

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090220\
 Data File : VU040014.D
 Acq On : 02 Sep 2020 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 01:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 02 11:35:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120623	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60245	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31749	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	27416	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	81277	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.65	46	139205	52.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	5.08	84	75558	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	45512	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	137517	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	45471	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.90	98	123464	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.18	79	20733	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.64	63	105413	52.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40398	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47553	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	55092	4.602	ug/L	97
3) Chloromethane	1.53	50	60789	5.304	ug/L	99
5) Vinyl chloride	1.61	62	59339	5.107	ug/L	95
6) Bromomethane	1.87	94	33415	5.626	ug/L	94
8) Chloroethane	1.94	64	34831	4.988	ug/L	100
9) Trichlorofluoromethane	2.15	101	88583	5.322	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	53668	4.974	ug/L	99
12) 1,1-Dichloroethene	2.59	96	47631	5.103	ug/L	98
13) Acetone	2.66	43	131824	54.058	ug/L	98
14) Carbon disulfide	2.81	76	148973	4.977	ug/L	99
15) Methyl Acetate	2.97	43	31831	5.201	ug/L	94
16) Methylene chloride	3.06	84	57660	4.717	ug/L	89
17) Methyl tert-butyl Ether	3.38	73	144500	5.136	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	50958	5.075	ug/L	97
19) 1,1-Dichloroethane	3.89	63	103525	5.009	ug/L	98
21) 2-Butanone	4.73	43	211315	53.078	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	56560	5.238	ug/L	95

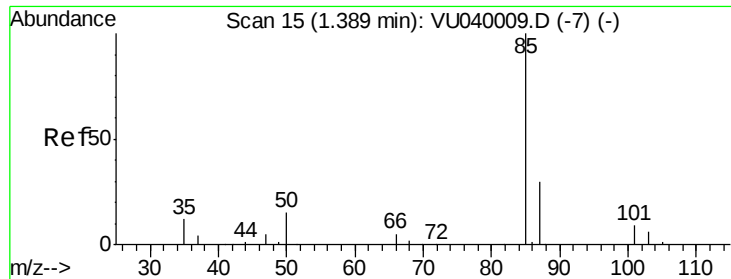
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090220\
 Data File : VU040014.D
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 02 11:35:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	24435	5.165	ug/L	93
25) Chloroform	5.10	83	108578	5.130	ug/L	99
27) 1,2-Dichloroethane	5.81	62	79925	5.154	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	91424	4.825	ug/L	98
30) Cyclohexane	5.40	56	89746	4.884	ug/L	98
31) Carbon tetrachloride	5.54	117	79230	4.886	ug/L	97
33) Benzene	5.79	78	212414	4.920	ug/L	100
34) Trichloroethene	6.55	95	56670	4.893	ug/L	96
35) Methylcyclohexane	6.77	83	86869	4.899	ug/L	98
37) 1,2-Dichloropropane	6.80	63	58728	5.023	ug/L	99
38) Bromodichloromethane	7.11	83	78039	4.890	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	85789	4.976	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	504171	52.562	ug/L	100
42) Toluene	7.97	91	227027	5.106	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	81298	5.089	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	43752	5.137	ug/L	98
47) Tetrachloroethene	8.56	164	37066	4.872	ug/L	96
48) 2-Hexanone	8.69	43	375034	53.601	ug/L	99
49) Dibromochloromethane	8.81	129	51030	4.992	ug/L	92
50) 1,2-Dibromoethane	8.93	107	41323	5.033	ug/L	95
51) Chlorobenzene	9.45	112	144090	5.220	ug/L	97
52) Ethylbenzene	9.57	91	254417	5.036	ug/L	100
53) m,p-Xylene	9.69	106	95106	5.288	ug/L	97
54) o-Xylene	10.10	106	90998	5.309	ug/L	100
55) Styrene	10.11	104	158518	5.318	ug/L	98
56) Isopropylbenzene	10.48	105	249820	5.344	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	57377	5.254	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	45095	5.207	ug/L	96
61) Bromoform	10.29	173	27501	4.977	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	112980	5.131	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	114228	5.127	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	107942	5.066	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	11146	4.891	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	78773	5.088	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	66767	5.007	ug/L	100
69) Naphthalene	14.08	128	133541	4.804	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	61432	5.015	ug/L	98

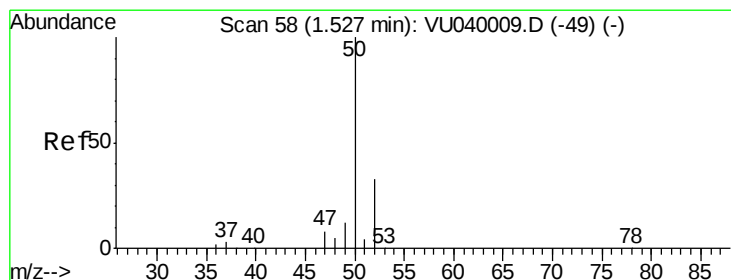
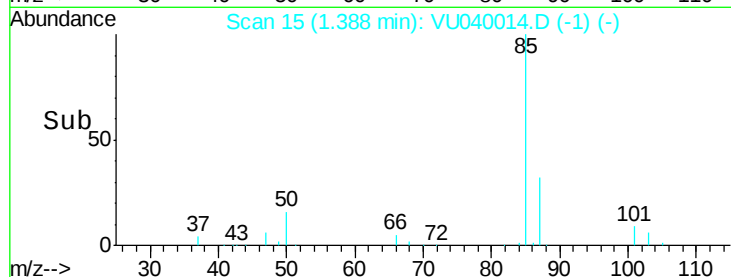
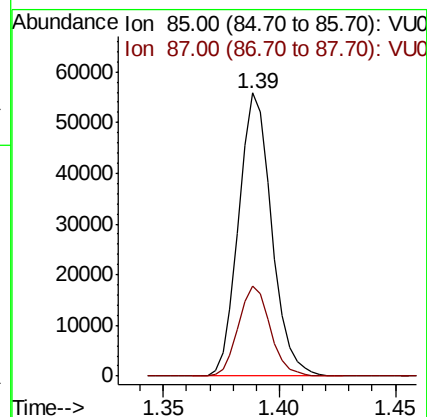
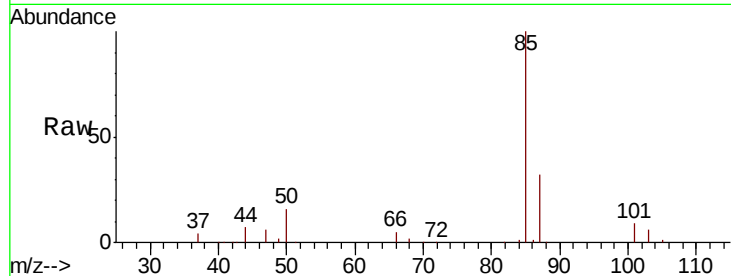
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.602 ug/L
RT: 1.39 min Scan# 15
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

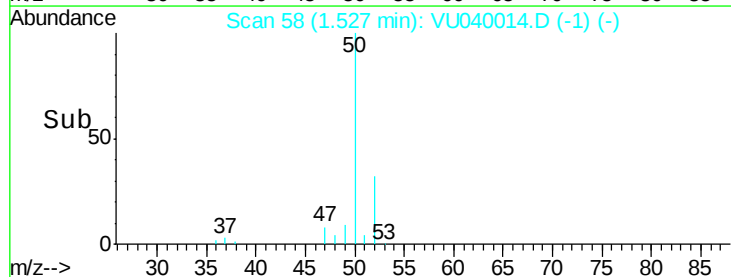
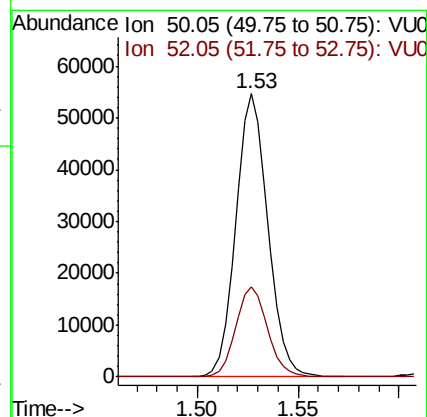
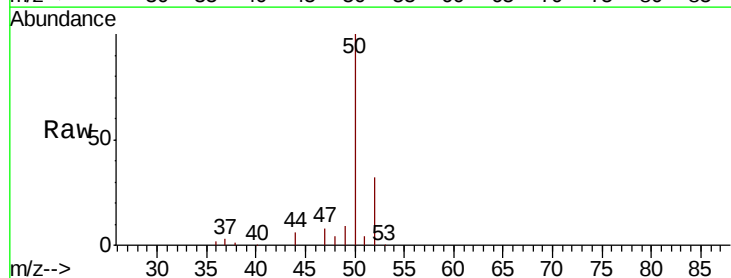
Instrument :
MSVOA_U
ClientSampled :

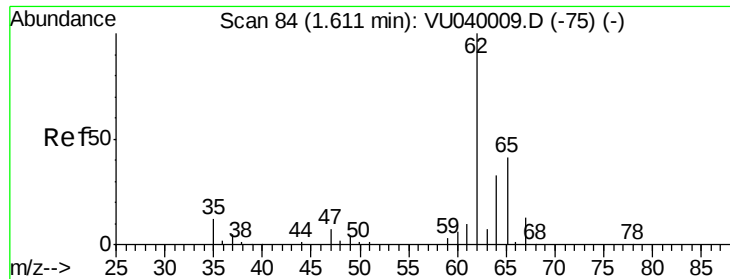
Tot Ion: 85 Resp: 55092
Ion Ratio Lower Upper
85 100
87 30.6 25.9 38.9



#3
Chloromethane
Concen: 5.304 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Tgt Ion: 50 Resp: 60789
Ion Ratio Lower Upper
50 100
52 31.8 22.8 42.4





#5

Vinyl chloride

Concen: 5.107 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Instrument :

MSVOA_U

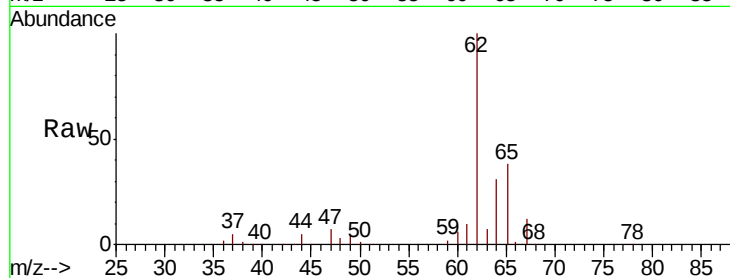
ClientSampled :

Tot Ion: 62 Resp: 59339

Ion Ratio Lower Upper

62 100

64 31.5 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

60000

50000

40000

30000

20000

10000

0

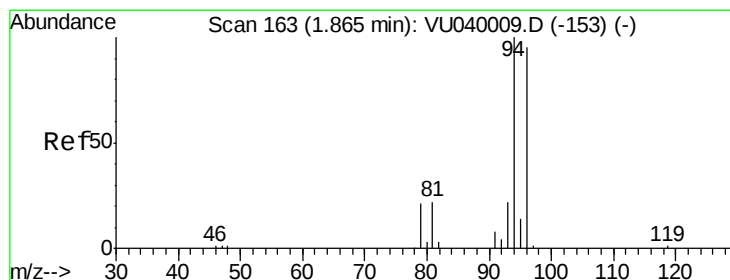
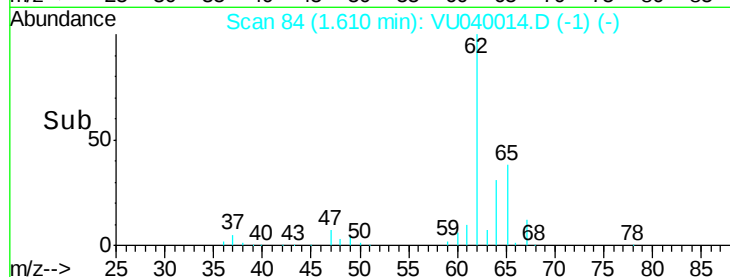
1.61

1.55

1.60

1.65

Time-->



#6

Bromomethane

Concen: 5.626 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU040014.D

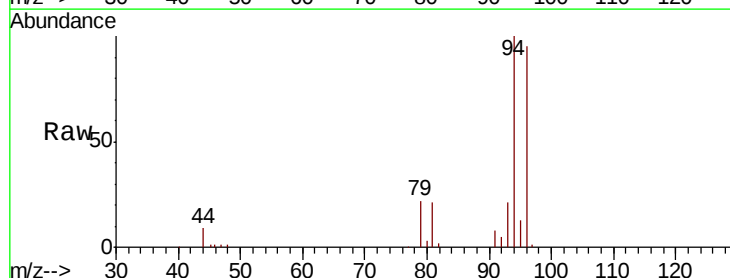
Acq: 02 Sep 2020 09:34

Tgt Ion: 94 Resp: 33415

Ion Ratio Lower Upper

94 100

96 94.6 62.3 115.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

30000

25000

20000

15000

10000

5000

0

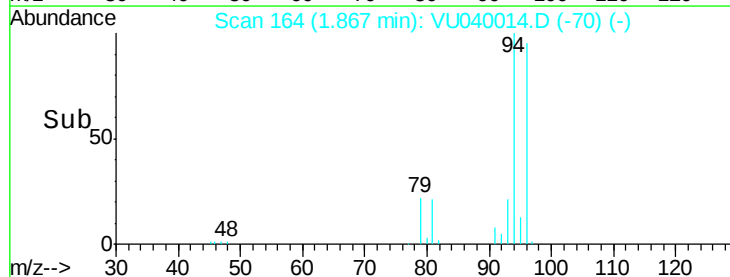
1.87

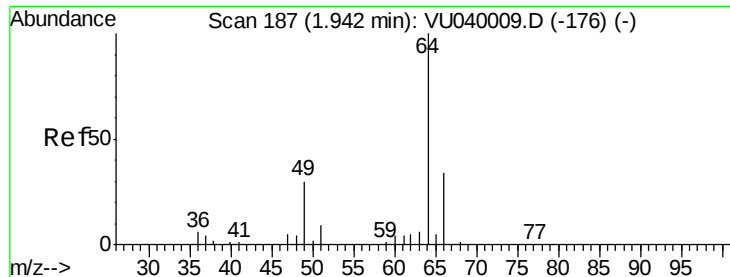
1.80

1.85

1.90

Time-->

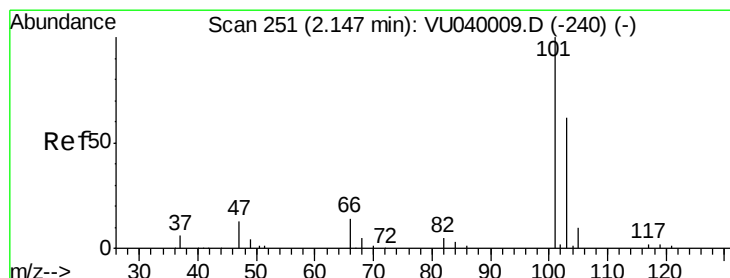
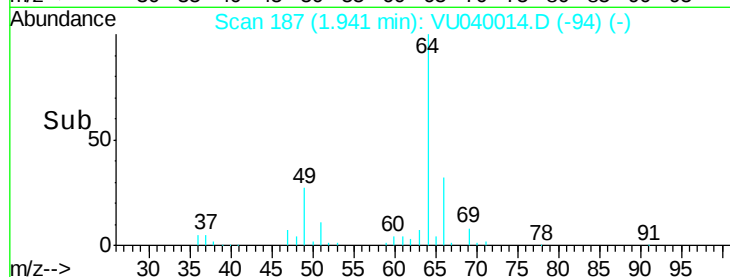
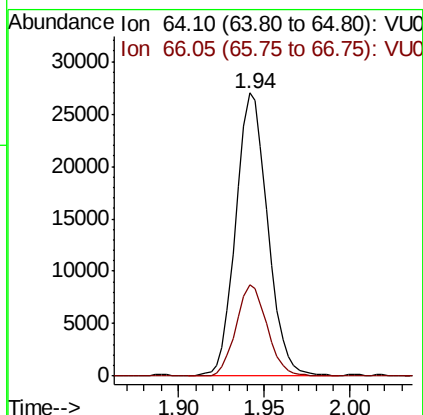
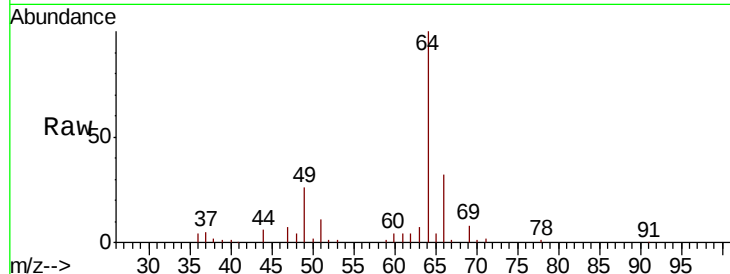




#8
Chloroethane
Concen: 4.988 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

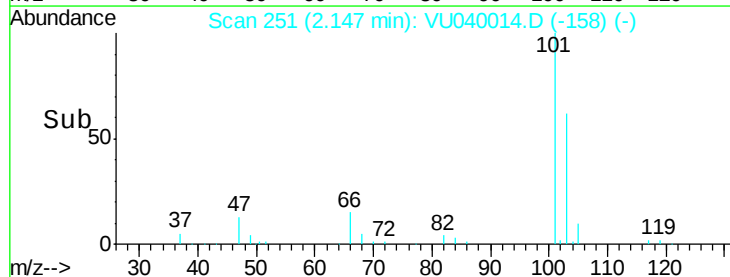
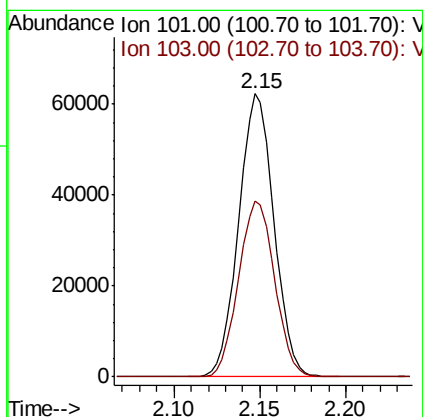
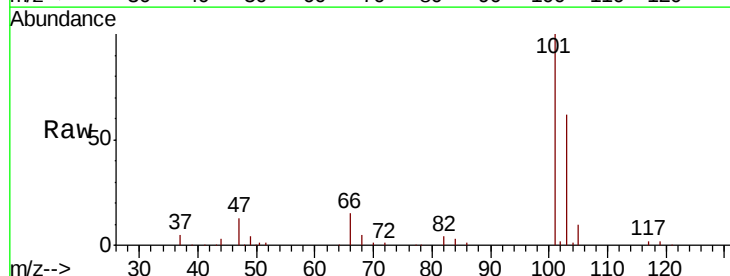
Instrument :
MSVOA_U
ClientSampled :

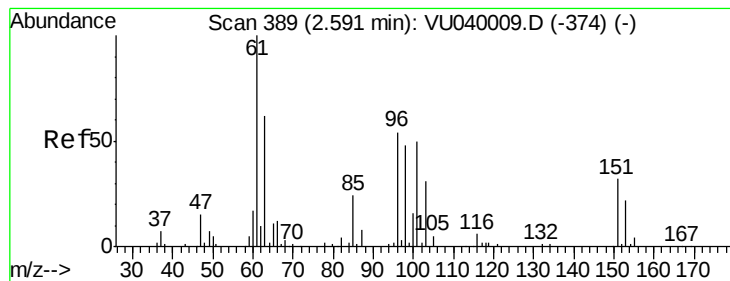
Tot Ion: 64 Resp: 34831
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.322 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Tgt Ion: 101 Resp: 88583
Ion Ratio Lower Upper
101 100
103 63.7 51.3 76.9





#10

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

Concen: 4.974 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Instrument :

MSVOA_U

ClientSampled :

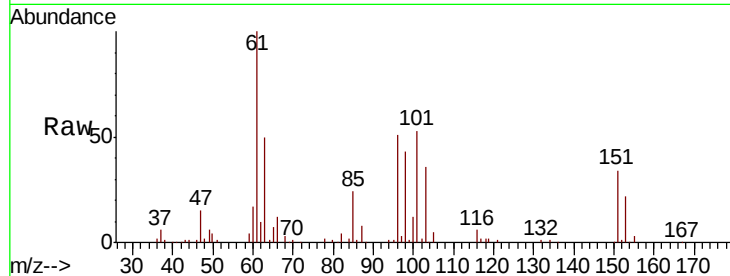
Tot Ion:101 Resp: 53668

Ion Ratio Lower Upper

101 100

85 47.8 37.7 56.5

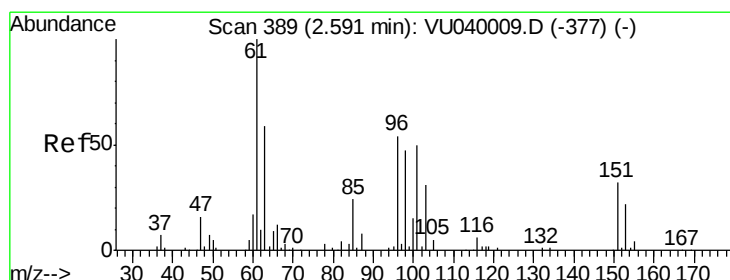
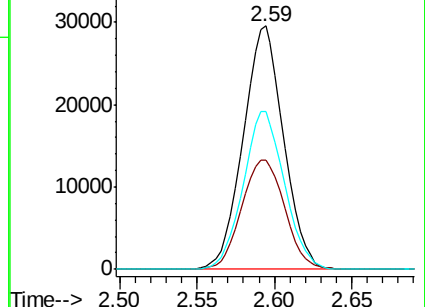
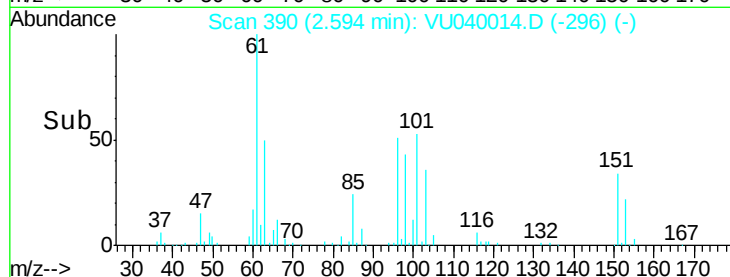
151 66.1 53.9 80.9



Abundance Ion 101.00 (100.70 to 101.70): VU040014.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VU040014.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VU040014.D (-296) (-)



#12

1,1-Dichloroethene

Concen: 5.103 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

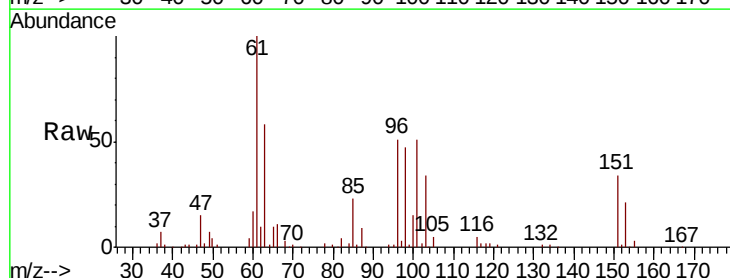
Tgt Ion: 96 Resp: 47631

Ion Ratio Lower Upper

96 100

61 195.5 138.3 256.8

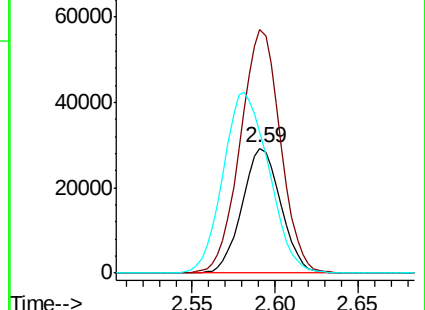
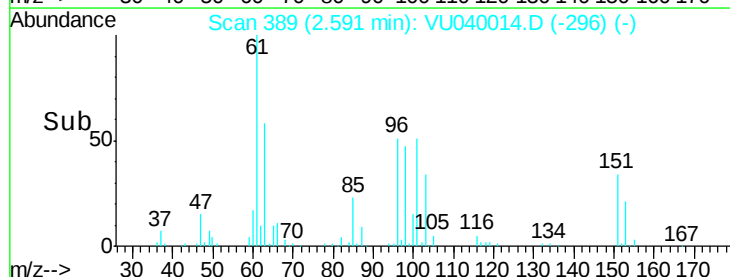
63 112.9 77.6 144.2

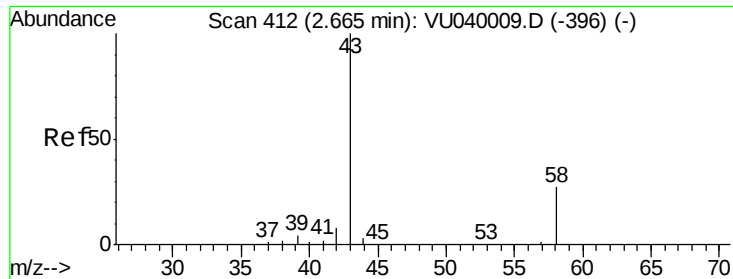


Abundance Ion 96.00 (95.70 to 96.70): VU040014.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VU040014.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VU040014.D (-296) (-)





#13

Acetone

Concen: 54.058 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Instrument :

MSVOA_U

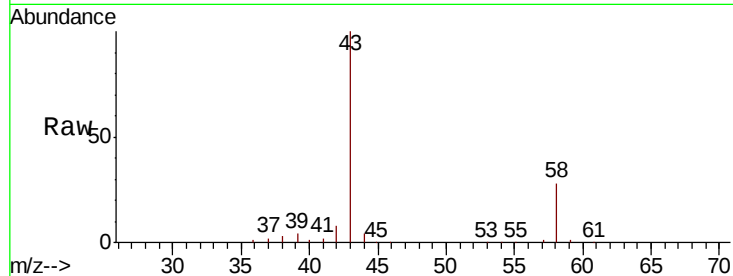
ClientSampled :

Tot Ion: 43 Resp: 131824

Ion Ratio Lower Upper

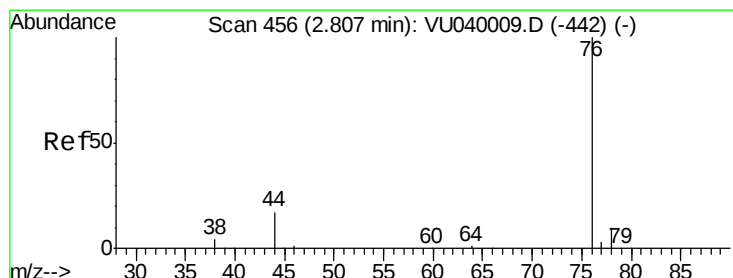
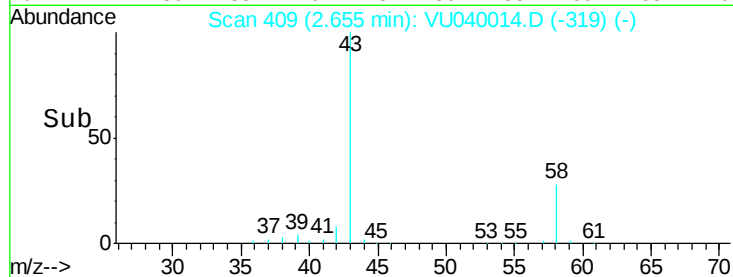
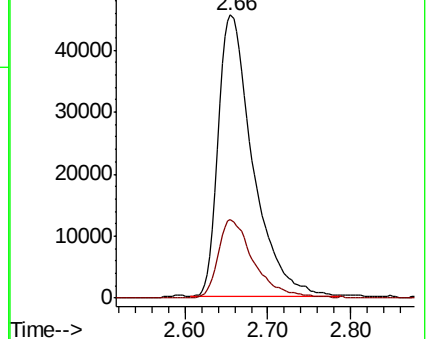
43 100

58 28.7 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040009.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU040009.D (-396) (-)



#14

Carbon disulfide

Concen: 4.977 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040014.D

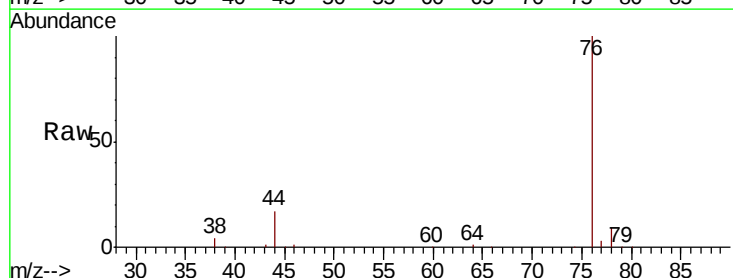
Acq: 02 Sep 2020 09:34

Tgt Ion: 76 Resp: 148973

Ion Ratio Lower Upper

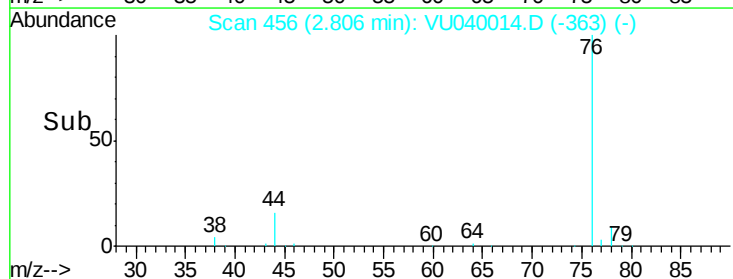
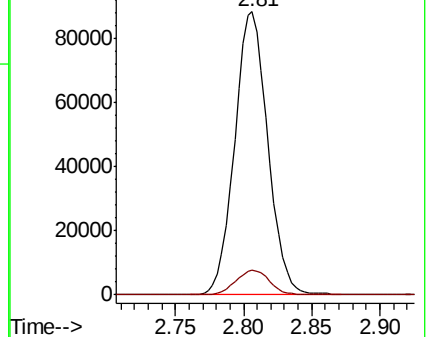
76 100

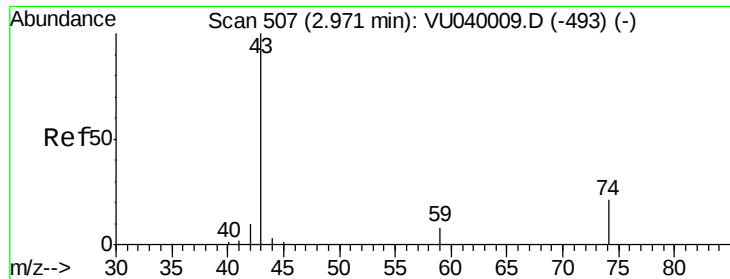
78 8.7 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040009.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040009.D (-442) (-)

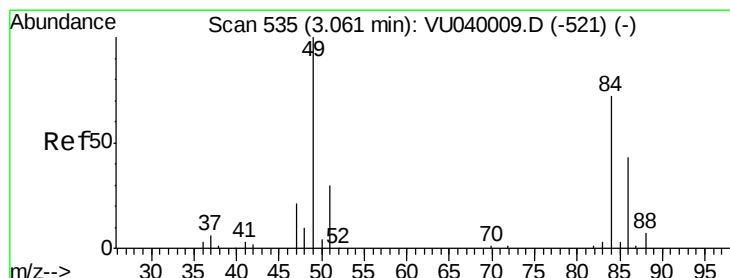
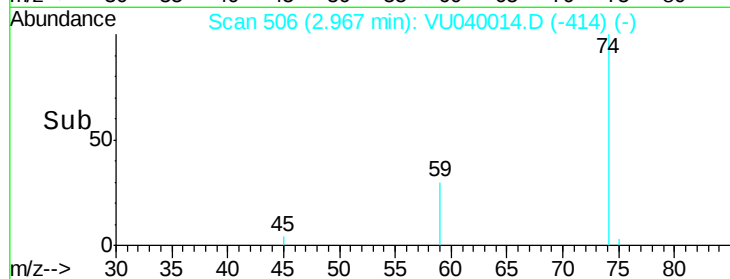
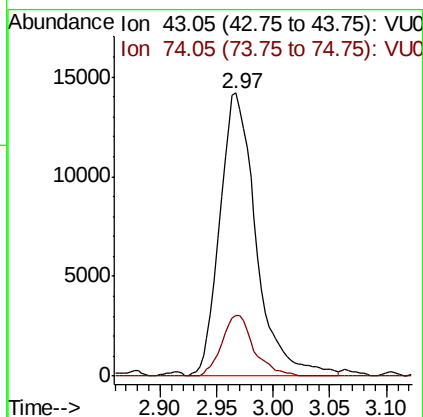
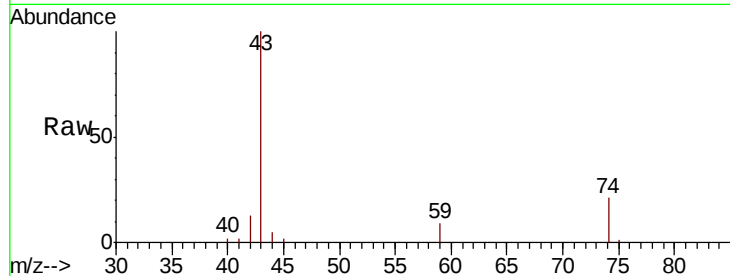




#15
Methvl Acetate
Concen: 5.201 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

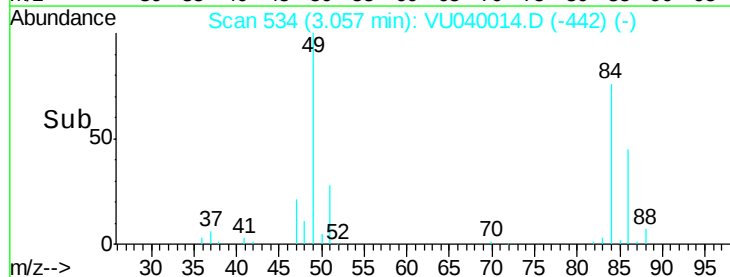
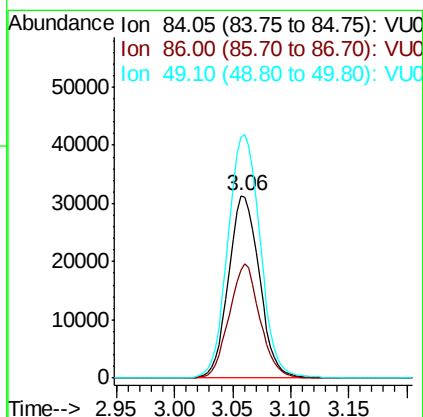
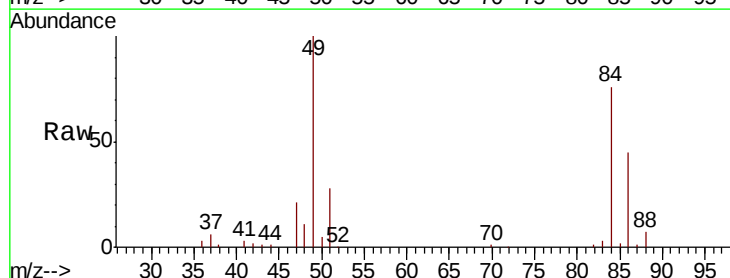
Instrument :
MSVOA_U
ClientSampleId :

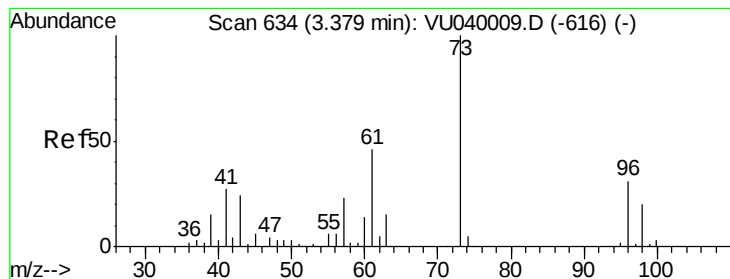
Tot Ion: 43 Resp: 31831
Ion Ratio Lower Upper
43 100
74 18.9 17.4 26.0



#16
Methylene chloride
Concen: 4.717 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Tgt Ion: 84 Resp: 57660
Ion Ratio Lower Upper
84 100
86 59.4 45.2 84.0
49 132.2 104.0 193.2



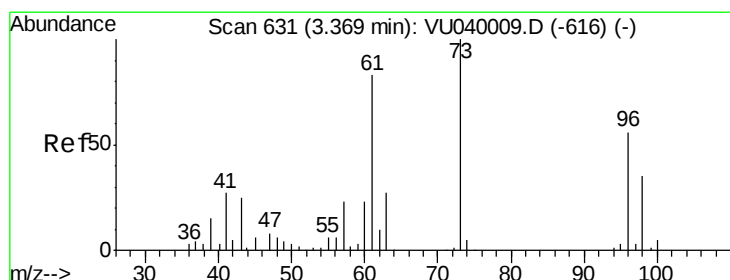
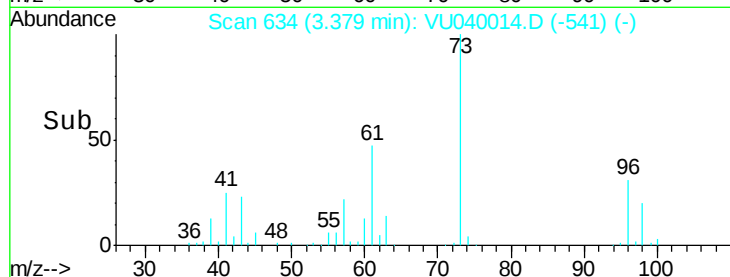
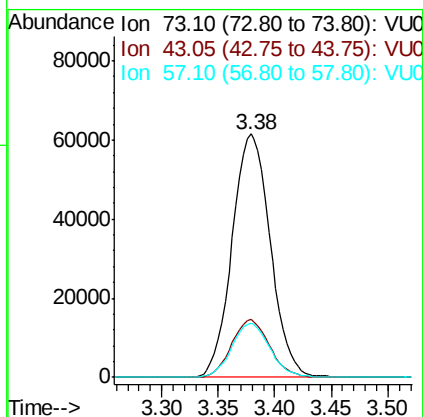
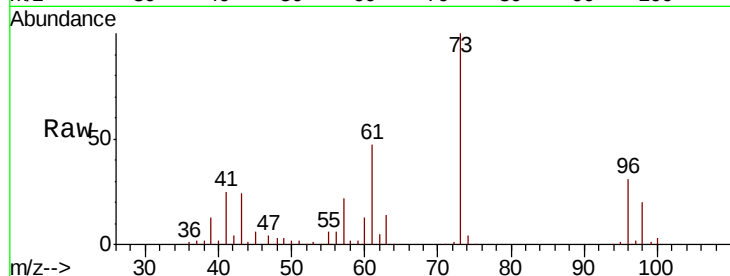


#17

Methvl tert-butvl Ether
 Concen: 5.136 ug/L
 RT: 3.38 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Instrument :
 MSVOA_U
 ClientSampleId :

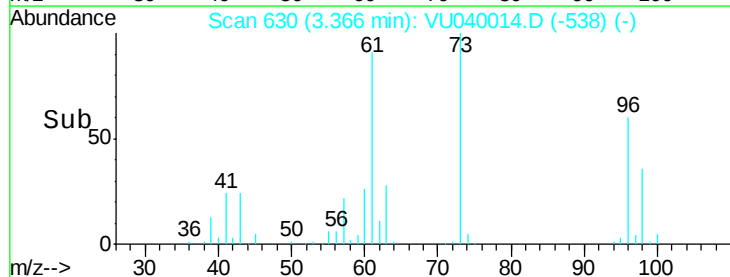
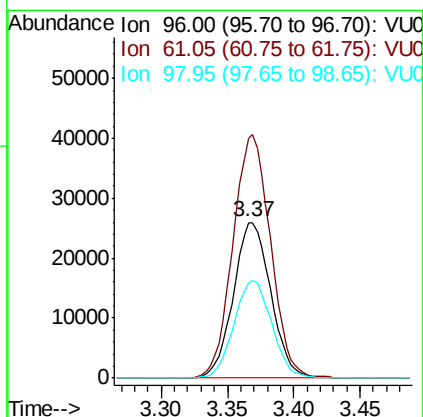
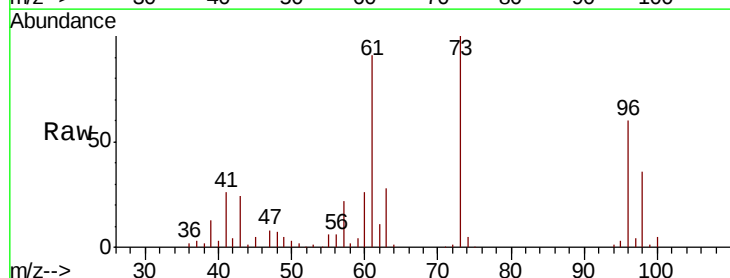
Tot Ion: 73 Resp: 144500
 Ion Ratio Lower Upper
 73 100
 43 23.6 19.1 28.7
 57 22.2 18.3 27.5

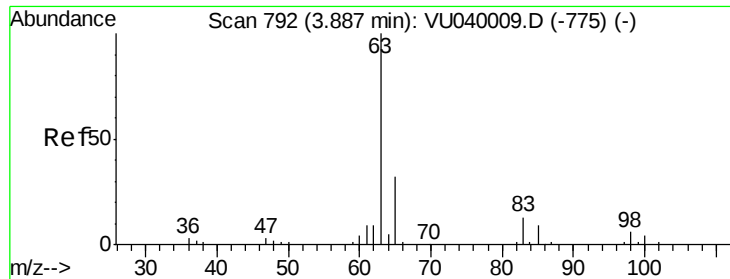


#18

trans-1,2-Dichloroethene
 Concen: 5.075 ug/L
 RT: 3.37 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion: 96 Resp: 50958
 Ion Ratio Lower Upper
 96 100
 61 153.6 110.5 205.3
 98 60.9 43.2 80.2

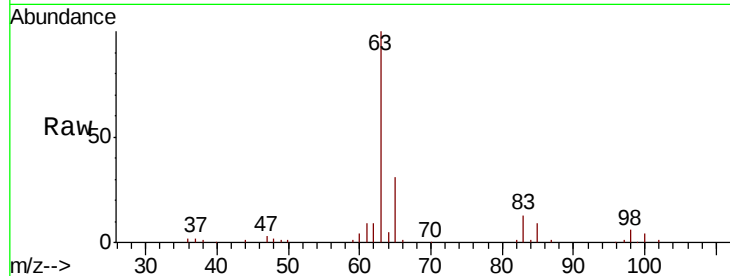




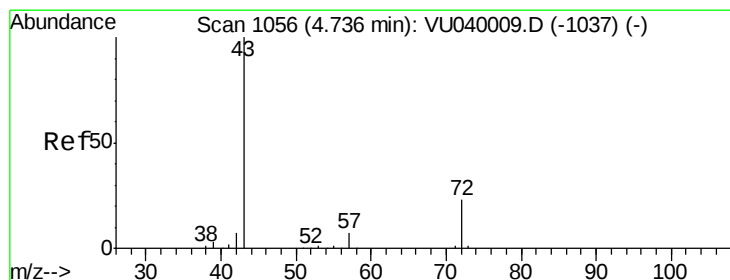
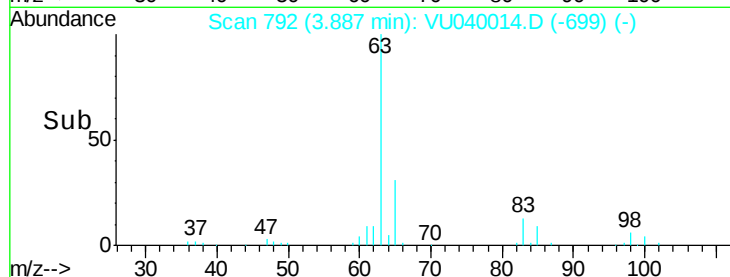
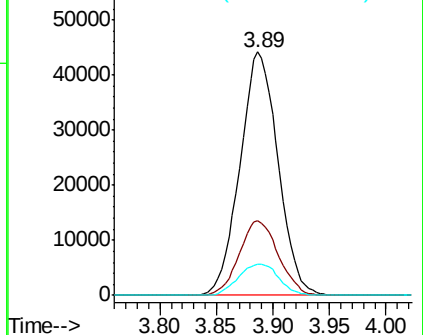
#19
 1,1-Dichloroethane
 Concen: 5.009 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 103525
 Ion Ratio Lower Upper
 63 100
 65 30.8 22.2 41.2
 83 12.7 9.4 17.6

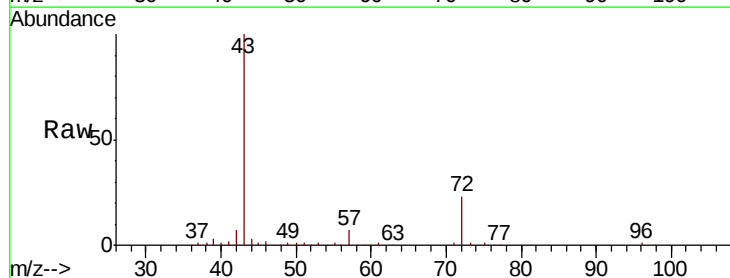


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

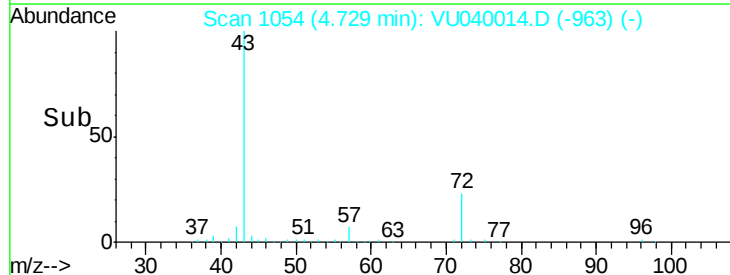
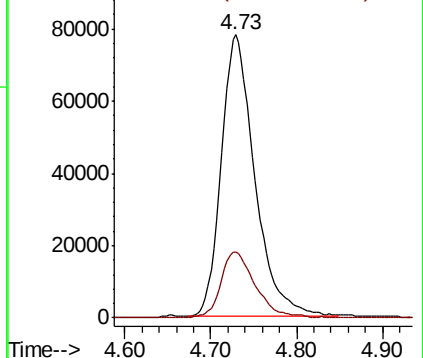


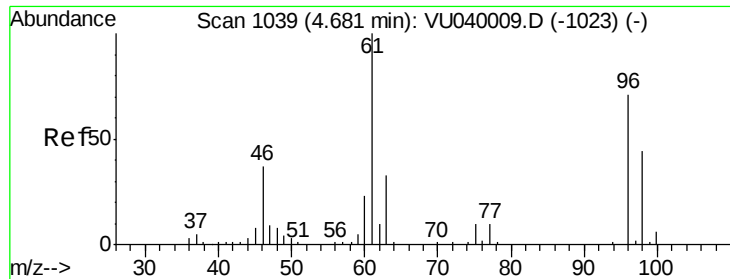
#21
 2-Butanone
 Concen: 53.078 ug/L
 RT: 4.73 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion: 43 Resp: 211315
 Ion Ratio Lower Upper
 43 100
 72 24.1 11.7 35.0



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





#22

cis-1,2-Dichloroethene

Concen: 5.238 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Instrument :

MSVOA_U

ClientSampled :

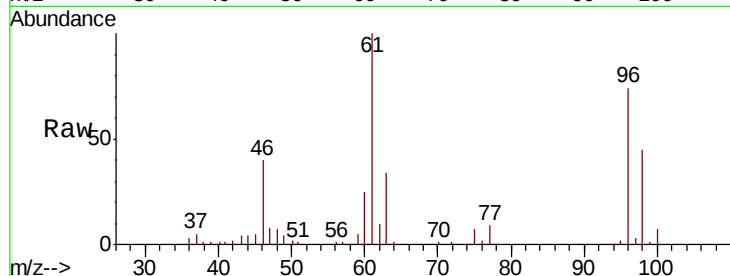
Tot Ion: 96 Resp: 56560

Ion Ratio Lower Upper

96 100

61 135.2 98.8 183.4

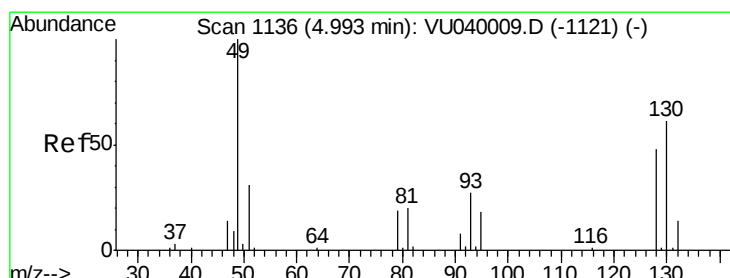
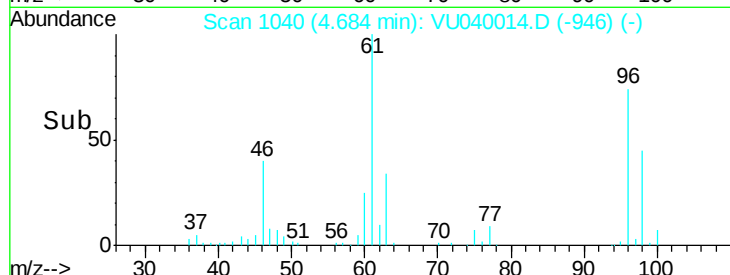
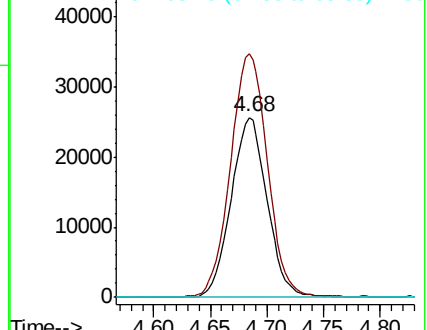
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040014.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU040014.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU040014.D (-946) (-)



#23

Bromochloromethane

Concen: 5.165 ug/L

RT: 4.99 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Tgt Ion: 128 Resp: 24435

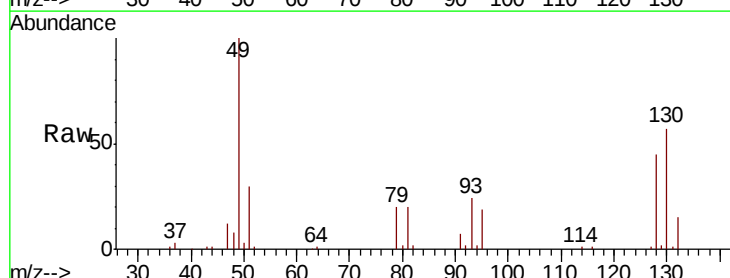
Ion Ratio Lower Upper

128 100

49 223.4 143.4 266.4

130 126.8 89.5 166.3

51 67.1 51.0 76.4

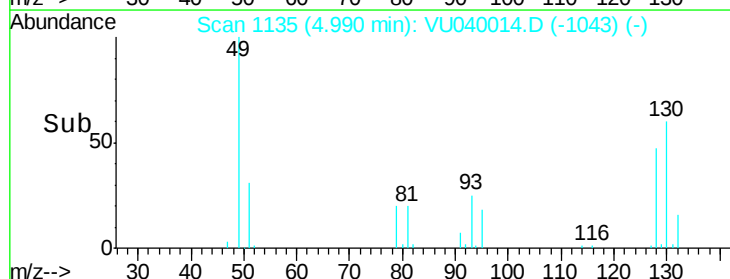
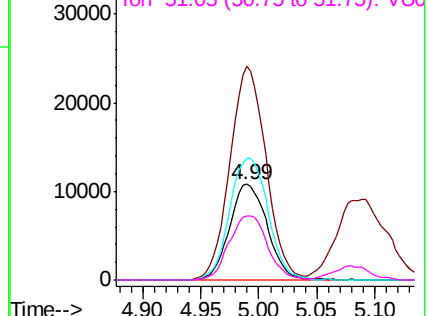


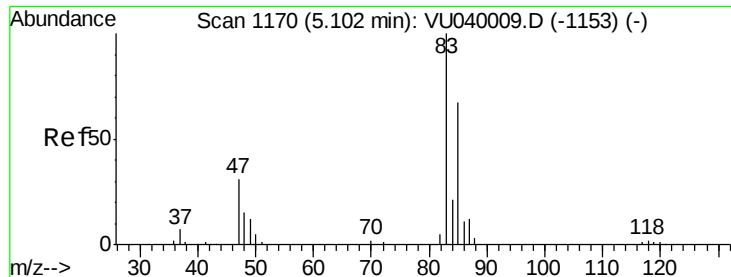
Abundance Ion 127.90 (127.60 to 128.60): VU040014.D (-1043) (-)

Ion 49.10 (48.80 to 49.80): VU040014.D (-1043) (-)

Ion 129.95 (129.65 to 130.65): VU040014.D (-1043) (-)

Ion 51.05 (50.75 to 51.75): VU040014.D (-1043) (-)

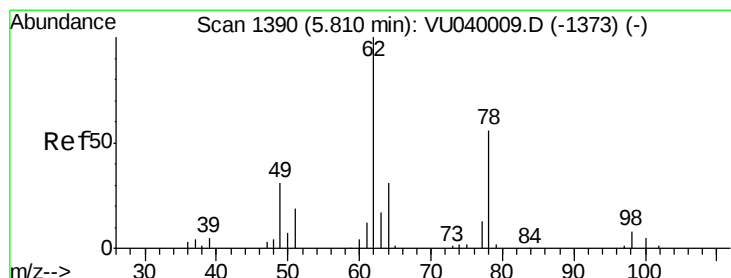
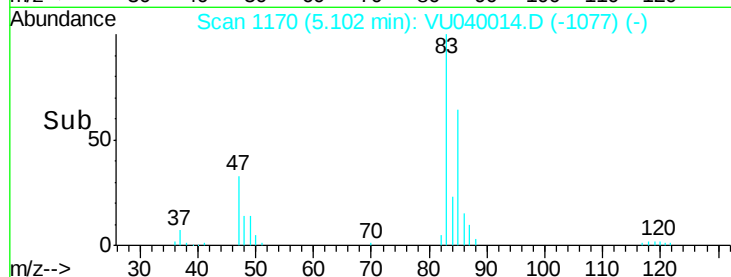
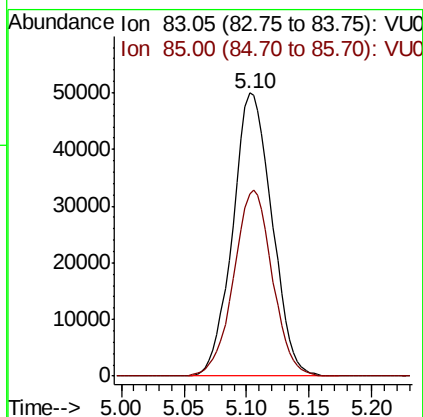
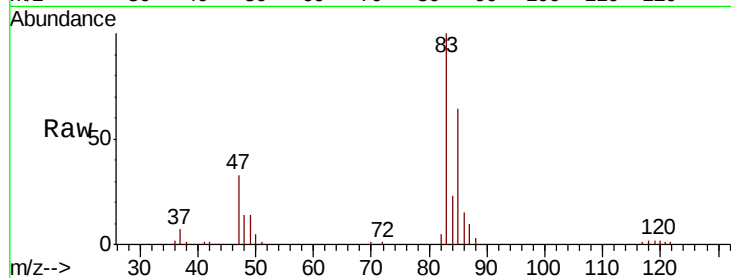




#25
Chloroform
Concen: 5.130 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

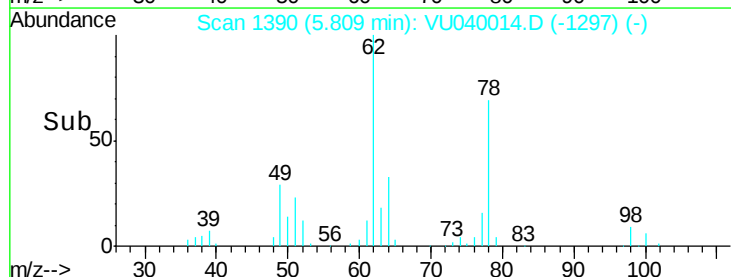
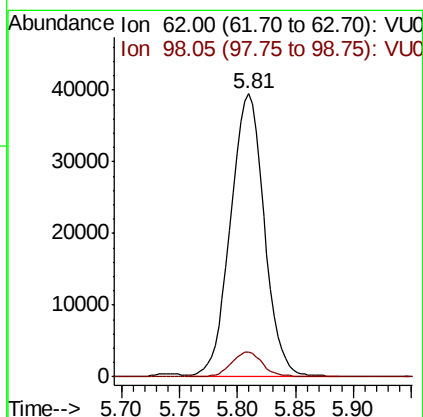
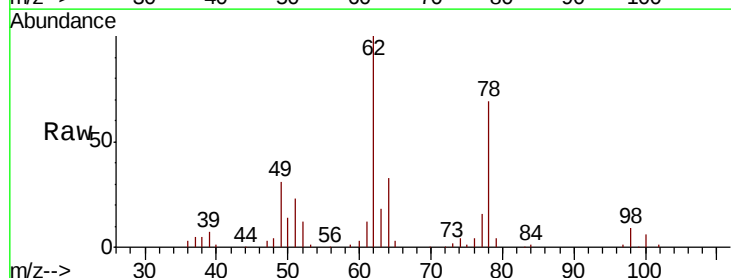
Instrument :
MSVOA_U
ClientSampled :

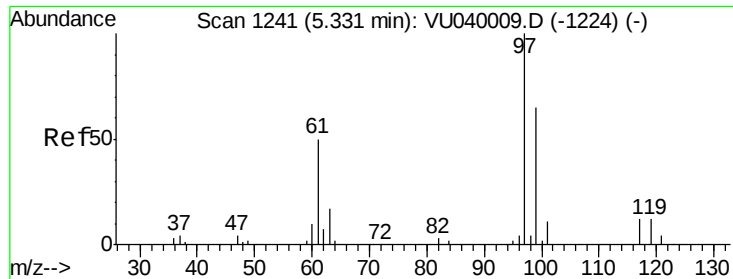
Tot Ion: 83 Resp: 108578
Ion Ratio Lower Upper
83 100
85 64.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 5.154 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Tgt Ion: 62 Resp: 79925
Ion Ratio Lower Upper
62 100
98 8.7 6.1 9.1

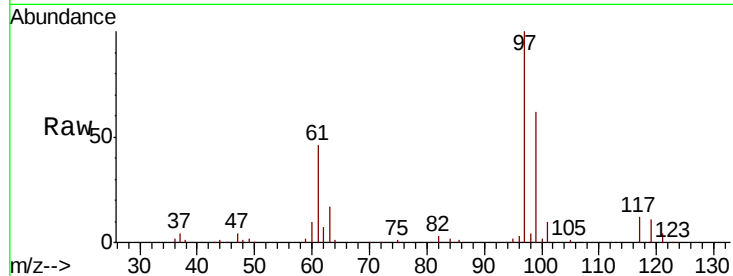




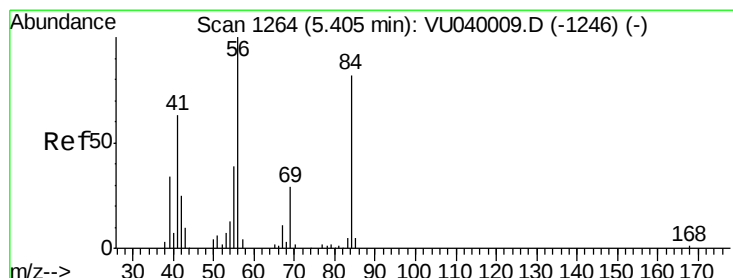
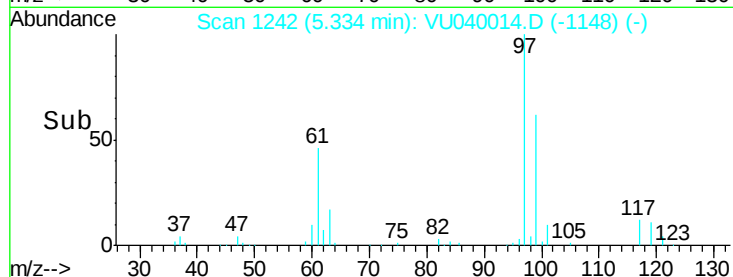
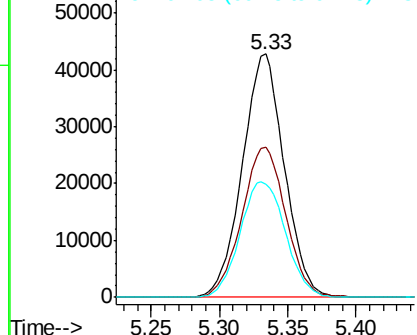
#29
 1,1,1-Trichloroethane
 Concen: 4.825 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 97 Resp: 91424
 Ion Ratio Lower Upper
 97 100
 99 64.7 50.9 76.3
 61 51.3 39.5 59.3

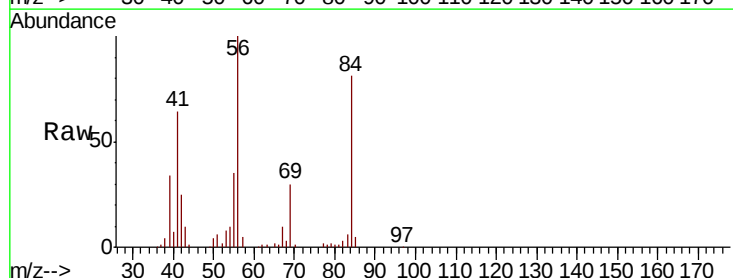


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

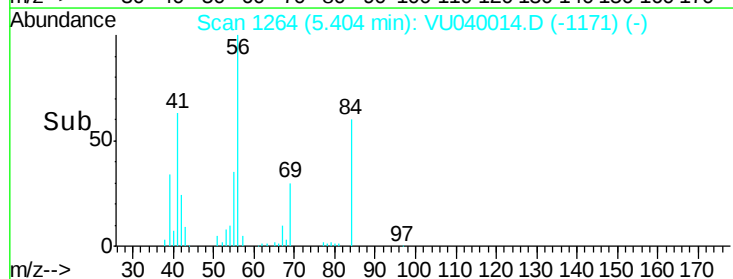
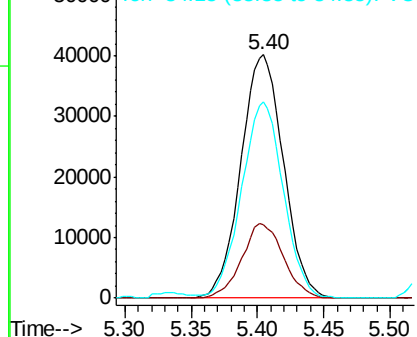


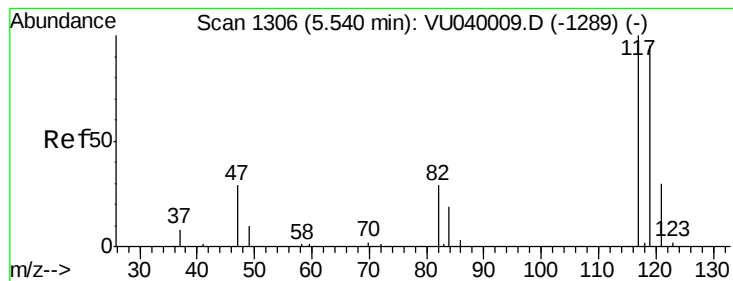
#30
 Cyclohexane
 Concen: 4.884 ug/L
 RT: 5.40 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion: 56 Resp: 89746
 Ion Ratio Lower Upper
 56 100
 69 29.9 24.1 36.1
 84 79.3 65.0 97.4



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: 4.886 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Instrument :

MSVOA_U

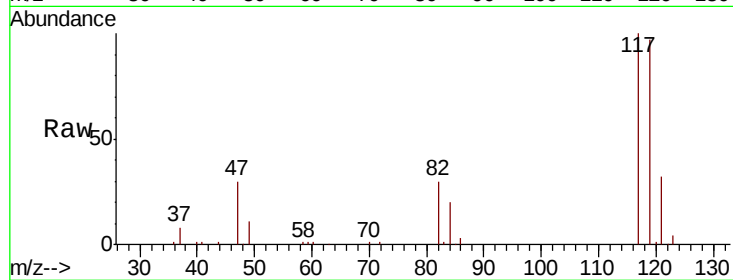
ClientSampleId :

Tot Ion:117 Resp: 79230

Ion Ratio Lower Upper

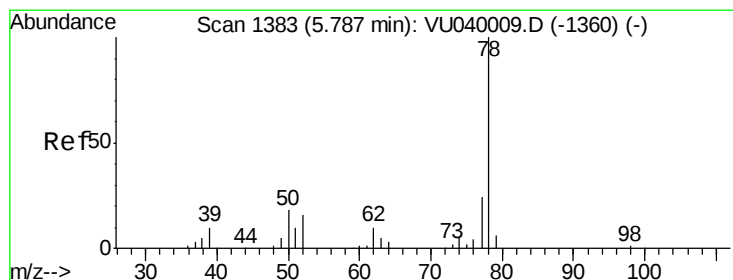
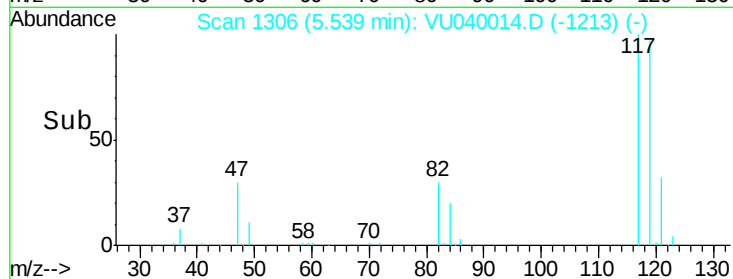
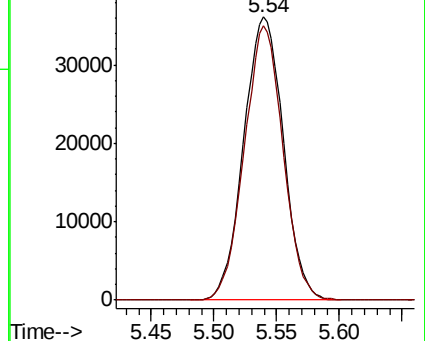
117 100

119 94.6 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.920 ug/L

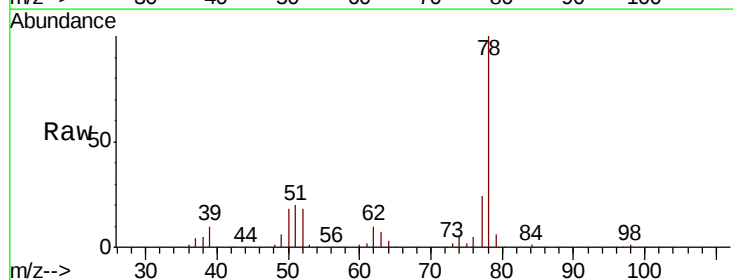
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

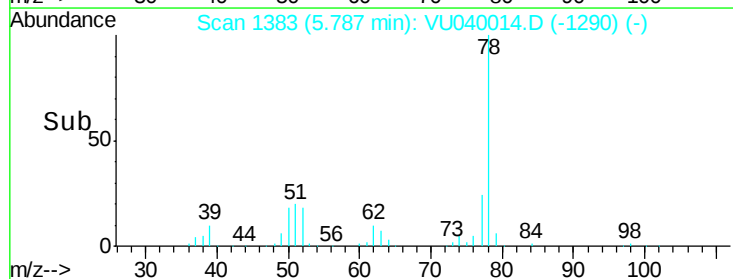
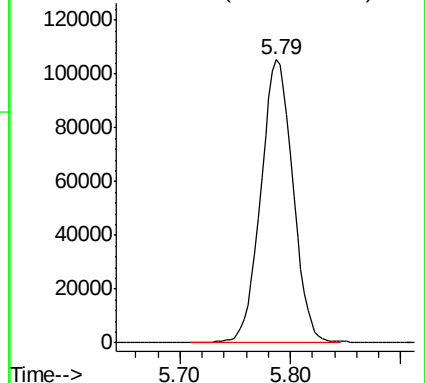
Lab File: VU040014.D

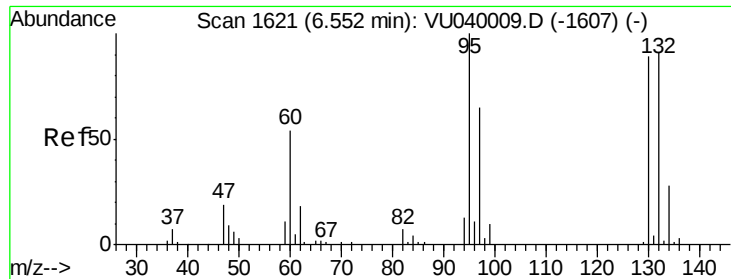
Acq: 02 Sep 2020 09:34

Tgt Ion: 78 Resp: 212414



Abundance Ion 78.10 (77.80 to 78.80): VU0

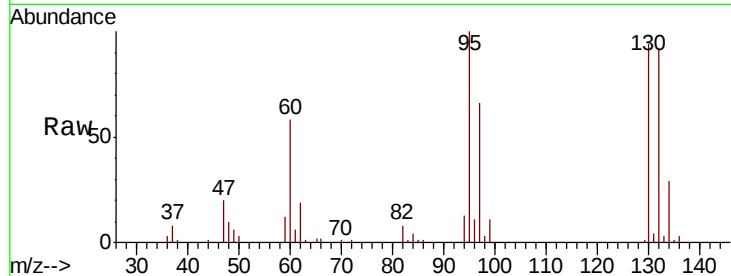




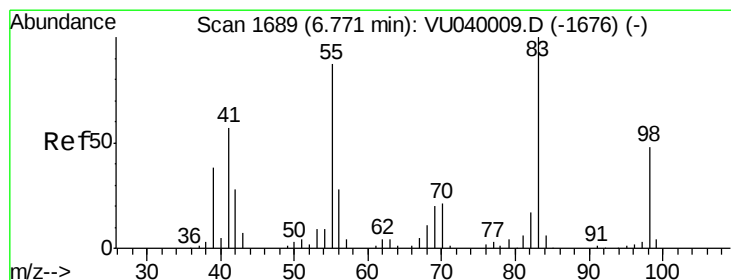
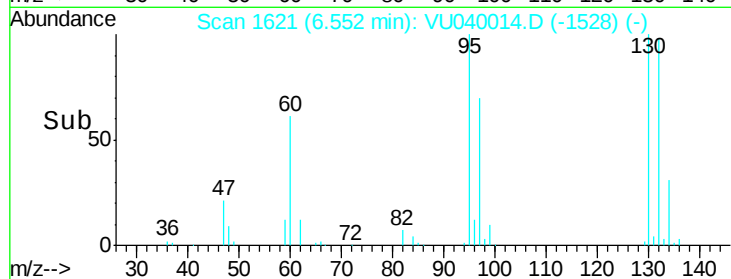
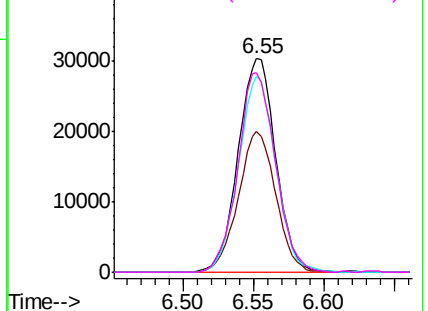
#34
 Trichloroethene
 Concen: 4.893 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 56670
 Ion Ratio Lower Upper
 95 100
 97 65.7 43.3 80.5
 132 91.7 59.4 110.4
 130 93.6 64.8 120.4

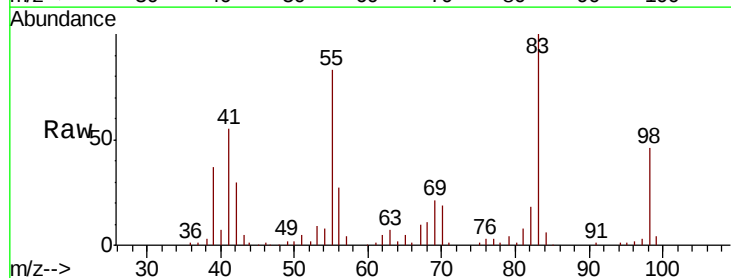


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

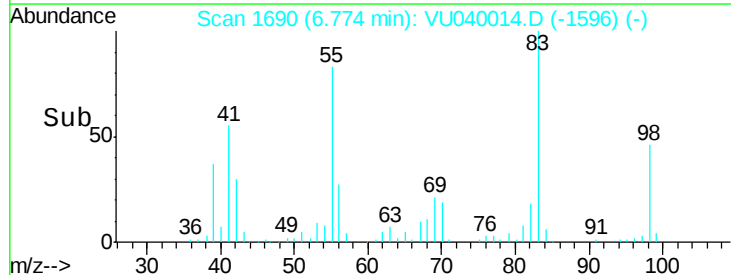
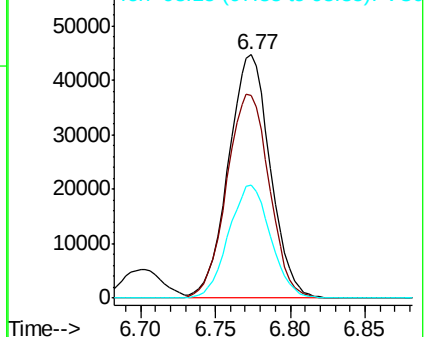


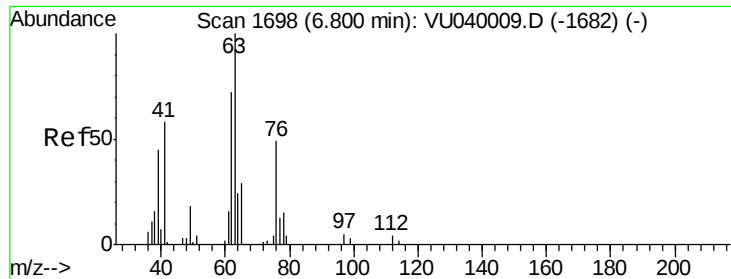
#35
 Methylcyclohexane
 Concen: 4.899 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion: 83 Resp: 86869
 Ion Ratio Lower Upper
 83 100
 55 85.6 70.5 105.7
 98 46.5 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

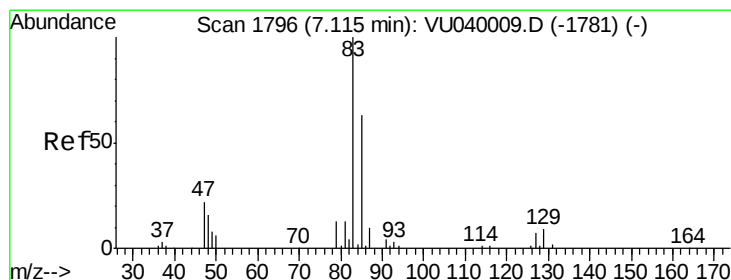
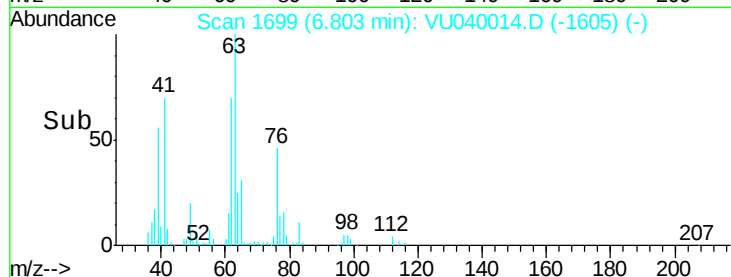
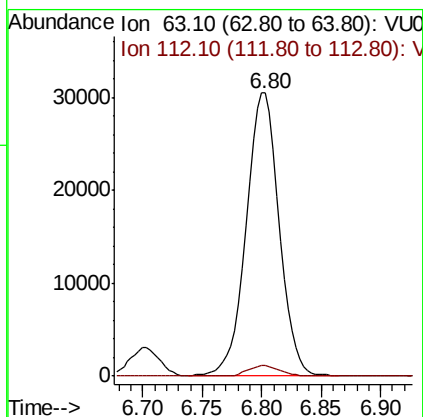
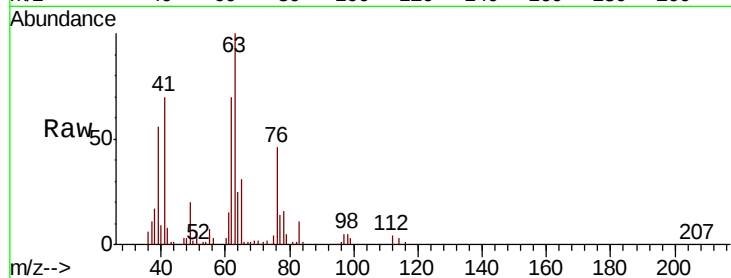




#37
 1,2-Dichloropropane
 Concen: 5.023 ug/L
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

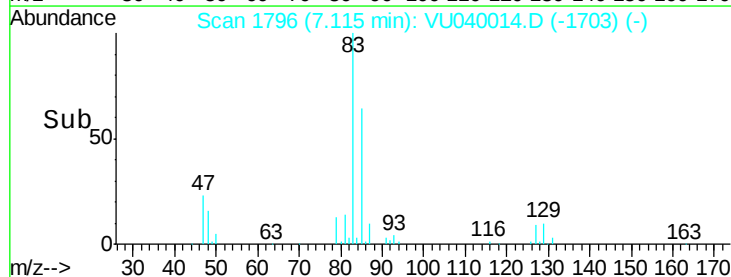
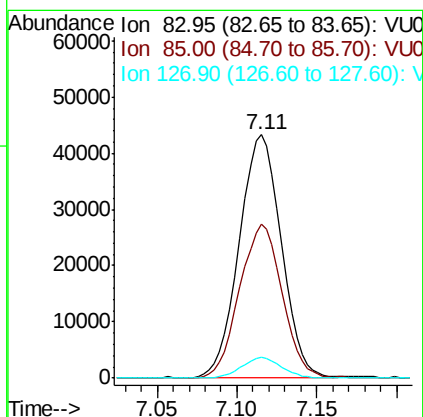
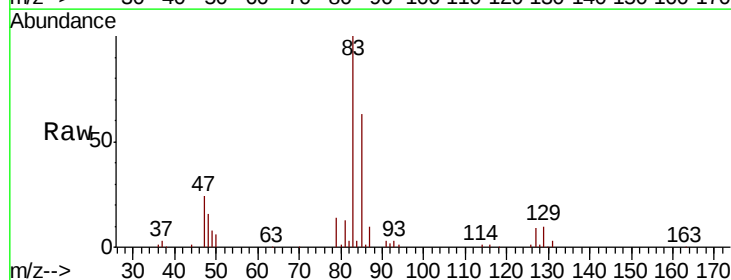
Instrument :
 MSVOA_U
 ClientSampleId :

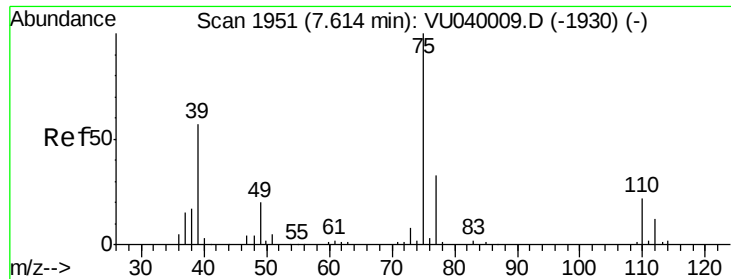
Tot Ion: 63 Resp: 58728
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.2 4.8



#38
 Bromodichloromethane
 Concen: 4.890 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion: 83 Resp: 78039
 Ion Ratio Lower Upper
 83 100
 85 63.2 45.1 83.9
 127 8.5 6.7 10.1

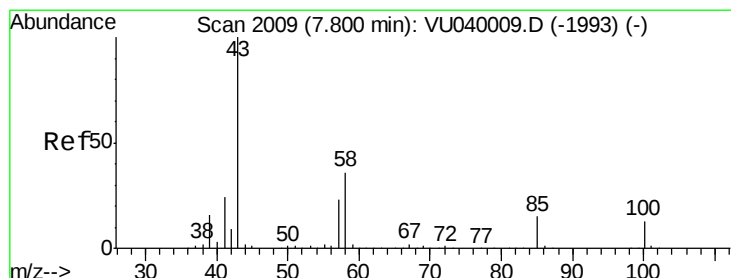
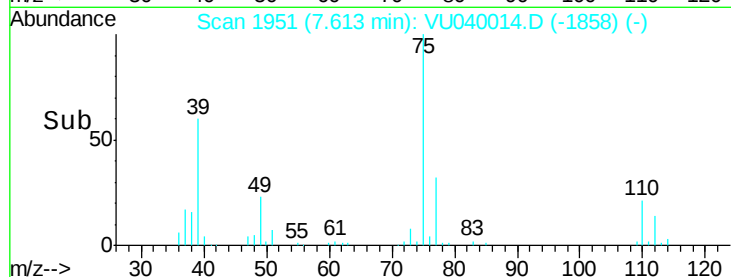
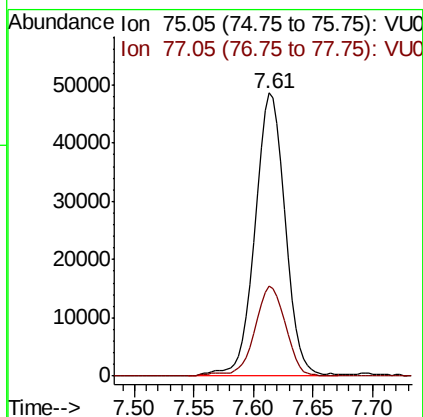
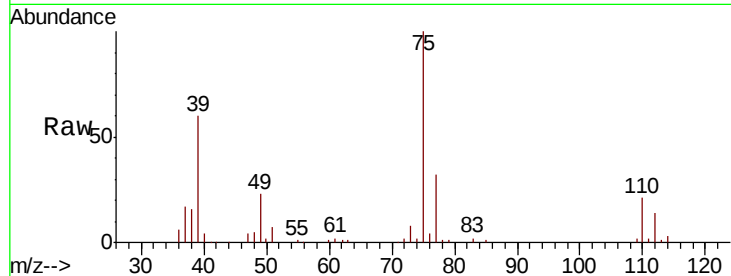




#39
 cis-1,3-Dichloropropene
 Concen: 4.976 ug/L
 RT: 7.61 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

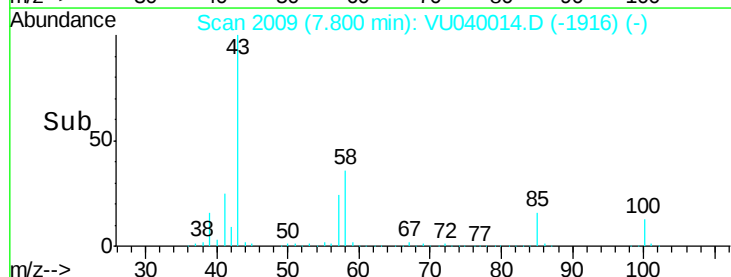
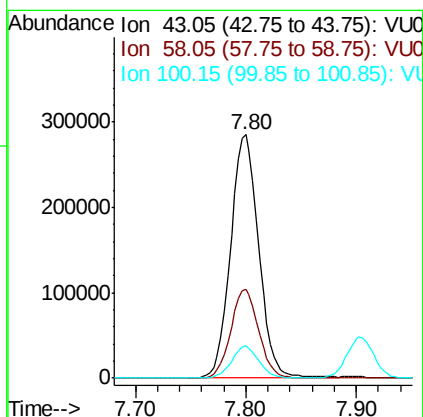
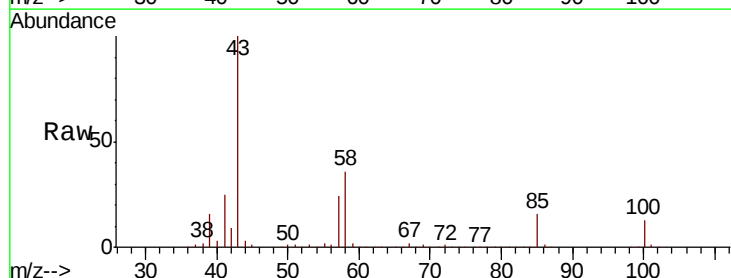
Instrument :
 MSVOA_U
 ClientSampled :

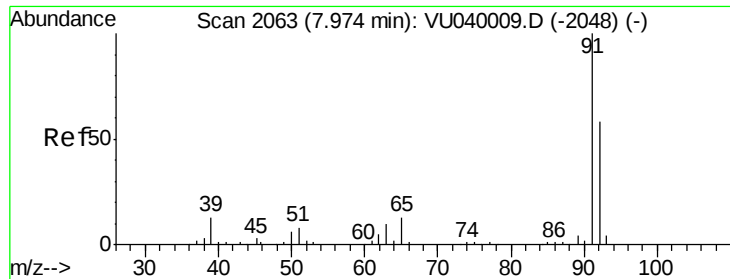
Tot Ion: 75 Resp: 85789
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 52.562 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion: 43 Resp: 504171
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.7 43.1
 100 12.8 10.2 15.2





#42

Toluene

Concen: 5.106 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

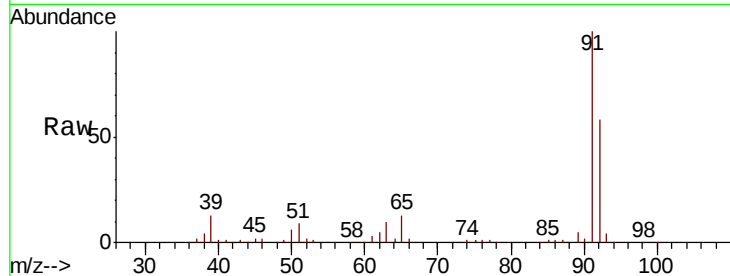
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 227027

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU040009.D (-2048) (-)

Ion 92.15 (91.85 to 92.85): VU040009.D (-2048) (-)

7.97

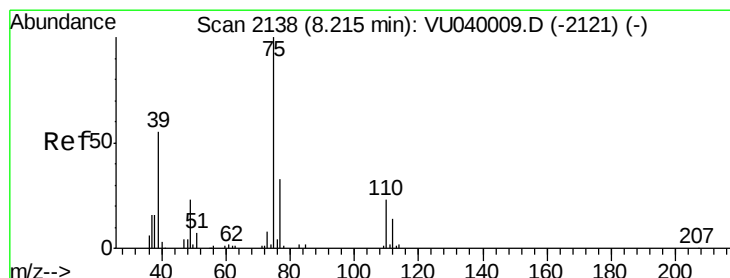
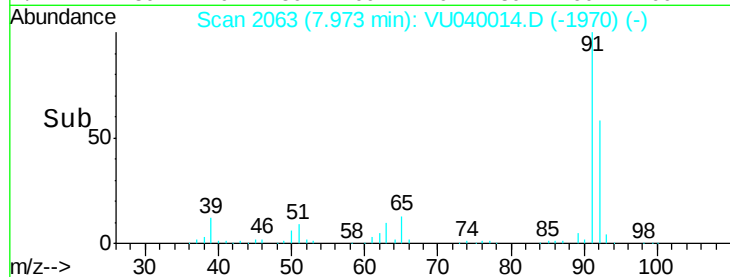
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.089 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040014.D

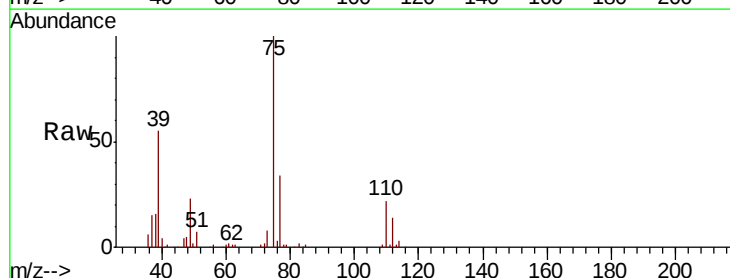
Acq: 02 Sep 2020 09:34

Tgt Ion: 75 Resp: 81298

Ion Ratio Lower Upper

75 100

77 33.9 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU040009.D (-2121) (-)

Ion 77.05 (76.75 to 77.75): VU040009.D (-2121) (-)

8.21

50000

40000

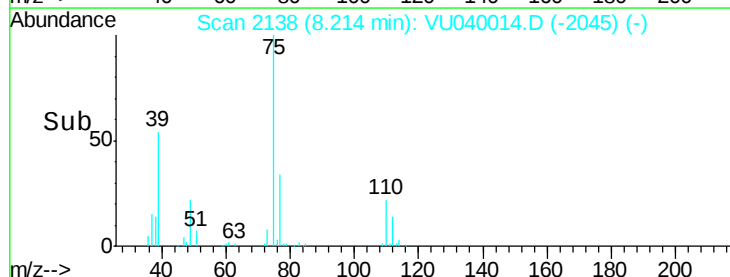
30000

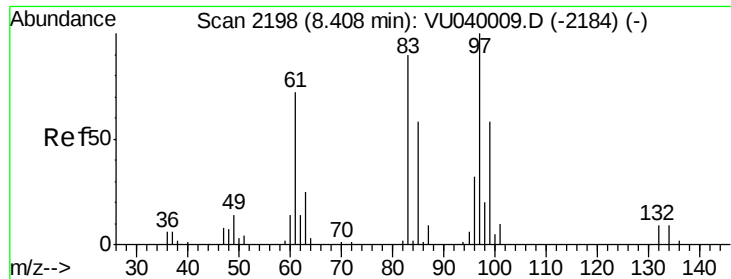
20000

10000

0

Time-->

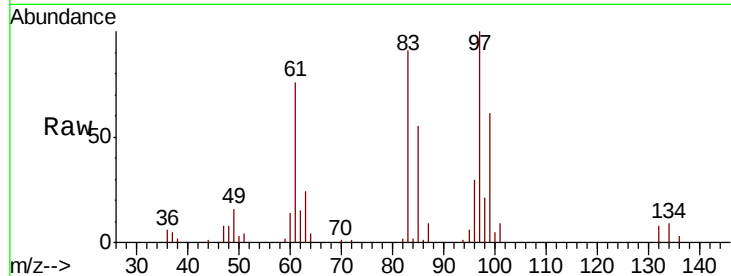




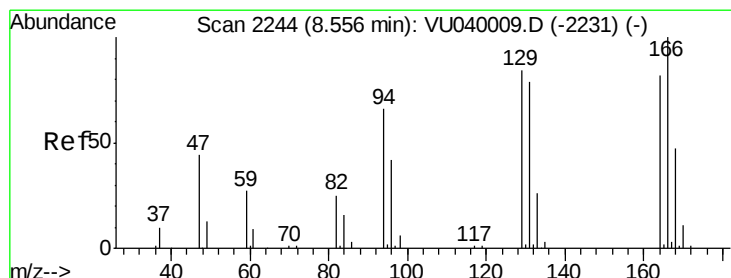
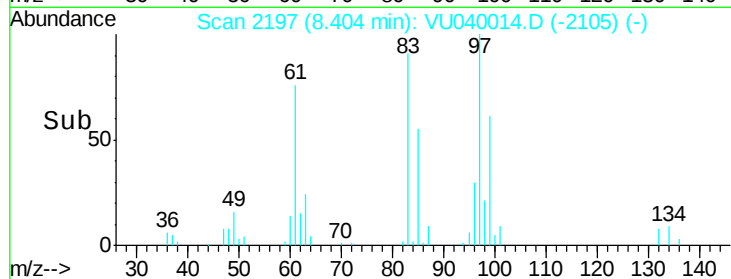
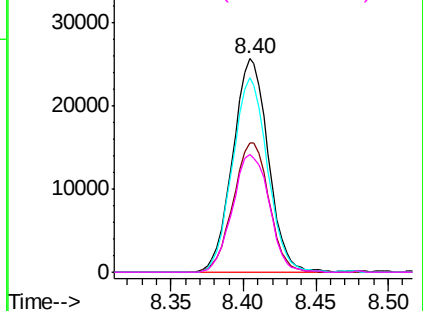
#45
 1,1,2-Trichloroethane
 Concen: 5.137 ug/L
 RT: 8.40 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	97	Resp:	43752
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.0	79.8
83	91.0	61.7	114.7
85	55.3	39.3	73.1

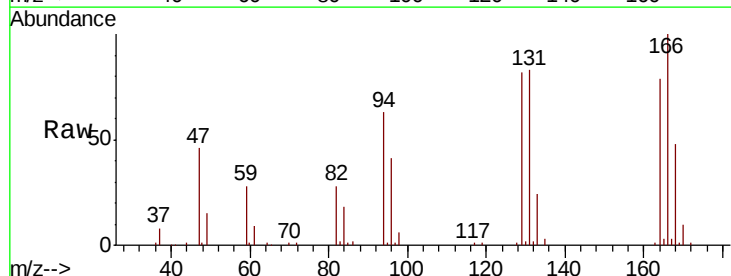


Abundance Ion 96.95 (96.65 to 97.65): VU040009.D (-2184) (-)
 Ion 99.05 (98.75 to 99.75): VU040009.D (-2184) (-)
 Ion 82.95 (82.65 to 83.65): VU040009.D (-2184) (-)
 Ion 85.00 (84.70 to 85.70): VU040009.D (-2184) (-)

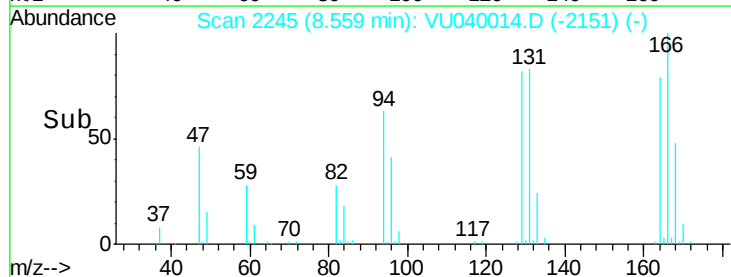
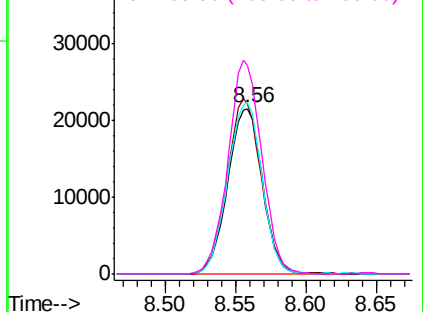


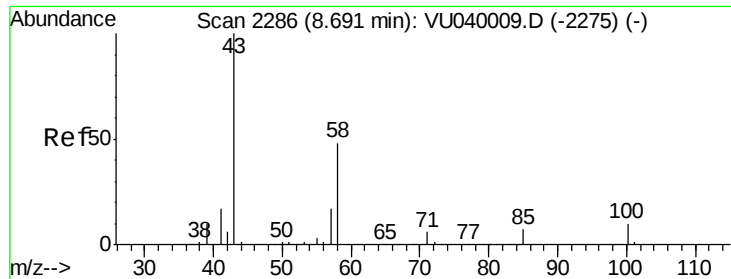
#47
 Tetrachloroethene
 Concen: 4.872 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion:	164	Resp:	37066
Ion	Ratio	Lower	Upper
164	100		
129	103.0	71.5	132.7
131	103.9	65.9	122.5
166	125.9	87.3	162.1



Abundance Ion 163.90 (163.60 to 164.60): VU040009.D (-2231) (-)
 Ion 128.95 (128.65 to 129.65): VU040009.D (-2231) (-)
 Ion 130.95 (130.65 to 131.65): VU040009.D (-2231) (-)
 Ion 165.90 (165.60 to 166.60): VU040009.D (-2231) (-)

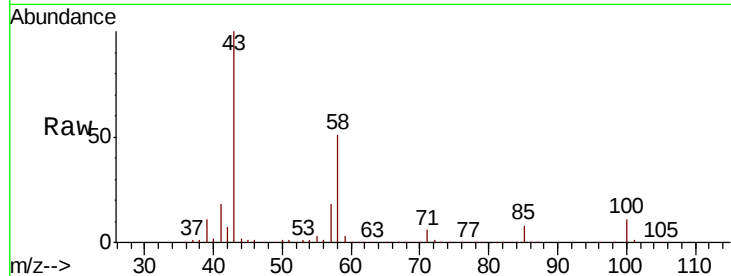




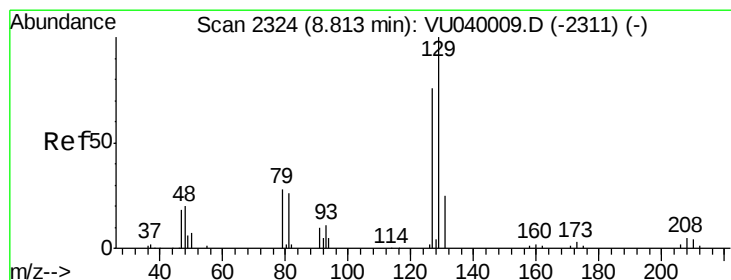
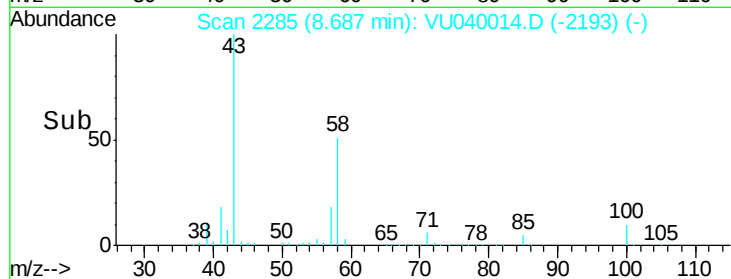
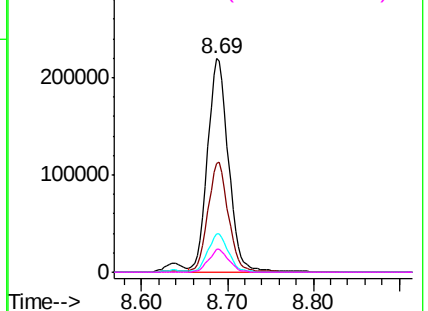
#48
2-Hexanone
Concen: 53.601 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 375034
Ion Ratio Lower Upper
43 100
58 49.3 39.6 59.4
57 17.5 14.3 21.5
100 10.5 8.0 12.0

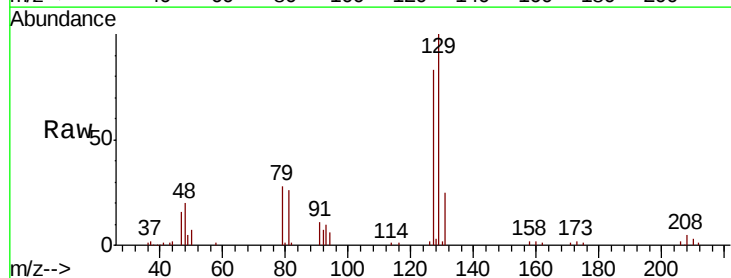


Abundance Ion 43.05 (42.75 to 43.75): VU040014.D (-2193) (-)
Ion 58.05 (57.75 to 58.75): VU040014.D (-2193) (-)
Ion 57.20 (56.90 to 57.90): VU040014.D (-2193) (-)
Ion 100.15 (99.85 to 100.85): VU040014.D (-2193) (-)

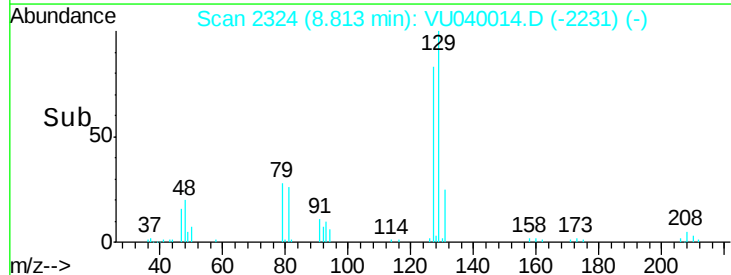
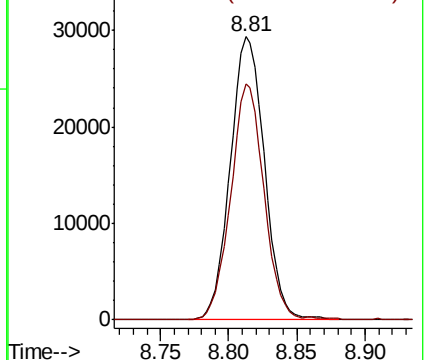


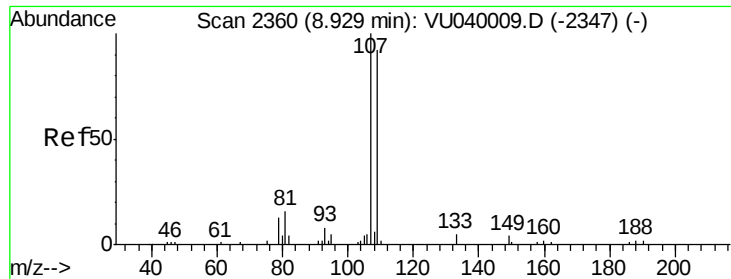
#49
Dibromochloromethane
Concen: 4.992 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Tgt Ion: 129 Resp: 51030
Ion Ratio Lower Upper
129 100
127 83.4 53.7 99.7



Abundance Ion 128.95 (128.65 to 129.65): VU040014.D (-2231) (-)
Ion 126.90 (126.60 to 127.60): VU040014.D (-2231) (-)

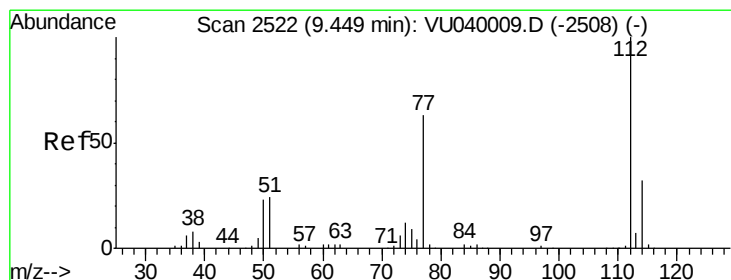
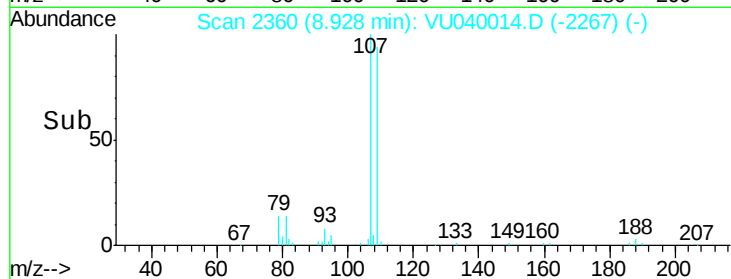
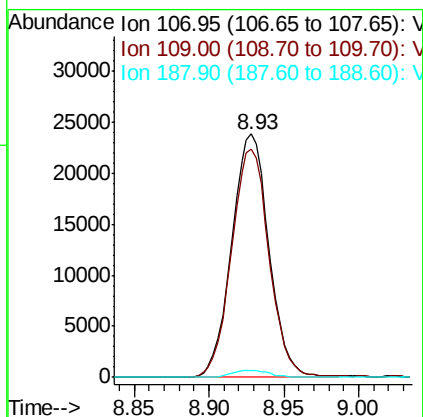
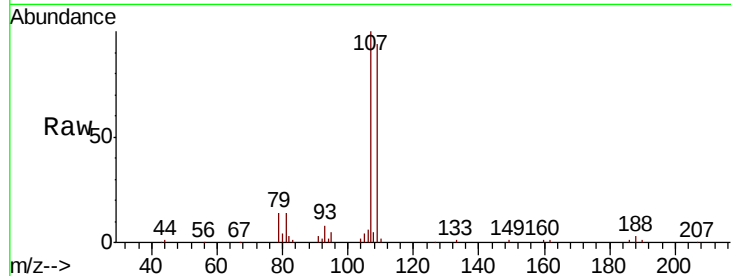




#50
 1,2-Dibromoethane
 Concen: 5.033 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

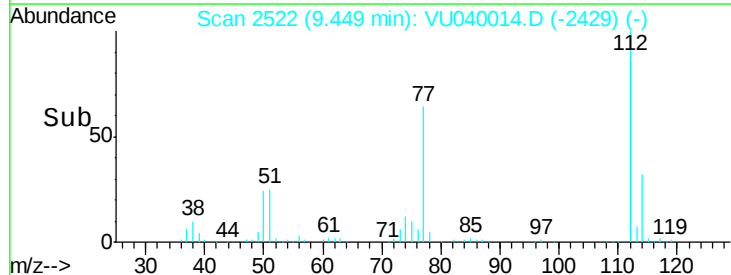
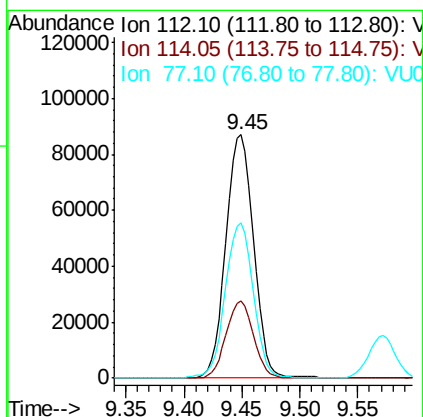
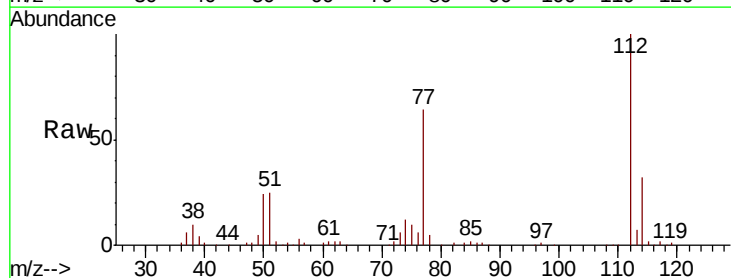
Instrument :
 MSVOA_U
 ClientSampleId :

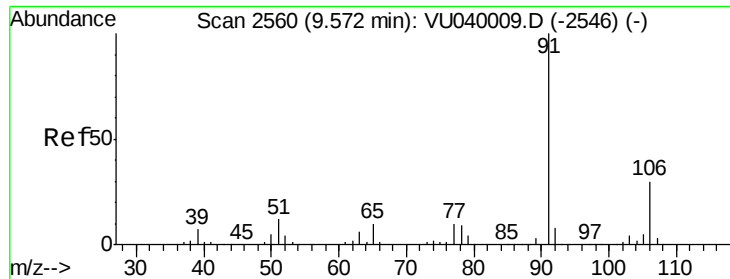
Tot Ion:107 Resp: 41323
 Ion Ratio Lower Upper
 107 100
 109 93.6 62.4 115.8
 188 2.8 2.3 3.5



#51
 Chlorobenzene
 Concen: 5.220 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion:112 Resp: 144090
 Ion Ratio Lower Upper
 112 100
 114 31.6 22.7 42.3
 77 63.6 53.2 79.8





#52

Ethylbenzene

Concen: 5.036 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

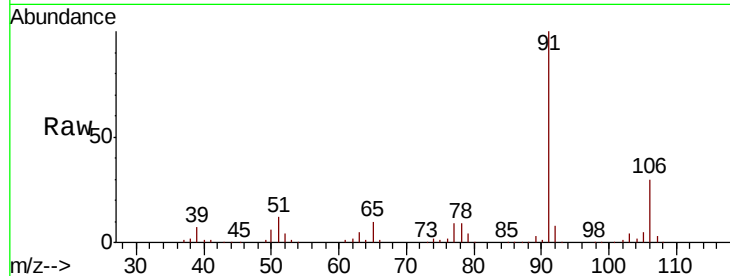
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 254417

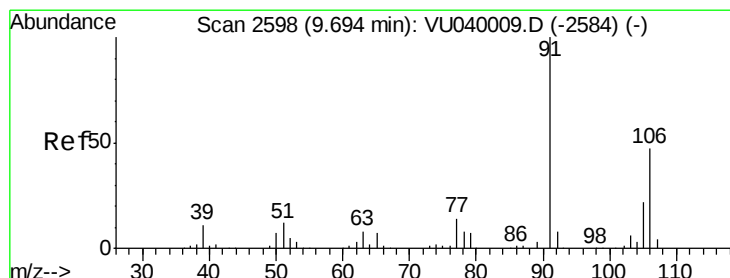
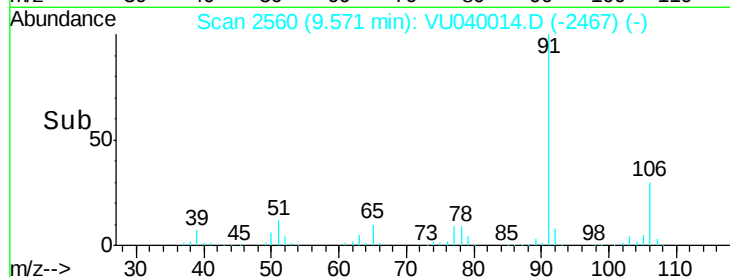
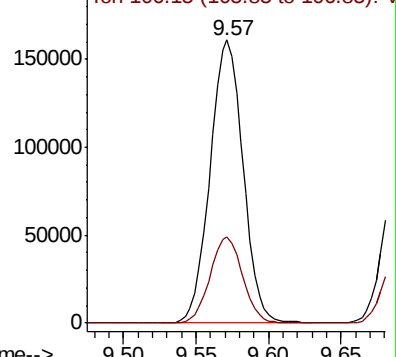
Ion Ratio Lower Upper

91 100

106 30.3 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU040009.D (-2546) (-)



#53

m,p-Xylene

Concen: 5.288 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040014.D

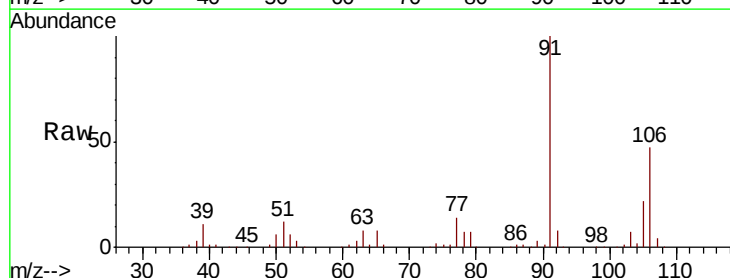
Acq: 02 Sep 2020 09:34

Tgt Ion: 106 Resp: 95106

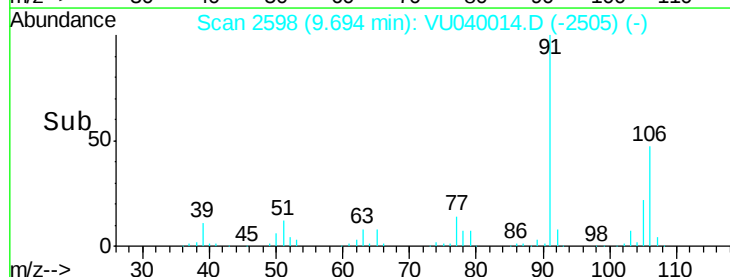
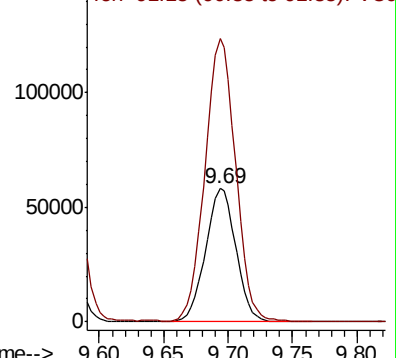
Ion Ratio Lower Upper

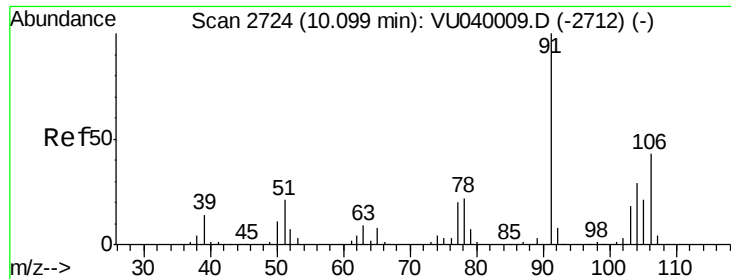
106 100

91 212.4 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): VU040009.D (-2584) (-)

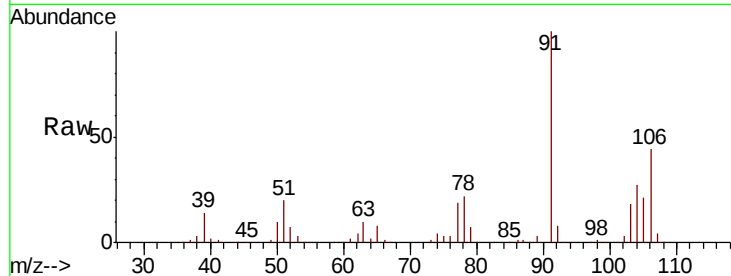




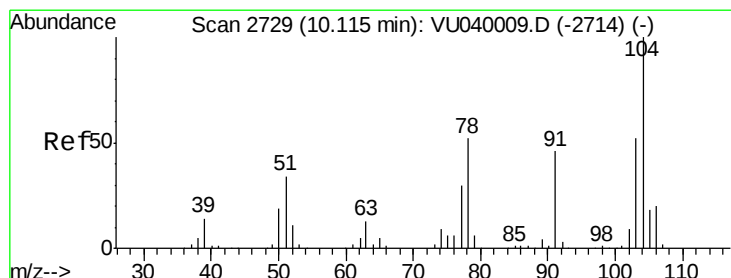
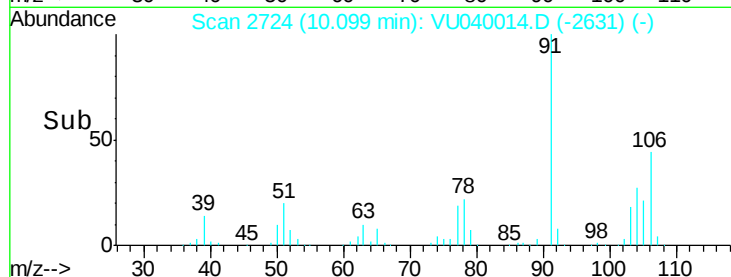
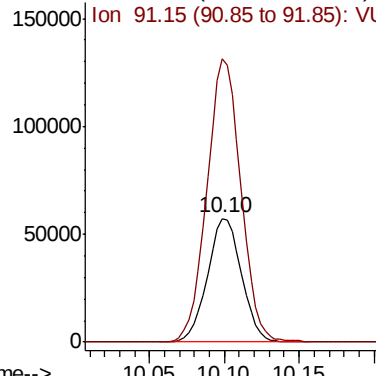
#54
o-Xylene
Concen: 5.309 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 90998
Ion Ratio Lower Upper
106 100
91 229.4 160.8 298.6

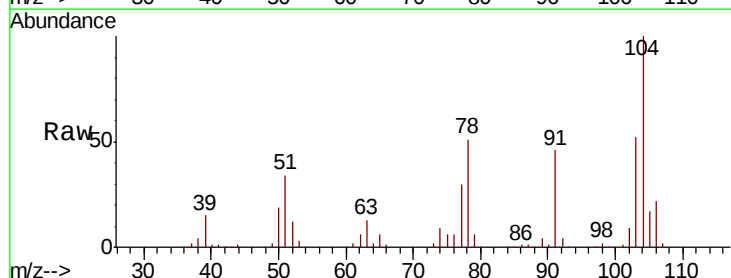


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

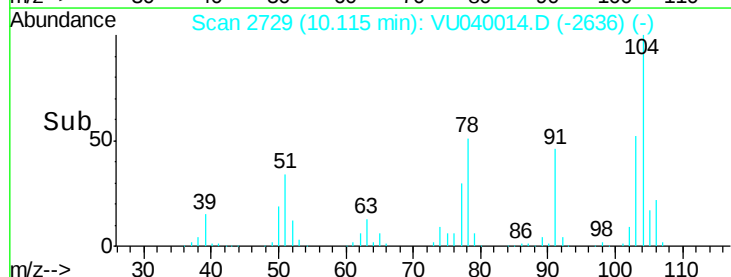
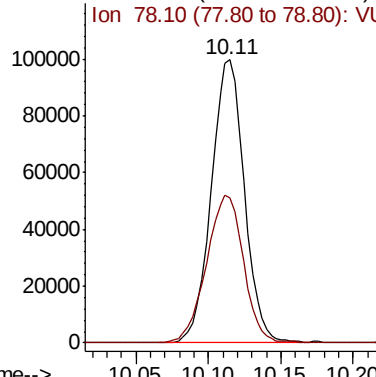


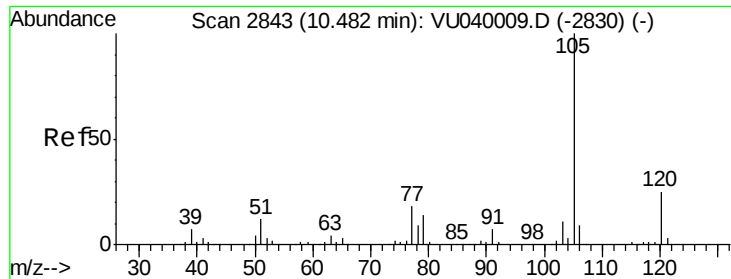
#55
Styrene
Concen: 5.318 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Tgt Ion:104 Resp: 158518
Ion Ratio Lower Upper
104 100
78 51.2 36.8 68.3



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





#56

Isopropylbenzene

Concen: 5.344 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Instrument :

MSVOA_U

ClientSampled :

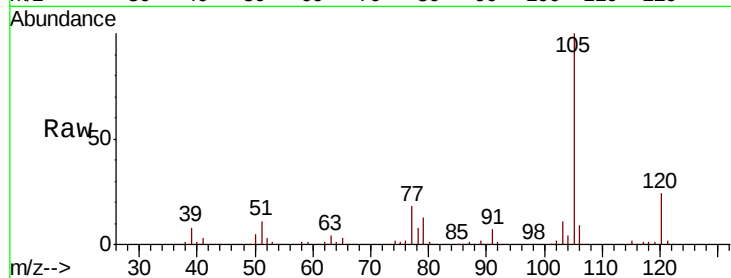
Tot Ion:105 Resp: 249820

Ion Ratio Lower Upper

105 100

120 24.6 20.1 30.1

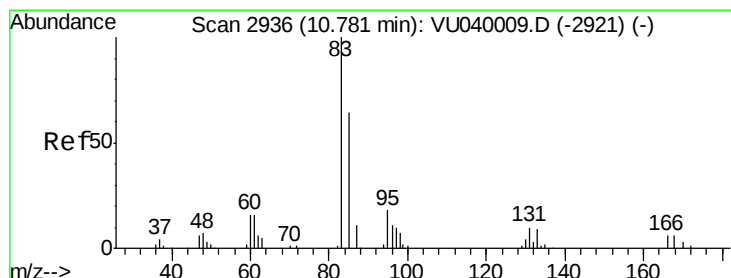
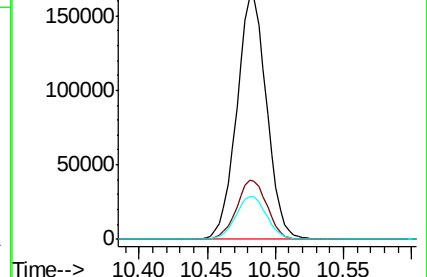
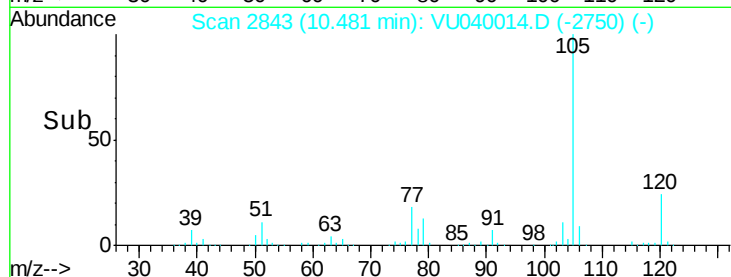
77 17.9 14.4 21.6



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: 5.254 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

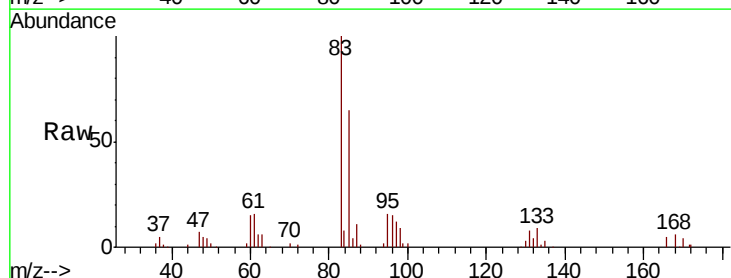
Tgt Ion: 83 Resp: 57377

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.3

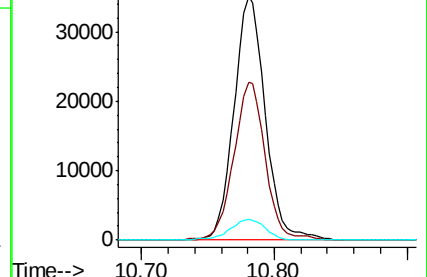
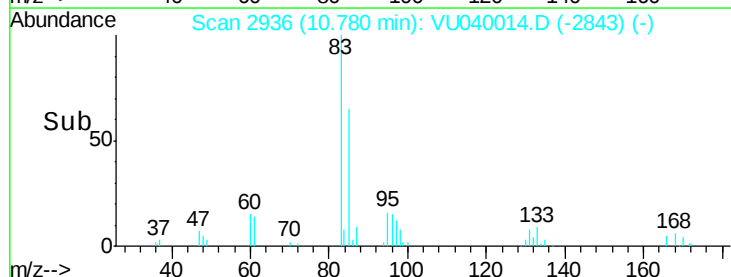
131 8.4 7.4 11.0

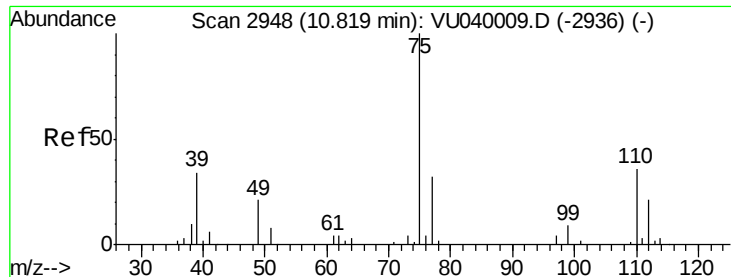


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

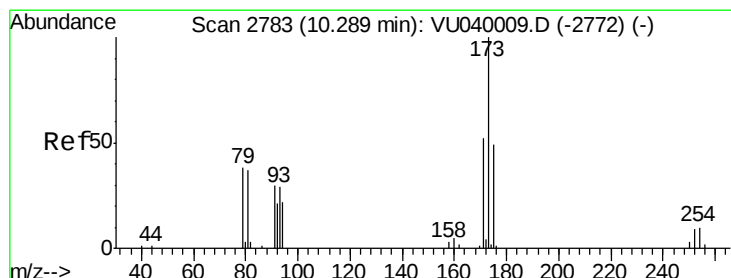
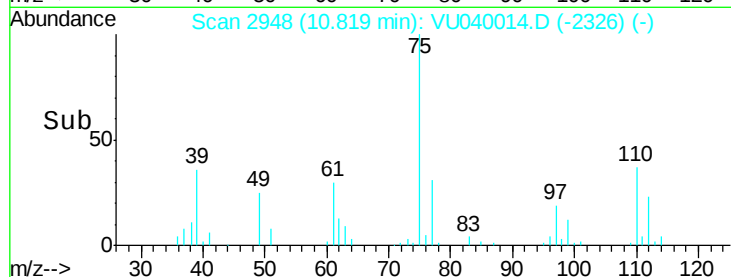
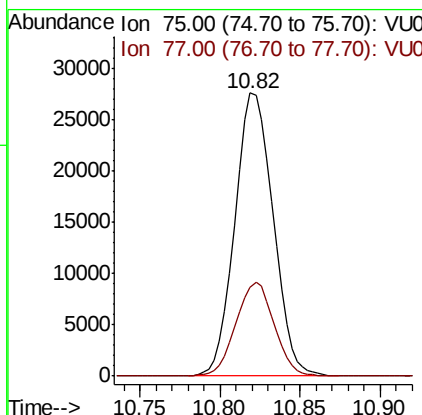
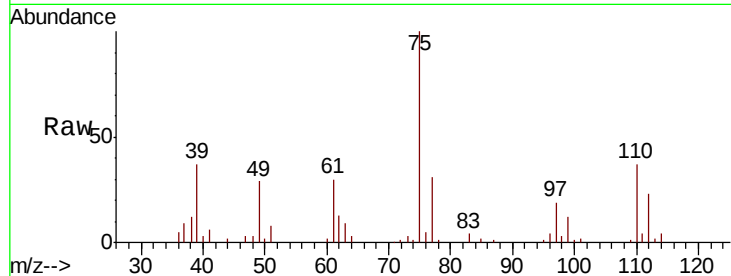




#59
 1,2,3-Trichloropropane
 Concen: 5.207 ug/L
 RT: 10.82 min Scan# 2948
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

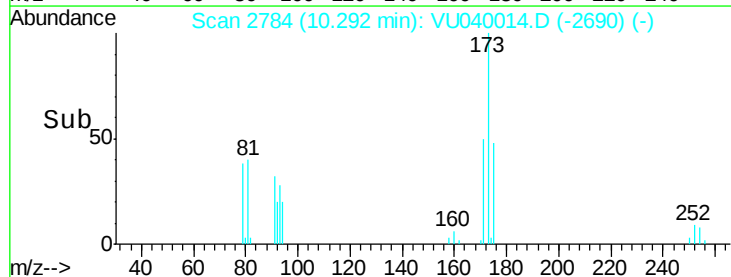
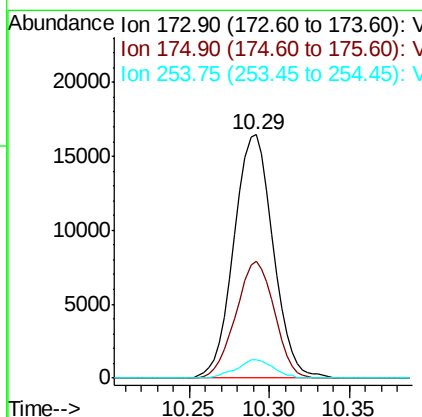
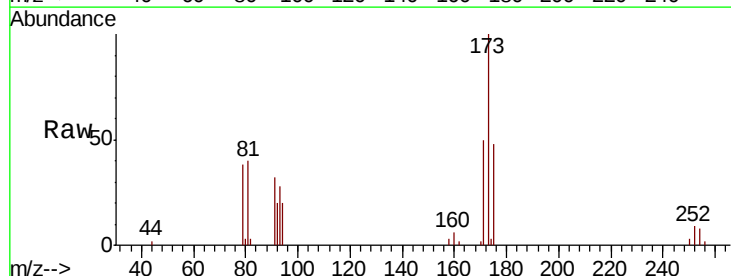
Instrument :
 MSVOA_U
 ClientSampleId :

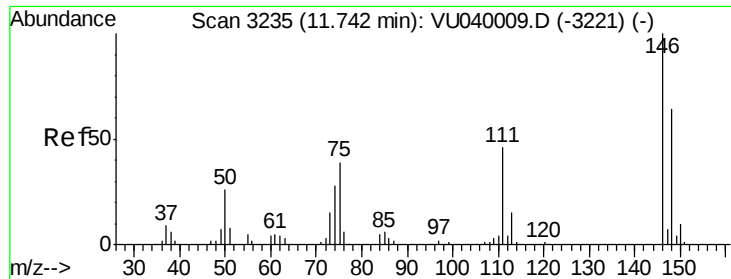
Tot Ion: 75 Resp: 45095
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.9 37.3



#61
 Bromoform
 Concen: 4.977 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion: 173 Resp: 27501
 Ion Ratio Lower Upper
 173 100
 175 47.2 37.8 56.6
 254 7.2 6.8 10.2

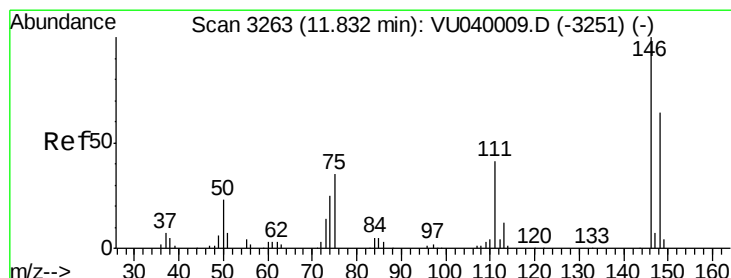
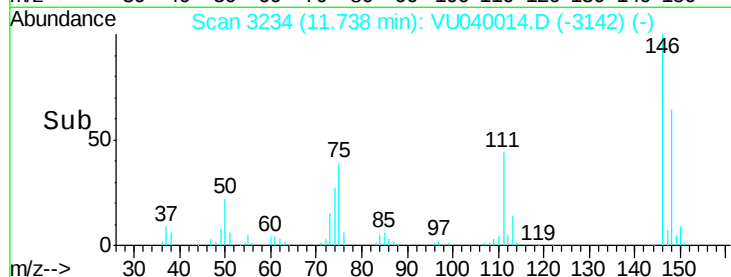
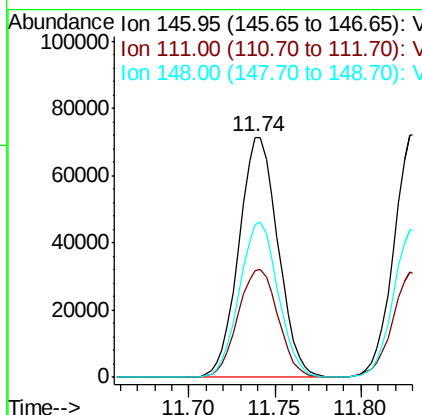
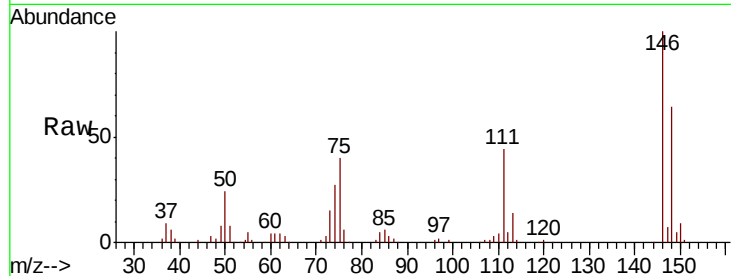




#62
 1,3-Dichlorobenzene
 Concen: 5.131 ug/L
 RT: 11.74 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

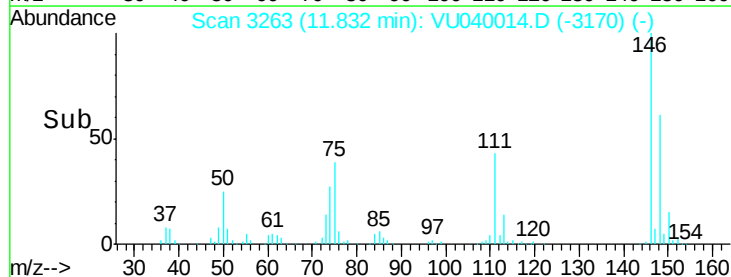
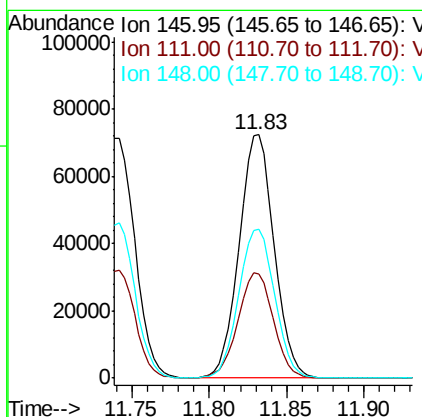
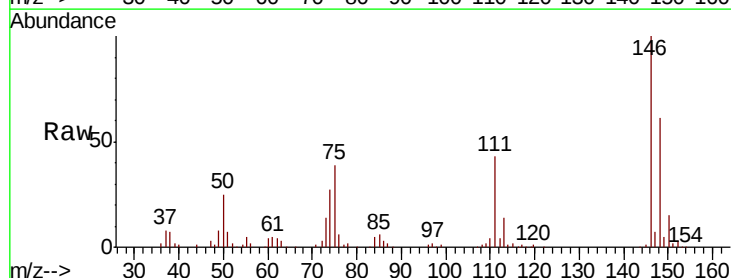
Instrument :
 MSVOA_U
 ClientSampled :

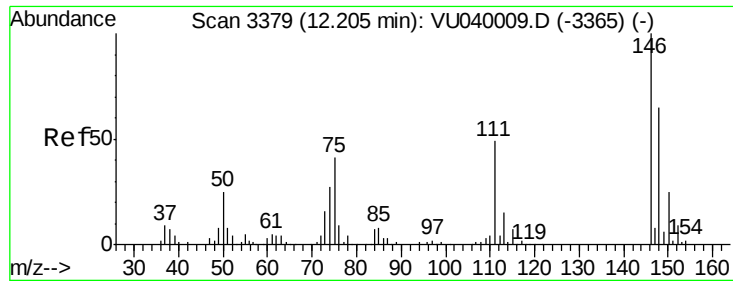
Tot Ion:146 Resp: 112980
 Ion Ratio Lower Upper
 146 100
 111 44.3 31.6 58.8
 148 63.5 44.2 82.0



#63
 1,4-Dichlorobenzene
 Concen: 5.127 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion:146 Resp: 114228
 Ion Ratio Lower Upper
 146 100
 111 42.8 30.5 56.7
 148 61.2 45.4 84.4





#65

1,2-Dichlorobenzene

Concen: 5.066 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

Instrument :

MSVOA_U

ClientSampleId :

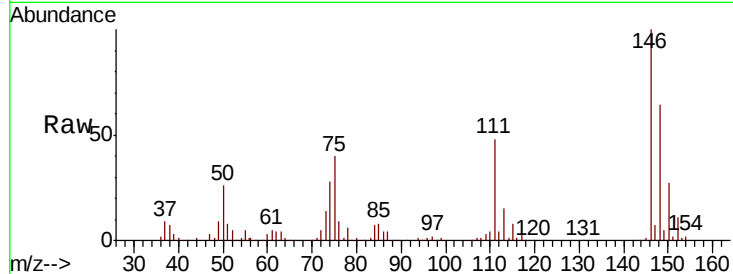
Tot Ion:146 Resp: 107942

Ion Ratio Lower Upper

146 100

111 48.1 36.5 54.7

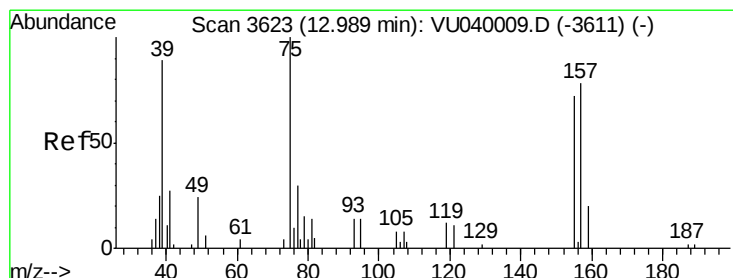
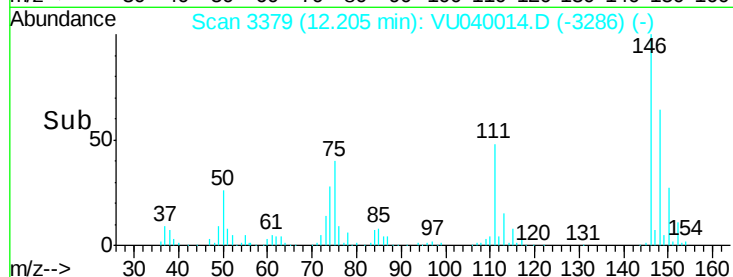
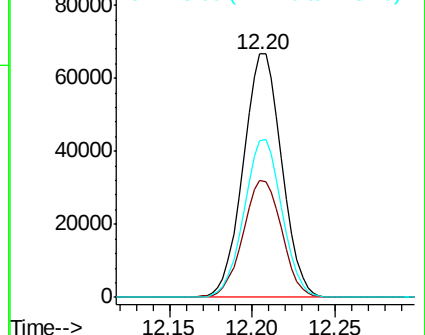
148 64.3 48.6 72.8



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: 4.891 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU040014.D

Acq: 02 Sep 2020 09:34

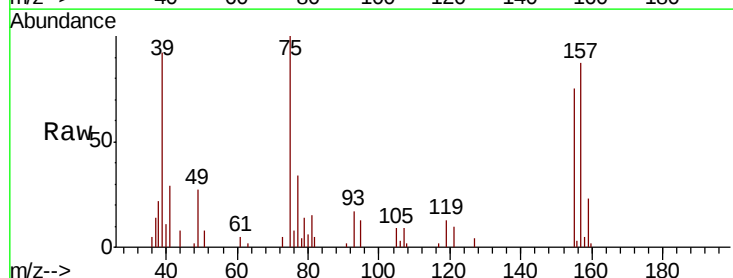
Tgt Ion: 75 Resp: 11146

Ion Ratio Lower Upper

75 100

155 74.7 54.6 82.0

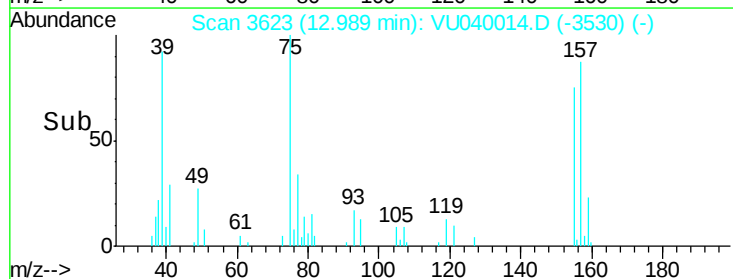
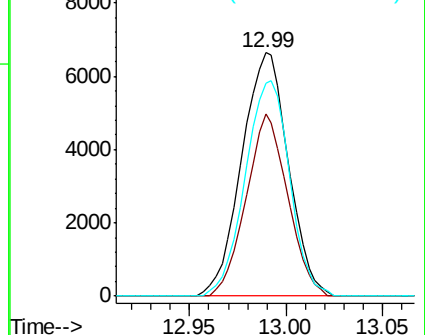
157 87.3 75.6 113.4

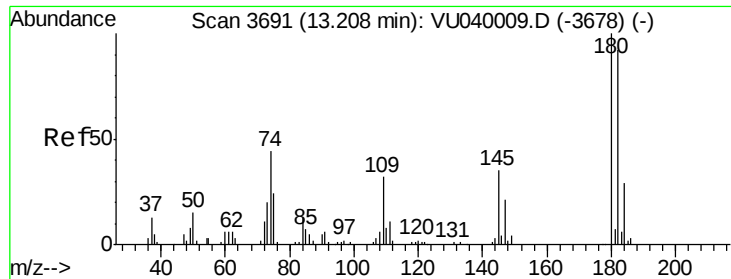


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

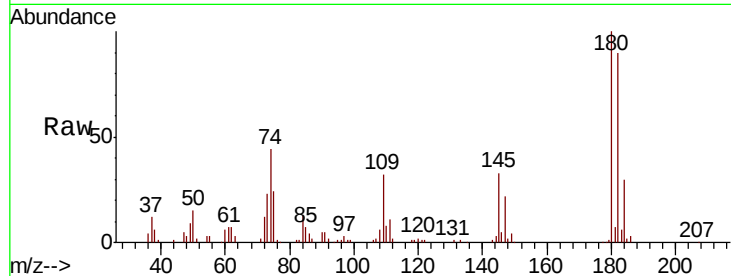




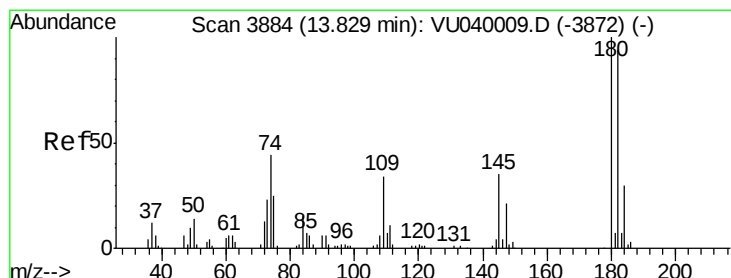
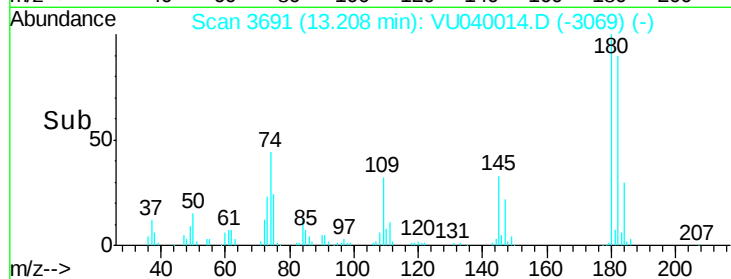
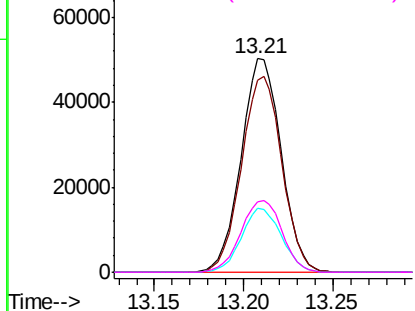
#67
 1,3,5-Trichlorobenzene
 Concen: 5.088 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. -0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	180	Resp:	78773
Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.9	115.3
184	29.7	24.6	36.8
145	34.5	27.0	40.6

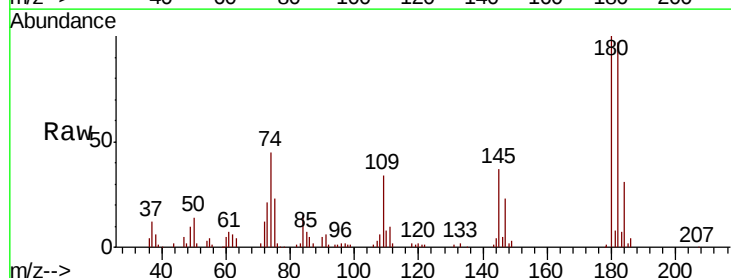


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

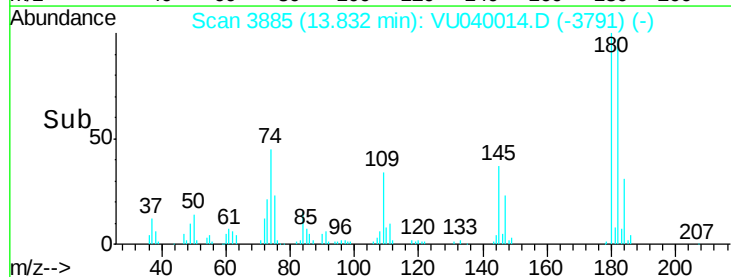
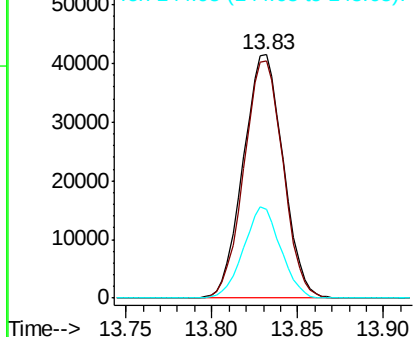


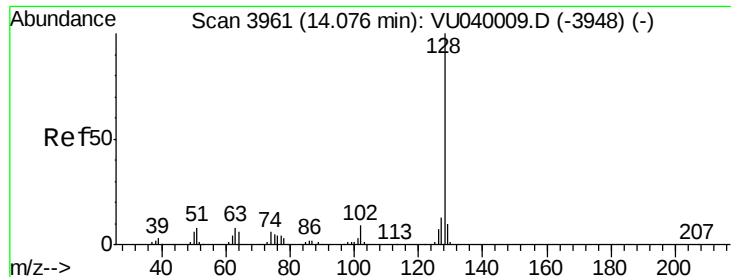
#68
 1,2,4-trichlorobenzene
 Concen: 5.007 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040014.D
 Acq: 02 Sep 2020 09:34

Tgt Ion:	180	Resp:	66767
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	34.9	28.4	42.6



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

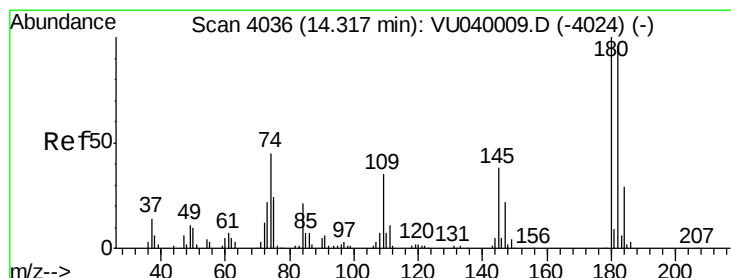
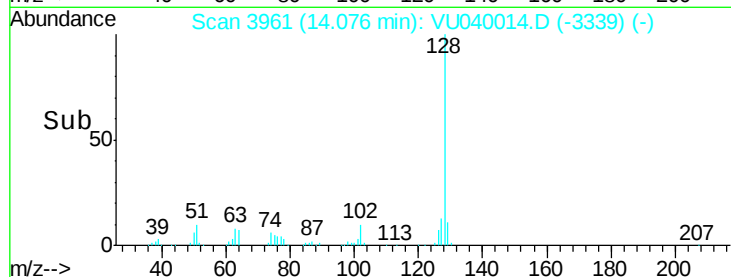
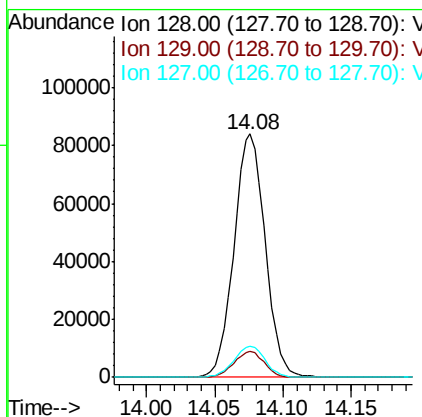
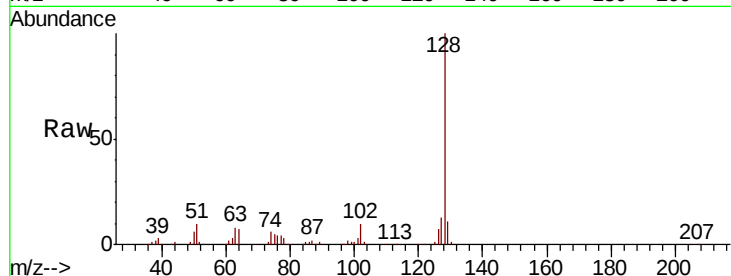




#69
Naphthalene
Concen: 4.804 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:128 Resp: 133541
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 12.7 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 5.015 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040014.D
Acq: 02 Sep 2020 09:34

Tgt Ion:180 Resp: 61432
Ion Ratio Lower Upper
180 100
182 94.4 77.8 116.6
145 35.4 28.7 43.1

