

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040935.D
 Acq On : 26 Oct 2020 11:11
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Oct 27 02:23:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 02:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	5082	1.15	ug/L	0.00
7) Chloroethane-d5	1.92	69	3709	0.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	9810	1.06	ug/L	0.00
20) 2-Butanone-d5	4.67	46	15636	10.09	ug/L	0.00
24) Chloroform-d	5.08	84	8804	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	5861	1.11	ug/L	0.00
32) Benzene-d6	5.74	84	15086	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	4981	0.90	ug/L	0.00
41) Toluene-d8	7.91	98	13621	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1874	0.82	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	9658	8.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	4745	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	4905	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	6071	0.995 ug/L	95
3) Chloromethane	1.53	50	5788	0.885 ug/L	95
5) Vinyl chloride	1.61	62	6054	0.983 ug/L	97
6) Bromomethane	1.87	94	3272	1.020 ug/L	90
8) Chloroethane	1.94	64	3752	0.945 ug/L	100
9) Trichlorofluoromethane	2.15	101	8422	1.030 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4721	0.991 ug/L	97
12) 1,1-Dichloroethene	2.59	96	4379	0.985 ug/L	99
13) Acetone	2.67	43	4080	3.740 ug/L	74
14) Carbon disulfide	2.81	76	15325	0.978 ug/L	99
15) Methyl Acetate	2.97	43	2619	0.980 ug/L	74
16) Methylene chloride	3.06	84	5499	1.005 ug/L	96
17) Methyl tert-butyl Ether	3.39	73	10542	0.963 ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	4468	0.974 ug/L	95
19) 1,1-Dichloroethane	3.89	63	9241	1.001 ug/L	97
21) 2-Butanone	4.75	43	18074	11.054 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	4516	0.901 ug/L	88
23) Bromochloromethane	5.00	128	2245	0.994 ug/L	95
25) Chloroform	5.11	83	9245	0.982 ug/L	93
27) 1,2-Dichloroethane	5.81	62	6848	1.053 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	7579	0.959 ug/L	98
30) Cyclohexane	5.40	56	6624	0.837 ug/L	97
31) Carbon tetrachloride	5.54	117	6570	0.936 ug/L	95
33) Benzene	5.79	78	17930	0.914 ug/L	100
34) Trichloroethene	6.55	95	4760	0.947 ug/L	94
35) Methylcyclohexane	6.78	83	6132	0.820 ug/L	99
37) 1,2-Dichloropropane	6.80	63	4832	0.910 ug/L	98
38) Bromodichloromethane	7.11	83	6428	0.947 ug/L	90
39) cis-1,3-Dichloropropene	7.62	75	6369	0.892 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	36358	9.852 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040935.D
 Acq On : 26 Oct 2020 11:11
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

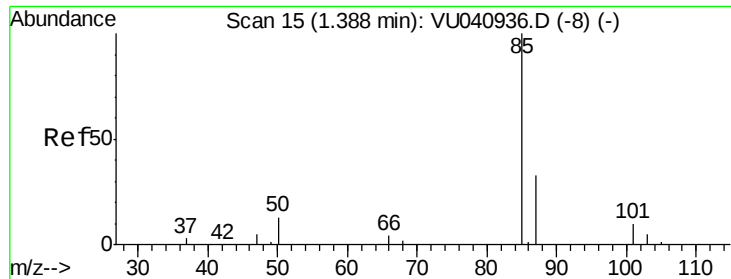
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Oct 27 02:23:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 02:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.98	91	17883	0.904	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	6225	0.957	ug/L	94
45) 1,1,2-Trichloroethane	8.41	97	3828	1.046	ug/L	94
47) Tetrachloroethene	8.56	164	3594	0.966	ug/L	84
48) 2-Hexanone	8.69	43	27406	10.108	ug/L	96
49) Dibromochloromethane	8.81	129	4412	1.012	ug/L	98
50) 1,2-Dibromoethane	8.93	107	3513	1.024	ug/L #	99
51) Chlorobenzene	9.45	112	11805	0.926	ug/L	99
52) Ethylbenzene	9.57	91	17650	0.830	ug/L	98
53) m,p-Xylene	9.70	106	6240	0.818	ug/L	94
54) o-Xylene	10.10	106	5615	0.774	ug/L	88
55) Styrene	10.11	104	10233	0.809	ug/L	99
56) Isopropylbenzene	10.48	105	15318	0.792	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	4768	1.011	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	3764	1.060	ug/L	94
61) Bromoform	10.29	173	2308	1.079	ug/L #	98
62) 1,3-Dichlorobenzene	11.74	146	8562	0.954	ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	8601	0.929	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	8405	0.991	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	945	1.166	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	5591	0.849	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	4504	0.815	ug/L	97
69) Naphthalene	14.08	128	6461	0.639	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	3959	0.741	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 0.995 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

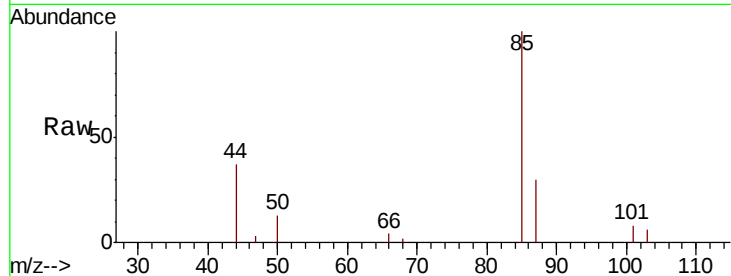
VSTD00102

Tot Ion: 85 Resp: 6071

Ion Ratio Lower Upper

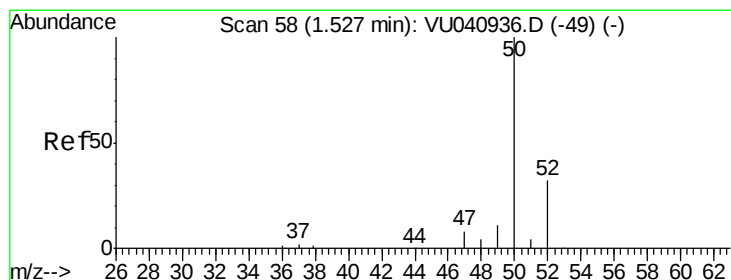
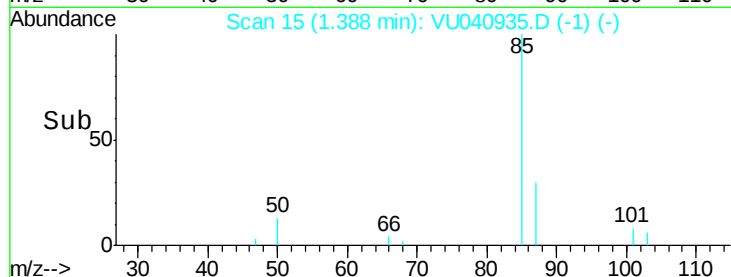
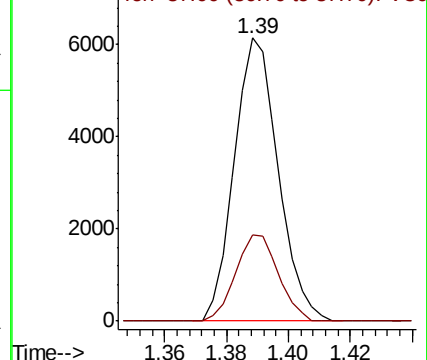
85 100

87 29.5 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.885 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040935.D

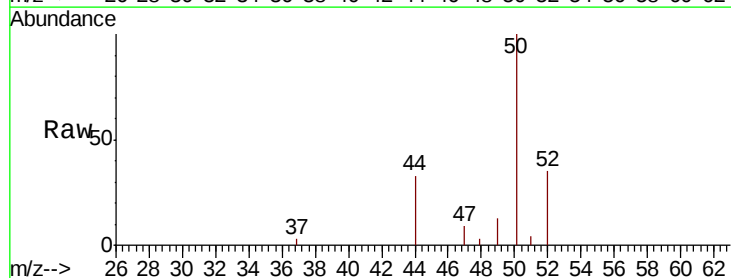
Acq: 26 Oct 2020 11:11

Tgt Ion: 50 Resp: 5788

Ion Ratio Lower Upper

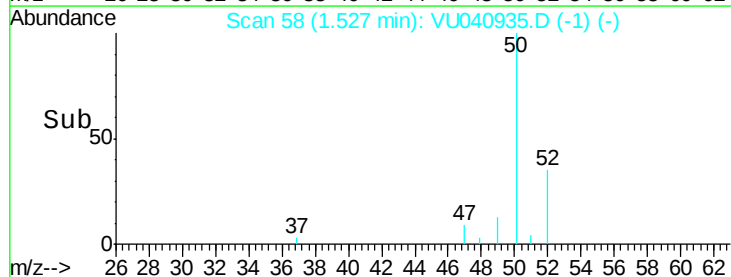
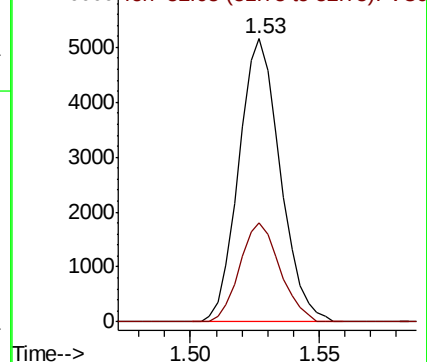
50 100

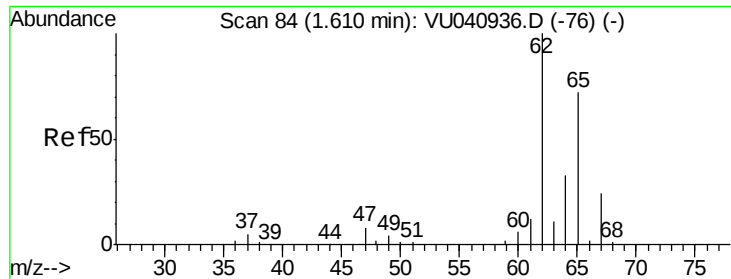
52 34.8 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 0.983 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

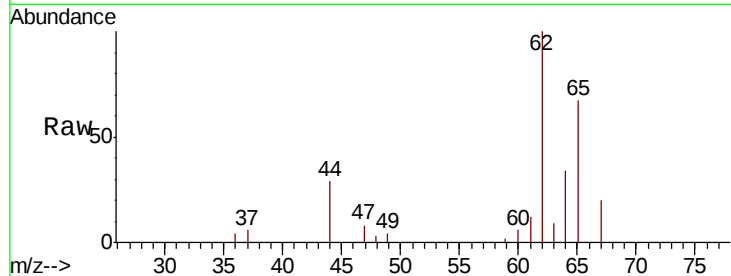
VSTD00102

Tot Ion: 62 Resp: 6054

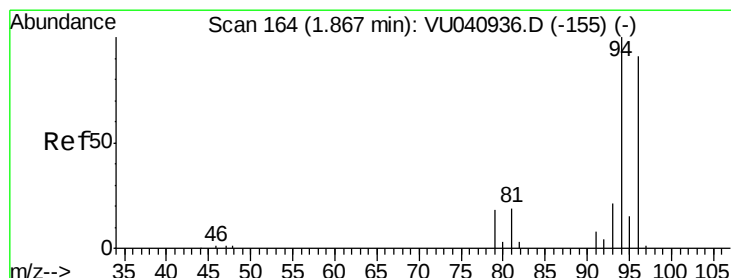
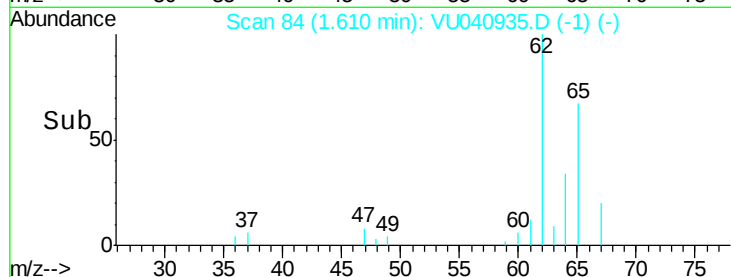
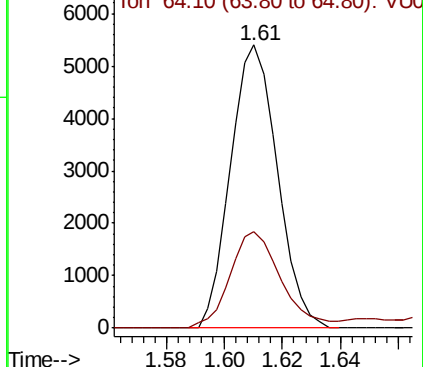
Ion Ratio Lower Upper

62 100

64 34.2 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU040935.D (-76) (-)



#6

Bromomethane

Concen: 1.020 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU040935.D

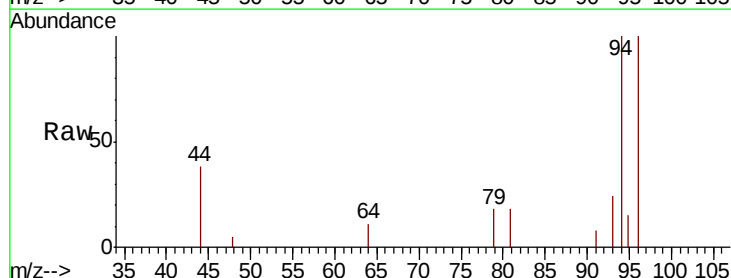
Acq: 26 Oct 2020 11:11

Tgt Ion: 94 Resp: 3272

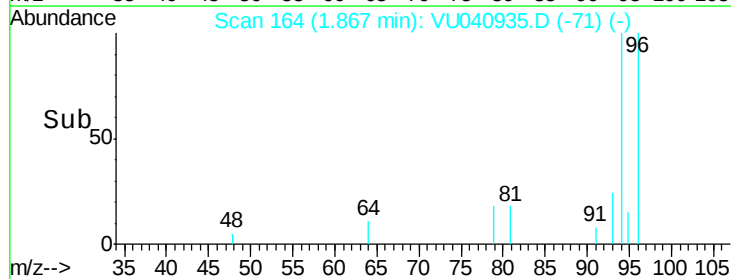
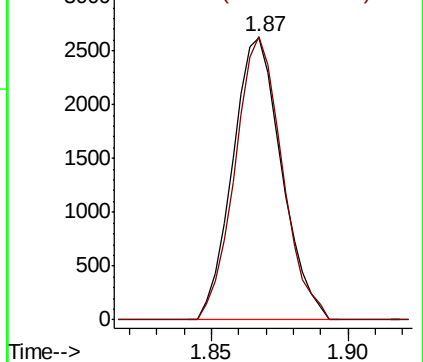
Ion Ratio Lower Upper

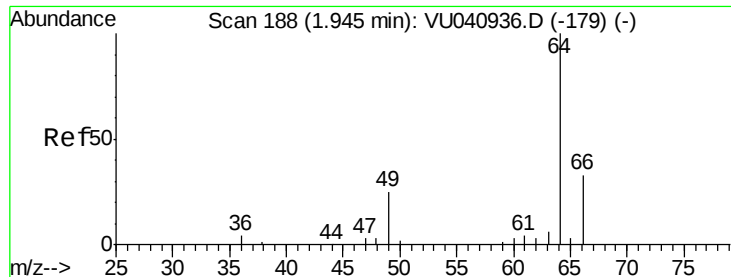
94 100

96 100.1 63.5 117.9



Abundance Ion 94.00 (93.70 to 94.70): VU040935.D (-155) (-)





#8

Chloroethane

Concen: 0.945 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

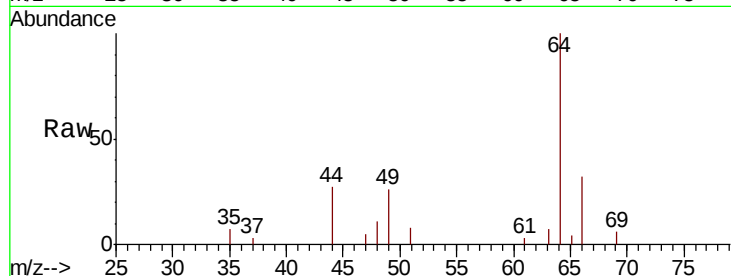
VSTD00102

Tot Ion: 64 Resp: 3752

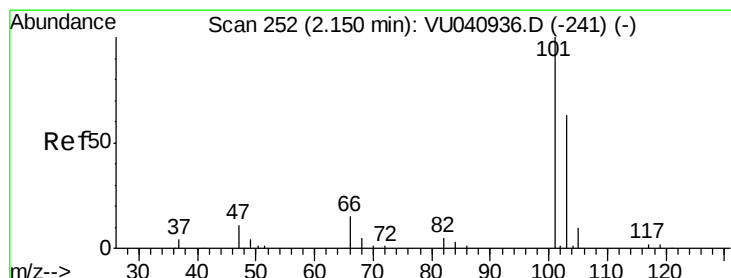
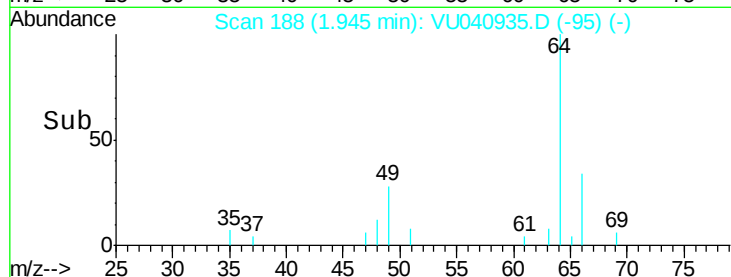
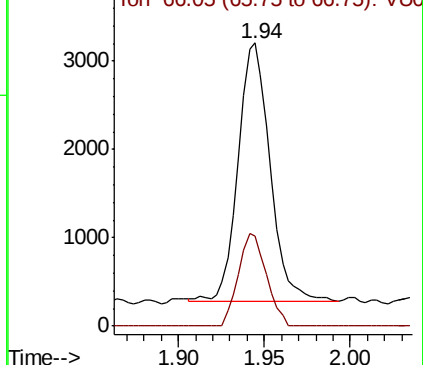
Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.5



Abundance Ion 64.10 (63.80 to 64.80): VU040935.D (-179) (-)



#9

Trichlorofluoromethane

Concen: 1.030 ug/L

RT: 2.15 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU040935.D

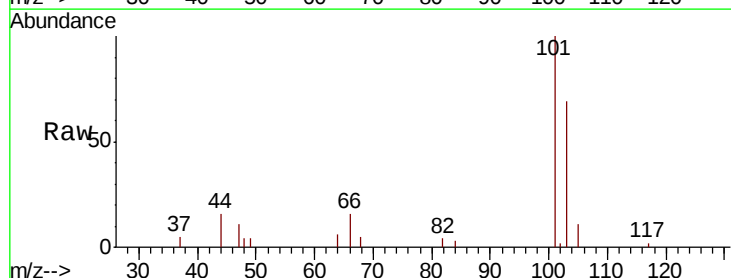
Acq: 26 Oct 2020 11:11

Tgt Ion: 101 Resp: 8422

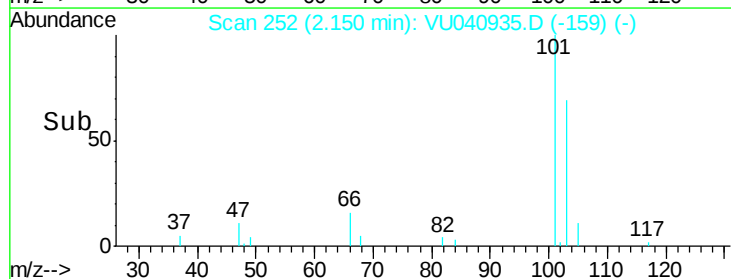
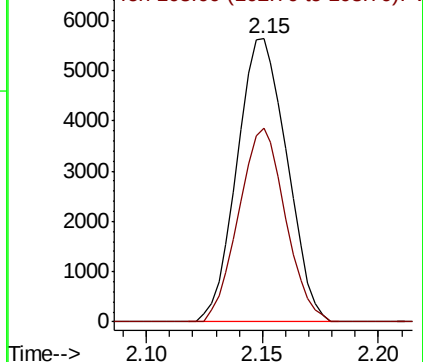
Ion Ratio Lower Upper

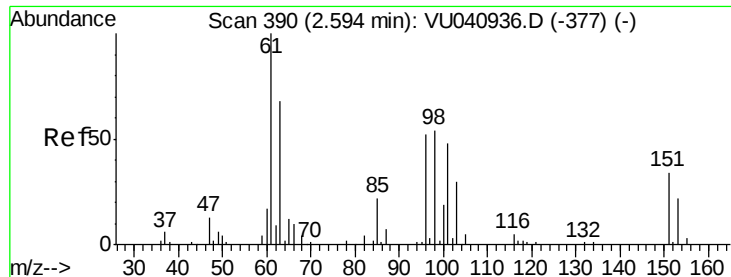
101 100

103 64.1 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): VU040935.D (-159) (-)





#10

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

Concen: 0.991 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD00102

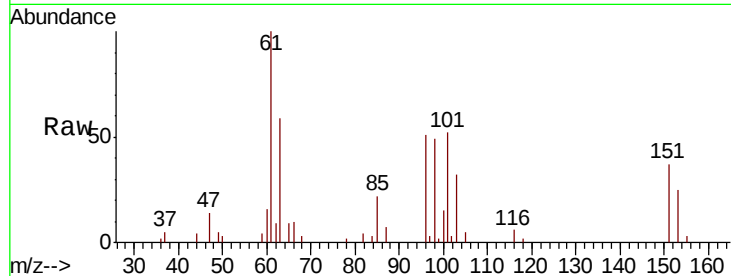
Tot Ion:101 Resp: 4721

Ion Ratio Lower Upper

101 100

85 44.7 35.0 52.4

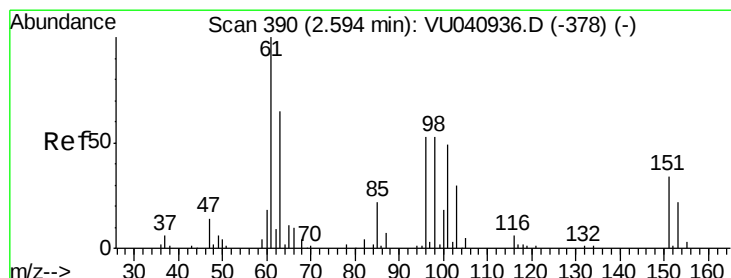
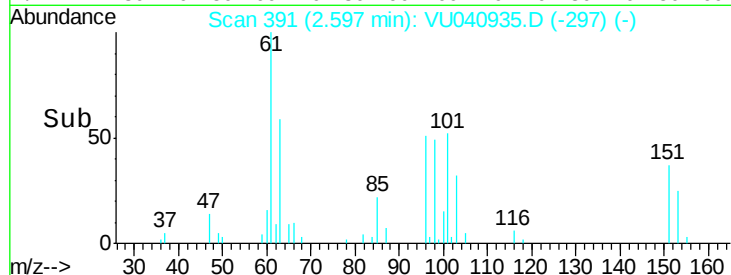
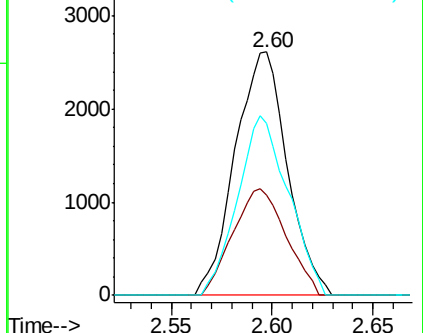
151 71.9 55.3 82.9



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: 0.985 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

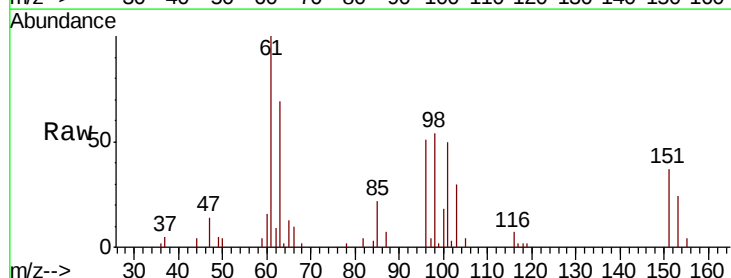
Tgt Ion: 96 Resp: 4379

Ion Ratio Lower Upper

96 100

61 194.5 134.3 249.5

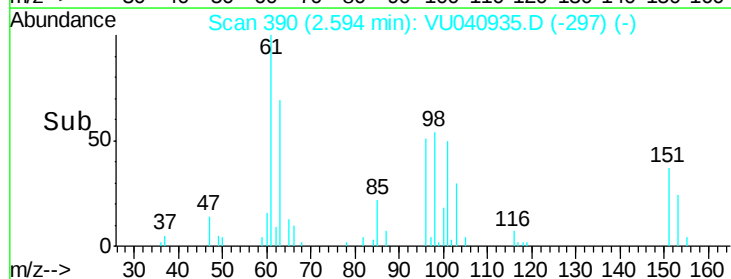
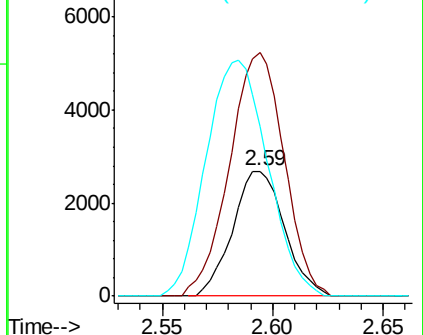
63 135.0 95.0 176.4

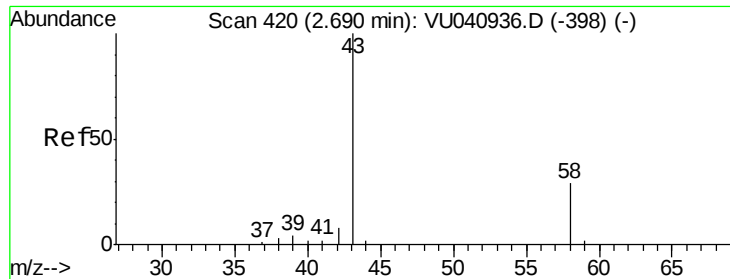


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.740 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

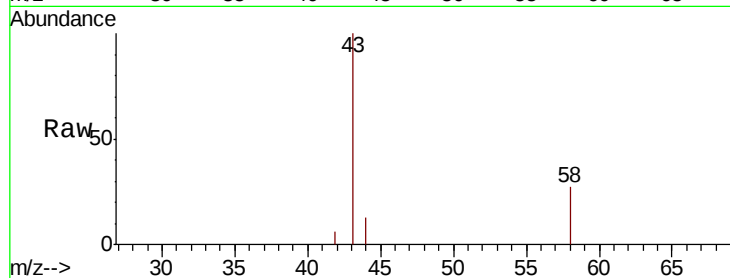
VSTD00102

Tot Ion: 43 Resp: 4080

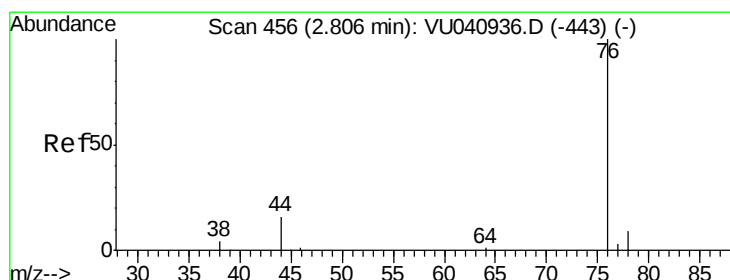
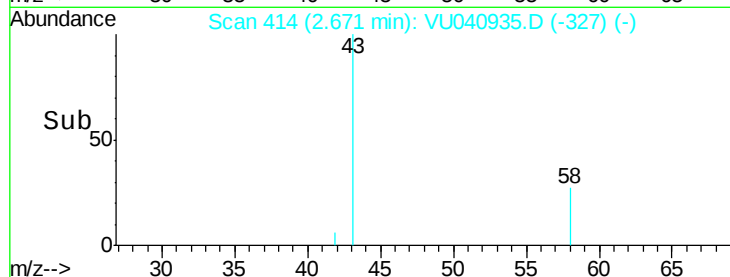
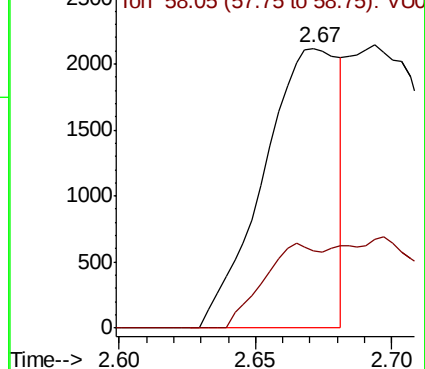
Ion Ratio Lower Upper

43 100

58 23.0 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU040935.D (-327) (-)



#14

Carbon disulfide

Concen: 0.978 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040935.D

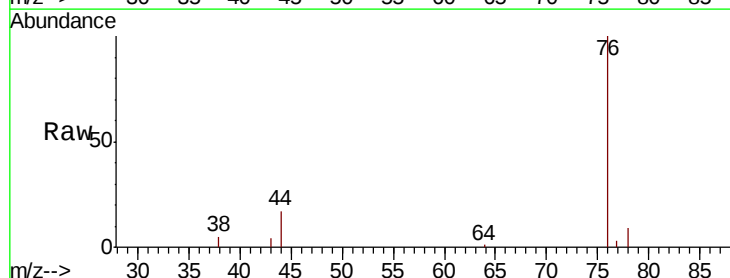
Acq: 26 Oct 2020 11:11

Tgt Ion: 76 Resp: 15325

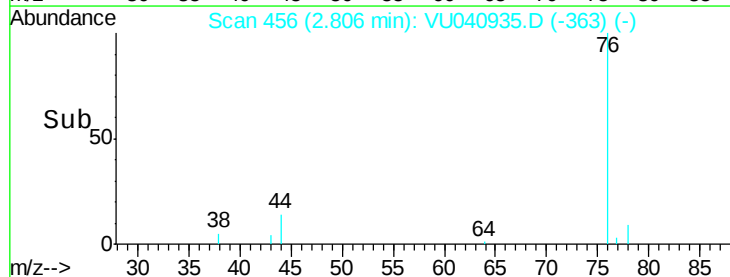
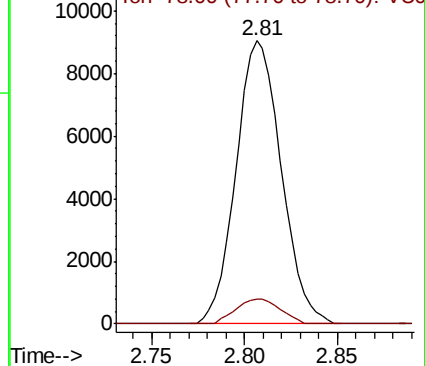
Ion Ratio Lower Upper

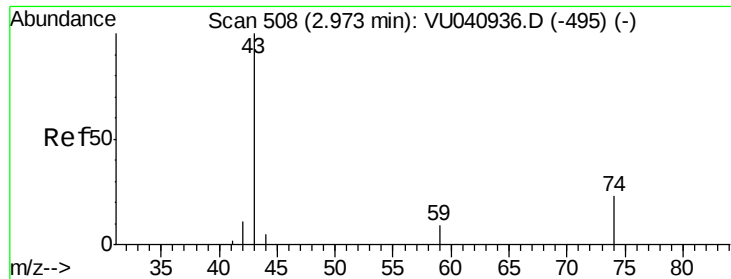
76 100

78 8.9 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU040935.D (-363) (-)





#15

Methyl Acetate

Concen: 0.980 ug/L

RT: 2.97 min Scan# 508

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampled :

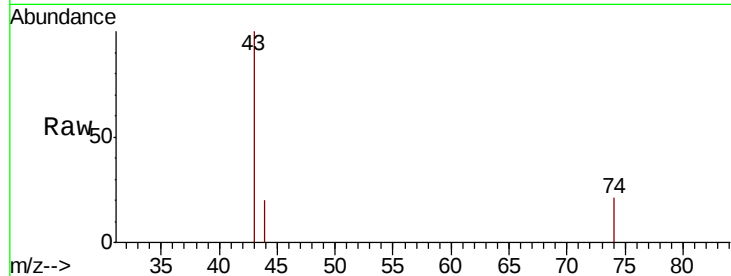
VSTD00102

Tot Ion: 43 Resp: 2619

Ion Ratio Lower Upper

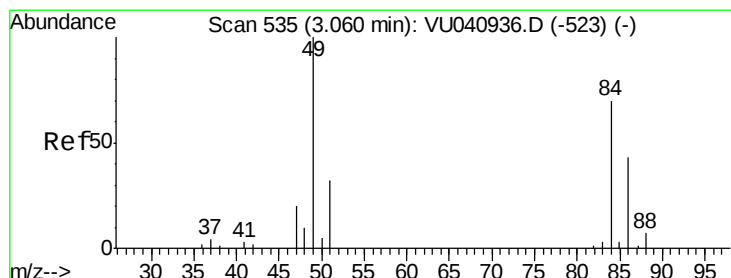
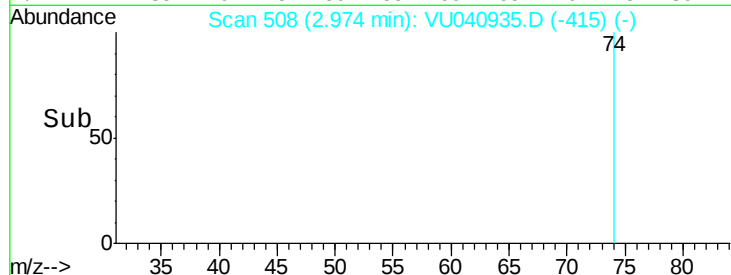
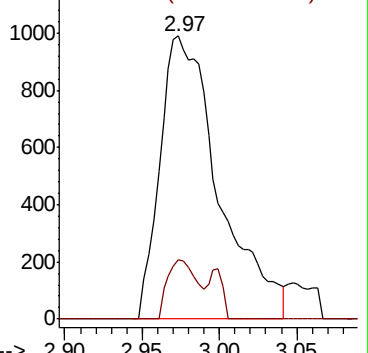
43 100

74 10.4 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 1.005 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

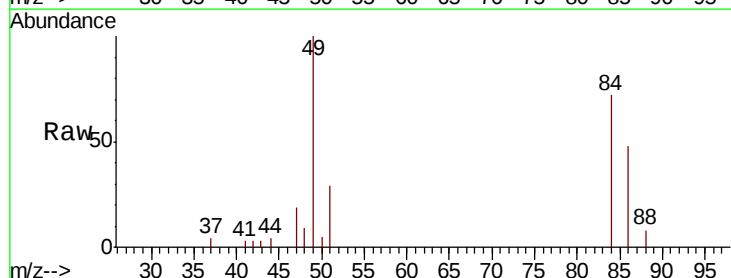
Tgt Ion: 84 Resp: 5499

Ion Ratio Lower Upper

84 100

86 66.6 42.8 79.6

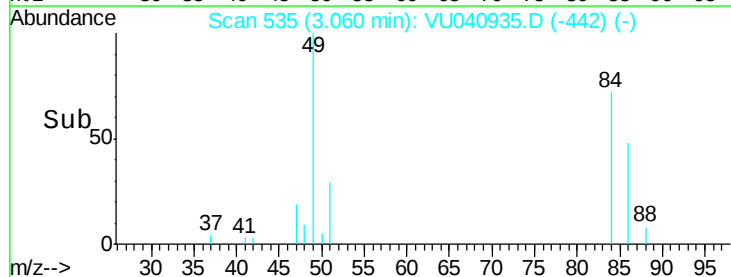
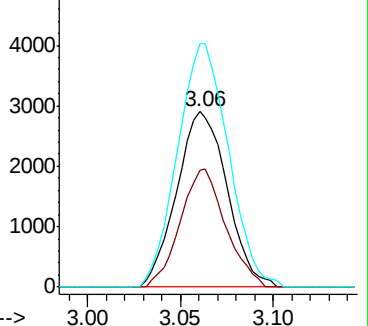
49 138.9 99.5 184.7

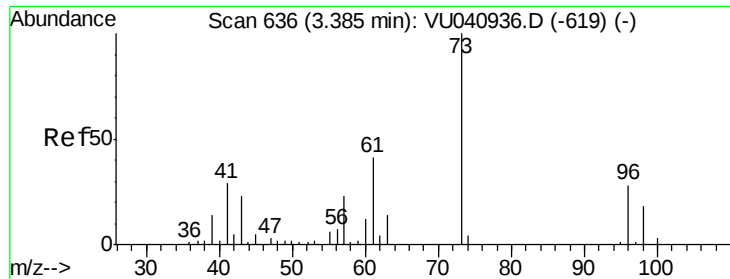


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

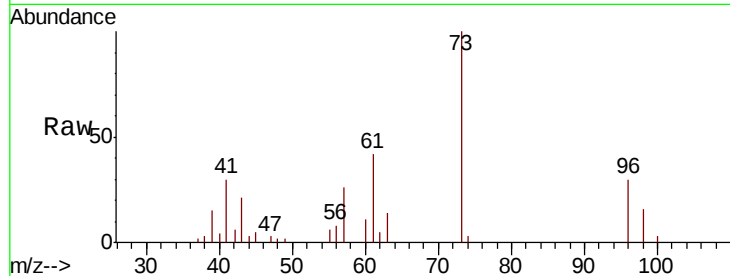




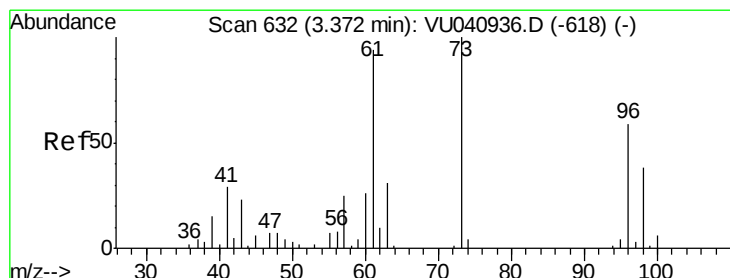
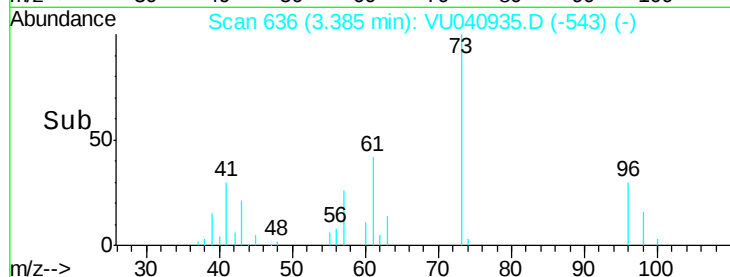
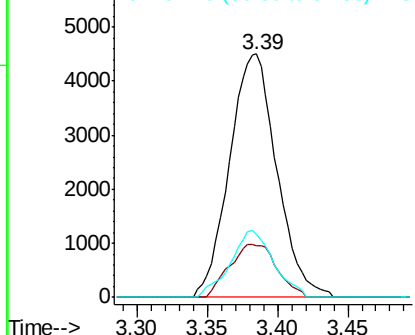
#17
Methvl tert-butvl Ether
Concen: 0.963 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040935.D
Acq: 26 Oct 2020 11:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD00102

Tot Ion: 73 Resp: 10542
Ion Ratio Lower Upper
73 100
43 21.8 18.5 27.7
57 25.1 18.4 27.6

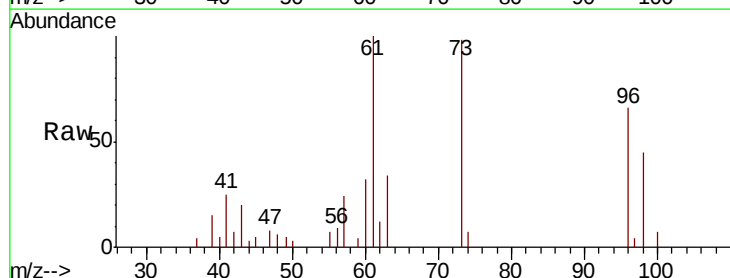


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

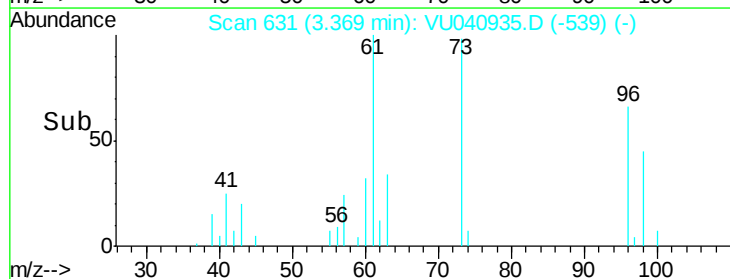
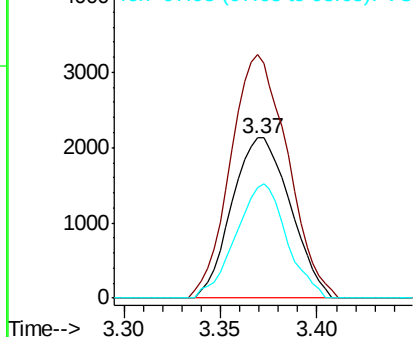


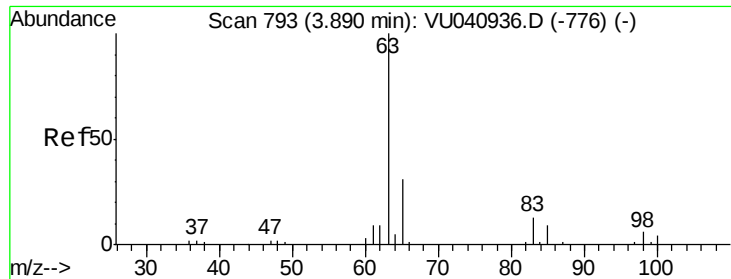
#18
trans-1,2-Dichloroethene
Concen: 0.974 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040935.D
Acq: 26 Oct 2020 11:11

Tgt Ion: 96 Resp: 4468
Ion Ratio Lower Upper
96 100
61 152.2 110.9 205.9
98 69.1 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

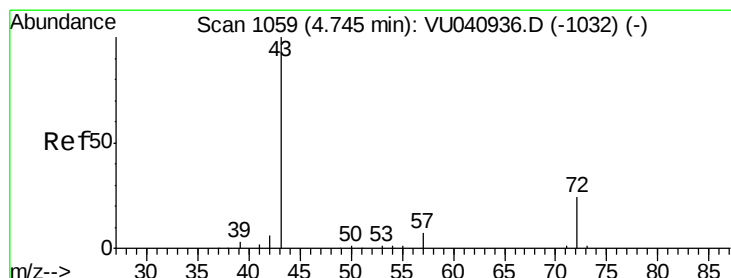
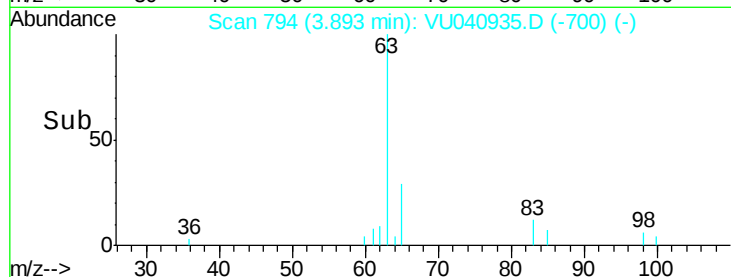
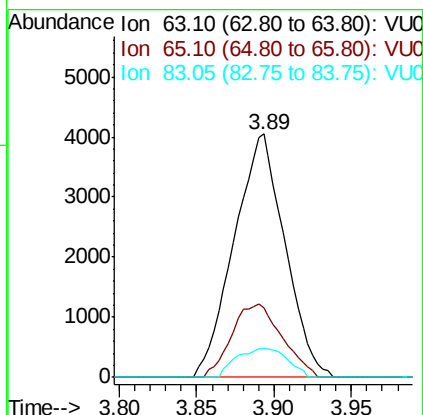
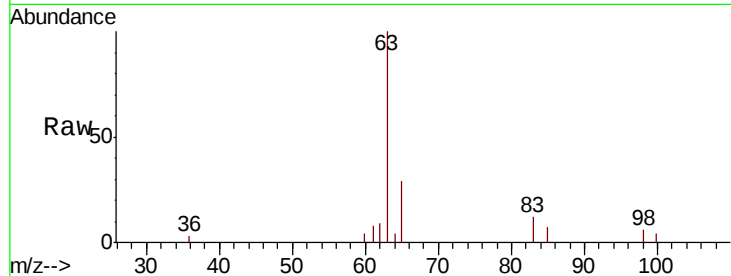




#19
 1,1-Dichloroethane
 Concen: 1.001 ug/L
 RT: 3.89 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

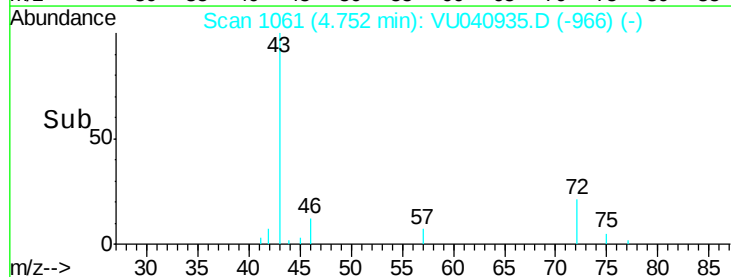
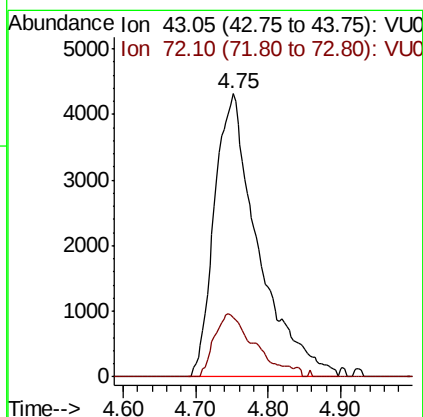
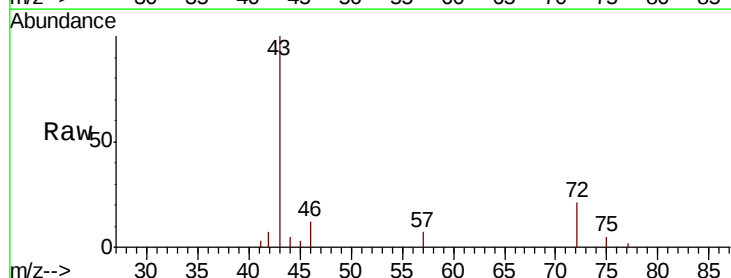
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

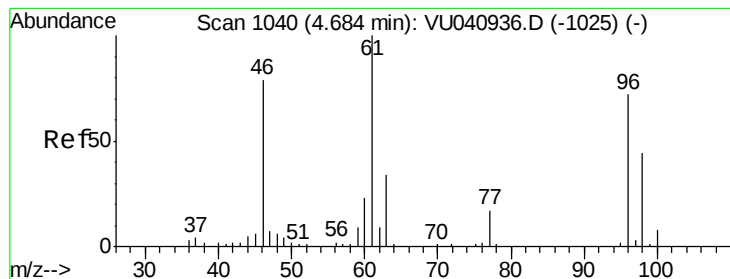
Tot Ion: 63 Resp: 9241
 Ion Ratio Lower Upper
 63 100
 65 28.7 21.3 39.6
 83 11.9 8.8 16.3



#21
 2-Butanone
 Concen: 11.054 ug/L
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion: 43 Resp: 18074
 Ion Ratio Lower Upper
 43 100
 72 21.0 11.8 35.4





#22

cis-1,2-Dichloroethene

Concen: 0.901 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD00102

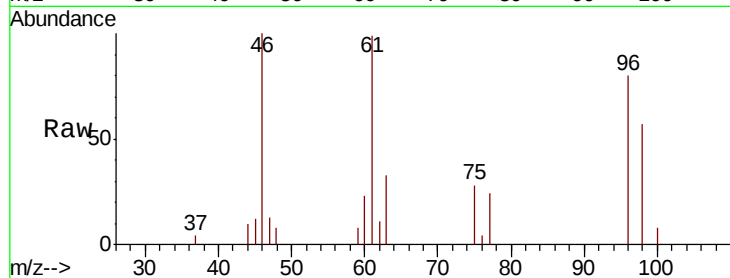
Tot Ion: 96 Resp: 4516

Ion Ratio Lower Upper

96 100

61 124.3 97.2 180.4

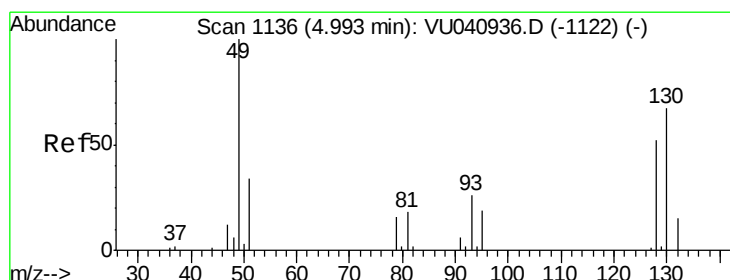
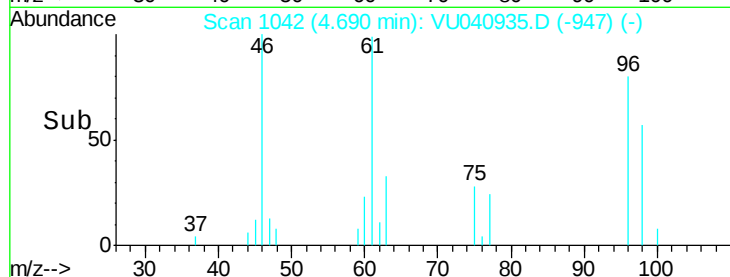
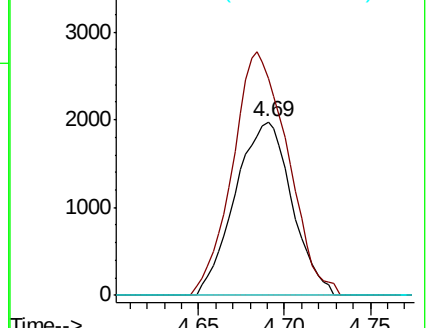
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040935.D (-1043) (-)

Ion 61.05 (60.75 to 61.75): VU040935.D (-1043) (-)

Ion 68.15 (67.85 to 68.85): VU040935.D (-1043) (-)



#23

Bromochloromethane

Concen: 0.994 ug/L

RT: 5.00 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Tgt Ion: 128 Resp: 2245

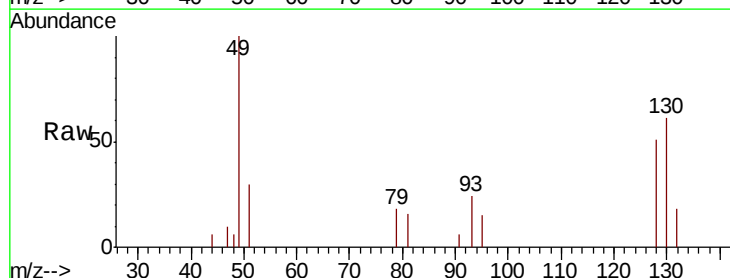
Ion Ratio Lower Upper

128 100

49 195.3 135.0 250.8

130 118.6 89.9 167.0

51 58.5 51.9 77.9

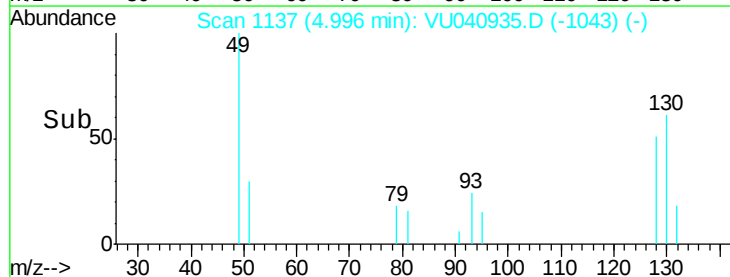
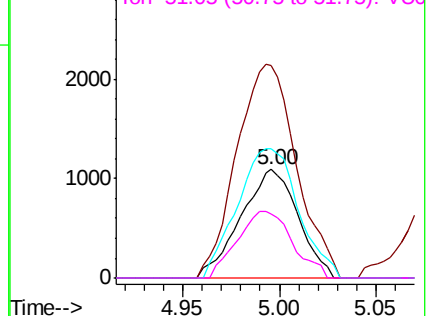


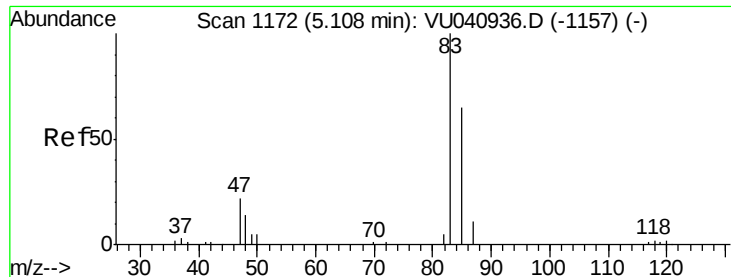
Abundance Ion 127.90 (127.60 to 128.60): VU040935.D (-1043) (-)

Ion 49.10 (48.80 to 49.80): VU040935.D (-1043) (-)

Ion 129.95 (129.65 to 130.65): VU040935.D (-1043) (-)

Ion 51.05 (50.75 to 51.75): VU040935.D (-1043) (-)

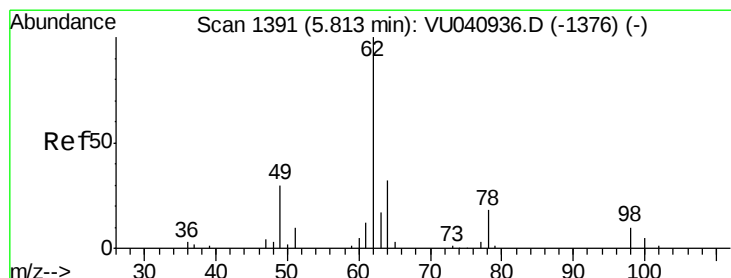
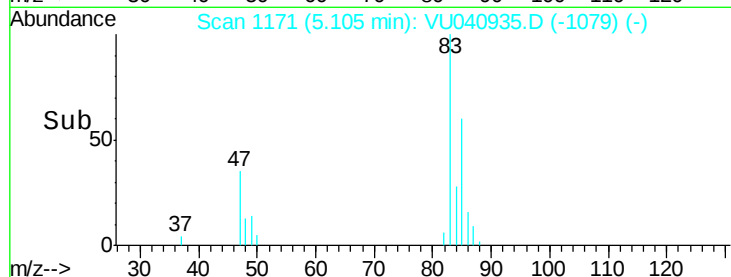
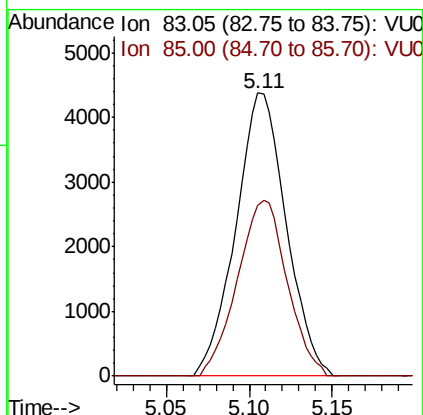
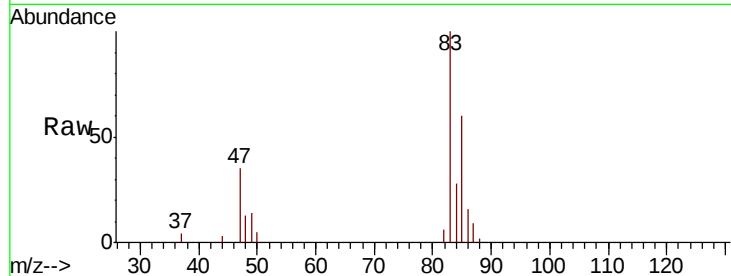




#25
Chloroform
Concen: 0.982 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040935.D
Acq: 26 Oct 2020 11:11

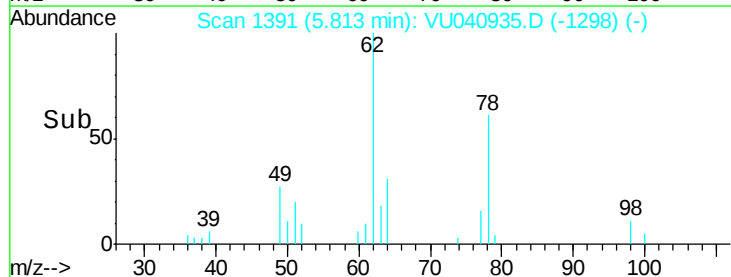
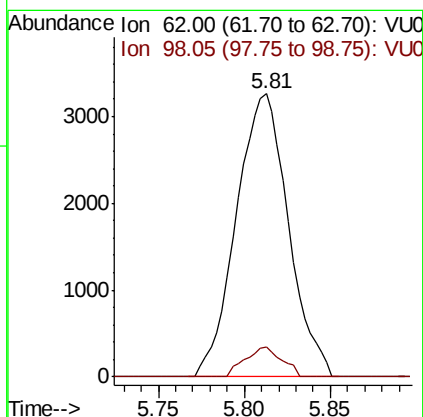
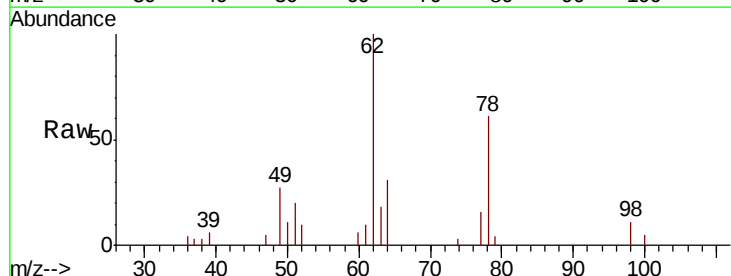
Instrument :
MSVOA_U
ClientSampleId :
VSTD00102

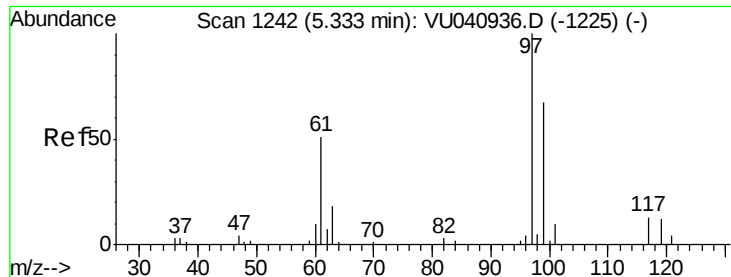
Tot Ion: 83 Resp: 9245
Ion Ratio Lower Upper
83 100
85 60.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 1.053 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU040935.D
Acq: 26 Oct 2020 11:11

Tgt Ion: 62 Resp: 6848
Ion Ratio Lower Upper
62 100
98 10.8 7.6 11.4

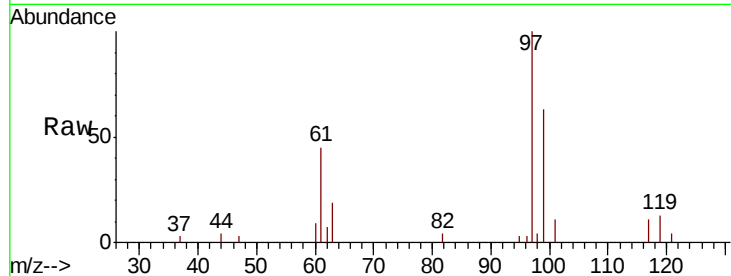




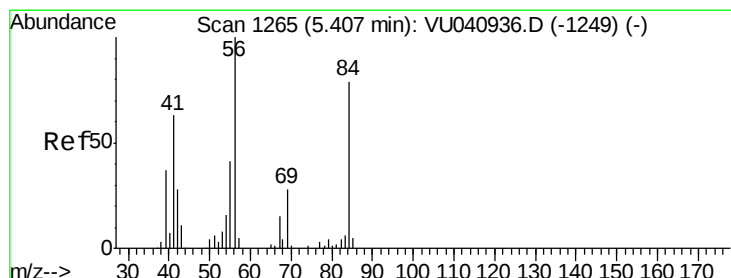
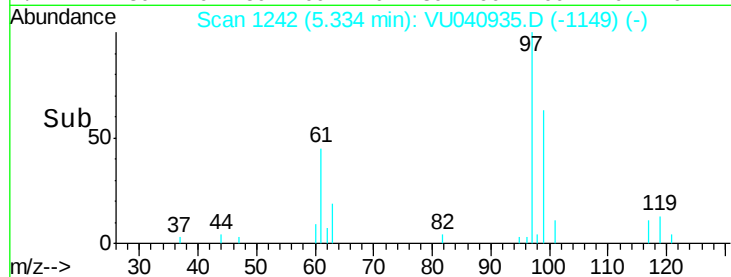
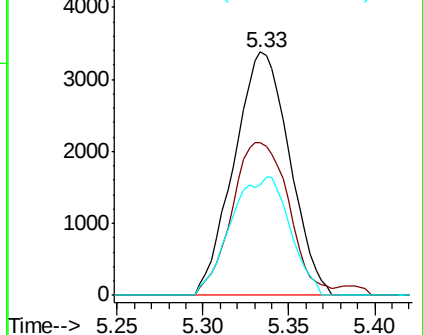
#29
 1,1,1-Trichloroethane
 Concen: 0.959 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Tot Ion: 97 Resp: 7579
 Ion Ratio Lower Upper
 97 100
 99 64.4 53.4 80.0
 61 51.7 41.6 62.4

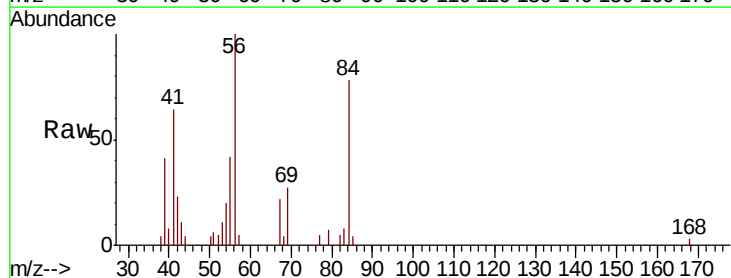


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

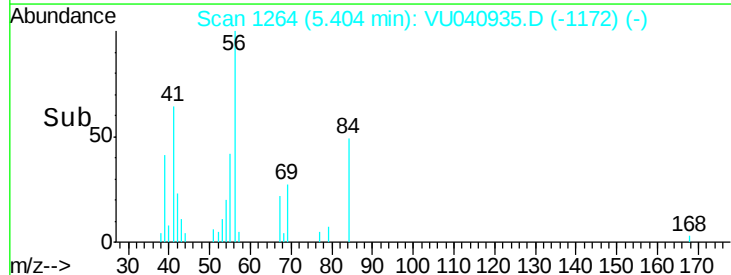
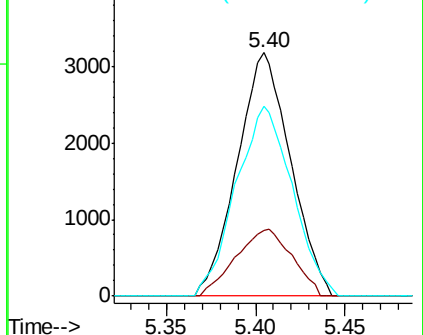


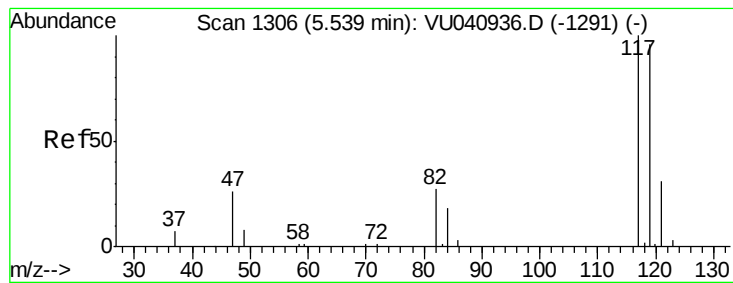
#30
 Cyclohexane
 Concen: 0.837 ug/L
 RT: 5.40 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion: 56 Resp: 6624
 Ion Ratio Lower Upper
 56 100
 69 29.0 22.8 34.2
 84 82.5 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: 0.936 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

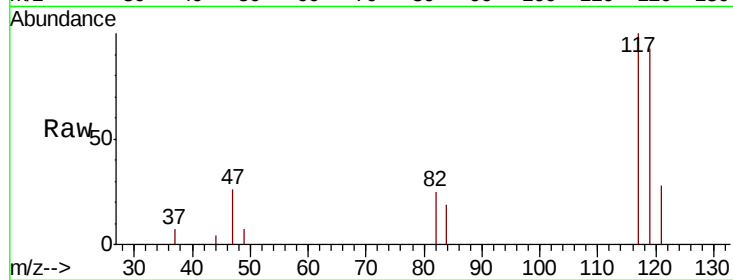
VSTD00102

Tot Ion:117 Resp: 6570

Ion Ratio Lower Upper

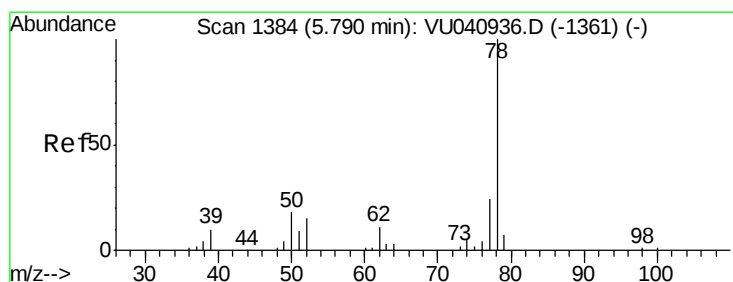
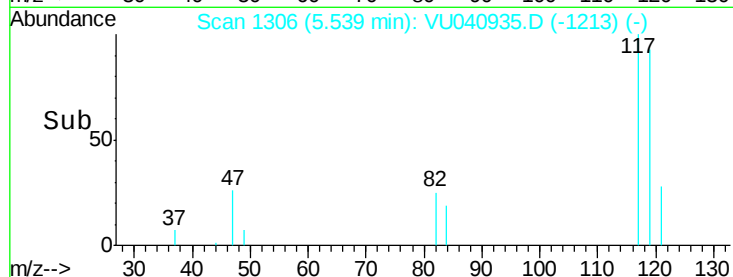
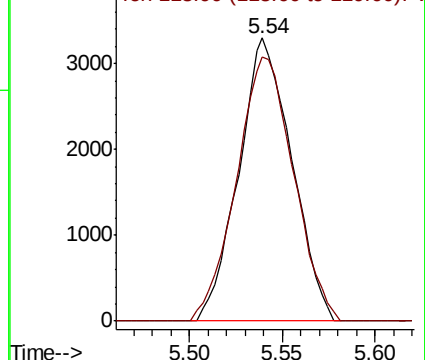
117 100

119 100.2 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.914 ug/L

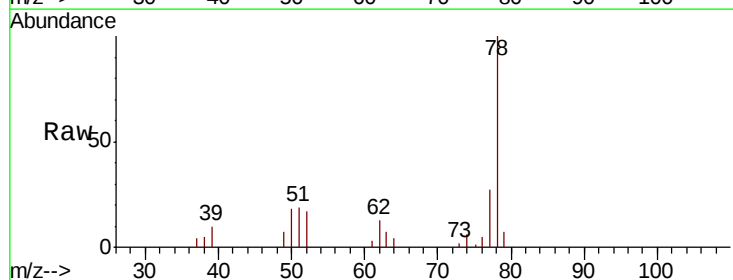
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

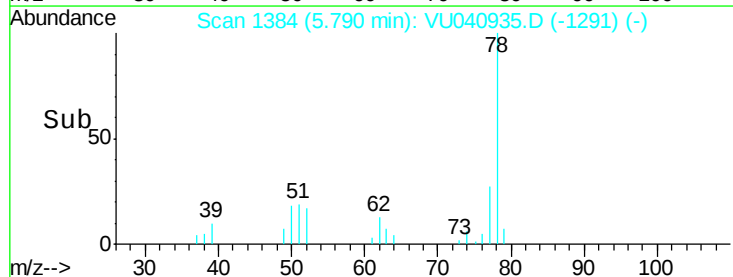
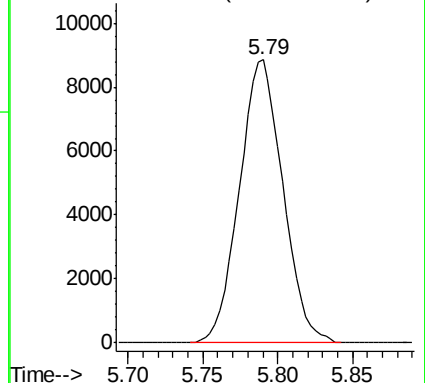
Lab File: VU040935.D

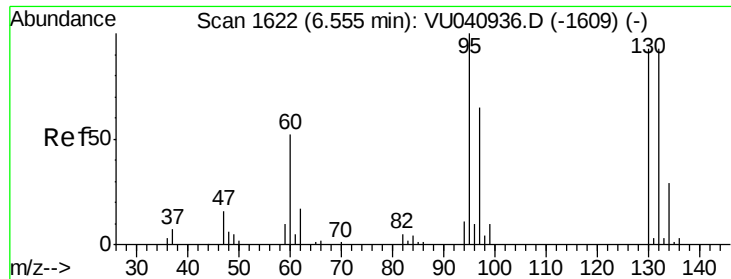
Acq: 26 Oct 2020 11:11

Tgt Ion: 78 Resp: 17930



Abundance Ion 78.10 (77.80 to 78.80): VU0

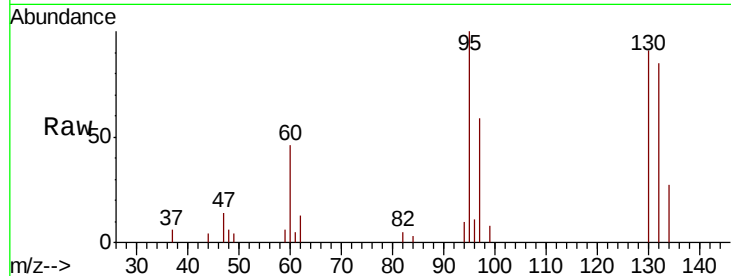




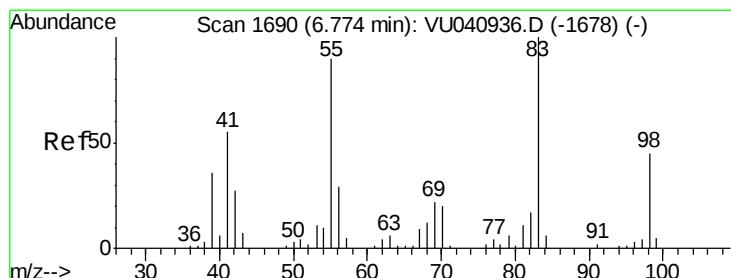
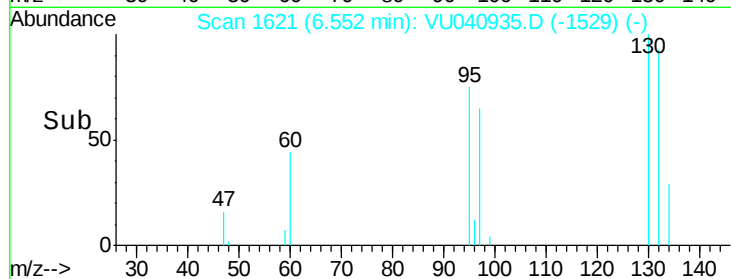
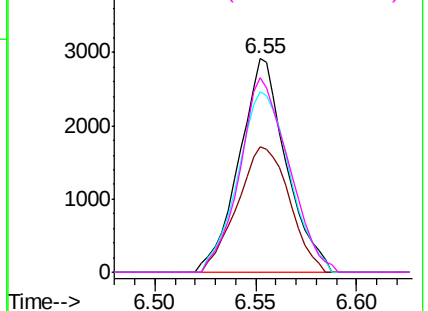
#34
 Trichloroethene
 Concen: 0.947 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Tot Ion:	95	Resp:	4760
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.6	84.6
132	84.6	64.8	120.4
130	91.0	64.8	120.4

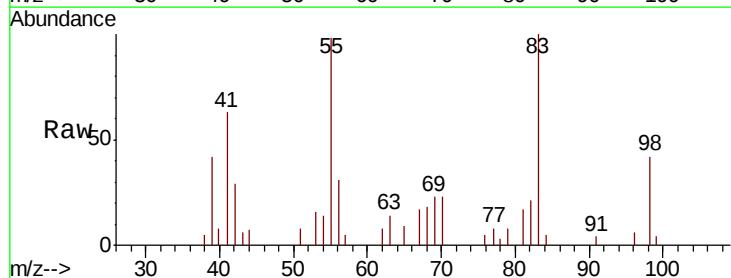


Abundance Ion 95.00 (94.70 to 95.70): VU040935.D (-1529) (-)
 Ion 96.95 (96.65 to 97.65): VU040935.D (-1529) (-)
 Ion 131.95 (131.65 to 132.65): VU040935.D (-1529) (-)
 Ion 129.95 (129.65 to 130.65): VU040935.D (-1529) (-)

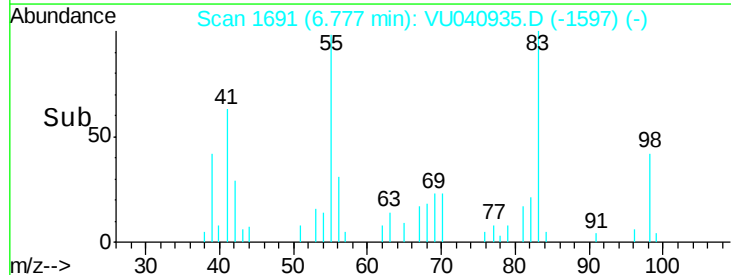
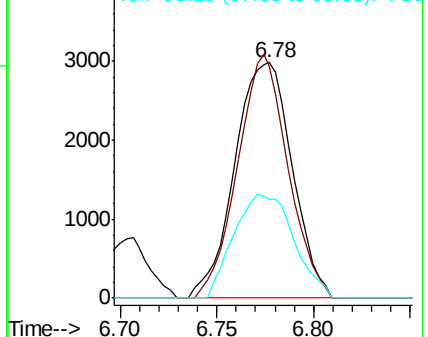


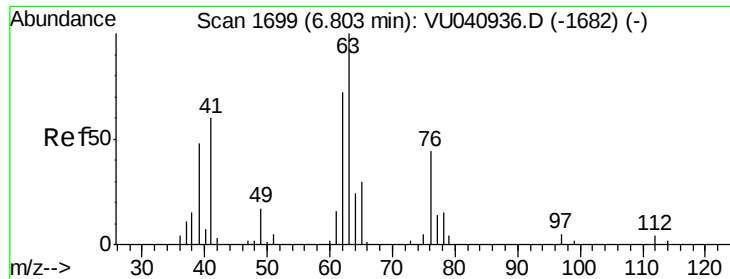
#35
 Methylcyclohexane
 Concen: 0.820 ug/L
 RT: 6.78 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion:	83	Resp:	6132
Ion	Ratio	Lower	Upper
83	100		
55	91.1	72.0	108.0
98	46.1	36.6	55.0



Abundance Ion 83.15 (82.85 to 83.85): VU040935.D (-1597) (-)
 Ion 55.10 (54.80 to 55.80): VU040935.D (-1597) (-)
 Ion 98.15 (97.85 to 98.85): VU040935.D (-1597) (-)

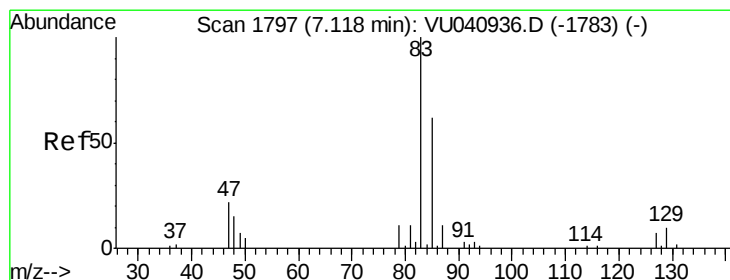
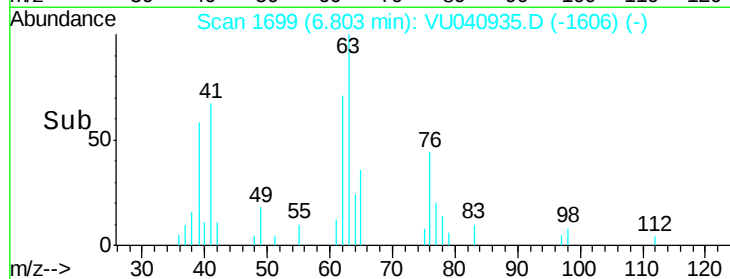
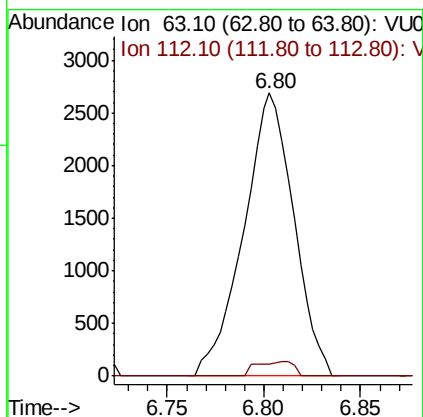
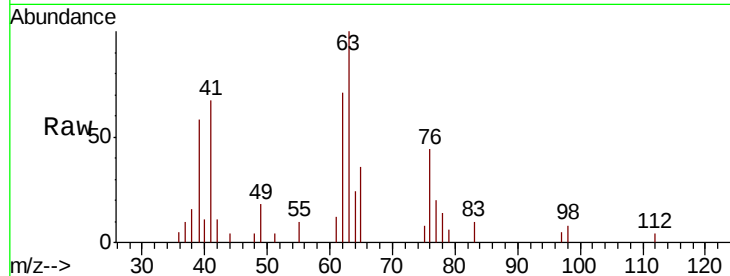




#37
 1,2-Dichloropropane
 Concen: 0.910 ug/L
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

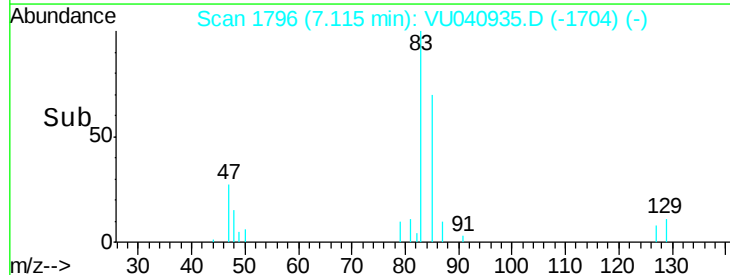
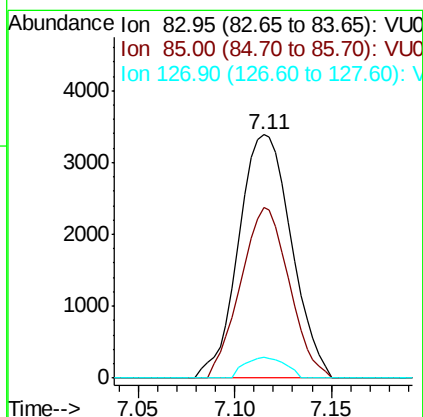
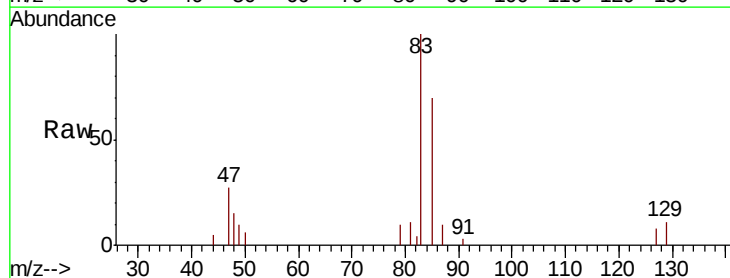
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

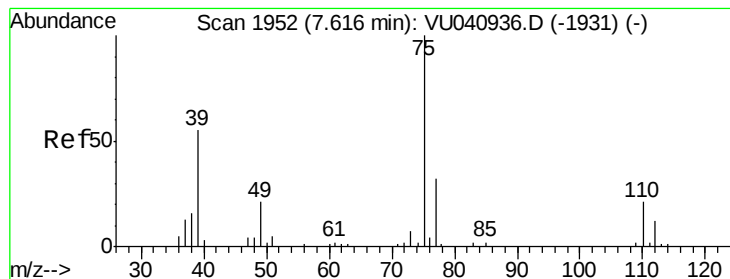
Tot Ion: 63 Resp: 4832
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.6 5.4



#38
 Bromodichloromethane
 Concen: 0.947 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion: 83 Resp: 6428
 Ion Ratio Lower Upper
 83 100
 85 69.9 43.3 80.3
 127 8.4 5.9 8.9



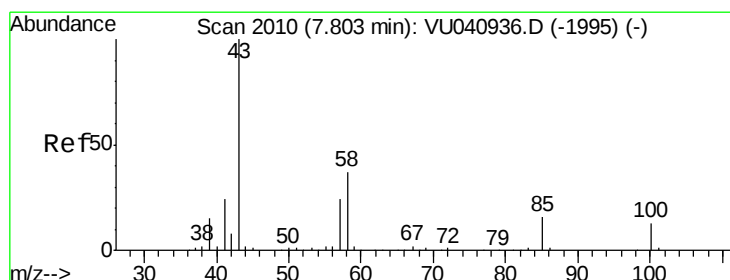
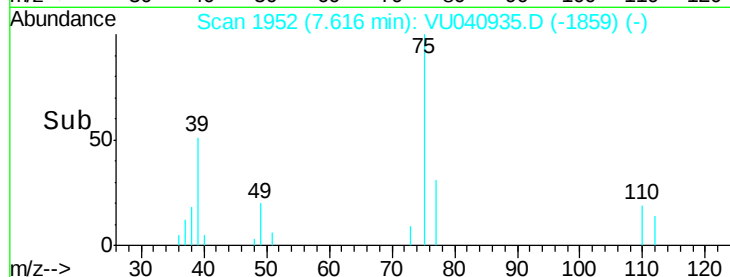
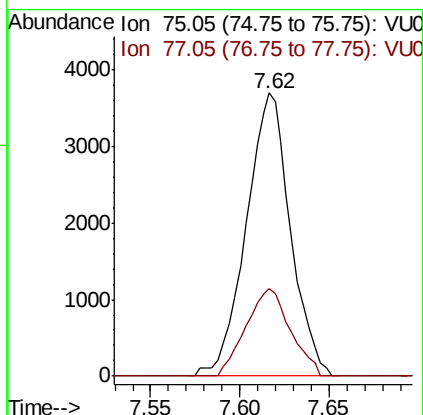
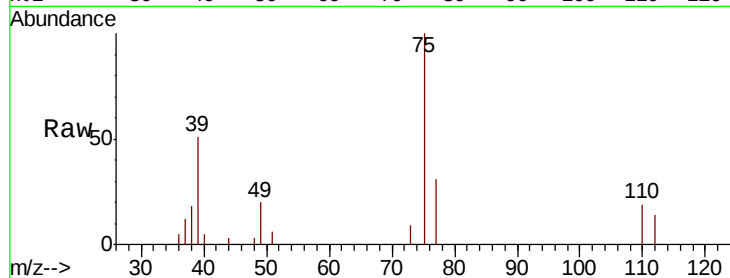


#39

cis-1,3-Dichloropropene
 Concen: 0.892 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

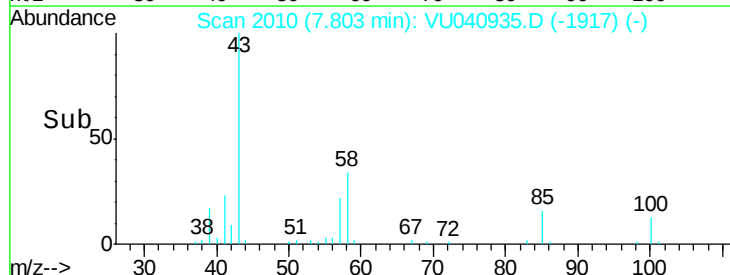
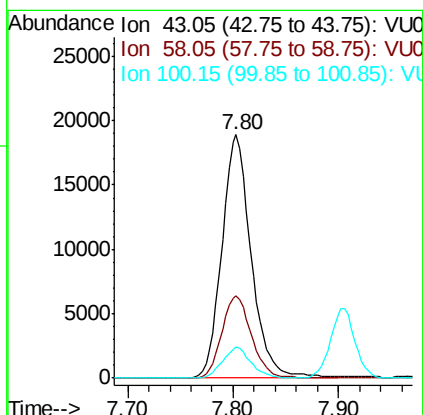
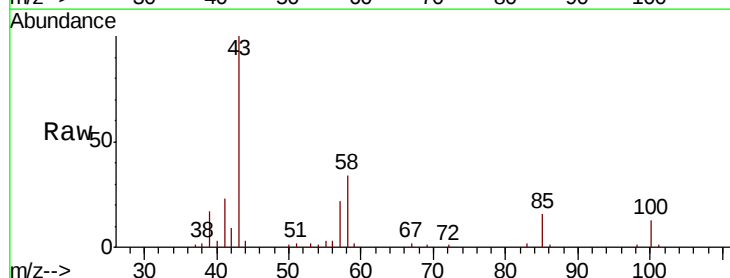
Tot Ion: 75 Resp: 6369
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.7 42.3

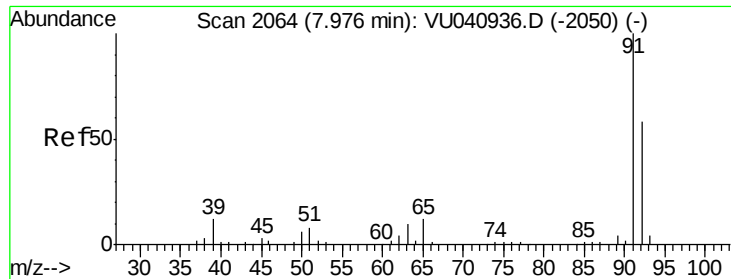


#40

4-Methyl-2-pentanone
 Concen: 9.852 ug/L
 RT: 7.80 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion: 43 Resp: 36358
 Ion Ratio Lower Upper
 43 100
 58 34.0 29.8 44.6
 100 12.1 10.5 15.7





#42

Toluene

Concen: 0.904 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

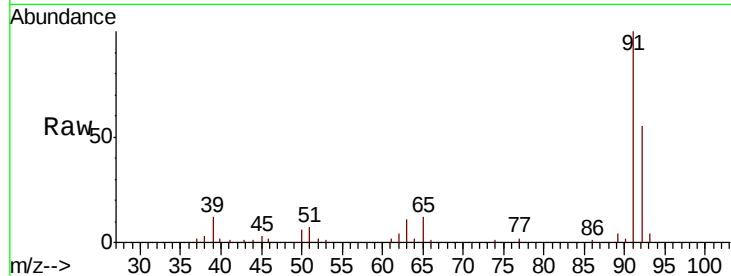
VSTD00102

Tot Ion: 91 Resp: 17883

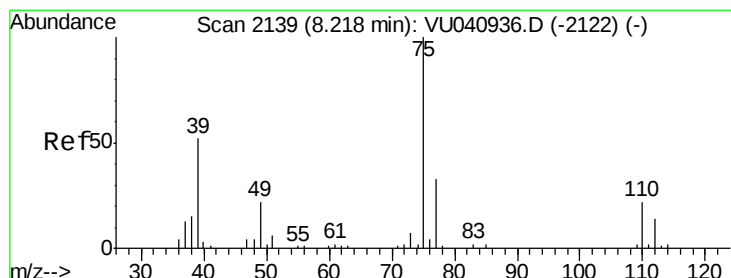
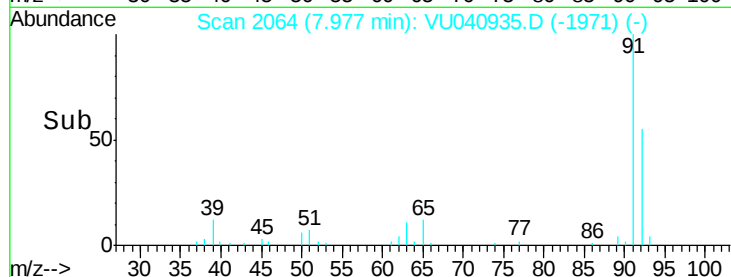
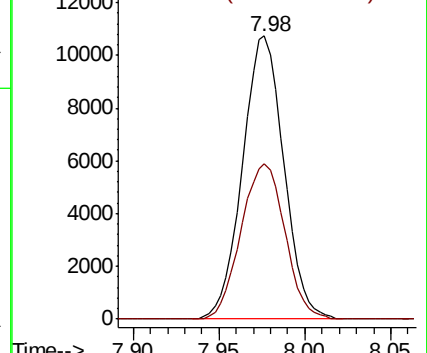
Ion Ratio Lower Upper

91 100

92 54.9 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU040935.D (-1971) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040935.D

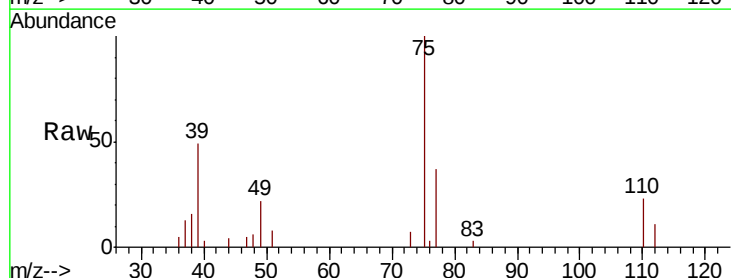
Acq: 26 Oct 2020 11:11

Tgt Ion: 75 Resp: 6225

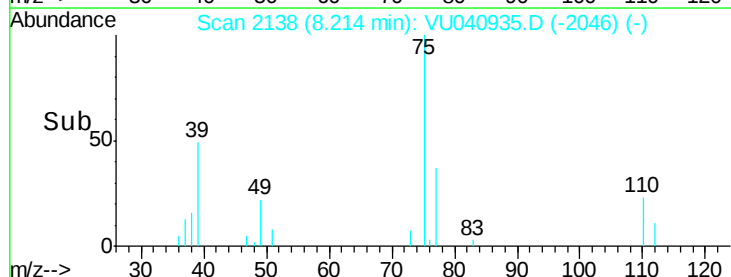
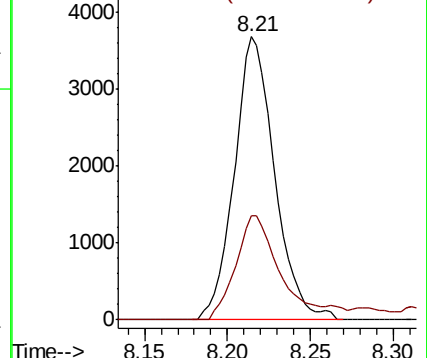
Ion Ratio Lower Upper

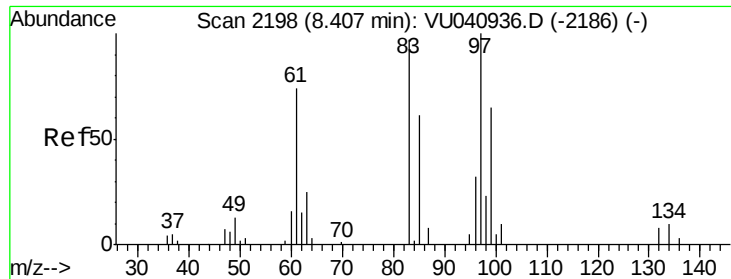
75 100

77 36.6 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU040935.D (-2046) (-)

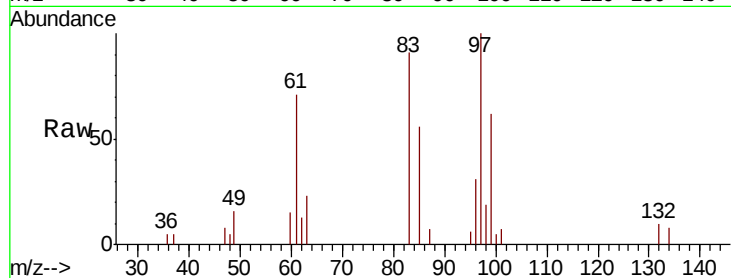




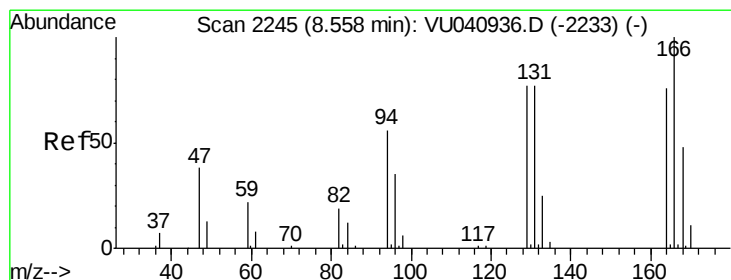
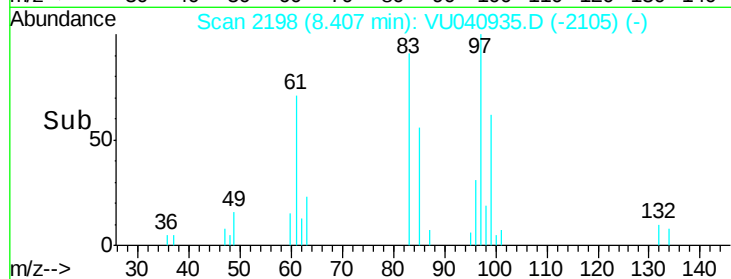
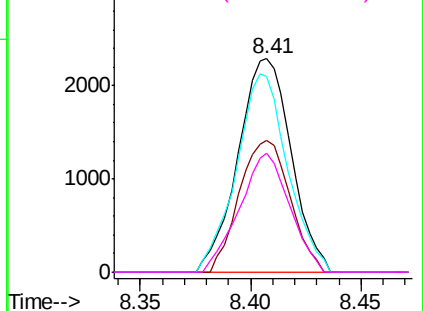
#45
 1,1,2-Trichloroethane
 Concen: 1.046 ug/L
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Tot Ion:	97	Resp:	3828
Ion	Ratio	Lower	Upper
97	100		
99	61.9	45.8	85.2
83	91.5	67.9	126.1
85	55.7	42.8	79.6

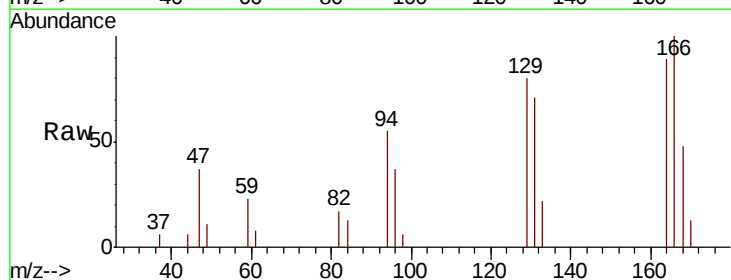


Abundance Ion 96.95 (96.65 to 97.65): VU040935.D (-2105) (-)
 Ion 99.05 (98.75 to 99.75): VU040935.D (-2105) (-)
 Ion 82.95 (82.65 to 83.65): VU040935.D (-2105) (-)
 Ion 85.00 (84.70 to 85.70): VU040935.D (-2105) (-)

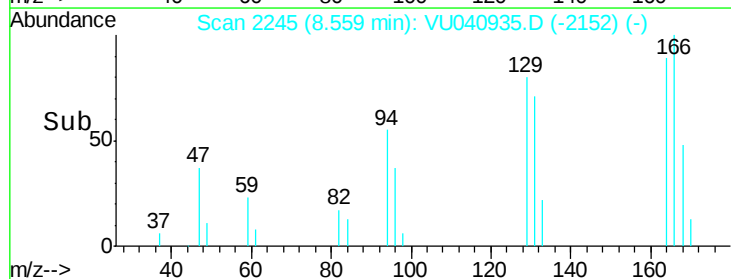
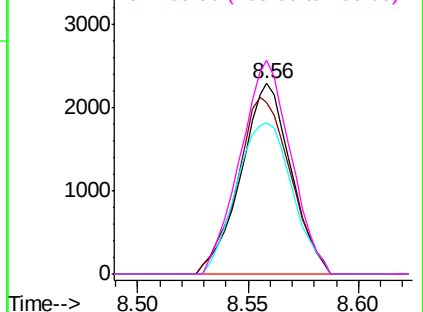


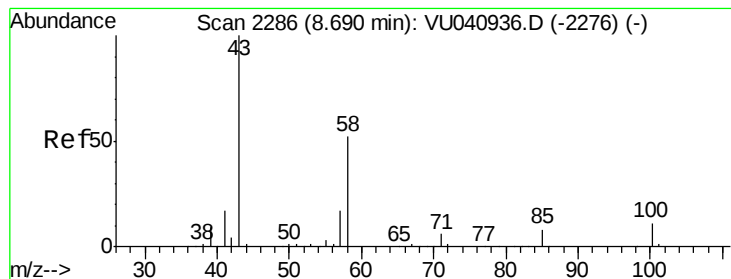
#47
 Tetrachloroethene
 Concen: 0.966 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion:	164	Resp:	3594
Ion	Ratio	Lower	Upper
164	100		
129	90.0	70.3	130.7
131	79.5	70.8	131.4
166	112.1	92.0	170.8



Abundance Ion 163.90 (163.60 to 164.60): VU040935.D (-2152) (-)
 Ion 128.95 (128.65 to 129.65): VU040935.D (-2152) (-)
 Ion 130.95 (130.65 to 131.65): VU040935.D (-2152) (-)
 Ion 165.90 (165.60 to 166.60): VU040935.D (-2152) (-)





#48

2-Hexanone

Concen: 10.108 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD00102

Tot Ion: 43 Resp: 27406

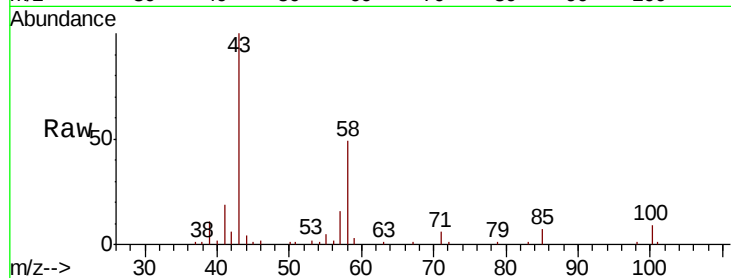
Ion Ratio Lower Upper

43 100

58 49.0 41.4 62.2

57 16.9 14.6 21.8

100 8.6 8.3 12.5



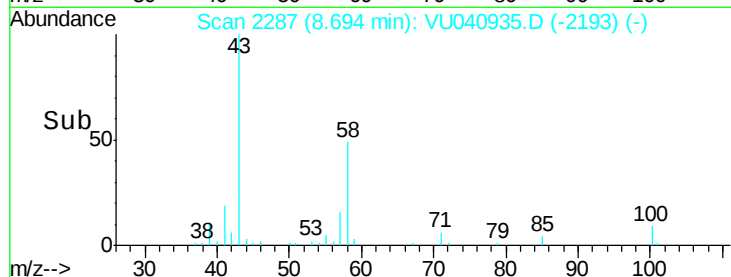
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

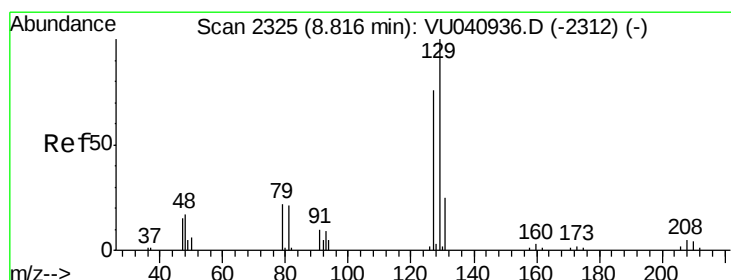
Ion 100.15 (99.85 to 100.85): VU0

Time-->



Abundance

Time-->



#49

Dibromochloromethane

Concen: 1.012 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU040935.D

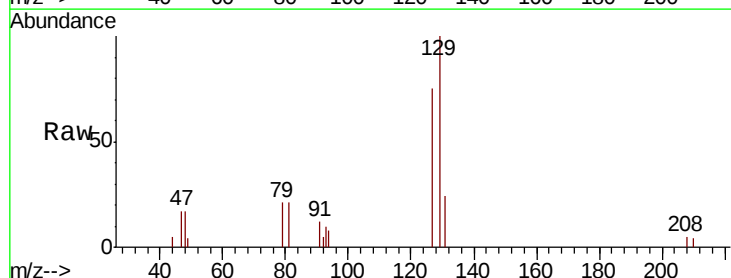
Acq: 26 Oct 2020 11:11

Tgt Ion: 129 Resp: 4412

Ion Ratio Lower Upper

129 100

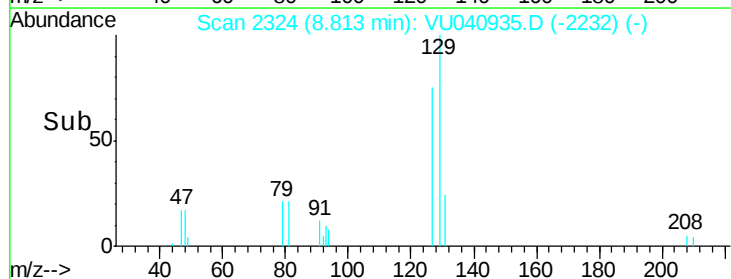
127 74.7 53.4 99.2



Abundance Ion 128.95 (128.65 to 129.65): V

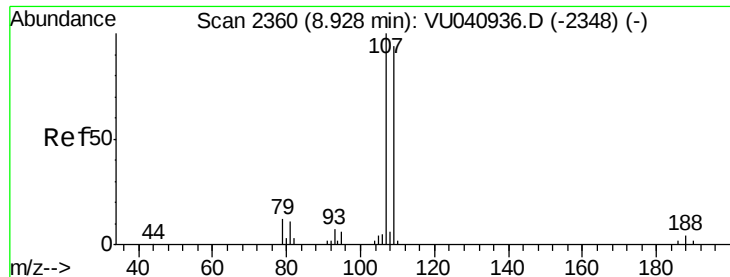
Ion 126.90 (126.60 to 127.60): V

Time-->



Abundance

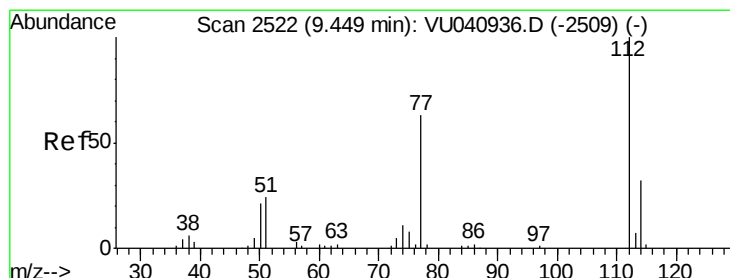
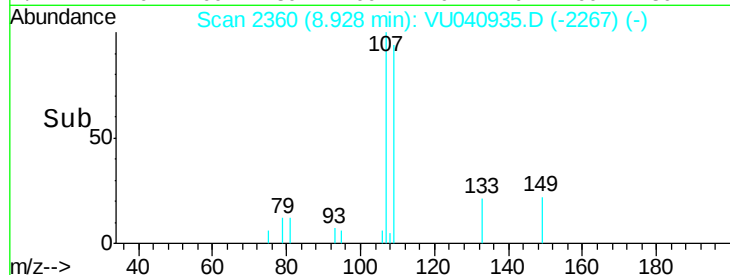
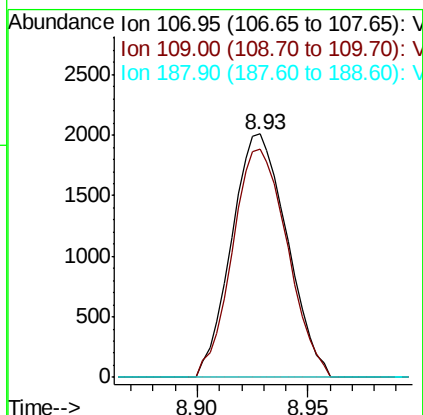
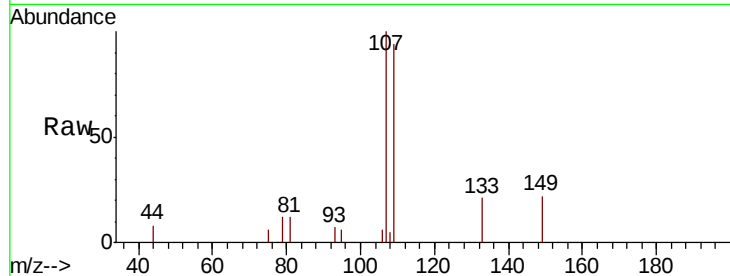
Time-->



#50
 1,2-Dibromoethane
 Concen: 1.024 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

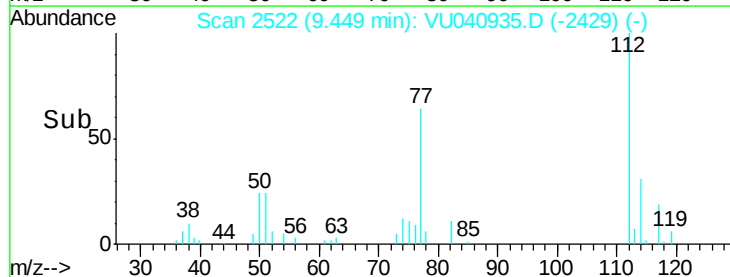
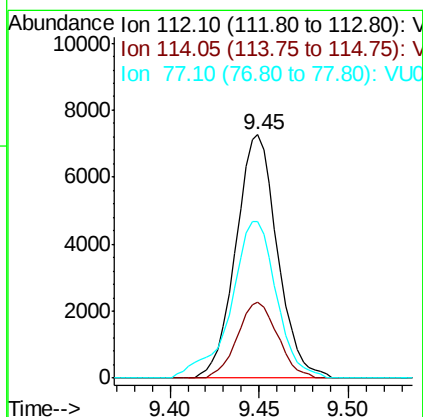
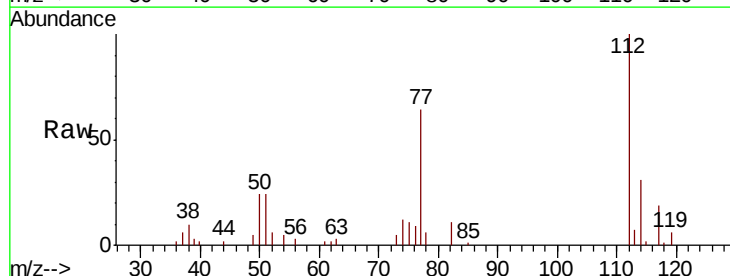
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

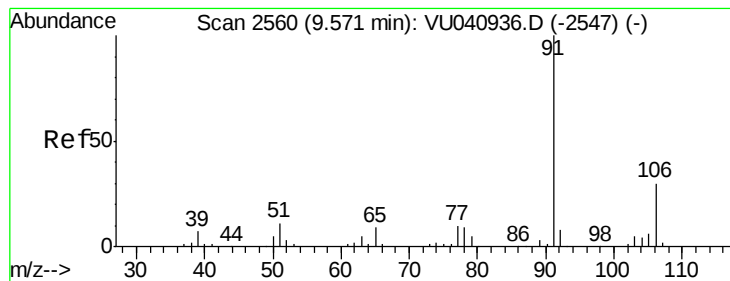
Tot Ion:107 Resp: 3513
 Ion Ratio Lower Upper
 107 100
 109 93.6 65.6 121.8
 188 0.0 2.9 4.3#



#51
 Chlorobenzene
 Concen: 0.926 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion:112 Resp: 11805
 Ion Ratio Lower Upper
 112 100
 114 31.1 22.4 41.6
 77 64.2 51.2 76.8





#52

Ethylbenzene

Concen: 0.830 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

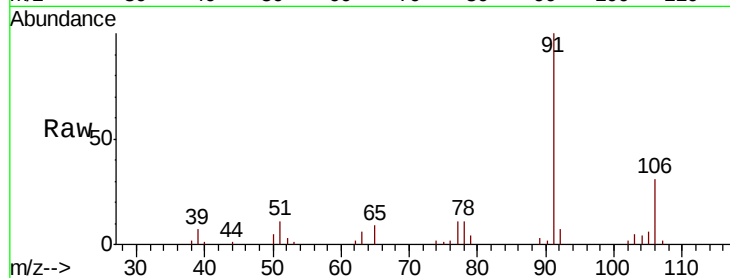
VSTD00102

Tot Ion: 91 Resp: 17650

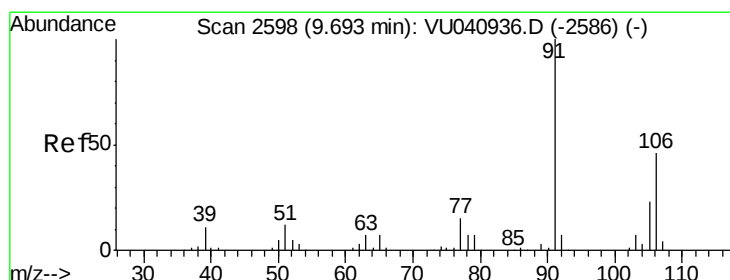
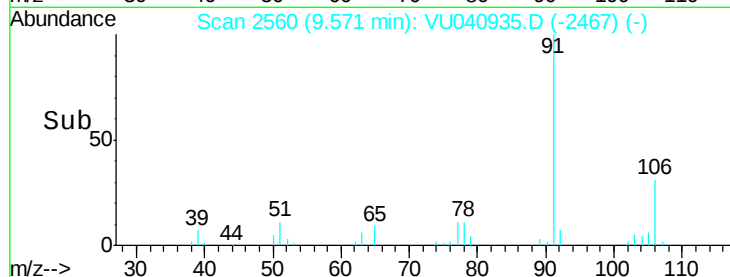
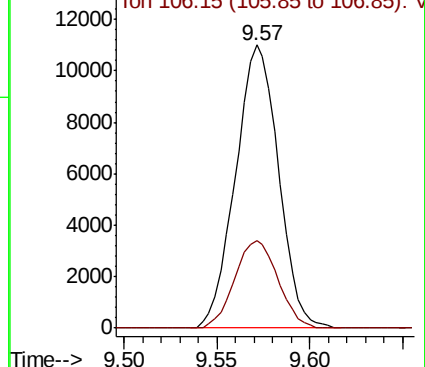
Ion Ratio Lower Upper

91 100

106 31.0 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU040935.D (-2505) (-)



#53

m,p-Xylene

Concen: 0.818 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040935.D

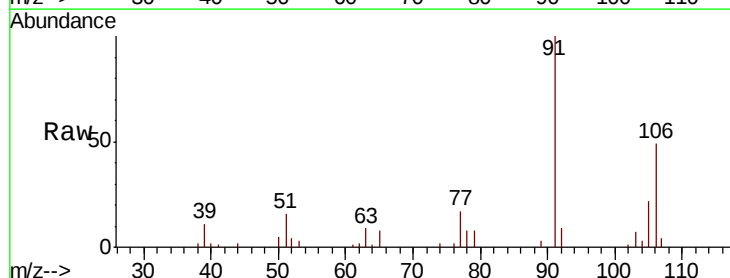
Acq: 26 Oct 2020 11:11

Tgt Ion: 106 Resp: 6240

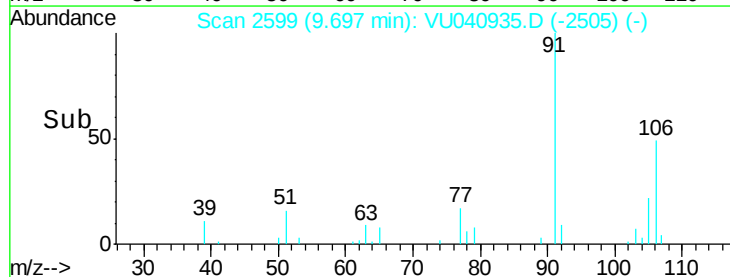
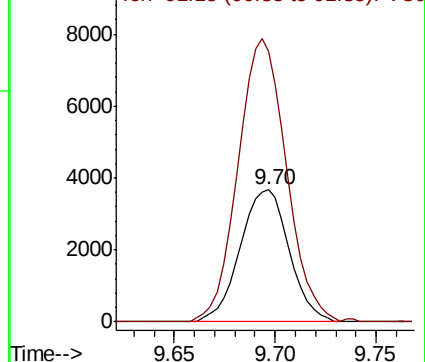
Ion Ratio Lower Upper

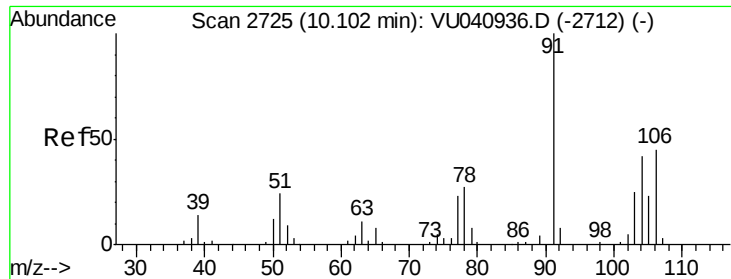
106 100

91 205.4 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU040935.D (-2505) (-)

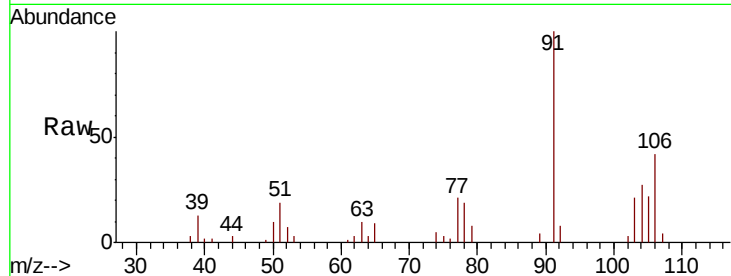




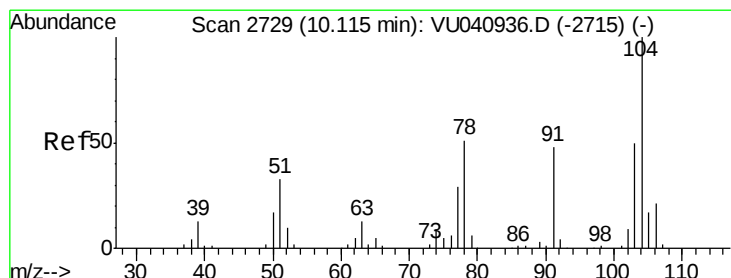
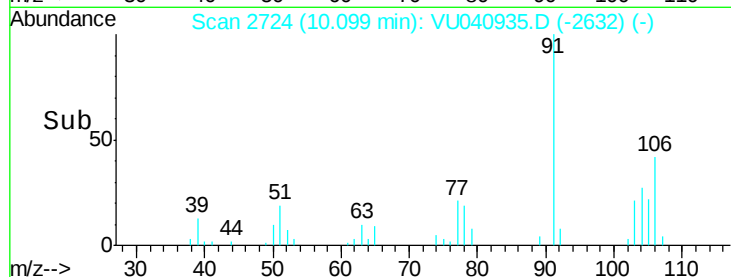
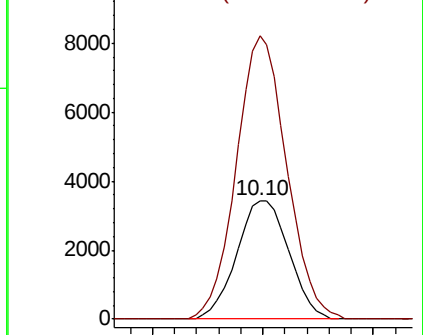
#54
o-Xylene
Concen: 0.774 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040935.D
Acq: 26 Oct 2020 11:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD00102

Tot Ion:106 Resp: 5615
Ion Ratio Lower Upper
106 100
91 239.3 154.3 286.5

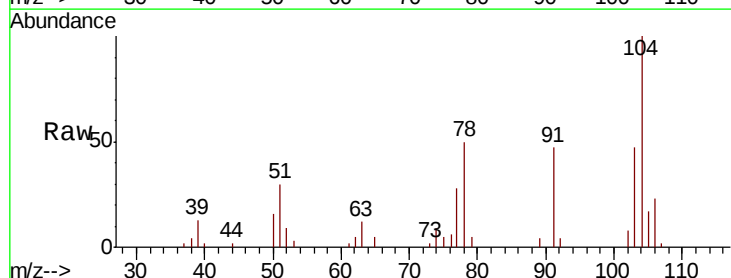


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

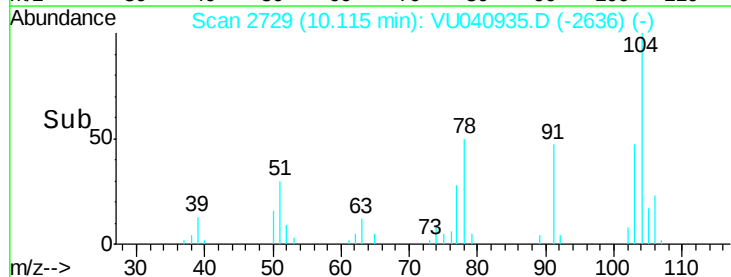
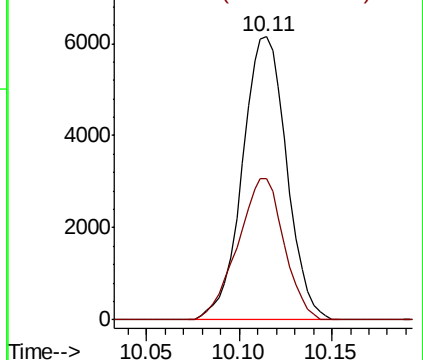


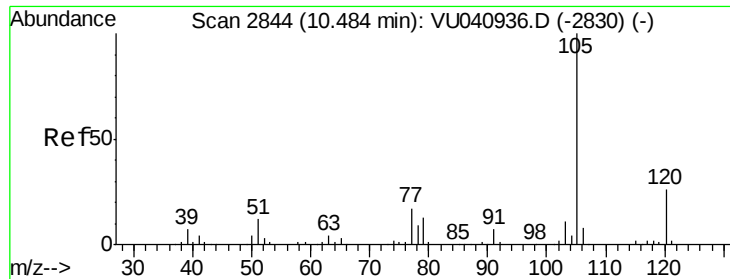
#55
Styrene
Concen: 0.809 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040935.D
Acq: 26 Oct 2020 11:11

Tgt Ion:104 Resp: 10233
Ion Ratio Lower Upper
104 100
78 49.7 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: 0.792 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD00102

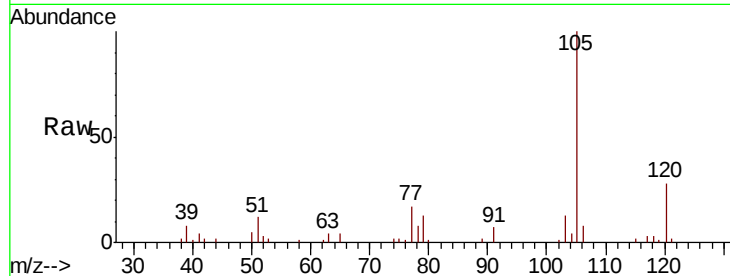
Tot Ion:105 Resp: 15318

Ion Ratio Lower Upper

105 100

120 27.2 20.7 31.1

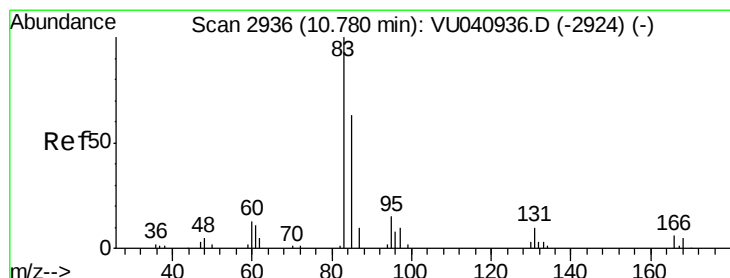
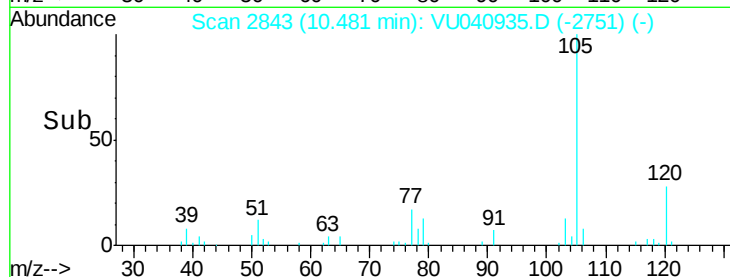
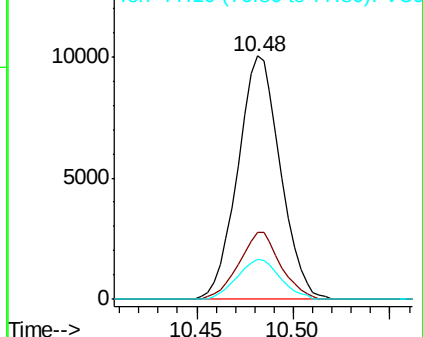
77 16.7 13.8 20.6



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: 1.011 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

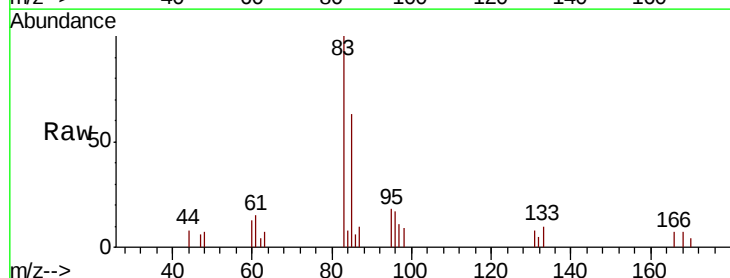
Tgt Ion: 83 Resp: 4768

Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.4

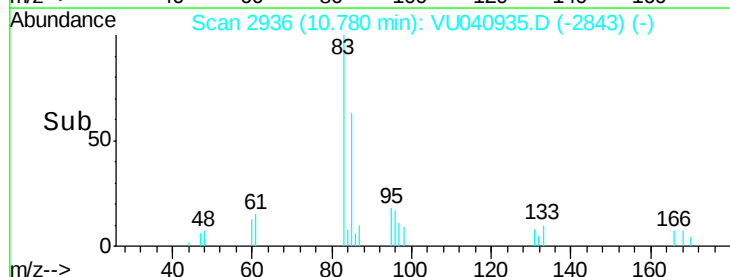
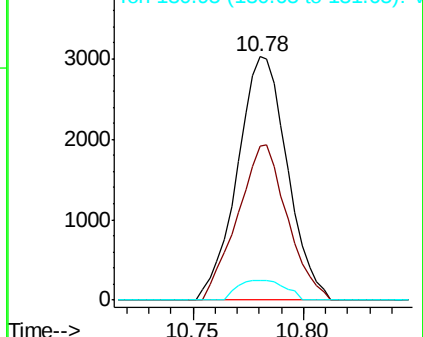
131 8.1 7.7 11.5

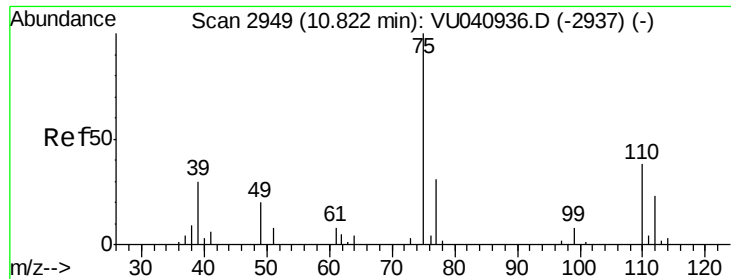


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 1.060 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

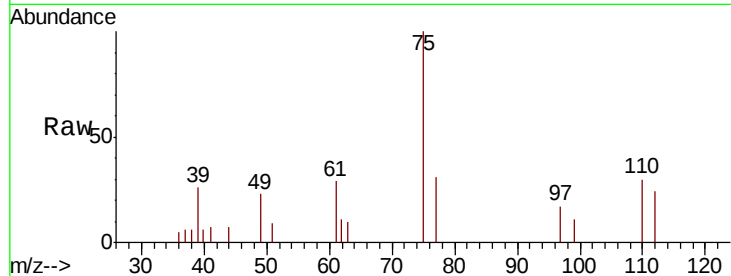
VSTD00102

Tot Ion: 75 Resp: 3764

Ion Ratio Lower Upper

75 100

77 28.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU040935.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU040935.D (-2937) (-)

10.82

2500

2000

1500

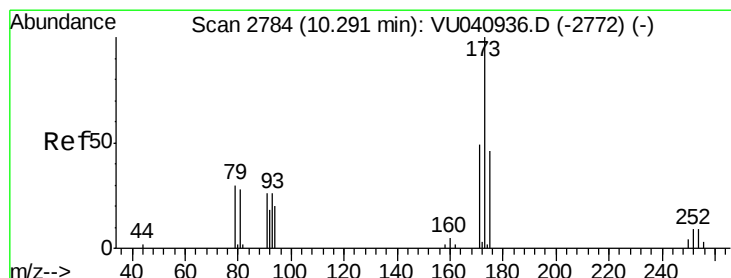
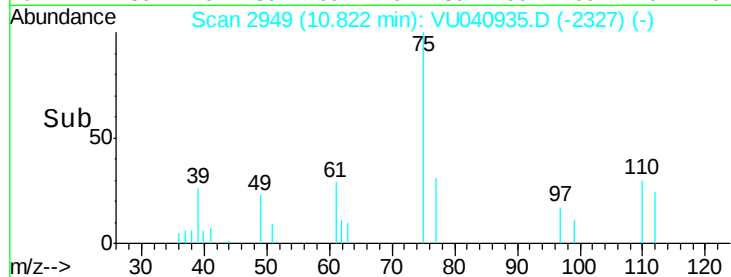
1000

500

0

10.80 10.85

Time-->



#61

Bromoform

Concen: 1.079 ug/L

RT: 10.29 min Scan# 2783

Delta R.T. -0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

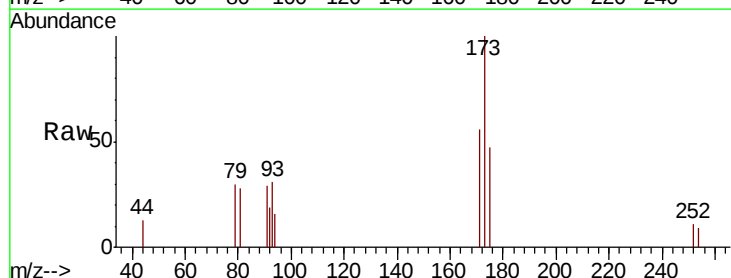
Tgt Ion:173 Resp: 2308

Ion Ratio Lower Upper

173 100

175 47.3 37.6 56.4

254 3.8 6.6 9.8#



Abundance Ion 172.90 (172.60 to 173.60): VU040935.D (-2691) (-)

Ion 174.90 (174.60 to 175.60): VU040935.D (-2691) (-)

Ion 253.75 (253.45 to 254.45): VU040935.D (-2691) (-)

2000

1500

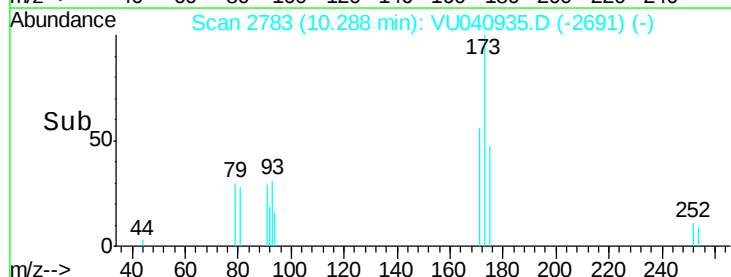
1000

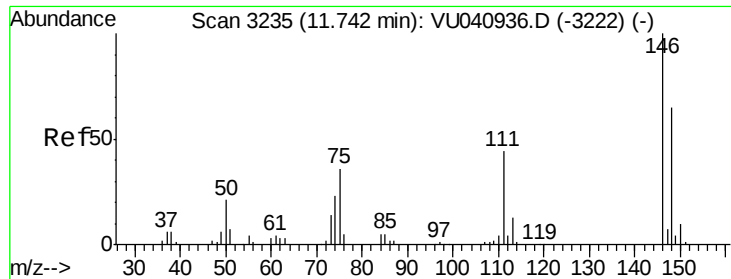
500

0

10.25 10.30

Time-->

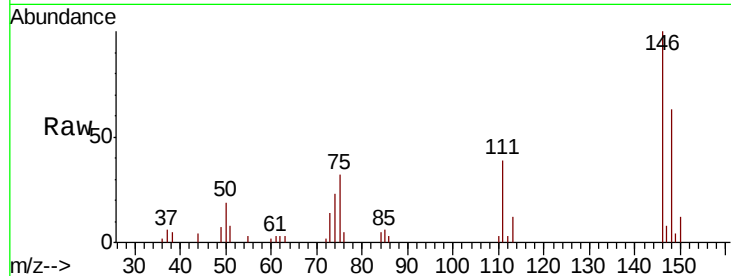




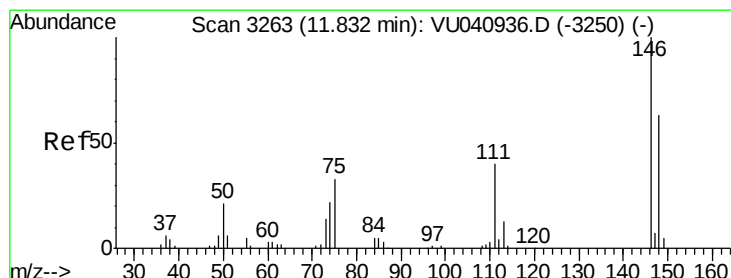
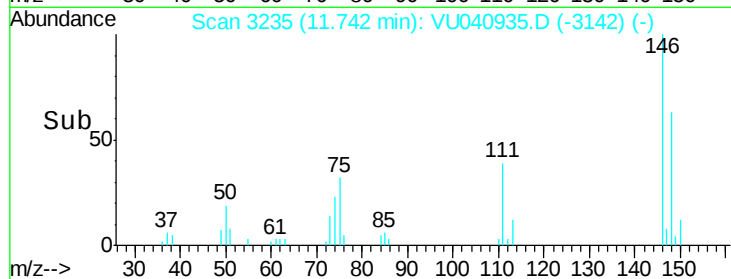
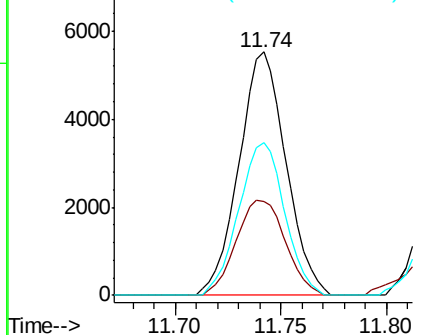
#62
 1,3-Dichlorobenzene
 Concen: 0.954 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Tot Ion:146 Resp: 8562
 Ion Ratio Lower Upper
 146 100
 111 38.6 30.9 57.3
 148 62.7 45.8 85.2

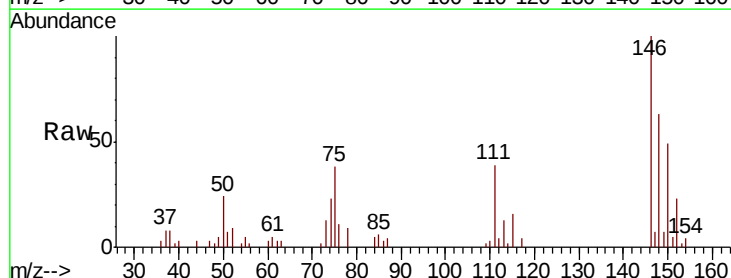


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

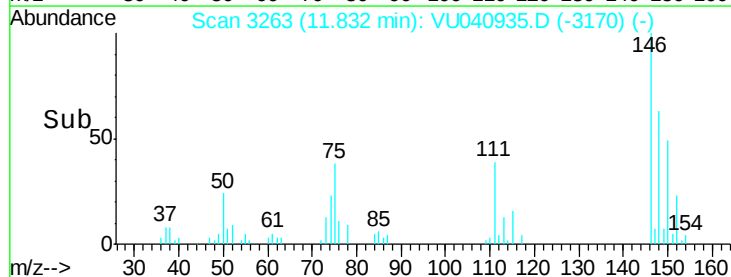
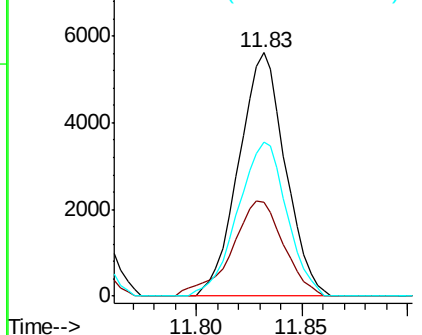


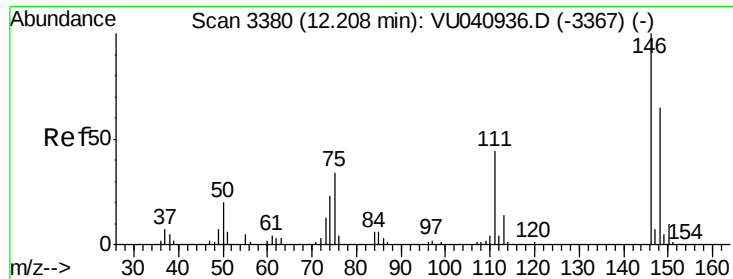
#63
 1,4-Dichlorobenzene
 Concen: 0.929 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion:146 Resp: 8601
 Ion Ratio Lower Upper
 146 100
 111 38.7 28.3 52.7
 148 63.1 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: 0.991 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD00102

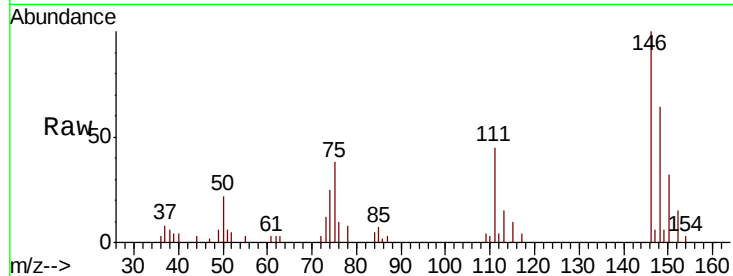
Tot Ion:146 Resp: 8405

Ion Ratio Lower Upper

146 100

111 45.2 35.0 52.6

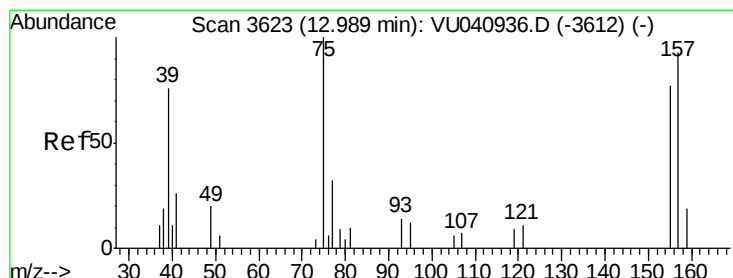
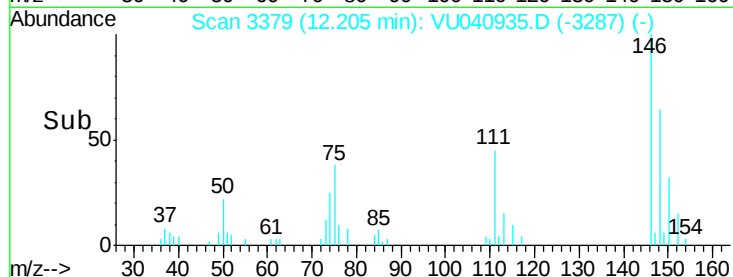
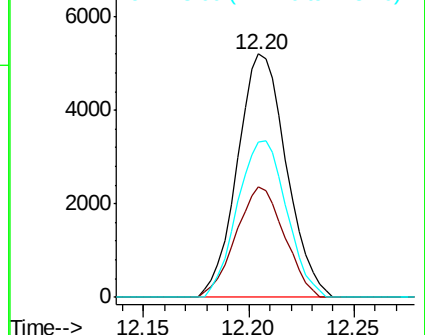
148 63.8 52.0 78.0



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: 1.166 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

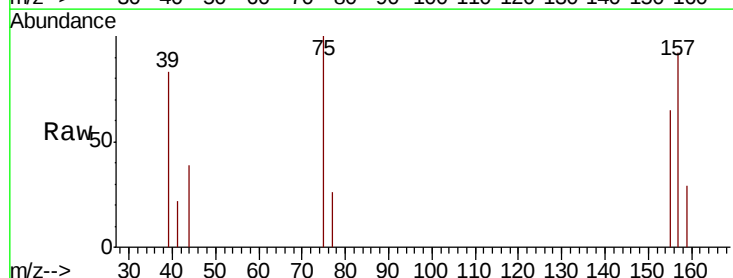
Tgt Ion: 75 Resp: 945

Ion Ratio Lower Upper

75 100

155 64.6 61.4 92.2

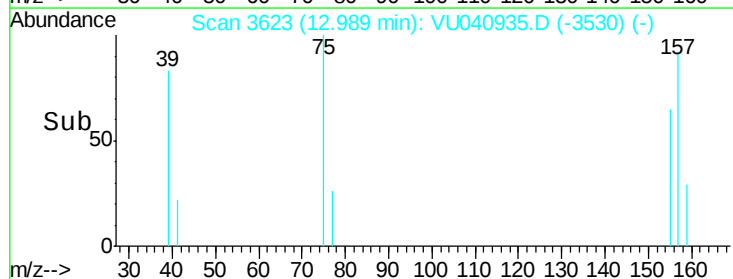
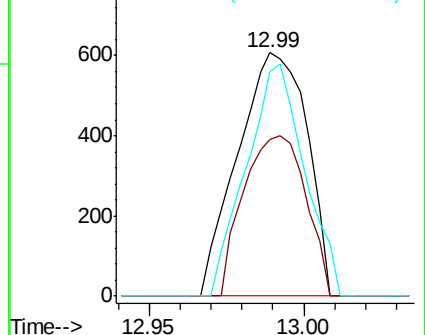
157 92.4 74.2 111.4

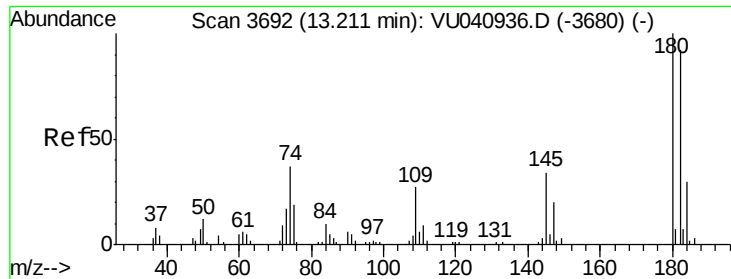


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

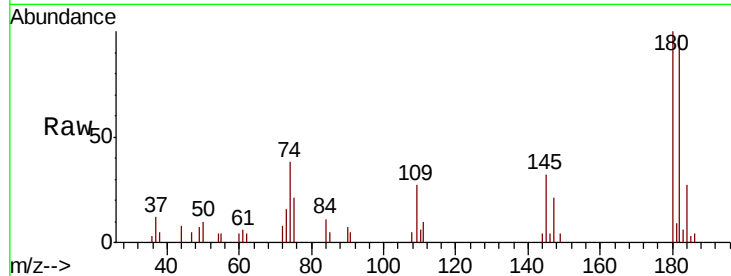




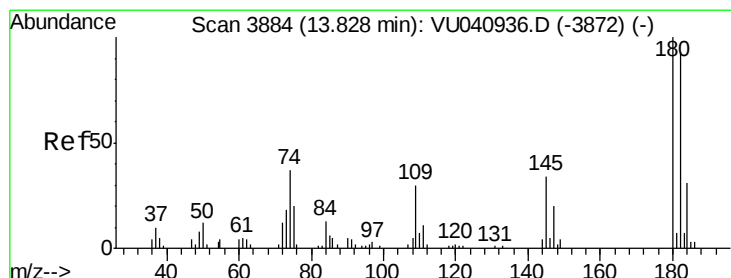
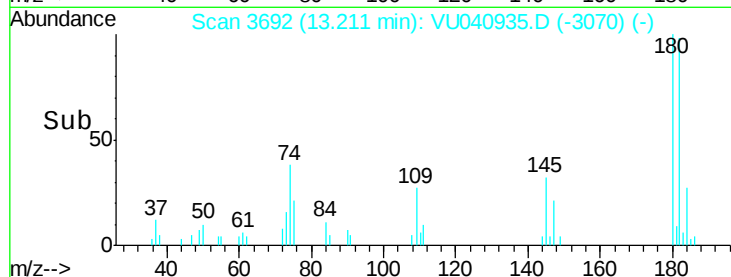
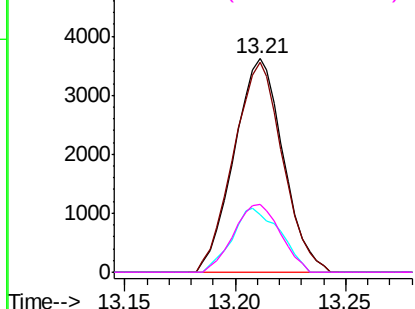
#67
 1,3,5-Trichlorobenzene
 Concen: 0.849 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Tot Ion:180 Resp: 5591
 Ion Ratio Lower Upper
 180 100
 182 98.2 75.7 113.5
 184 29.6 23.7 35.5
 145 30.3 26.1 39.1

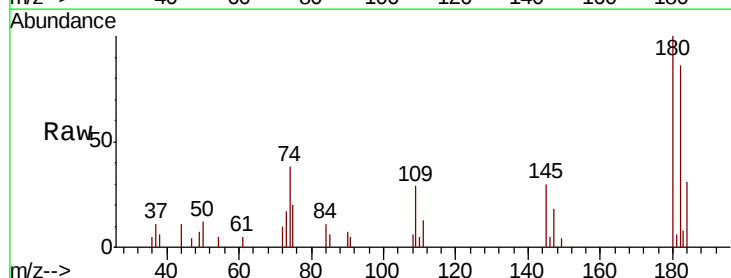


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

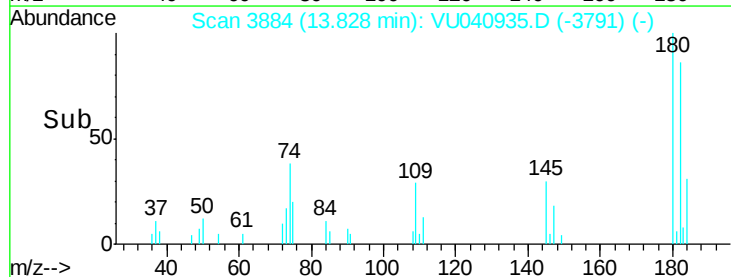
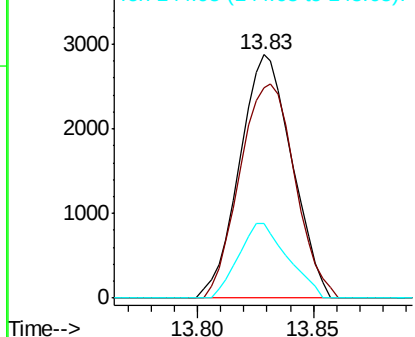


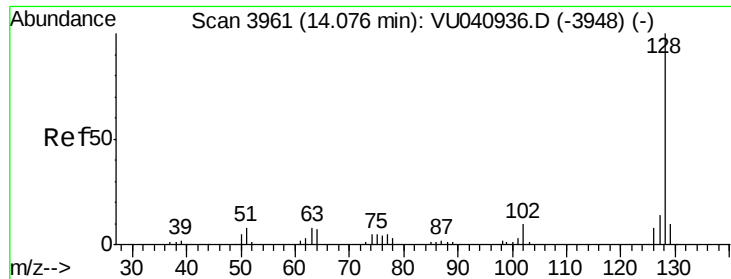
#68
 1,2,4-trichlorobenzene
 Concen: 0.815 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU040935.D
 Acq: 26 Oct 2020 11:11

Tgt Ion:180 Resp: 4504
 Ion Ratio Lower Upper
 180 100
 182 92.5 73.5 110.3
 145 28.8 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: 0.639 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD00102

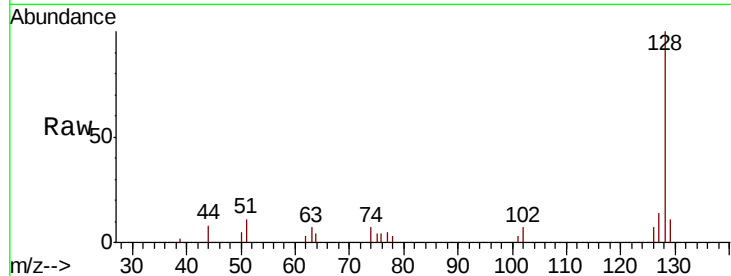
Tot Ion:128 Resp: 6461

Ion Ratio Lower Upper

128 100

129 9.3 8.7 13.1

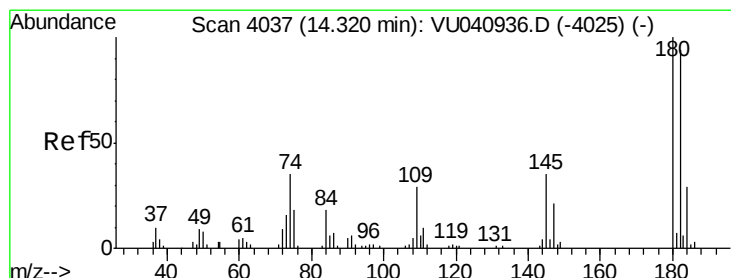
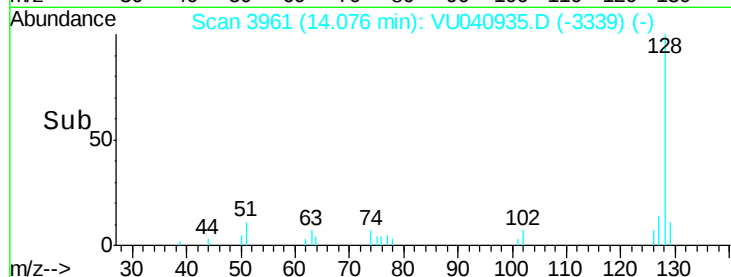
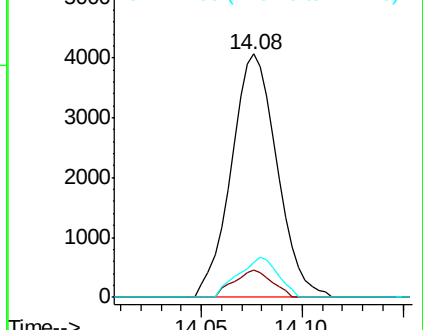
127 14.2 10.8 16.2



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: 0.741 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040935.D

Acq: 26 Oct 2020 11:11

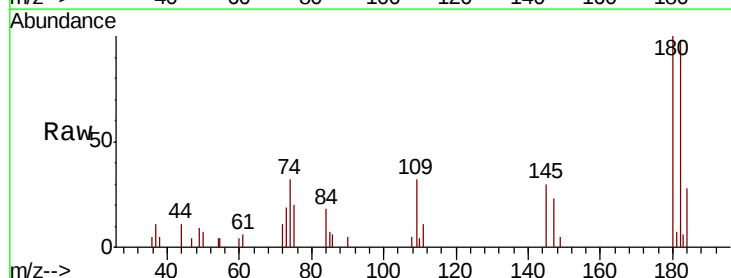
Tgt Ion:180 Resp: 3959

Ion Ratio Lower Upper

180 100

182 97.0 77.7 116.5

145 31.3 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

