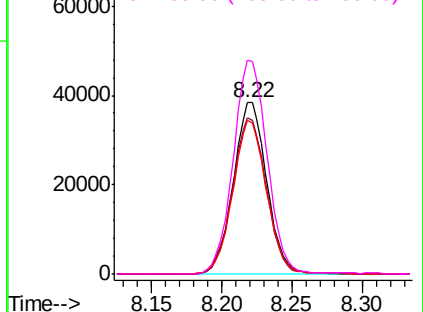


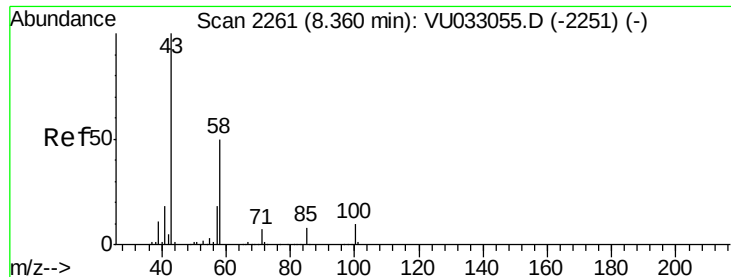
#47
 Tetrachloroethene
 Concen: 10.324 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion:	164	Resp:	63719
Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.9	120.5
131	89.3	63.5	117.9
166	124.6	89.1	165.5



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

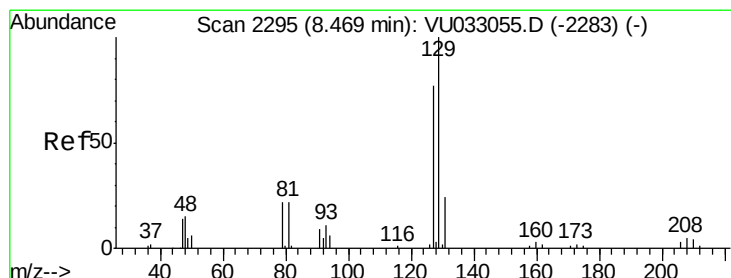
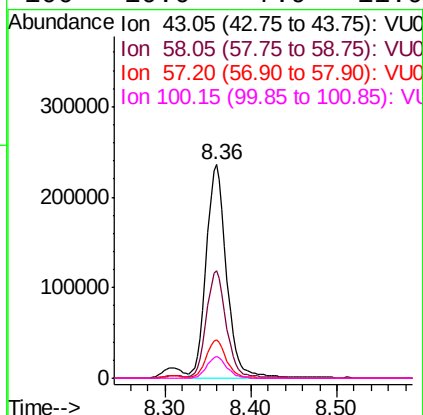
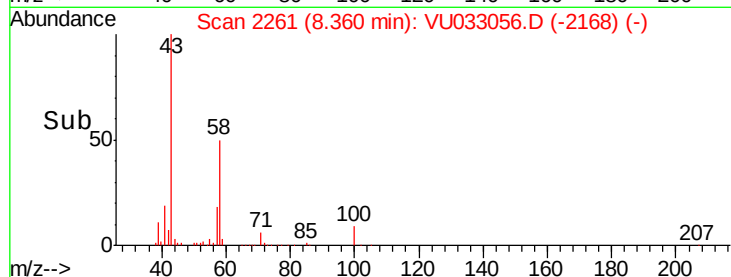
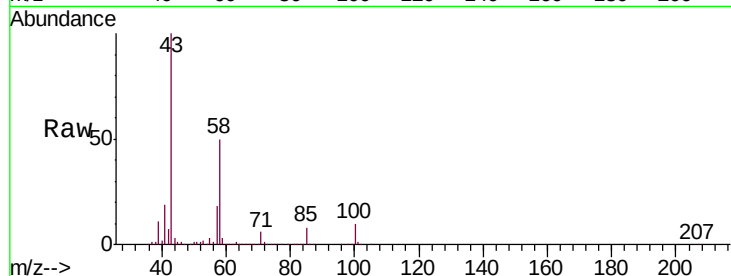




#48
2-Hexanone
Concen: 105.239 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

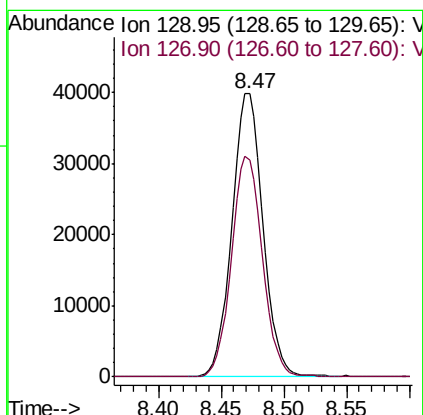
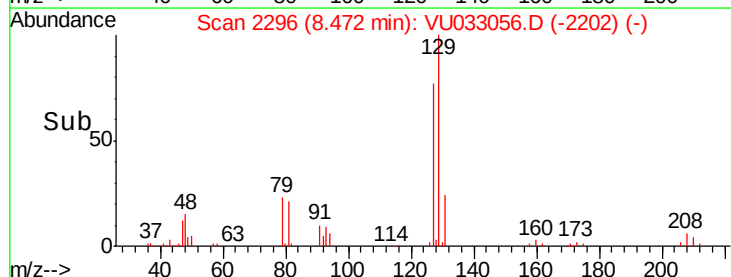
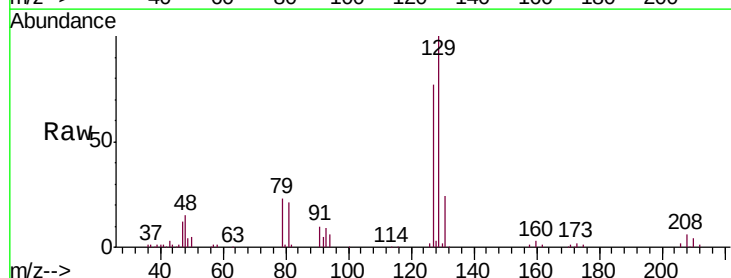
Instrument :
MSVOA_U
ClientSampleId :
VSTD01004

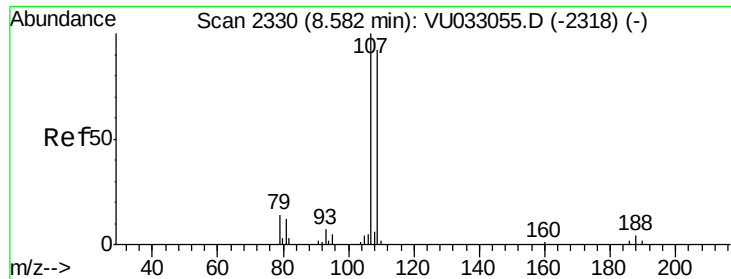
Tgt Ion: 43 Resp: 389971
Ion Ratio Lower Upper
43 100
58 49.5 40.0 60.0
57 17.8 14.0 21.0
100 10.0 7.9 11.9



#49
Dibromochloromethane
Concen: 10.252 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

Tgt Ion: 129 Resp: 68528
Ion Ratio Lower Upper
129 100
127 76.6 54.0 100.4

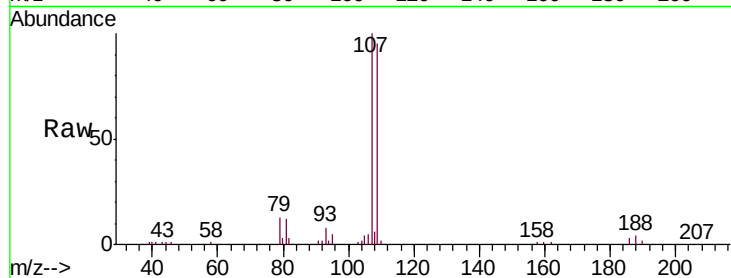




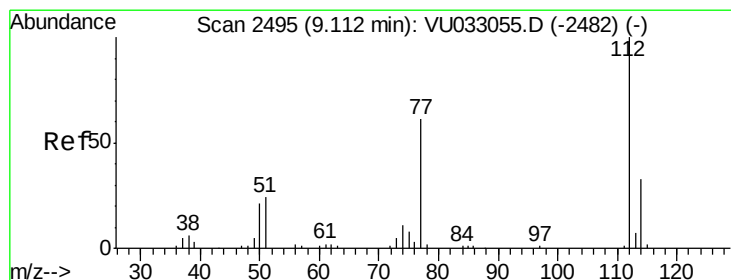
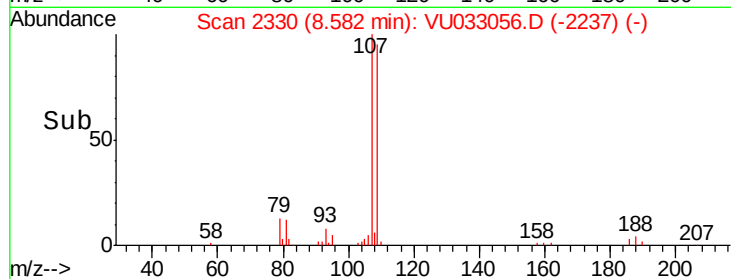
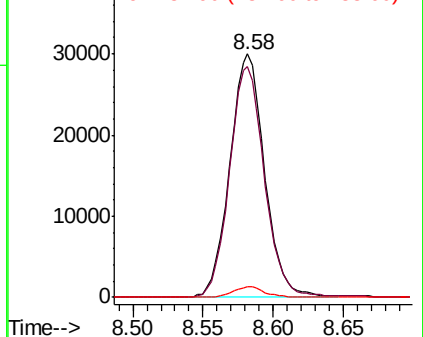
#50
1,2-Dibromoethane
Concen: 10.078 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD01004

Tgt Ion:107 Resp: 51765
Ion Ratio Lower Upper
107 100
109 94.6 64.7 120.1
188 4.2 2.9 4.3

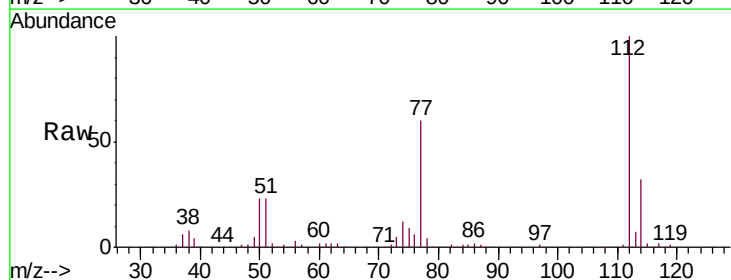


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

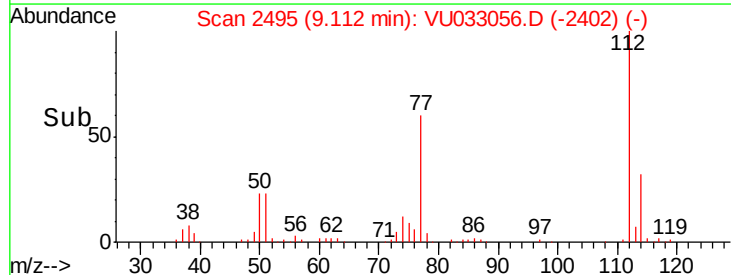
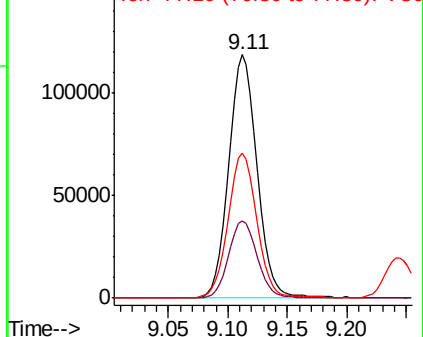


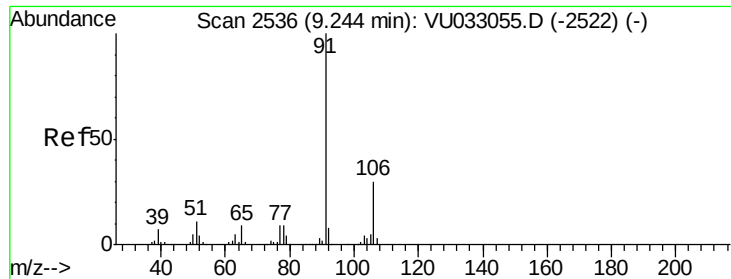
#51
Chlorobenzene
Concen: 9.925 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

Tgt Ion:112 Resp: 196214
Ion Ratio Lower Upper
112 100
114 31.9 23.3 43.3
77 59.7 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 10.449 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

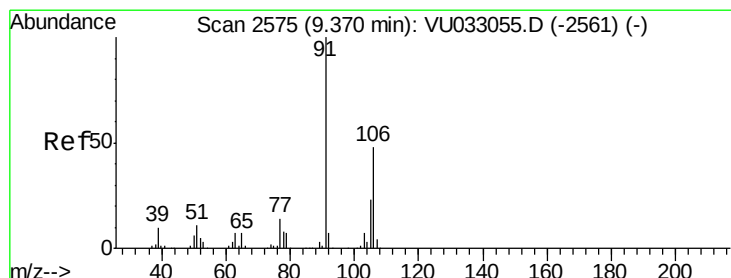
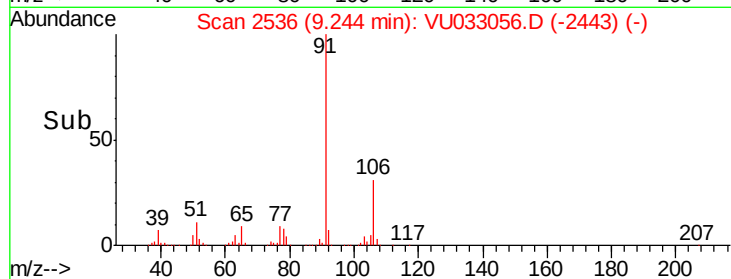
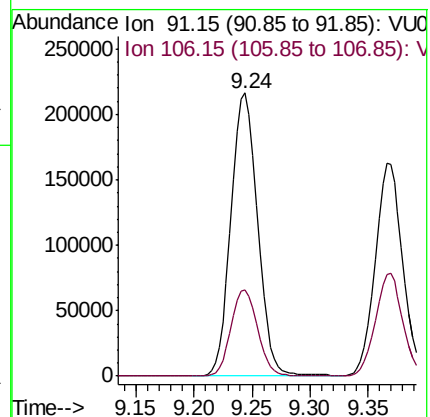
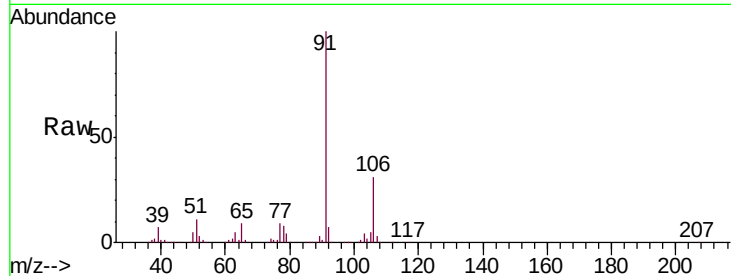
VSTD01004

Tgt Ion: 91 Resp: 344260

Ion Ratio Lower Upper

91 100

106 30.6 21.2 39.4



#53

m,p-Xylene

Concen: 10.783 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU033056.D

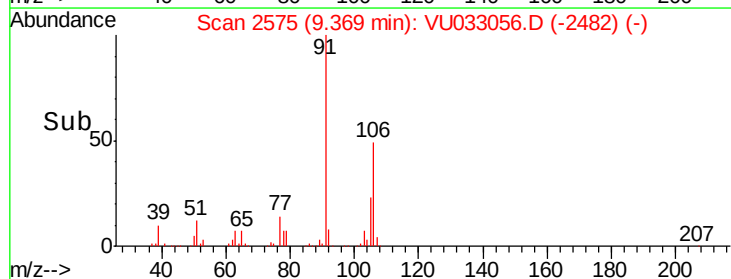
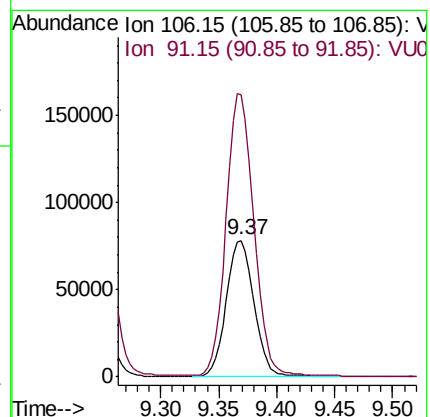
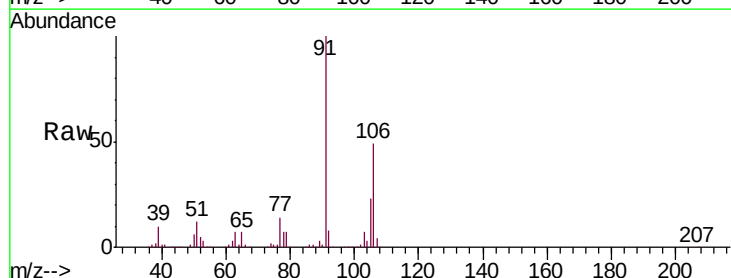
Acq: 27 Jun 2019 10:53

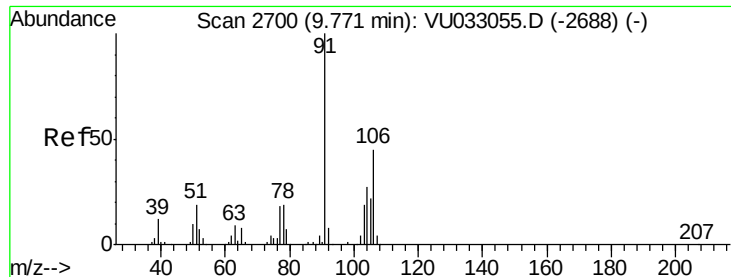
Tgt Ion: 106 Resp: 128944

Ion Ratio Lower Upper

106 100

91 206.1 146.4 272.0

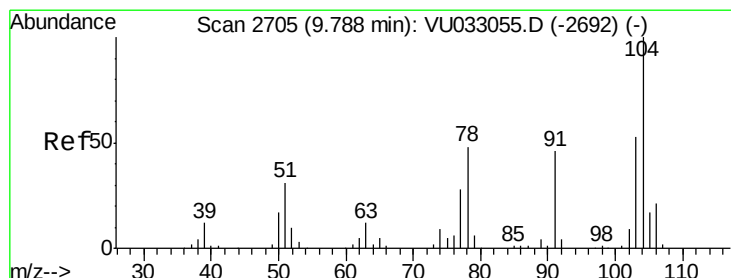
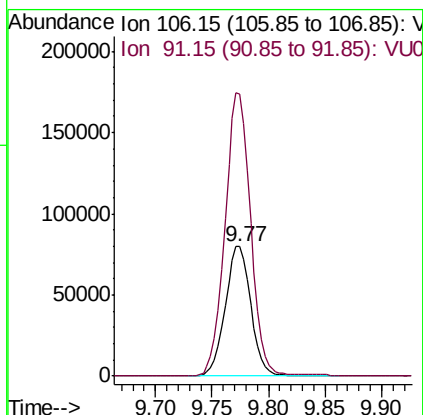
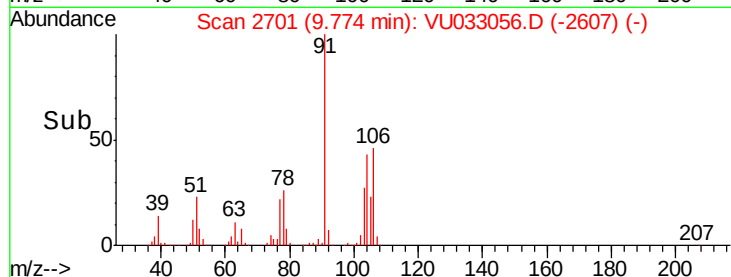
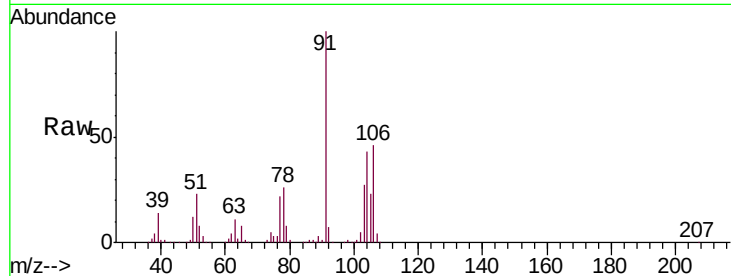




#54
o-Xylene
Concen: 10.853 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

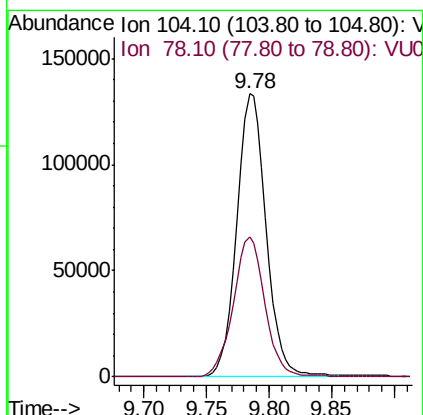
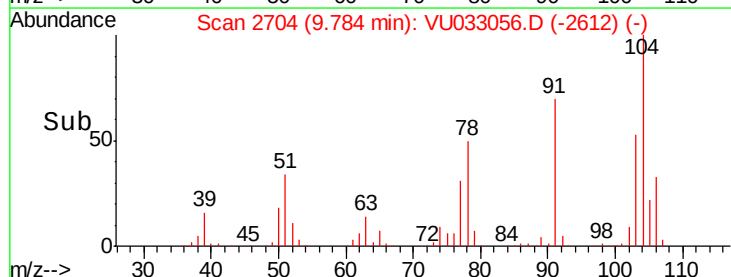
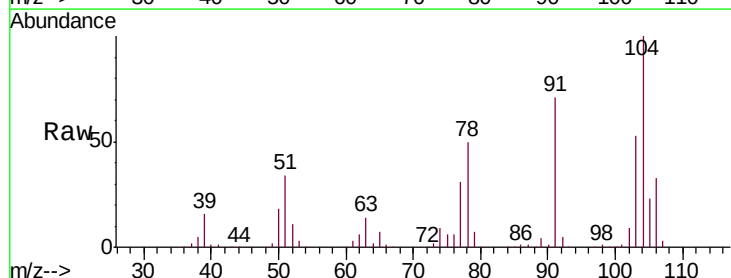
Instrument :
MSVOA_U
ClientSampleId :
VSTD01004

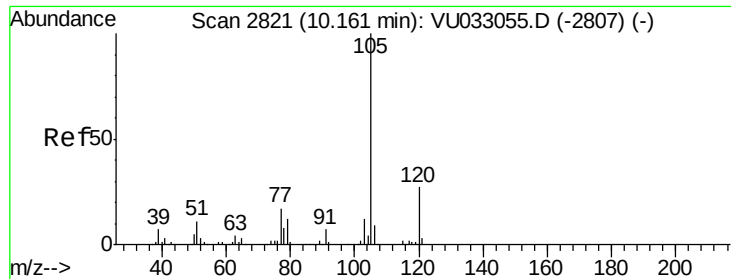
Tgt Ion:106 Resp: 126494
Ion Ratio Lower Upper
106 100
91 217.3 155.1 288.1



#55
Styrene
Concen: 11.007 ug/L
RT: 9.78 min Scan# 2704
Delta R.T. -0.00 min
Lab File: VU033056.D
Acq: 27 Jun 2019 10:53

Tgt Ion:104 Resp: 217153
Ion Ratio Lower Upper
104 100
78 49.6 33.9 62.9





#56

Isopropylbenzene

Concen: 10.761 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD01004

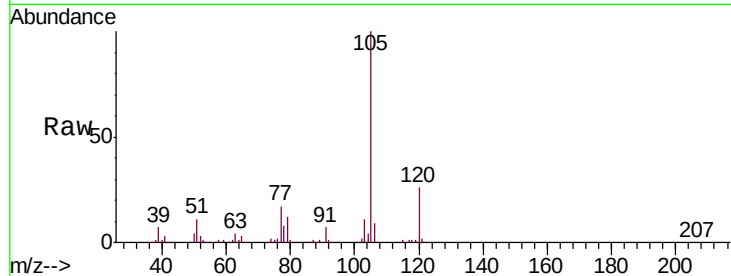
Tgt Ion: 105 Resp: 340466

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.6

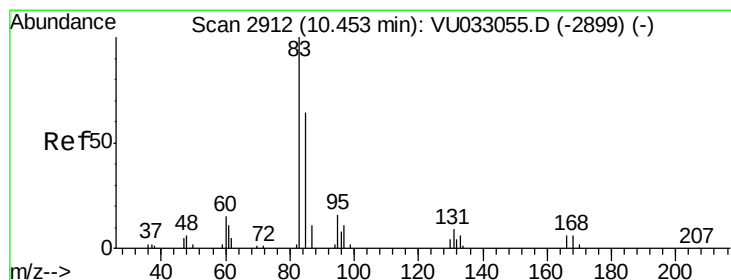
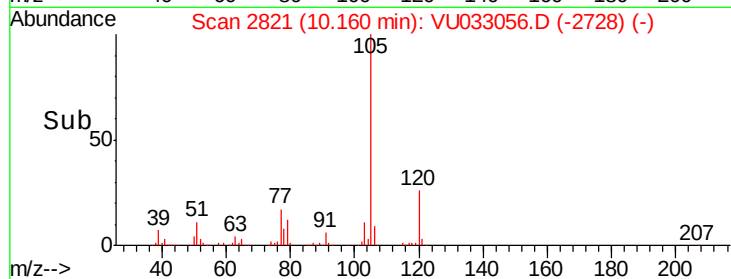
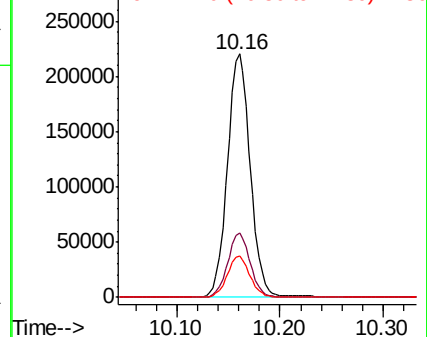
77 16.7 13.6 20.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 10.060 ug/L

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

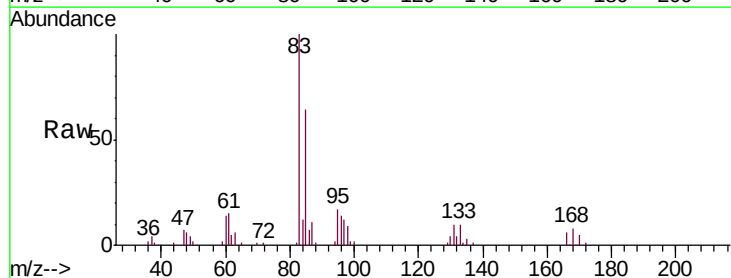
Tgt Ion: 83 Resp: 68757

Ion Ratio Lower Upper

83 100

85 63.8 45.7 84.9

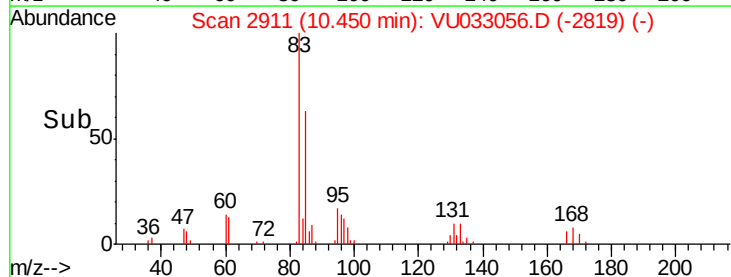
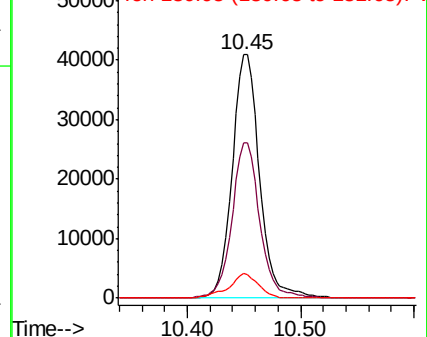
131 10.1 7.7 11.5

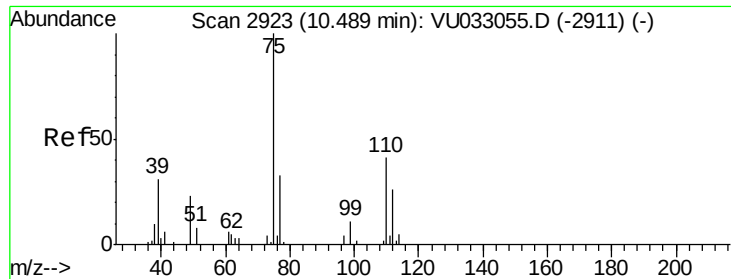


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

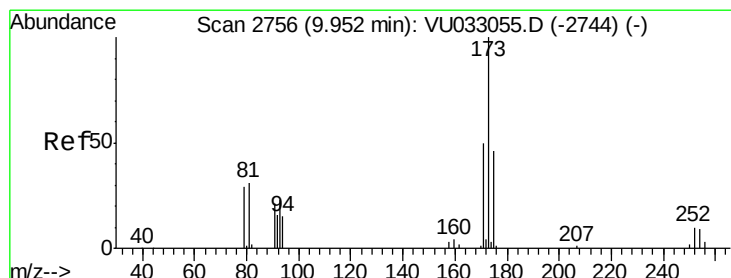
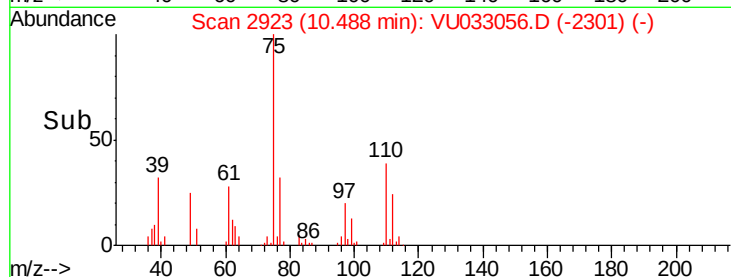
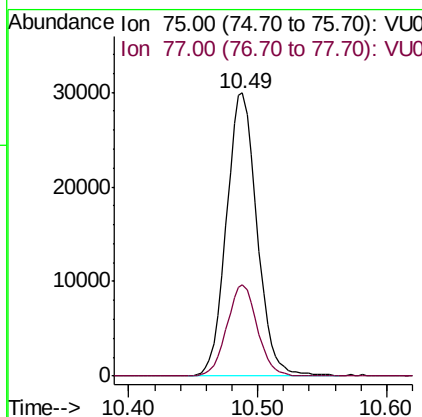
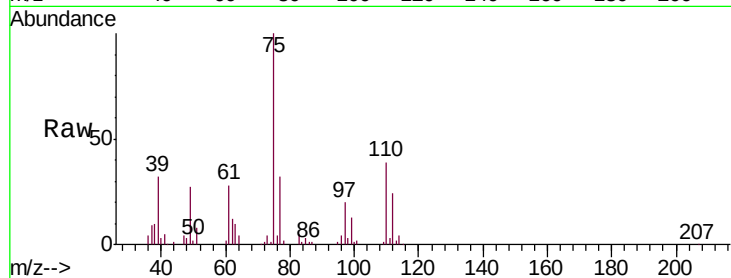




#59
 1,2,3-Trichloropropane
 Concen: 9.794 ug/L
 RT: 10.49 min Scan# 2923
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

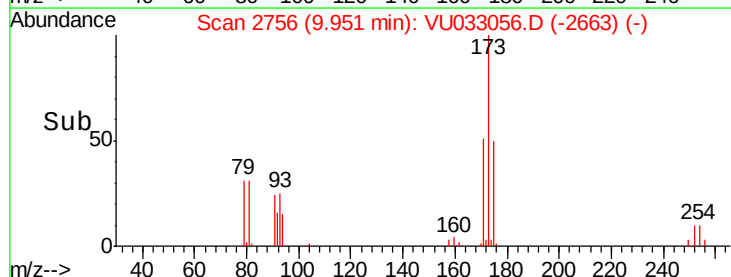
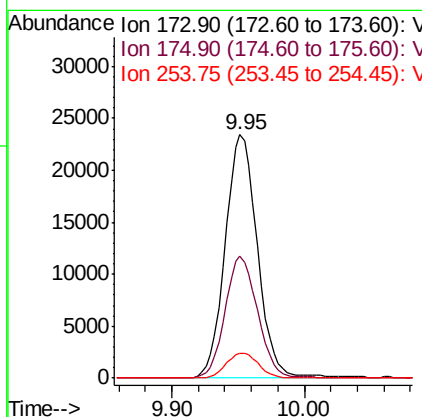
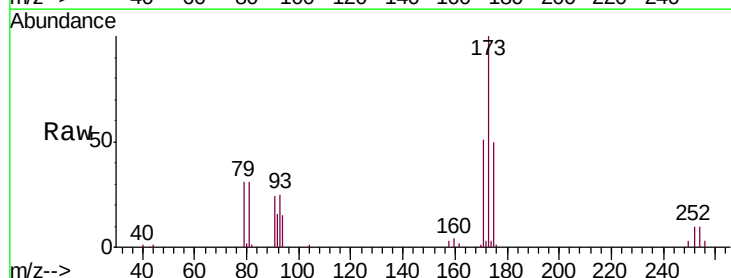
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

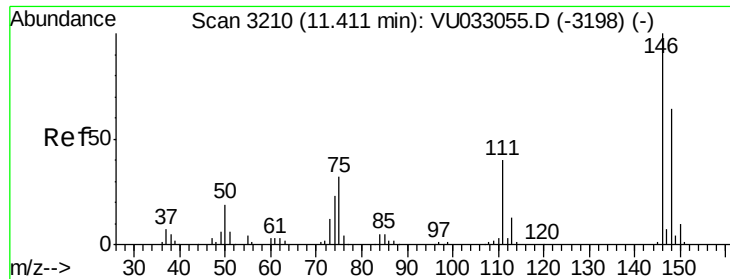
Tgt Ion: 75 Resp: 49245
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#61
 Bromoform
 Concen: 9.937 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion: 173 Resp: 39510
 Ion Ratio Lower Upper
 173 100
 175 50.3 37.7 56.5
 254 10.2 7.7 11.5

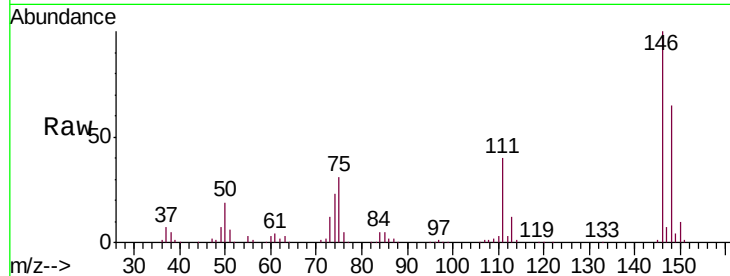




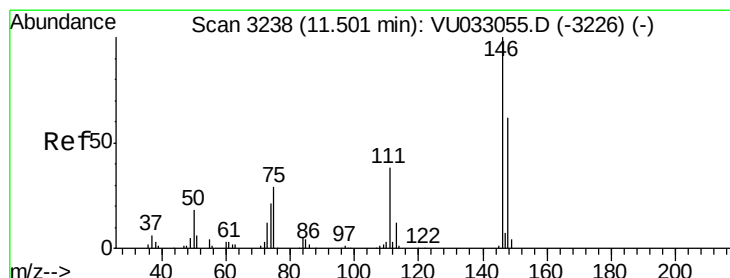
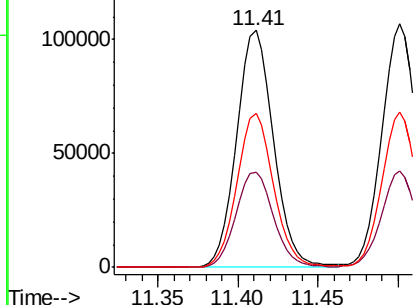
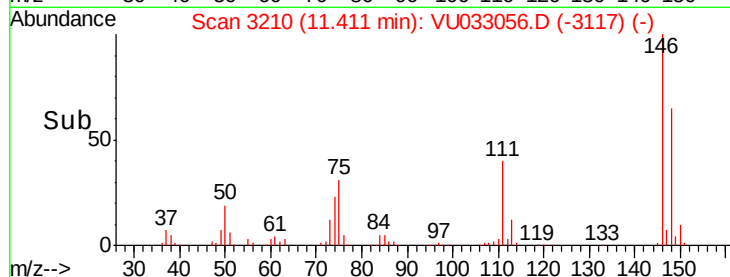
#62
 1,3-Dichlorobenzene
 Concen: 10.001 ug/L
 RT: 11.41 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD01004

Tgt Ion:146 Resp: 163363
 Ion Ratio Lower Upper
 146 100
 111 40.4 27.7 51.5
 148 65.1 44.5 82.7

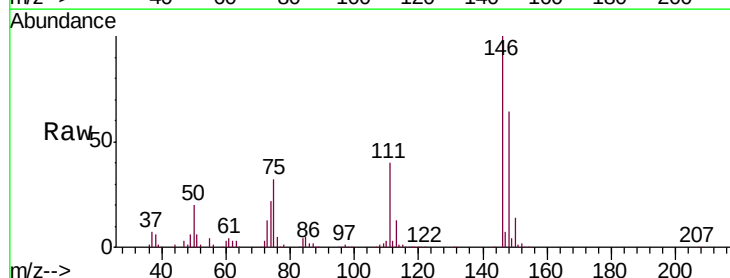


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

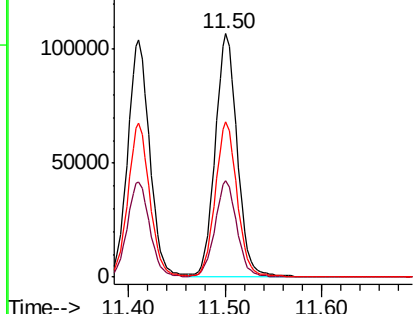
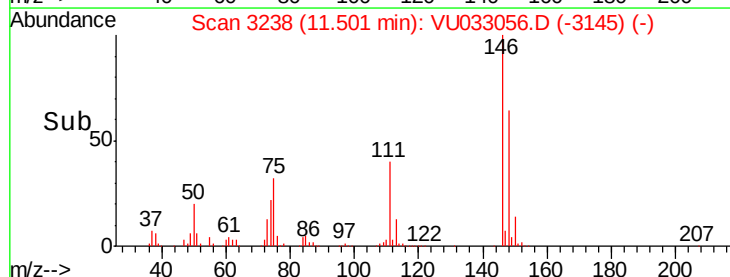


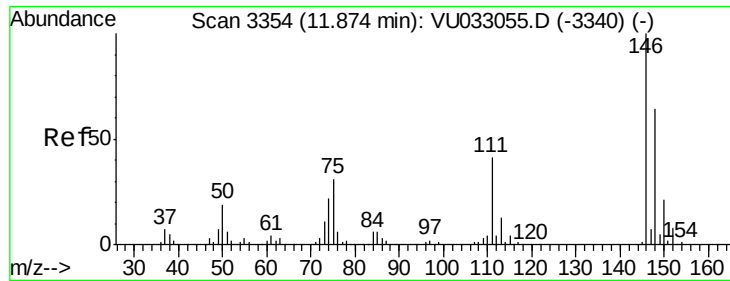
#63
 1,4-Dichlorobenzene
 Concen: 9.940 ug/L
 RT: 11.50 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion:146 Resp: 169396
 Ion Ratio Lower Upper
 146 100
 111 39.6 26.7 49.7
 148 63.6 43.6 81.0



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.081 ug/L

RT: 11.87 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD01004

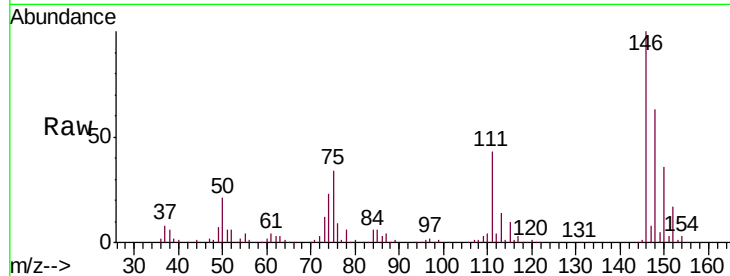
Tgt Ion:146 Resp: 159716

Ion Ratio Lower Upper

146 100

111 43.3 33.2 49.8

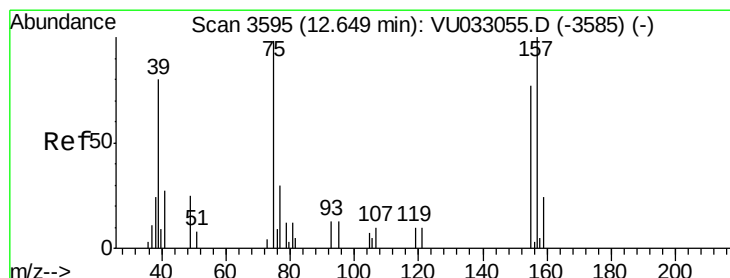
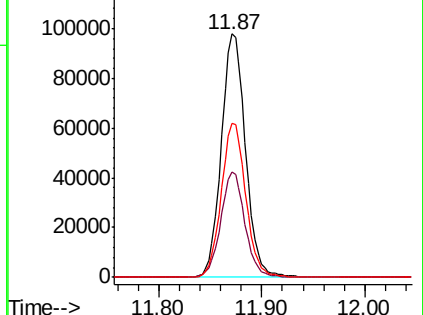
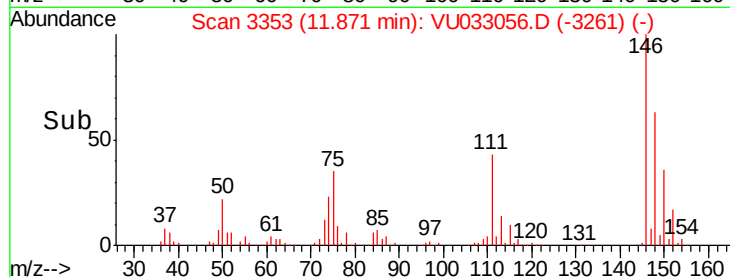
148 63.4 51.4 77.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 10.663 ug/L

RT: 12.65 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

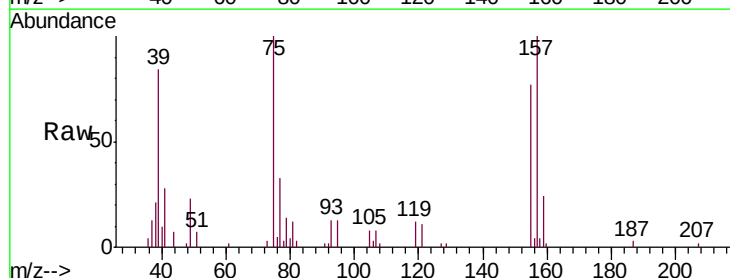
Tgt Ion: 75 Resp: 11617

Ion Ratio Lower Upper

75 100

155 77.5 62.9 94.3

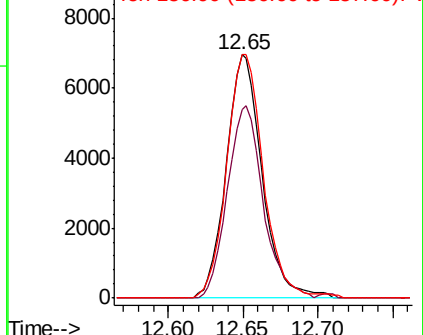
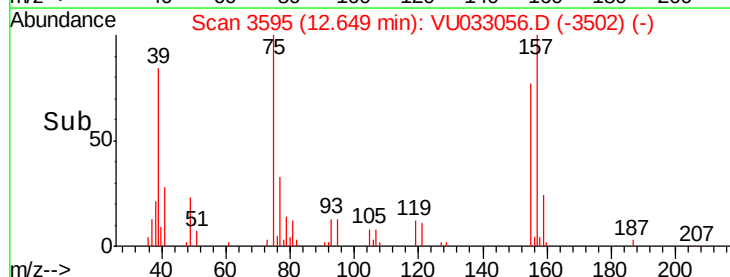
157 99.8 82.0 123.0

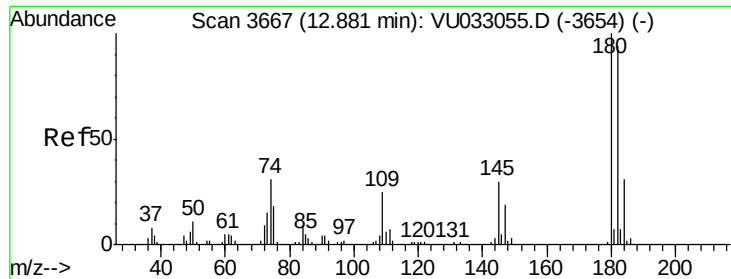


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

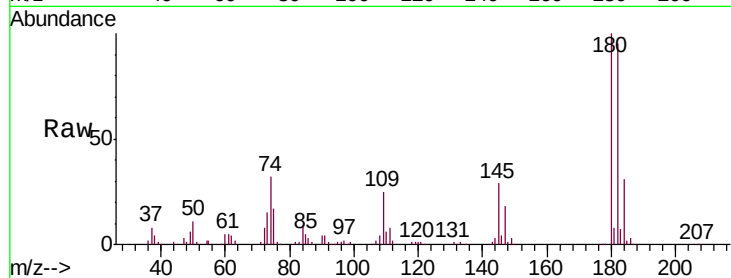




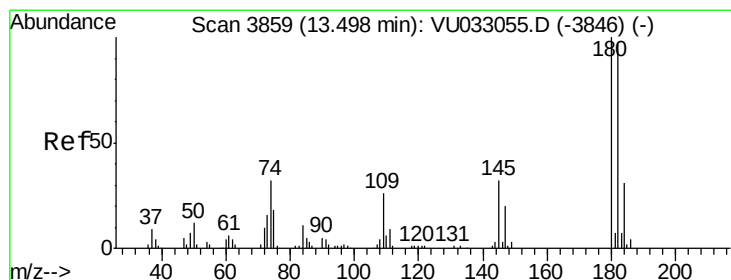
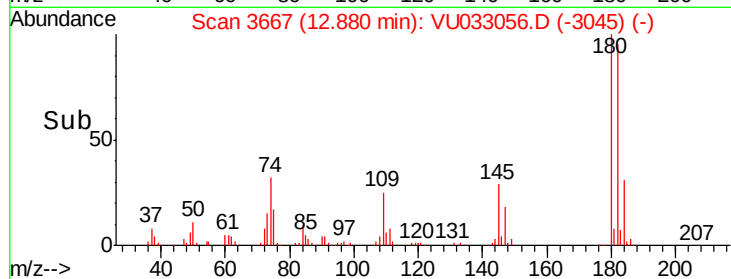
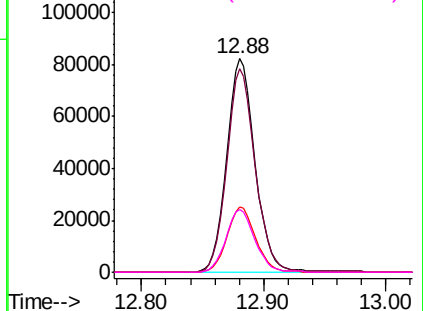
#67
 1,3,5-Trichlorobenzene
 Concen: 10.269 ug/L
 RT: 12.88 min Scan# 3667
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Tgt Ion:180 Resp: 133699
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.6 114.8
 184 31.0 24.6 36.8
 145 30.0 23.8 35.6

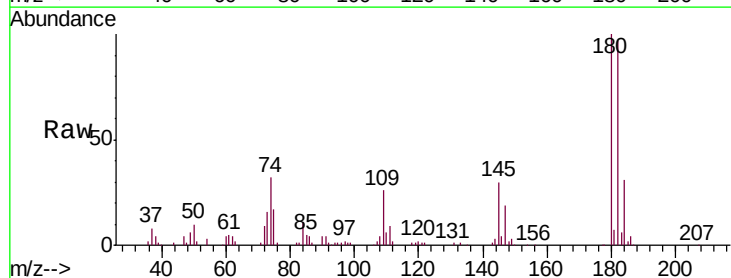


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

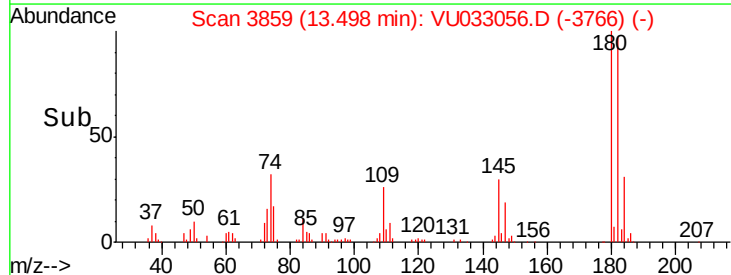
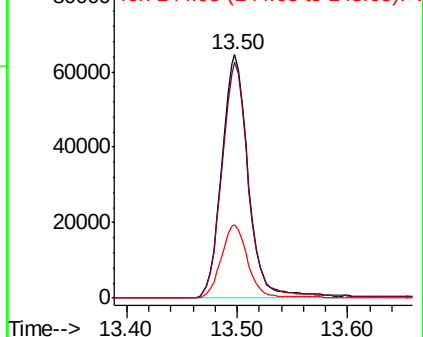


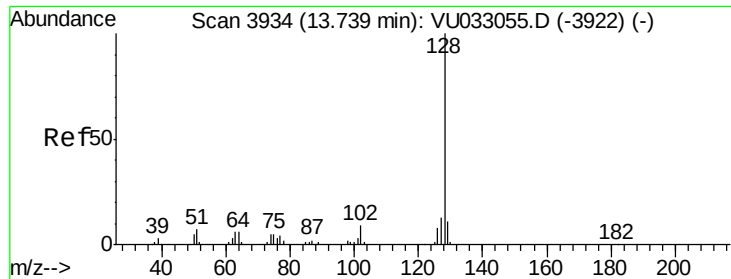
#68
 1,2,4-trichlorobenzene
 Concen: 11.638 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. -0.00 min
 Lab File: VU033056.D
 Acq: 27 Jun 2019 10:53

Tgt Ion:180 Resp: 108281
 Ion Ratio Lower Upper
 180 100
 182 98.2 79.1 118.7
 145 30.4 24.3 36.5



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: 13.661 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD01004

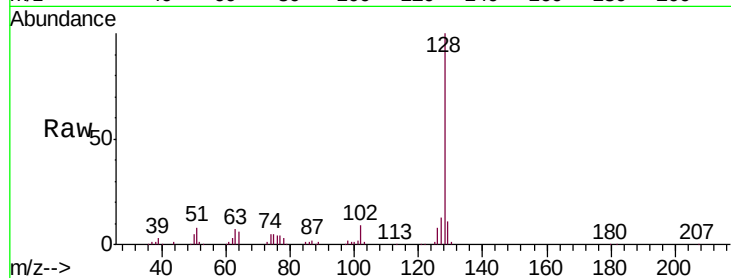
Tgt Ion:128 Resp: 169446

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

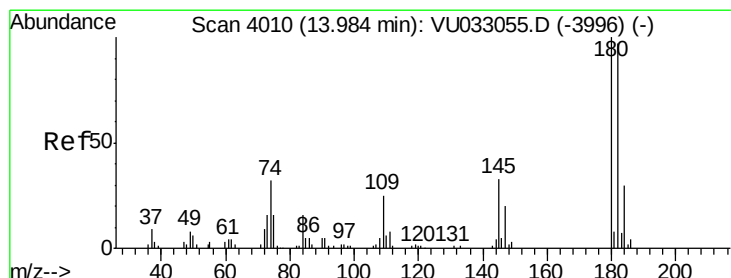
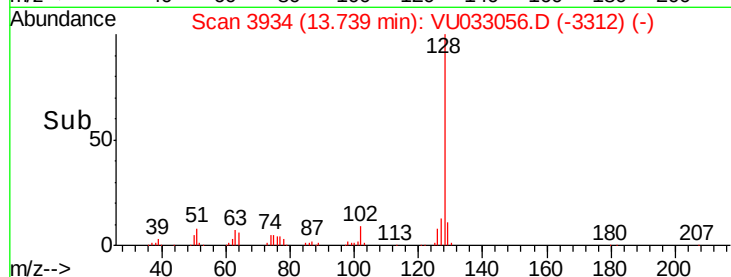
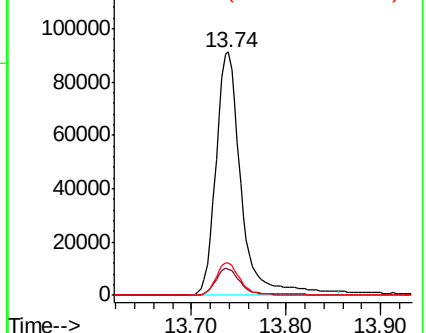
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 11.325 ug/L

RT: 13.98 min Scan# 4009

Delta R.T. -0.00 min

Lab File: VU033056.D

Acq: 27 Jun 2019 10:53

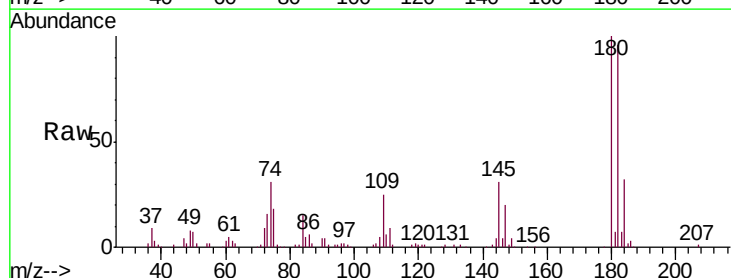
Tgt Ion:180 Resp: 103319

Ion Ratio Lower Upper

180 100

182 96.6 74.8 112.2

145 31.2 25.7 38.5



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

