

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041235.D
 Acq On : 16 Nov 2020 09:01
 Operator : SY/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Nov 16 10:18:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 10:17:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	4732	0.88	ug/L	0.00
7) Chloroethane-d5	1.93	69	4389	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	10275	0.97	ug/L	0.00
20) 2-Butanone-d5	4.66	46	19217	10.84	ug/L	0.01
24) Chloroform-d	5.08	84	11053	1.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	7457	1.26	ug/L	0.00
32) Benzene-d6	5.75	84	18218	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	6545	1.03	ug/L	0.00
41) Toluene-d8	7.91	98	16506	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	2596	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	12228	8.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	6685	1.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	6205	1.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	5374	0.918 ug/L	97
3) Chloromethane	1.53	50	5724	0.938 ug/L	97
5) Vinyl chloride	1.61	62	5282	0.877 ug/L	96
6) Bromomethane	1.87	94	3054	0.885 ug/L	89
8) Chloroethane	1.94	64	4012	1.052 ug/L	98
9) Trichlorofluoromethane	2.15	101	8721	1.066 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4567	0.952 ug/L	96
12) 1,1-Dichloroethene	2.60	96	3927	0.867 ug/L	96
13) Acetone	2.66	43	12809	10.564 ug/L #	62
14) Carbon disulfide	2.81	76	12312	0.814 ug/L	96
15) Methyl Acetate	2.97	43	2561	0.923 ug/L #	90
16) Methylene chloride	3.06	84	5384	1.020 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	10771	0.924 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	4216	0.916 ug/L	89
19) 1,1-Dichloroethane	3.89	63	9535	1.036 ug/L	99
21) 2-Butanone	4.75	43	18211	9.610 ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	4095	0.863 ug/L	98
23) Bromochloromethane	4.99	128	2309	1.031 ug/L	97
25) Chloroform	5.11	83	9824	1.065 ug/L	97
27) 1,2-Dichloroethane	5.81	62	6965	1.014 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	8420	0.941 ug/L	93
30) Cyclohexane	5.41	56	5823	0.661 ug/L	96
31) Carbon tetrachloride	5.54	117	7212	0.910 ug/L	96
33) Benzene	5.79	78	17516	0.801 ug/L	100
34) Trichloroethene	6.55	95	4675	0.840 ug/L	99
35) Methylcyclohexane	6.77	83	5563	0.671 ug/L	92
37) 1,2-Dichloropropane	6.80	63	5515	0.933 ug/L #	86
38) Bromodichloromethane	7.11	83	7036	0.917 ug/L #	97
39) cis-1,3-Dichloropropene	7.62	75	6643	0.816 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	38364	8.136 ug/L	98

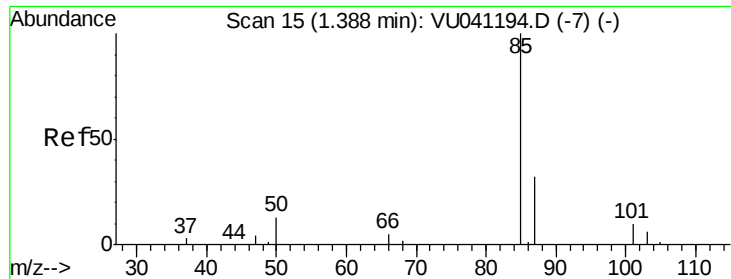
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	17318	0.781	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	6242	0.819	ug/L	93
45) 1,1,2-Trichloroethane	8.41	97	3975	0.903	ug/L	93
47) Tetrachloroethene	8.56	164	3600	0.880	ug/L	93
48) 2-Hexanone	8.69	43	28844	8.124	ug/L #	96
49) Dibromochloromethane	8.81	129	4597	0.899	ug/L	92
50) 1,2-Dibromoethane	8.93	107	3587	0.855	ug/L #	93
51) Chlorobenzene	9.45	112	13048	0.928	ug/L	94
52) Ethylbenzene	9.57	91	18262	0.783	ug/L	99
53) m,p-Xylene	9.69	106	6338	0.745	ug/L	88
54) o-Xylene	10.10	106	6083	0.768	ug/L	93
55) Styrene	10.11	104	10619	0.752	ug/L	99
56) Isopropylbenzene	10.48	105	16052	0.753	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	5384	0.931	ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	4060	0.921	ug/L	94
61) Bromoform	10.29	173	3055	1.194	ug/L #	92
62) 1,3-Dichlorobenzene	11.74	146	9186	0.959	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	9191	0.926	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	8775	0.928	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	771	0.832	ug/L #	85
67) 1,3,5-Trichlorobenzene	13.21	180	5995	0.895	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	4684	0.844	ug/L	97
69) Naphthalene	14.08	128	5774	0.582	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	4076	0.797	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 0.918 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

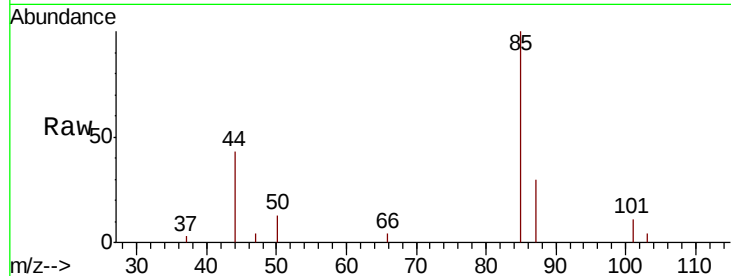
VSTD00103

Tot Ion: 85 Resp: 5374

Ion Ratio Lower Upper

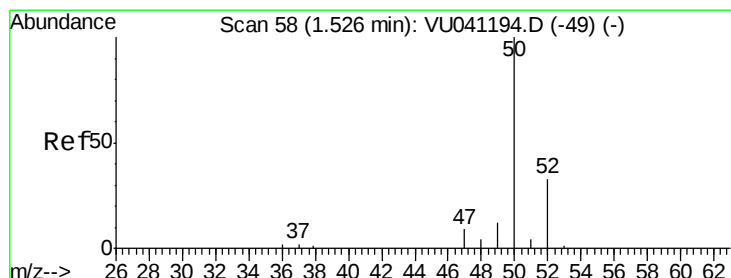
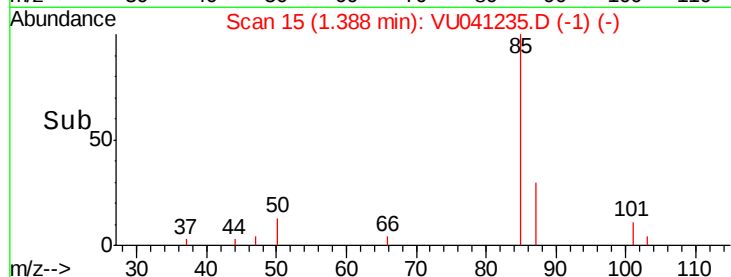
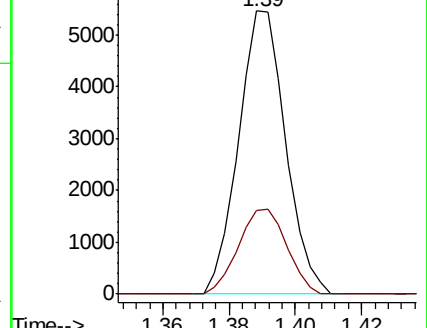
85 100

87 30.8 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU041194.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU041194.D (-7) (-)



#3

Chloromethane

Concen: 0.938 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041235.D

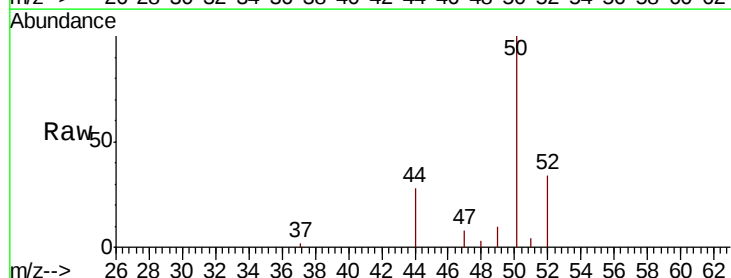
Acq: 16 Nov 2020 09:01

Tgt Ion: 50 Resp: 5724

Ion Ratio Lower Upper

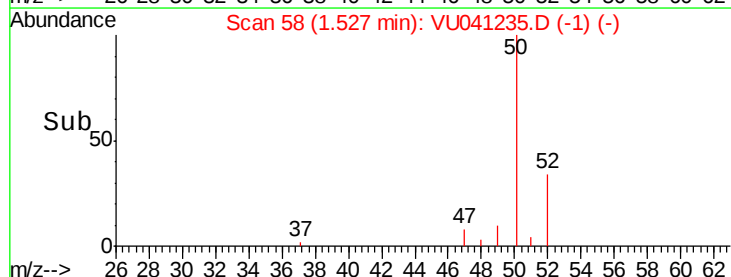
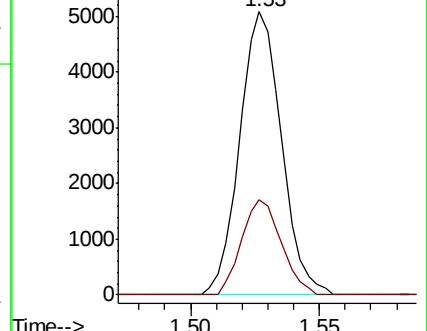
50 100

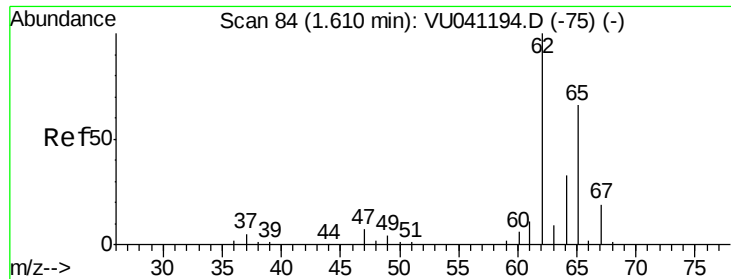
52 33.9 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041194.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU041194.D (-49) (-)





#5

Vinyl chloride

Concen: 0.877 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

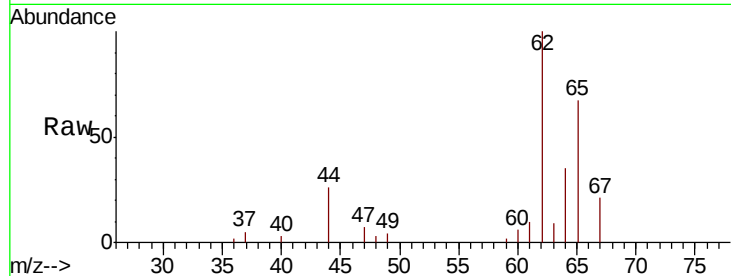
VSTD00103

Tot Ion: 62 Resp: 5282

Ion Ratio Lower Upper

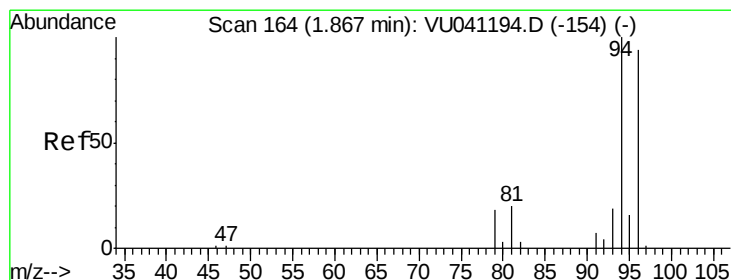
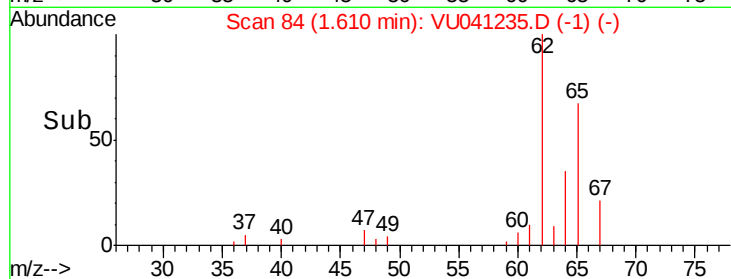
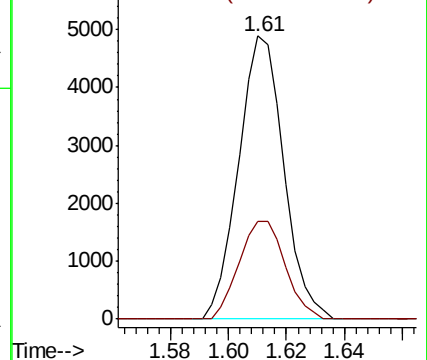
62 100

64 34.8 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 0.885 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU041235.D

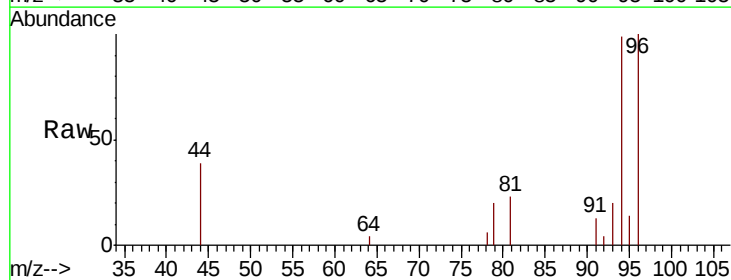
Acq: 16 Nov 2020 09:01

Tgt Ion: 94 Resp: 3054

Ion Ratio Lower Upper

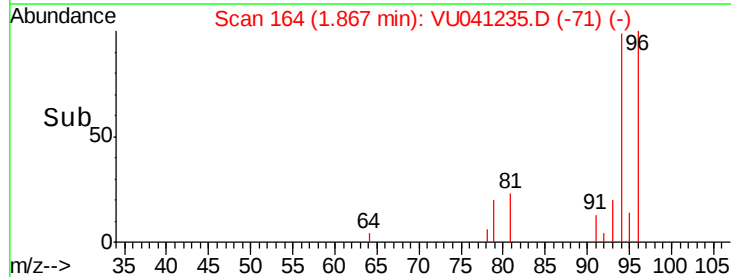
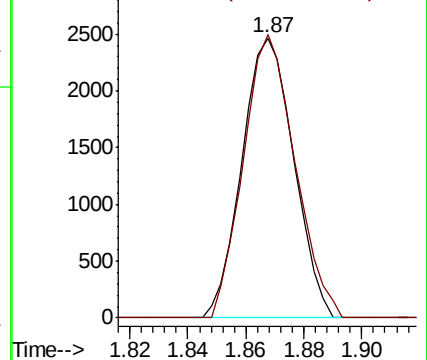
94 100

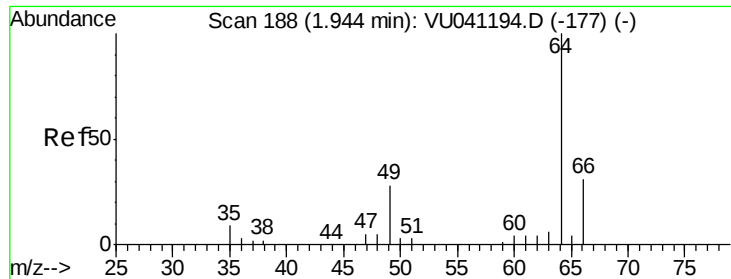
96 101.3 63.5 117.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

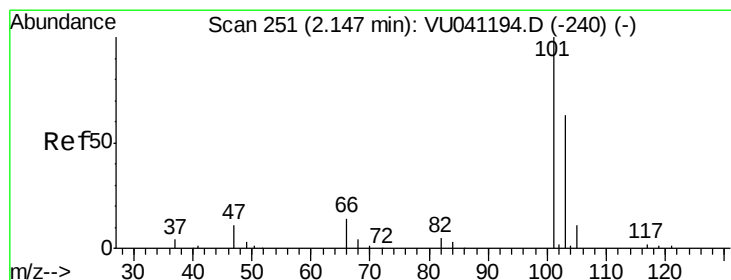
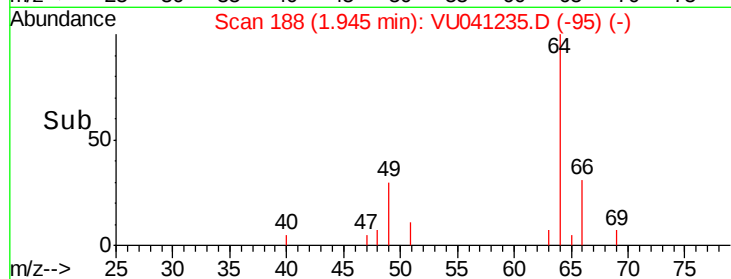
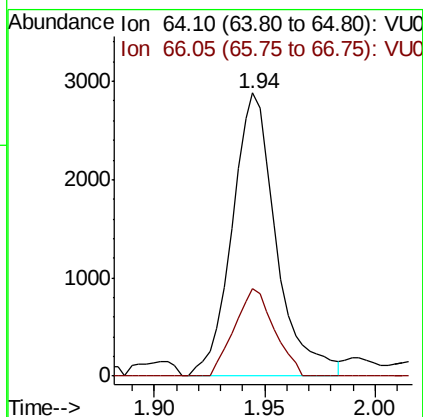
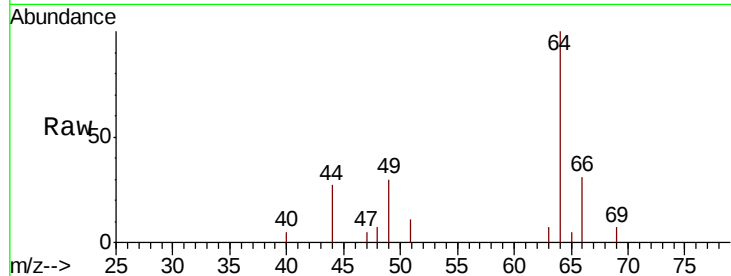




#8
Chloroethane
Concen: 1.052 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

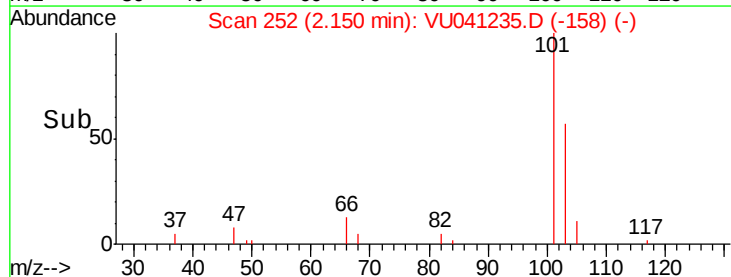
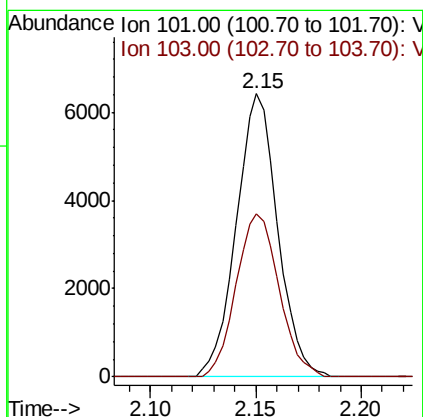
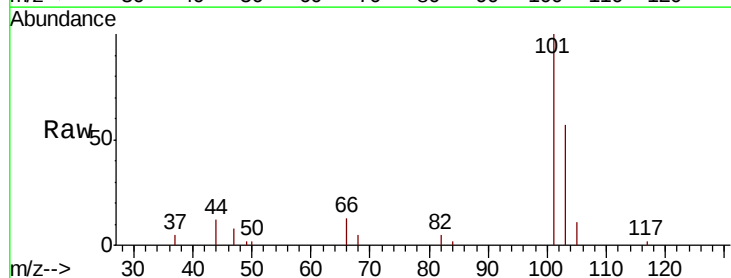
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

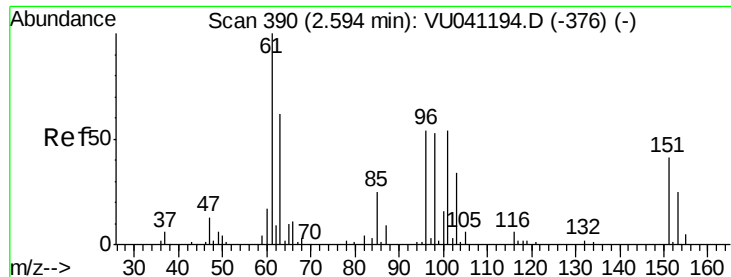
Tot Ion: 64 Resp: 4012
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 1.066 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 101 Resp: 8721
Ion Ratio Lower Upper
101 100
103 59.7 51.0 76.4





#10

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

Concen: 0.952 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

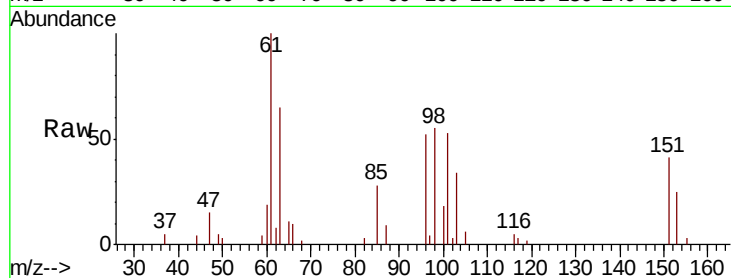
Tot Ion:101 Resp: 4567

Ion Ratio Lower Upper

101 100

85 47.6 35.0 52.4

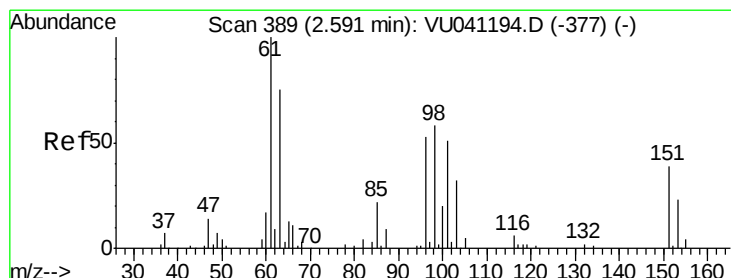
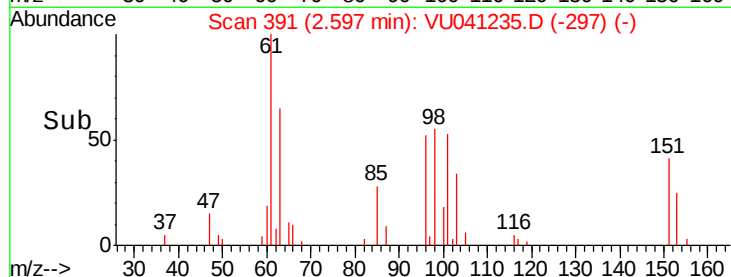
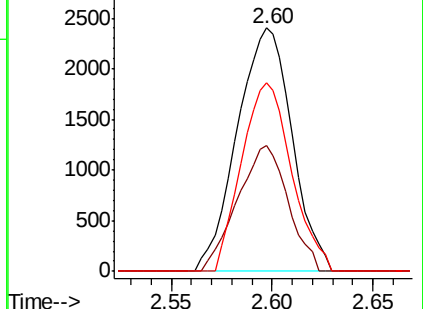
151 70.7 55.3 82.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.867 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.01 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

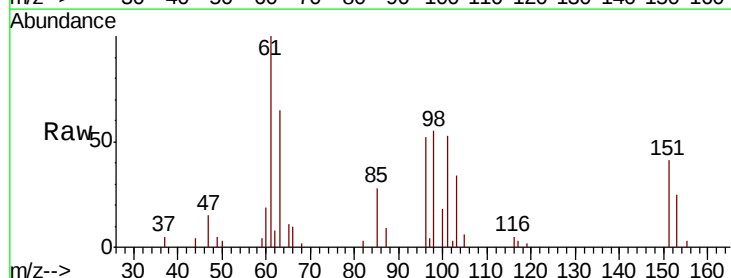
Tgt Ion: 96 Resp: 3927

Ion Ratio Lower Upper

96 100

61 191.4 134.3 249.5

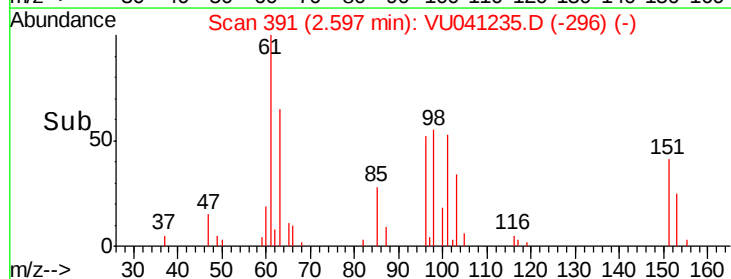
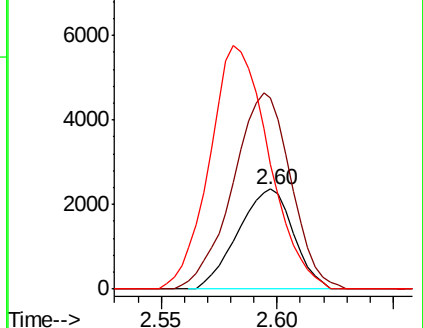
63 124.2 95.0 176.4

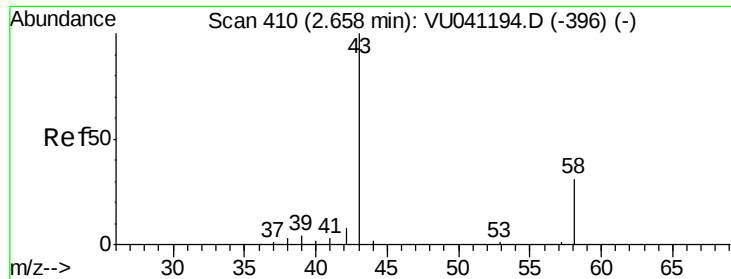


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 10.564 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

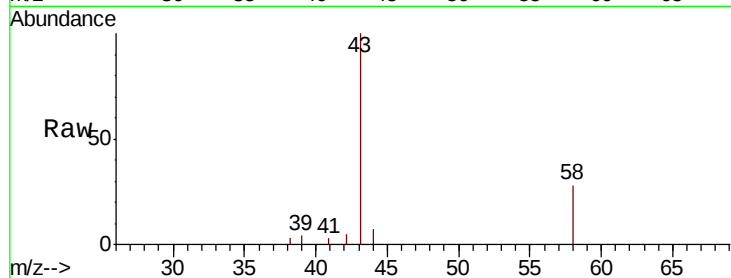
VSTD00103

Tot Ion: 43 Resp: 12809

Ion Ratio Lower Upper

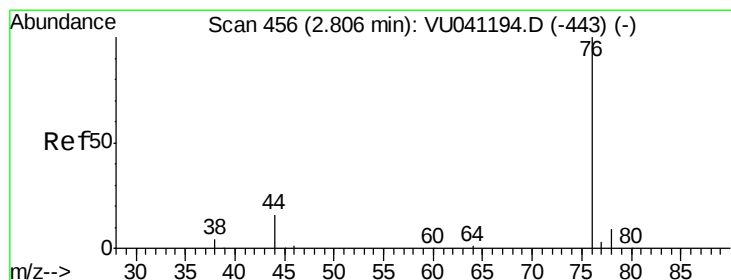
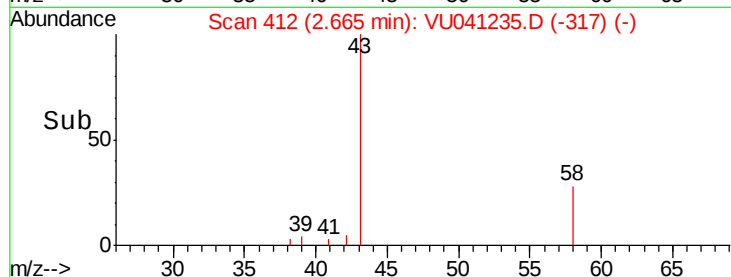
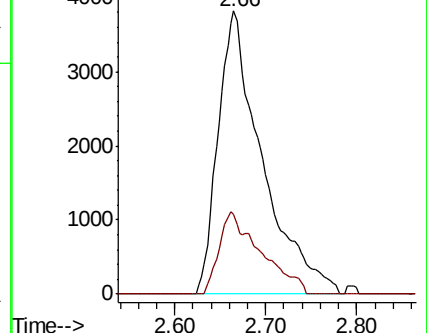
43 100

58 27.5 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU041194.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041194.D (-396) (-)



#14

Carbon disulfide

Concen: 0.814 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041235.D

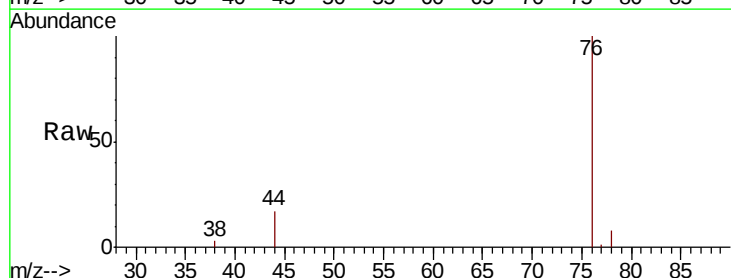
Acq: 16 Nov 2020 09:01

Tgt Ion: 76 Resp: 12312

Ion Ratio Lower Upper

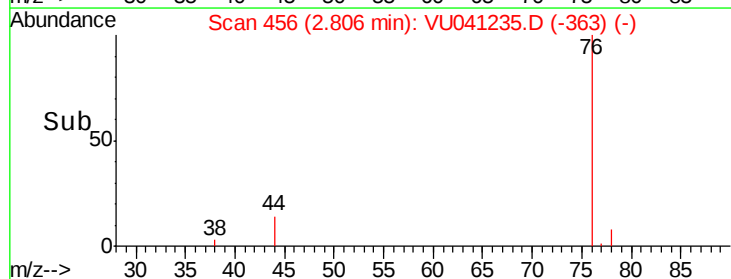
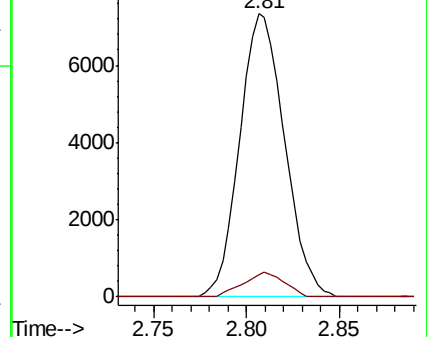
76 100

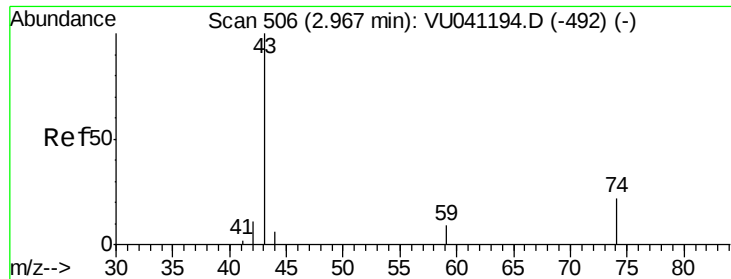
78 8.0 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU041194.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU041194.D (-443) (-)

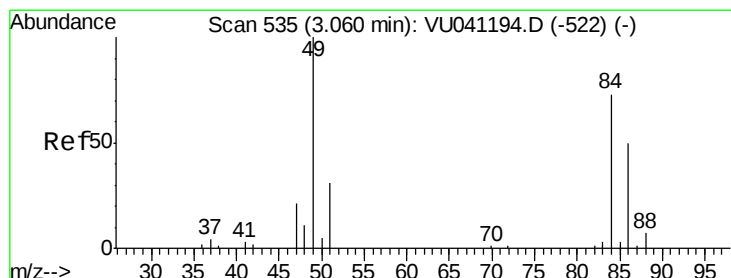
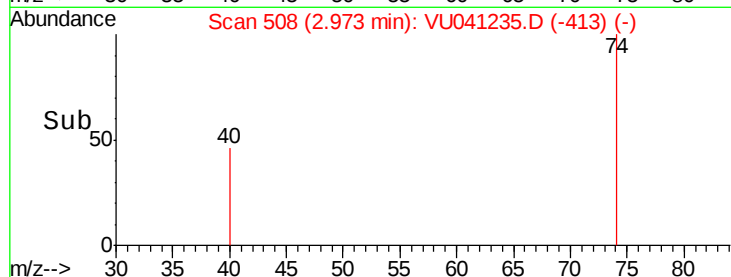
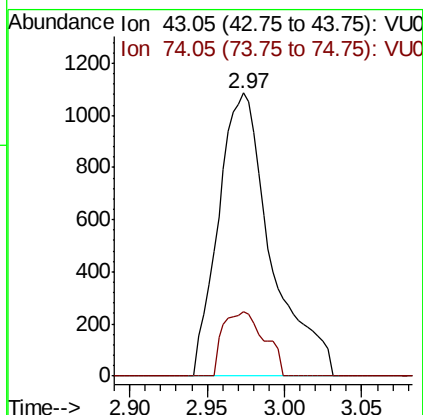
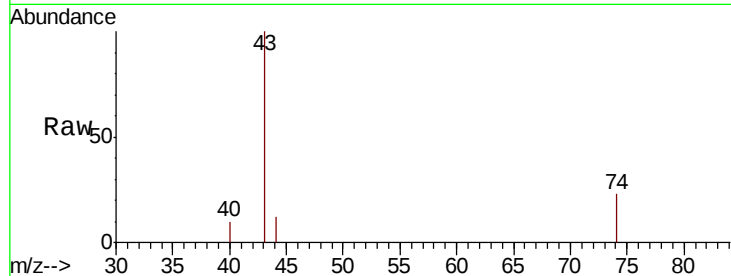




#15
Methvl Acetate
Concen: 0.923 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.01 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

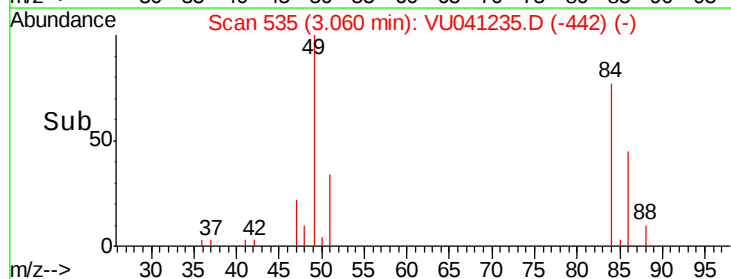
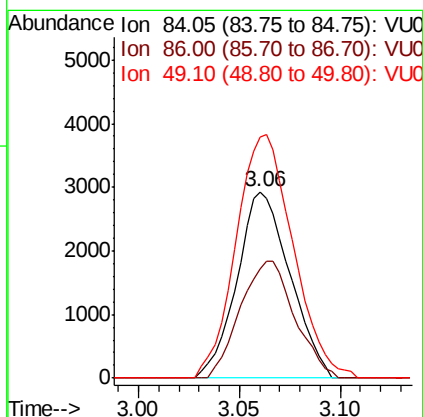
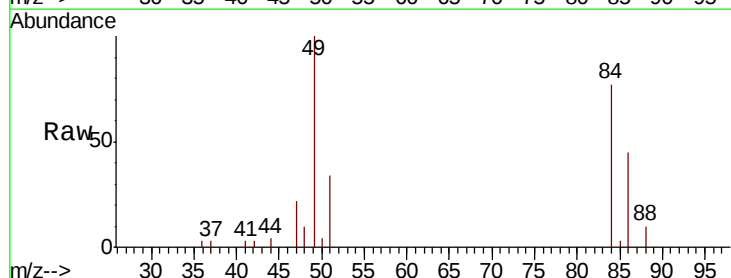
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

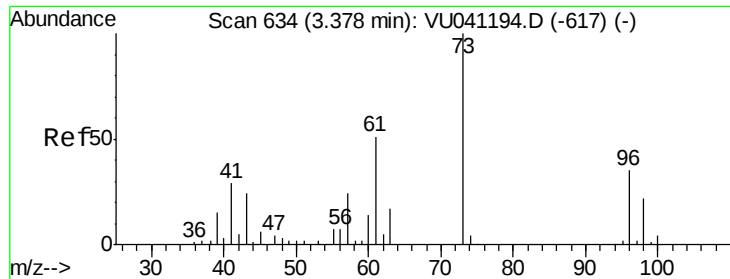
Tot Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
74 18.0 18.3 27.5#



#16
Methylene chloride
Concen: 1.020 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 84 Resp: 5384
Ion Ratio Lower Upper
84 100
86 58.4 42.8 79.6
49 129.6 99.5 184.7

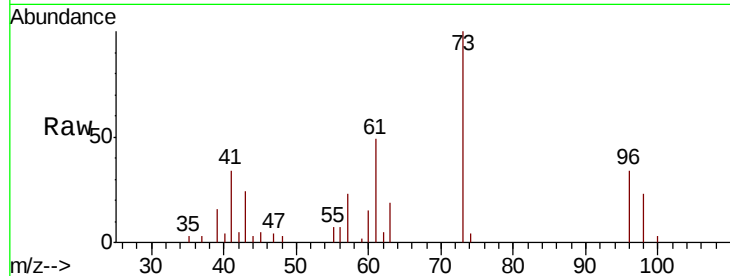




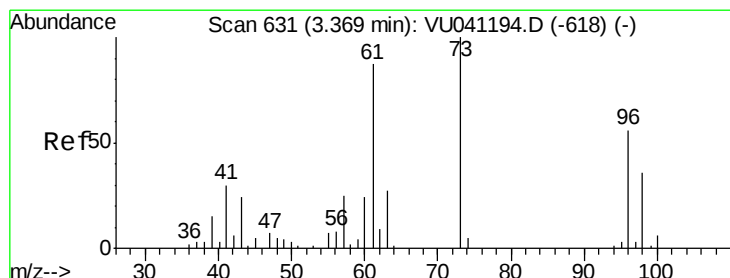
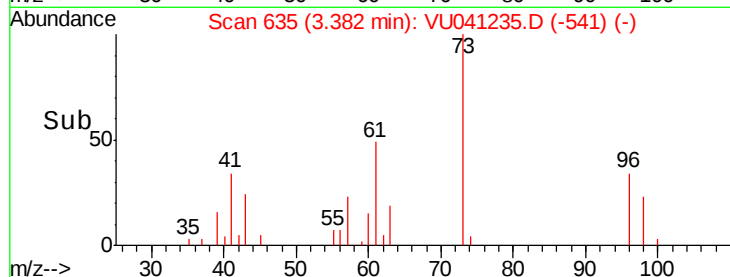
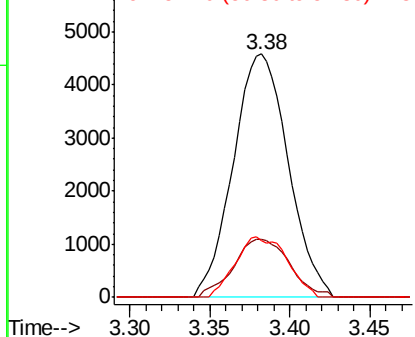
#17
Methvl tert-butvl Ether
Concen: 0.924 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

Tot Ion: 73 Resp: 10771
Ion Ratio Lower Upper
73 100
43 24.5 18.5 27.7
57 23.4 18.4 27.6

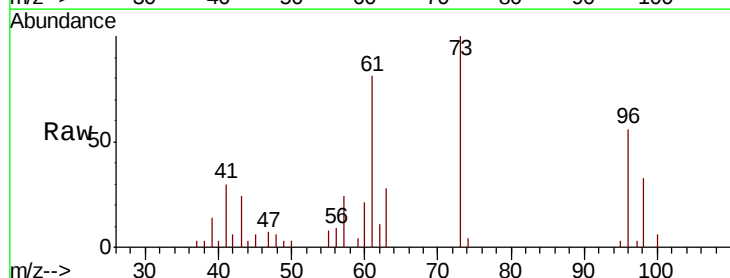


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

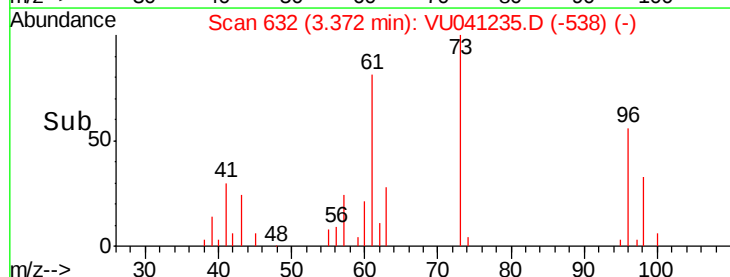
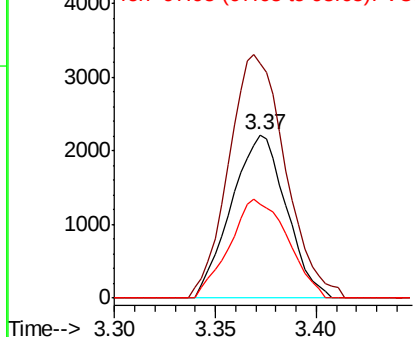


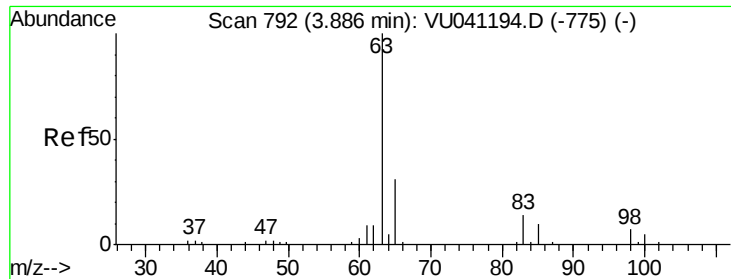
#18
trans-1,2-Dichloroethene
Concen: 0.916 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 96 Resp: 4216
Ion Ratio Lower Upper
96 100
61 143.8 110.9 205.9
98 57.6 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

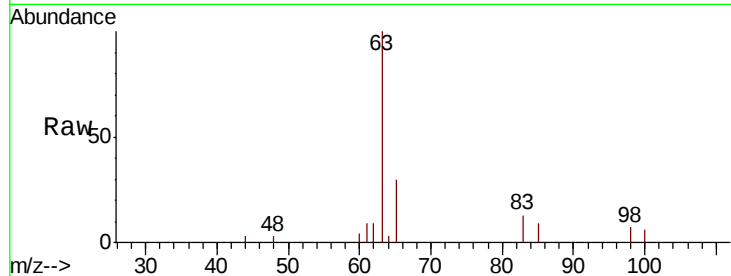




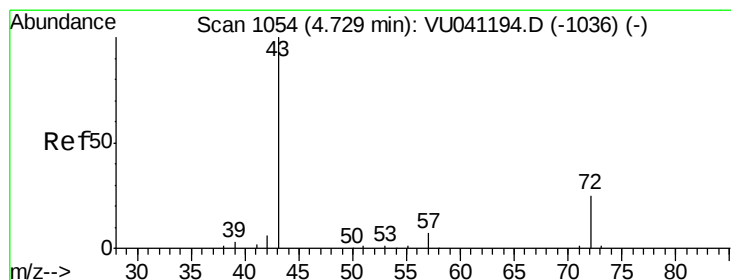
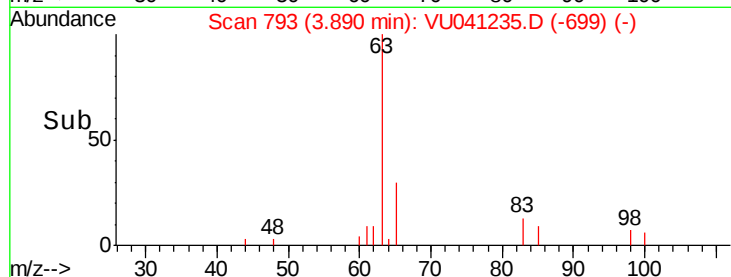
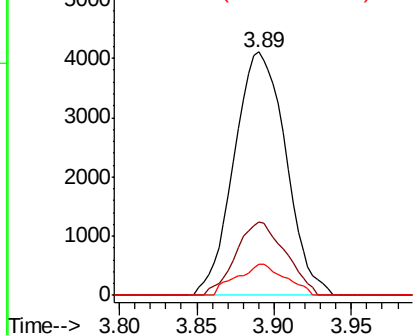
#19
 1,1-Dichloroethane
 Concen: 1.036 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tot Ion: 63 Resp: 9535
 Ion Ratio Lower Upper
 63 100
 65 30.2 21.3 39.6
 83 13.0 8.8 16.3

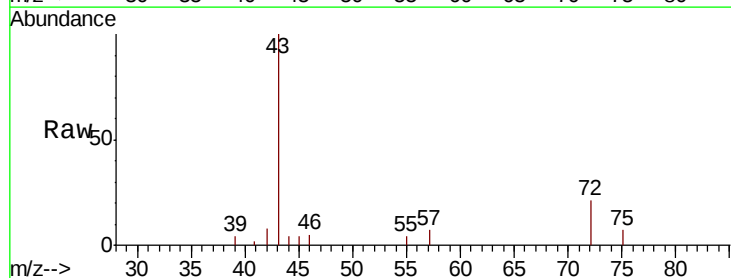


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

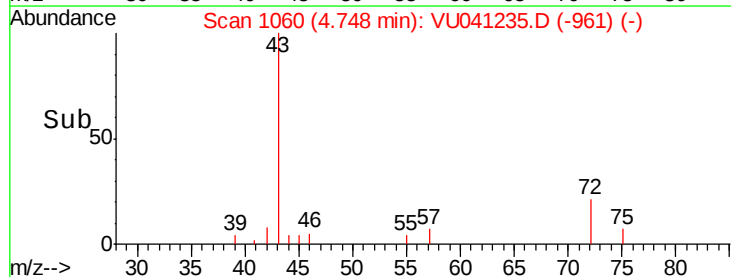
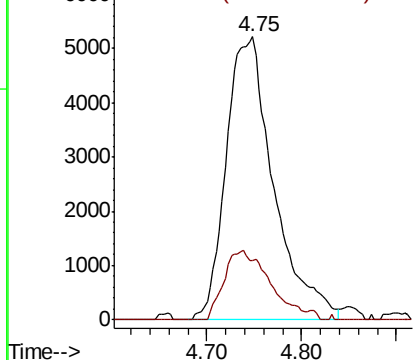


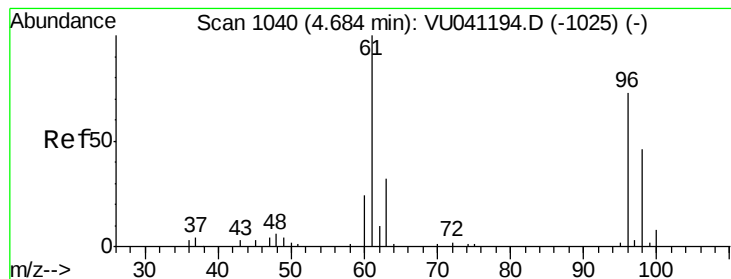
#21
 2-Butanone
 Concen: 9.610 ug/L
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.02 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Tgt Ion: 43 Resp: 18211
 Ion Ratio Lower Upper
 43 100
 72 23.5 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.863 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

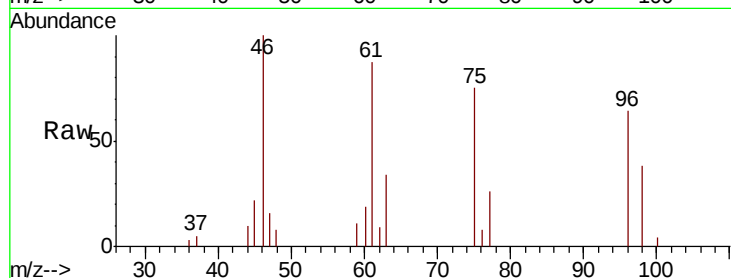
Tot Ion: 96 Resp: 4095

Ion Ratio Lower Upper

96 100

61 136.7 97.2 180.4

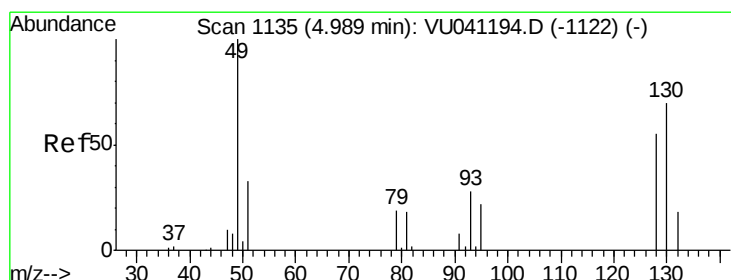
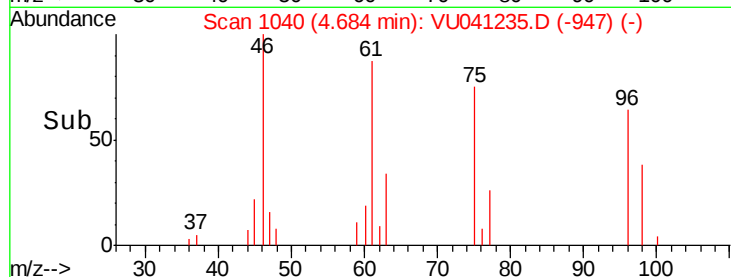
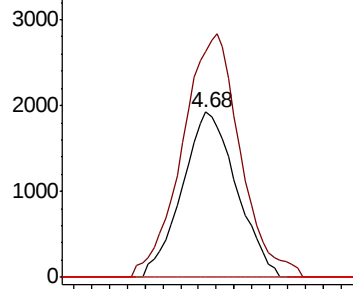
68 0.0 0.0 0.0



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: 1.031 ug/L

RT: 4.99 min Scan# 1135

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Tgt Ion:128 Resp: 2309

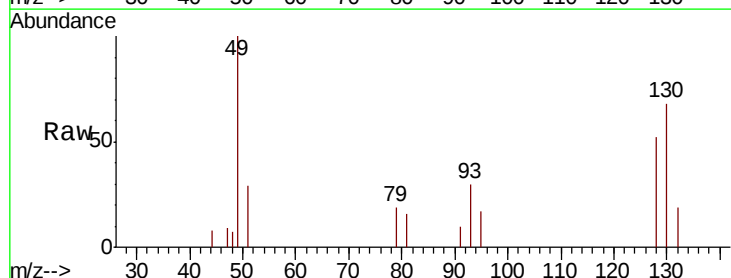
Ion Ratio Lower Upper

128 100

49 190.7 135.0 250.8

130 129.3 89.9 167.0

51 56.2 51.9 77.9

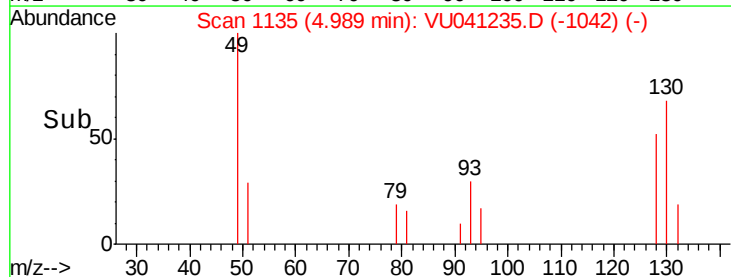
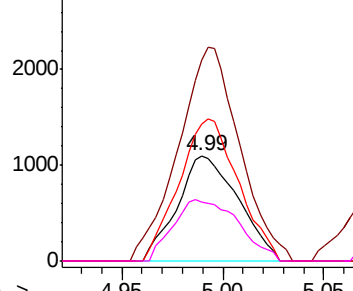


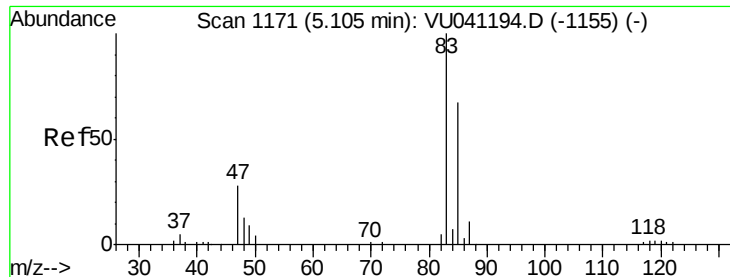
Abundance Ion 127.90 (127.60 to 128.60): V

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

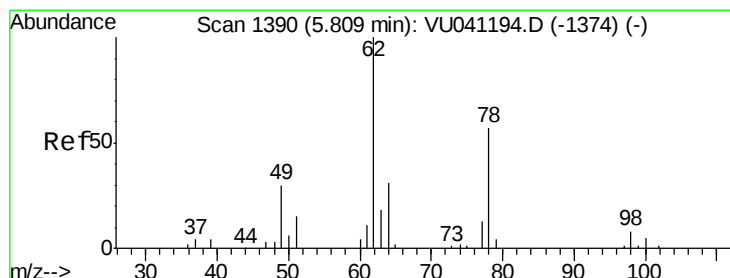
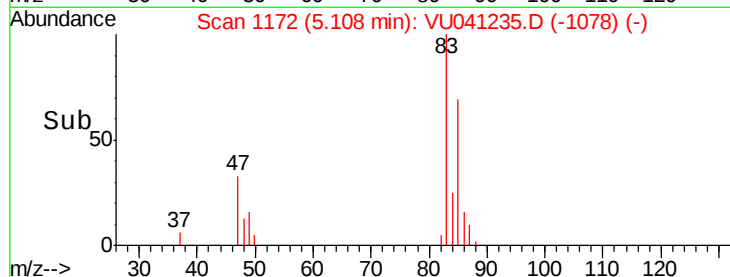
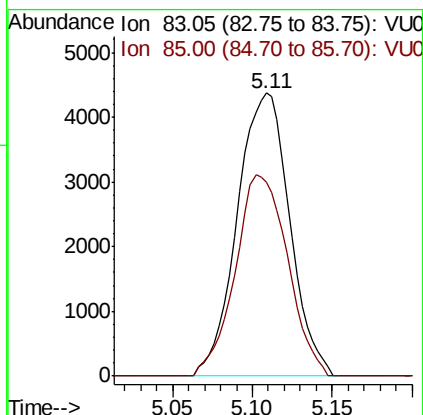
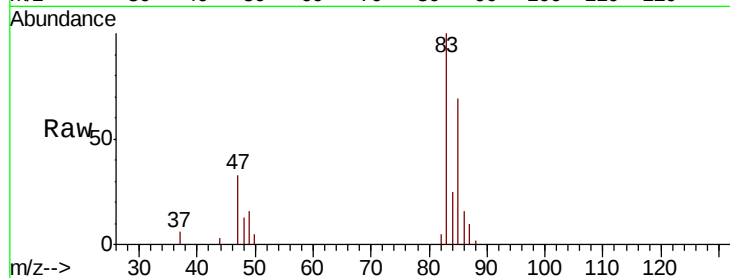




#25
Chloroform
Concen: 1.065 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

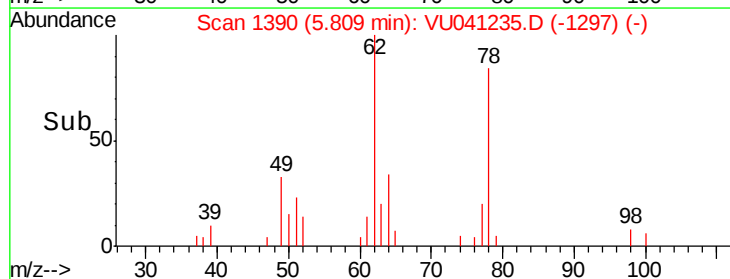
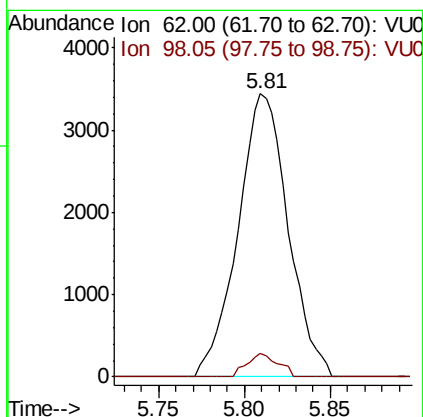
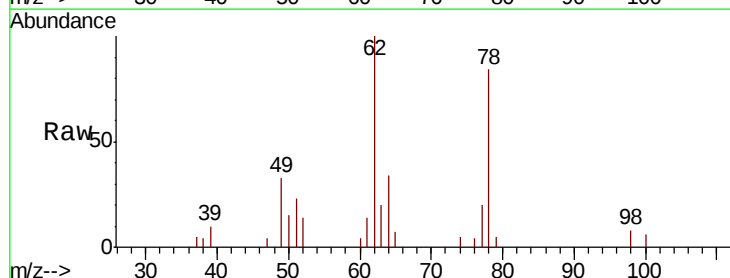
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

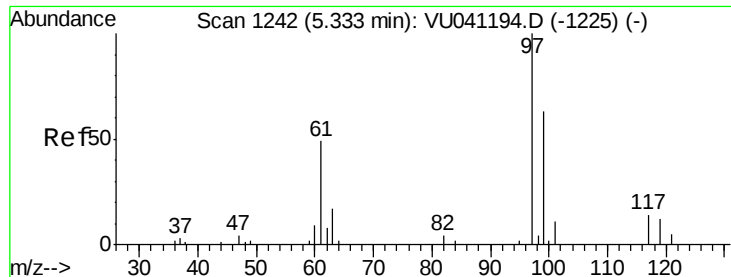
Tot Ion: 83 Resp: 9824
Ion Ratio Lower Upper
83 100
85 68.6 46.1 85.7



#27
1,2-Dichloroethane
Concen: 1.014 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 62 Resp: 6965
Ion Ratio Lower Upper
62 100
98 8.2 7.6 11.4

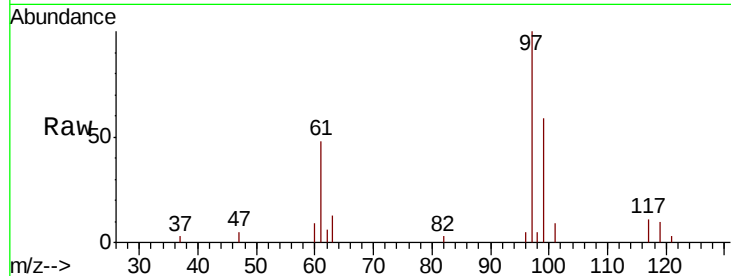




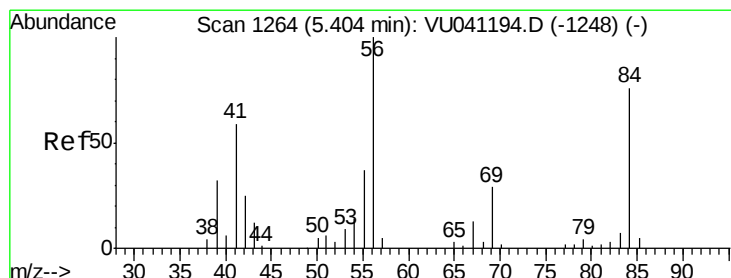
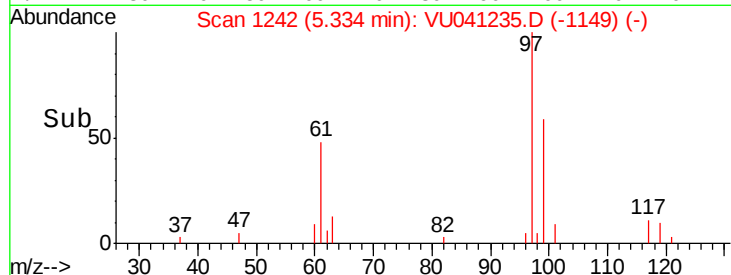
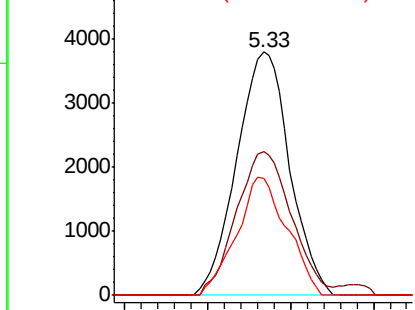
#29
1,1,1-Trichloroethane
Concen: 0.941 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

Tot Ion: 97 Resp: 8420
Ion Ratio Lower Upper
97 100
99 61.5 53.4 80.0
61 46.0 41.6 62.4

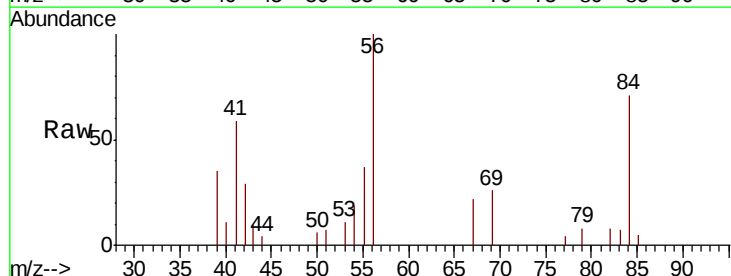


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

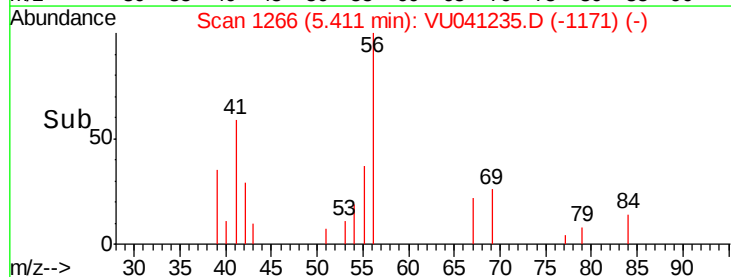
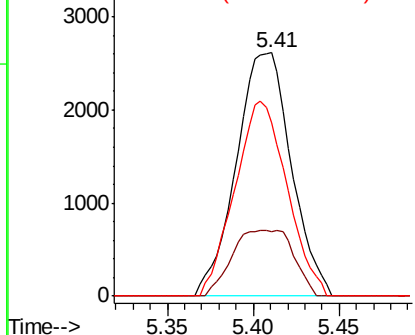


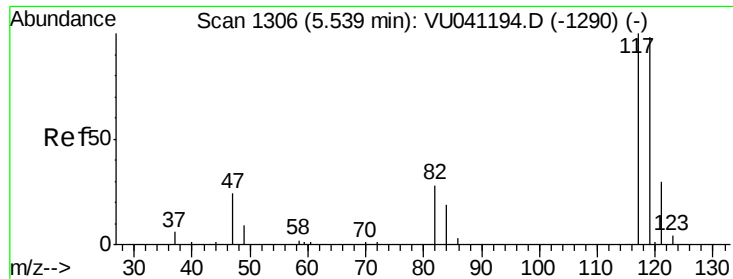
#30
Cyclohexane
Concen: 0.661 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 56 Resp: 5823
Ion Ratio Lower Upper
56 100
69 30.1 22.8 34.2
84 75.9 63.6 95.4



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

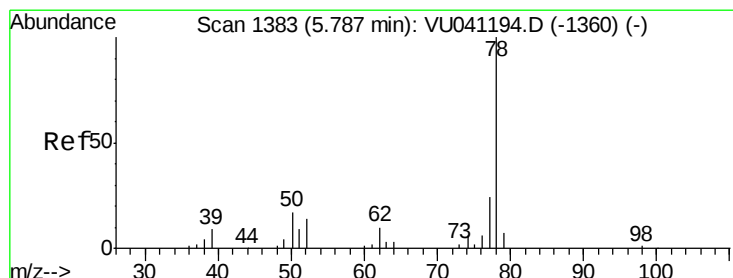
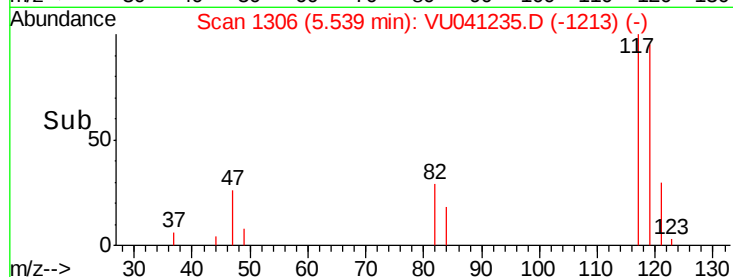
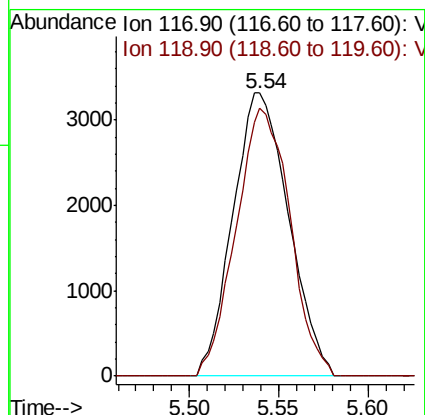
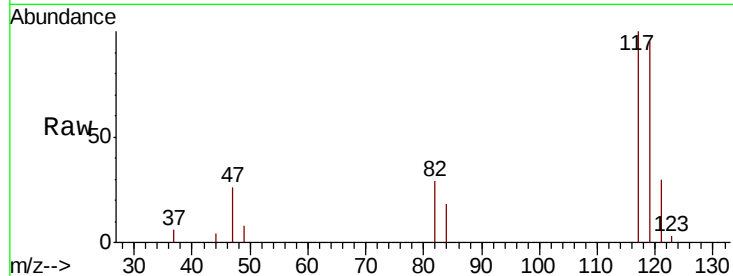




#31
Carbon tetrachloride
Concen: 0.910 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

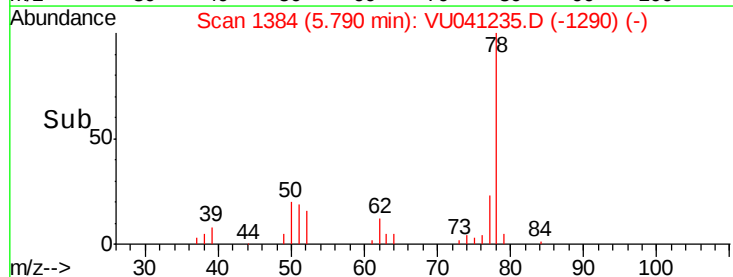
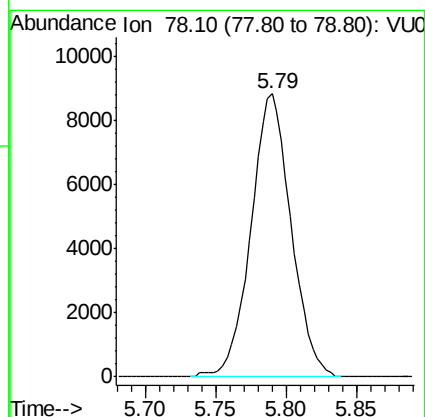
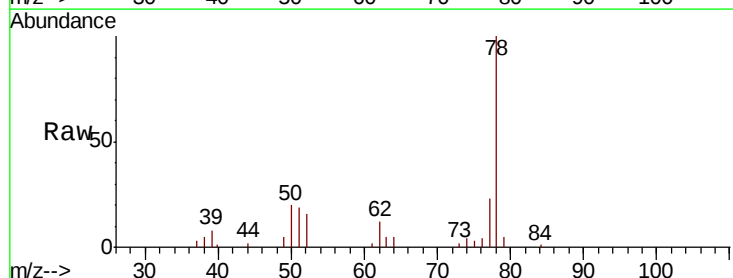
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

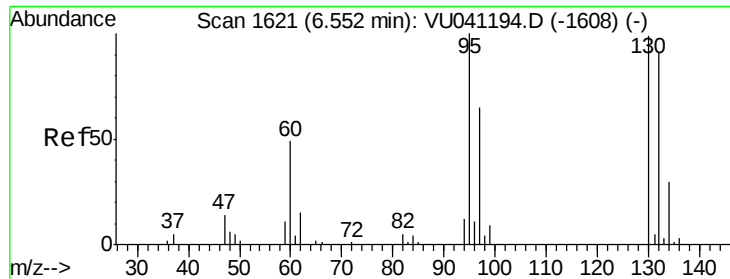
Tot Ion:117 Resp: 7212
Ion Ratio Lower Upper
117 100
119 91.6 76.1 114.1



#33
Benzene
Concen: 0.801 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 78 Resp: 17516

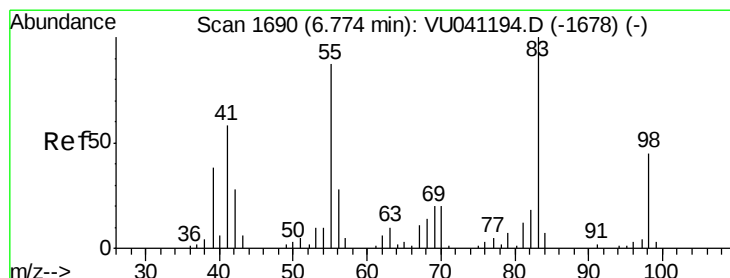
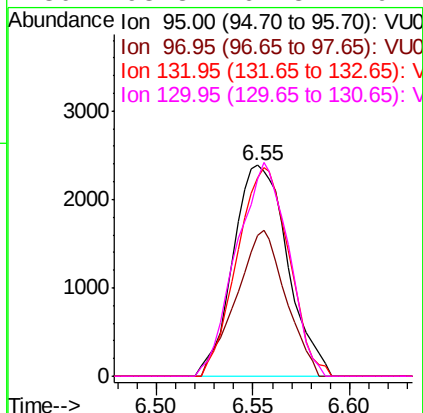
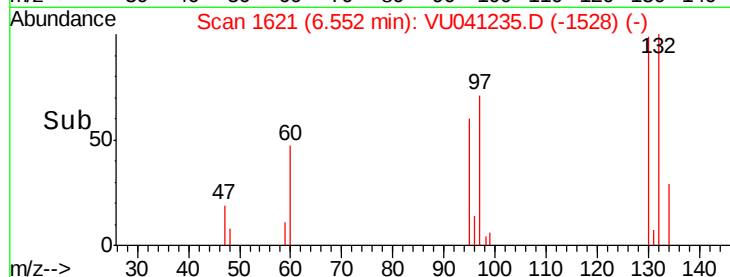
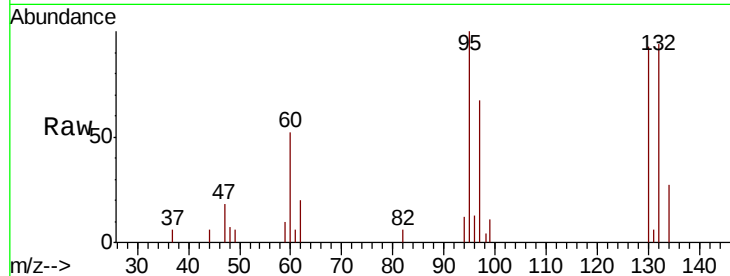




#34
 Trichloroethene
 Concen: 0.840 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

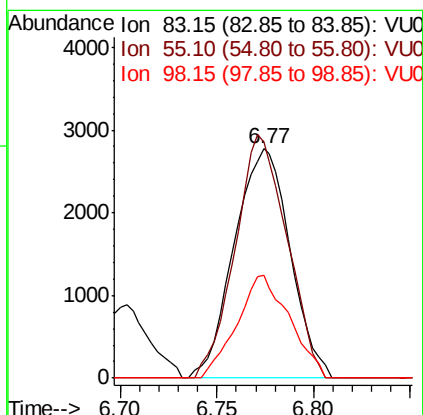
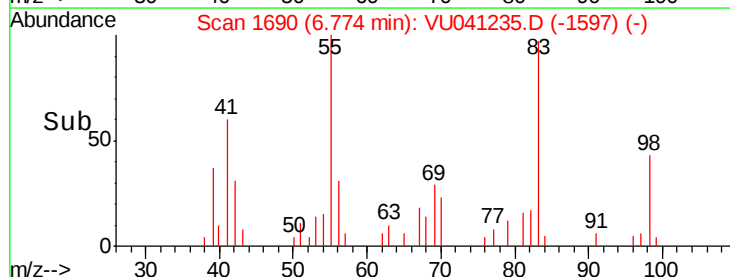
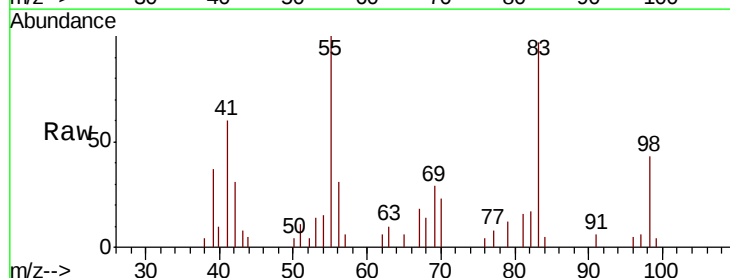
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

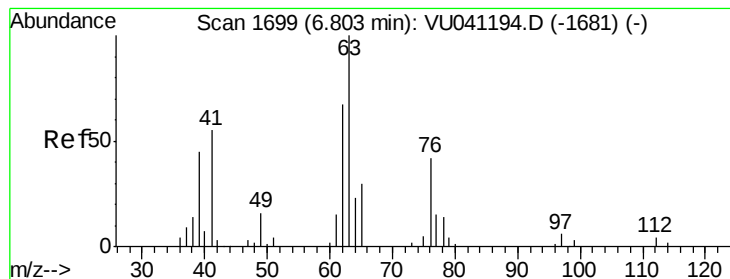
Tot Ion: 95 Resp: 4675
 Ion Ratio Lower Upper
 95 100
 97 67.0 45.6 84.6
 132 94.1 64.8 120.4
 130 93.3 64.8 120.4



#35
 Methylcyclohexane
 Concen: 0.671 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Tgt Ion: 83 Resp: 5563
 Ion Ratio Lower Upper
 83 100
 55 98.4 72.0 108.0
 98 42.4 36.6 55.0





#37

1,2-Dichloropropane

Concen: 0.933 ug/L

RT: 6.80 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

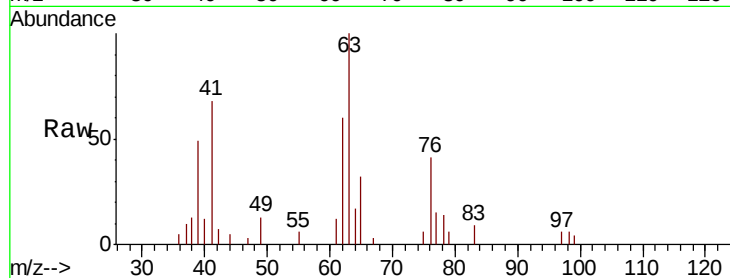
VSTD00103

Tot Ion: 63 Resp: 5515

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041194.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU041194.D (-1681) (-)

6.80

3000

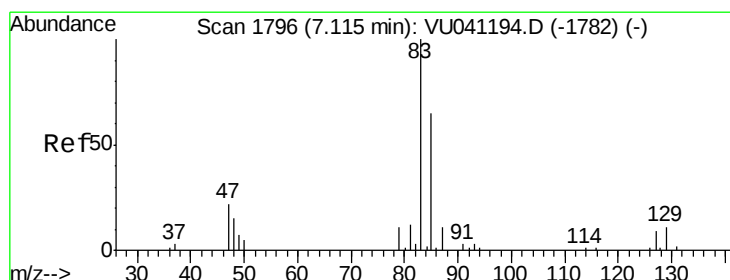
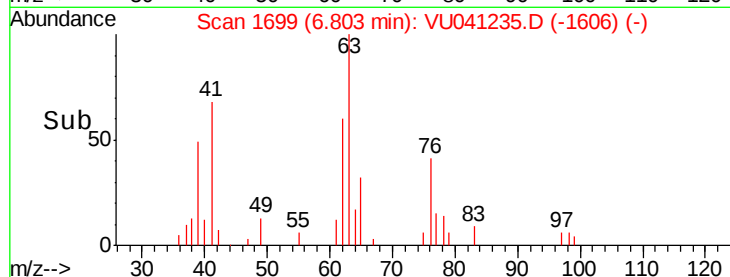
2000

1000

0

6.75 6.80 6.85

Time-->



#38

Bromodichloromethane

Concen: 0.917 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

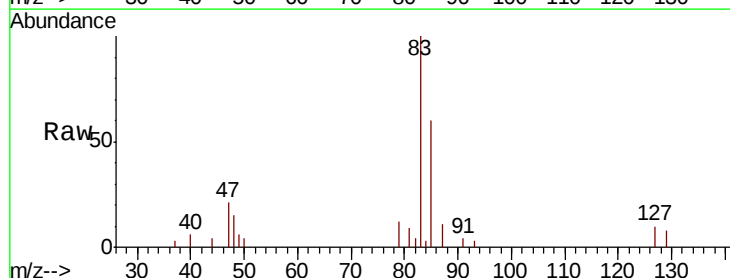
Tgt Ion: 83 Resp: 7036

Ion Ratio Lower Upper

83 100

85 59.6 43.3 80.3

127 10.0 5.9 8.9#



Abundance Ion 82.95 (82.65 to 83.65): VU041194.D (-1782) (-)

Ion 85.00 (84.70 to 85.70): VU041194.D (-1782) (-)

Ion 126.90 (126.60 to 127.60): VU041194.D (-1782) (-)

7.11

5000

4000

3000

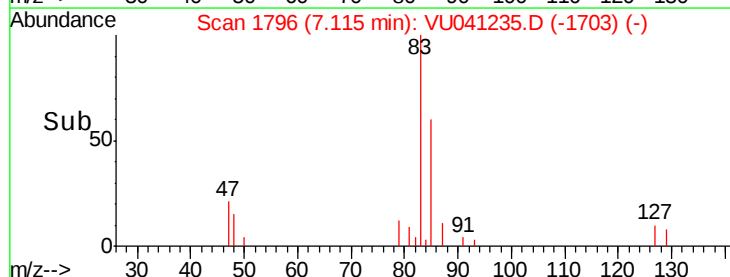
2000

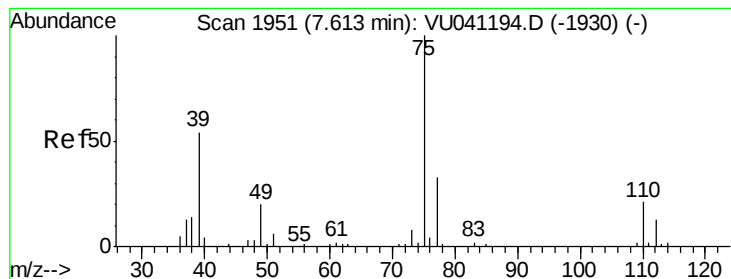
1000

0

7.05 7.10 7.15

Time-->



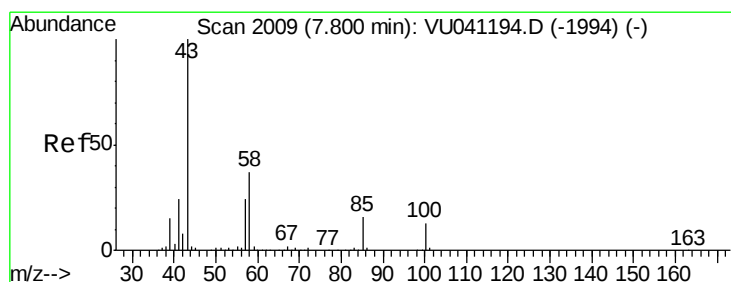
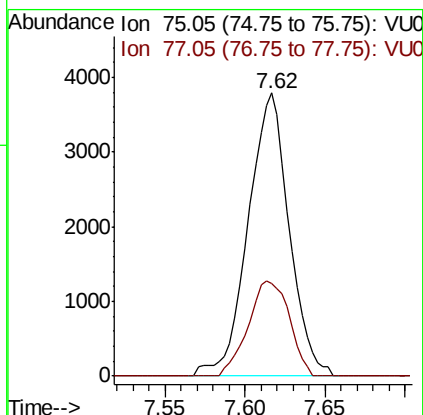
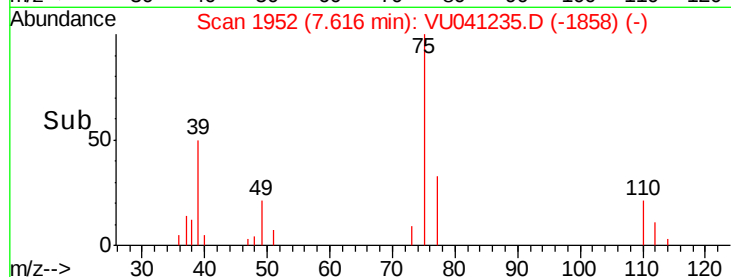
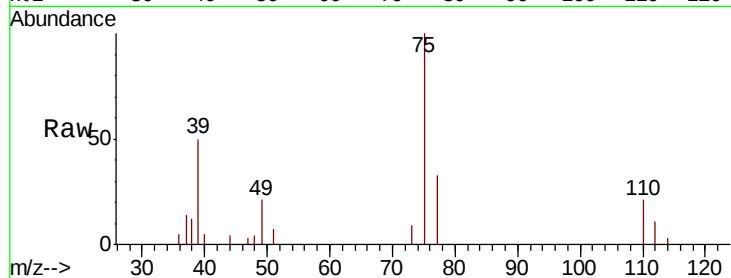


#39

cis-1,3-Dichloropropene
 Concen: 0.816 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

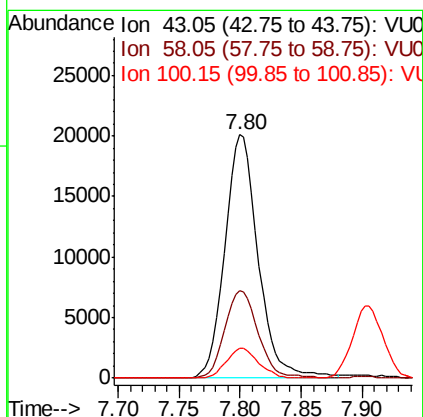
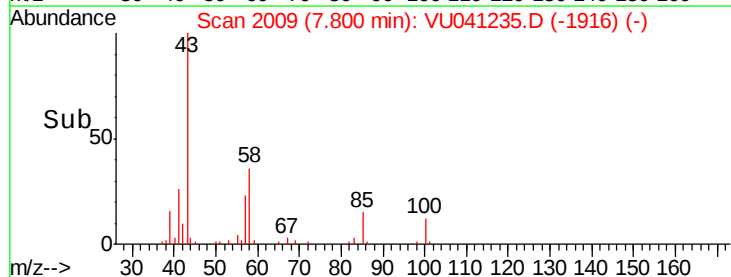
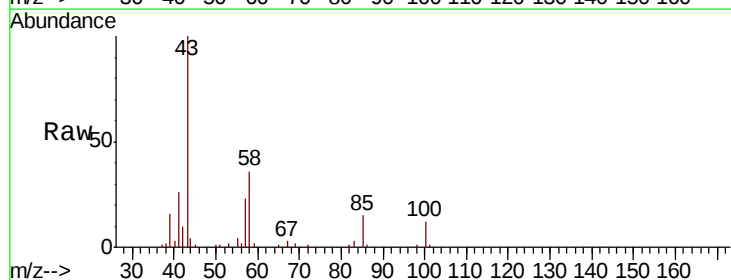
Tot Ion: 75 Resp: 6643
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.7 42.3

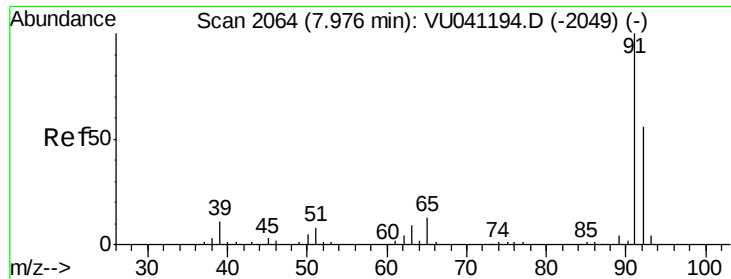


#40

4-Methyl-2-pentanone
 Concen: 8.136 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Tgt Ion: 43 Resp: 38364
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.8 44.6
 100 11.7 10.5 15.7





#42

Toluene

Concen: 0.781 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

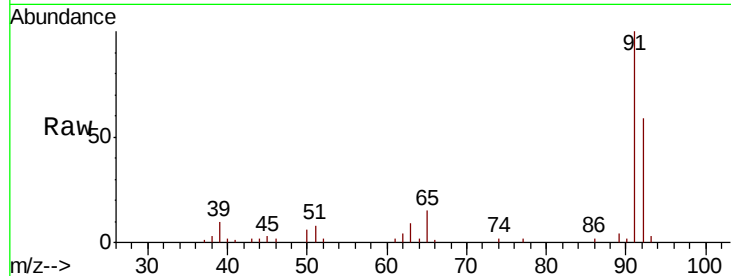
VSTD00103

Tot Ion: 91 Resp: 17318

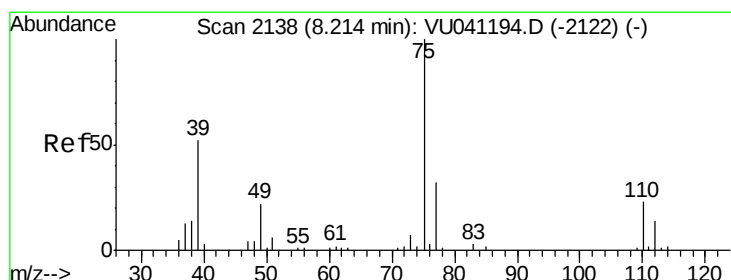
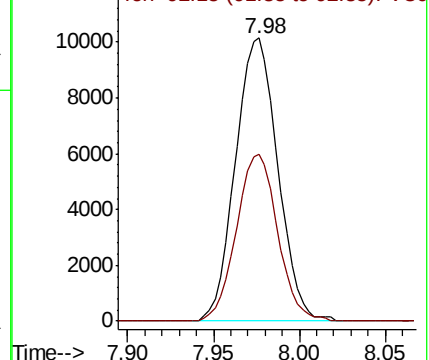
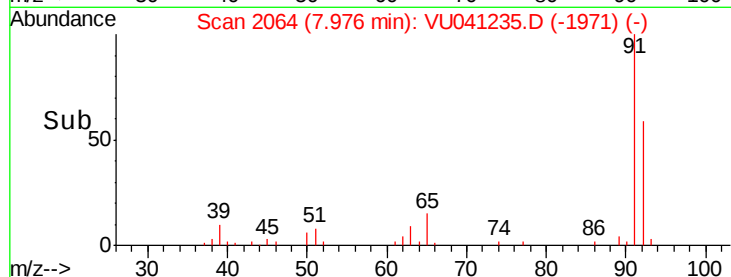
Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041235.D (-1971) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU041235.D

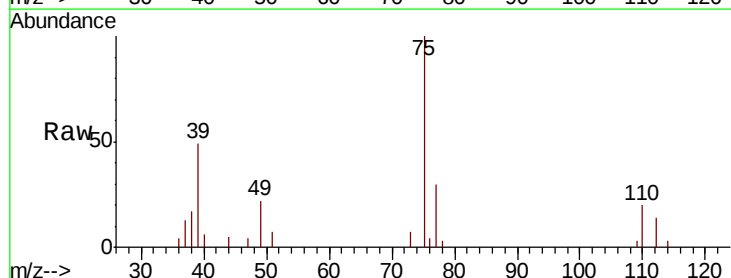
Acq: 16 Nov 2020 09:01

Tgt Ion: 75 Resp: 6242

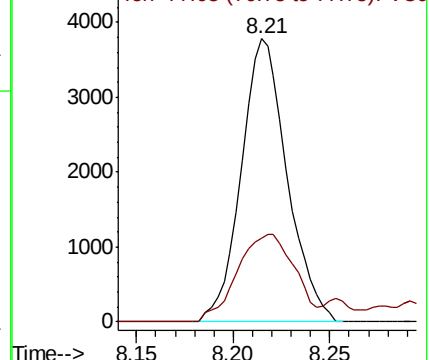
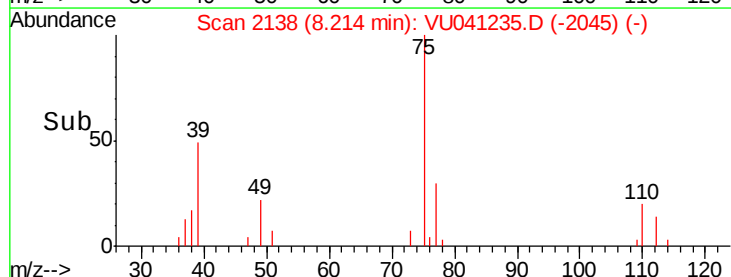
Ion Ratio Lower Upper

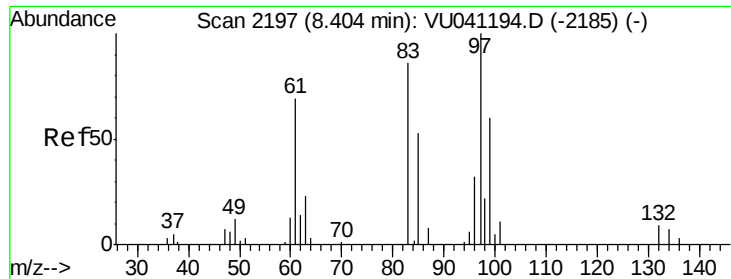
75 100

77 29.5 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU041235.D (-2045) (-)

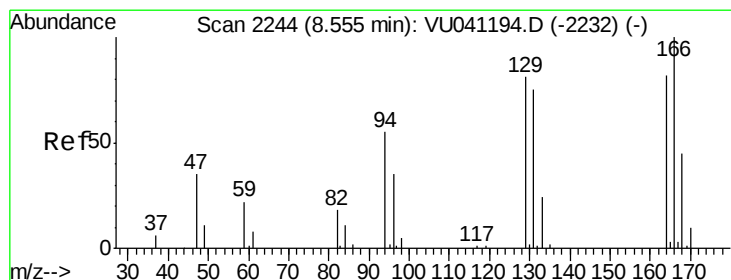
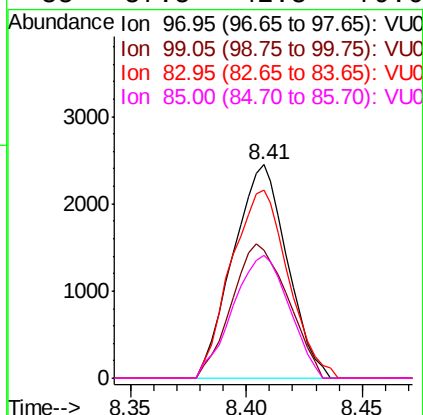
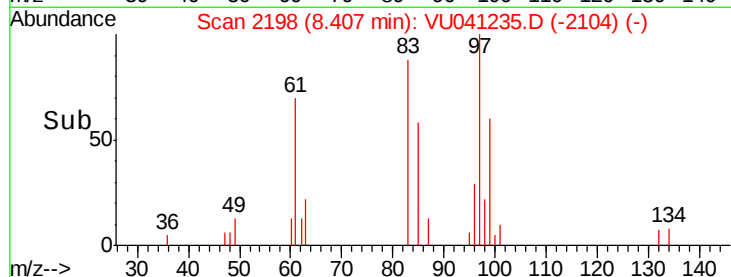
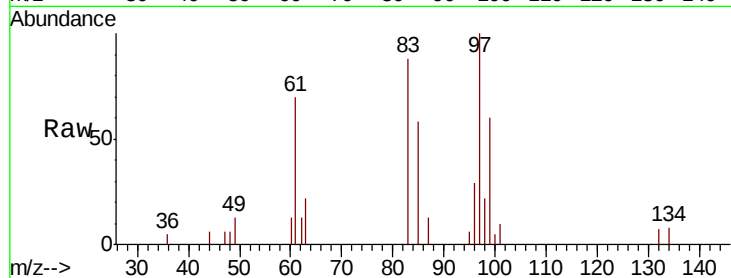




#45
 1,1,2-Trichloroethane
 Concen: 0.903 ug/L
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

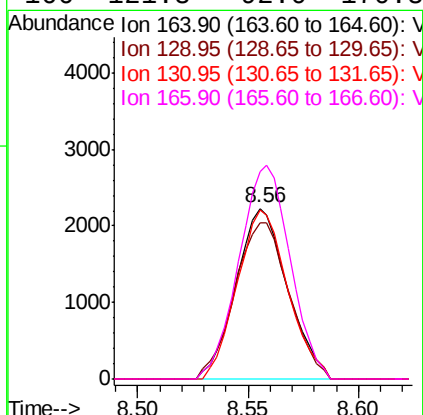
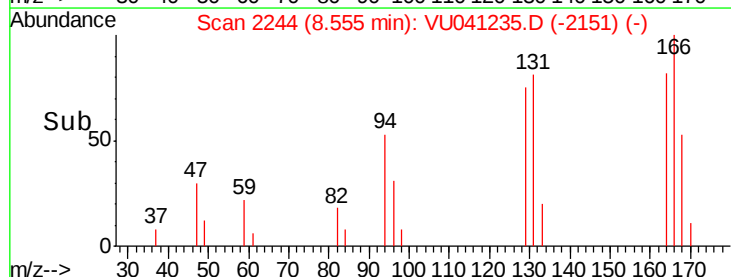
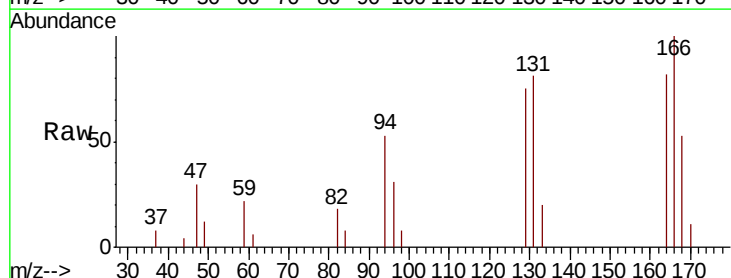
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

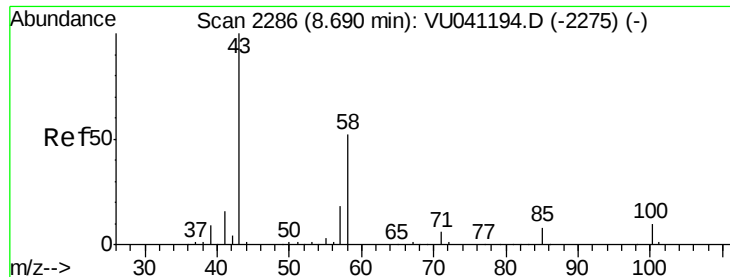
Tot Ion:	97	Resp:	3975
Ion	Ratio	Lower	Upper
97	100		
99	60.2	45.8	85.2
83	88.4	67.9	126.1
85	57.5	42.8	79.6



#47
 Tetrachloroethene
 Concen: 0.880 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Tgt Ion:	164	Resp:	3600
Ion	Ratio	Lower	Upper
164	100		
129	91.7	70.3	130.7
131	98.9	70.8	131.4
166	121.8	92.0	170.8

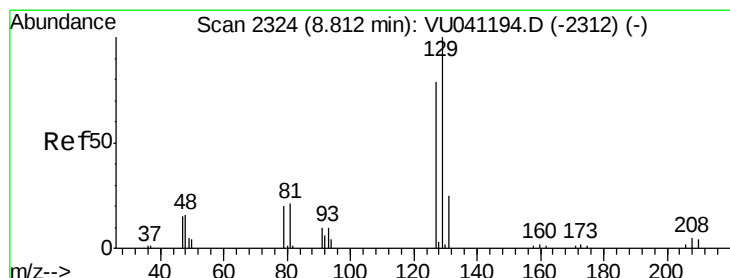
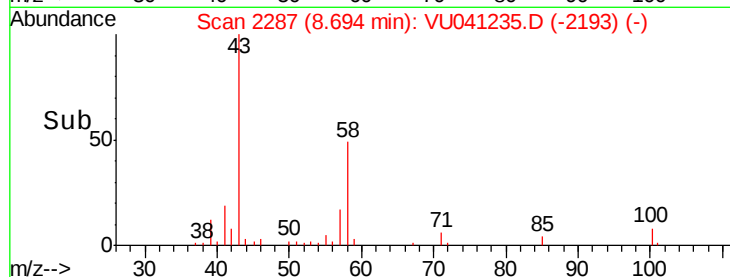
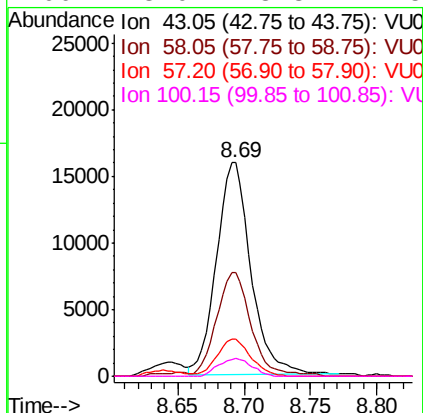
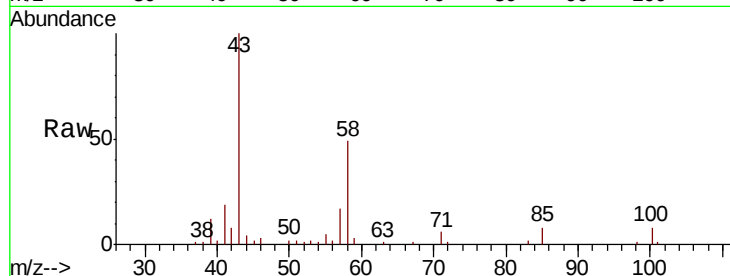




#48
2-Hexanone
Concen: 8.124 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

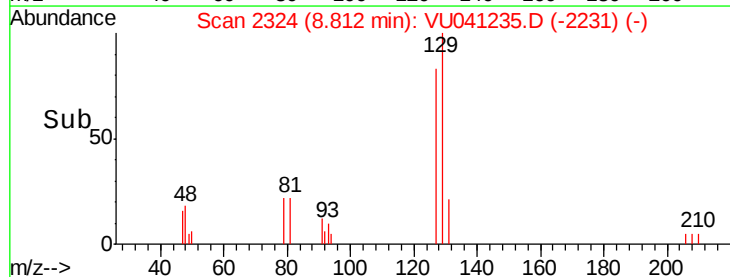
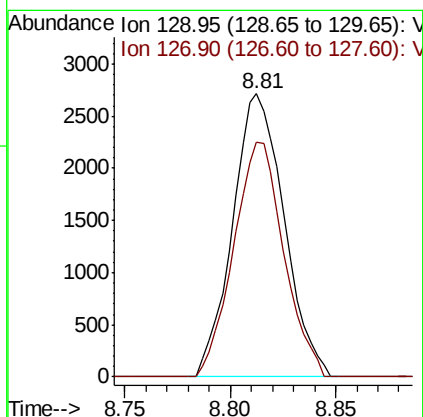
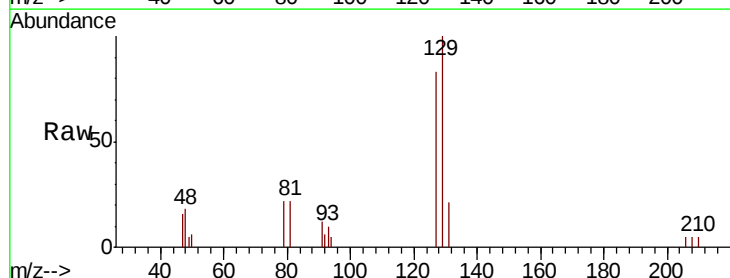
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

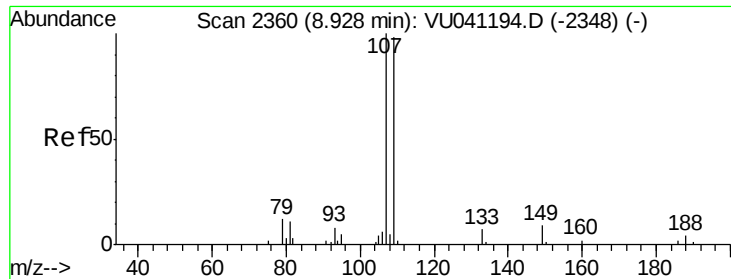
Tot Ion: 43 Resp: 28844
Ion Ratio Lower Upper
43 100
58 49.1 41.4 62.2
57 17.1 14.6 21.8
100 8.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 0.899 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 129 Resp: 4597
Ion Ratio Lower Upper
129 100
127 82.9 53.4 99.2

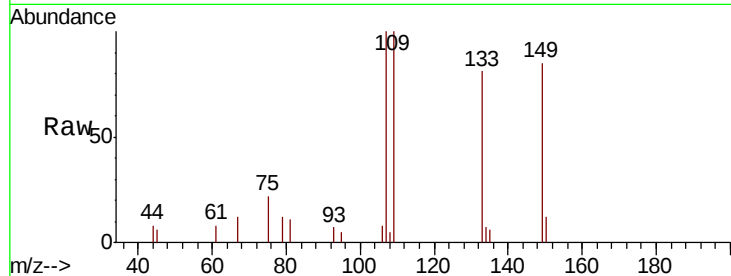




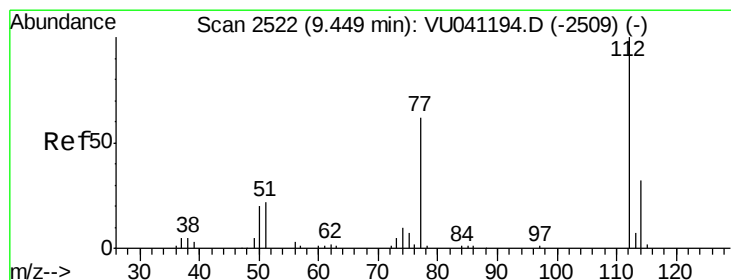
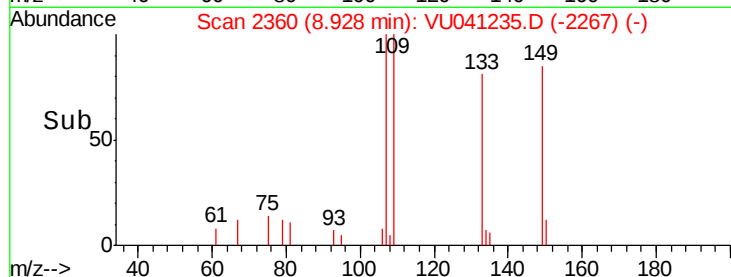
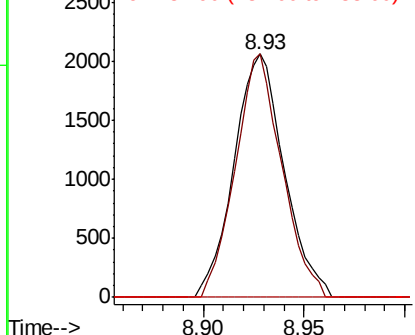
#50
 1,2-Dibromoethane
 Concen: 0.855 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tot Ion:107 Resp: 3587
 Ion Ratio Lower Upper
 107 100
 109 99.8 65.6 121.8
 188 0.0 2.9 4.3#

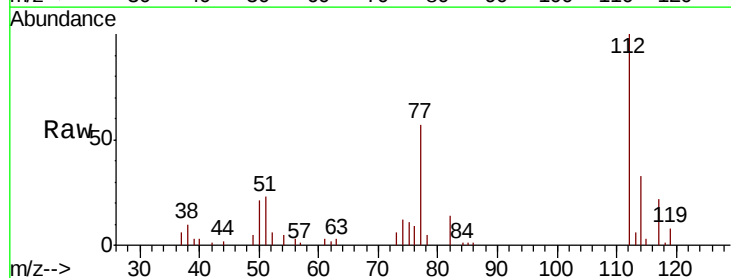


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

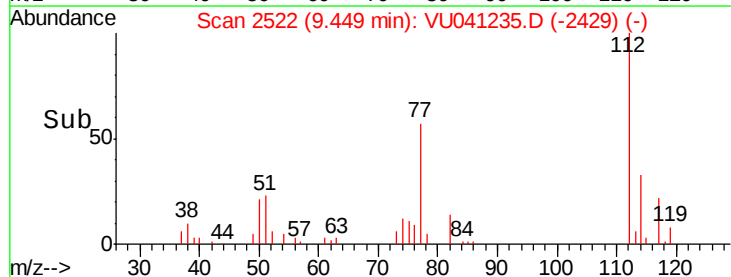
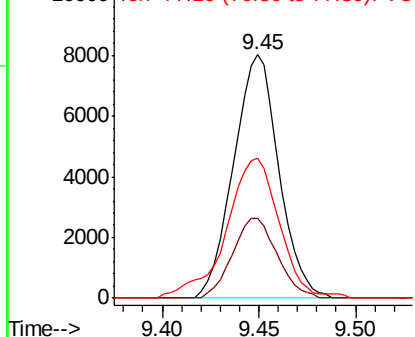


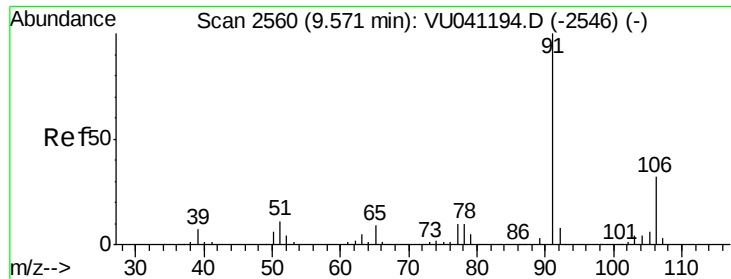
#51
 Chlorobenzene
 Concen: 0.928 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Tgt Ion:112 Resp: 13048
 Ion Ratio Lower Upper
 112 100
 114 32.6 22.4 41.6
 77 57.5 51.2 76.8



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): VU

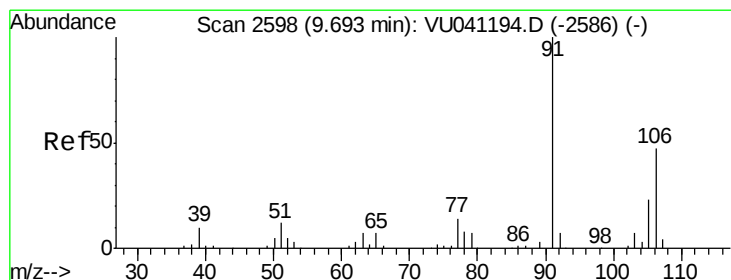
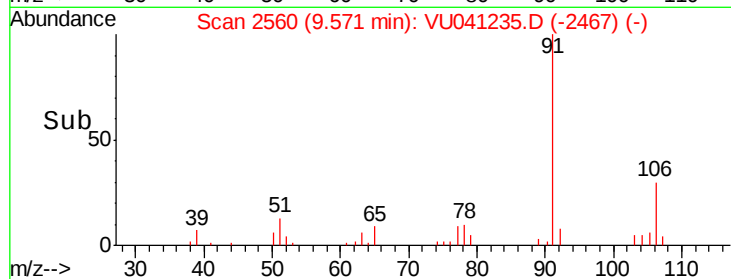
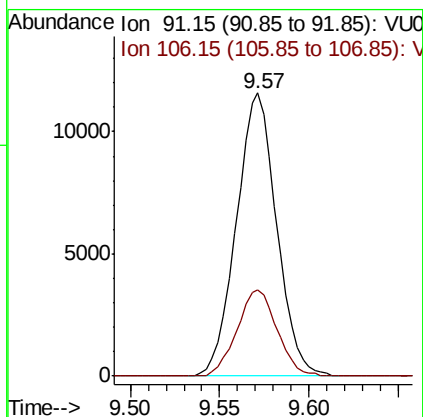
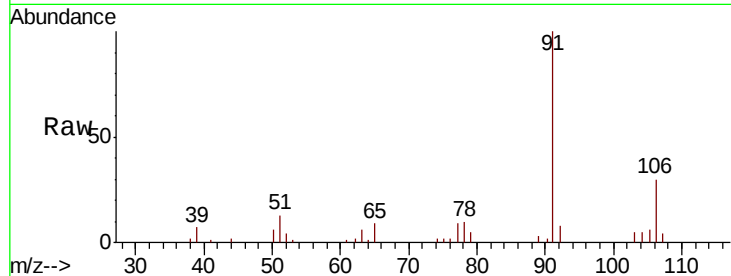




#52
Ethylbenzene
Concen: 0.783 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

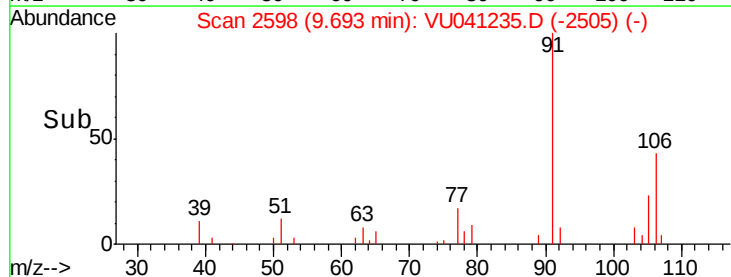
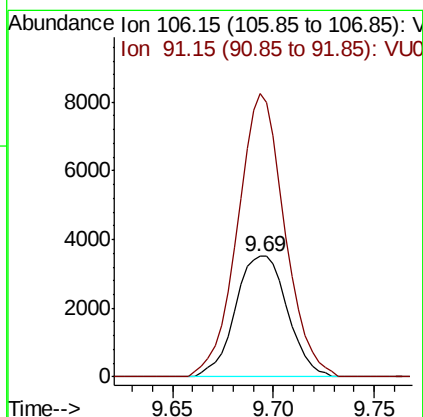
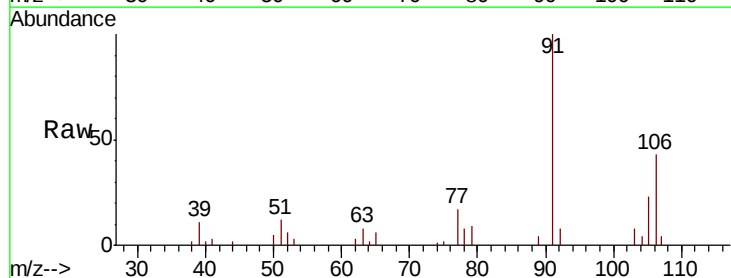
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

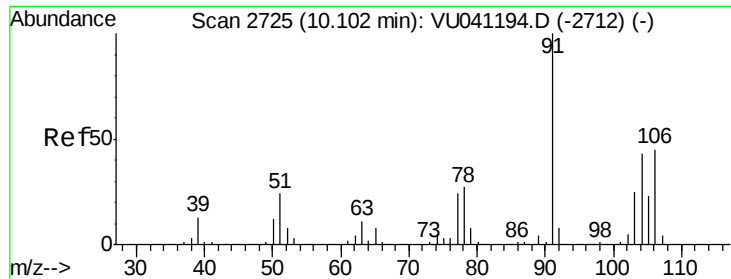
Tot Ion: 91 Resp: 18262
Ion Ratio Lower Upper
91 100
106 30.3 21.0 39.0



#53
m,p-Xylene
Concen: 0.745 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion: 106 Resp: 6338
Ion Ratio Lower Upper
106 100
91 235.3 150.9 280.3

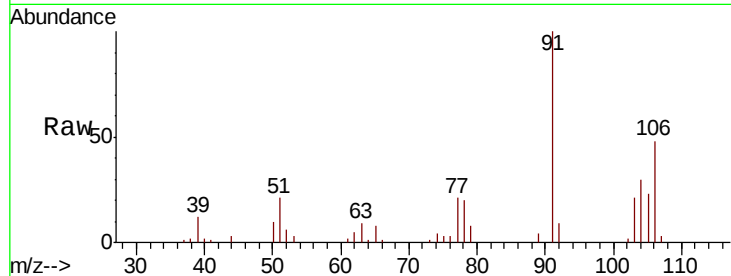




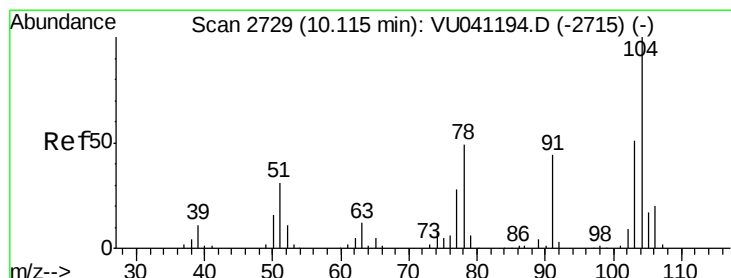
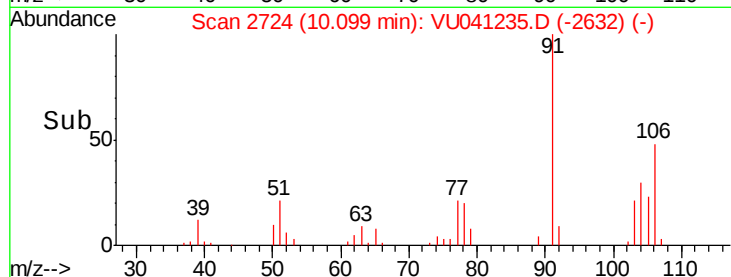
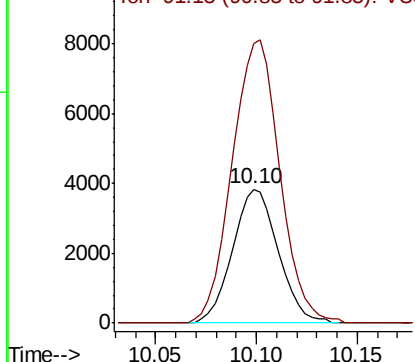
#54
o-Xylene
Concen: 0.768 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

Tot Ion:106 Resp: 6083
Ion Ratio Lower Upper
106 100
91 208.5 154.3 286.5

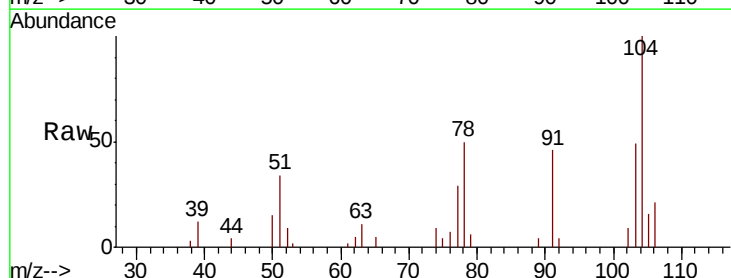


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

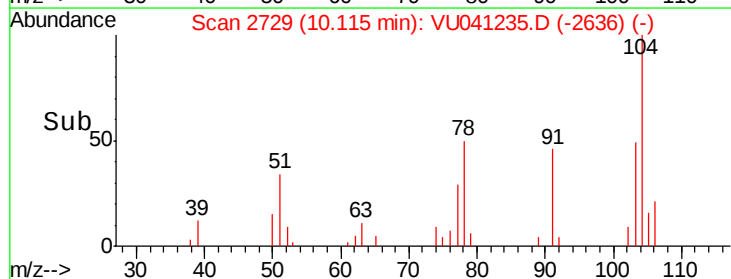
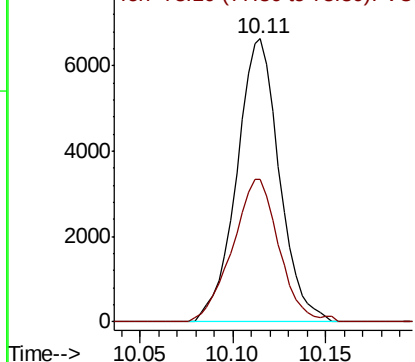


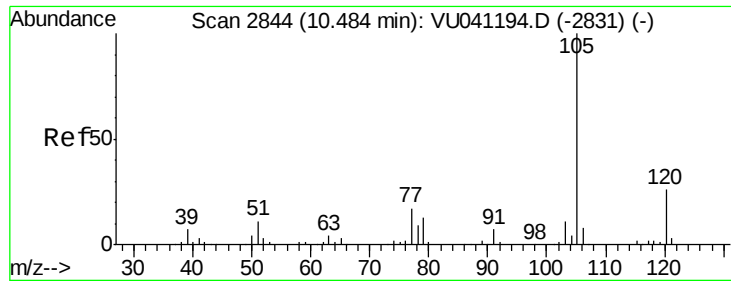
#55
Styrene
Concen: 0.752 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU041235.D
Acq: 16 Nov 2020 09:01

Tgt Ion:104 Resp: 10619
Ion Ratio Lower Upper
104 100
78 50.2 35.5 65.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 0.753 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

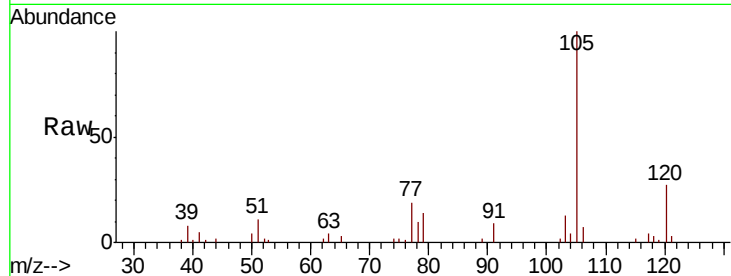
Tot Ion:105 Resp: 16052

Ion Ratio Lower Upper

105 100

120 25.4 20.7 31.1

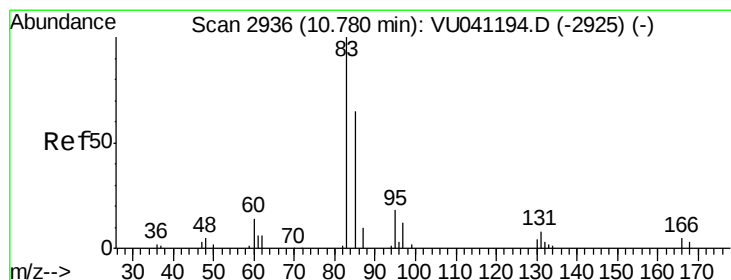
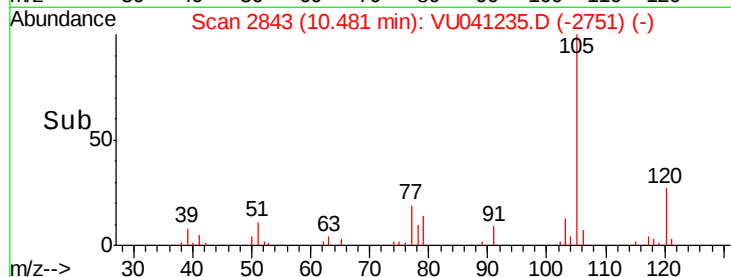
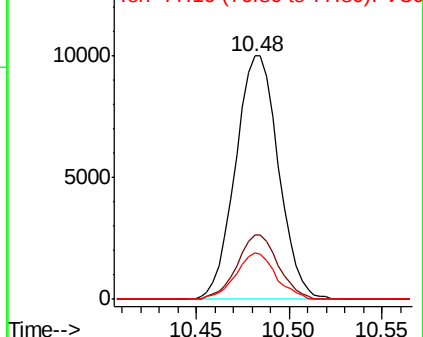
77 17.7 13.8 20.6



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: 0.931 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

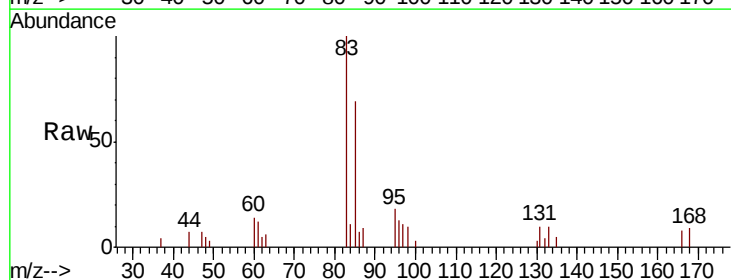
Tgt Ion: 83 Resp: 5384

Ion Ratio Lower Upper

83 100

85 68.9 44.4 82.4

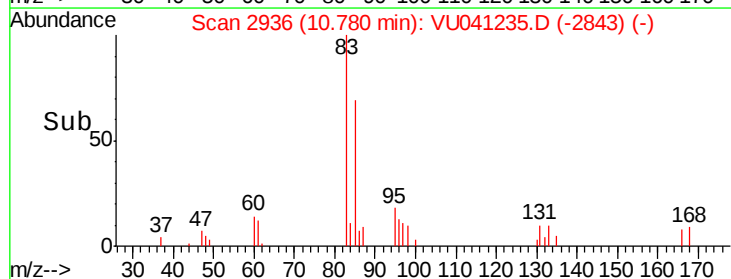
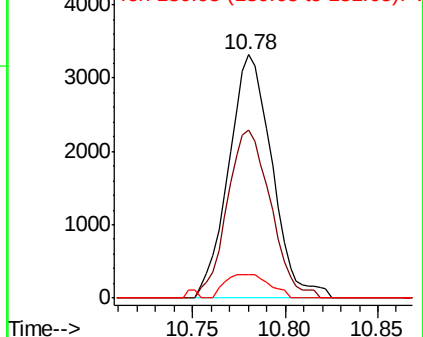
131 9.8 7.7 11.5

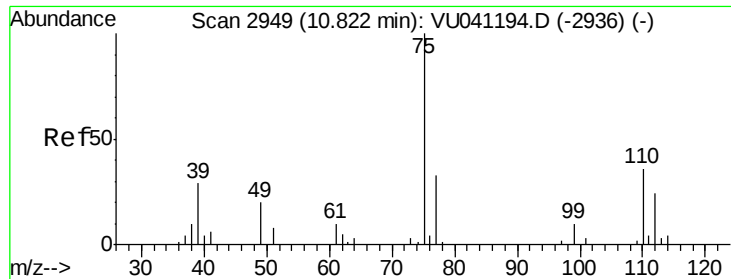


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 0.921 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

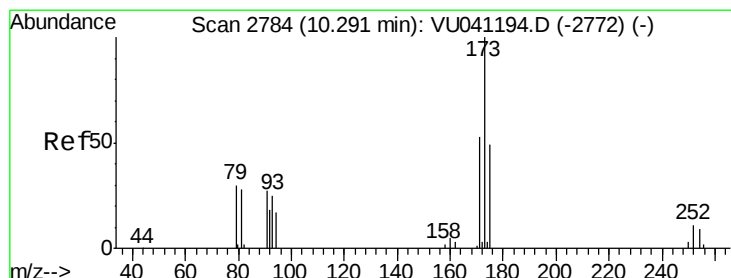
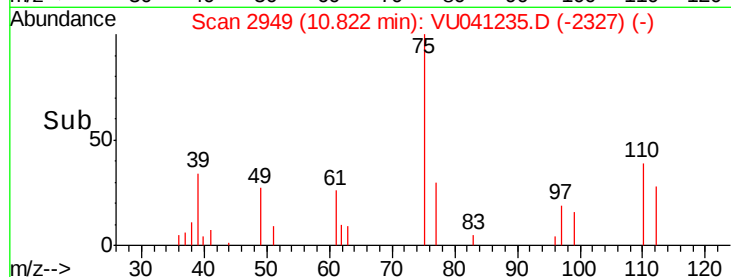
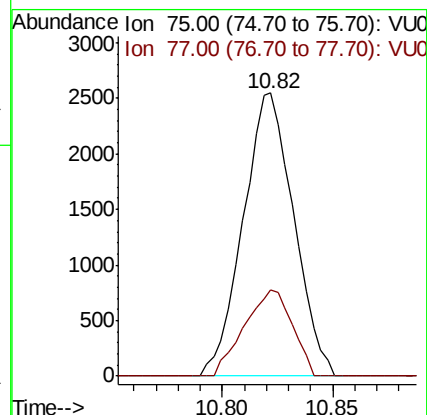
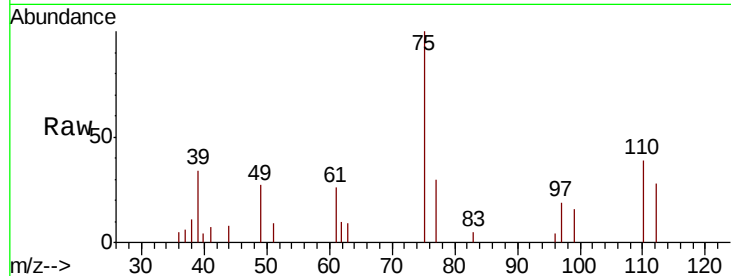
VSTD00103

Tot Ion: 75 Resp: 4060

Ion Ratio Lower Upper

75 100

77 28.6 25.7 38.5



#61

Bromoform

Concen: 1.194 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

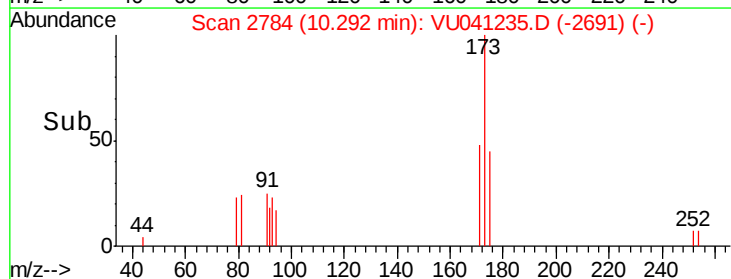
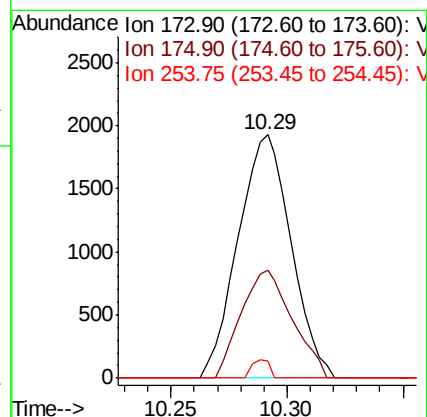
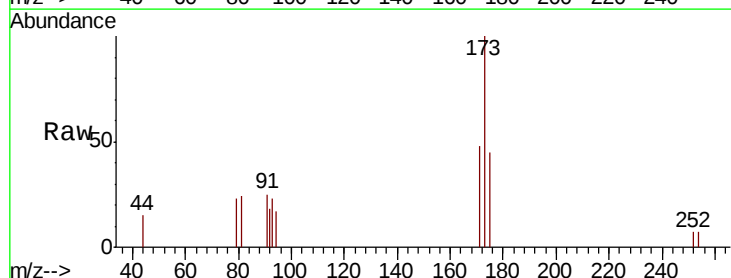
Tgt Ion: 173 Resp: 3055

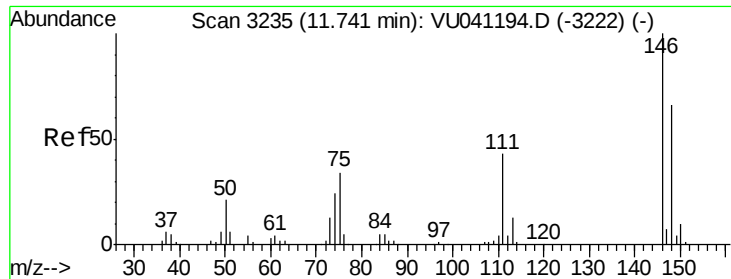
Ion Ratio Lower Upper

173 100

175 42.8 37.6 56.4

254 2.5 6.6 9.8#

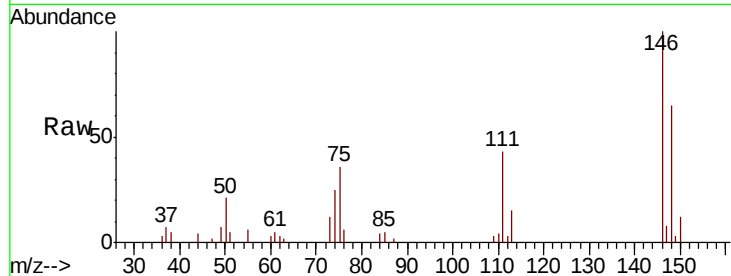




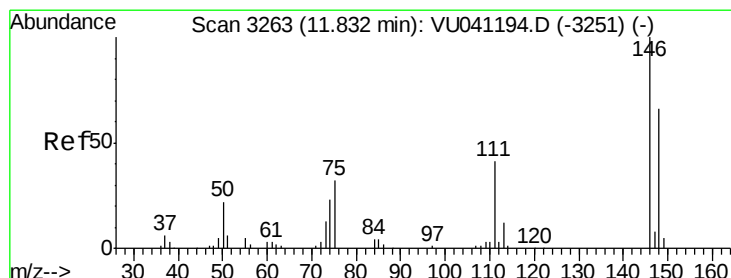
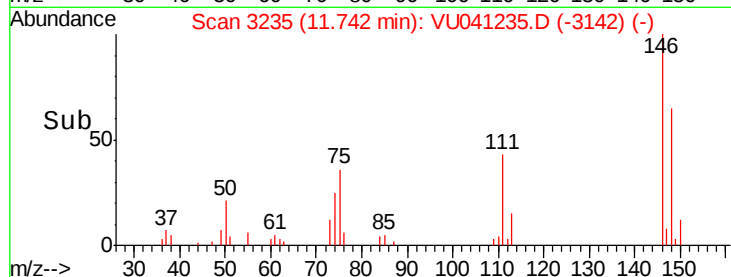
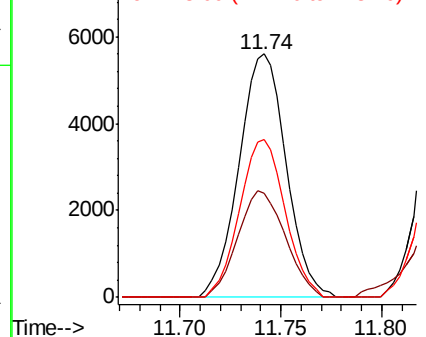
#62
 1,3-Dichlorobenzene
 Concen: 0.959 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tot Ion:146 Resp: 9186
 Ion Ratio Lower Upper
 146 100
 111 43.0 30.9 57.3
 148 65.0 45.8 85.2

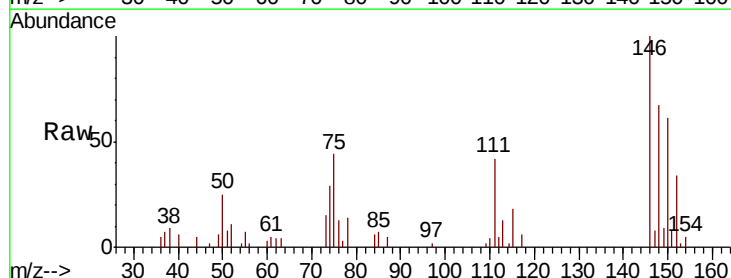


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

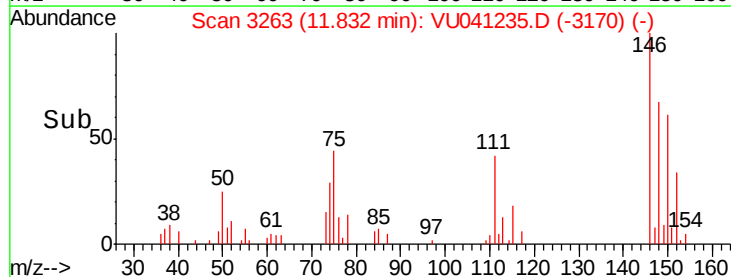
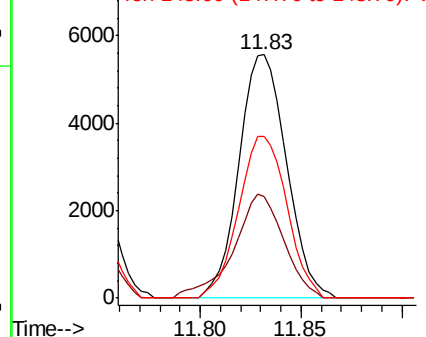


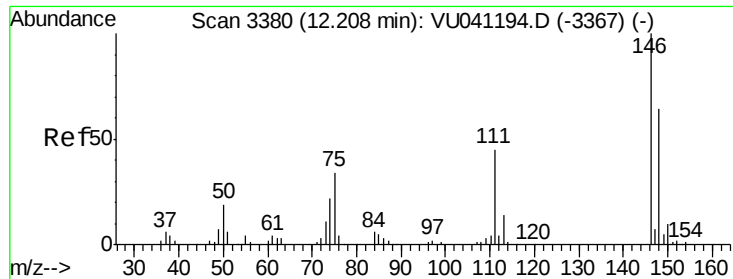
#63
 1,4-Dichlorobenzene
 Concen: 0.926 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Tgt Ion:146 Resp: 9191
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.3 52.7
 148 66.7 44.2 82.2



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: 0.928 ug/L

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

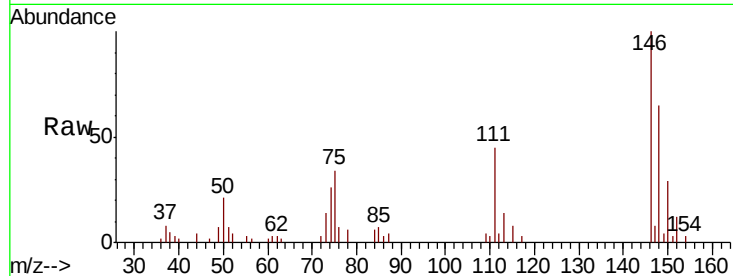
Tot Ion:146 Resp: 8775

Ion Ratio Lower Upper

146 100

111 44.9 35.0 52.6

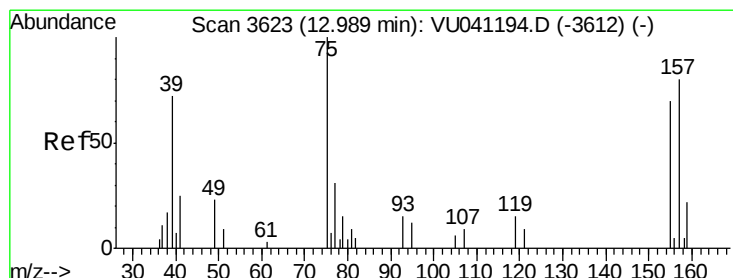
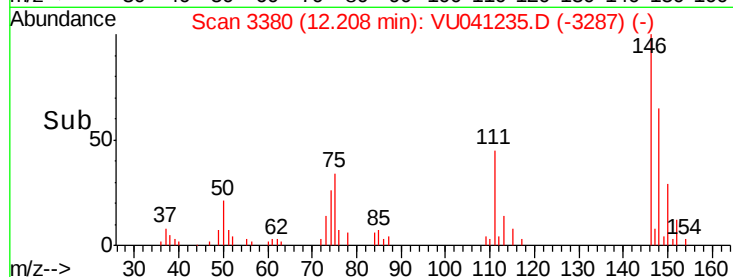
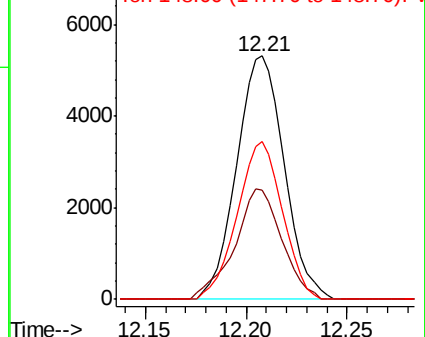
148 64.6 52.0 78.0



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: 0.832 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

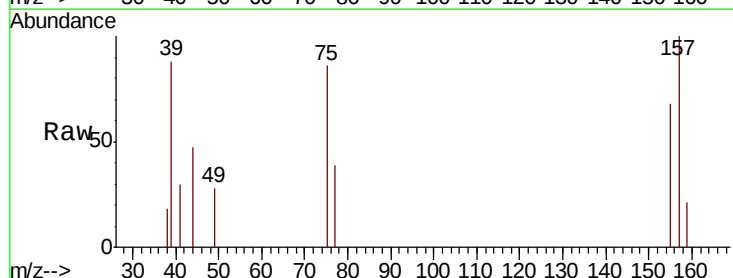
Tgt Ion: 75 Resp: 771

Ion Ratio Lower Upper

75 100

155 79.4 61.4 92.2

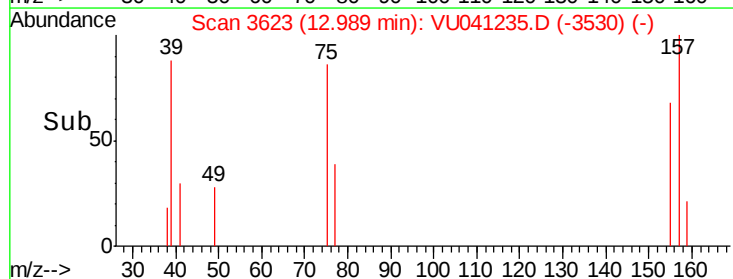
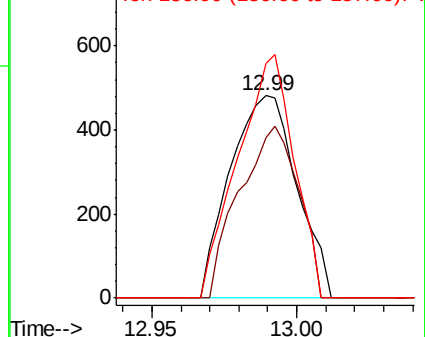
157 116.2 74.2 111.4#

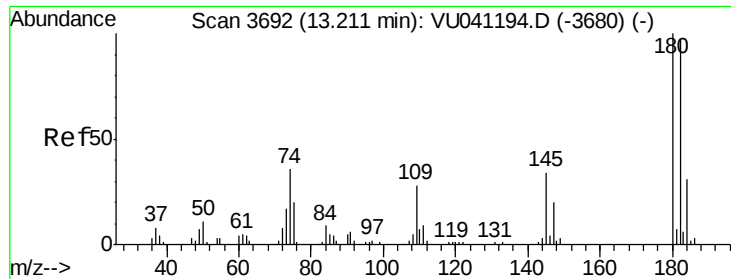


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

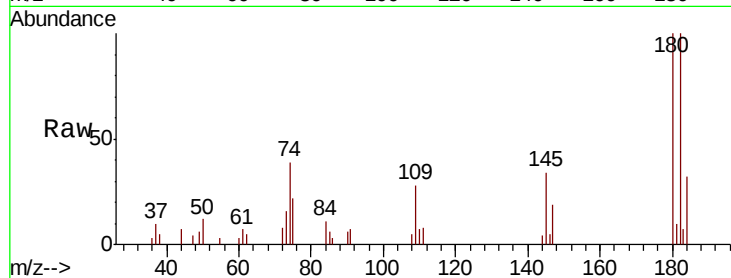




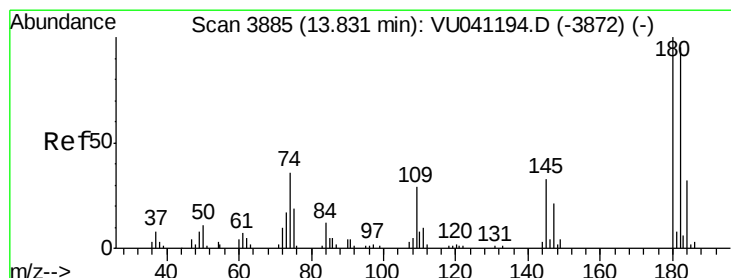
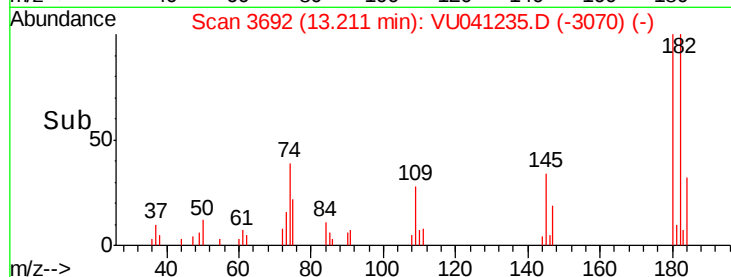
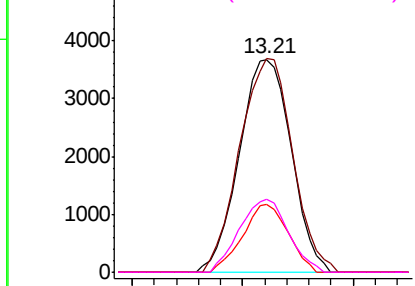
#67
 1,3,5-Trichlorobenzene
 Concen: 0.895 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tot Ion:180 Resp: 5995
 Ion Ratio Lower Upper
 180 100
 182 102.3 75.7 113.5
 184 28.1 23.7 35.5
 145 32.3 26.1 39.1

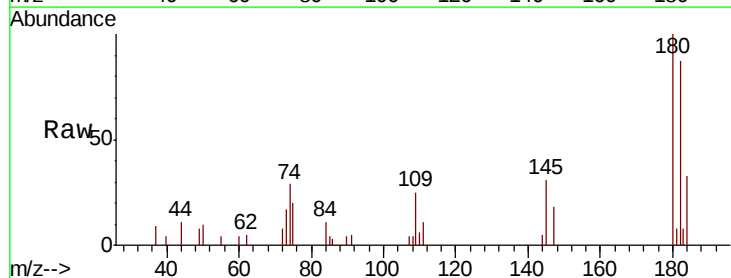


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

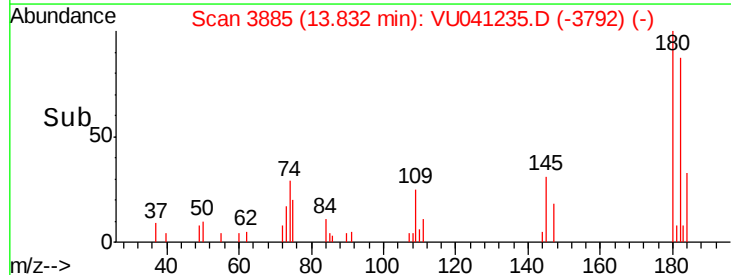
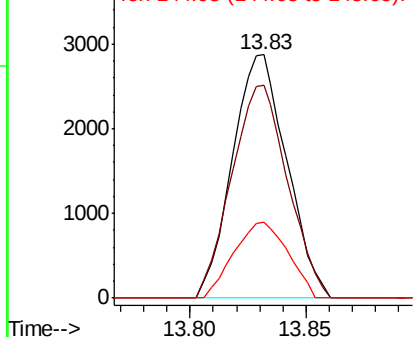


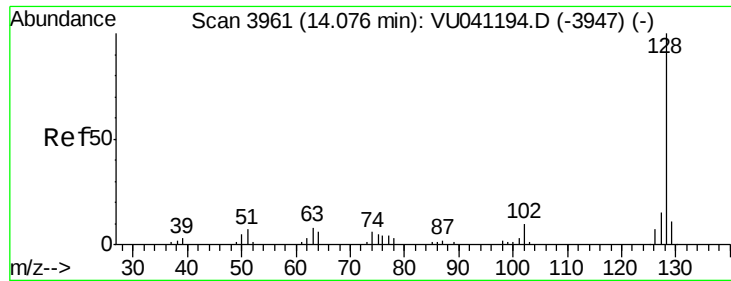
#68
 1,2,4-trichlorobenzene
 Concen: 0.844 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU041235.D
 Acq: 16 Nov 2020 09:01

Tgt Ion:180 Resp: 4684
 Ion Ratio Lower Upper
 180 100
 182 89.9 73.5 110.3
 145 31.0 26.6 40.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.582 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

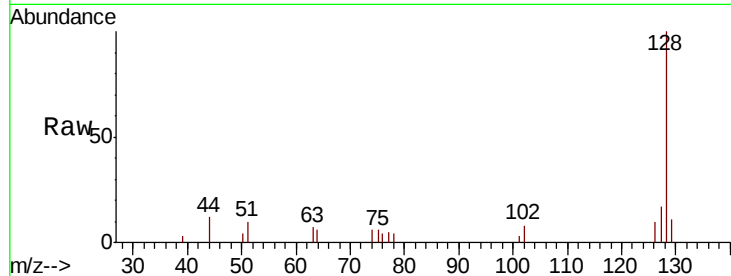
Tot Ion:128 Resp: 5774

Ion Ratio Lower Upper

128 100

129 10.2 8.7 13.1

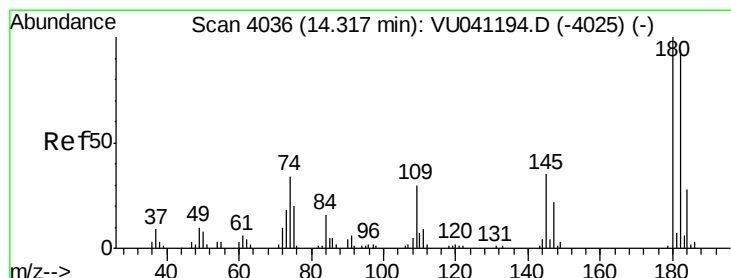
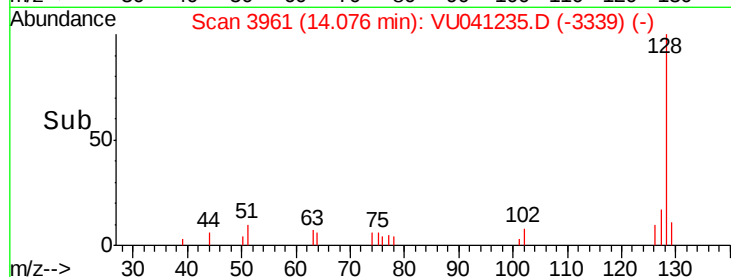
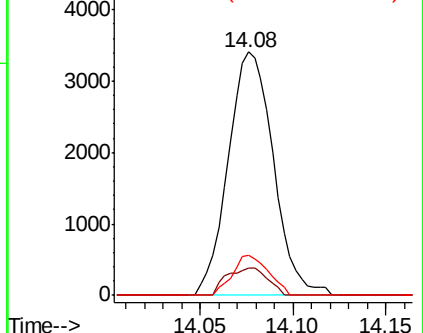
127 13.2 10.8 16.2



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: 0.797 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU041235.D

Acq: 16 Nov 2020 09:01

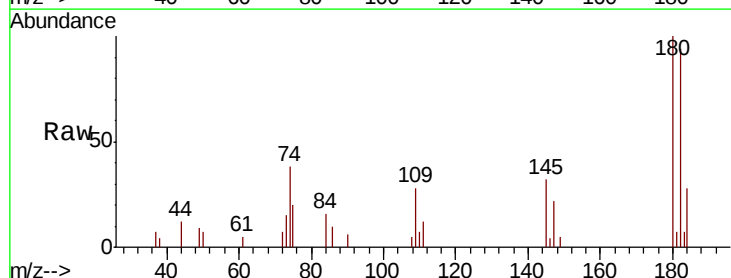
Tgt Ion:180 Resp: 4076

Ion Ratio Lower Upper

180 100

182 95.5 77.7 116.5

145 32.0 29.4 44.0



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

