

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040869.D
 Acq On : 21 Oct 2020 13:00
 Operator : SY/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Oct 22 00:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	266576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	259464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	136136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	363243	17.11	ug/L	0.00
7) Chloroethane-d5	1.92	69	317545	19.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	790572	18.88	ug/L	0.00
20) 2-Butanone-d5	4.64	46	1391749	202.94	ug/L	0.00
24) Chloroform-d	5.08	84	797158	20.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	442416	18.97	ug/L	0.00
32) Benzene-d6	5.74	84	1440699	20.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	485386	21.00	ug/L	0.00
41) Toluene-d8	7.91	98	1290723	20.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	205139	21.48	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	1159660	235.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	408888	19.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	494733	19.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	516927	21.177 ug/L	98
3) Chloromethane	1.52	50	554142	23.306 ug/L	98
5) Vinyl chloride	1.61	62	544424	22.429 ug/L	98
6) Bromomethane	1.86	94	233458	18.058 ug/L	96
8) Chloroethane	1.94	64	326182	21.135 ug/L	97
9) Trichlorofluoromethane	2.14	101	714766	20.855 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	414375	18.945 ug/L	99
12) 1,1-Dichloroethene	2.59	96	393384	20.894 ug/L	98
13) Acetone	2.64	43	835696	162.202 ug/L	98
14) Carbon disulfide	2.80	76	1347381	24.171 ug/L	98
15) Methyl Acetate	2.96	43	213824	17.927 ug/L	98
16) Methylene chloride	3.06	84	431213	17.948 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	1030519	19.870 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	420486	21.278 ug/L	95
19) 1,1-Dichloroethane	3.89	63	810338	19.927 ug/L	99
21) 2-Butanone	4.72	43	1438737	179.681 ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	453434	21.302 ug/L	97
23) Bromochloromethane	4.99	128	200947	19.257 ug/L	97
25) Chloroform	5.11	83	807764	19.536 ug/L	95
27) 1,2-Dichloroethane	5.81	62	560115	19.165 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	702074	20.442 ug/L	100
30) Cyclohexane	5.40	56	776015	24.224 ug/L	98
31) Carbon tetrachloride	5.54	117	616813	21.011 ug/L	99
33) Benzene	5.79	78	1738907	21.127 ug/L	100
34) Trichloroethene	6.55	95	440246	20.797 ug/L	97
35) Methylcyclohexane	6.77	83	732550	24.034 ug/L	99
37) 1,2-Dichloropropane	6.80	63	462166	20.341 ug/L	99
38) Bromodichloromethane	7.12	83	591185	20.408 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	687574	22.190 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	3463478	197.870 ug/L	100

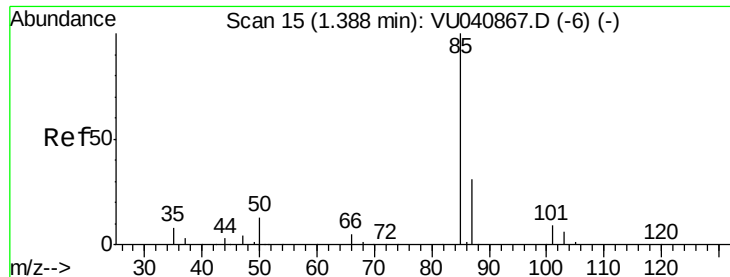
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040869.D
 Acq On : 21 Oct 2020 13:00
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Quant Time: Oct 22 00:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	1819286	21.760	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	610287	21.545	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	311812	18.575	ug/L	97
47) Tetrachloroethene	8.56	164	326288	21.573	ug/L	98
48) 2-Hexanone	8.69	43	2477390	190.637	ug/L	99
49) Dibromochloromethane	8.82	129	379735	19.633	ug/L	99
50) 1,2-Dibromoethane	8.93	107	301810	18.899	ug/L	99
51) Chlorobenzene	9.45	112	1122062	20.461	ug/L	99
52) Ethylbenzene	9.57	91	2037986	22.679	ug/L	98
53) m,p-Xylene	9.69	106	751996	23.006	ug/L	97
54) o-Xylene	10.10	106	718960	22.965	ug/L	96
55) Styrene	10.11	104	1254142	22.960	ug/L	98
56) Isopropylbenzene	10.48	105	1935123	22.881	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	411065	18.684	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	299967	18.286	ug/L	96
61) Bromoform	10.29	173	207423	18.608	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	897264	20.498	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	903545	20.043	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	848768	20.007	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	75749	20.433	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	667845	21.497	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	599388	24.732	ug/L	99
69) Naphthalene	14.08	128	1211030	29.860	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	554330	24.600	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 21.177 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

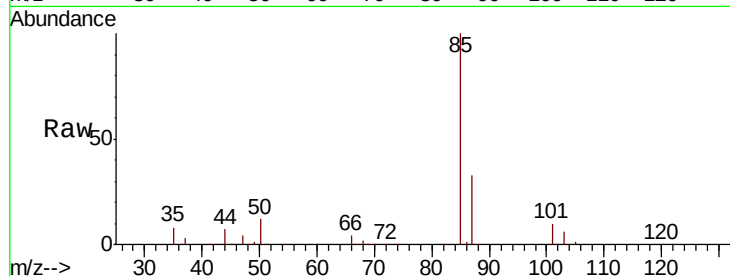
VSTD02004

Tot Ion: 85 Resp: 516927

Ion Ratio Lower Upper

85 100

87 32.6 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VU040869.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VU040869.D (-6) (-)

1.39

500000

400000

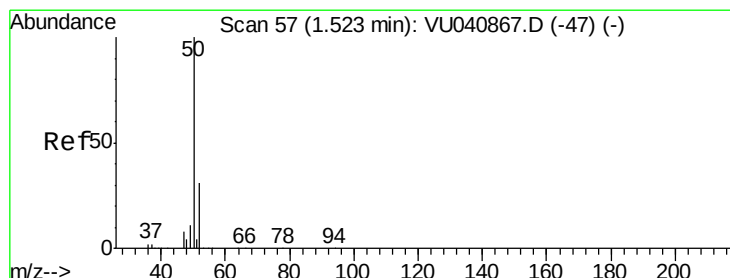
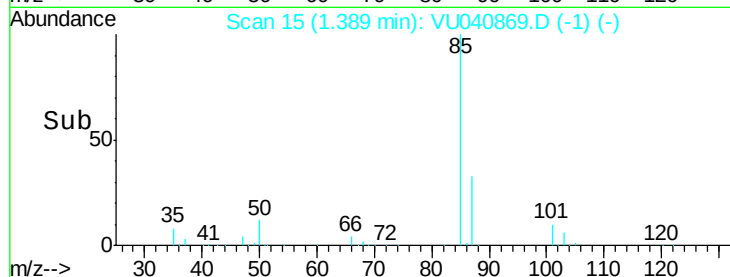
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 23.306 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU040869.D

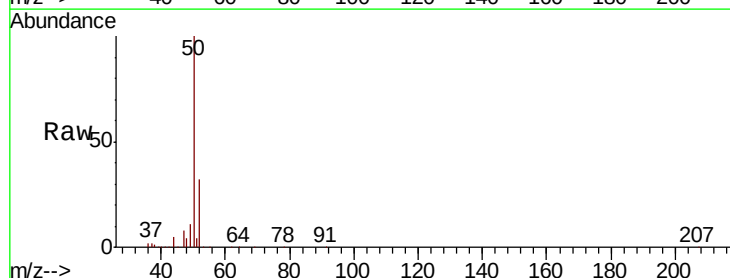
Acq: 21 Oct 2020 13:00

Tgt Ion: 50 Resp: 554142

Ion Ratio Lower Upper

50 100

52 32.4 21.8 40.6



Abundance Ion 50.05 (49.75 to 50.75): VU040869.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040869.D (-1) (-)

1.52

500000

400000

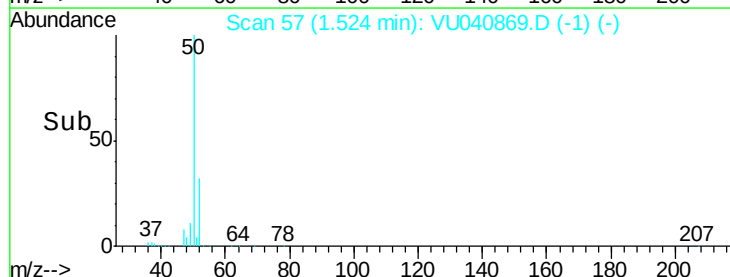
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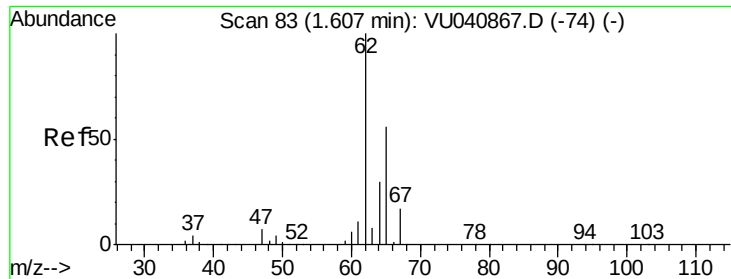
200000

100000

0

Time-->





#5

Vinyl chloride

Concen: 22.429 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

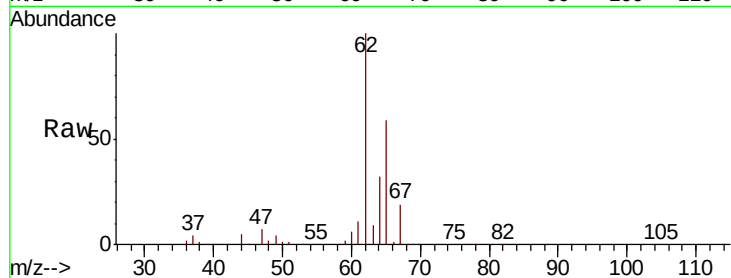
VSTD02004

Tot Ion: 62 Resp: 544424

Ion Ratio Lower Upper

62 100

64 32.4 21.8 40.6



Abundance Ion 62.00 (61.70 to 62.70): VU040869.D (-74) (-)

Ion 64.10 (63.80 to 64.80): VU040869.D (-74) (-)

1.61

500000

400000

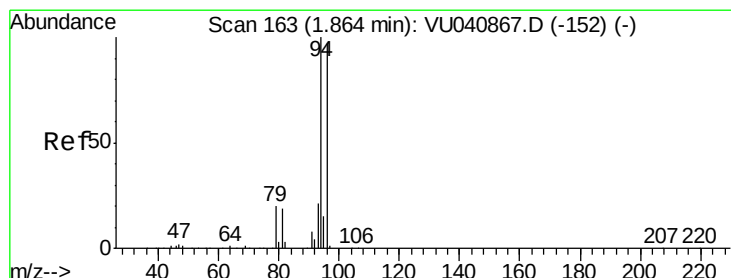
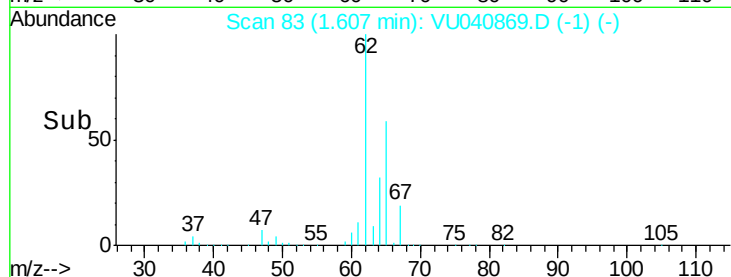
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 18.058 ug/L

RT: 1.86 min Scan# 161

Delta R.T. -0.01 min

Lab File: VU040869.D

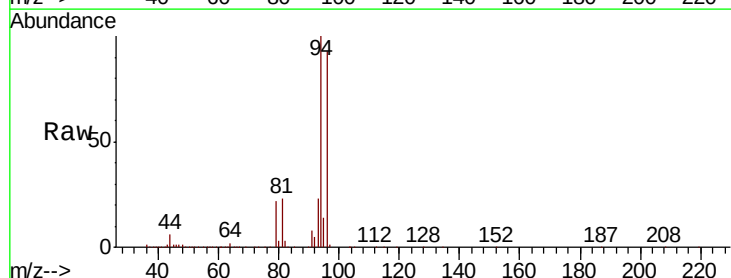
Acq: 21 Oct 2020 13:00

Tgt Ion: 94 Resp: 233458

Ion Ratio Lower Upper

94 100

96 93.3 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VU040869.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU040869.D (-152) (-)

1.86

200000

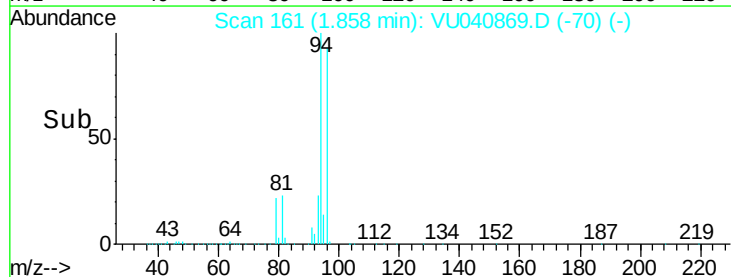
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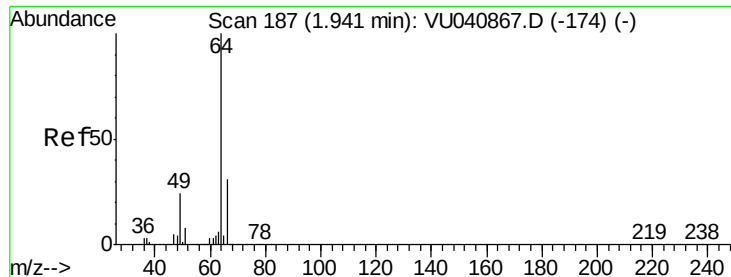
100000

50000

0

Time-->





#8

Chloroethane

Concen: 21.135 ug/L

RT: 1.94 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

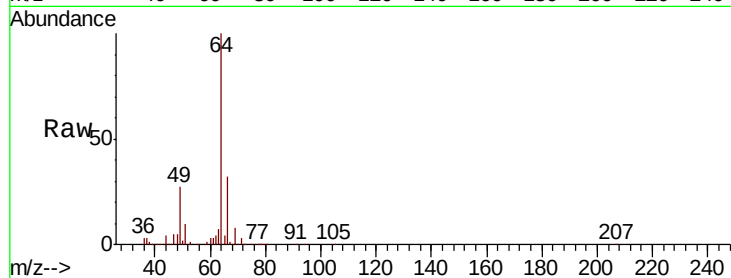
VSTD02004

Tot Ion: 64 Resp: 326182

Ion Ratio Lower Upper

64 100

66 31.9 21.2 39.4



Abundance Ion 64.10 (63.80 to 64.80): VU040869.D (-174) (-)

Ion 66.05 (65.75 to 66.75): VU040869.D (-174) (-)

1.94

250000

200000

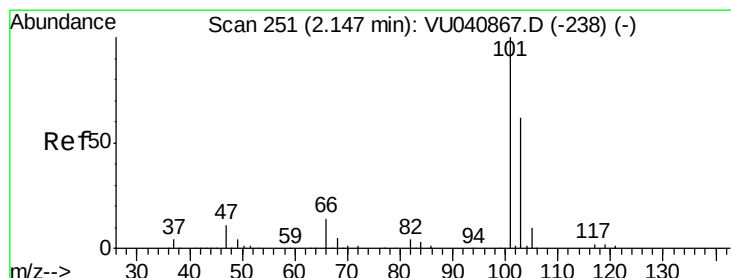
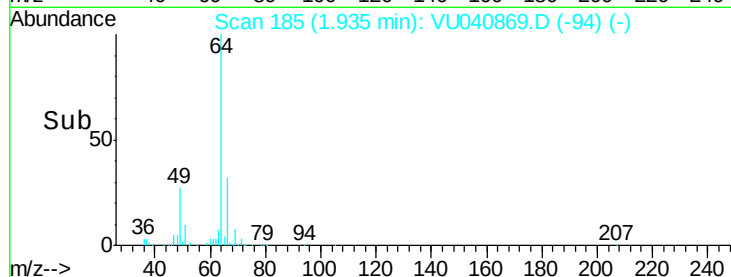
150000

100000

50000

0

Time-->



#9

Trichlorofluoromethane

Concen: 20.855 ug/L

RT: 2.14 min Scan# 250

Delta R.T. -0.00 min

Lab File: VU040869.D

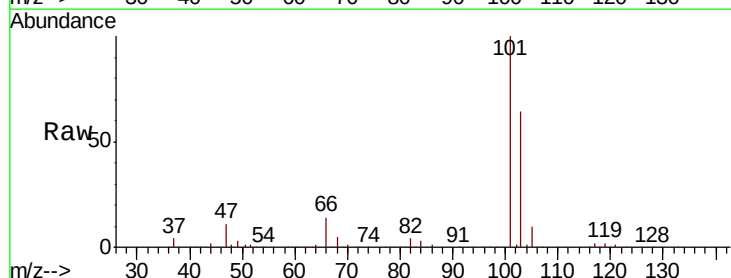
Acq: 21 Oct 2020 13:00

Tgt Ion:101 Resp: 714766

Ion Ratio Lower Upper

101 100

103 63.5 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VU040869.D (-238) (-)

Ion 103.00 (102.70 to 103.70): VU040869.D (-238) (-)

2.14

500000

400000

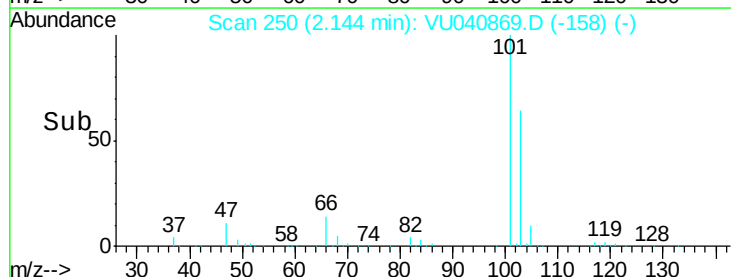
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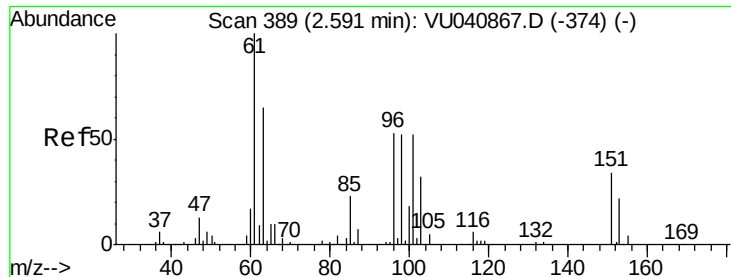
200000

100000

0

Time-->





#10

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

Concen: 18.945 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

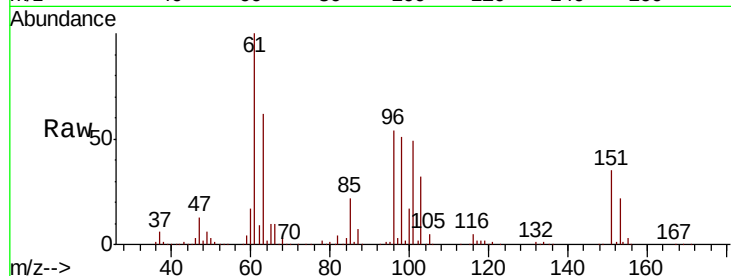
Tot Ion:101 Resp: 414375

Ion Ratio Lower Upper

101 100

85 45.4 36.4 54.6

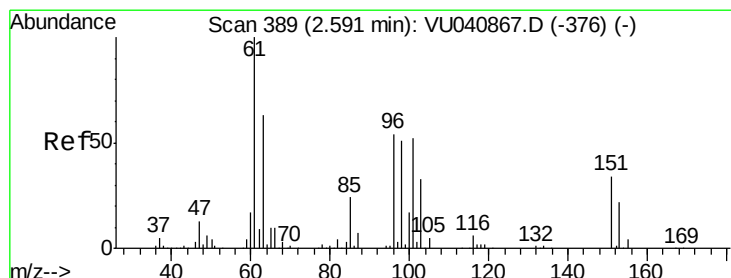
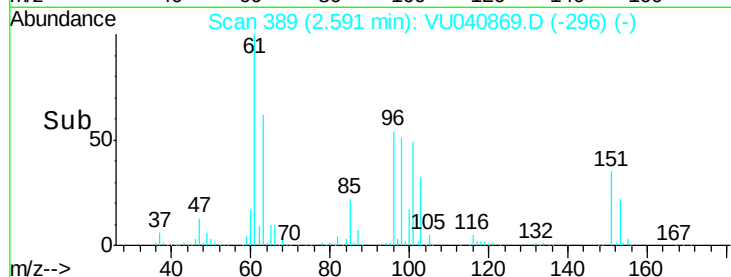
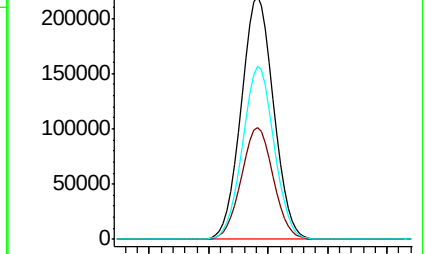
151 69.5 56.3 84.5



Abundance Ion 101.00 (100.70 to 101.70): VU040867.D (-374) (-)

Ion 85.00 (84.70 to 85.70): VU040867.D (-374) (-)

Ion 151.00 (150.70 to 151.70): VU040867.D (-374) (-)



#12

1,1-Dichloroethene

Concen: 20.894 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

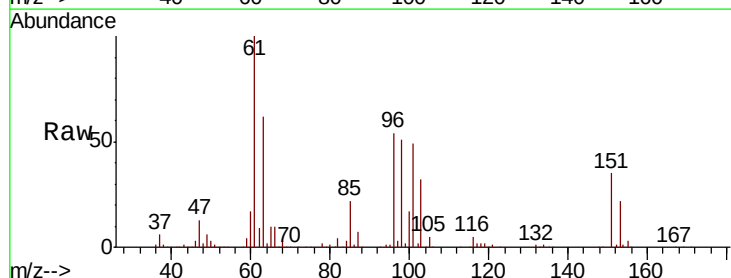
Tgt Ion: 96 Resp: 393384

Ion Ratio Lower Upper

96 100

61 186.5 130.9 243.1

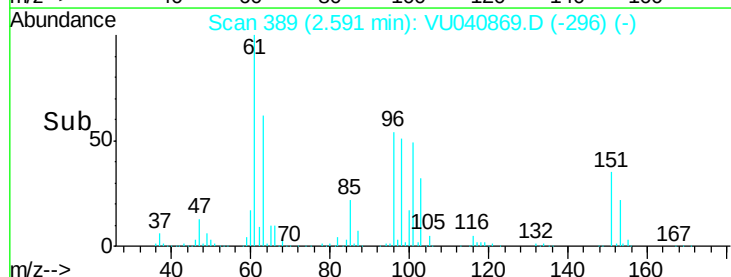
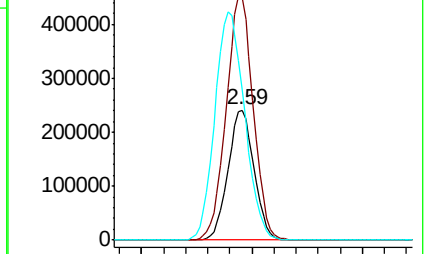
63 115.8 85.4 158.6

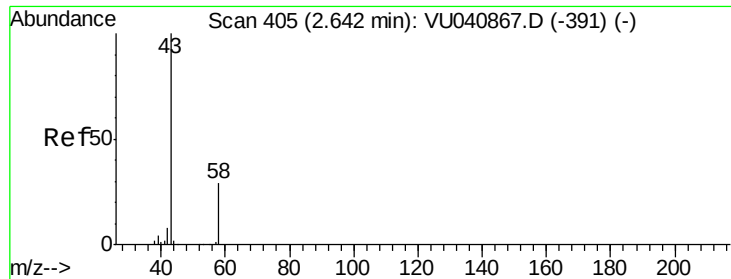


Abundance Ion 96.00 (95.70 to 96.70): VU040869.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VU040869.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VU040869.D (-296) (-)





#13

Acetone

Concen: 162.202 ug/L

RT: 2.64 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

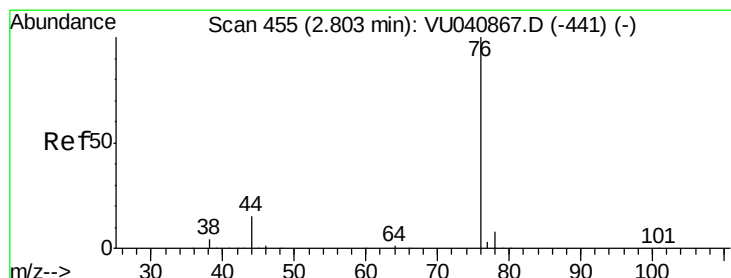
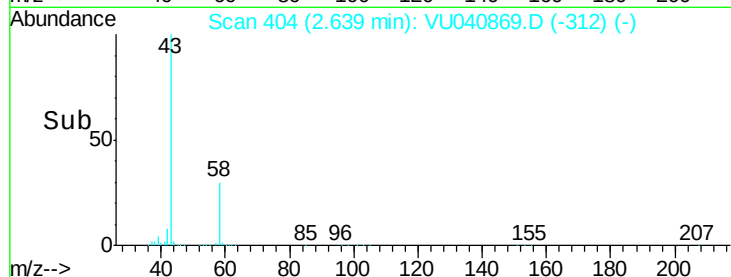
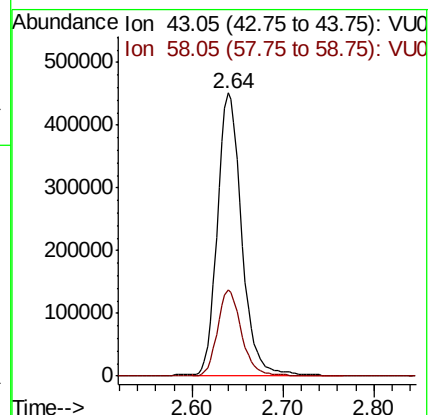
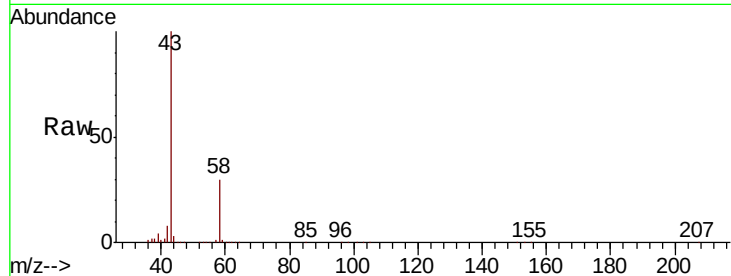
VSTD02004

Tot Ion: 43 Resp: 835696

Ion Ratio Lower Upper

43 100

58 30.2 0.0 58.6



#14

Carbon disulfide

Concen: 24.171 ug/L

RT: 2.80 min Scan# 455

Delta R.T. 0.00 min

Lab File: VU040869.D

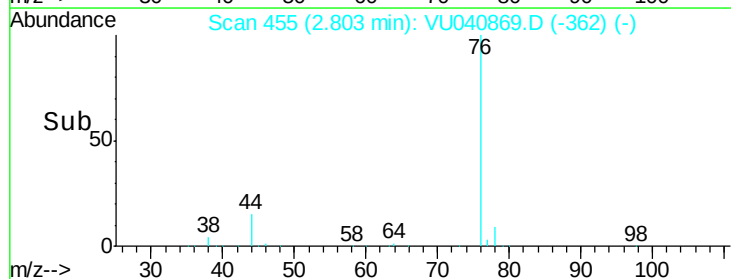
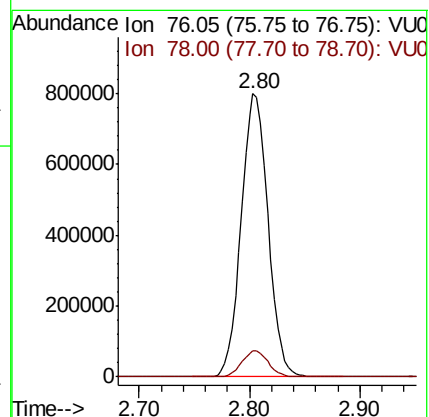
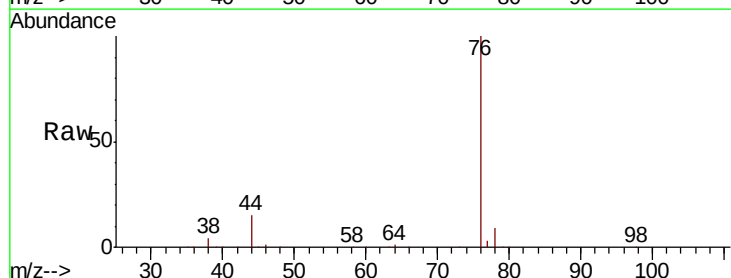
Acq: 21 Oct 2020 13:00

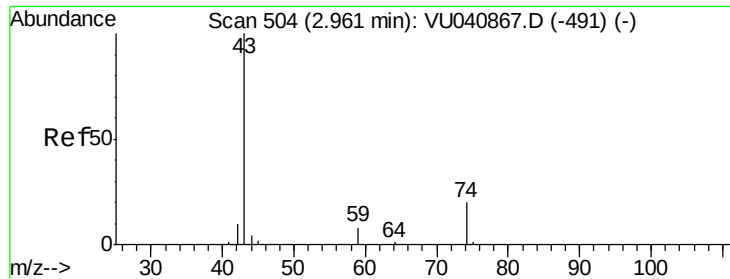
Tgt Ion: 76 Resp: 1347381

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

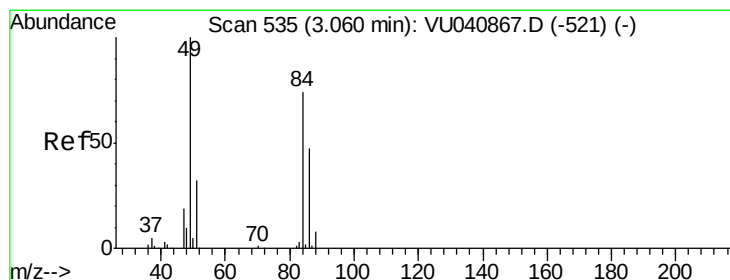
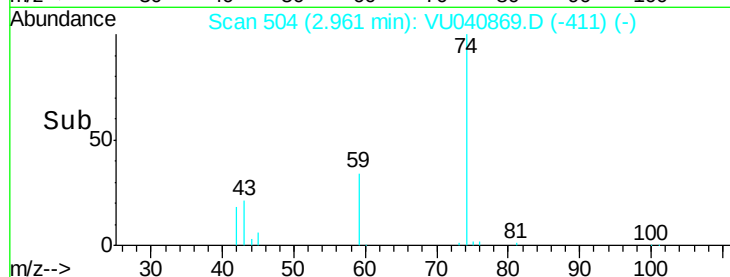
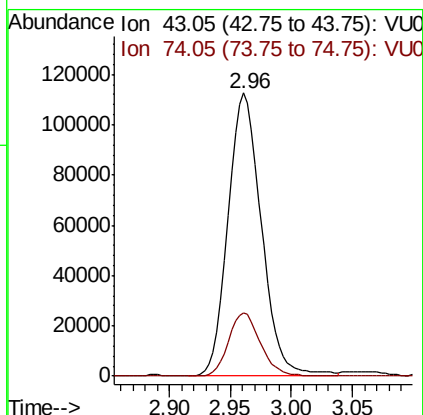
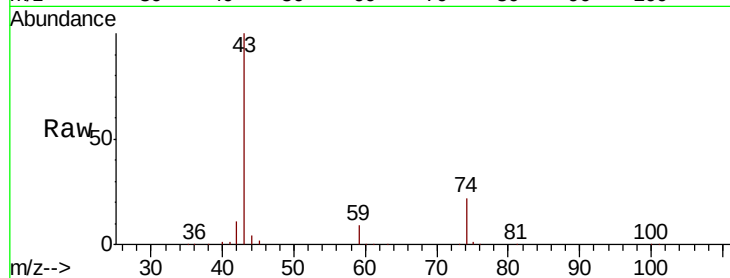




#15
Methyl Acetate
Concen: 17.927 ug/L
RT: 2.96 min Scan# 504
Delta R.T. 0.00 min
Lab File: VU040869.D
Acq: 21 Oct 2020 13:00

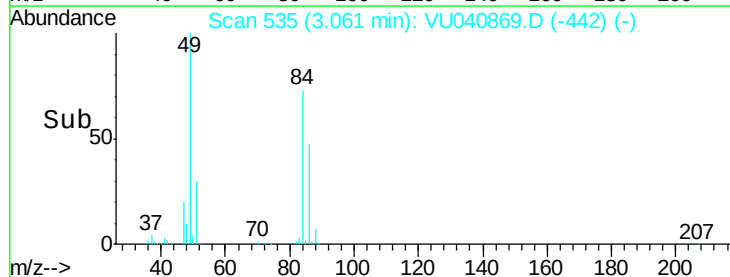
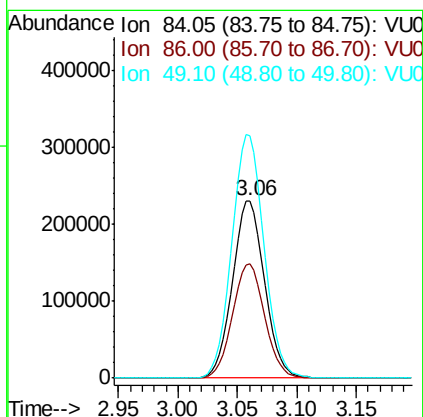
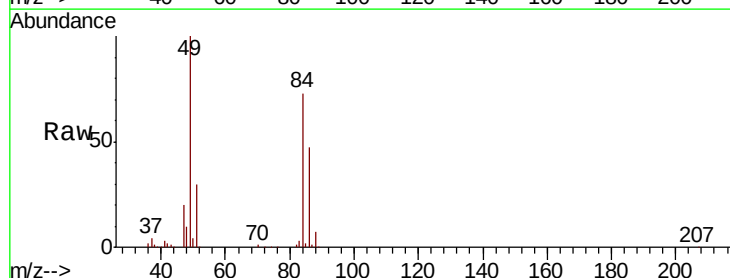
Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

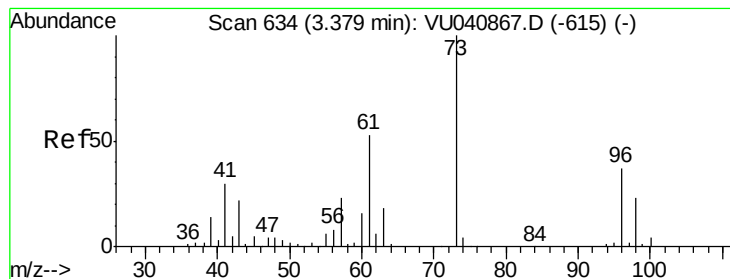
Tot Ion: 43 Resp: 213824
Ion Ratio Lower Upper
43 100
74 21.5 16.6 25.0



#16
Methylene chloride
Concen: 17.948 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040869.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 84 Resp: 431213
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.5
49 136.6 94.7 175.9



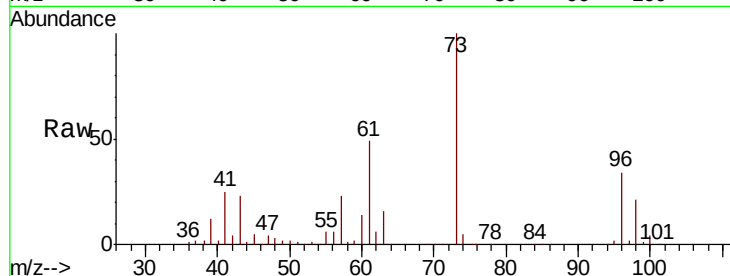


#17

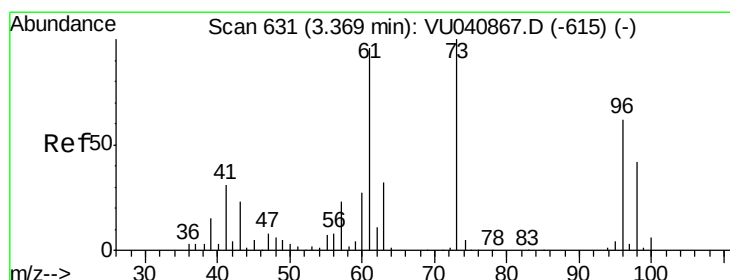
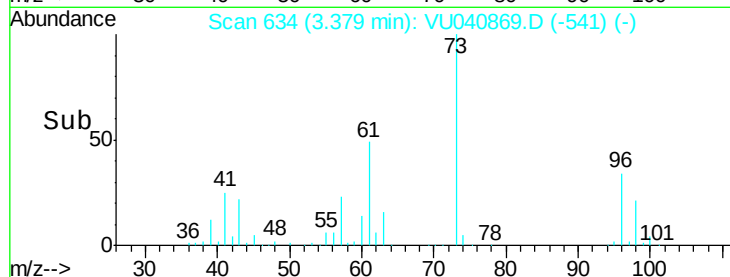
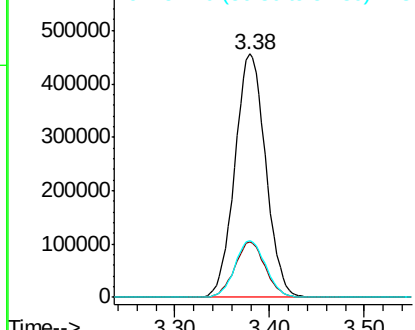
Methyl tert-butyl Ether
 Concen: 19.870 ug/L
 RT: 3.38 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Tot Ion: 73 Resp: 1030519
 Ion Ratio Lower Upper
 73 100
 43 22.5 18.6 27.8
 57 23.4 18.5 27.7



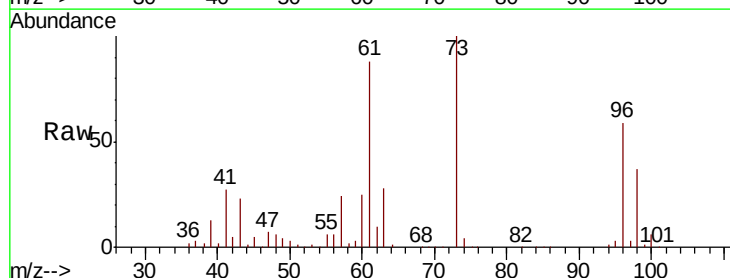
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



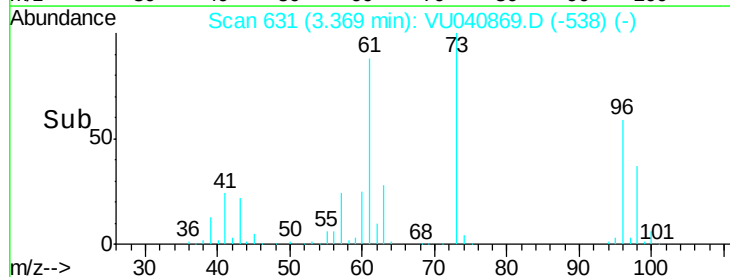
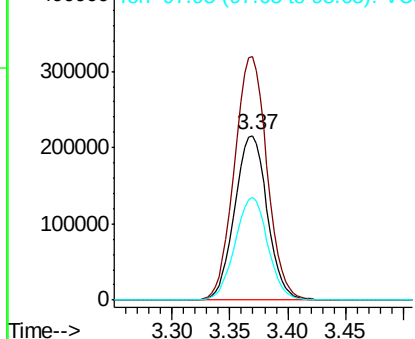
#18

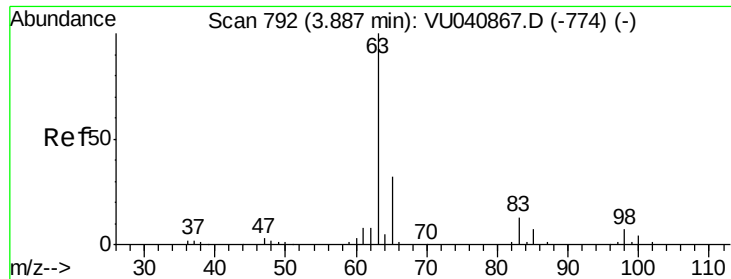
trans-1,2-Dichloroethene
 Concen: 21.278 ug/L
 RT: 3.37 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion: 96 Resp: 420486
 Ion Ratio Lower Upper
 96 100
 61 148.0 107.9 200.3
 98 62.4 47.5 88.1



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

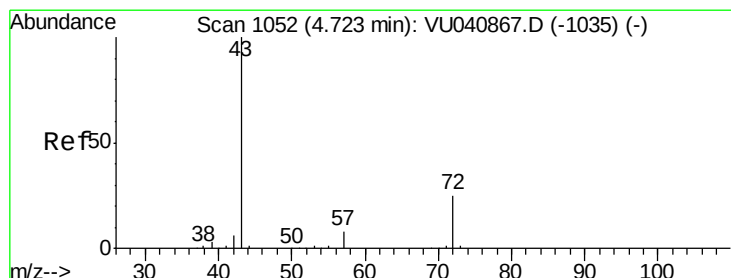
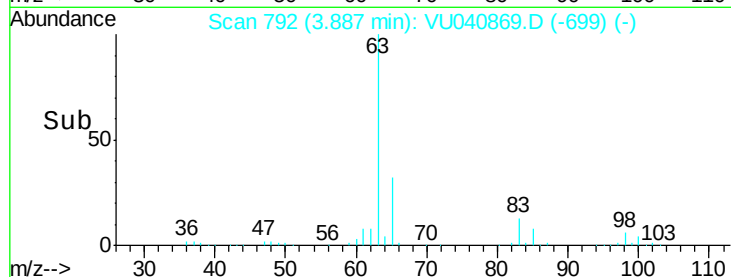
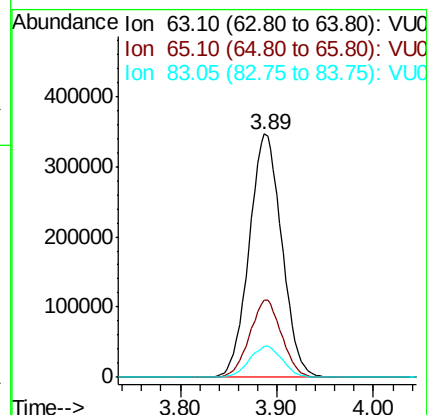
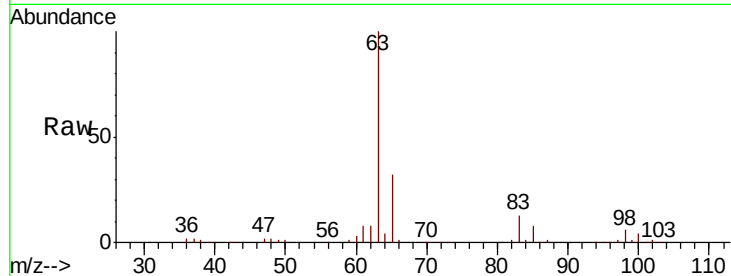




#19
 1,1-Dichloroethane
 Concen: 19.927 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

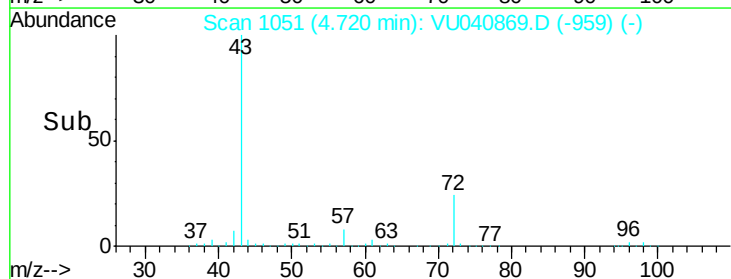
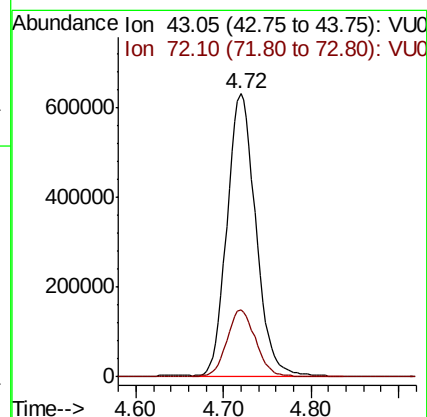
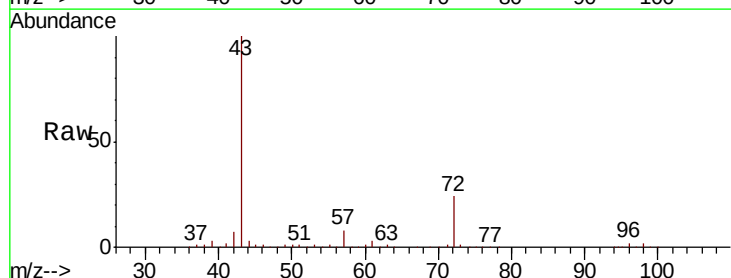
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

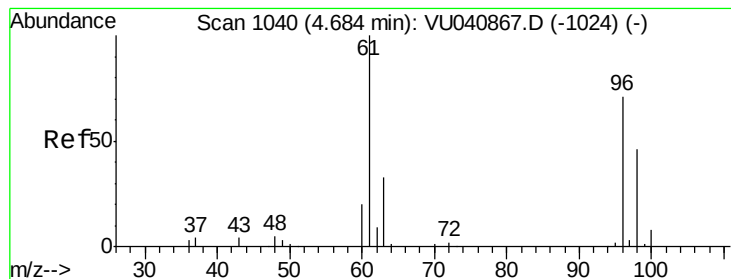
Tot Ion: 63 Resp: 810338
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.6 42.0
 83 12.6 9.4 17.6



#21
 2-Butanone
 Concen: 179.681 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion: 43 Resp: 1438737
 Ion Ratio Lower Upper
 43 100
 72 24.1 12.2 36.4





#22

cis-1,2-Dichloroethene

Concen: 21.302 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

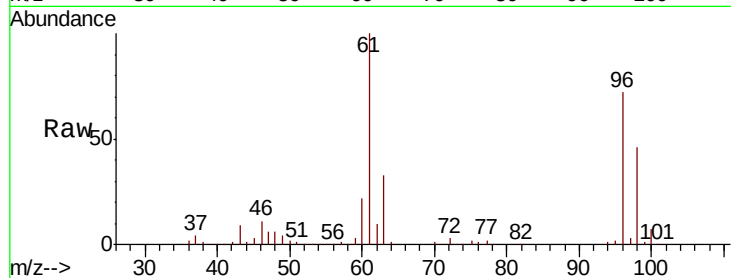
Tot Ion: 96 Resp: 453434

Ion Ratio Lower Upper

96 100

61 138.7 100.0 185.6

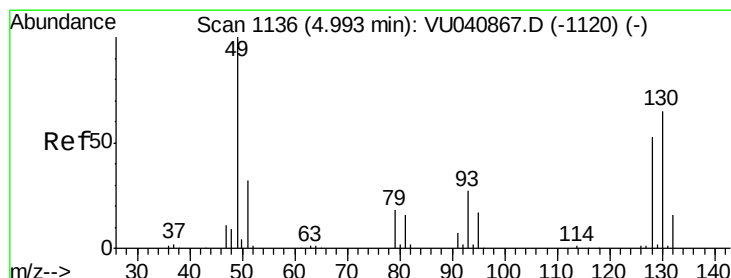
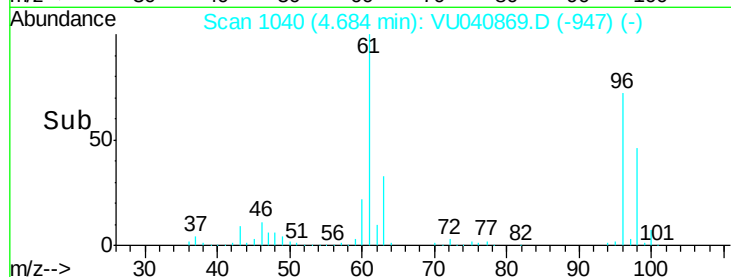
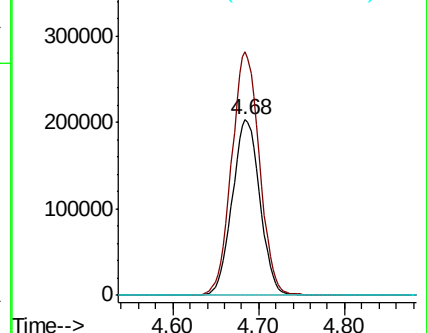
68 0.0 0.0 0.0



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: 19.257 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Tgt Ion: 128 Resp: 200947

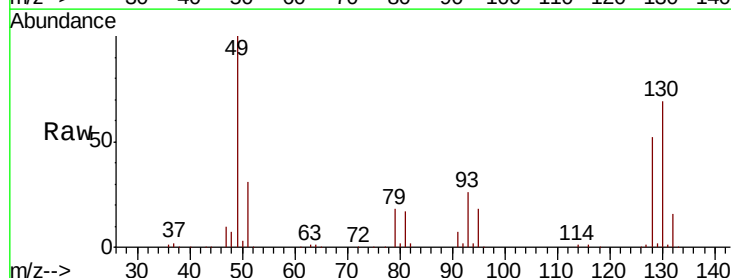
Ion Ratio Lower Upper

128 100

49 191.8 133.2 247.4

130 133.0 86.6 160.8

51 60.3 48.8 73.2

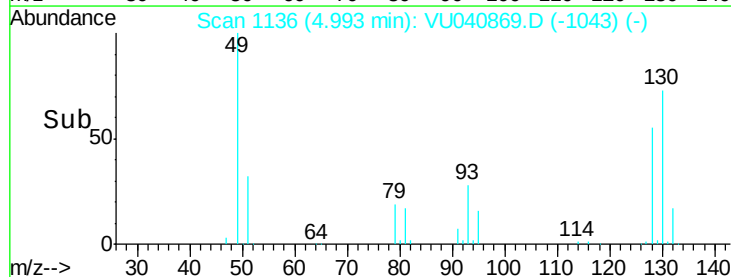
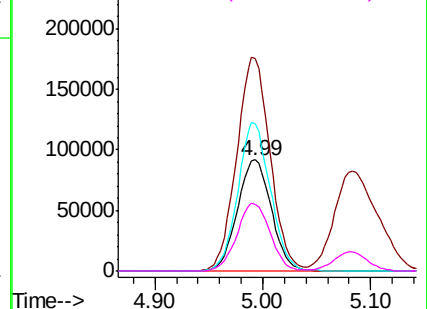


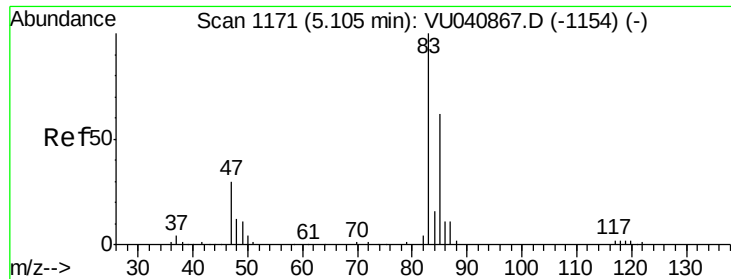
Abundance Ion 127.90 (127.60 to 128.60): V

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

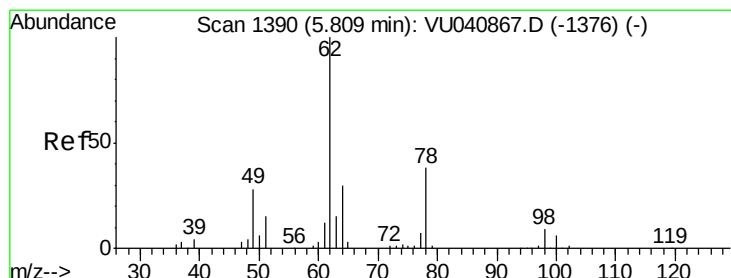
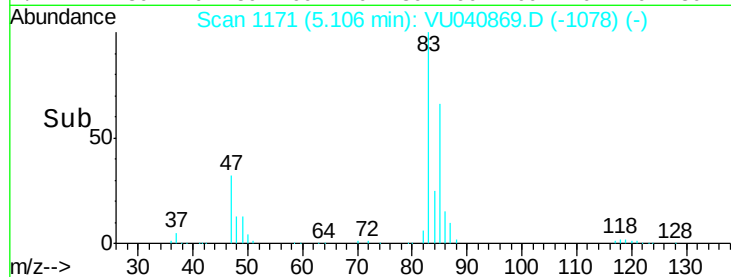
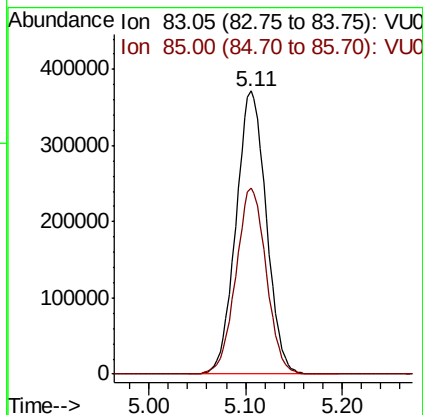
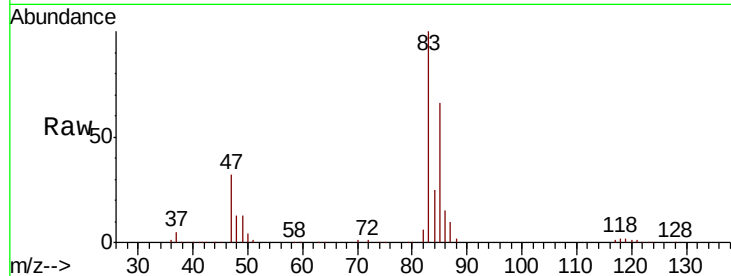




#25
Chloroform
Concen: 19.536 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040869.D
Acq: 21 Oct 2020 13:00

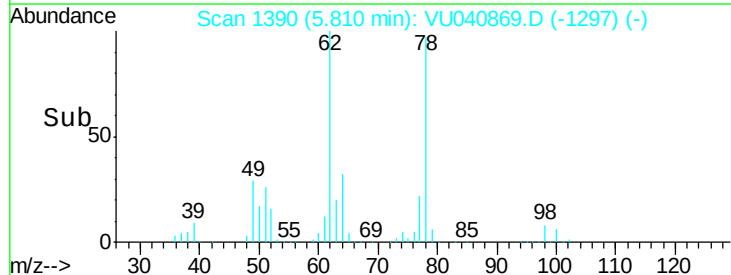
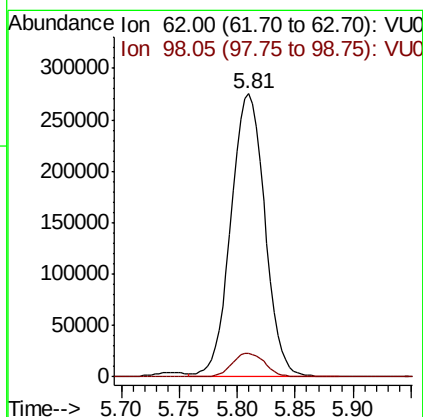
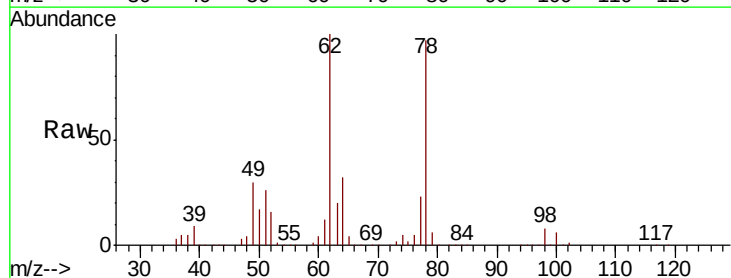
Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

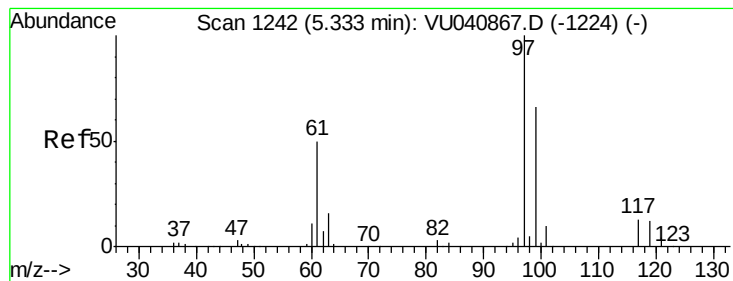
Tot Ion: 83 Resp: 807764
Ion Ratio Lower Upper
83 100
85 65.7 43.4 80.6



#27
1,2-Dichloroethane
Concen: 19.165 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU040869.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 62 Resp: 560115
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 20.442 ug/L

RT: 5.33 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

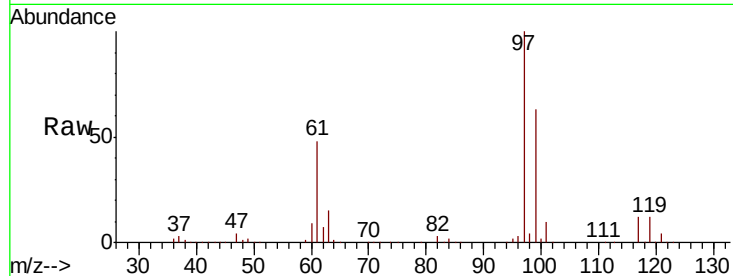
Tot Ion: 97 Resp: 702074

Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

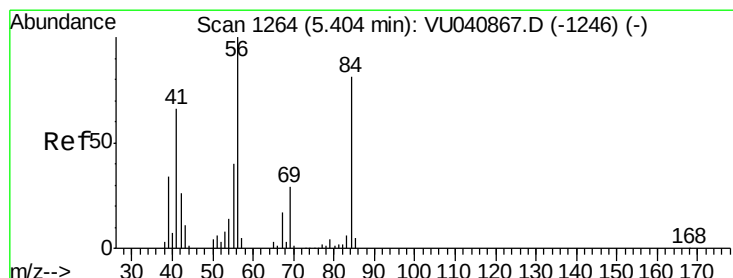
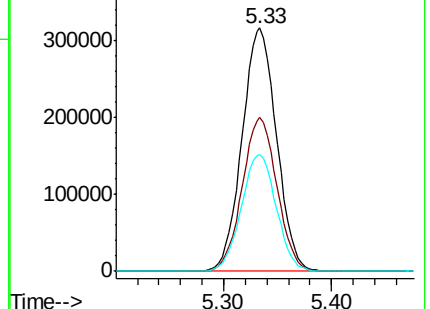
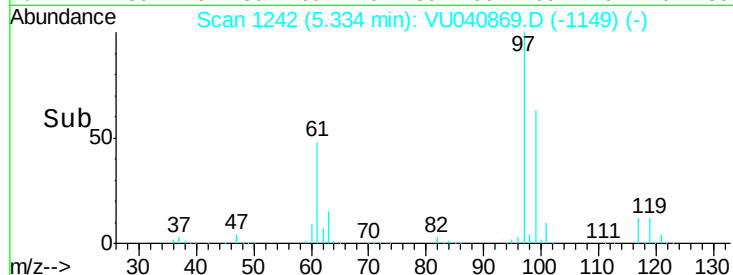
61 48.7 39.0 58.6



Abundance Ion 96.95 (96.65 to 97.65): VU040869.D (-1149) (-)

Ion 99.05 (98.75 to 99.75): VU040869.D (-1149) (-)

Ion 61.05 (60.75 to 61.75): VU040869.D (-1149) (-)



#30

Cyclohexane

Concen: 24.224 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

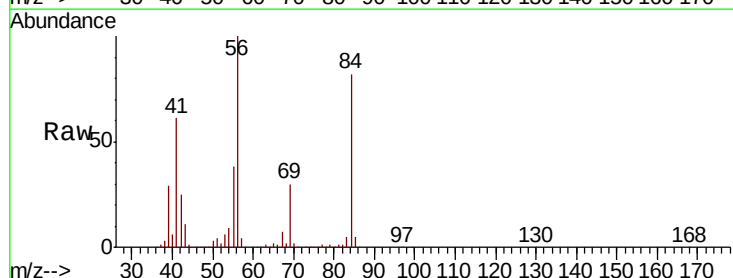
Tgt Ion: 56 Resp: 776015

Ion Ratio Lower Upper

56 100

69 29.4 22.6 33.8

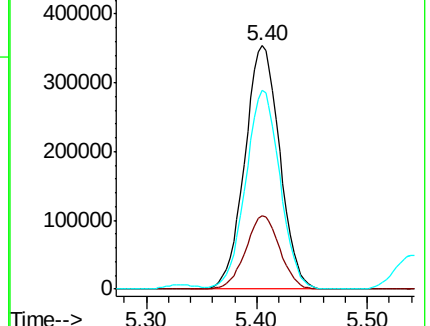
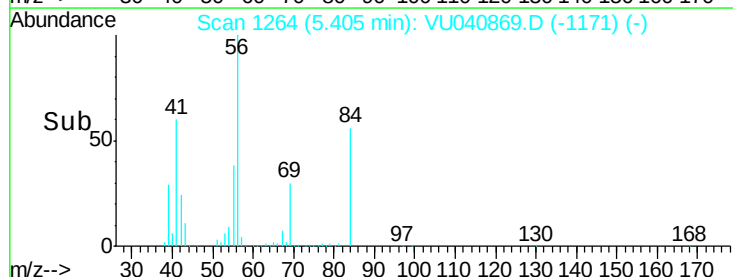
84 80.4 63.0 94.6

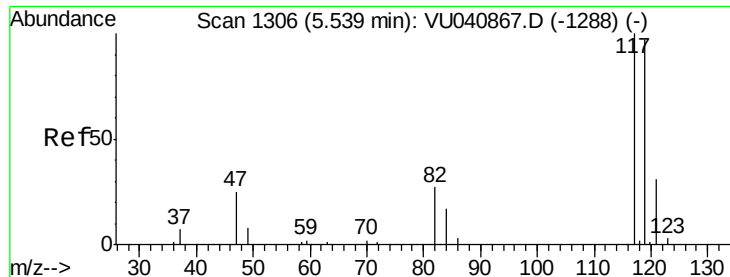


Abundance Ion 56.10 (55.80 to 56.80): VU040869.D (-1171) (-)

Ion 69.15 (68.85 to 69.85): VU040869.D (-1171) (-)

Ion 84.15 (83.85 to 84.85): VU040869.D (-1171) (-)





#31

Carbon tetrachloride

Concen: 21.011 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

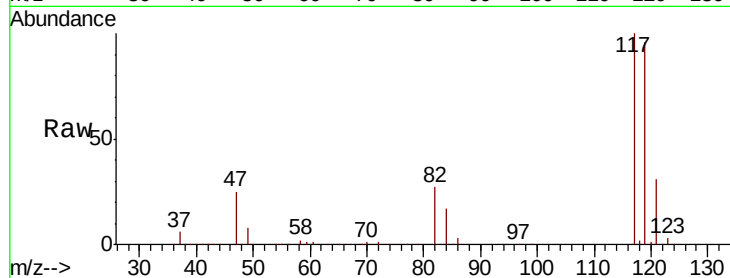
VSTD02004

Tot Ion:117 Resp: 616813

Ion Ratio Lower Upper

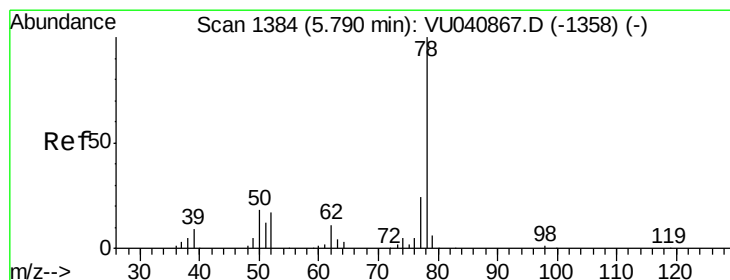
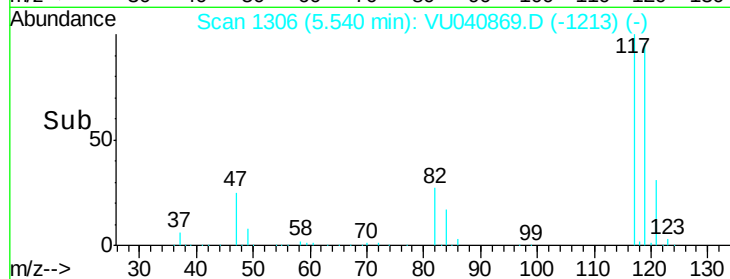
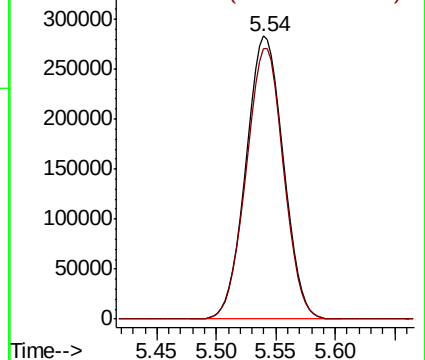
117 100

119 95.6 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 21.127 ug/L

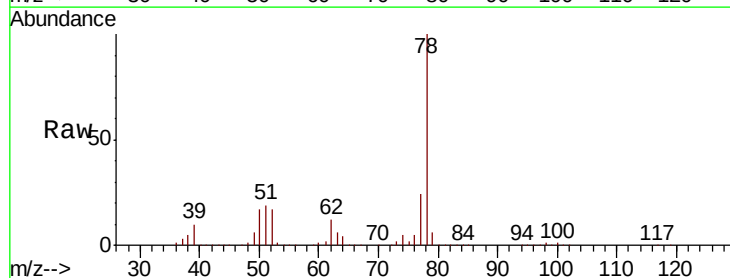
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

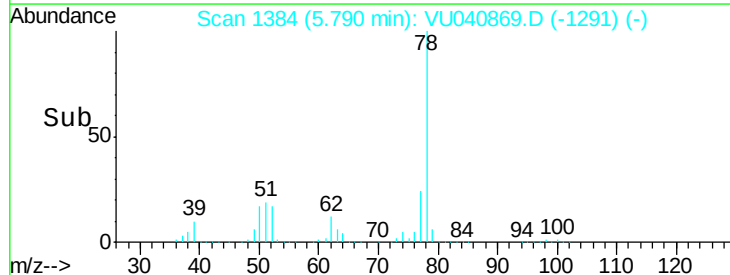
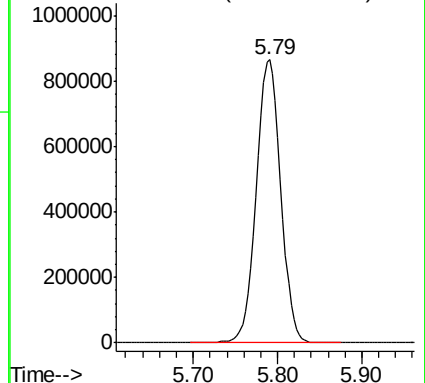
Lab File: VU040869.D

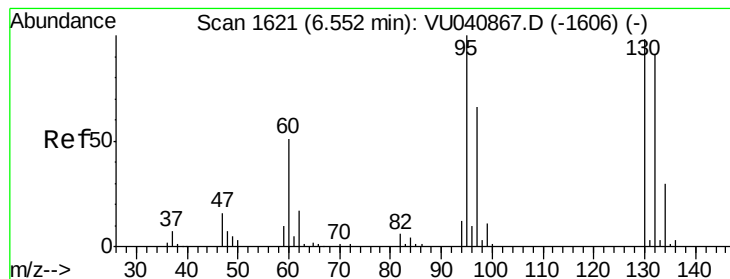
Acq: 21 Oct 2020 13:00

Tgt Ion: 78 Resp: 1738907



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 20.797 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

Tot Ion: 95 Resp: 440246

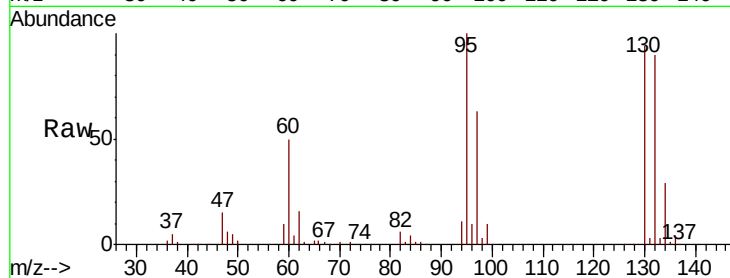
Ion Ratio Lower Upper

95 100

97 63.5 46.0 85.4

132 89.9 63.6 118.2

130 94.2 68.6 127.4

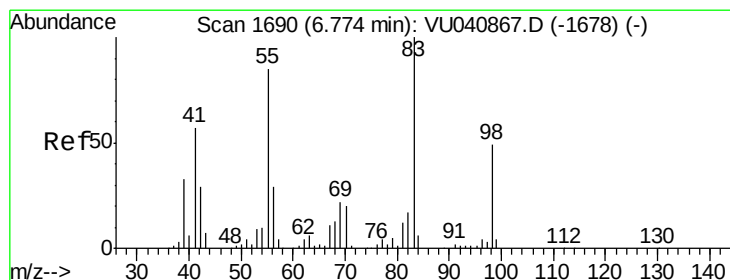
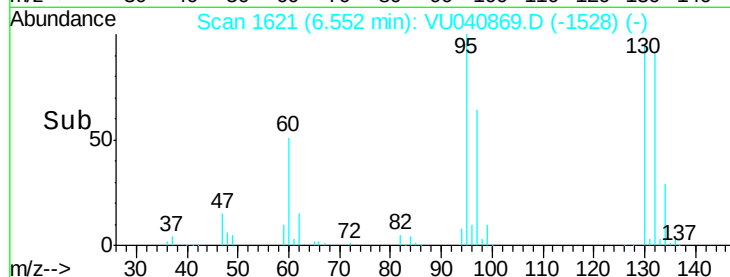
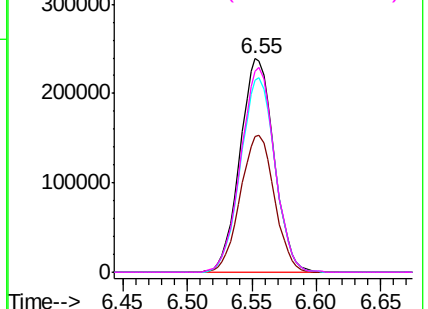


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 24.034 ug/L

RT: 6.77 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

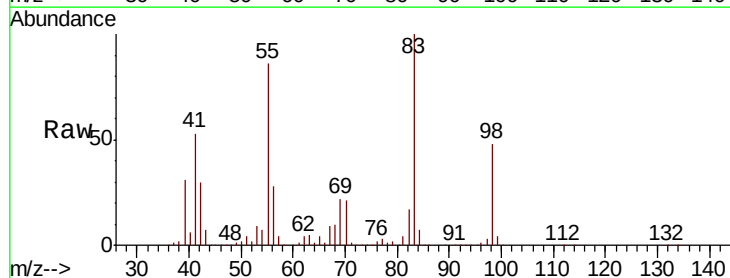
Tgt Ion: 83 Resp: 732550

Ion Ratio Lower Upper

83 100

55 85.9 69.1 103.7

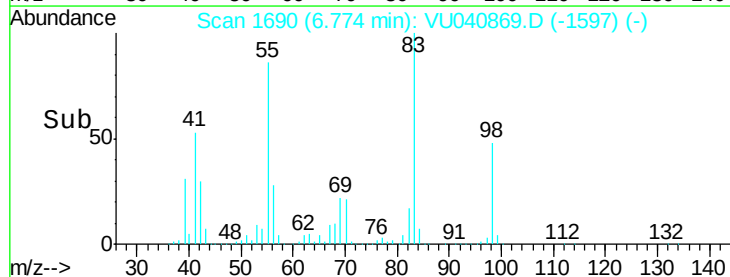
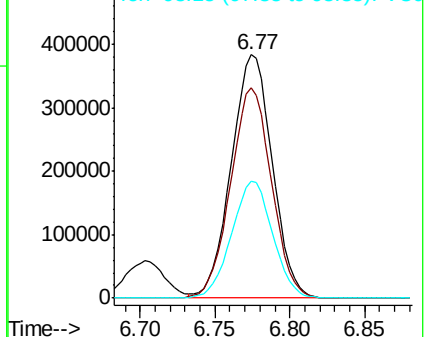
98 48.2 37.8 56.6

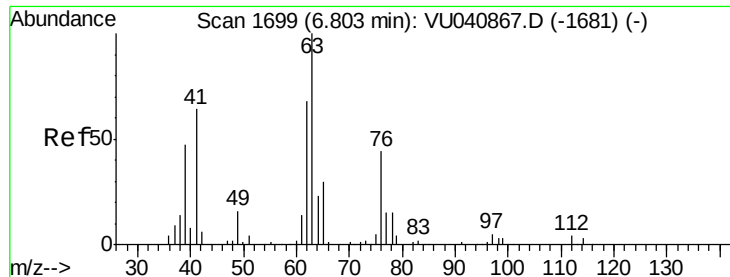


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

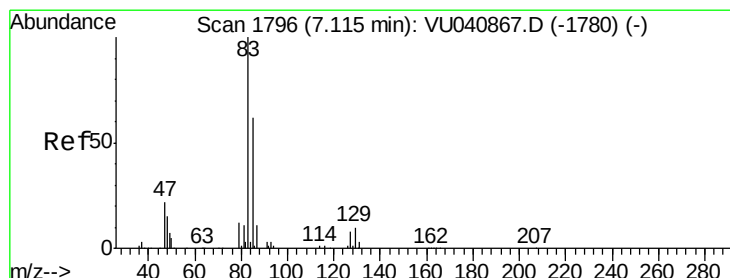
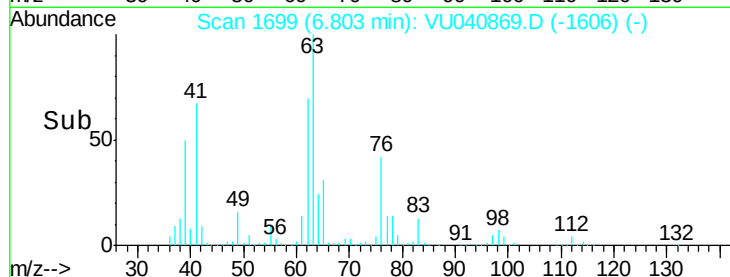
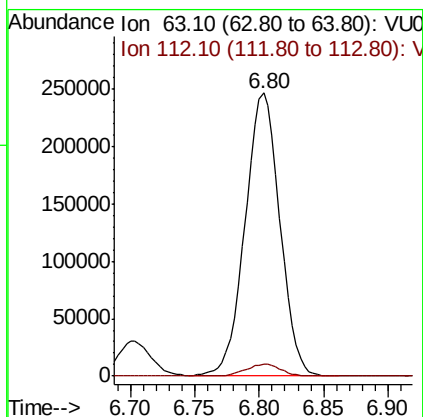
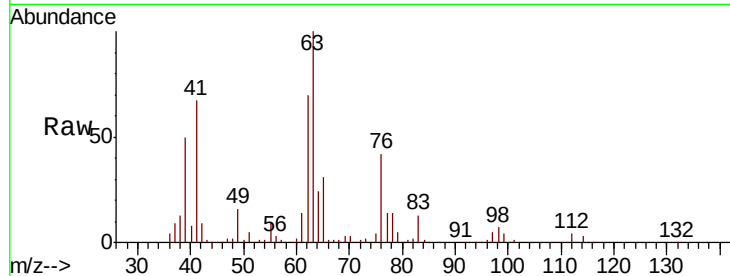




#37
 1,2-Dichloropropane
 Concen: 20.341 ug/L
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

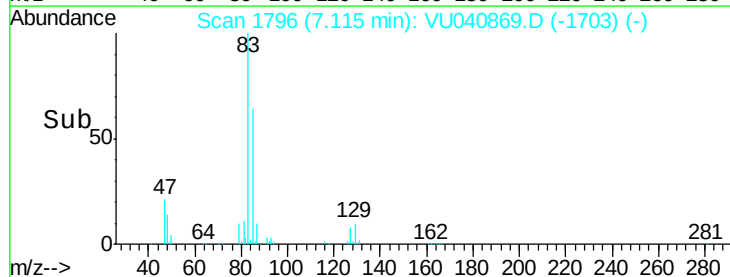
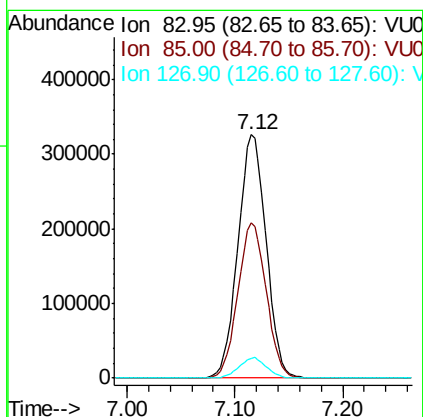
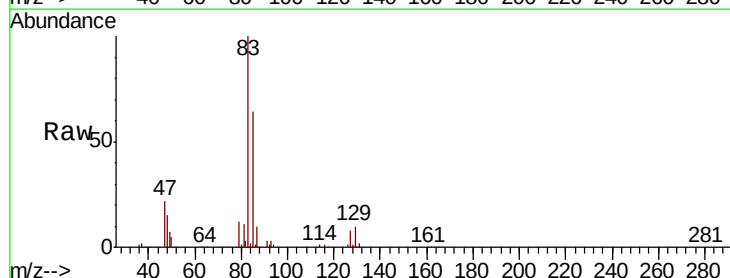
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD02004

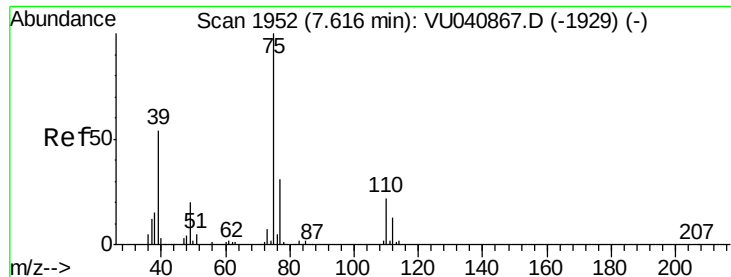
Tot Ion: 63 Resp: 462166
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.0 4.6



#38
 Bromodichloromethane
 Concen: 20.408 ug/L
 RT: 7.12 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion: 83 Resp: 591185
 Ion Ratio Lower Upper
 83 100
 85 63.6 43.3 80.5
 127 8.1 6.2 9.4

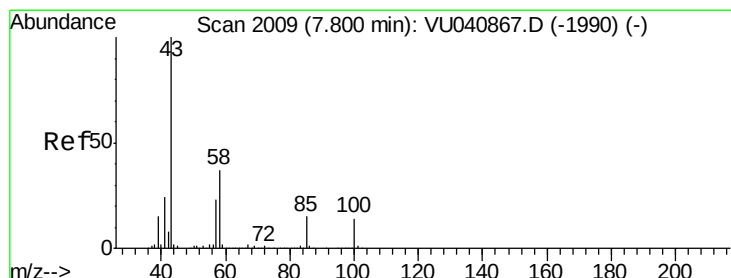
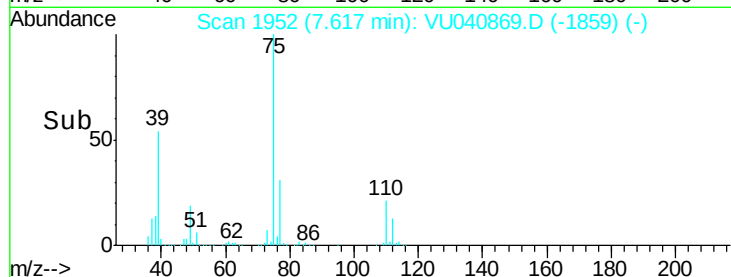
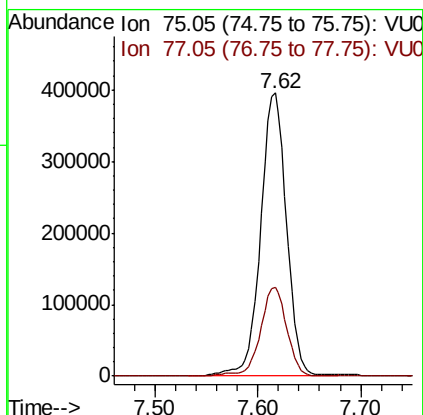
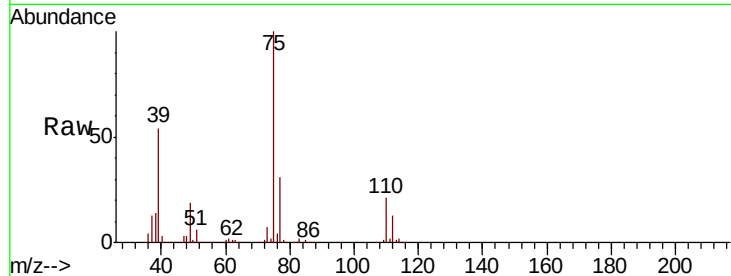




#39
 cis-1,3-Dichloropropene
 Concen: 22.190 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

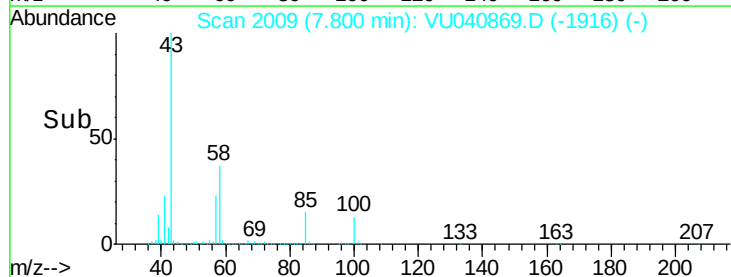
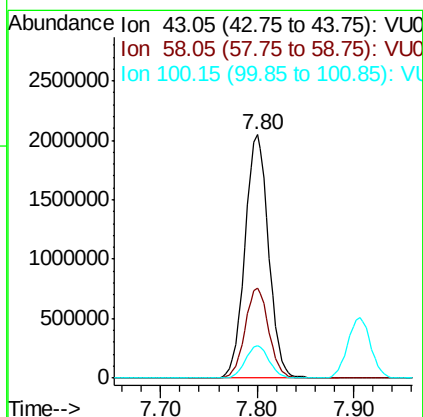
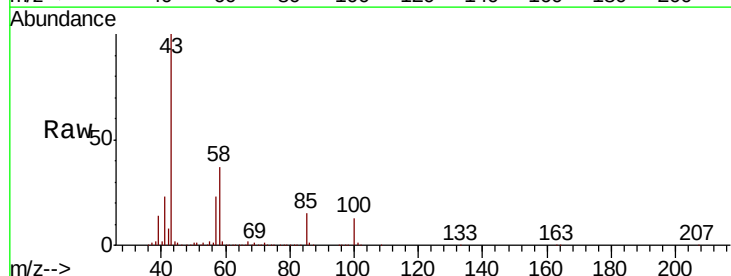
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

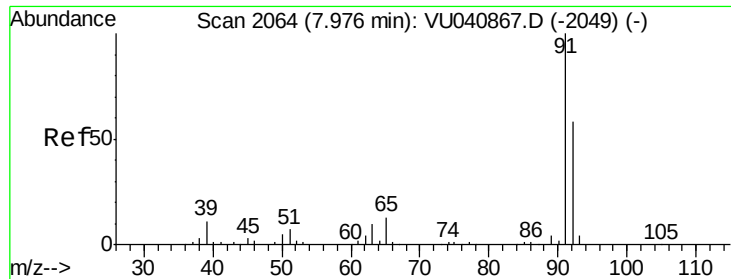
Tot Ion: 75 Resp: 687574
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 197.870 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion: 43 Resp: 3463478
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.7 44.5
 100 13.3 10.6 16.0





#42

Toluene

Concen: 21.760 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

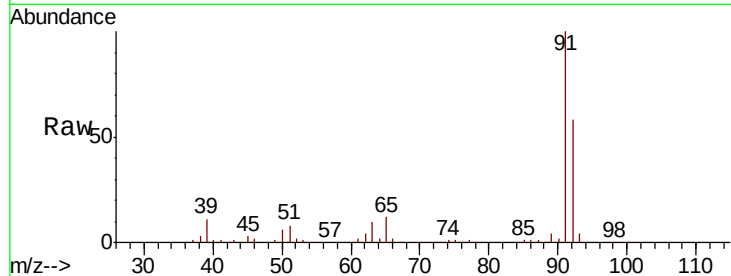
VSTD02004

Tot Ion: 91 Resp: 1819286

Ion Ratio Lower Upper

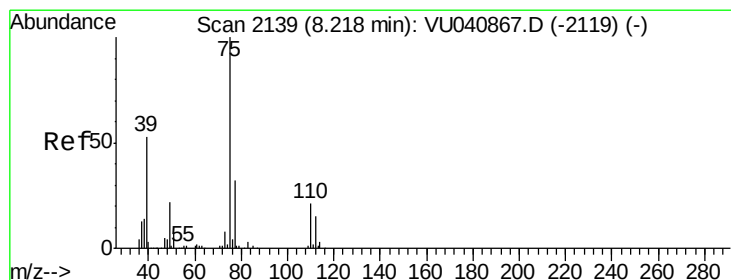
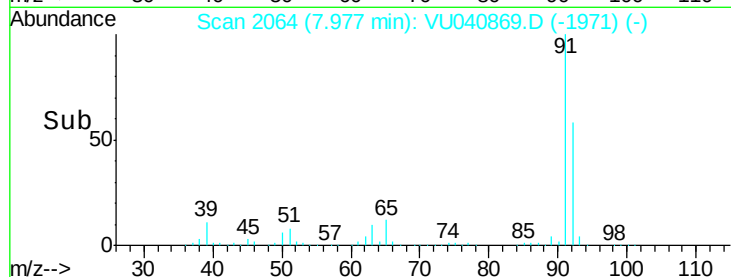
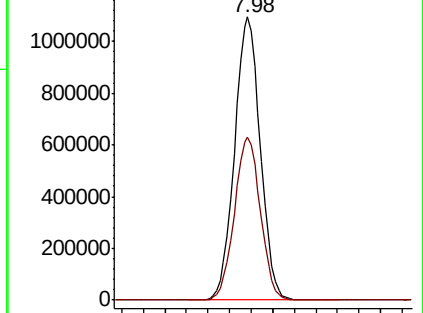
91 100

92 57.7 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU040869.D (-1971) (-)

Ion 92.15 (91.85 to 92.85): VU040869.D (-1971) (-)



#44

trans-1,3-Dichloropropene

Concen: 21.545 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040869.D

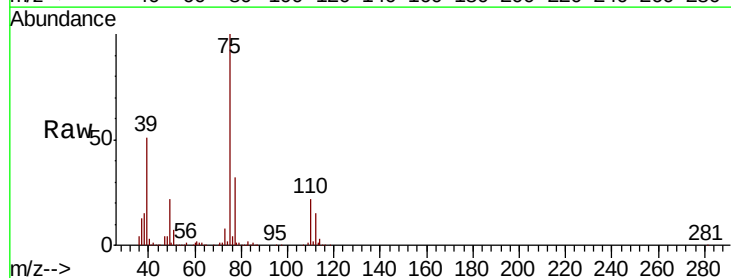
Acq: 21 Oct 2020 13:00

Tgt Ion: 75 Resp: 610287

Ion Ratio Lower Upper

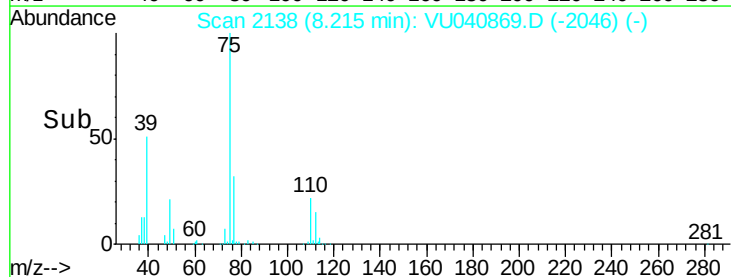
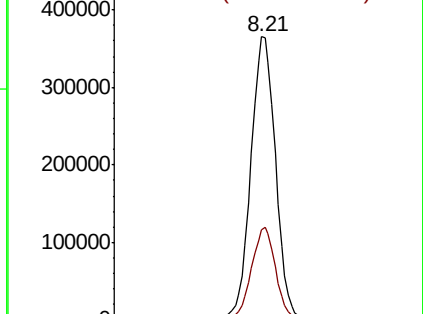
75 100

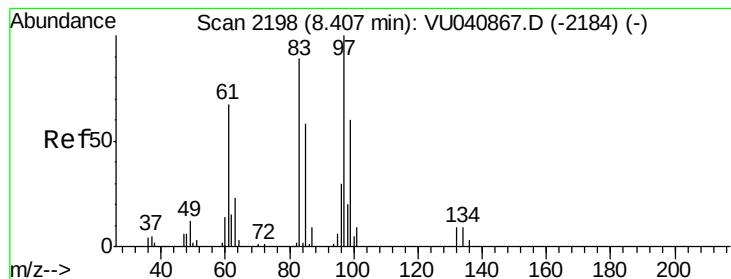
77 31.8 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VU040869.D (-2046) (-)

Ion 77.05 (76.75 to 77.75): VU040869.D (-2046) (-)





#45

1,1,2-Trichloroethane

Concen: 18.575 ug/L

RT: 8.41 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampled :

VSTD02004

Tot Ion: 97 Resp: 311812

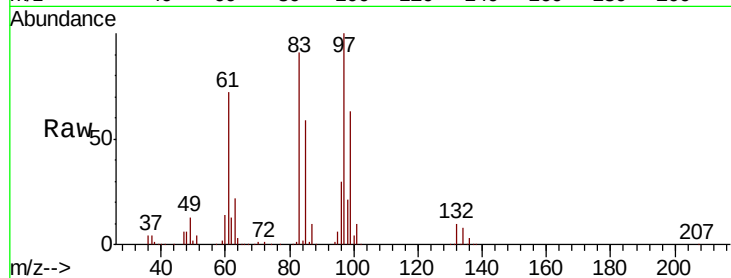
Ion Ratio Lower Upper

97 100

99 62.9 42.1 78.1

83 90.8 62.0 115.2

85 59.0 40.3 74.8

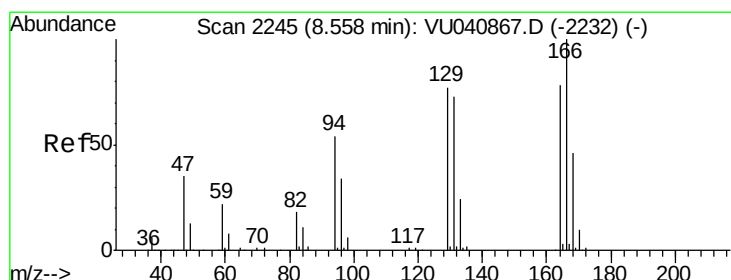
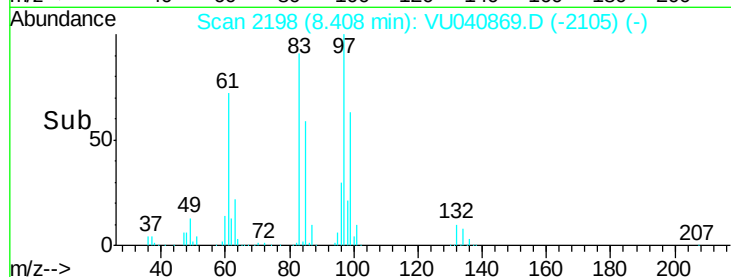
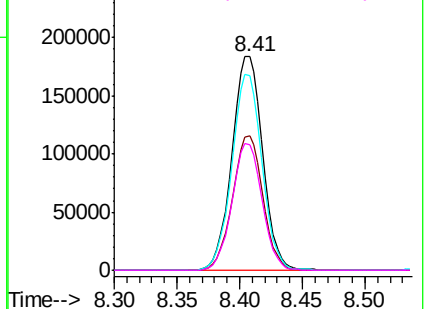


Abundance Ion 96.95 (96.65 to 97.65): VU0

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: 21.573 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Tgt Ion:164 Resp: 326288

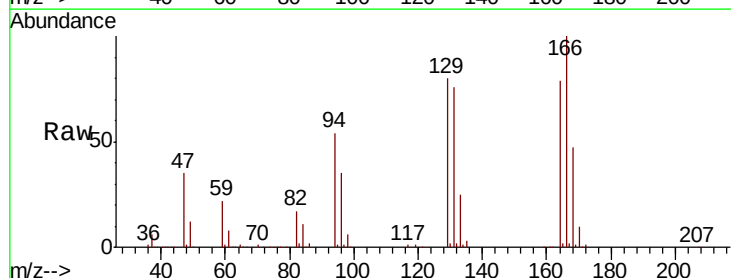
Ion Ratio Lower Upper

164 100

129 100.8 69.7 129.4

131 95.9 65.4 121.4

166 126.5 90.0 167.2

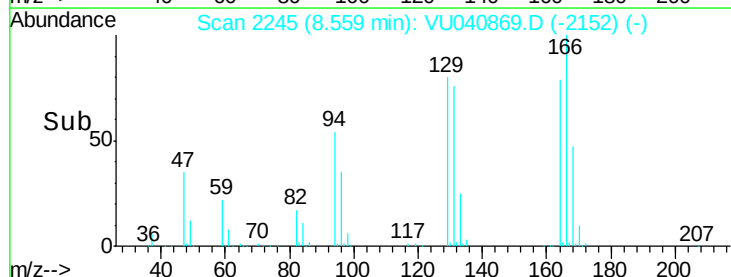
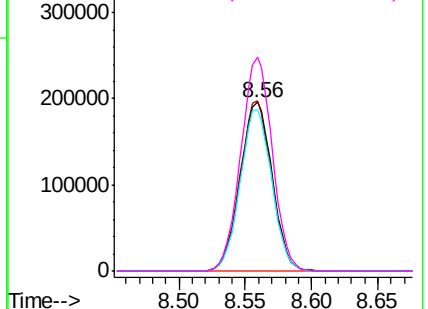


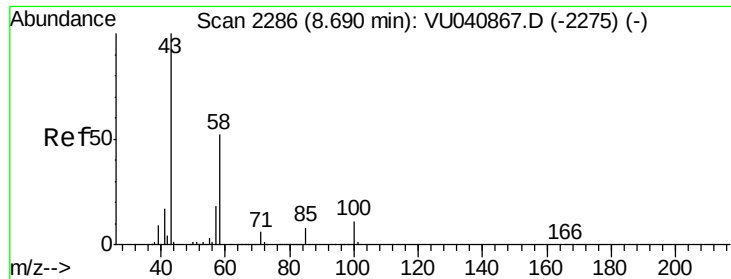
Abundance Ion 163.90 (163.60 to 164.60): V

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



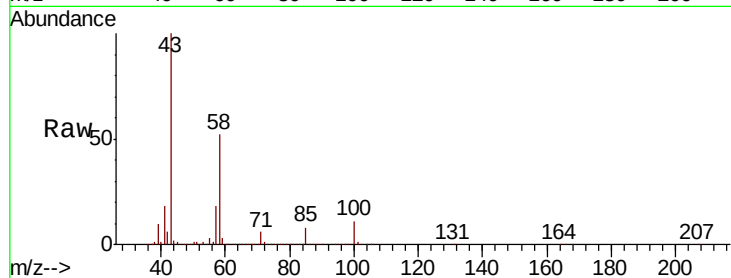


#48
2-Hexanone
Concen: 190.637 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040869.D
Acq: 21 Oct 2020 13:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

Tot Ion: 43 Resp: 2477390

Ion	Ratio	Lower	Upper
43	100		
58	52.0	40.9	61.3
57	18.0	14.4	21.6
100	10.6	8.3	12.5



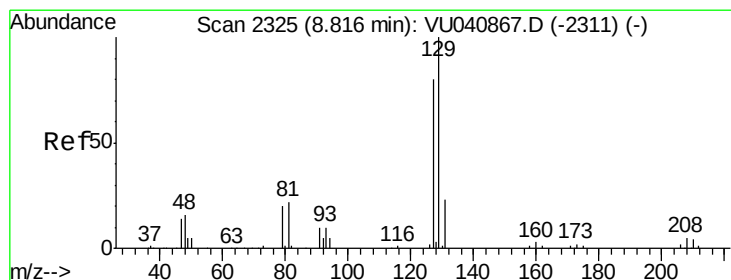
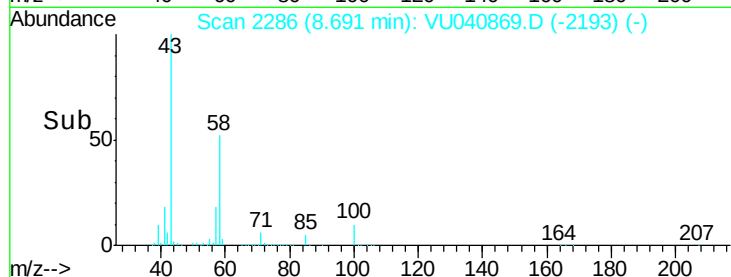
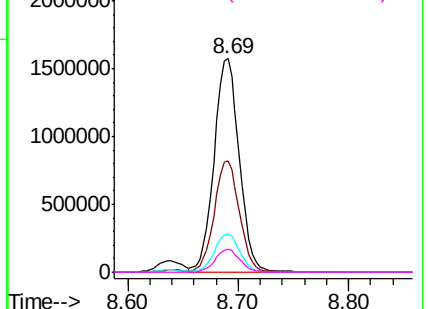
Abundance

Ion 43.05 (42.75 to 43.75): VU040869.D (-2193) (-)

Ion 58.05 (57.75 to 58.75): VU040869.D (-2193) (-)

Ion 57.20 (56.90 to 57.90): VU040869.D (-2193) (-)

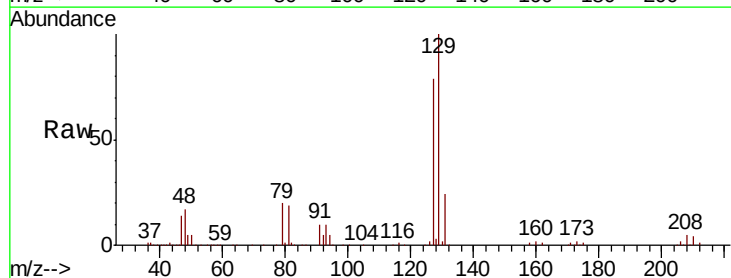
Ion 100.15 (99.85 to 100.85): VU040869.D (-2193) (-)



#49
Dibromochloromethane
Concen: 19.633 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VU040869.D
Acq: 21 Oct 2020 13:00

Tgt Ion: 129 Resp: 379735

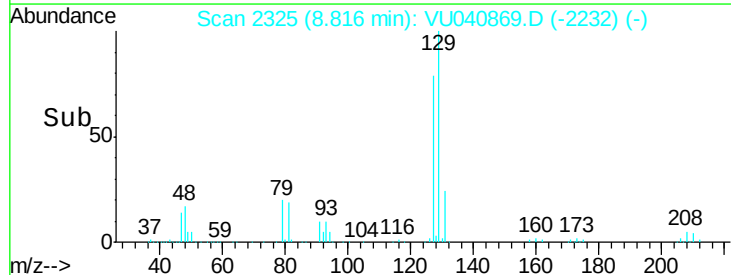
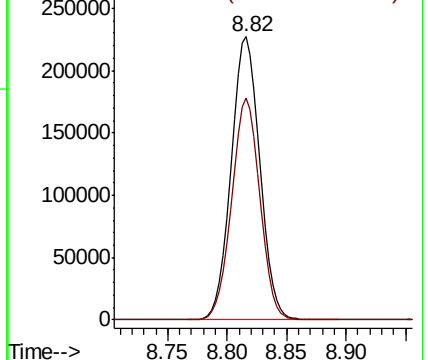
Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.9	103.9

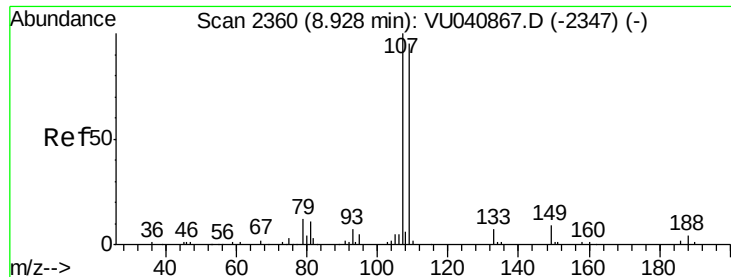


Abundance

Ion 128.95 (128.65 to 129.65): VU040869.D (-2232) (-)

Ion 126.90 (126.60 to 127.60): VU040869.D (-2232) (-)

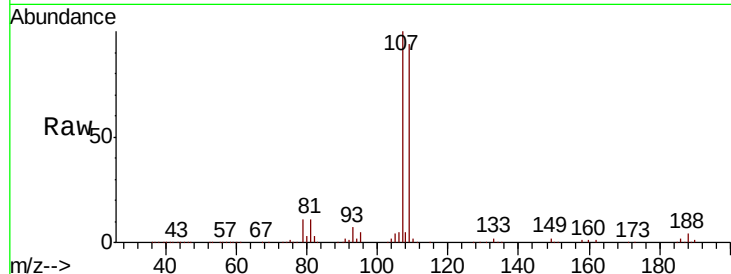




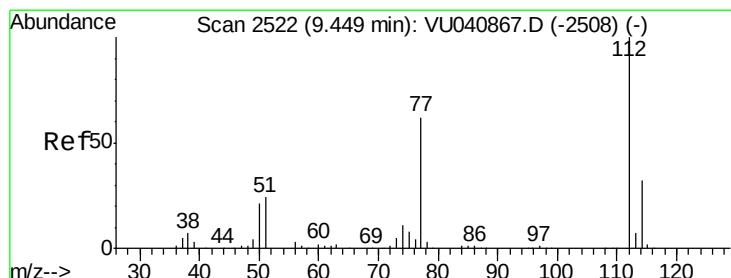
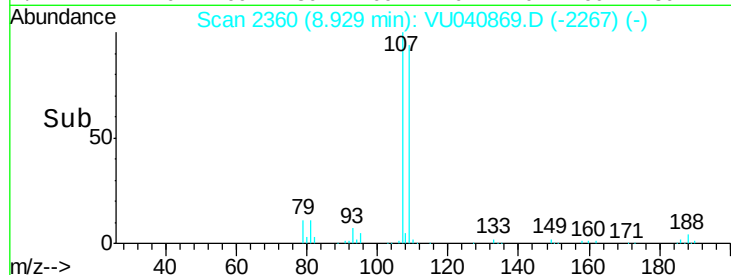
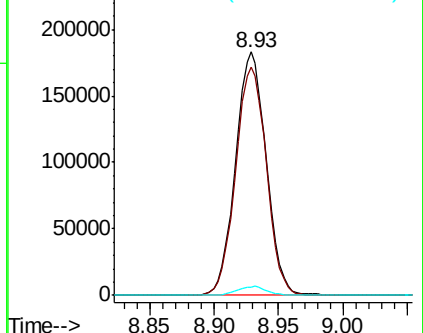
#50
 1,2-Dibromoethane
 Concen: 18.899 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	66.2	123.0
188	3.5	3.1	4.7

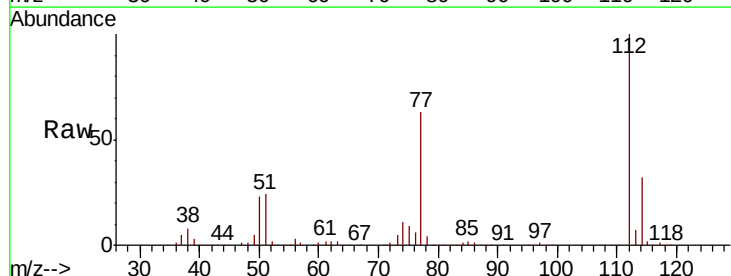


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

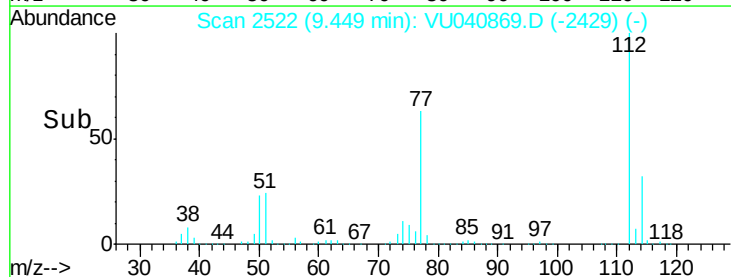
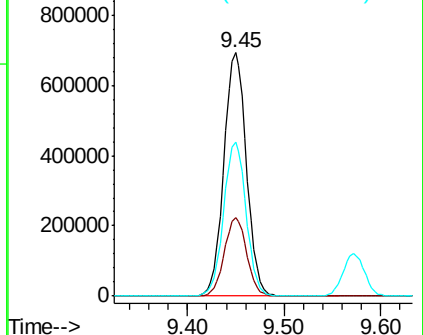


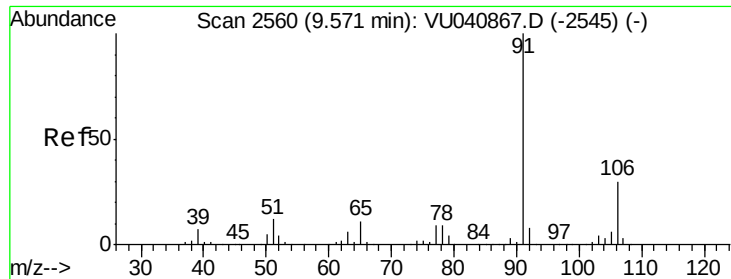
#51
 Chlorobenzene
 Concen: 20.461 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.3
77	63.0	49.8	74.6



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: 22.679 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampled :

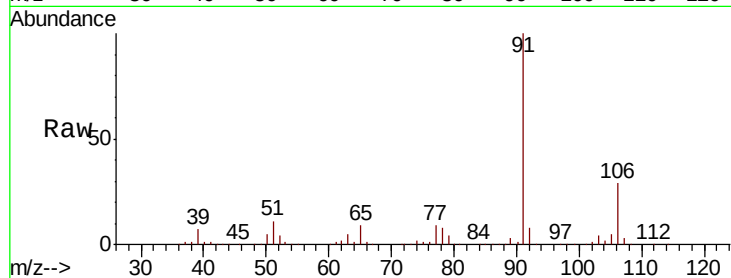
VSTD02004

Tot Ion: 91 Resp: 2037986

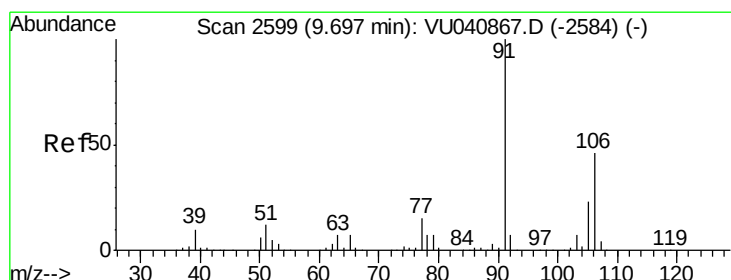
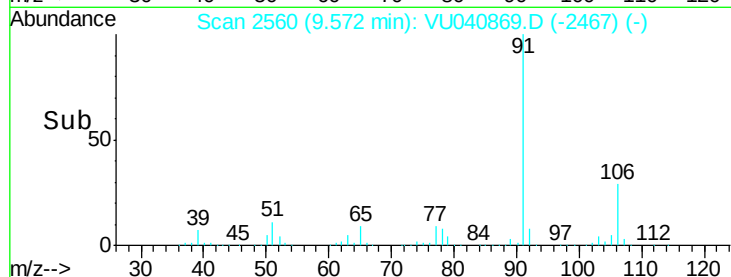
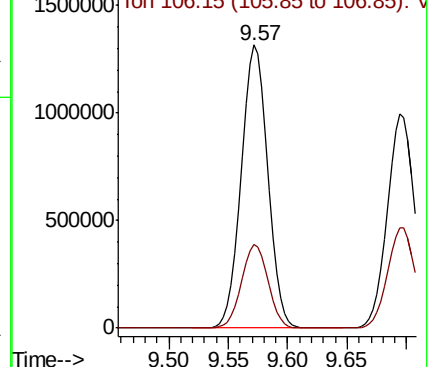
Ion Ratio Lower Upper

91 100

106 29.4 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VU040869.D (-2467) (-)



#53

m,p-Xylene

Concen: 23.006 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040869.D

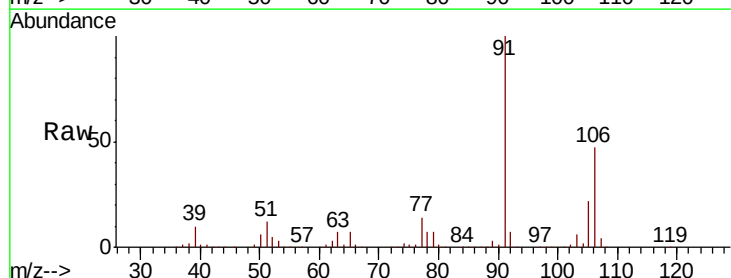
Acq: 21 Oct 2020 13:00

Tgt Ion: 106 Resp: 751996

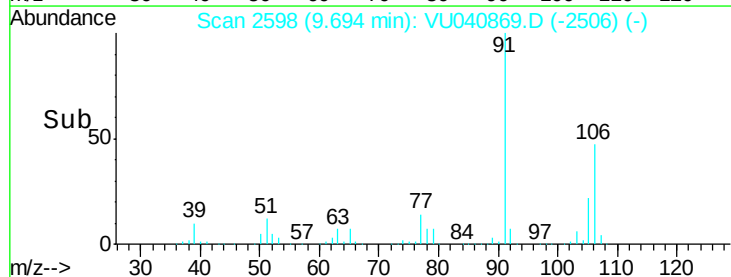
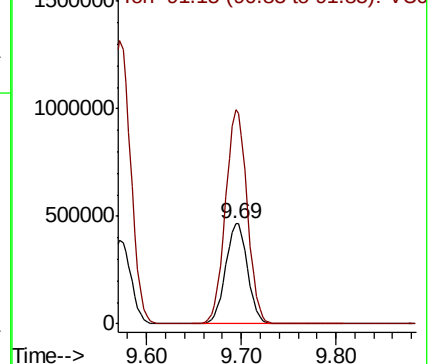
Ion Ratio Lower Upper

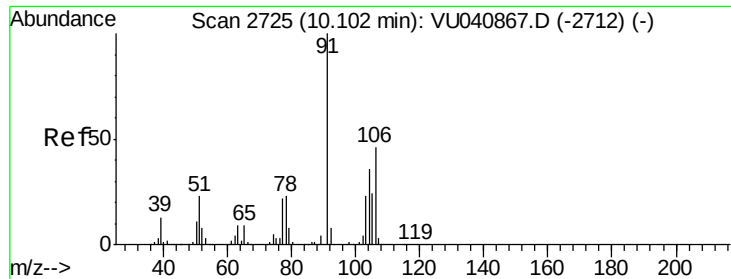
106 100

91 214.1 153.3 284.7



Abundance Ion 106.15 (105.85 to 106.85): VU040869.D (-2506) (-)





#54

o-Xylene

Concen: 22.965 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

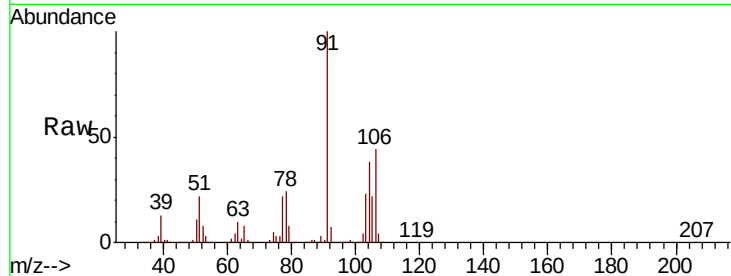
VSTD02004

Tot Ion:106 Resp: 718960

Ion Ratio Lower Upper

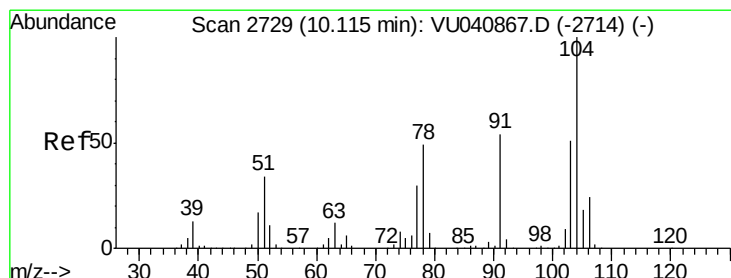
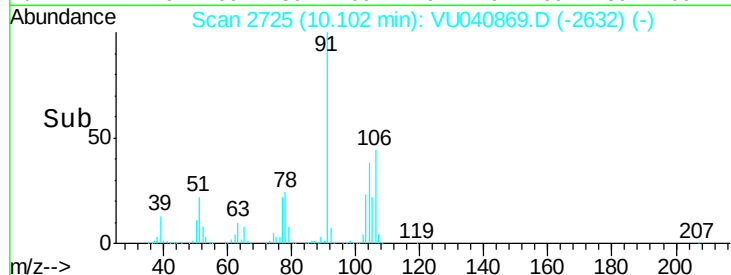
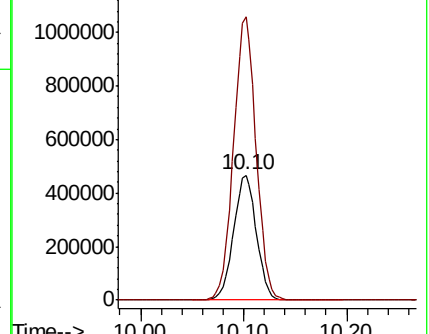
106 100

91 226.3 153.6 285.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 22.960 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040869.D

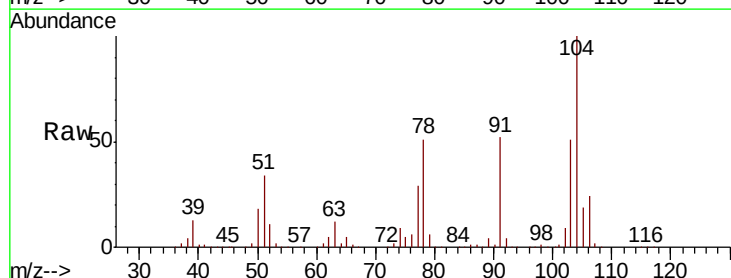
Acq: 21 Oct 2020 13:00

Tgt Ion:104 Resp: 1254142

Ion Ratio Lower Upper

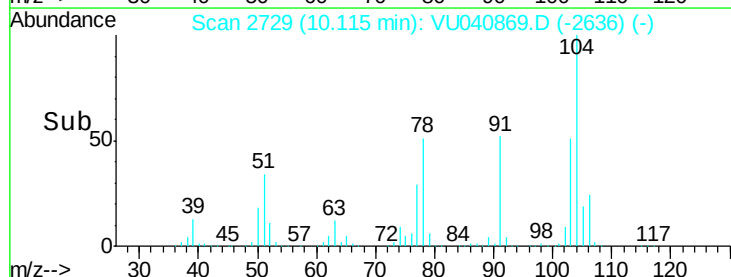
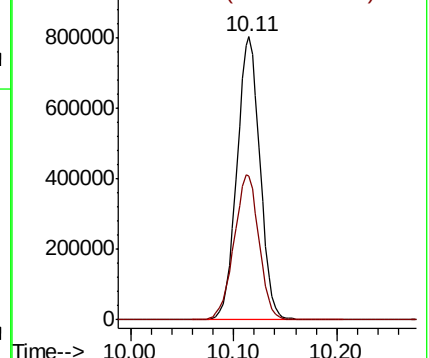
104 100

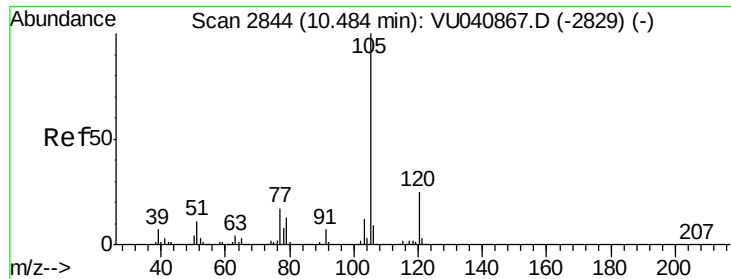
78 50.9 34.6 64.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 22.881 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

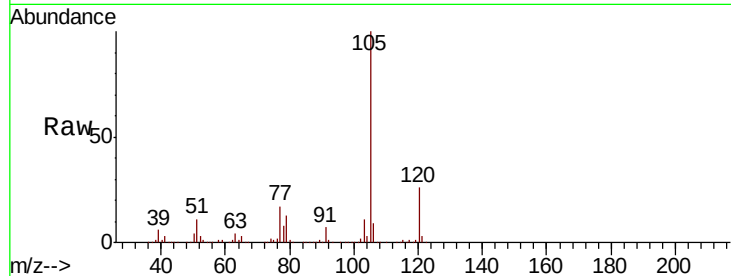
Tot Ion:105 Resp: 1935123

Ion Ratio Lower Upper

105 100

120 25.9 20.2 30.4

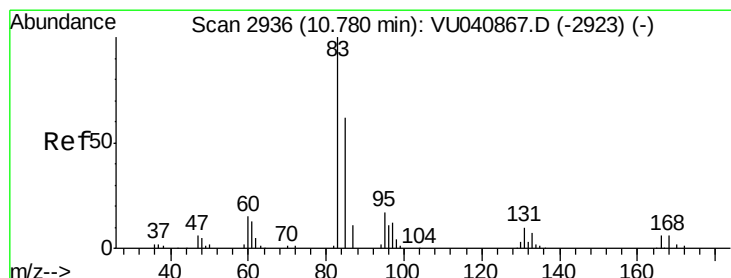
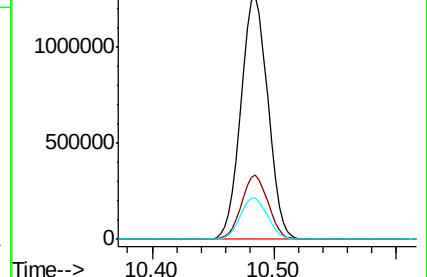
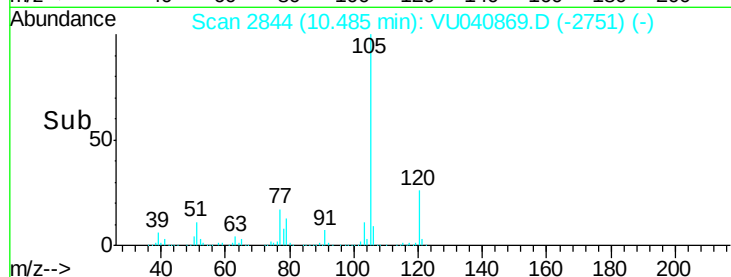
77 17.2 13.6 20.4



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: 18.684 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

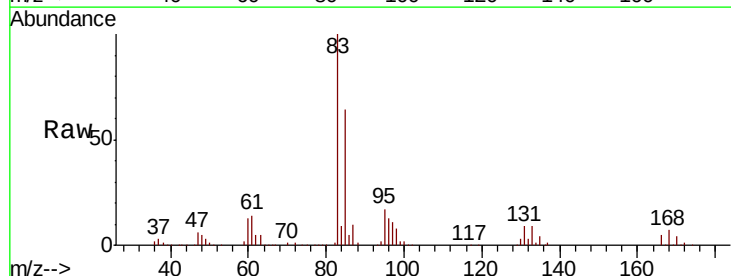
Tgt Ion: 83 Resp: 411065

Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

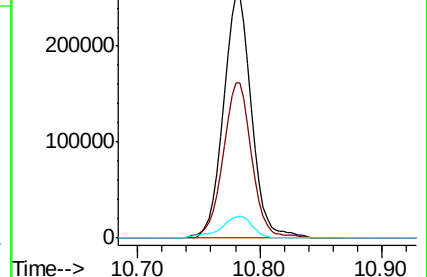
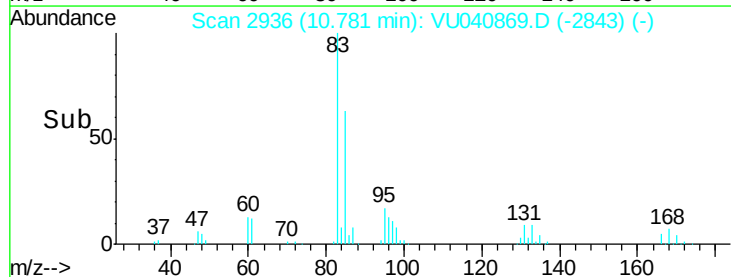
131 8.8 8.1 12.1

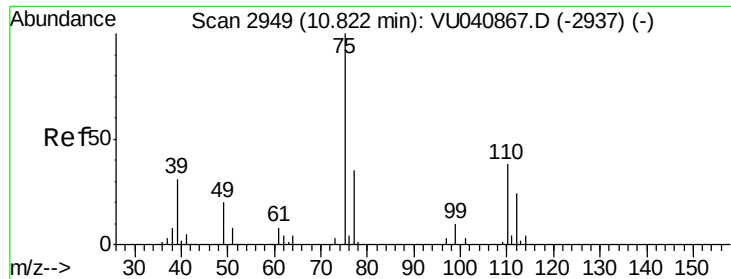


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 18.286 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

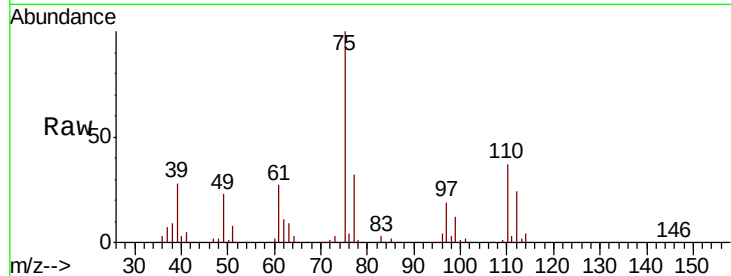
VSTD02004

Tot Ion: 75 Resp: 299967

Ion Ratio Lower Upper

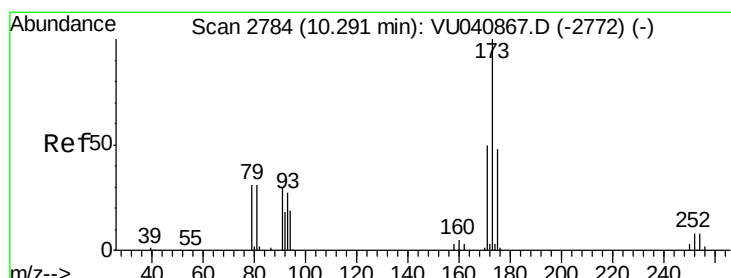
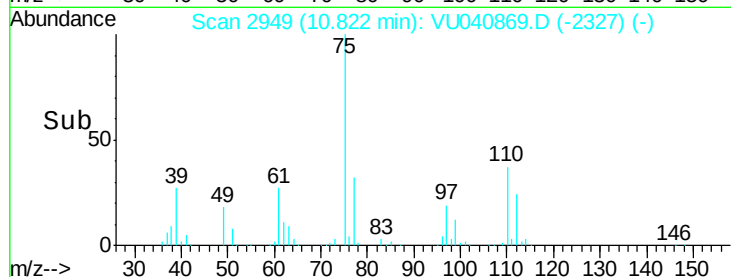
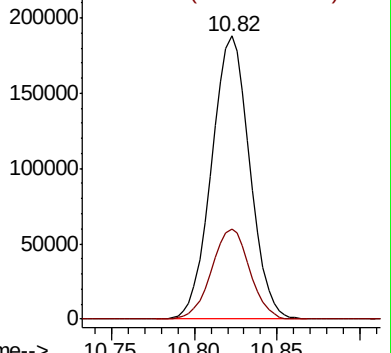
75 100

77 32.1 27.5 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#61

Bromoform

Concen: 18.608 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

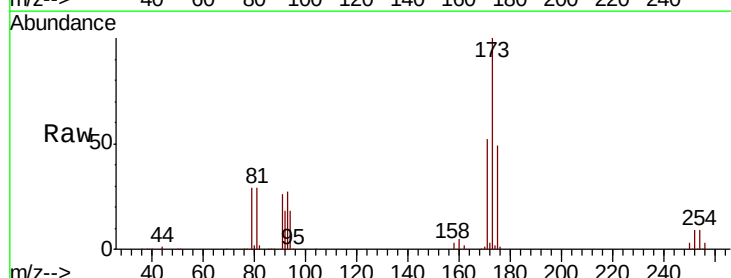
Tgt Ion: 173 Resp: 207423

Ion Ratio Lower Upper

173 100

175 47.8 39.0 58.6

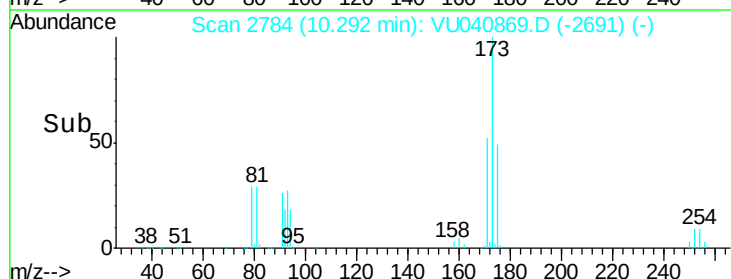
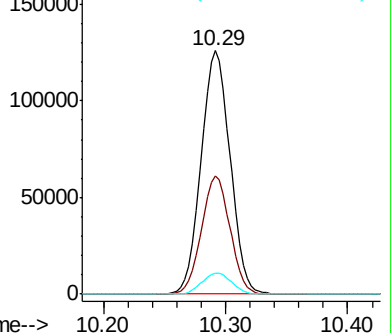
254 8.7 6.9 10.3

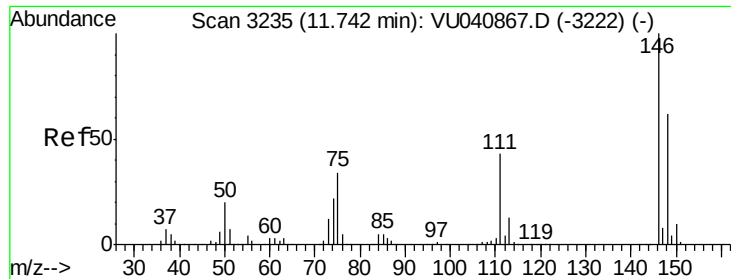


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

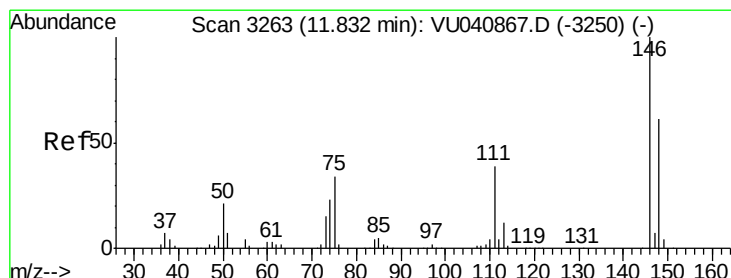
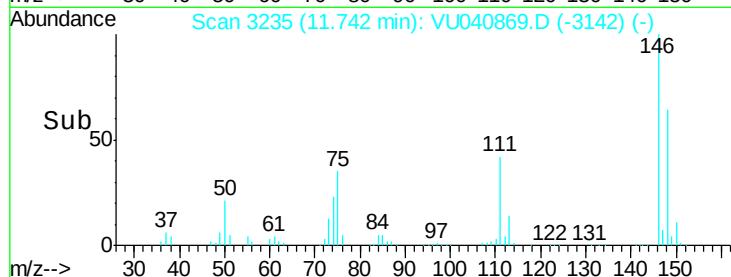
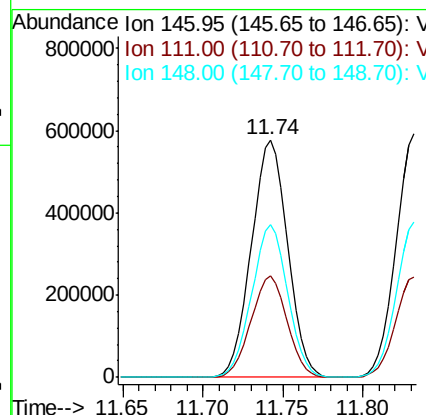
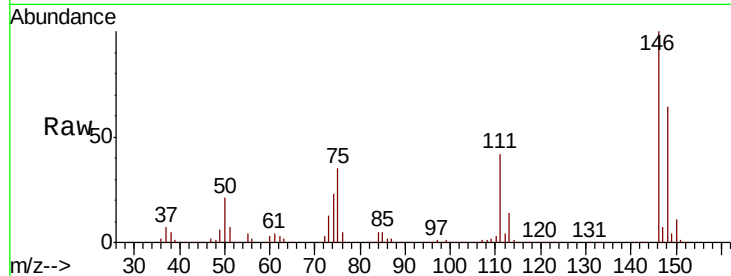




#62
 1,3-Dichlorobenzene
 Concen: 20.498 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

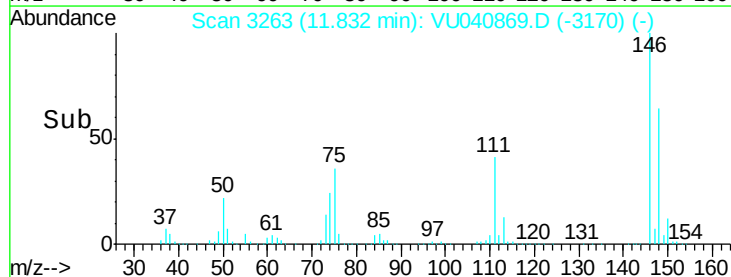
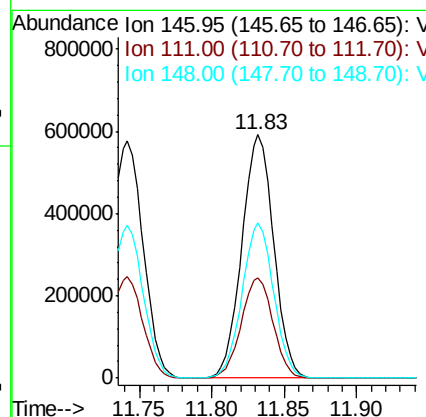
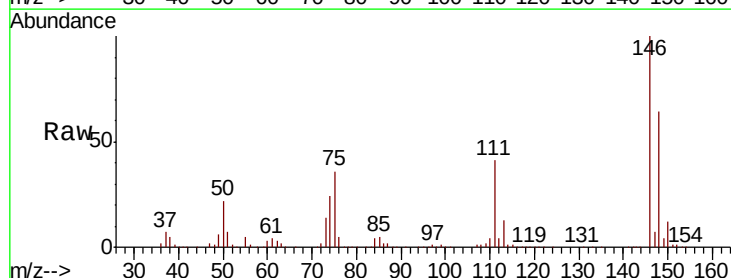
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

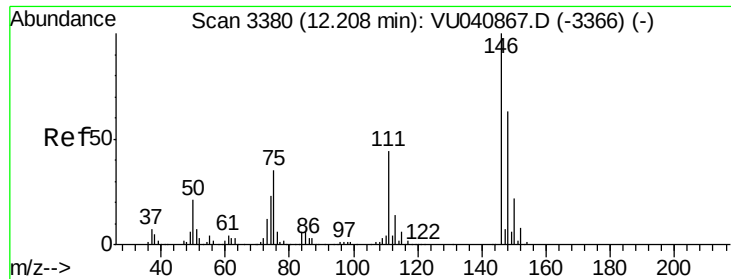
Tot Ion:146 Resp: 897264
 Ion Ratio Lower Upper
 146 100
 111 42.5 30.2 56.2
 148 64.2 43.7 81.1



#63
 1,4-Dichlorobenzene
 Concen: 20.043 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion:146 Resp: 903545
 Ion Ratio Lower Upper
 146 100
 111 41.3 27.6 51.4
 148 63.6 42.4 78.8

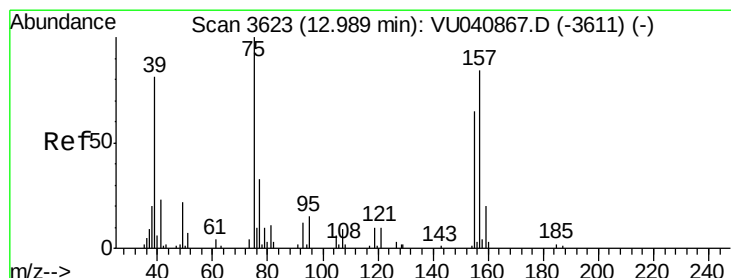
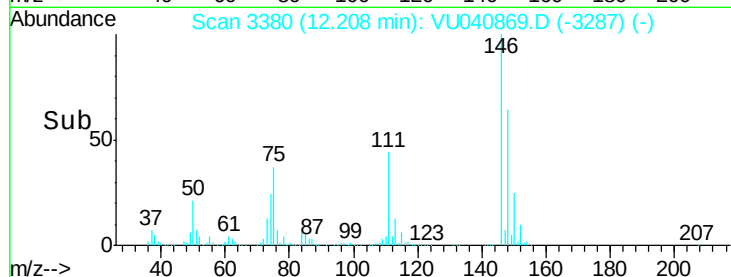
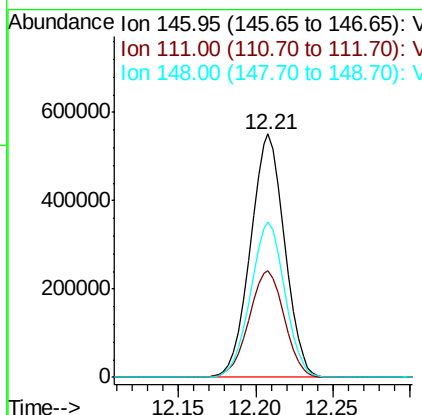
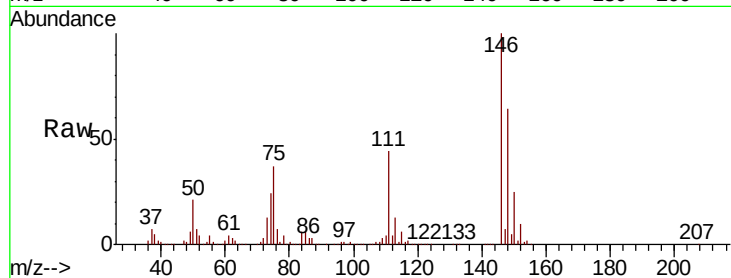




#65
 1,2-Dichlorobenzene
 Concen: 20.007 ug/L
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

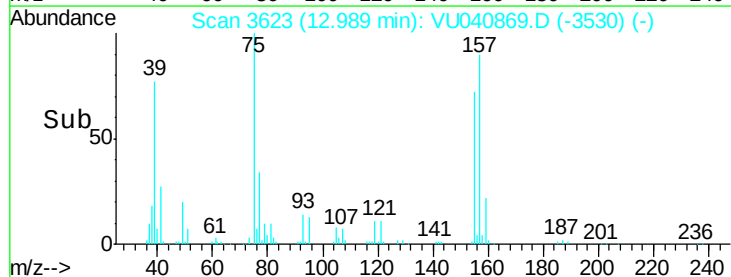
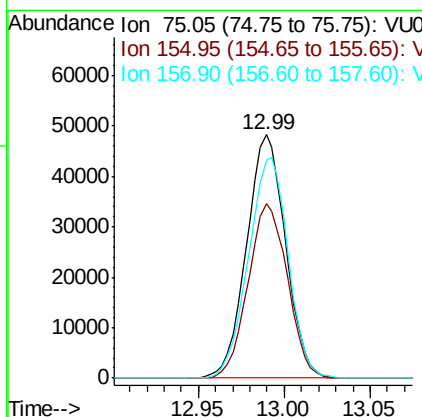
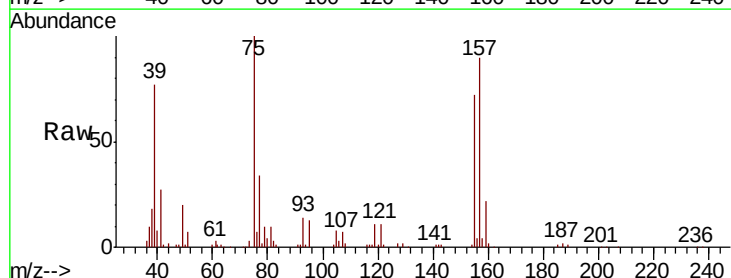
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

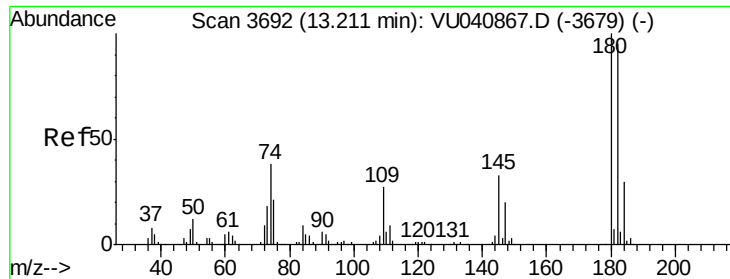
Tot Ion:146 Resp: 848768
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.4 53.2
 148 63.9 50.7 76.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 20.433 ug/L
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion: 75 Resp: 75749
 Ion Ratio Lower Upper
 75 100
 155 71.7 51.7 77.5
 157 89.7 66.9 100.3

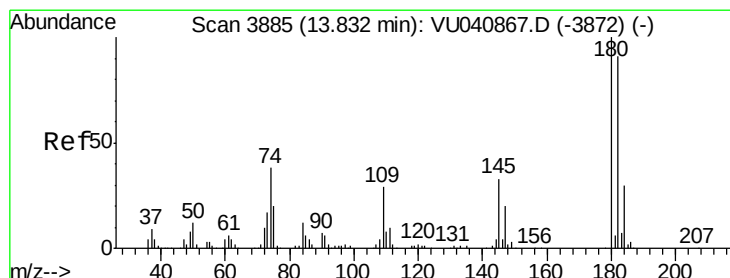
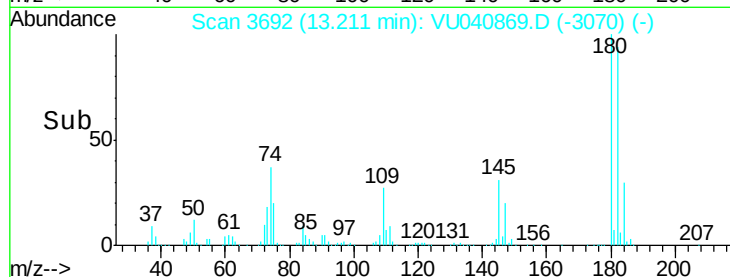
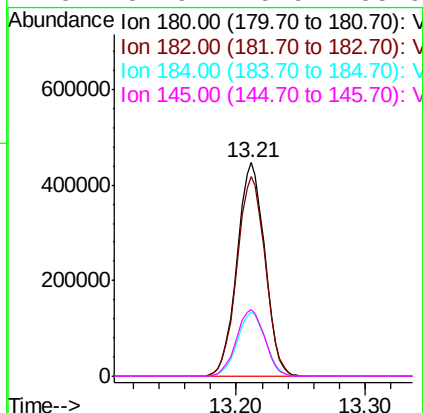
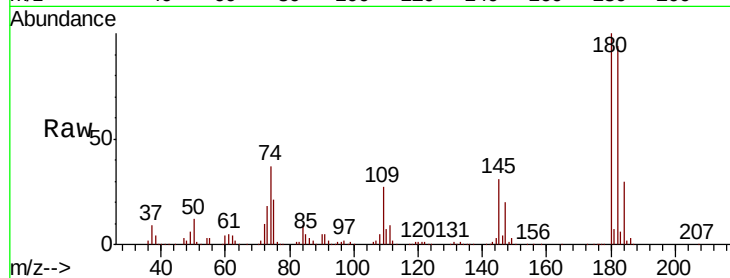




#67
 1,3,5-Trichlorobenzene
 Concen: 21.497 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

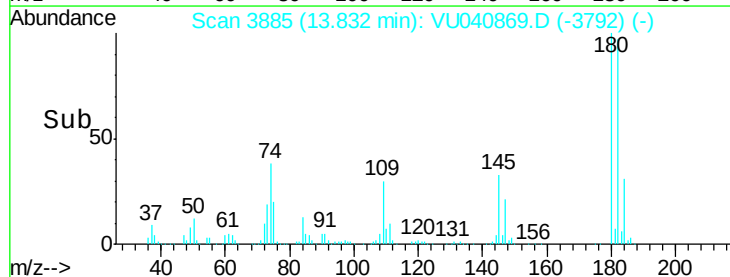
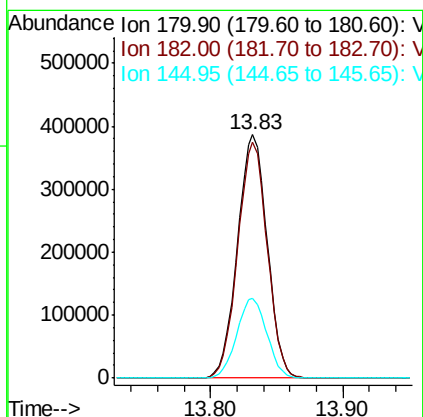
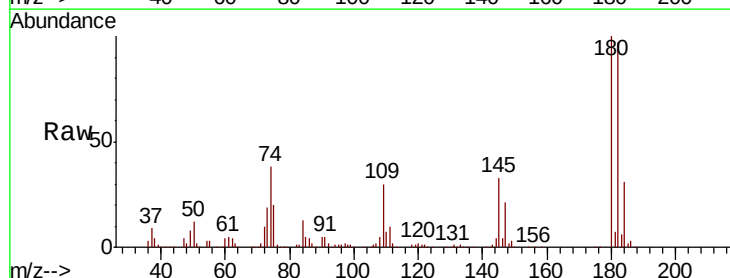
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

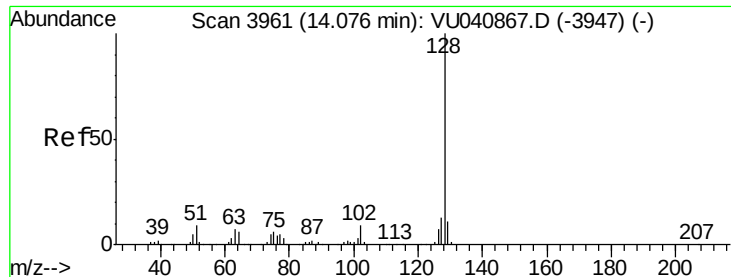
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.6	116.4
184	30.3	24.7	37.1
145	31.9	25.9	38.9



#68
 1,2,4-trichlorobenzene
 Concen: 24.732 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040869.D
 Acq: 21 Oct 2020 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	33.2	26.2	39.2





#69

Naphthalene

Concen: 29.860 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Instrument :

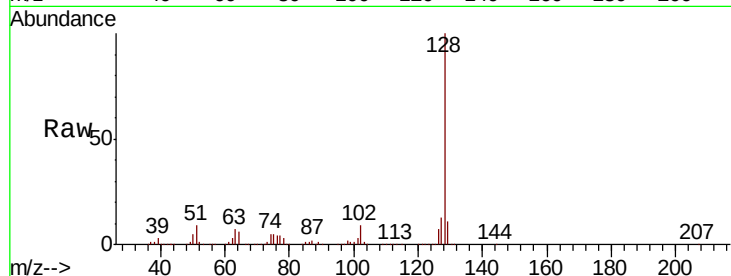
MSVOA_U

ClientSampleId :

VSTD02004

Tot Ion:128 Resp: 1211030

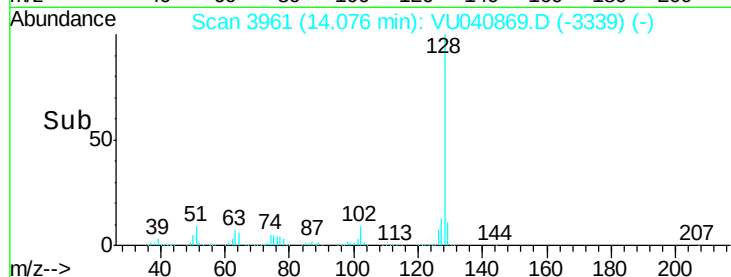
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.2	10.3	15.5



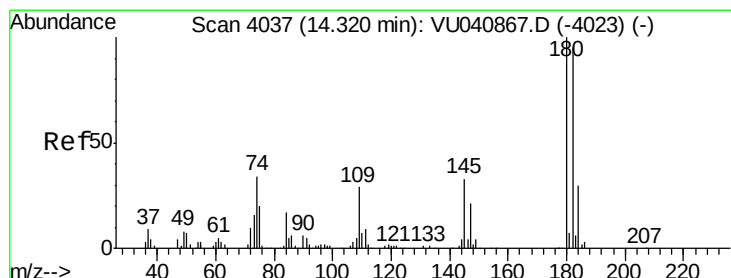
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#70

1,2,3-Trichlorobenzene

Concen: 24.600 ug/L

RT: 14.32 min Scan# 4037

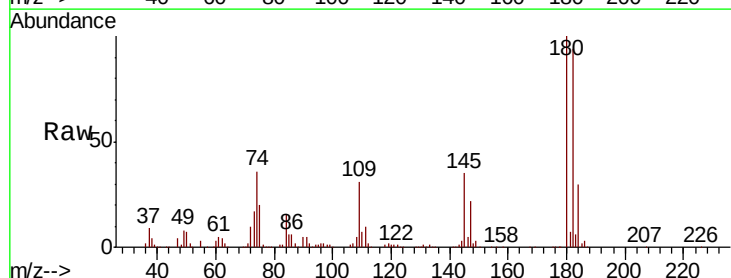
Delta R.T. 0.00 min

Lab File: VU040869.D

Acq: 21 Oct 2020 13:00

Tgt Ion:180 Resp: 554330

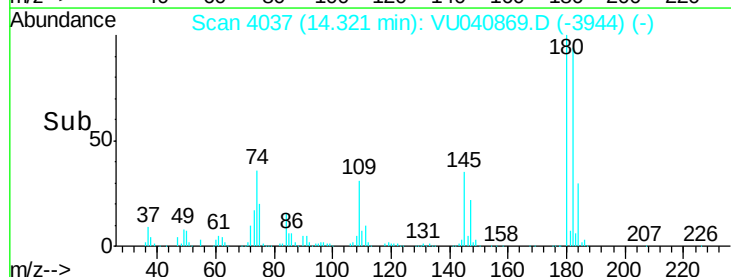
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	35.1	28.2	42.2



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



Time-->