

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040915.D
 Acq On : 22 Oct 2020 20:30
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Oct 23 06:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	60716	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	23161	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	22967	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	261605	13.951	ug/l 100
3) Chloromethane	1.53	50	274867	13.810	ug/l 100
4) Vinyl Chloride	1.61	62	263985	13.547	ug/l 100
5) Bromomethane	1.86	94	135040	9.791	ug/l 100
6) Chloroethane	1.94	64	155450	12.322	ug/l 100
7) Trichlorofluoromethane	2.15	101	335071	11.942	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	185150	11.512	ug/l 100
9) 1,1-Dichloroethene	2.59	96	164178	11.960	ug/l 100
10) Iodomethane	2.74	142	206202	18.205	ug/l 100
11) Allyl Chloride	2.94	41	332395	12.153	ug/l 100
12) Acrylonitrile	3.33	53	115244	24.039	ug/l 100
13) Acetone	2.64	43	227169	53.262	ug/l 100
14) Carbon Disulfide	2.81	76	615591	15.098	ug/l 100
15) Methylene Chloride	3.06	84	192635	9.346	ug/l 100
16) trans-1,2-Dichloroethene	3.37	96	183649	12.291	ug/l 100
17) 1,1-Dichloroethane	3.89	63	373457	11.532	ug/l 100
18) 2-Butanone	4.74	43	391725	58.710	ug/l 100
19) Cyclohexane	5.40	56	327985	11.834	ug/l 93
20) Methylcyclohexane	6.77	83	302439	12.199	ug/l 100
21) 2,2-Dichloropropane	4.68	77	302482	10.063	ug/l 100
22) cis-1,2-Dichloroethene	4.68	96	188172	11.036	ug/l 100
23) Diethyl Ether	2.39	59	161984	12.324	ug/l 100
24) tert-Butyl Alcohol	3.21	59	187709	108.418	ug/l 100
25) Methyl tert-Butyl Ether	3.38	73	506212	11.232	ug/l 100
26) Bromochloromethane	4.99	128	84660	11.349	ug/l 100
27) Chloroform	5.11	83	354197	10.914	ug/l 100
28) 1,1,1-Trichloroethane	5.33	97	305965	10.899	ug/l 100
29) 1,1-Dichloropropene	5.54	75	273504	11.343	ug/l 100
30) Carbon Tetrachloride	5.54	117	276292	10.881	ug/l 100
31) Isopropyl Ether	4.02	45	578707	10.618	ug/l 100
32) Ethyl-t-butyl ether	4.53	59	513465	10.462	ug/l 100
33) Tert-Amyl methyl ether	5.96	73	413776	9.759	ug/l 100
34) Propionitrile	4.80	54	104293	61.345	ug/l 100
35) Benzene	5.79	78	770109	11.541	ug/l 100
36) 1,2-Dichloroethane	5.81	62	274504	10.721	ug/l 100
37) Trichloroethene	6.55	130	180529	10.795	ug/l 100
38) 1,2-Dichloropropane	6.80	63	219066	11.366	ug/l 100
39) Methacrylonitrile	5.00	41	99780	11.066	ug/l 100
40) Methyl acrylate	4.87	55	139615	11.982	ug/l 100
41) Tetrahydrofuran	5.08	42	99041	22.644	ug/l 100
42) 1-Chlorobutane	5.47	56	416854	11.663	ug/l 100

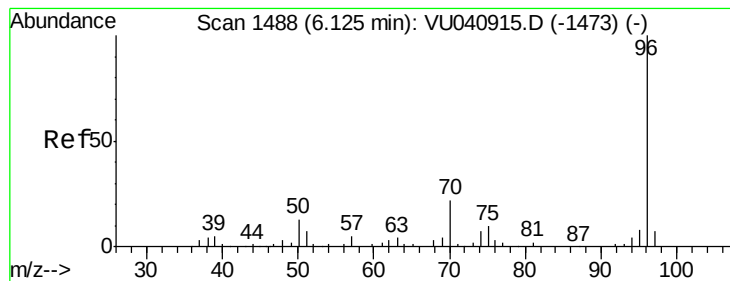
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040915.D
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Quant Time: Oct 23 06:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	117999	10.673	ug/l	100
44) Bromodichloromethane	7.12	83	281558	10.632	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	893440	58.851	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	287646	50.099	ug/l #	55
47) Methyl methacrylate	6.98	69	231288	24.171	ug/l	100
48) Ethyl methacrylate	8.34	69	194475	11.377	ug/l	100
49) Toluene	7.98	92	468626	11.635	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	259078	10.928	ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	282033	10.710	ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	155254	10.949	ug/l	100
53) 1,3-Dichloropropane	8.58	76	283069	11.114	ug/l	100
54) 2-Hexanone	8.69	43	621303	56.875	ug/l	100
55) Dibromochloromethane	8.82	129	182192	11.041	ug/l	100
56) 1,2-Dibromoethane	8.93	107	146050	11.015	ug/l	100
58) Tetrachloroethene	8.56	164	166358	10.337	ug/l	100
59) Chlorobenzene	9.45	112	469817	10.721	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	175464	10.887	ug/l	100
61) Pentachloroethane	11.43	117	138845	12.194	ug/l	100
62) Hexachloroethane	12.47	117	149907	10.744	ug/l	100
63) Ethyl Benzene	9.57	91	852769	11.385	ug/l	100
64) m/p-Xylenes	9.69	106	675497	23.976	ug/l	100
65) o-Xylene	10.10	106	305985	11.341	ug/l	100
66) Styrene	10.11	104	559246	11.788	ug/l	100
67) Bromoform	10.29	173	101619	11.835	ug/l	100
69) Isopropylbenzene	10.48	105	807771	10.958	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	213064	11.205	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	287646	19.681	ug/l	70
72) Bromobenzene	10.78	156	193800	11.094	ug/l	100
73) n-propylbenzene	10.90	120	237951	11.618	ug/l	100
74) 2-Chlorotoluene	10.98	126	199892	11.184	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	736023	11.384	ug/l	100
76) 4-Chlorotoluene	11.10	126	214483	11.149	ug/l	100
77) tert-Butylbenzene	11.42	119	664960	11.041	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	760621	11.189	ug/l	100
79) sec-Butylbenzene	11.64	105	945437	10.900	ug/l	100
80) Nitrobenzene	13.20	77	54327	68.946	ug/l	100
81) p-Isopropyltoluene	11.79	119	803314	11.541	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	408530	10.690	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	407583	10.755	ug/l	100
84) n-Butylbenzene	12.20	91	800254	11.275	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	393756	10.728	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	38730	11.106	ug/l	100
87) 1,2,4-Trichlorobenzene	13.83	180	243991	11.508	ug/l	100
88) Hexachlorobutadiene	14.01	225	129077	11.647	ug/l	100
89) Naphthalene	14.08	128	529691	12.807	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	249662	12.419	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 96 Resp: 60716

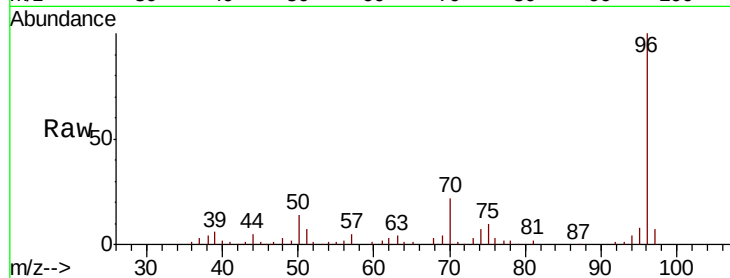
Ion Ratio Lower Upper

96 100

70 20.4 16.3 24.5

95 9.1 7.3 10.9

97 0.0 0.0 0.0

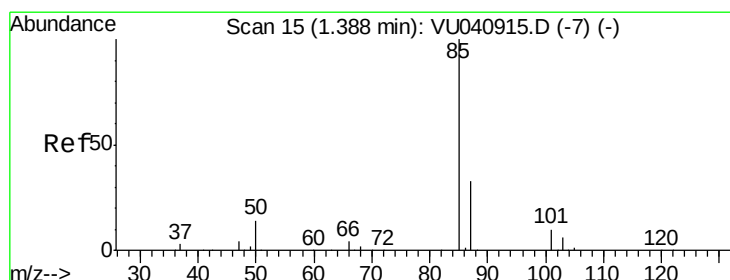
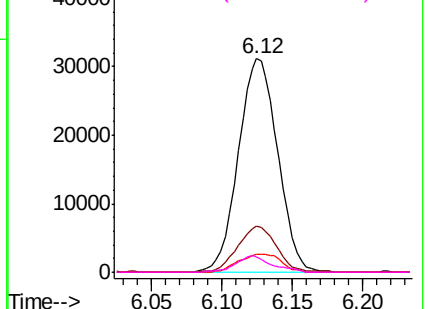
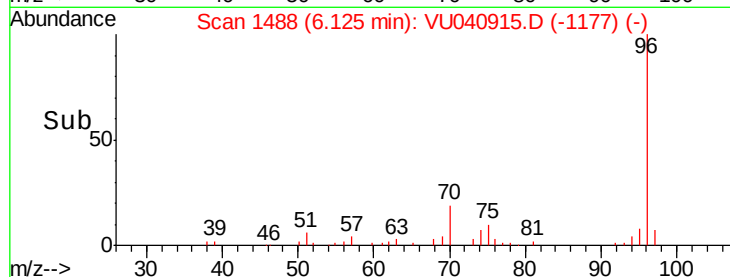


Abundance Ion 96.00 (95.70 to 96.70): VU040915.D (-1473) (-)

Ion 70.00 (69.70 to 70.70): VU040915.D (-1473) (-)

Ion 95.00 (94.70 to 95.70): VU040915.D (-1473) (-)

Ion 97.00 (96.70 to 97.70): VU040915.D (-1473) (-)



#2

Dichlorodifluoromethane

Concen: 13.951 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040915.D

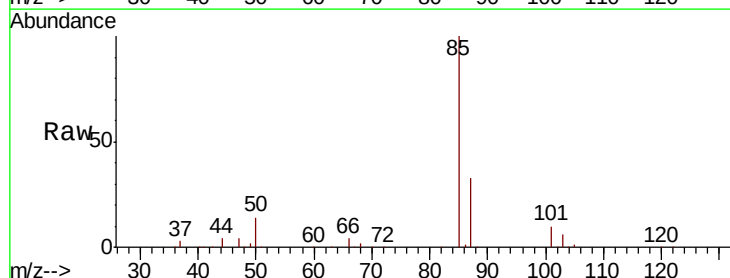
Acq: 22 Oct 2020 20:30

Tgt Ion: 85 Resp: 261605

Ion Ratio Lower Upper

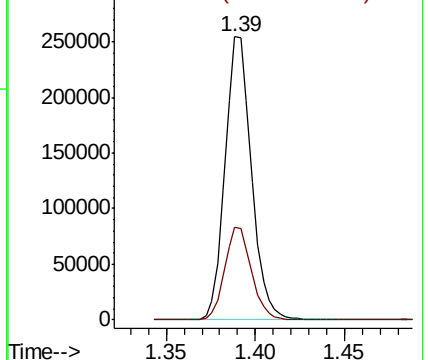
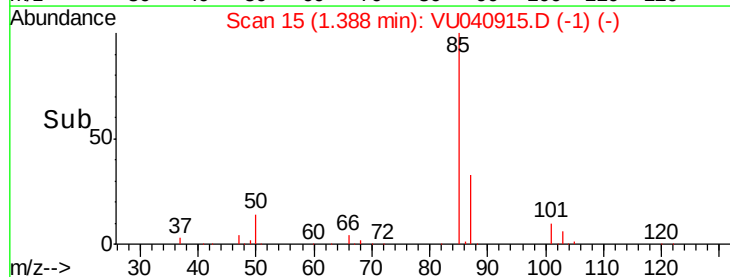
85 100

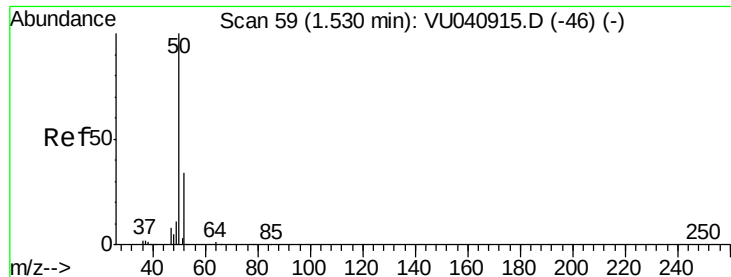
87 33.0 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU040915.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU040915.D (-7) (-)





#3

Chloromethane

Concen: 13.810 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

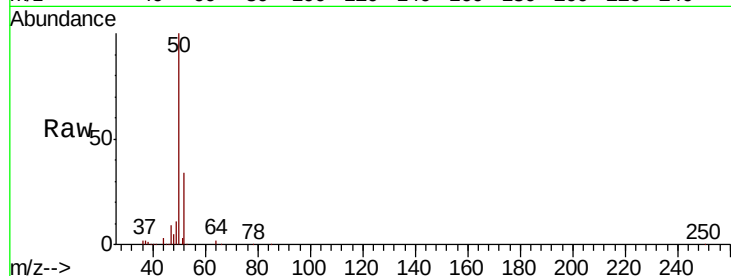
VSTDICCC010

Tot Ion: 50 Resp: 274867

Ion Ratio Lower Upper

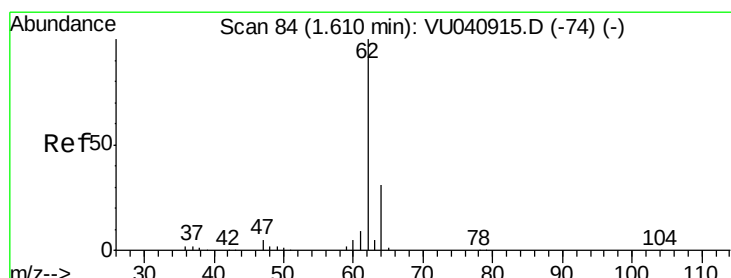
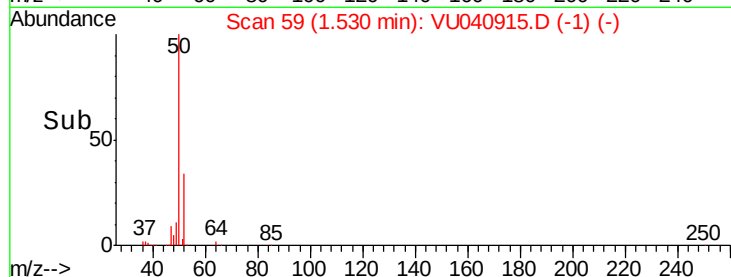
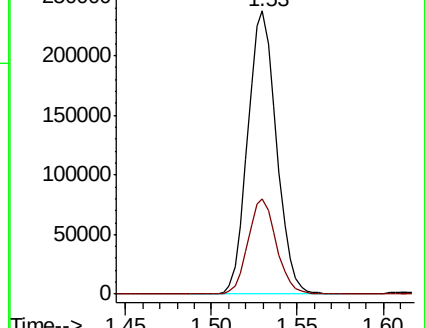
50 100

52 33.6 26.9 40.3



Abundance Ion 50.00 (49.70 to 50.70): VU040915.D (-46) (-)

Ion 52.00 (51.70 to 52.70): VU040915.D (-46) (-)



#4

Vinyl Chloride

Concen: 13.547 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040915.D

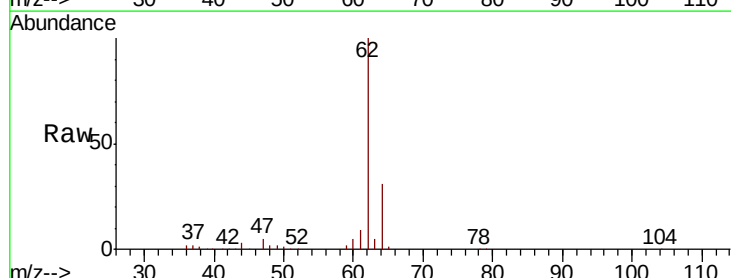
Acq: 22 Oct 2020 20:30

Tgt Ion: 62 Resp: 263985

Ion Ratio Lower Upper

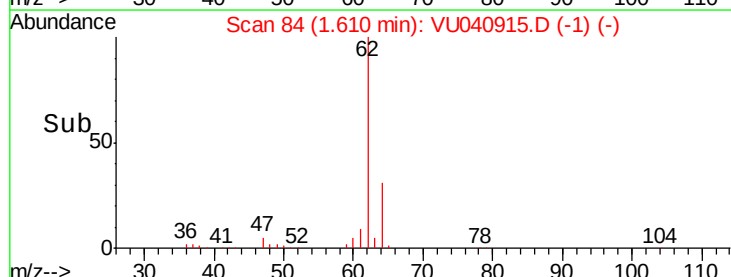
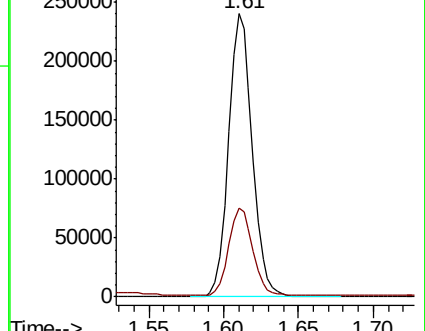
62 100

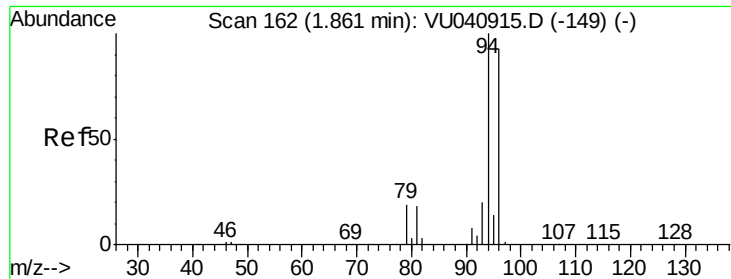
64 30.9 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU040915.D (-74) (-)

Ion 64.00 (63.70 to 64.70): VU040915.D (-74) (-)





#5

Bromomethane

Concen: 9.791 ug/l

RT: 1.86 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

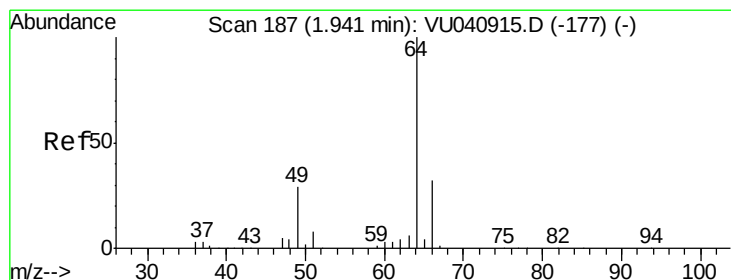
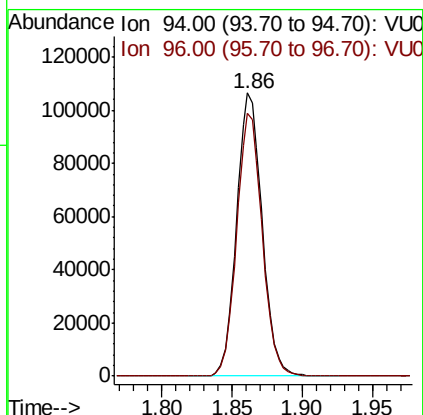
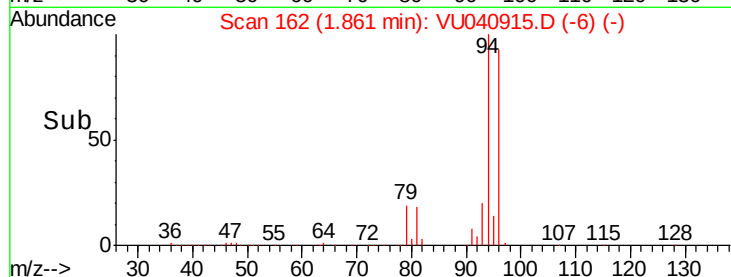
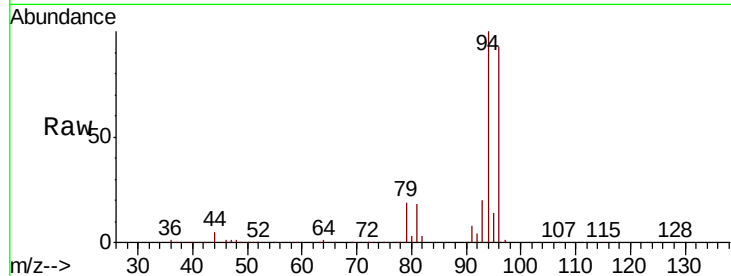
VSTDICCC010

Tot Ion: 94 Resp: 135040

Ion Ratio Lower Upper

94 100

96 93.0 74.4 111.6



#6

Chloroethane

Concen: 12.322 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040915.D

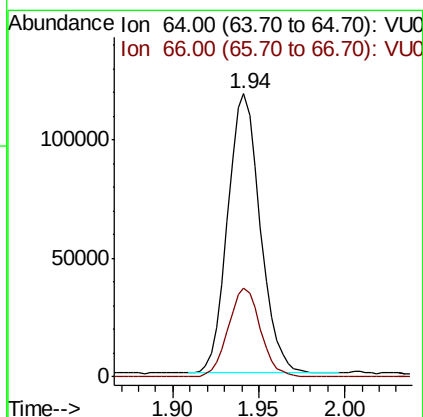
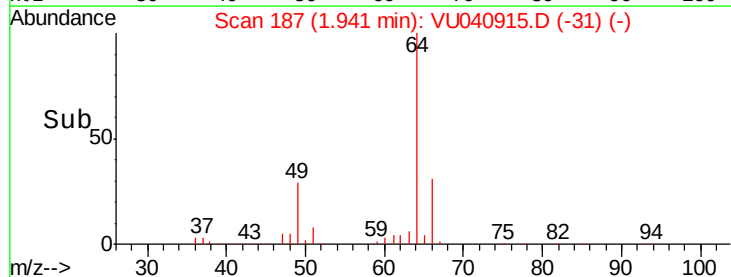
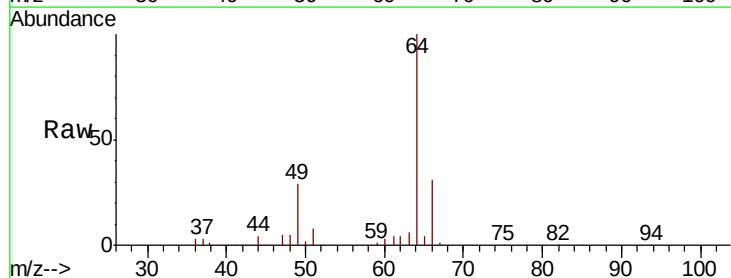
Acq: 22 Oct 2020 20:30

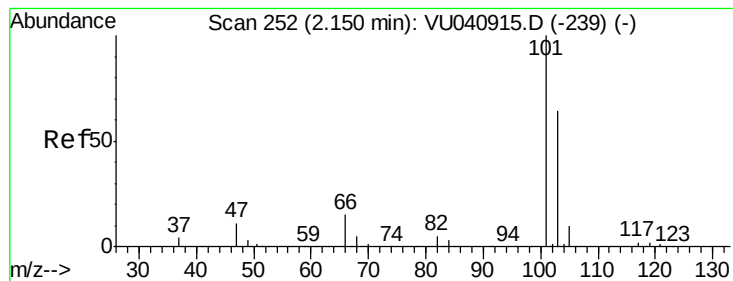
Tgt Ion: 64 Resp: 155450

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



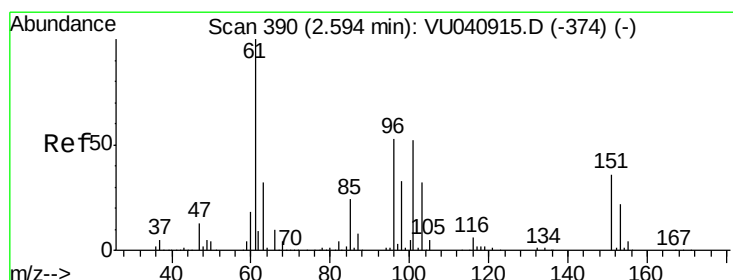
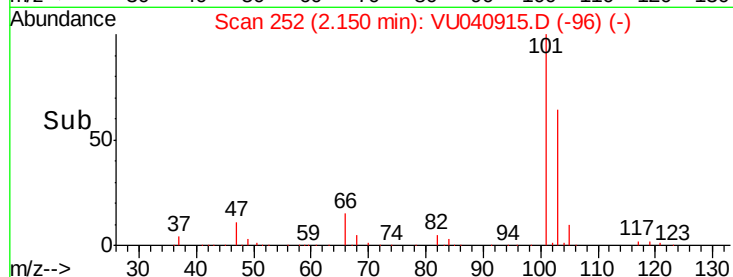
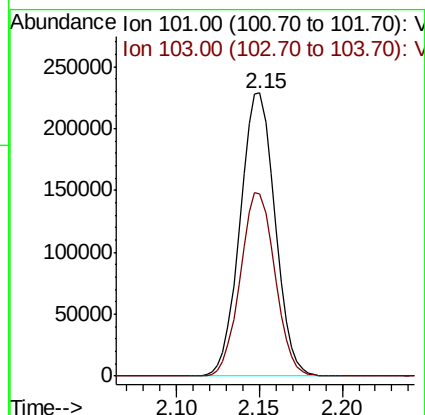
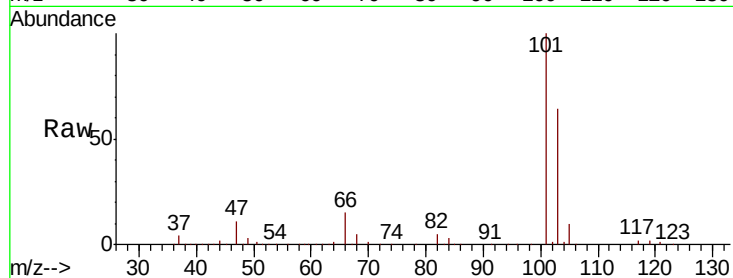


#7

Trichlorofluoromethane
 Concen: 11.942 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

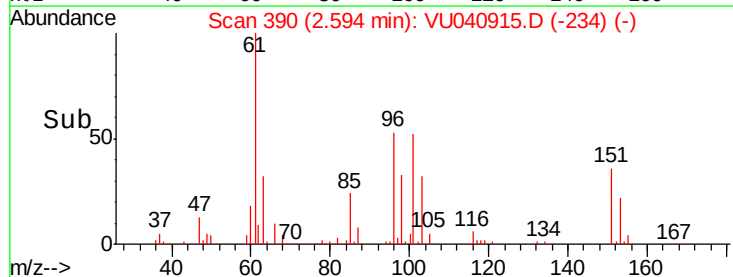
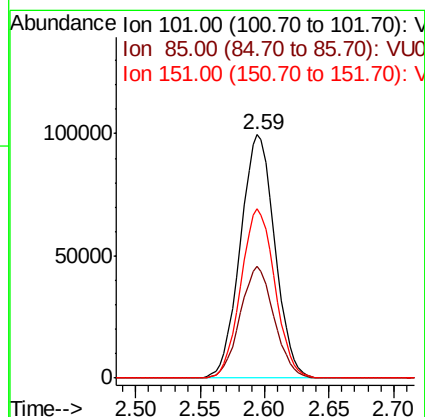
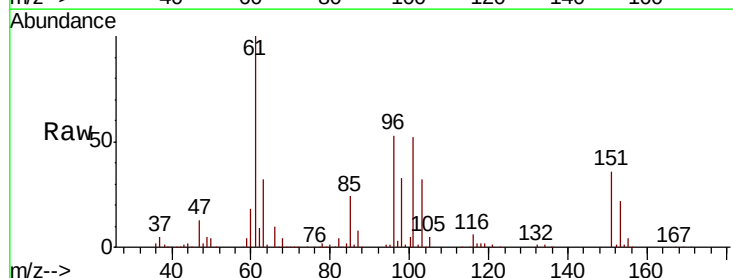
Tot Ion:101 Resp: 335071
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

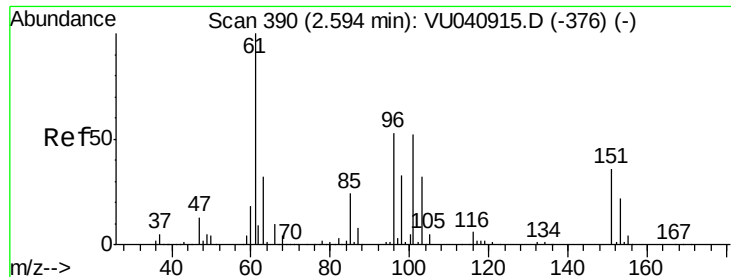


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.512 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion:101 Resp: 185150
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.2 54.2
 151 68.9 55.1 82.7





#9

1,1-Dichloroethene

Concen: 11.960 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

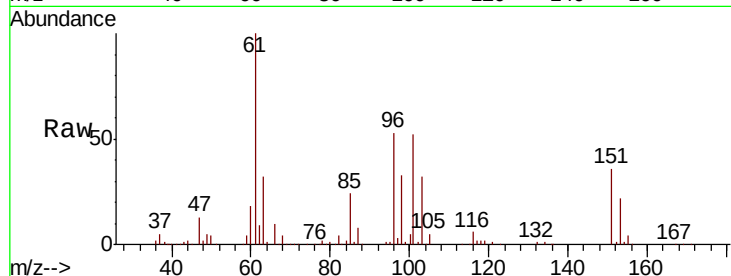
MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 96 Resp: 164178

Ion	Ratio	Lower	Upper
96	100		
61	187.3	0.0	561.9
98	62.5	0.0	125.0



Abundance

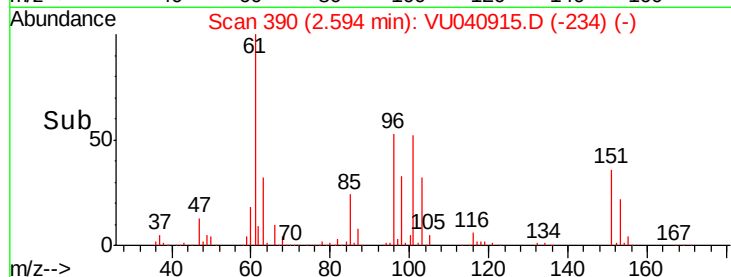
Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

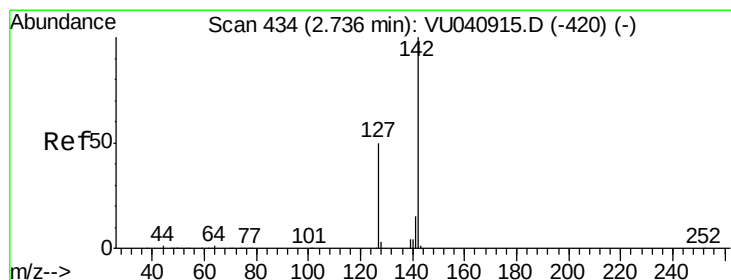
Ion 98.00 (97.70 to 98.70): VU0

2.59

Time-->



Time-->



#10

Iodomethane

Concen: 18.205 ug/l

RT: 2.74 min Scan# 434

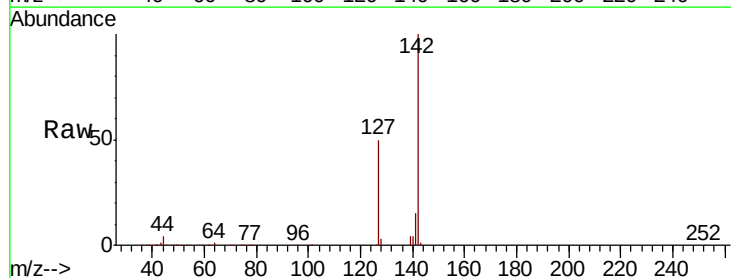
Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion: 142 Resp: 206202

Ion	Ratio	Lower	Upper
142	100		
127	50.7	40.6	60.8



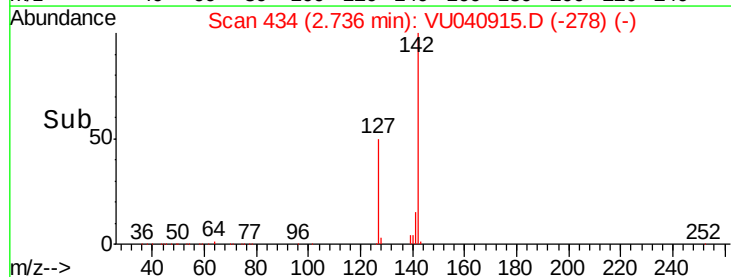
Abundance

Ion 142.00 (141.70 to 142.70): V

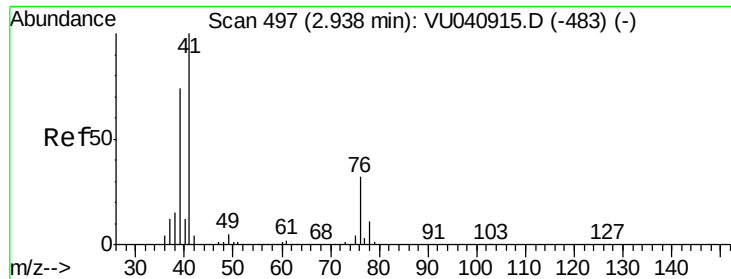
Ion 127.00 (126.70 to 127.70): V

2.74

Time-->



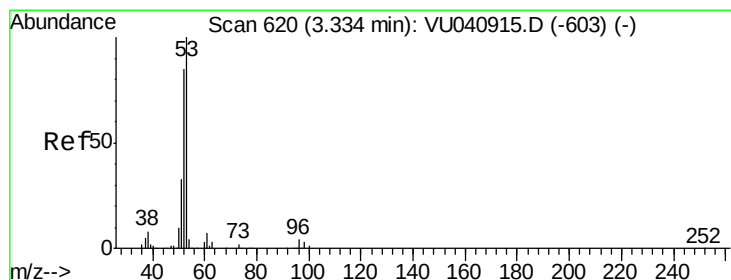
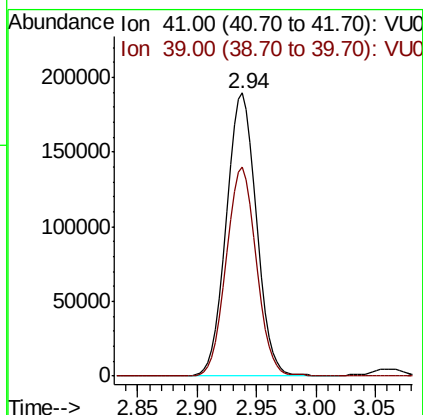
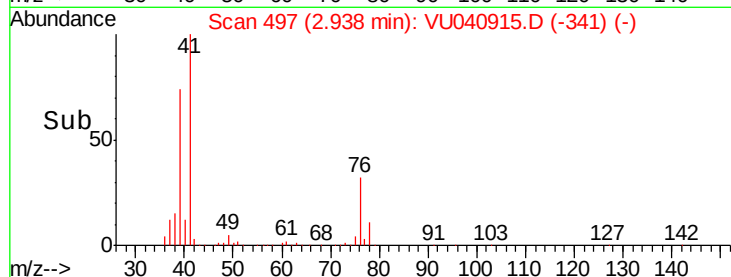
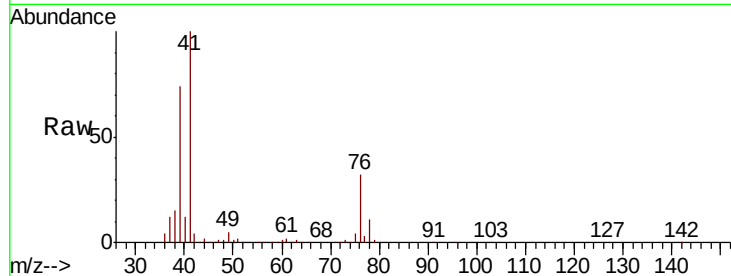
Time-->



#11
 Allvl Chloride
 Concen: 12.153 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

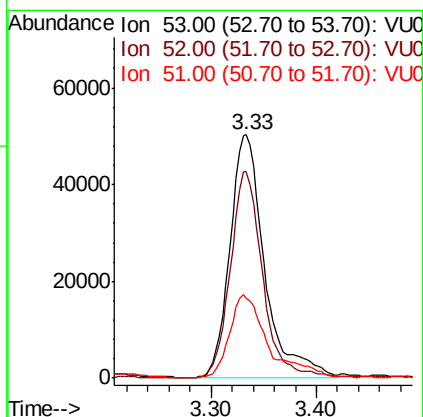
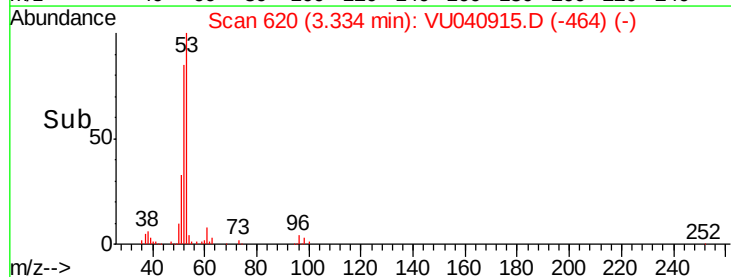
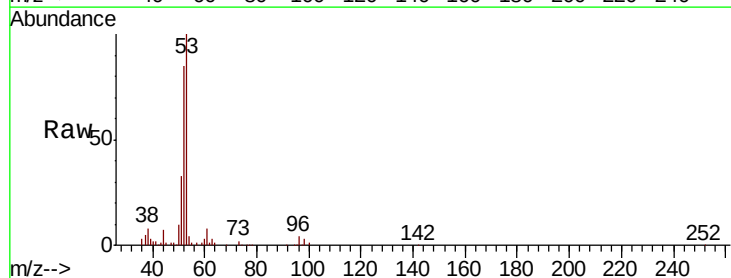
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

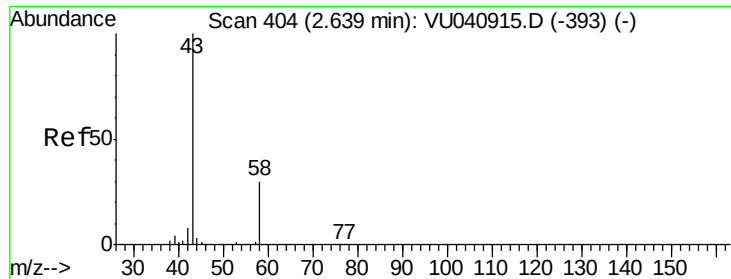
Tot Ion: 41 Resp: 332395
 Ion Ratio Lower Upper
 41 100
 39 73.7 59.0 88.4



#12
 Acrylonitrile
 Concen: 24.039 ug/l
 RT: 3.33 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion: 53 Resp: 115244
 Ion Ratio Lower Upper
 53 100
 52 78.9 63.1 94.7
 51 38.3 30.6 46.0





#13

Acetone

Concen: 53.262 ug/l

RT: 2.64 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

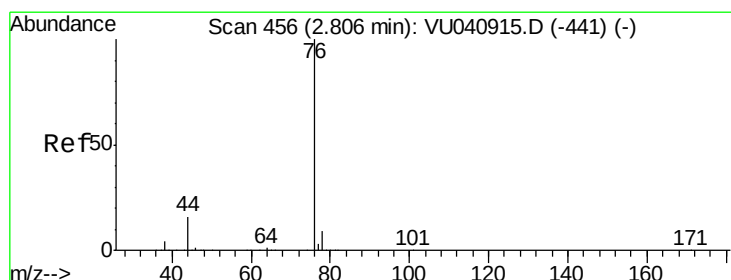
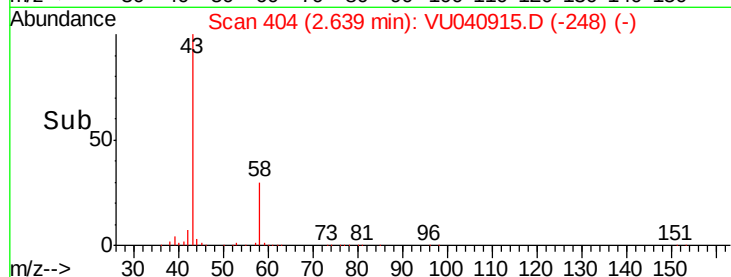
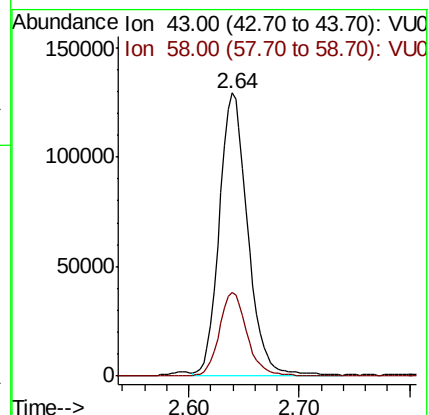
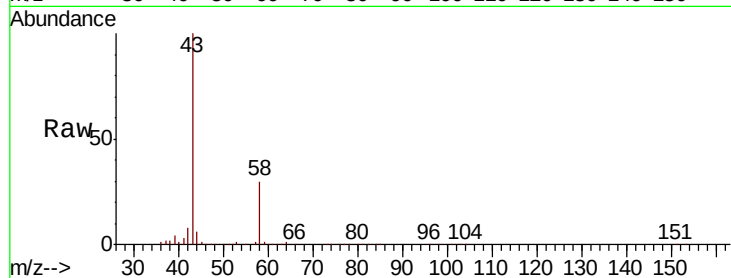
VSTDICCC010

Tot Ion: 43 Resp: 227169

Ion Ratio Lower Upper

43 100

58 29.5 23.6 35.4



#14

Carbon Disulfide

Concen: 15.098 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040915.D

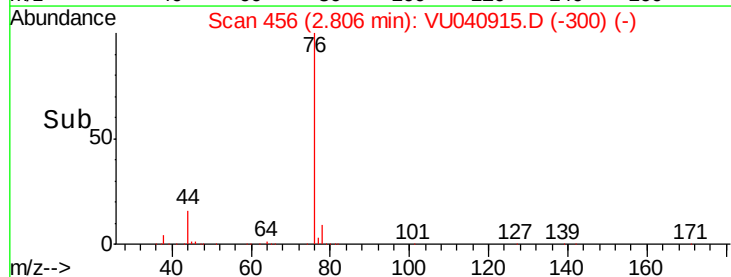
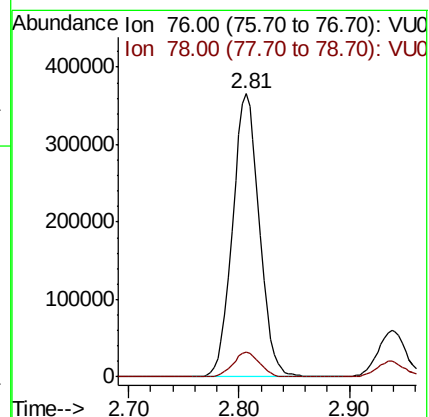
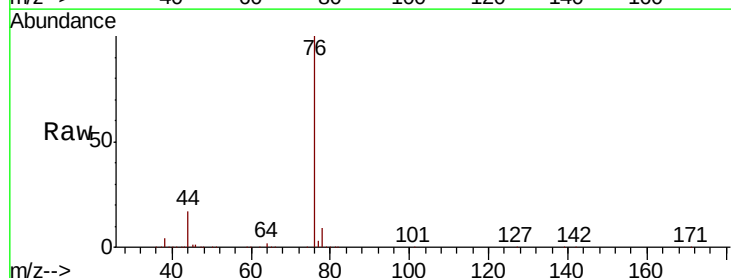
Acq: 22 Oct 2020 20:30

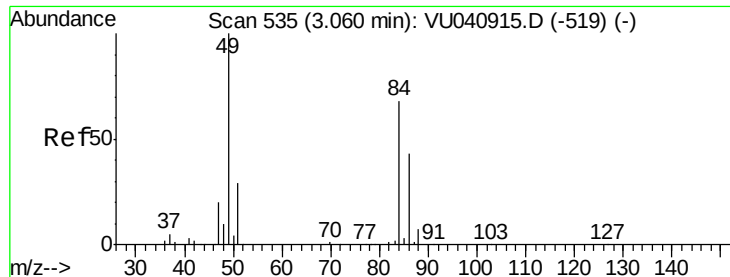
Tgt Ion: 76 Resp: 615591

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

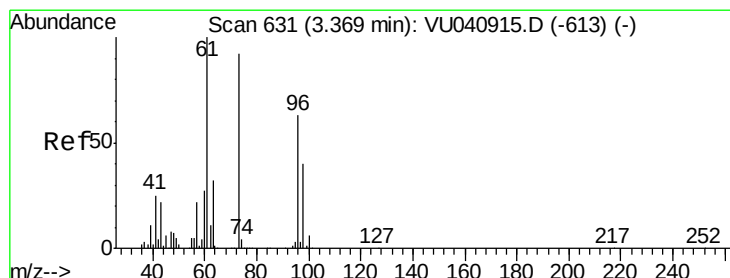
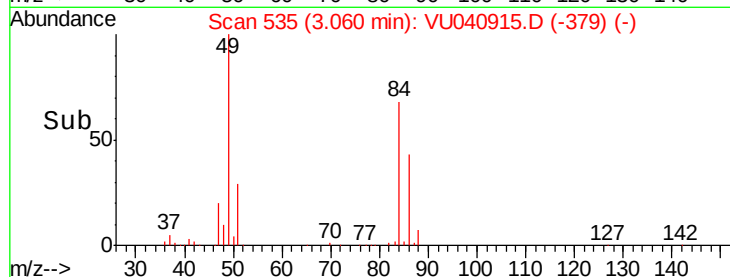
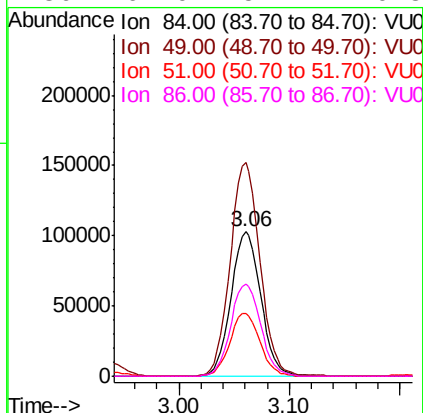
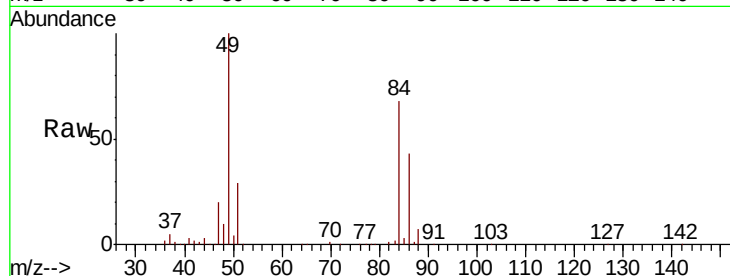




#15
Methvlene Chloride
Concen: 9.346 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

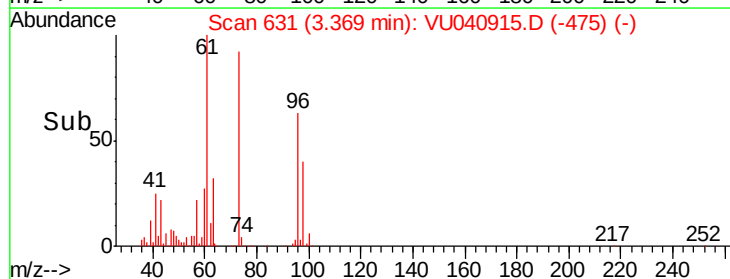
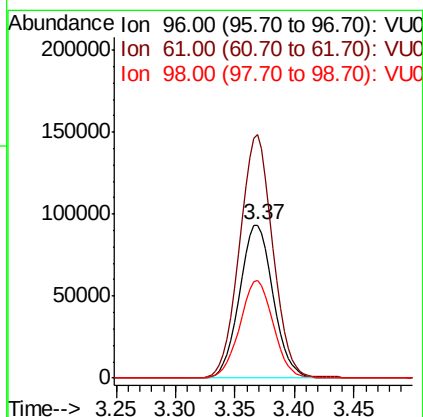
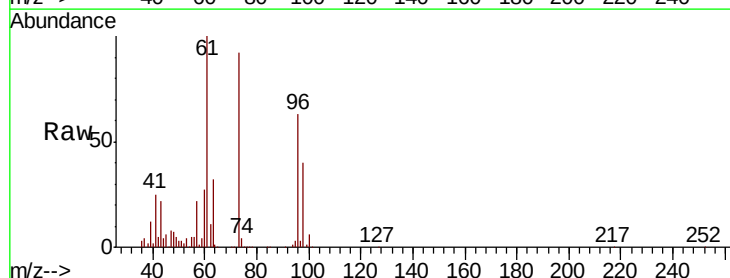
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

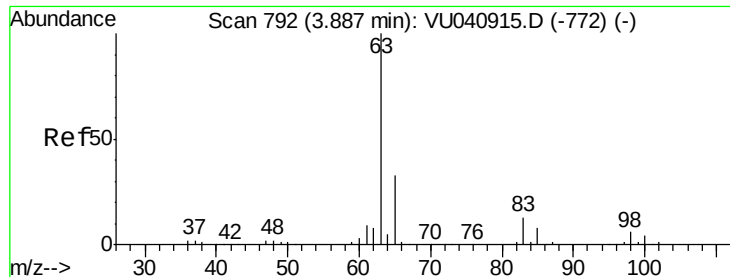
Tot Ion:	84	Resp:	192635
Ion	Ratio	Lower	Upper
84	100		
49	147.8	118.2	177.4
51	43.4	0.0	86.8
86	64.0	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 12.291 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion:	96	Resp:	183649
Ion	Ratio	Lower	Upper
96	100		
61	158.7	127.0	190.4
98	64.0	51.2	76.8





#17

1,1-Dichloroethane

Concen: 11.532 ug/l

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

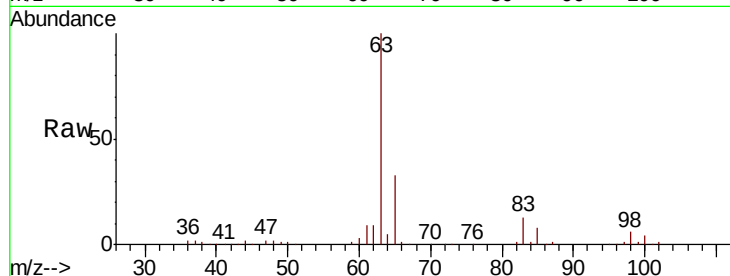
Tot Ion: 63 Resp: 373457

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.7 1.8 5.5

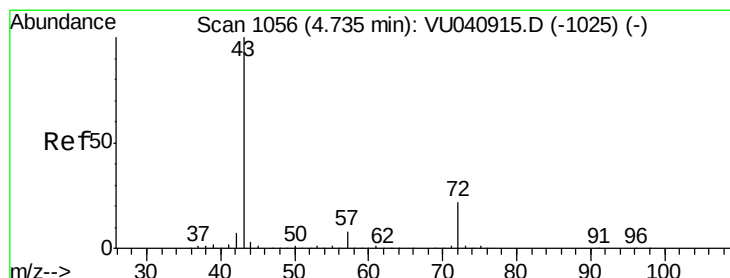
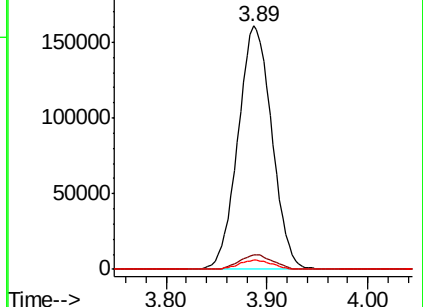
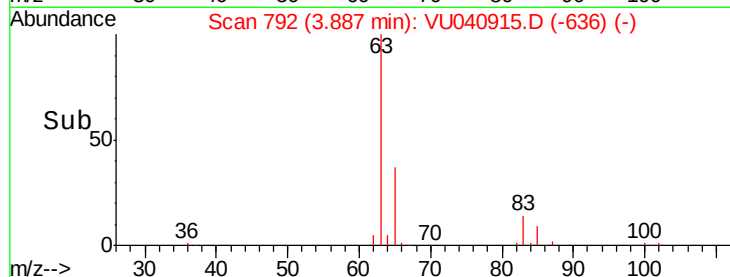


Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-772) (-)

Ion 98.00 (97.70 to 98.70): VU040915.D (-772) (-)

Ion 100.00 (99.70 to 100.70): VU040915.D (-772) (-)

Time-->



#18

2-Butanone

Concen: 58.710 ug/l

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU040915.D

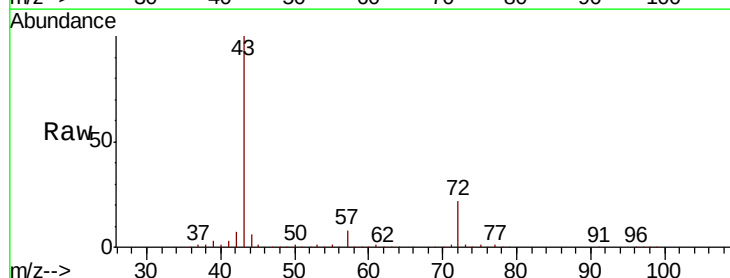
Acq: 22 Oct 2020 20:30

Tgt Ion: 43 Resp: 391725

Ion Ratio Lower Upper

43 100

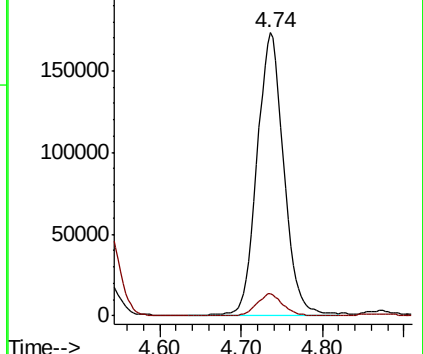
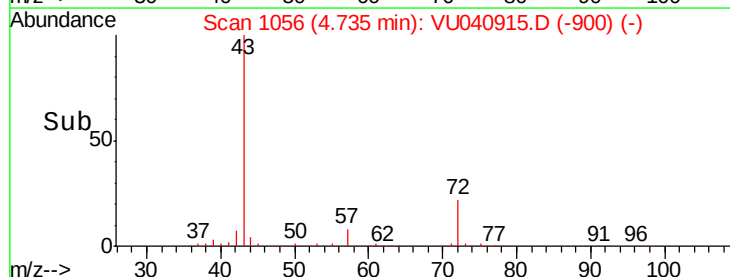
57 7.6 0.0 15.2

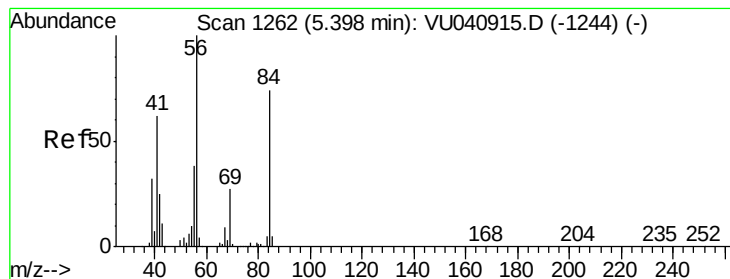


Abundance Ion 43.00 (42.70 to 43.70): VU040915.D (-1025) (-)

Ion 57.00 (56.70 to 57.70): VU040915.D (-1025) (-)

Time-->





#19

Cyclohexane

Concen: 11.834 ug/l

RT: 5.40 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

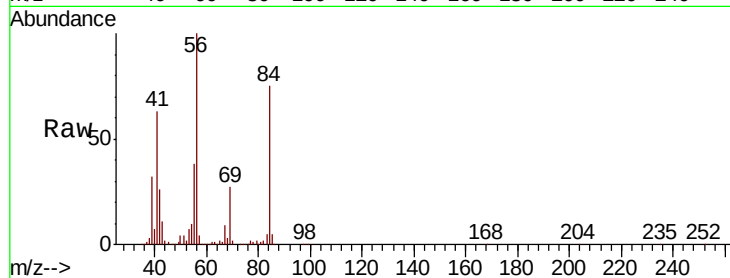
Tot Ion: 56 Resp: 327985

Ion Ratio Lower Upper

56 100

69 30.3 22.2 33.2

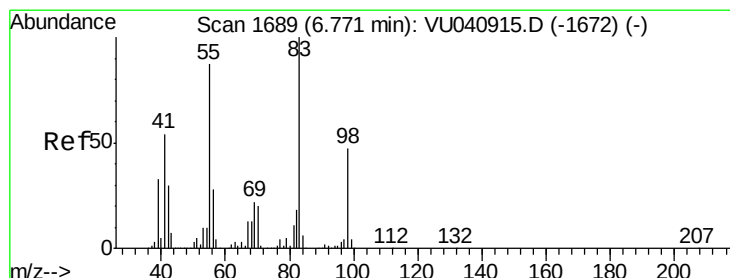
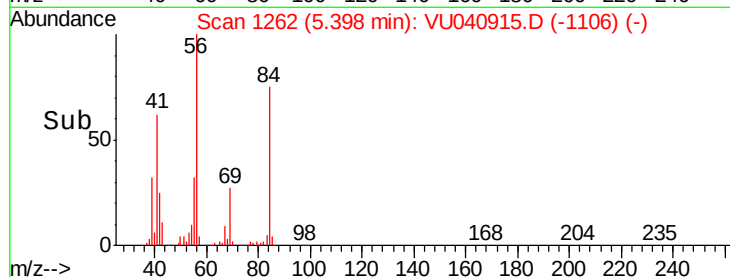
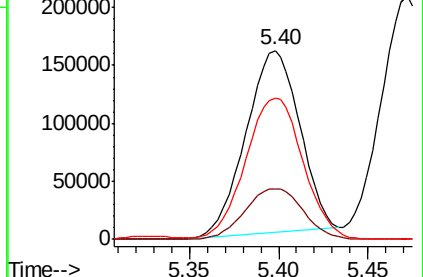
84 82.3 60.1 90.1



Abundance Ion 56.00 (55.70 to 56.70): VU040915.D (-1244) (-)

Ion 69.00 (68.70 to 69.70): VU040915.D (-1244) (-)

Ion 84.00 (83.70 to 84.70): VU040915.D (-1244) (-)



#20

Methylcyclohexane

Concen: 12.199 ug/l

RT: 6.77 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

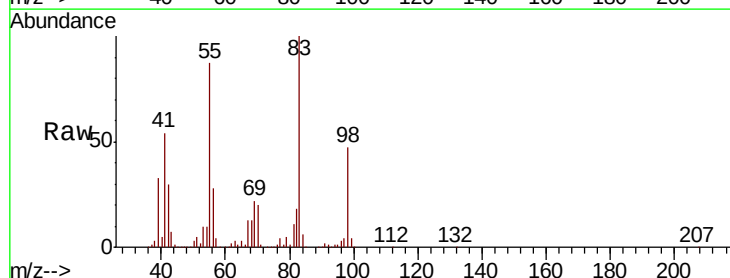
Tgt Ion: 83 Resp: 302439

Ion Ratio Lower Upper

83 100

55 88.7 71.0 106.4

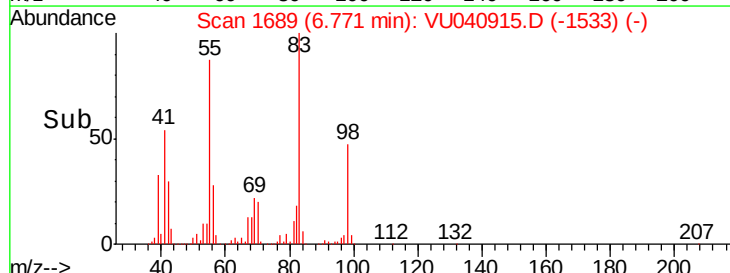
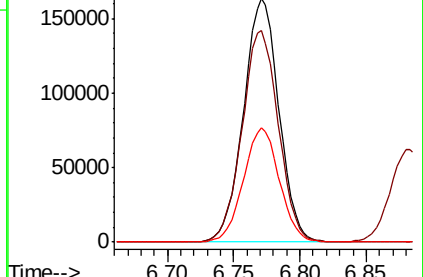
98 47.6 38.1 57.1

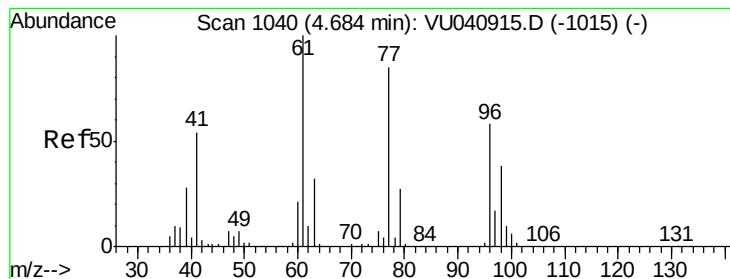


Abundance Ion 83.00 (82.70 to 83.70): VU040915.D (-1672) (-)

Ion 55.00 (54.70 to 55.70): VU040915.D (-1672) (-)

Ion 98.00 (97.70 to 98.70): VU040915.D (-1672) (-)





#21

2,2-Dichloropropane

Concen: 10.063 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

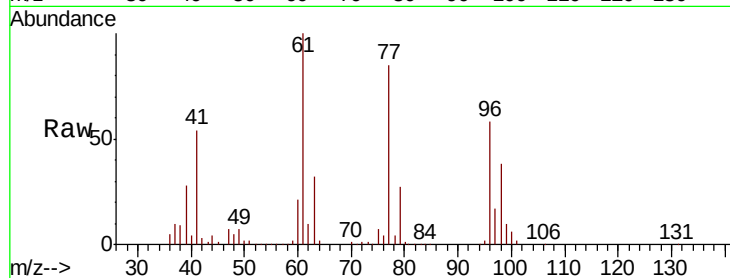
VSTDICCC010

Tot Ion: 77 Resp: 302482

Ion Ratio Lower Upper

77 100

97 20.0 16.0 24.0



Abundance Ion 77.00 (76.70 to 77.70): VU040915.D (-1015) (-)

Ion 97.00 (96.70 to 97.70): VU040915.D (-1015) (-)

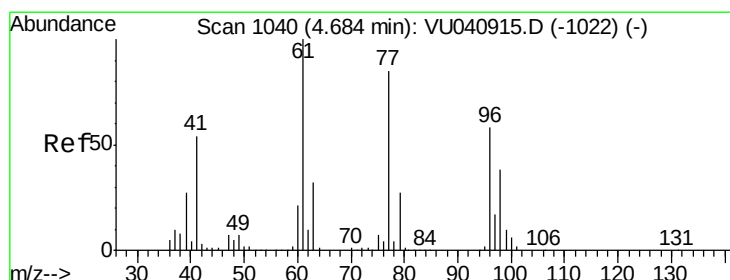
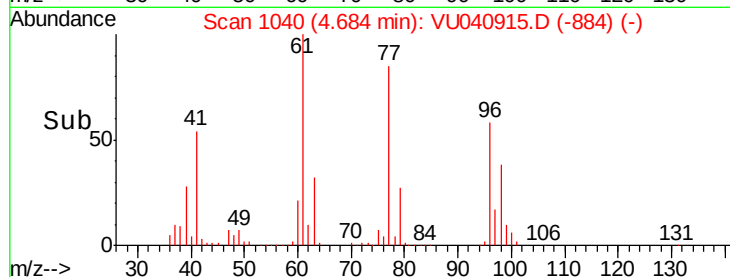
4.68

100000

50000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 11.036 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

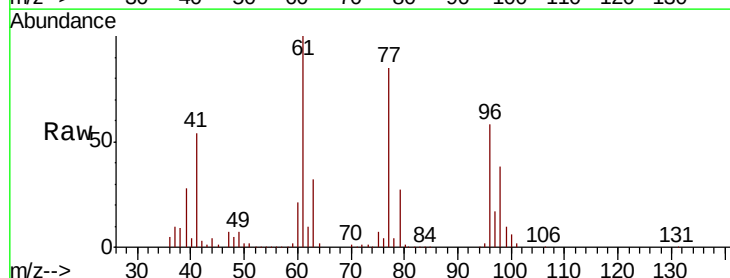
Tgt Ion: 96 Resp: 188172

Ion Ratio Lower Upper

96 100

61 173.8 0.0 434.5

98 65.2 32.6 97.8



Abundance Ion 96.00 (95.70 to 96.70): VU040915.D (-1022) (-)

Ion 61.00 (60.70 to 61.70): VU040915.D (-1022) (-)

Ion 98.00 (97.70 to 98.70): VU040915.D (-1022) (-)

200000

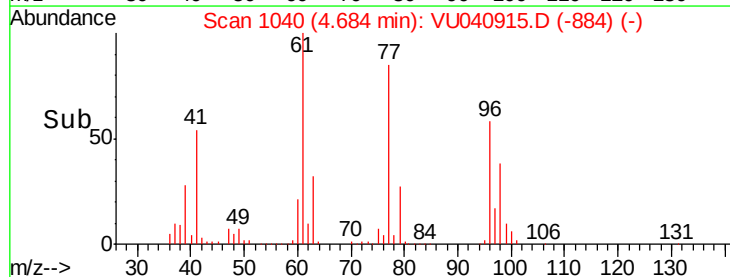
150000

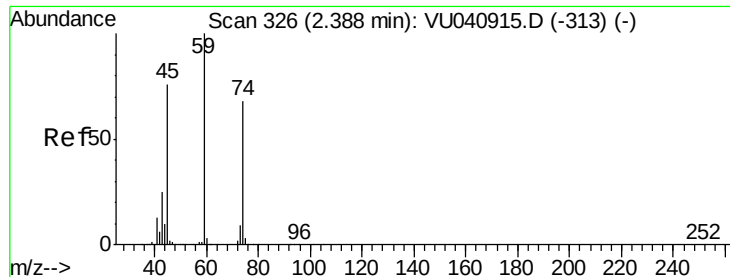
100000

50000

0

Time-->

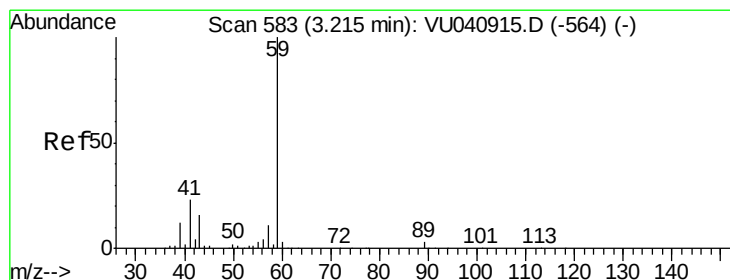
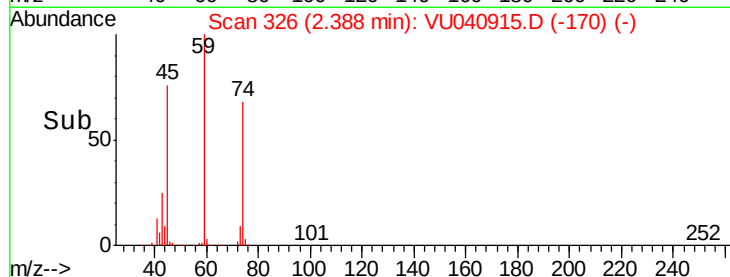
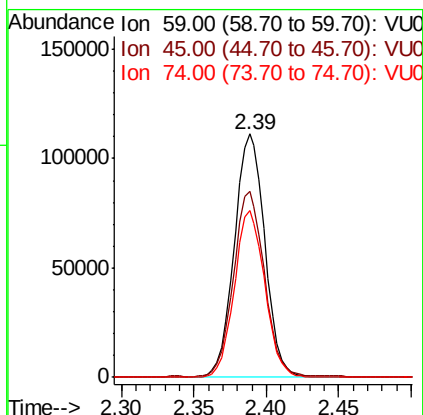
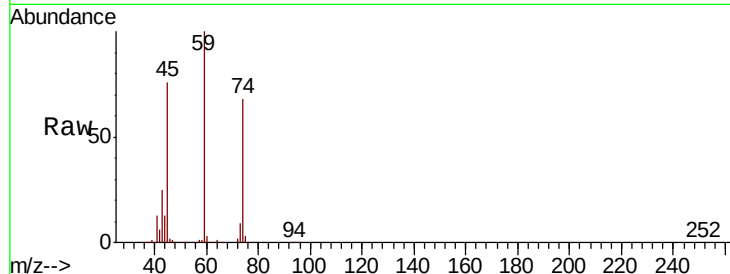




#23
Diethyl Ether
Concen: 12.324 ug/l
RT: 2.39 min Scan# 326
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

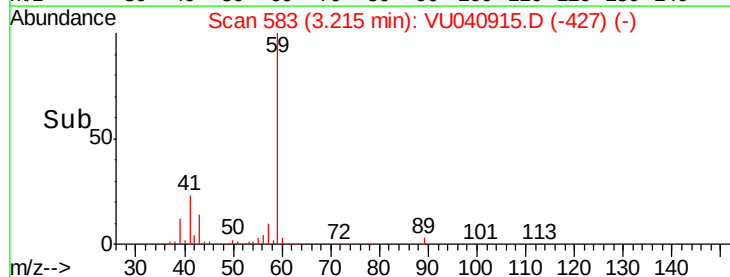
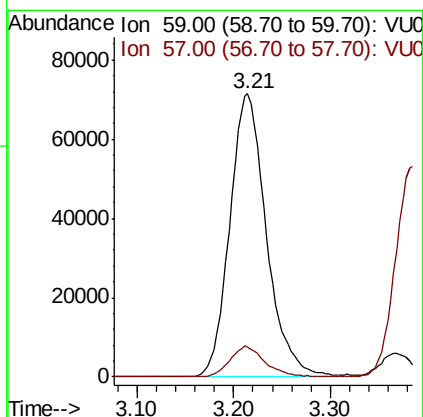
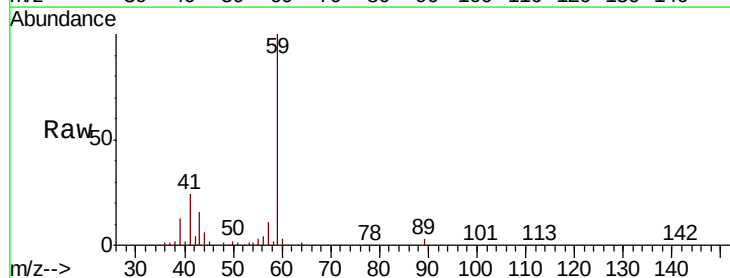
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

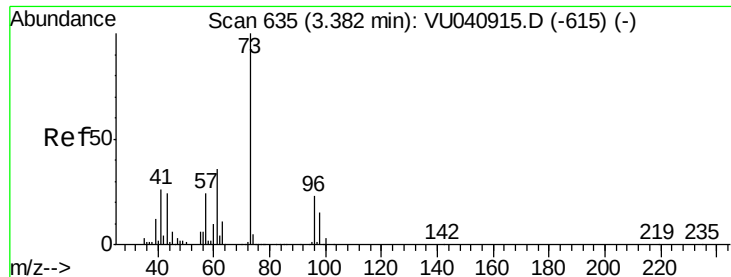
Tot Ion: 59 Resp: 161984
Ion Ratio Lower Upper
59 100
45 76.8 61.4 92.2
74 68.7 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 108.418 ug/l
RT: 3.21 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 59 Resp: 187709
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6





#25

Methyl tert-Butyl Ether

Concen: 11.232 ug/l

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

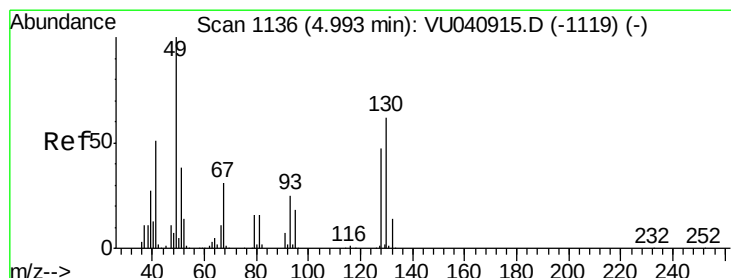
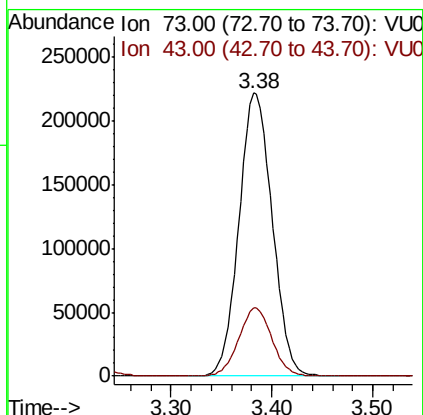
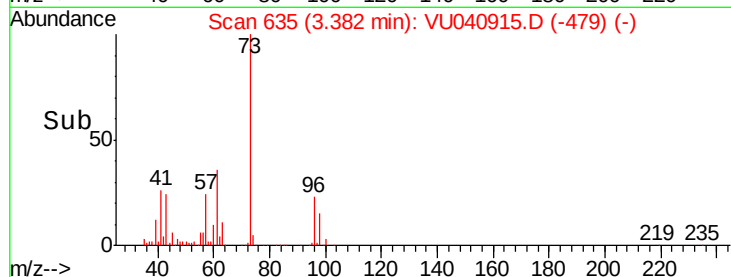
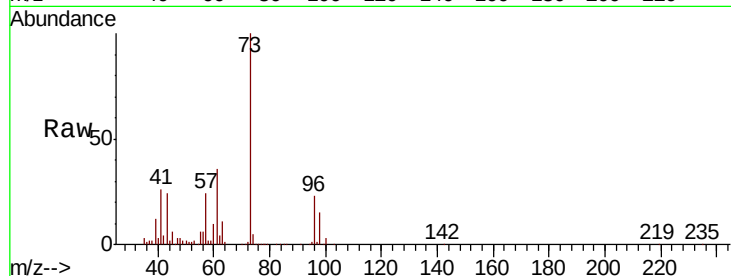
VSTDICCC010

Tot Ion: 73 Resp: 506212

Ion Ratio Lower Upper

73 100

43 23.8 19.0 28.6



#26

Bromochloromethane

Concen: 11.349 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

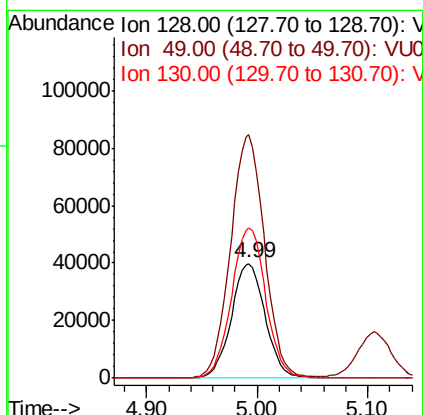
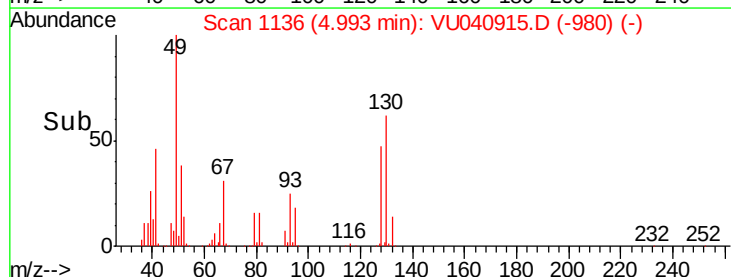
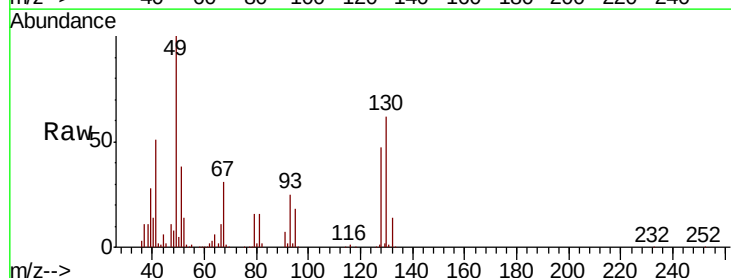
Tgt Ion: 128 Resp: 84660

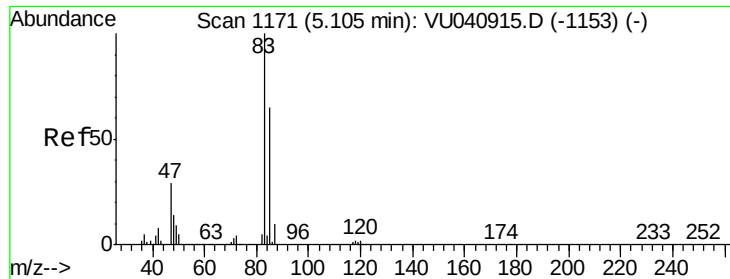
Ion Ratio Lower Upper

128 100

49 213.2 0.0 426.4

130 132.8 106.2 159.4

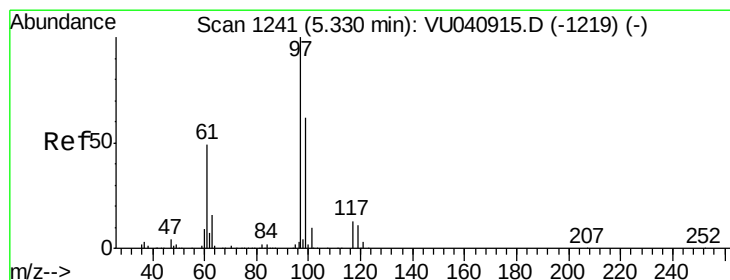
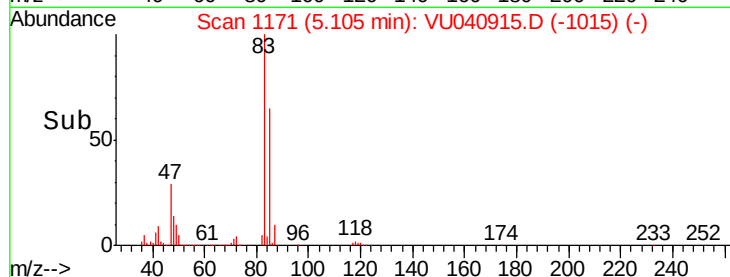
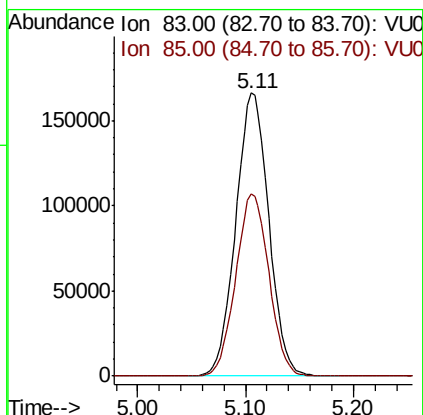
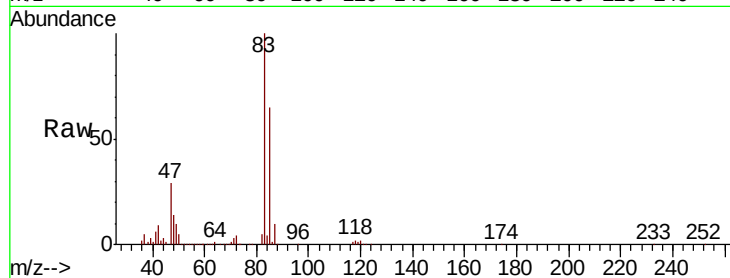




#27
Chloroform
Concen: 10.914 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

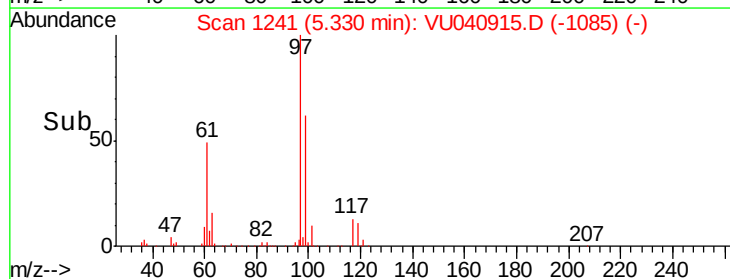
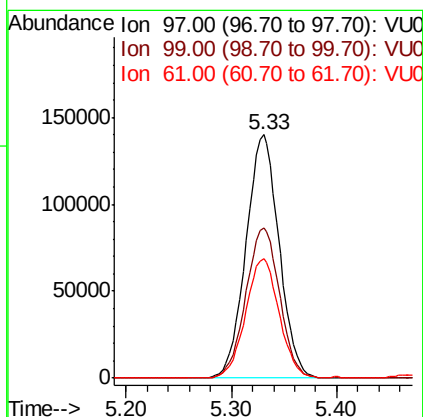
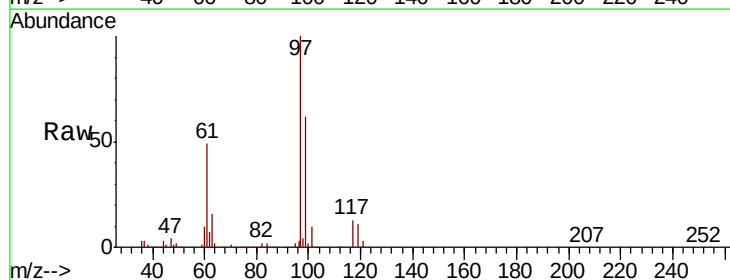
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

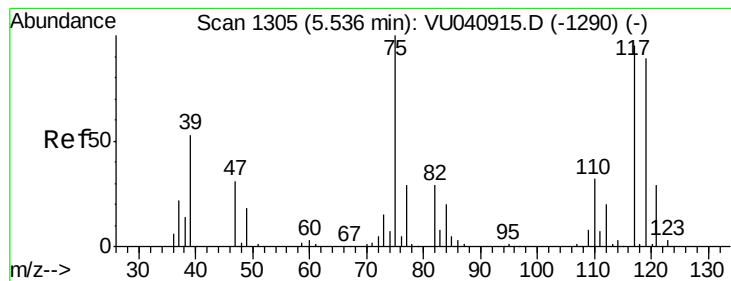
Tot Ion: 83 Resp: 354197
Ion Ratio Lower Upper
83 100
85 64.5 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 10.899 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 97 Resp: 305965
Ion Ratio Lower Upper
97 100
99 62.9 31.4 94.3
61 49.4 24.7 74.1





#29

1,1-Dichloropropene

Concen: 11.343 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

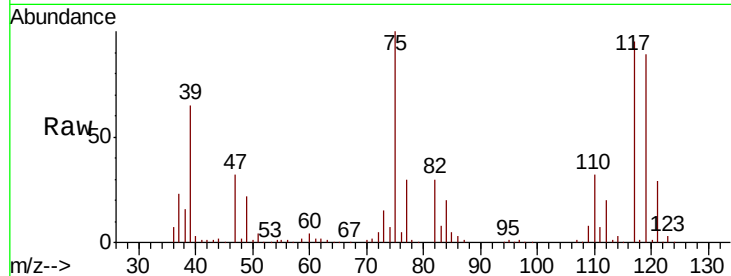
Tot Ion: 75 Resp: 273504

Ion Ratio Lower Upper

75 100

110 31.7 15.9 47.6

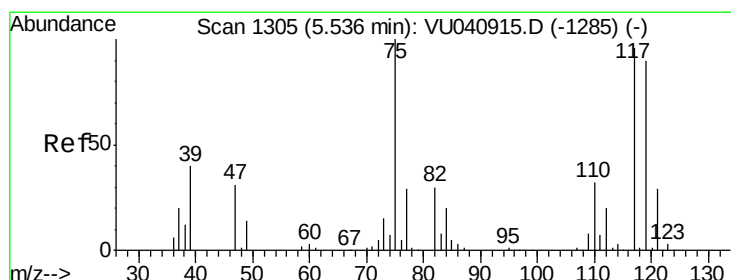
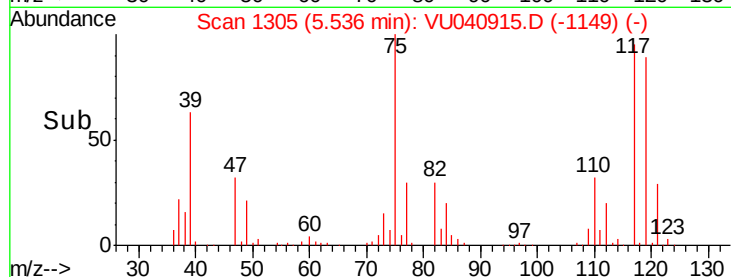
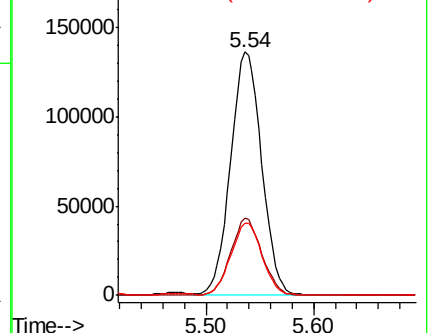
77 30.2 24.2 36.2



Abundance Ion 75.00 (74.70 to 75.70): VU040915.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU040915.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 10.881 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

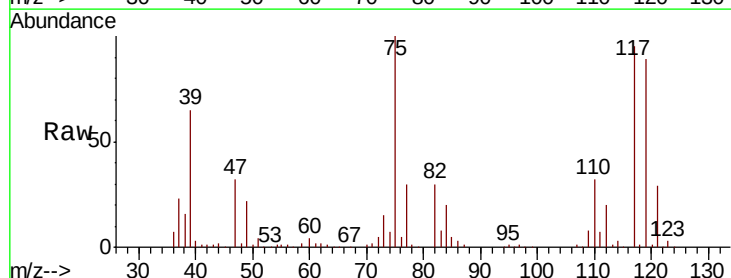
Tgt Ion: 117 Resp: 276292

Ion Ratio Lower Upper

117 100

119 93.6 74.9 112.3

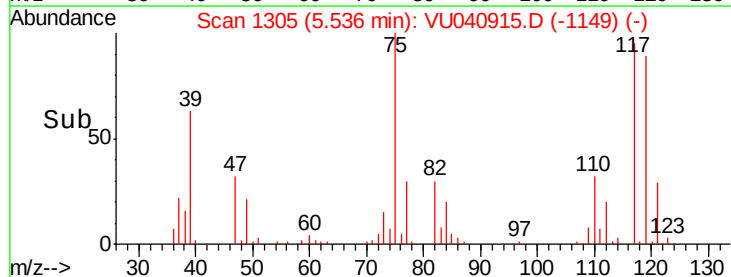
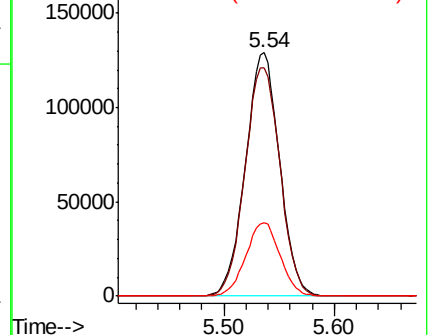
121 30.1 24.1 36.1

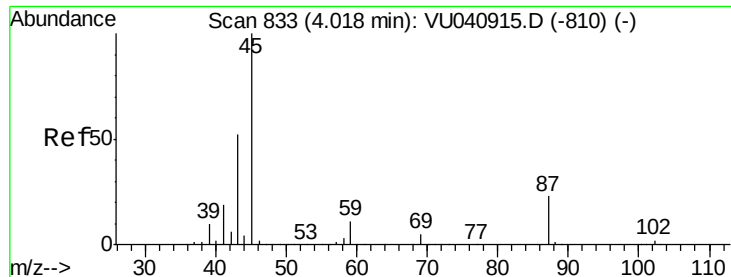


Abundance Ion 117.00 (116.70 to 117.70): VU040915.D (-1285) (-)

Ion 119.00 (118.70 to 119.70): VU040915.D (-1285) (-)

Ion 121.00 (120.70 to 121.70): VU040915.D (-1285) (-)





#31

Isopropyl Ether

Concen: 10.618 ug/l

RT: 4.02 min Scan# 833

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

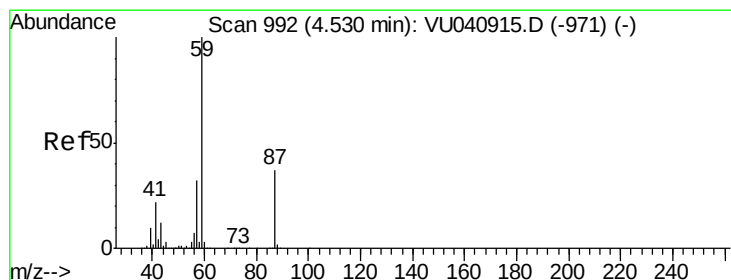
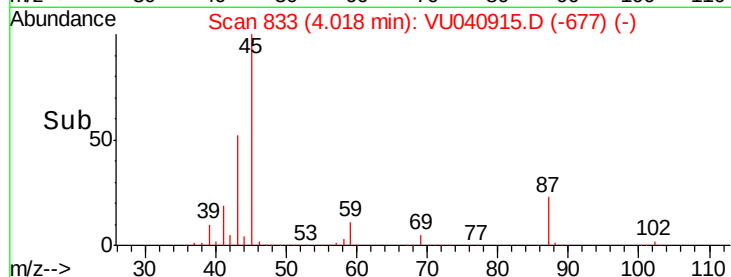
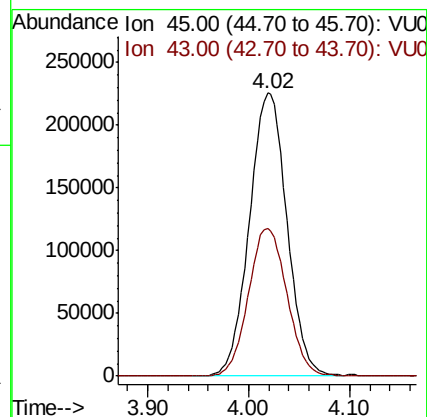
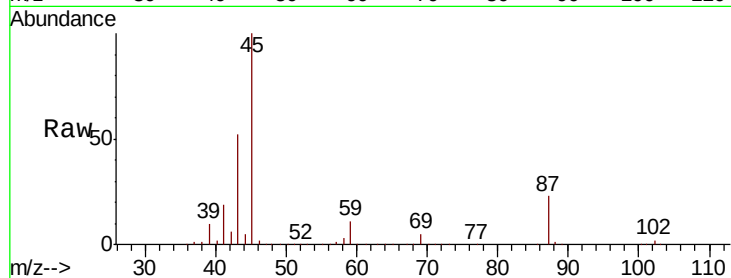
VSTDICCC010

Tot Ion: 45 Resp: 578707

Ion Ratio Lower Upper

45 100

43 53.5 26.8 80.3



#32

Ethyl-t-butyl ether

Concen: 10.462 ug/l

RT: 4.53 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU040915.D

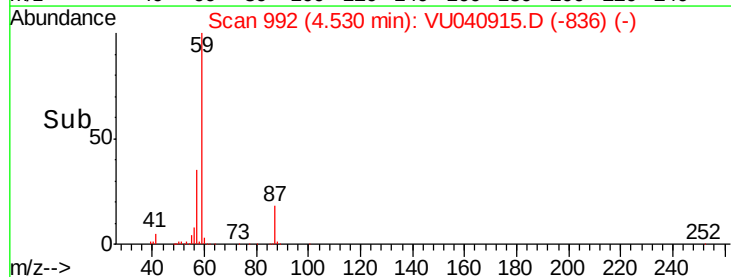
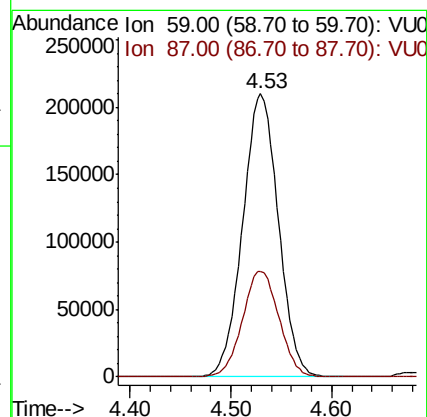
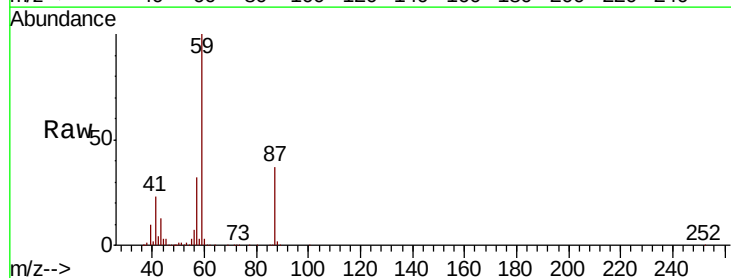
Acq: 22 Oct 2020 20:30

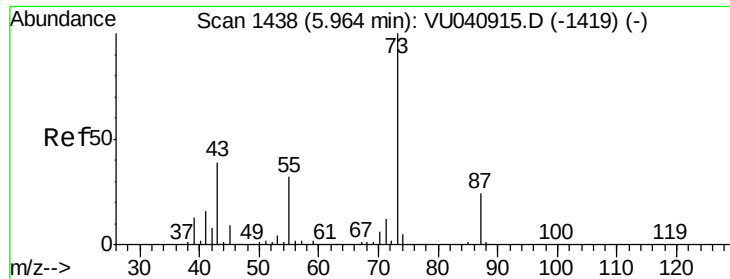
Tgt Ion: 59 Resp: 513465

Ion Ratio Lower Upper

59 100

87 38.3 30.6 46.0

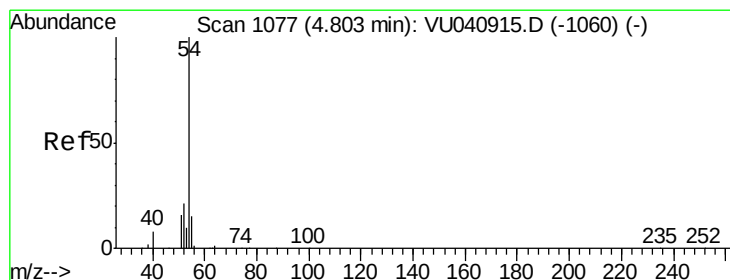
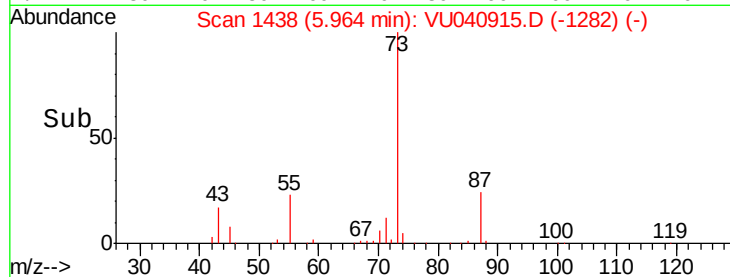
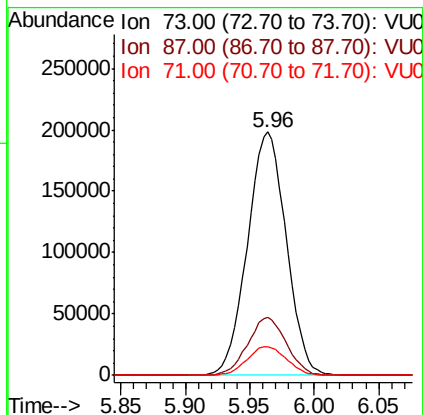
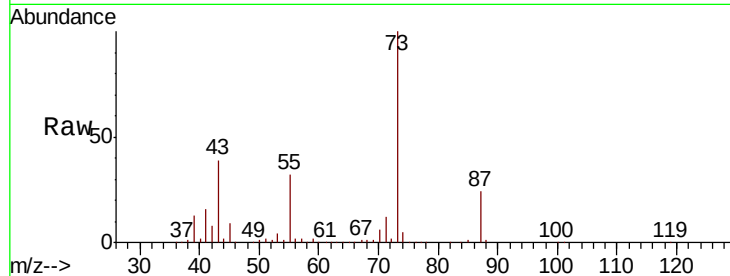




#33
Tert-Butyl methyl ether
Concen: 9.759 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

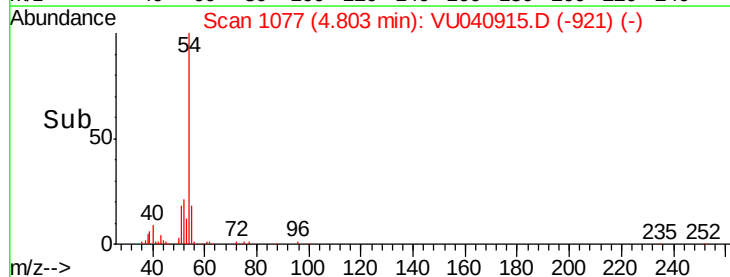
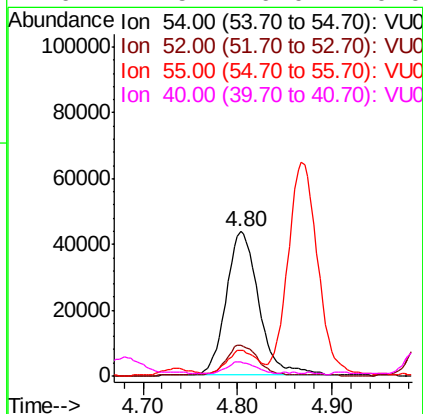
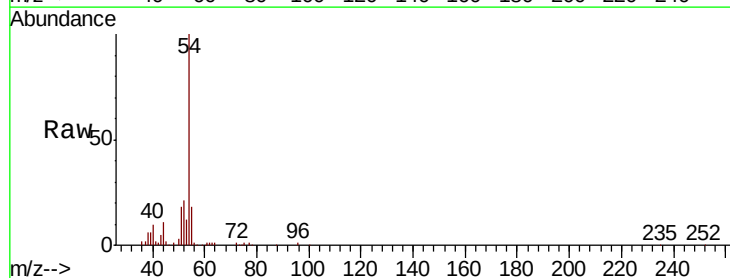
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

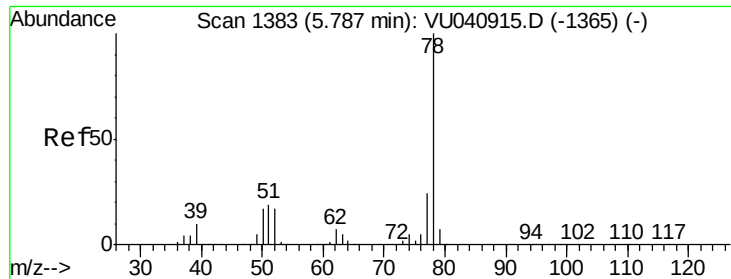
Tot Ion: 73 Resp: 413776
Ion Ratio Lower Upper
73 100
87 23.7 19.0 28.4
71 12.1 9.7 14.5



#34
Propionitrile
Concen: 61.345 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 54 Resp: 104293
Ion Ratio Lower Upper
54 100
52 19.4 15.5 23.3
55 15.6 12.5 18.7
40 7.5 6.0 9.0





#35

Benzene

Concen: 11.541 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

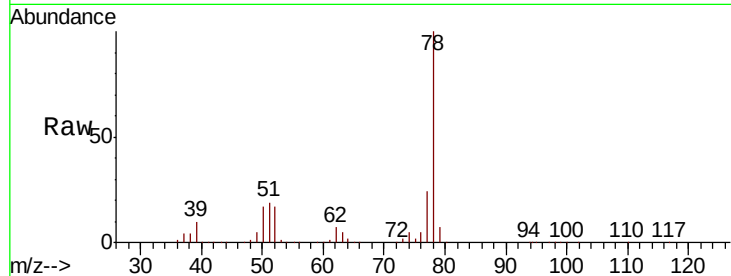
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 78 Resp: 770109

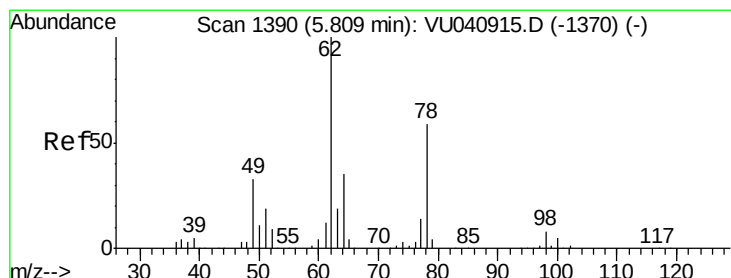
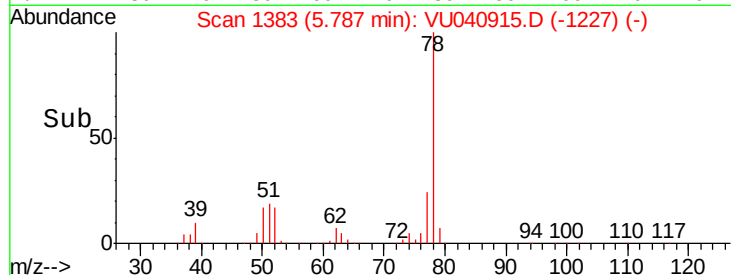
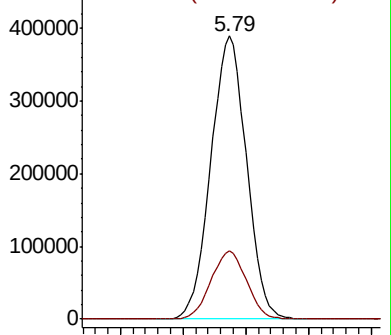
Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040915.D (-1365) (-)



#36

1,2-Dichloroethane

Concen: 10.721 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU040915.D

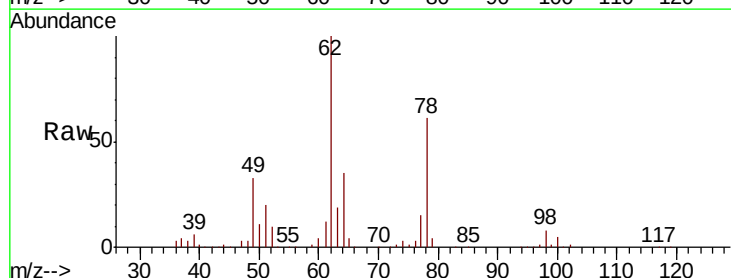
Acq: 22 Oct 2020 20:30

Tgt Ion: 62 Resp: 274504

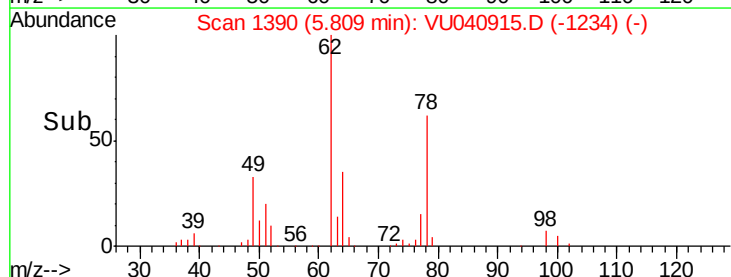
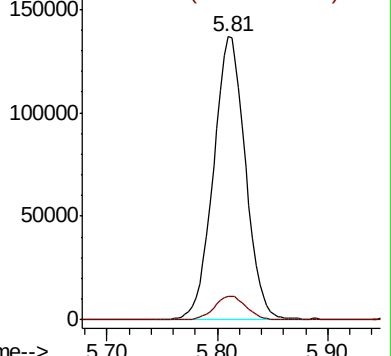
Ion Ratio Lower Upper

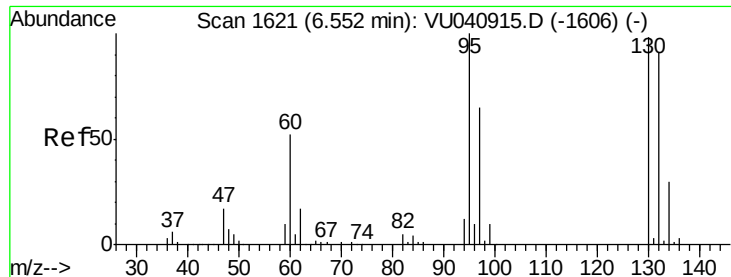
62 100

98 8.4 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040915.D (-1370) (-)

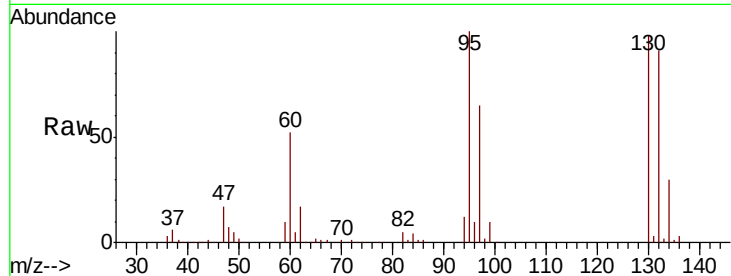




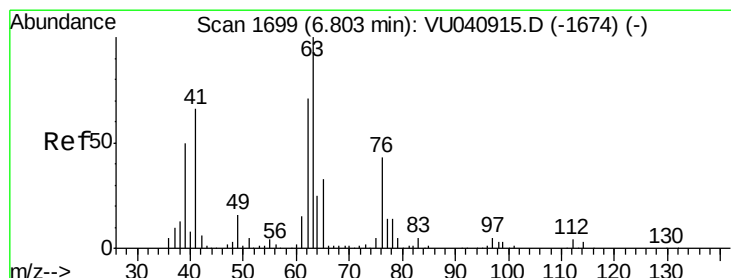
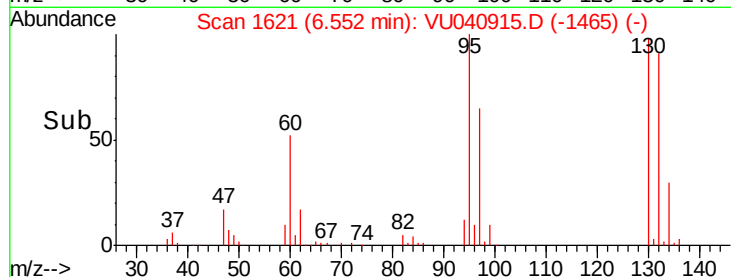
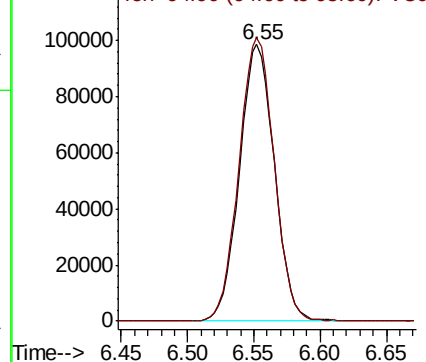
#37
 Trichloroethene
 Concen: 10.795 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:130 Resp: 180529
 Ion Ratio Lower Upper
 130 100
 95 102.4 81.9 122.9

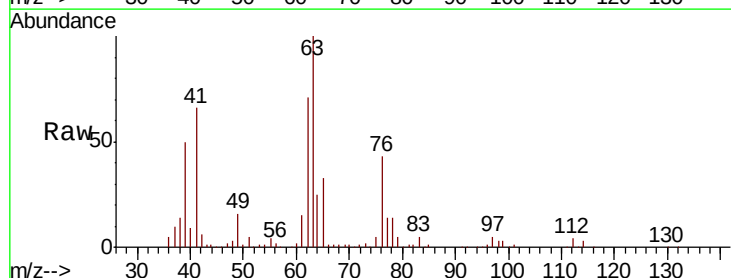


Abundance Ion 129.90 (129.60 to 130.60): VU040915.D (-1606) (-)
 Ion 94.90 (94.60 to 95.60): VU040915.D (-1606) (-)

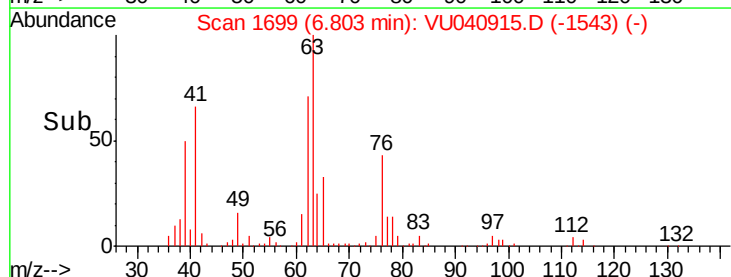
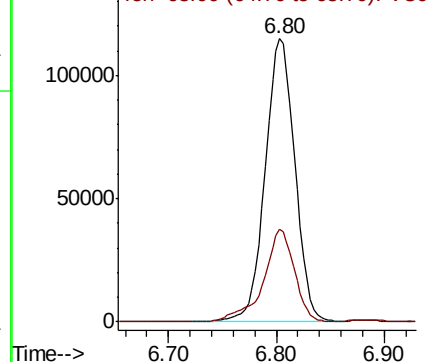


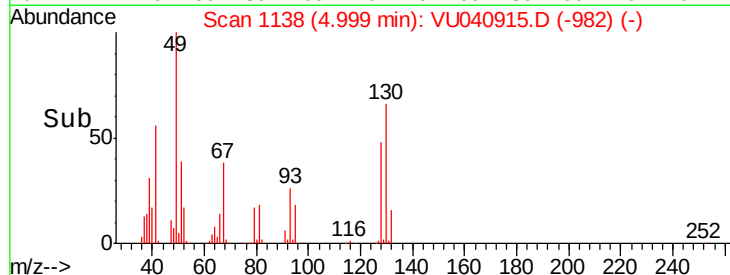
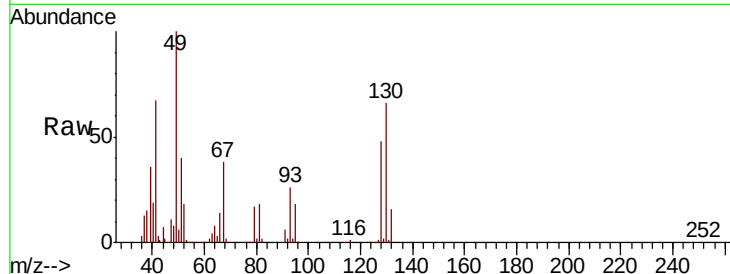
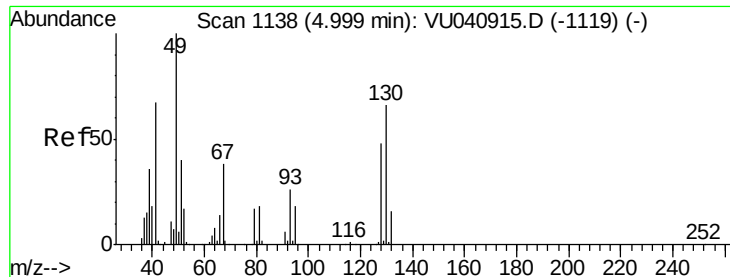
#38
 1,2-Dichloropropane
 Concen: 11.366 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion: 63 Resp: 219066
 Ion Ratio Lower Upper
 63 100
 65 32.7 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-1674) (-)
 Ion 65.00 (64.70 to 65.70): VU040915.D (-1674) (-)





#39

Methacrylonitrile

Concen: 11.066 ug/l

RT: 5.00 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 41 Resp: 99780

Ion Ratio Lower Upper

41 100

67 60.9 48.7 73.1

39 55.8 44.6 67.0

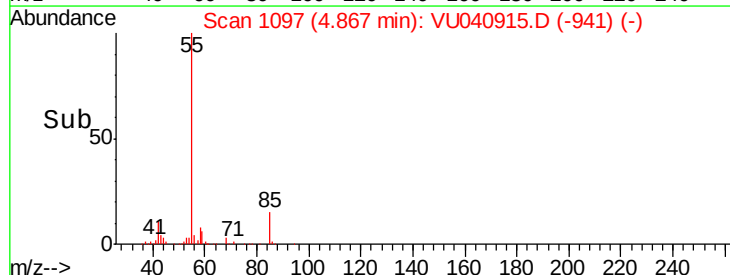
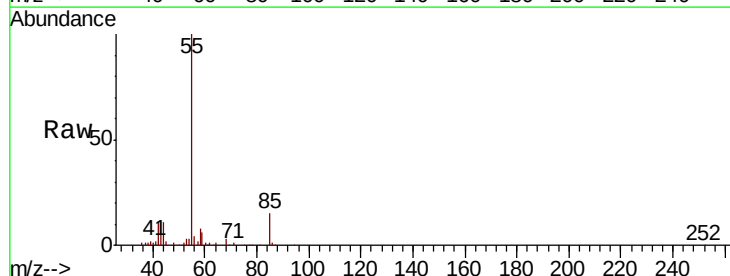
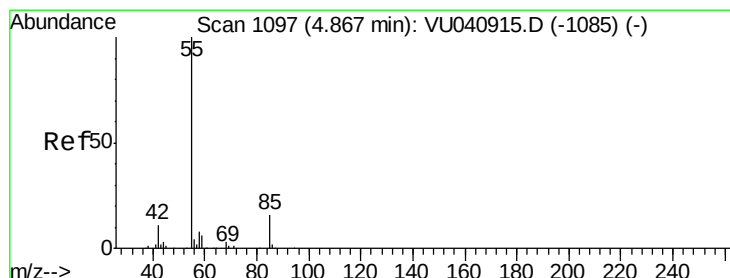
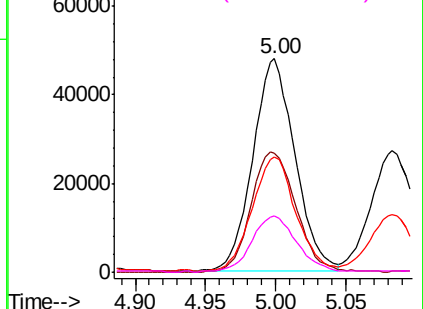
52 29.1 23.3 34.9

Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 11.982 ug/l

RT: 4.87 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion: 55 Resp: 139615

Ion Ratio Lower Upper

55 100

85 15.2 12.2 18.2

58 8.5 6.8 10.2

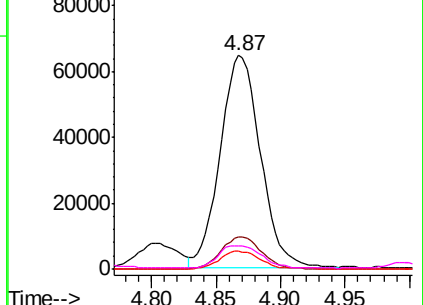
42 11.8 9.4 14.2

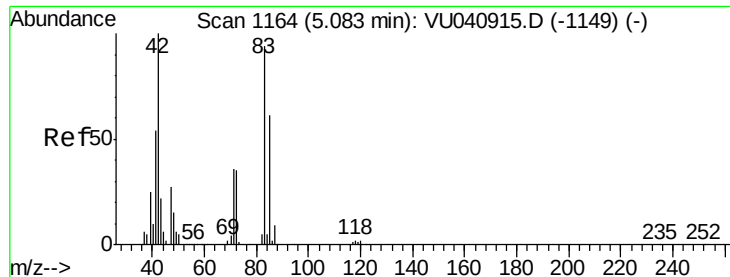
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 22.644 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

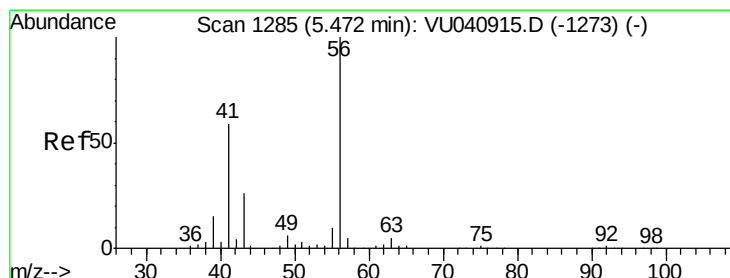
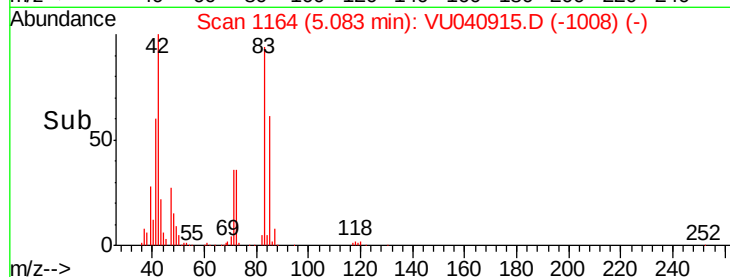
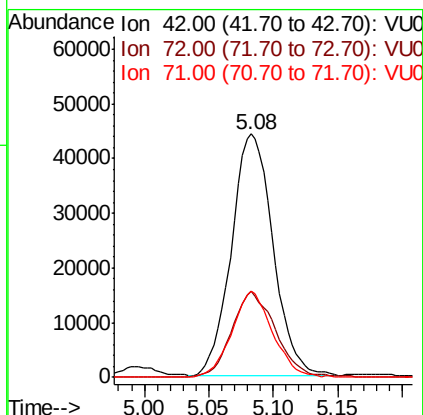
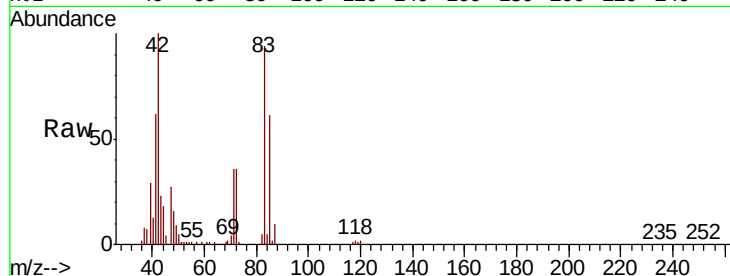
Tot Ion: 42 Resp: 99041

Ion Ratio Lower Upper

42 100

72 37.6 30.1 45.1

71 34.9 27.9 41.9



#42

1-Chlorobutane

Concen: 11.663 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU040915.D

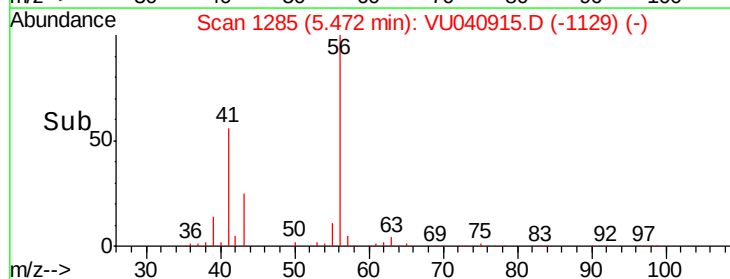
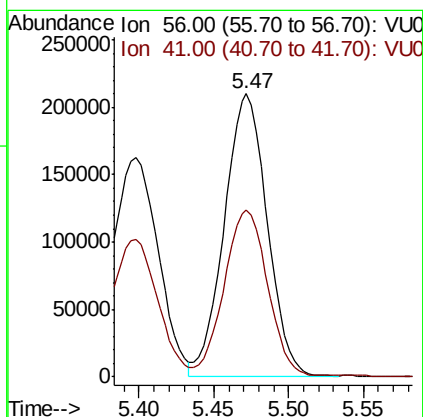
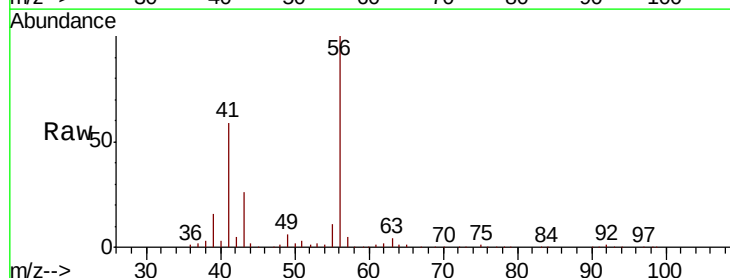
Acq: 22 Oct 2020 20:30

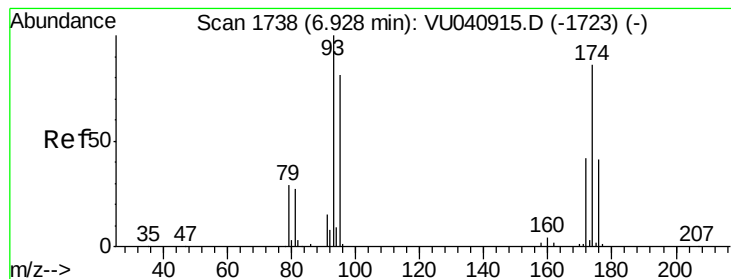
Tgt Ion: 56 Resp: 416854

Ion Ratio Lower Upper

56 100

41 59.2 29.6 88.8





#43

Dibromomethane

Concen: 10.673 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

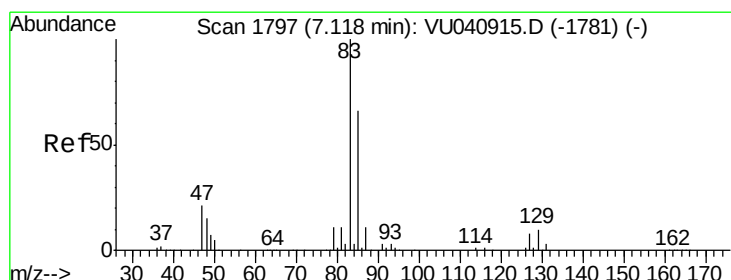
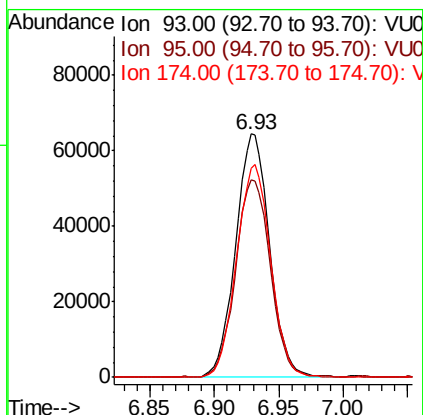
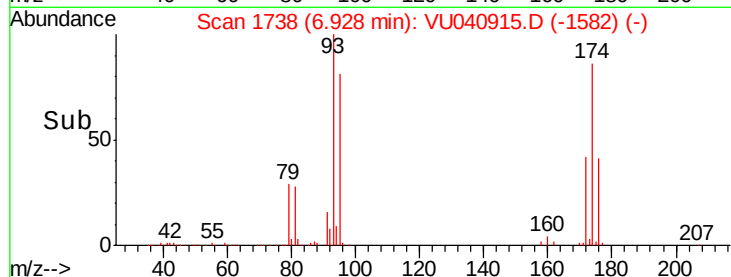
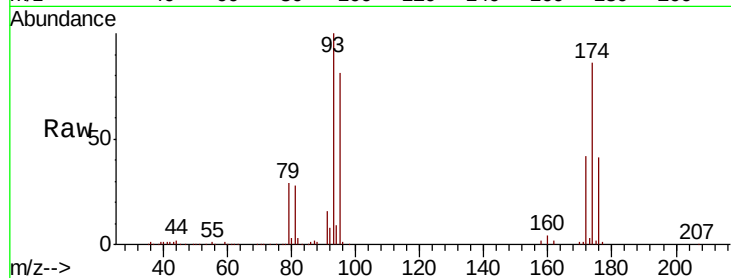
Tot Ion: 93 Resp: 117999

Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 88.0 70.4 105.6



#44

Bromodichloromethane

Concen: 10.632 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

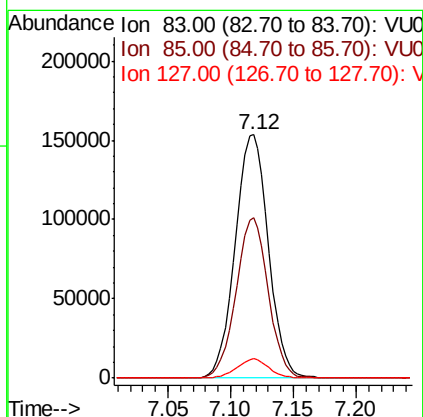
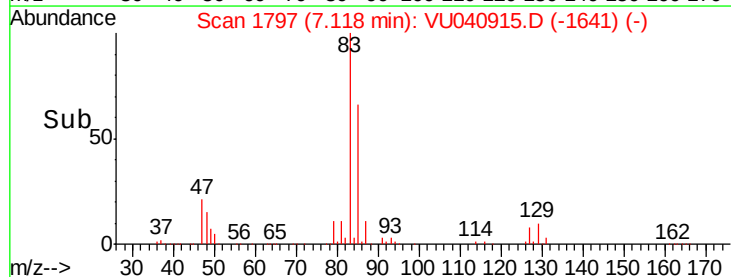
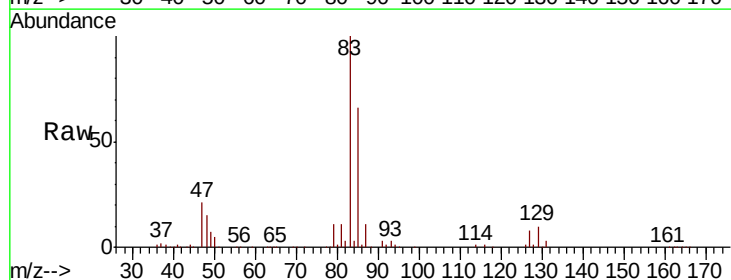
Tgt Ion: 83 Resp: 281558

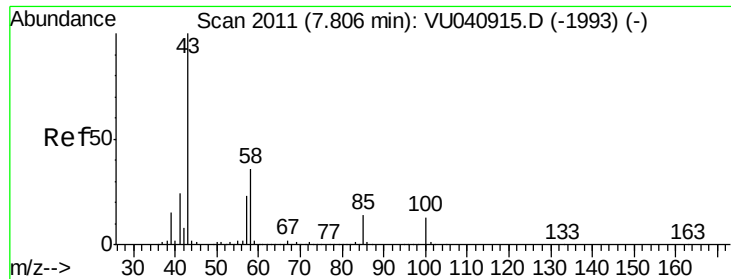
Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8

127 8.0 6.4 9.6

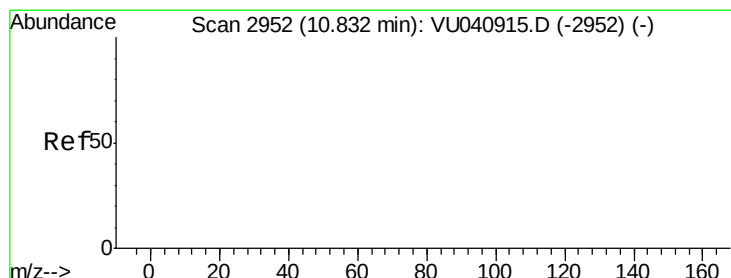
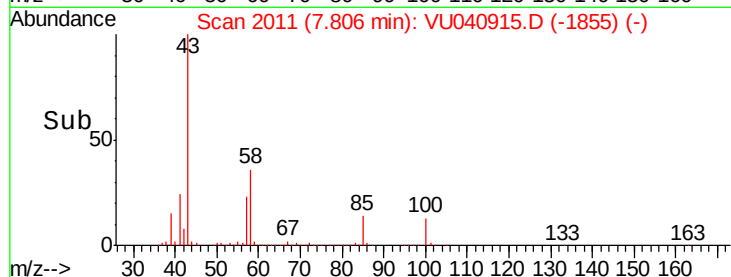
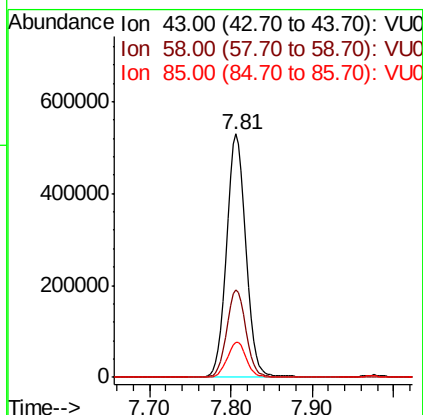
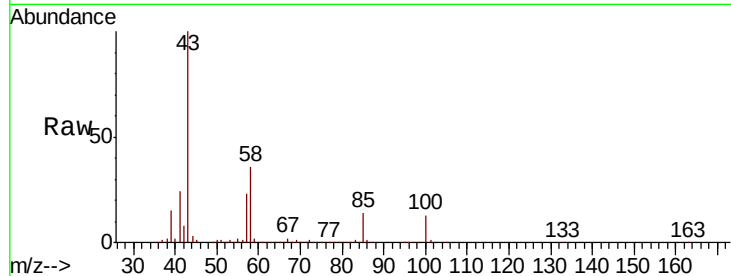




#45
 4-Methyl-2-Pentanone
 Concen: 58.851 ug/l
 RT: 7.81 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

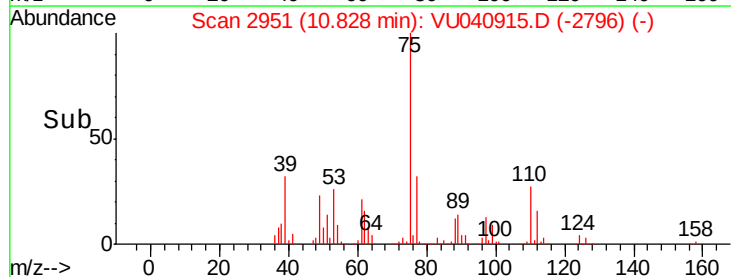
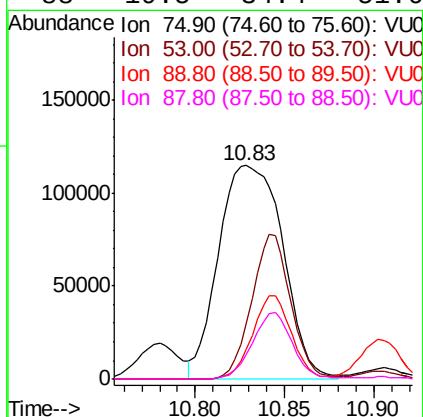
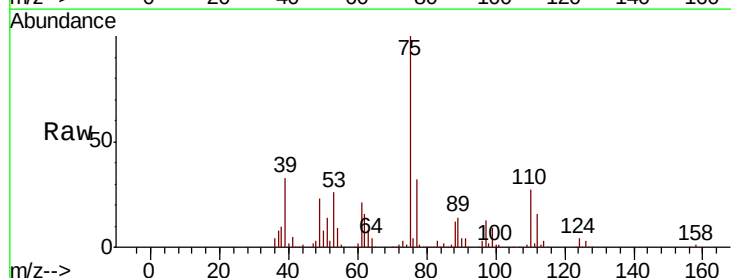
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

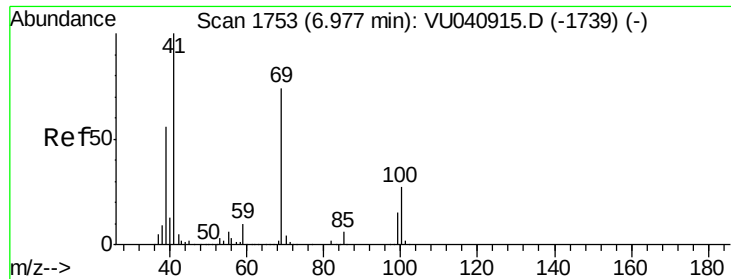
Tot Ion: 43 Resp: 893440
 Ion Ratio Lower Upper
 43 100
 58 35.7 17.8 53.5
 85 14.3 11.4 17.2



#46
 t-1,4-Dichloro-2-butene
 Concen: 50.099 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion: 75 Resp: 287646
 Ion Ratio Lower Upper
 75 100
 53 41.4 73.0 109.4#
 89 23.7 41.7 62.5#
 88 19.5 34.4 51.6#

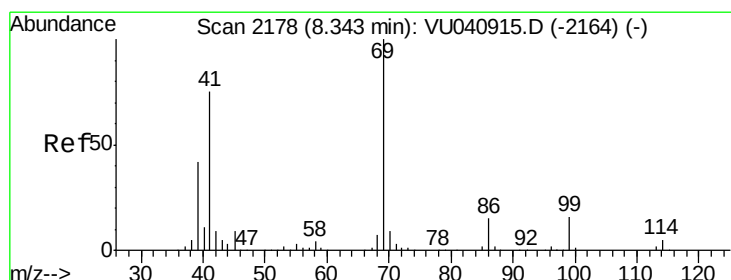
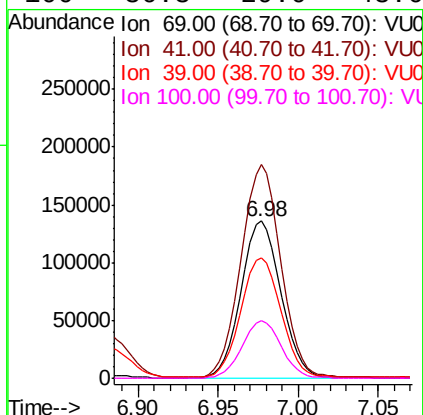
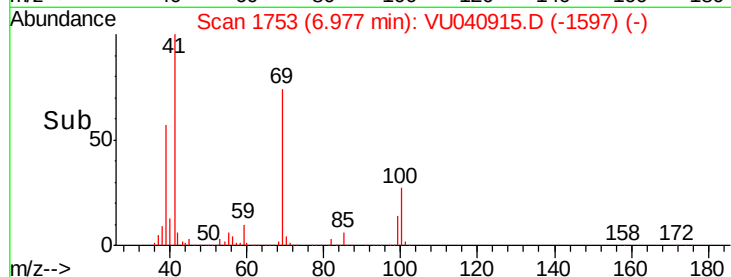
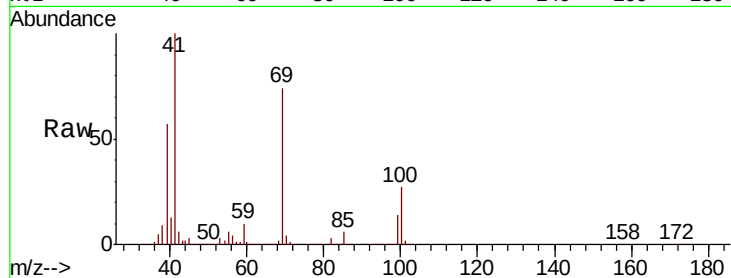




#47
Methvl methacrylate
Concen: 24.171 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

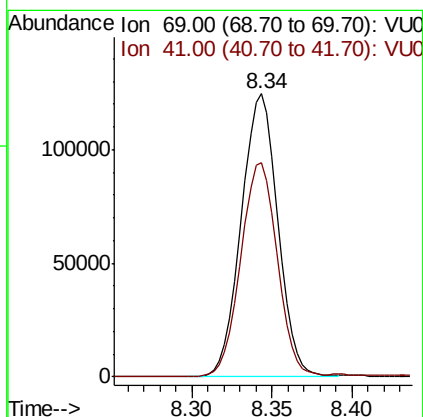
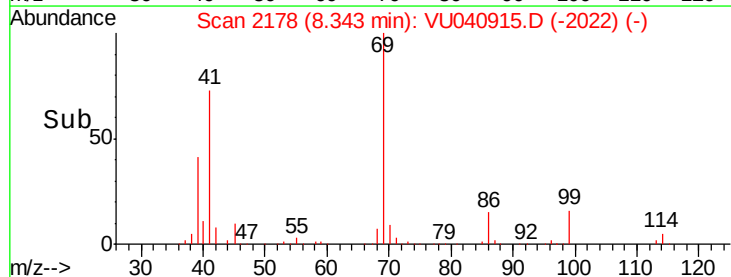
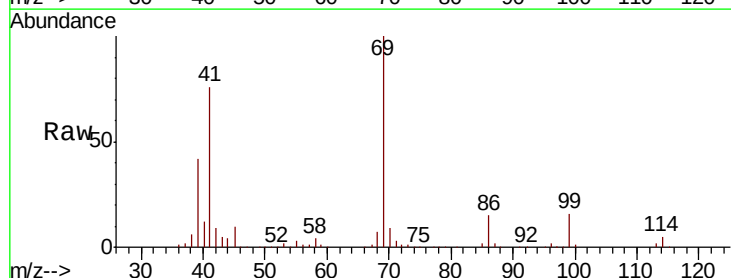
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

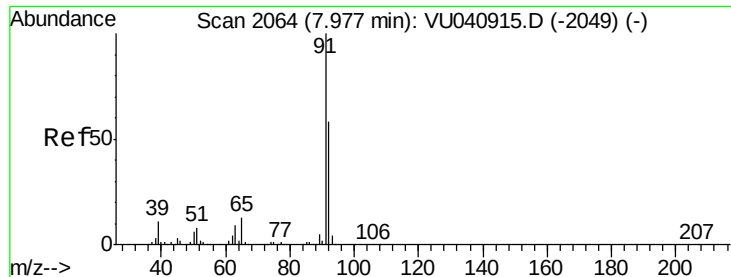
Tot Ion: 69 Resp: 231288
Ion Ratio Lower Upper
69 100
41 135.1 0.0 270.2
39 77.0 61.6 92.4
100 36.3 29.0 43.6



#48
Ethyl methacrylate
Concen: 11.377 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 69 Resp: 194475
Ion Ratio Lower Upper
69 100
41 75.3 37.6 112.9





#49

Toluene

Concen: 11.635 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

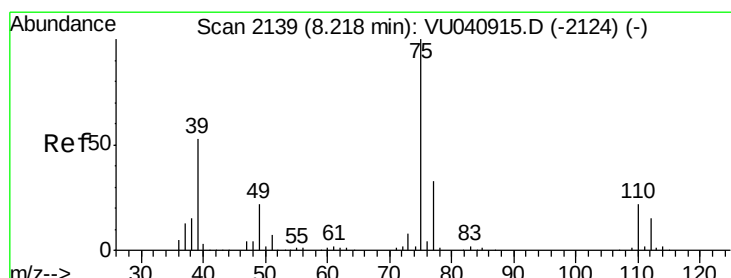
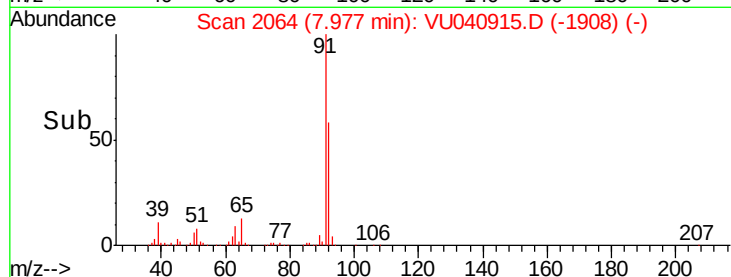
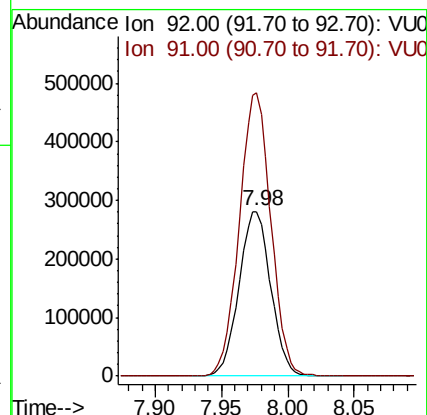
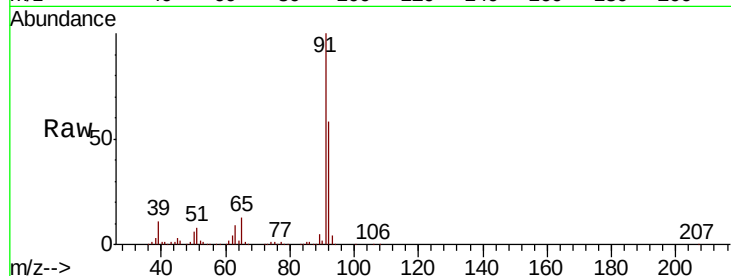
VSTDICCC010

Tot Ion: 92 Resp: 468626

Ion Ratio Lower Upper

92 100

91 171.0 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 10.928 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU040915.D

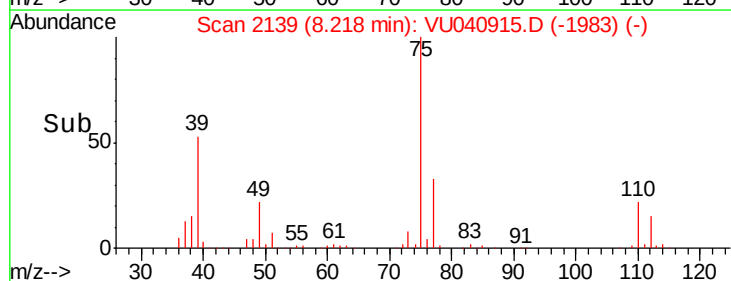
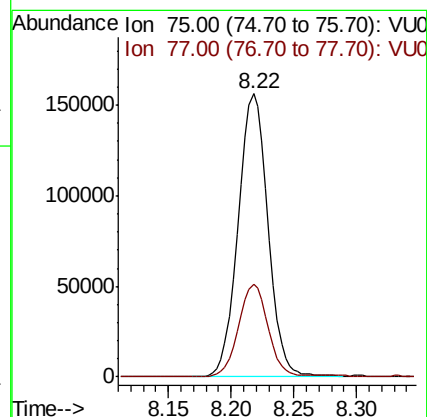
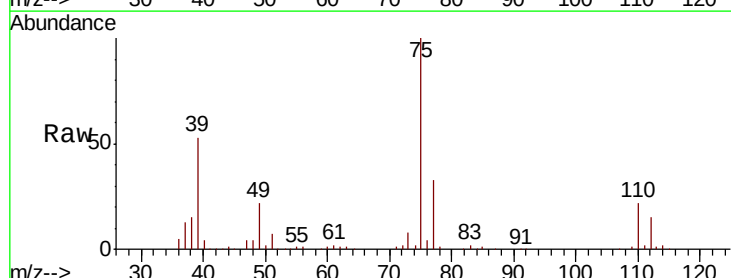
Acq: 22 Oct 2020 20:30

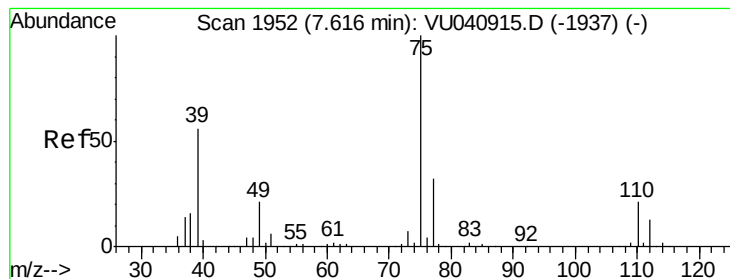
Tgt Ion: 75 Resp: 259078

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4



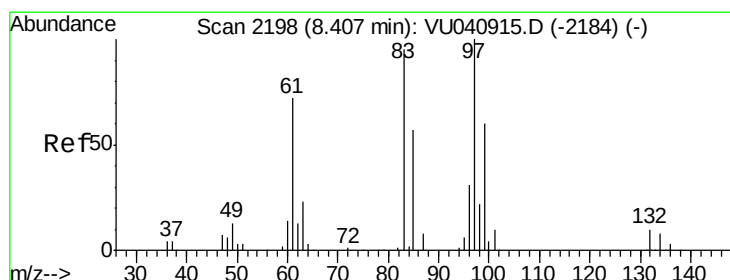
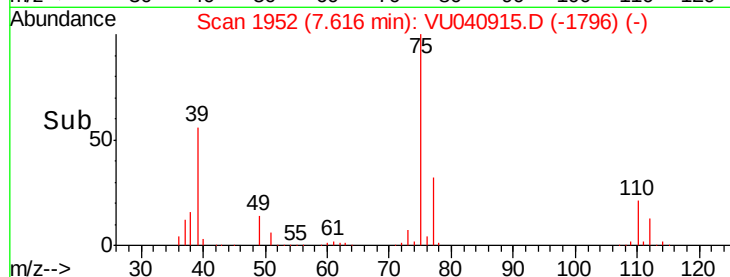
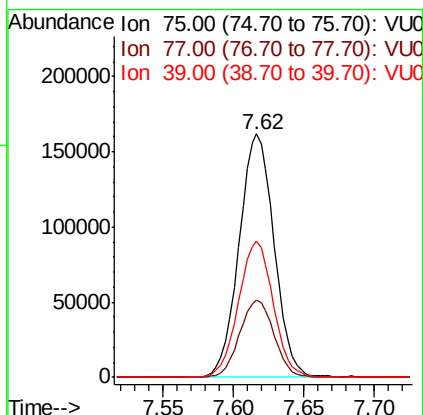
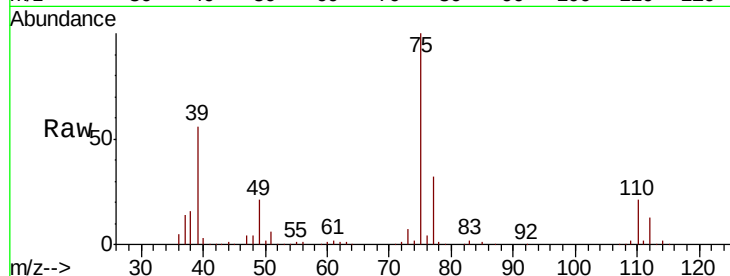


#51

cis-1,3-Dichloropropene
Concen: 10.710 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

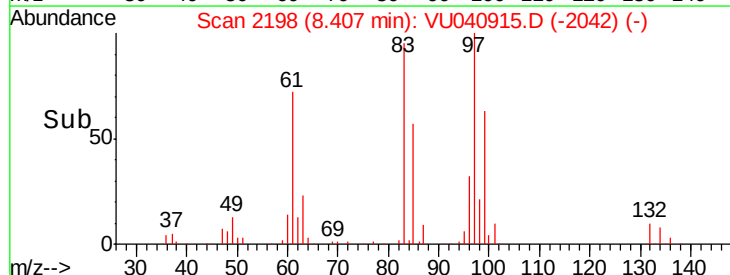
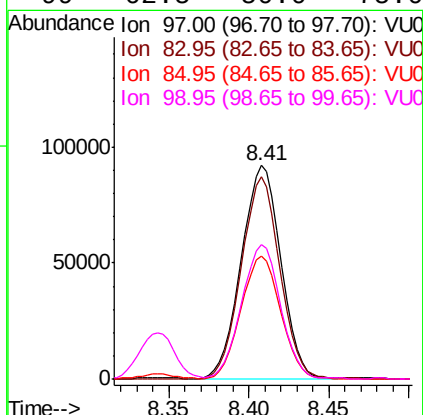
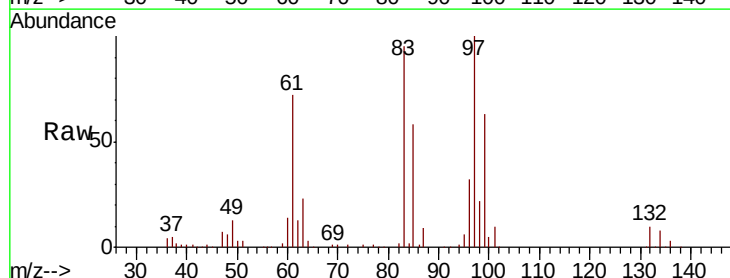
Tot Ion: 75 Resp: 282033
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 55.9 44.7 67.1

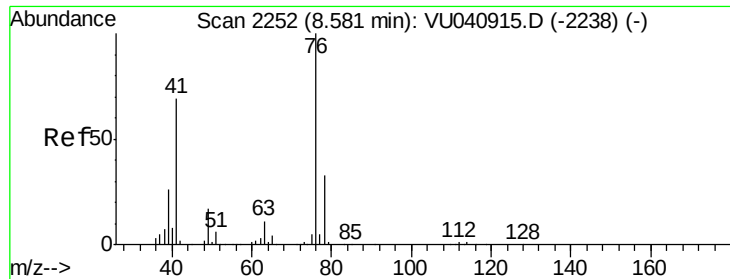


#52

1,1,2-Trichloroethane
Concen: 10.949 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 97 Resp: 155254
Ion Ratio Lower Upper
97 100
83 94.9 75.9 113.9
85 57.6 46.1 69.1
99 62.5 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.114 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

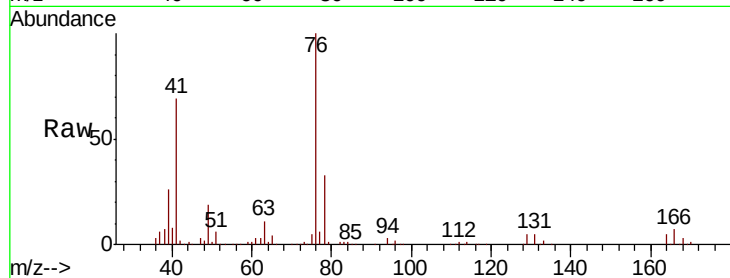
VSTDICCC010

Tot Ion: 76 Resp: 283069

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



Abundance Ion 76.00 (75.70 to 76.70): VU040915.D (-2238) (-)

Ion 78.00 (77.70 to 78.70): VU040915.D (-2238) (-)

8.58

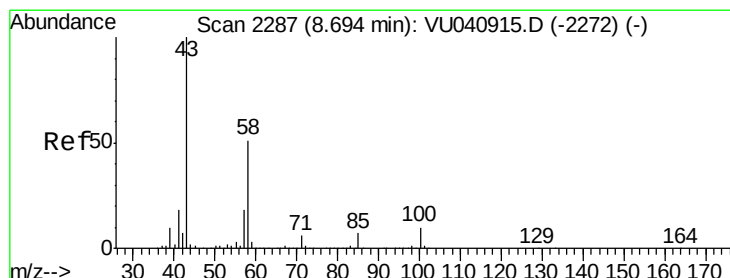
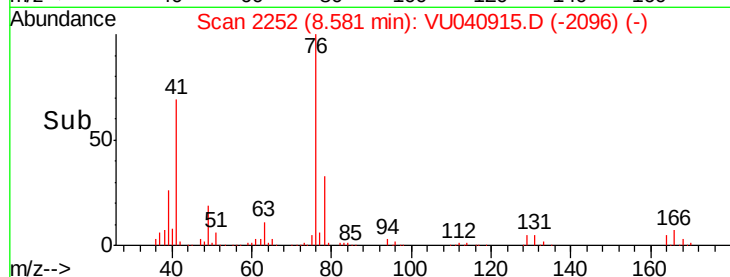
150000

100000

50000

0

Time-->



#54

2-Hexanone

Concen: 56.875 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

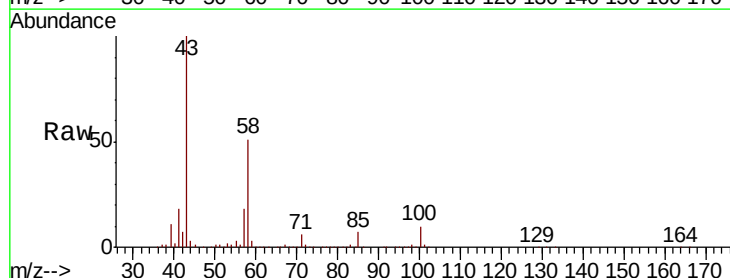
Tgt Ion: 43 Resp: 621303

Ion Ratio Lower Upper

43 100

58 50.2 30.2 70.2

57 17.4 0.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VU040915.D (-2272) (-)

Ion 58.00 (57.70 to 58.70): VU040915.D (-2272) (-)

Ion 57.00 (56.70 to 57.70): VU040915.D (-2272) (-)

8.69

500000

400000

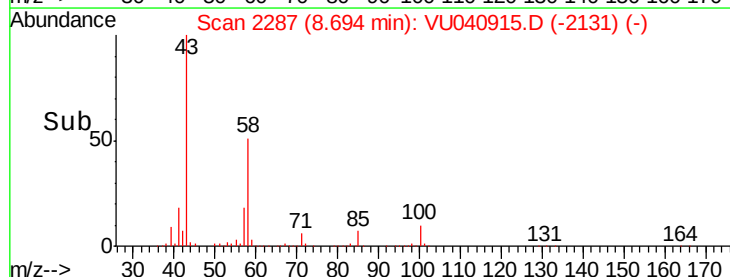
300000

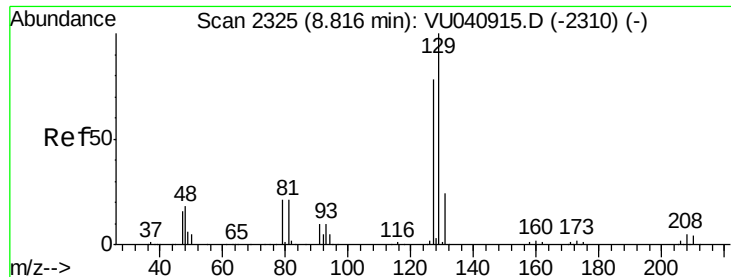
200000

100000

0

Time-->

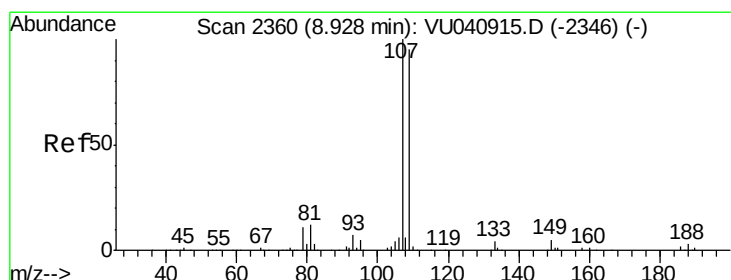
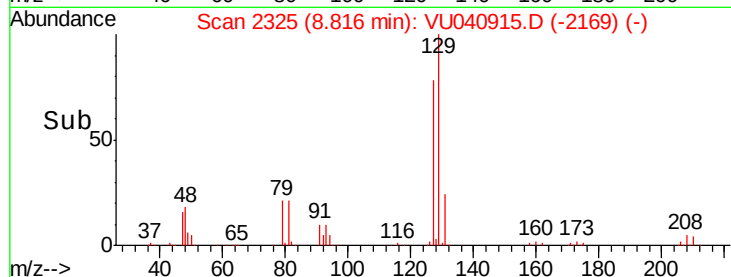
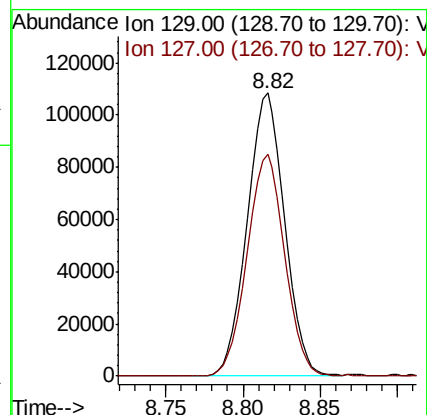
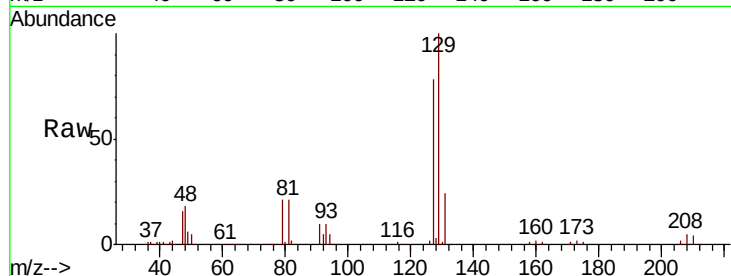




#55
 Dibromochloromethane
 Concen: 11.041 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

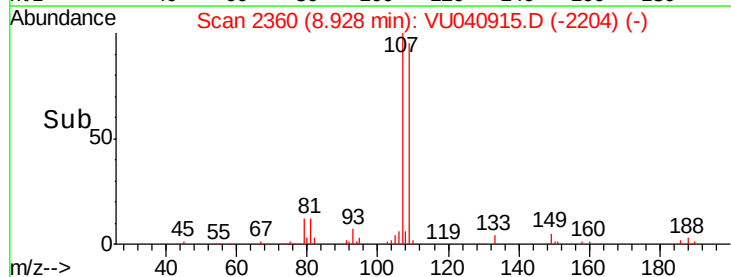
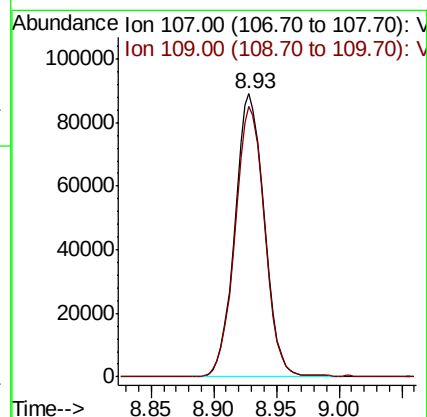
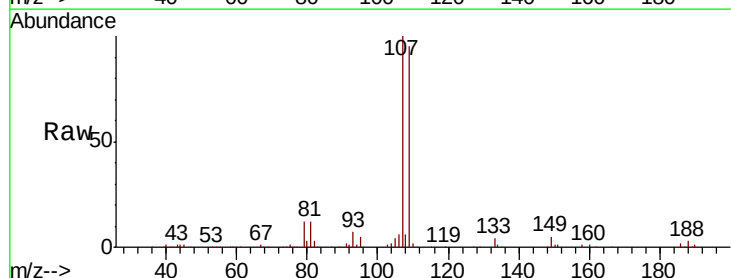
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

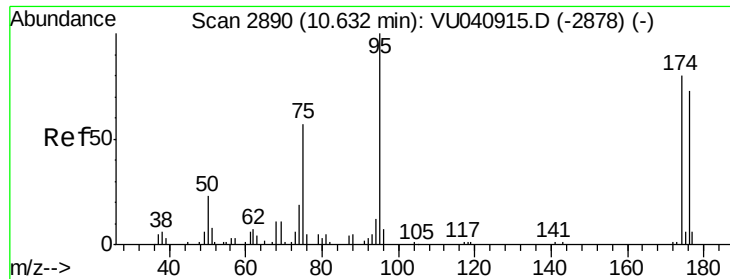
Tot Ion:129 Resp: 182192
 Ion Ratio Lower Upper
 129 100
 127 78.9 63.1 94.7



#56
 1,2-Dibromoethane
 Concen: 11.015 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion:107 Resp: 146050
 Ion Ratio Lower Upper
 107 100
 109 95.2 0.0 190.4

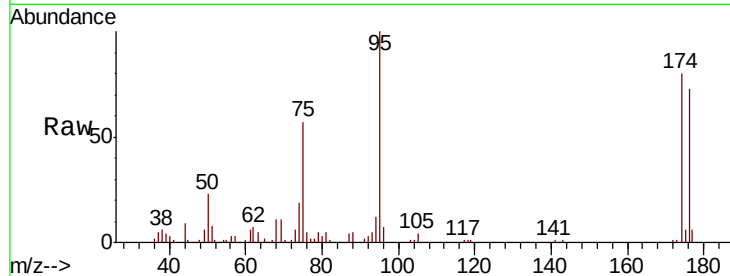




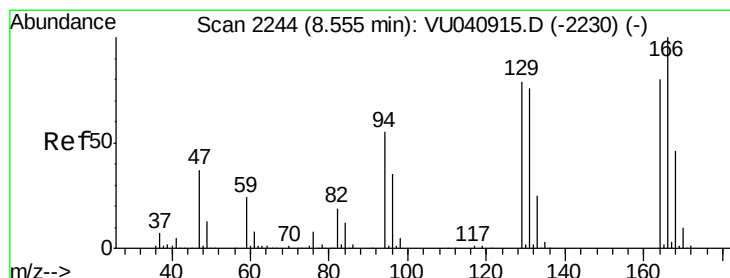
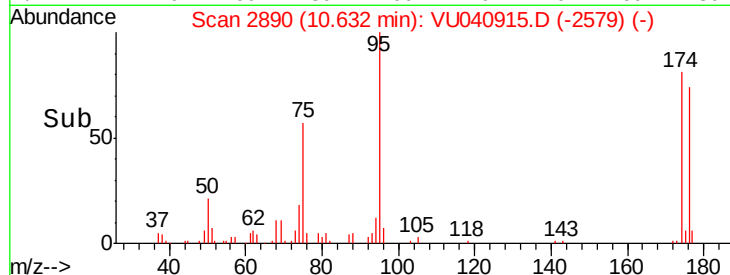
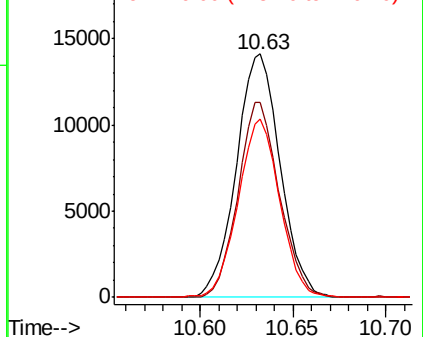
#57
4-Bromofluorobenzene
Concen: 0.953 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 95 Resp: 23161
Ion Ratio Lower Upper
95 100
174 75.4 60.3 90.5
176 69.5 55.6 83.4

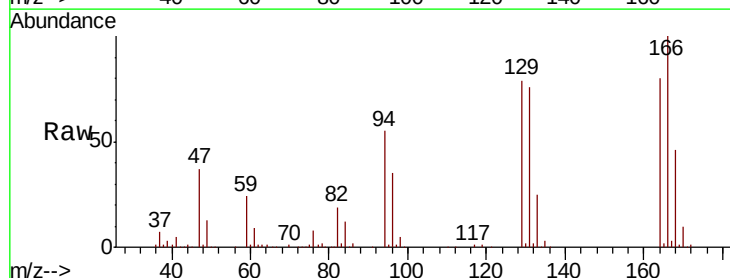


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

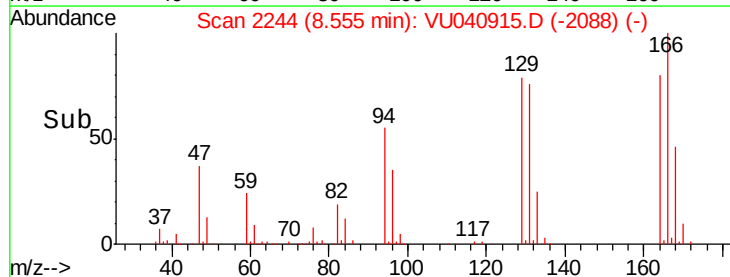
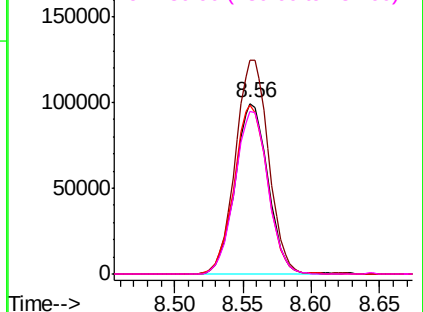


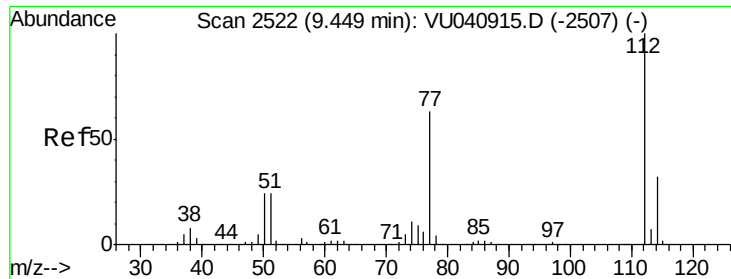
#58
Tetrachloroethene
Concen: 10.337 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 164 Resp: 166358
Ion Ratio Lower Upper
164 100
166 125.4 100.3 150.5
129 99.2 79.4 119.0
131 95.3 76.2 114.4



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 10.721 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

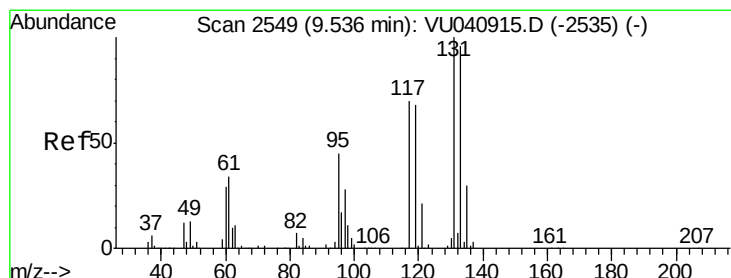
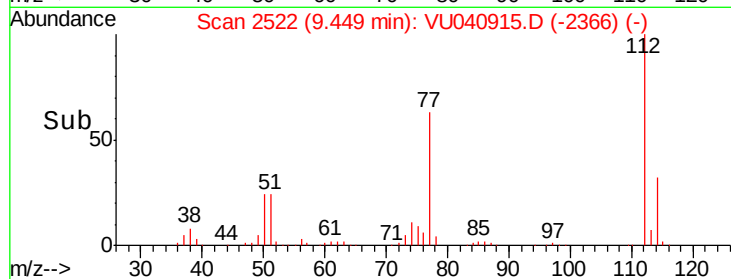
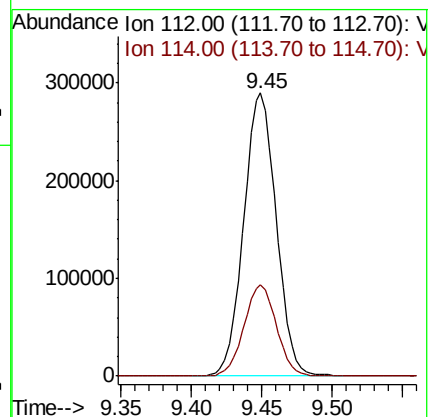
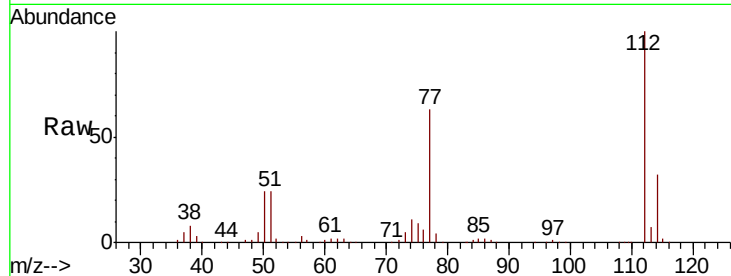
VSTDICCC010

Tot Ion:112 Resp: 469817

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#60

1,1,1,2-Tetrachloroethane

Concen: 10.887 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

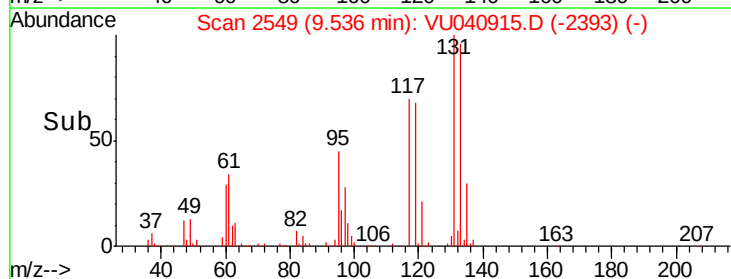
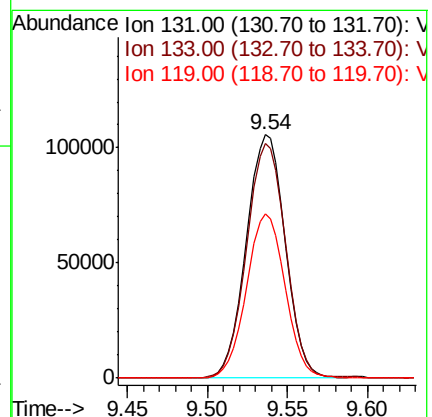
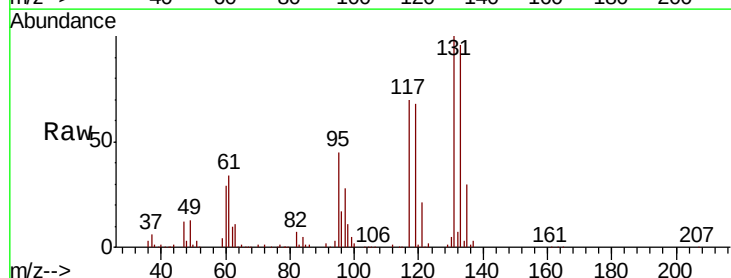
Tgt Ion:131 Resp: 175464

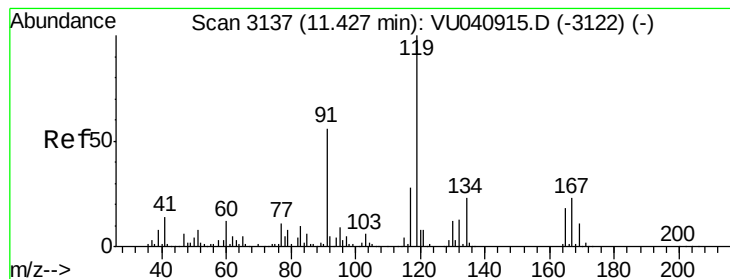
Ion Ratio Lower Upper

131 100

133 96.7 77.4 116.0

119 66.9 53.5 80.3





#61

Pentachloroethane

Concen: 12.194 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

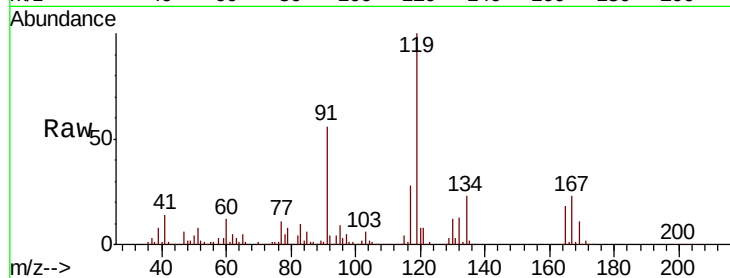
VSTDICCC010

Tot Ion:117 Resp: 138845

Ion Ratio Lower Upper

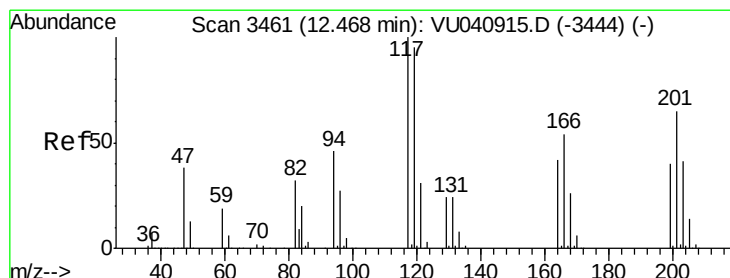
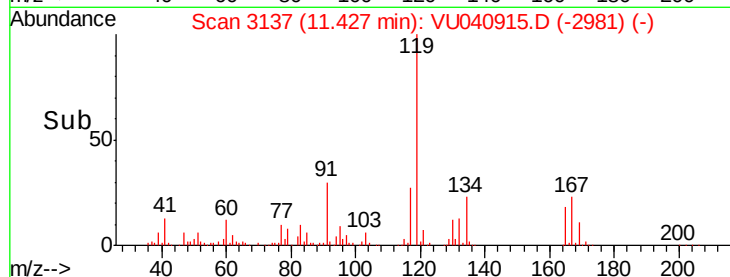
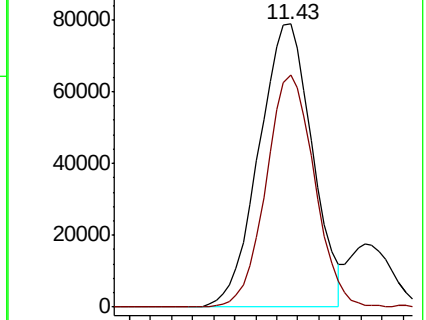
117 100

167 74.3 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.744 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. 0.00 min

Lab File: VU040915.D

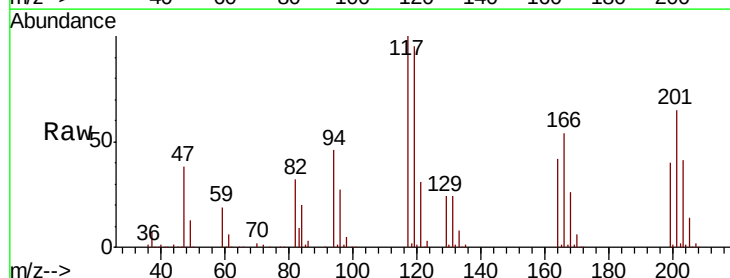
Acq: 22 Oct 2020 20:30

Tgt Ion:117 Resp: 149907

Ion Ratio Lower Upper

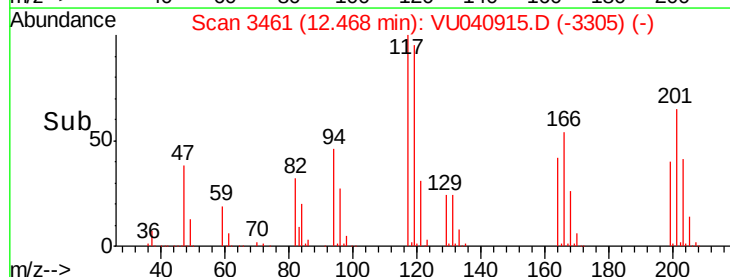
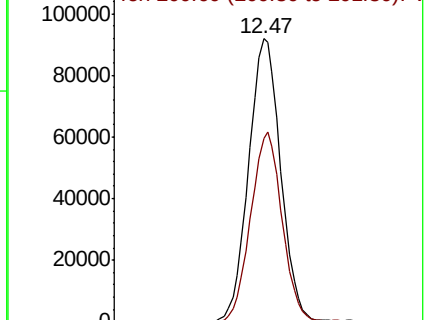
117 100

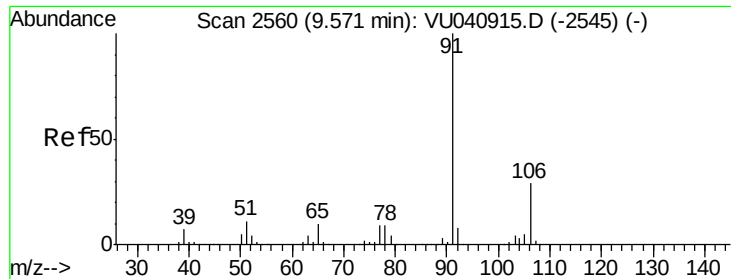
201 65.7 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

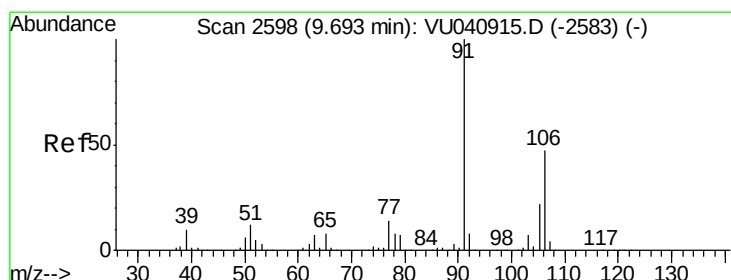
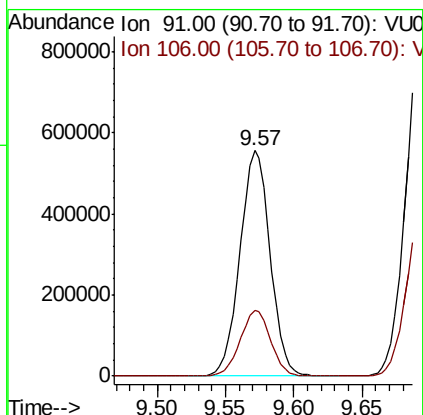
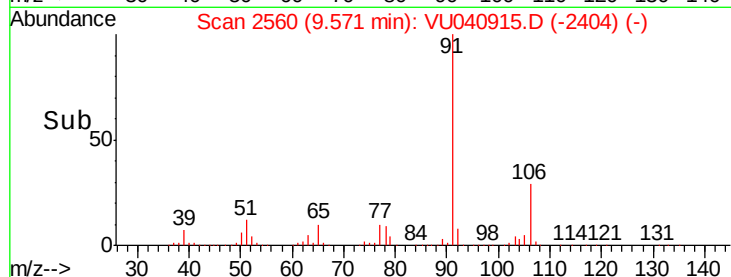
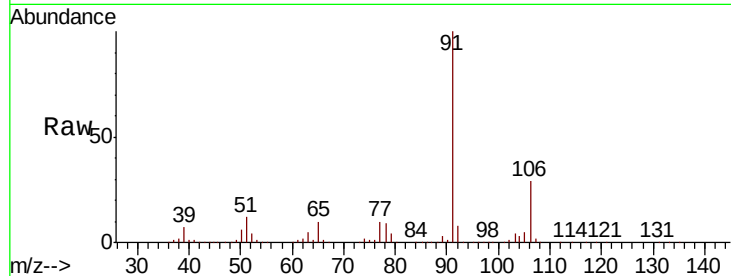




#63
Ethyl Benzene
Concen: 11.385 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

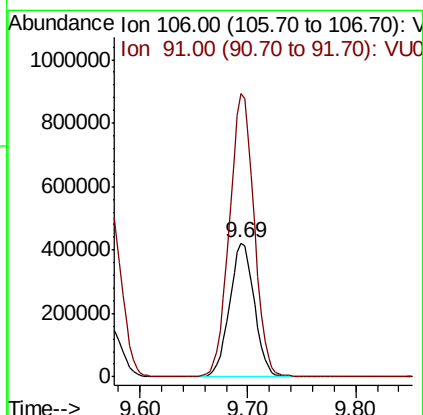
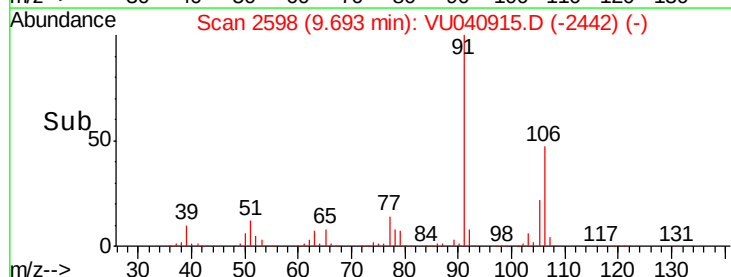
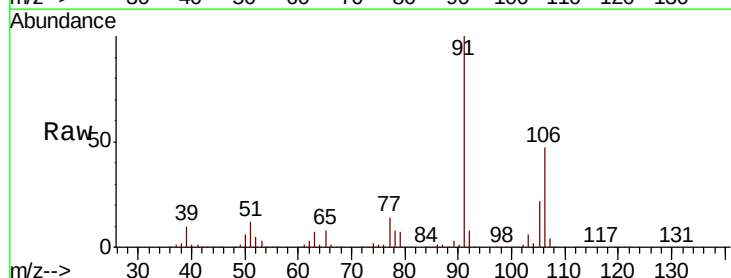
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

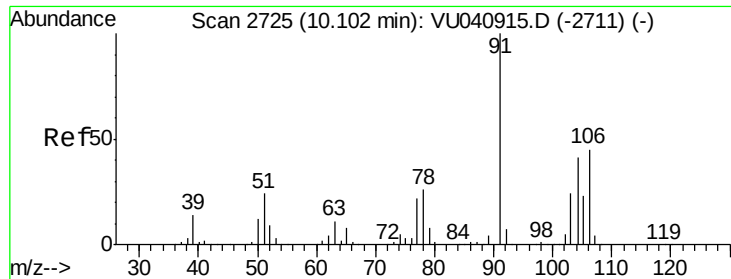
Tot Ion: 91 Resp: 852769
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3



#64
m/p-Xylenes
Concen: 23.976 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 106 Resp: 675497
Ion Ratio Lower Upper
106 100
91 210.4 168.3 252.5

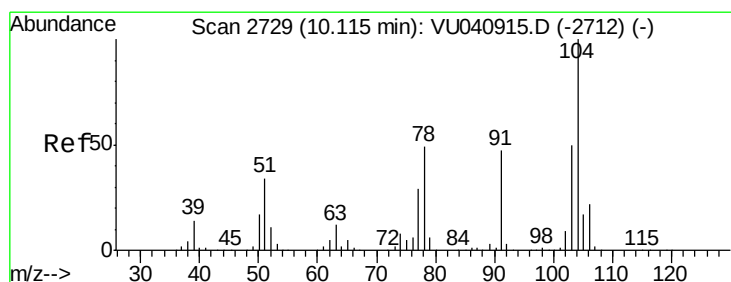
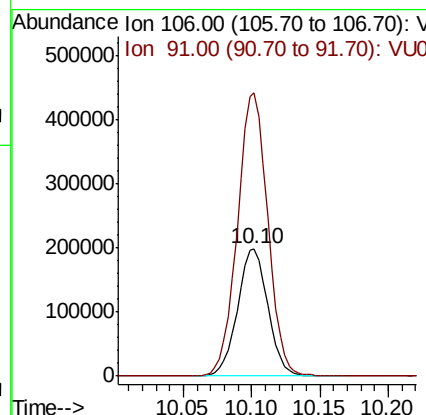
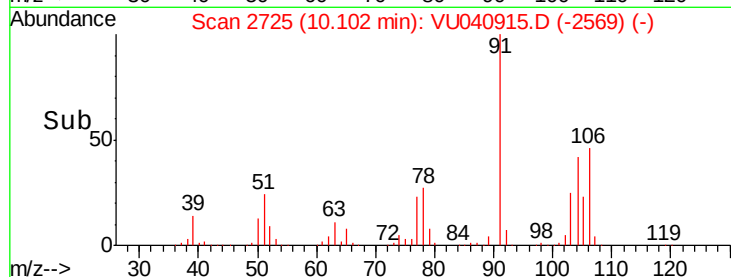
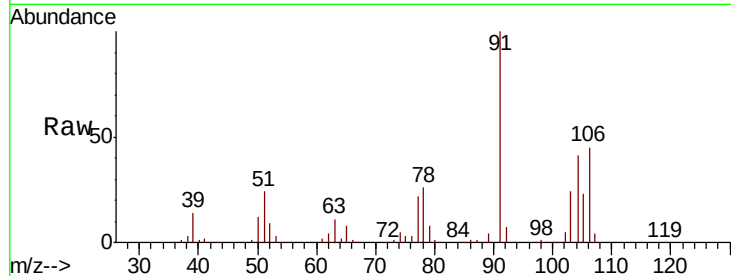




#65
o-Xylene
Concen: 11.341 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

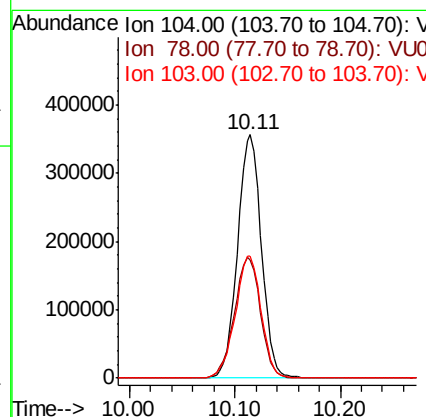
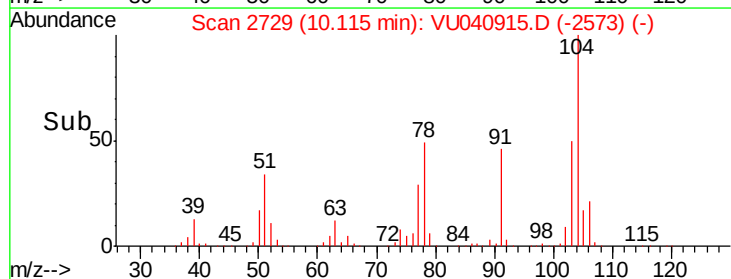
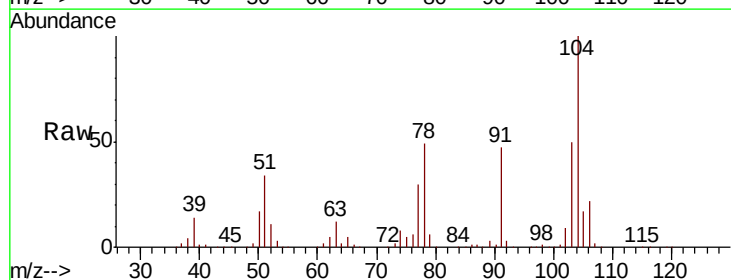
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

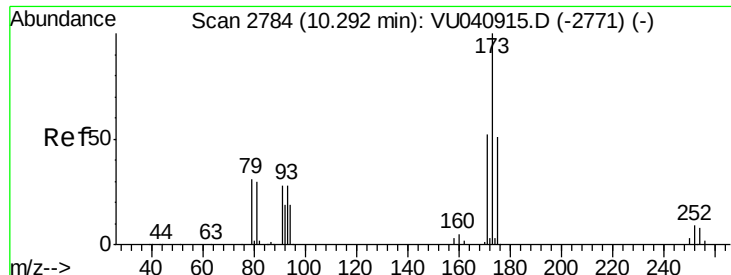
Tot Ion:106 Resp: 305985
Ion Ratio Lower Upper
106 100
91 222.6 111.3 333.9



#66
Styrene
Concen: 11.788 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion:104 Resp: 559246
Ion Ratio Lower Upper
104 100
78 54.2 43.4 65.0
103 53.9 43.1 64.7





#67

Bromoform

Concen: 11.835 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

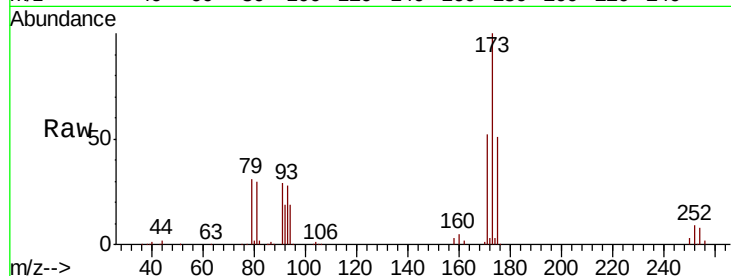
Tot Ion:173 Resp: 101619

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

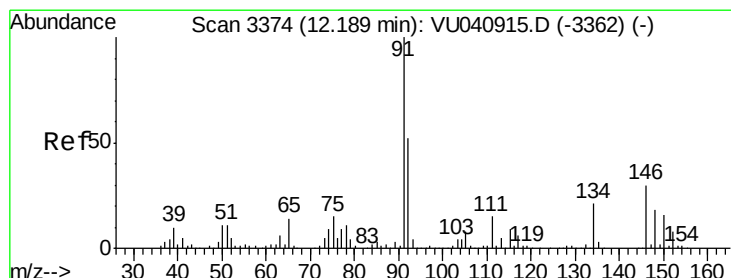
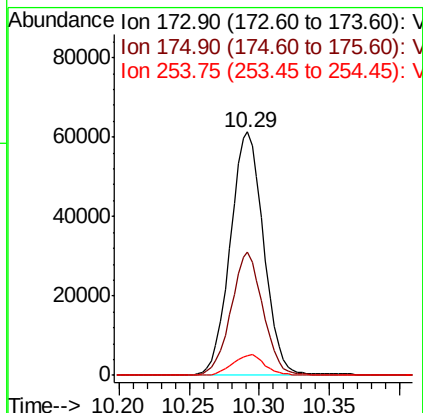
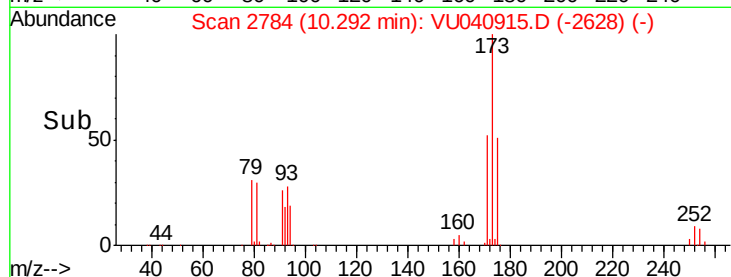
254 8.2 6.6 9.8



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.011 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

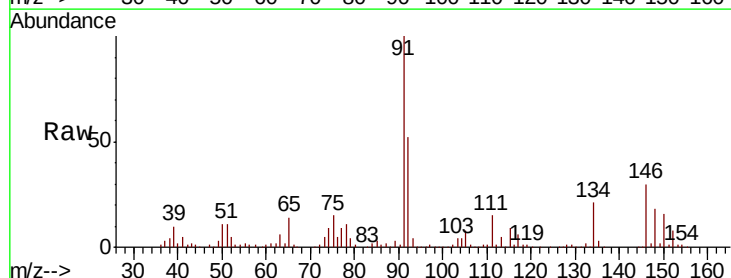
Tgt Ion:152 Resp: 22967

Ion Ratio Lower Upper

152 100

115 161.7 0.0 323.4

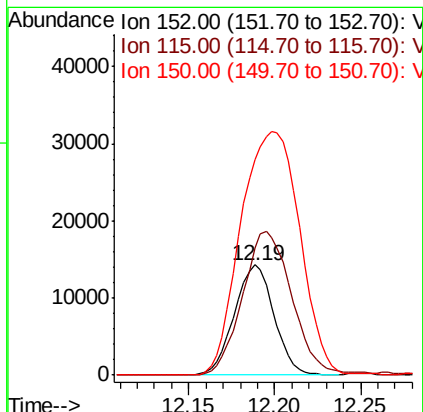
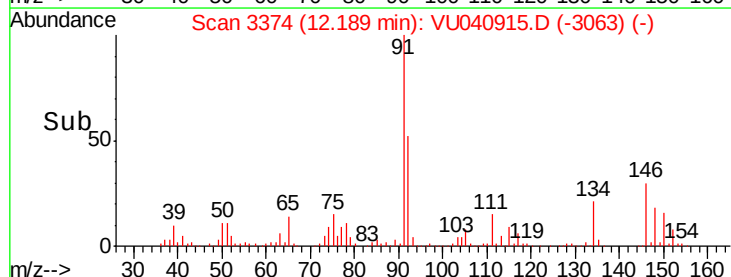
150 326.9 0.0 653.8

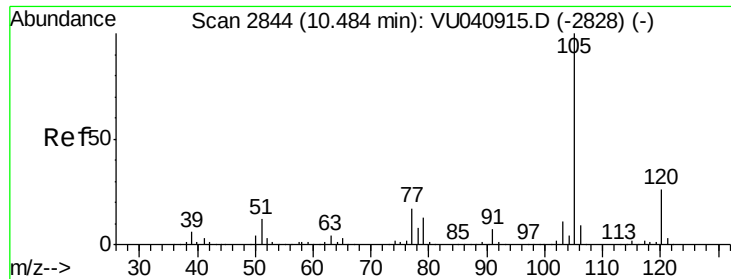


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.958 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

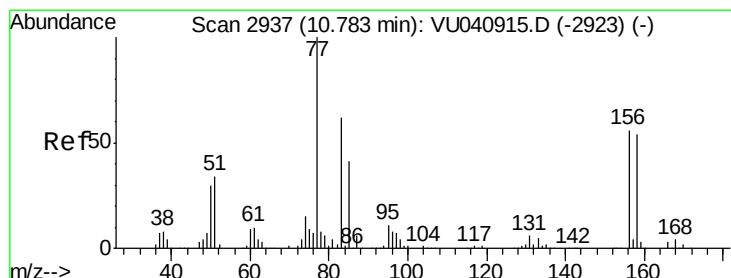
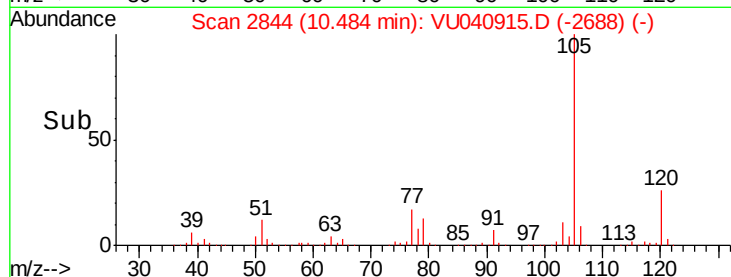
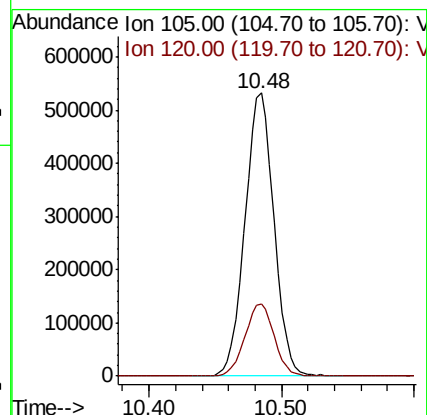
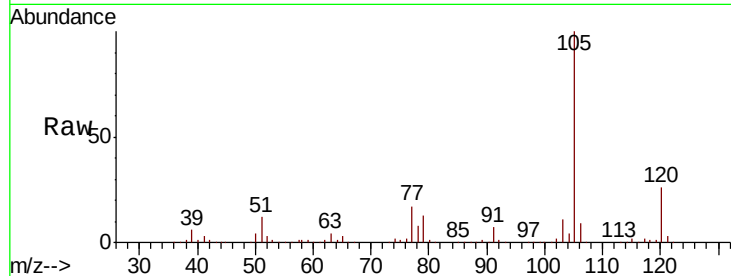
VSTDICCC010

Tot Ion:105 Resp: 807771

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 11.205 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

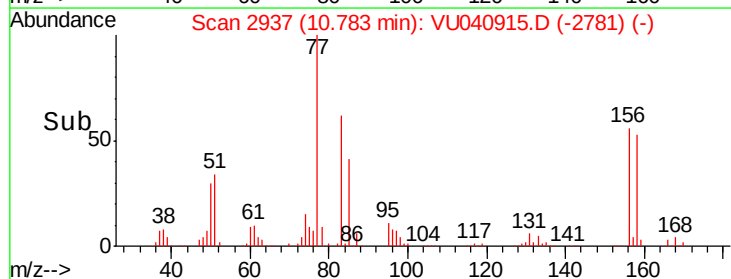
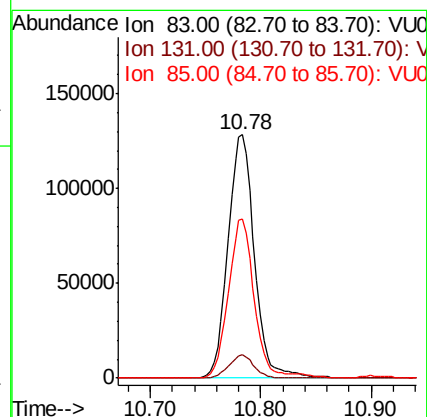
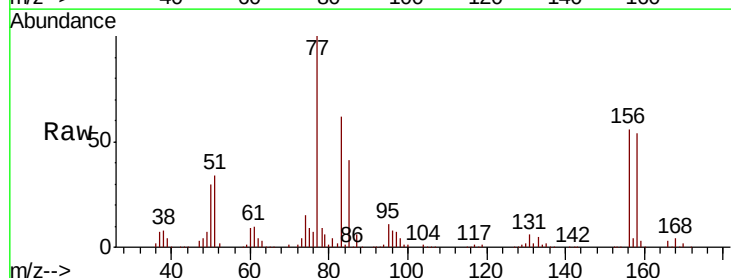
Tgt Ion: 83 Resp: 213064

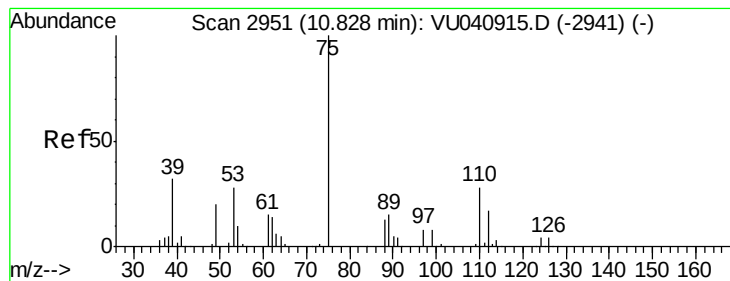
Ion Ratio Lower Upper

83 100

131 8.9 7.1 10.7

85 64.7 51.8 77.6





#71

1,2,3-Trichloropropane

Concen: 19.681 ug/l

RT: 10.83 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 75 Resp: 287646

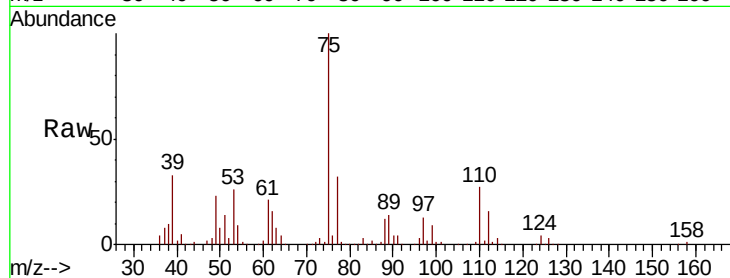
Ion Ratio Lower Upper

75 100

77 30.2 0.0 110.8

110 20.0 0.0 73.4

97 9.8 0.0 36.0

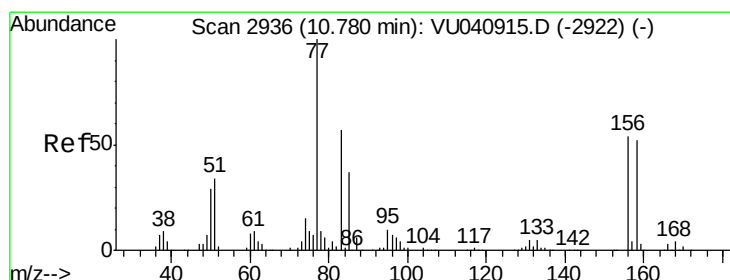
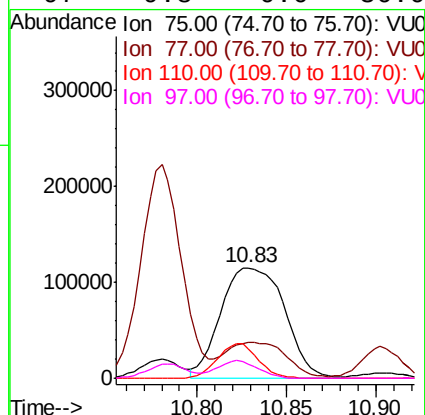
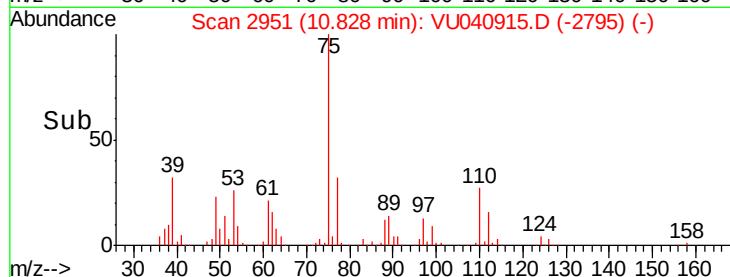


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 11.094 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

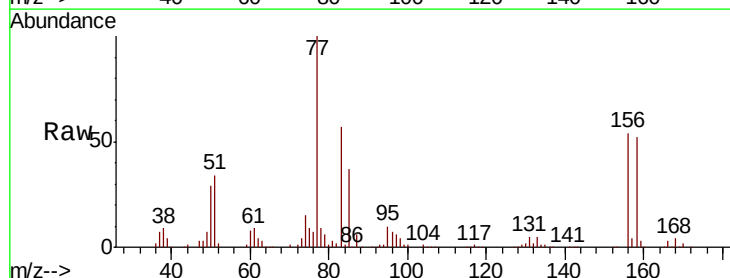
Tgt Ion: 156 Resp: 193800

Ion Ratio Lower Upper

156 100

77 185.1 0.0 370.2

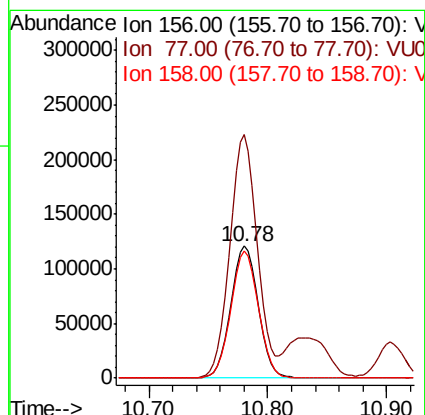
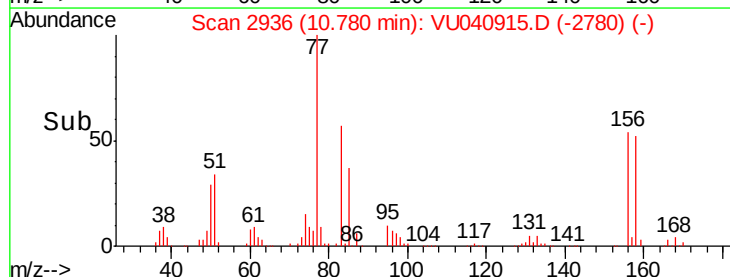
158 96.6 0.0 193.2

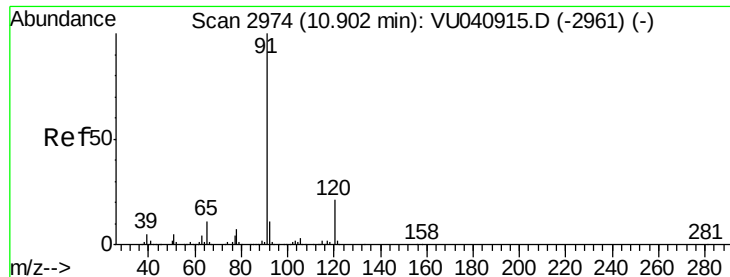


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 11.618 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

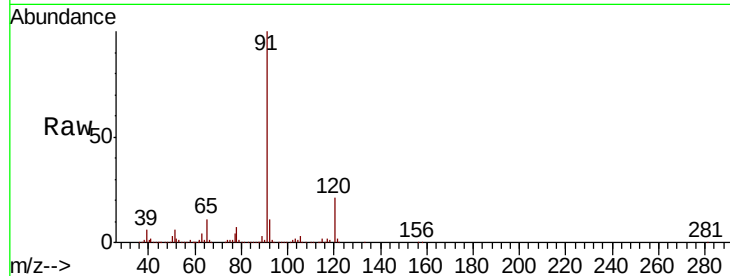
VSTDICCC010

Tot Ion:120 Resp: 237951

Ion Ratio Lower Upper

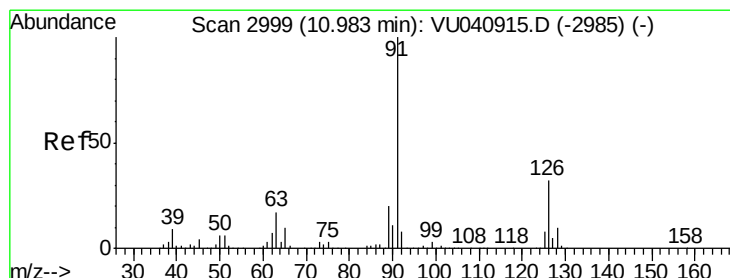
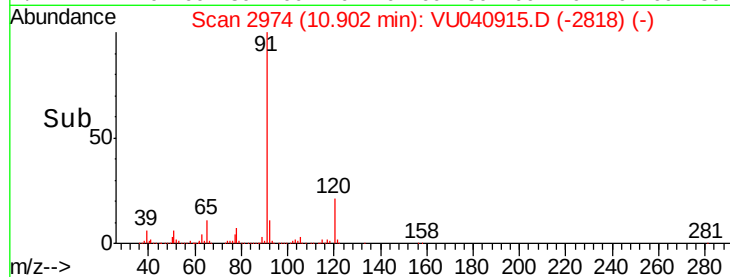
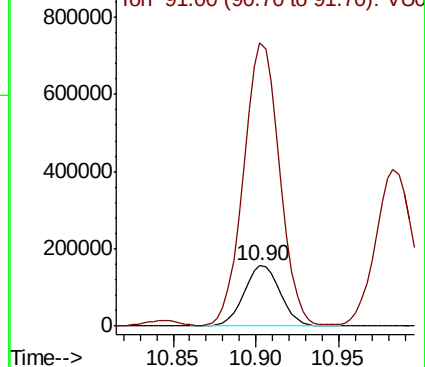
120 100

91 463.5 370.8 556.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.184 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VU040915.D

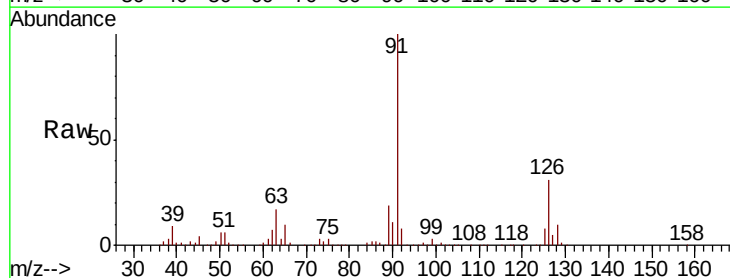
Acq: 22 Oct 2020 20:30

Tgt Ion:126 Resp: 199892

Ion Ratio Lower Upper

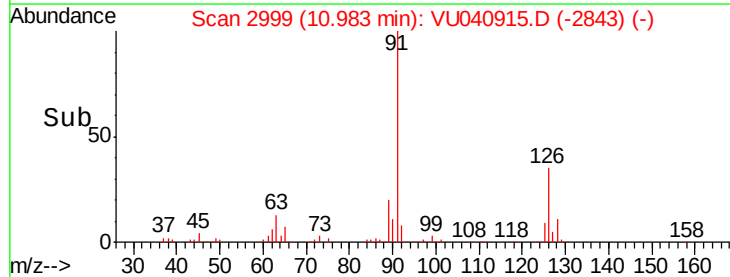
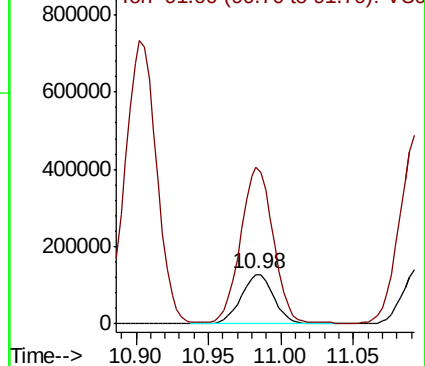
126 100

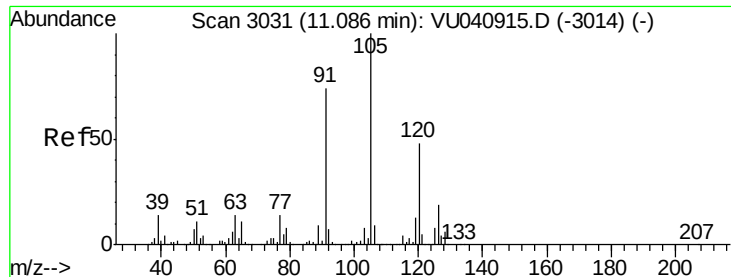
91 316.6 0.0 633.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.384 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

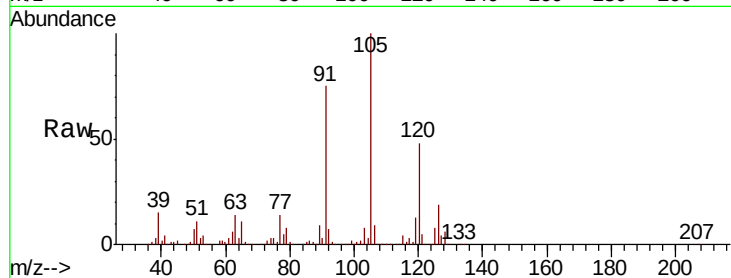
VSTDICCC010

Tot Ion:105 Resp: 736023

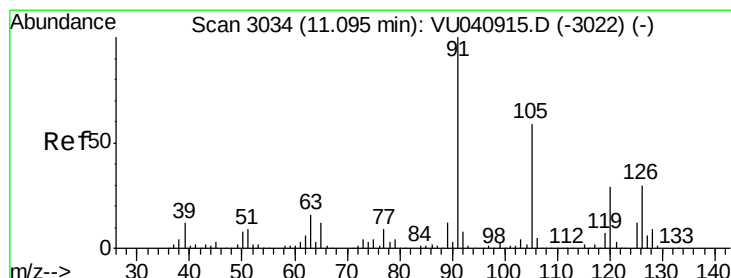
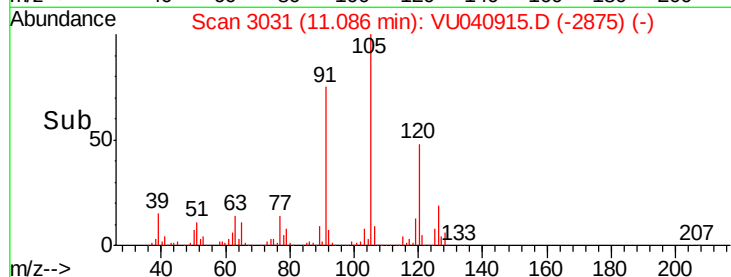
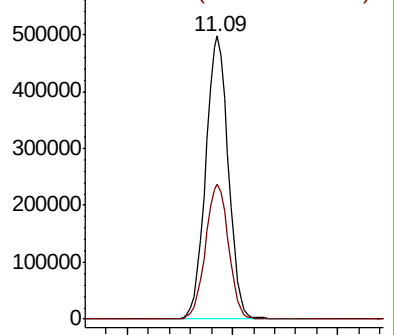
Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V



#76

4-Chlorotoluene

Concen: 11.149 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU040915.D

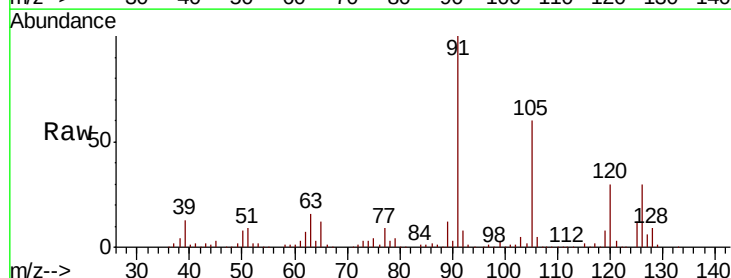
Acq: 22 Oct 2020 20:30

Tgt Ion:126 Resp: 214483

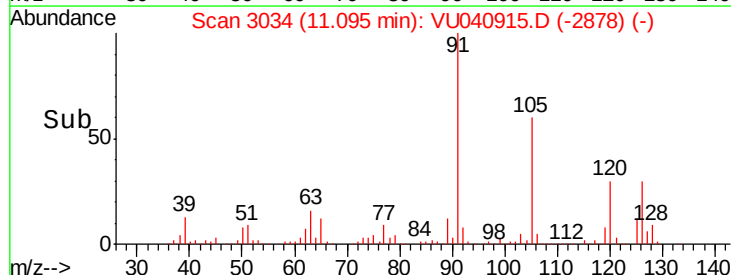
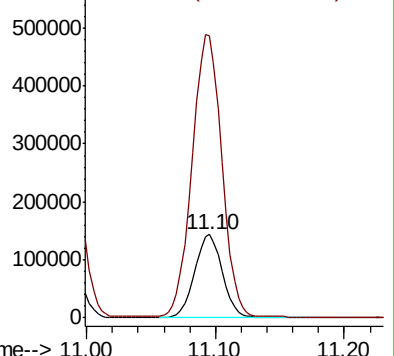
Ion Ratio Lower Upper

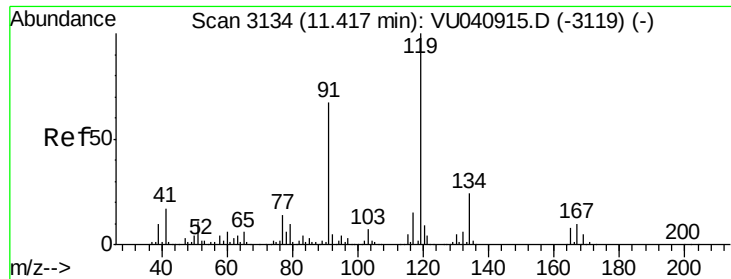
126 100

91 365.2 0.0 730.4



Abundance Ion 126.00 (125.70 to 126.70): V





#77

tert-Butylbenzene

Concen: 11.041 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. 0.00 min

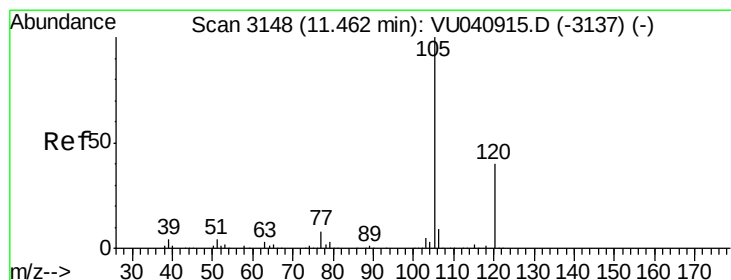
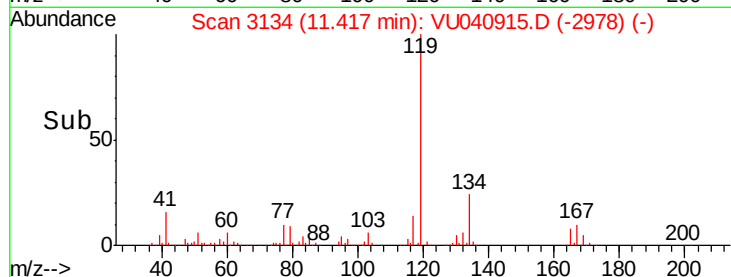
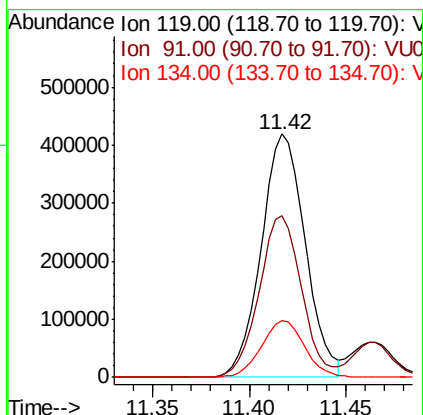
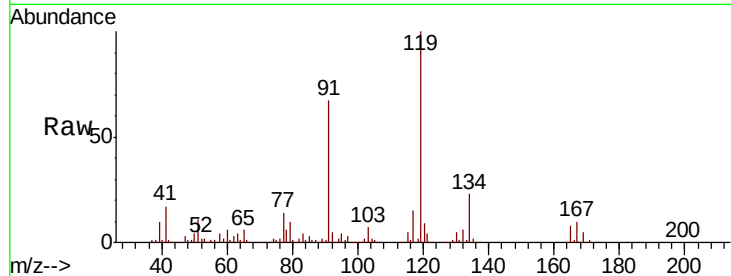
Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:119 Resp: 664960

Ion	Ratio	Lower	Upper
119	100		
91	64.1	32.0	96.2
134	23.0	18.4	27.6



#78

1,2,4-Trimethylbenzene

Concen: 11.189 ug/l

RT: 11.46 min Scan# 3148

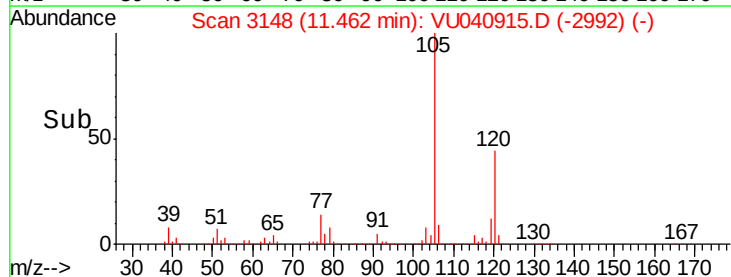
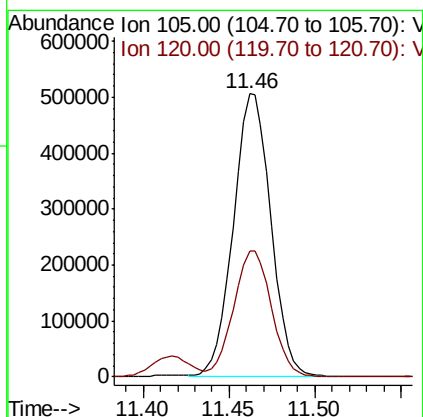
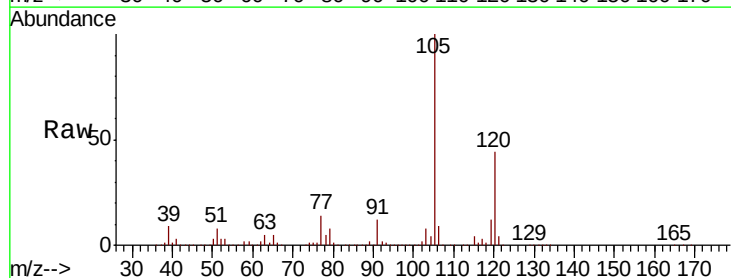
Delta R.T. 0.00 min

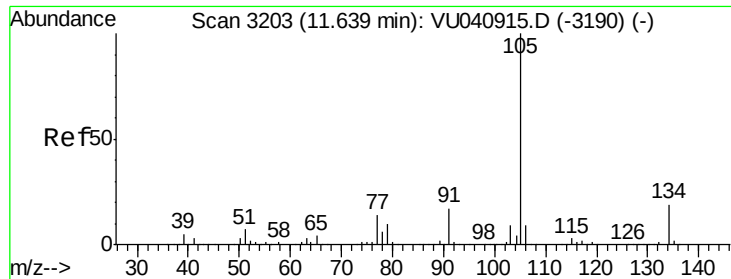
Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion:105 Resp: 760621

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8

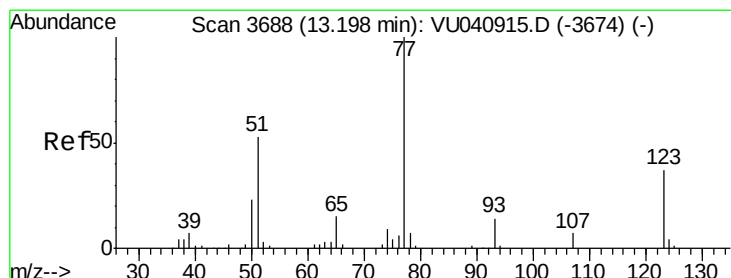
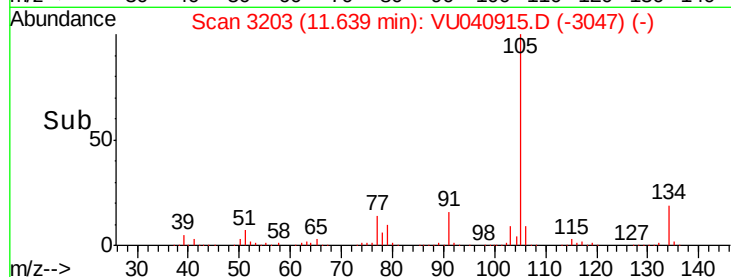
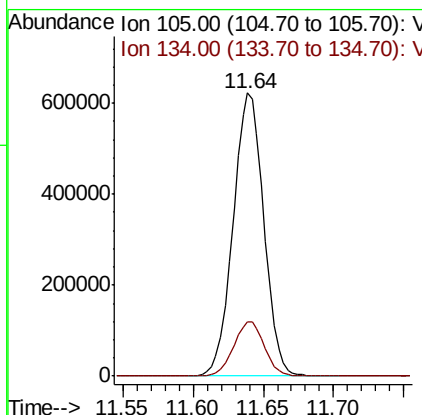
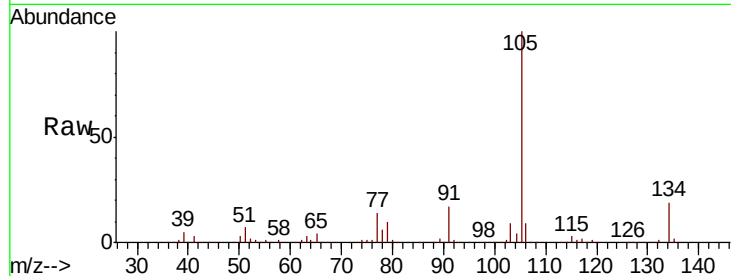




#79
 sec-Butylbenzene
 Concen: 10.900 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

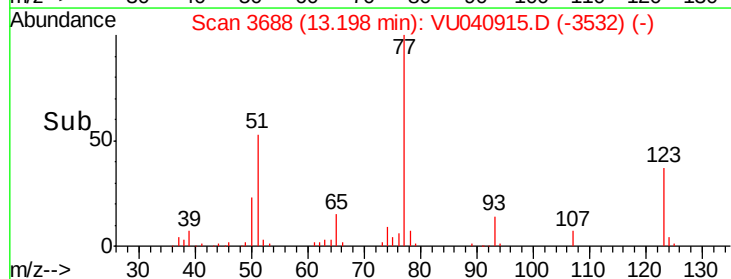
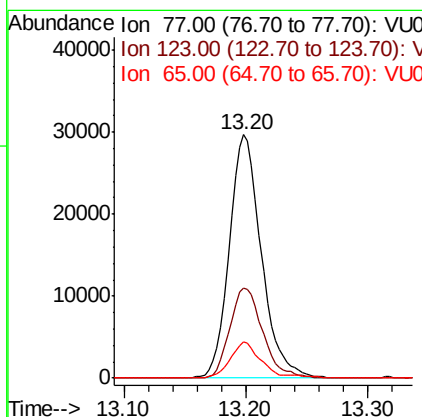
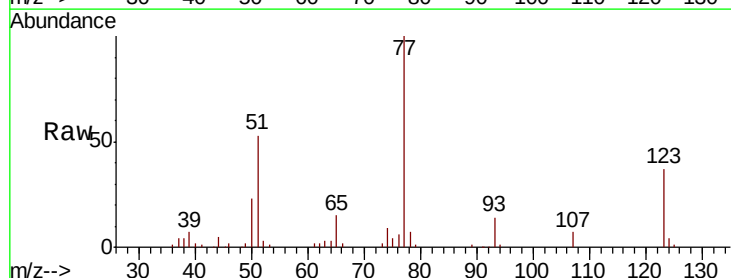
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

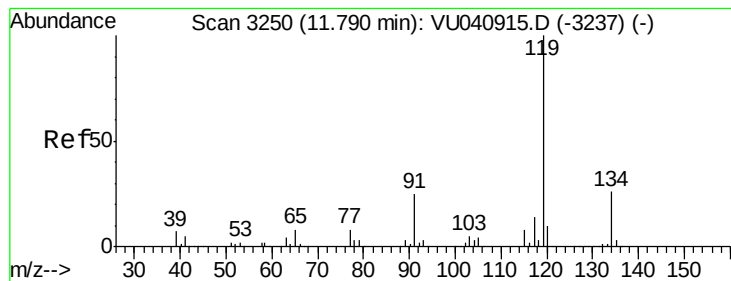
Tot Ion:105 Resp: 945437
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0



#80
 Nitrobenzene
 Concen: 68.946 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion: 77 Resp: 54327
 Ion Ratio Lower Upper
 77 100
 123 38.1 16.8 59.4
 65 12.5 11.0 14.0





#81

p-Isopropyltoluene

Concen: 11.541 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

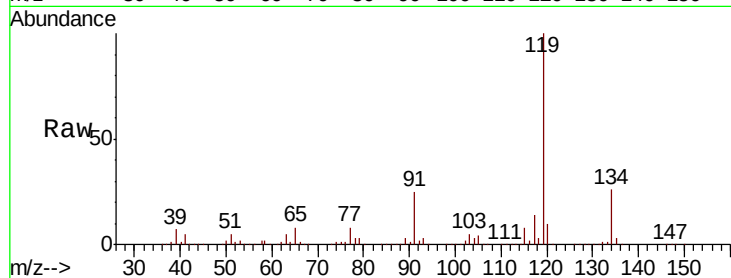
Tot Ion:119 Resp: 803314

Ion Ratio Lower Upper

119 100

134 25.5 20.4 30.6

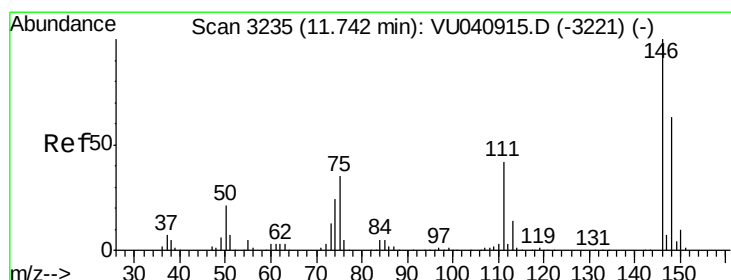
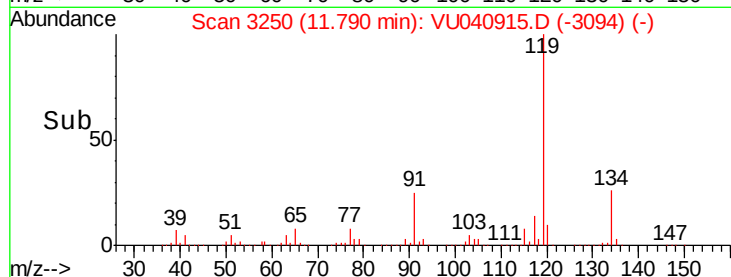
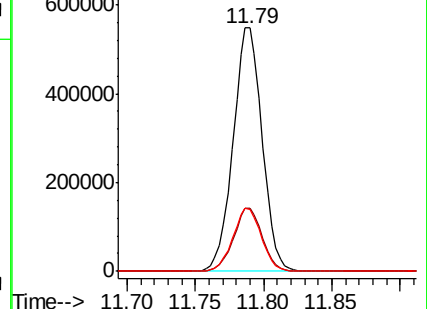
91 25.5 20.4 30.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



#82

1,3-Dichlorobenzene

Concen: 10.690 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

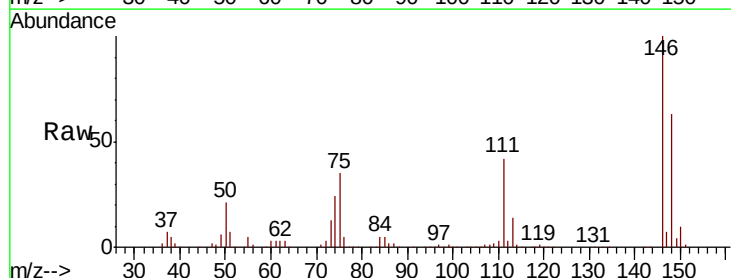
Tgt Ion:146 Resp: 408530

Ion Ratio Lower Upper

146 100

111 42.0 33.6 50.4

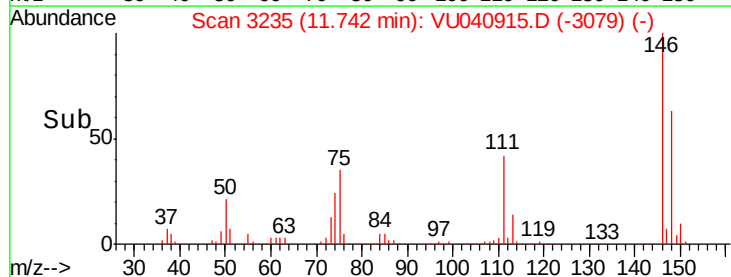
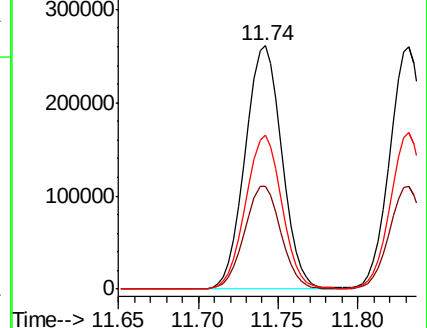
148 62.6 50.1 75.1

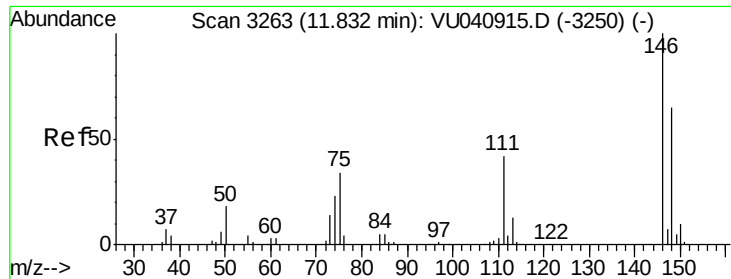


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#83

1,4-Dichlorobenzene

Concen: 10.755 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

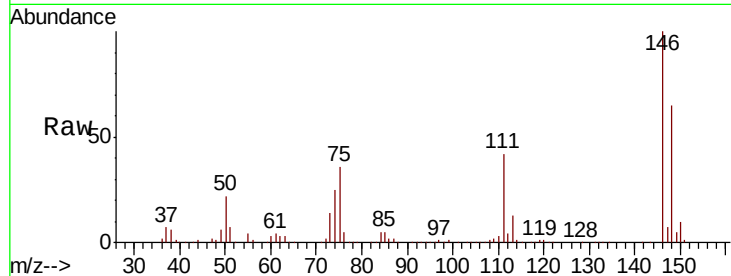
Tot Ion:146 Resp: 407583

Ion Ratio Lower Upper

146 100

111 42.1 33.7 50.5

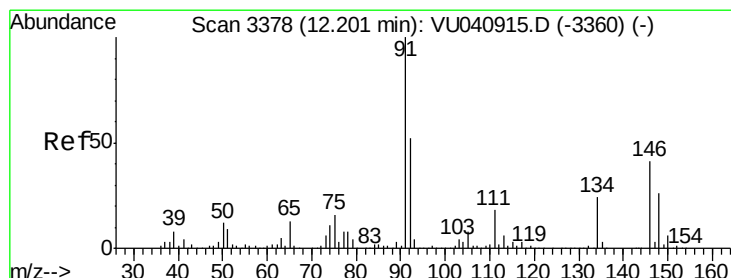
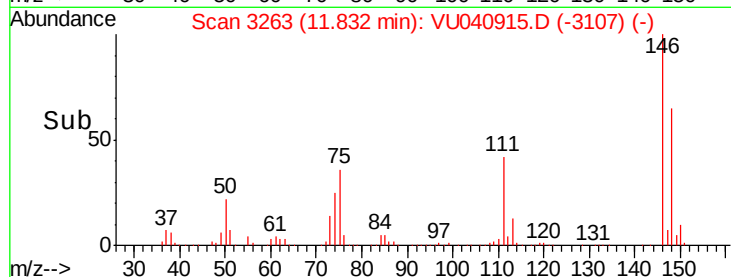
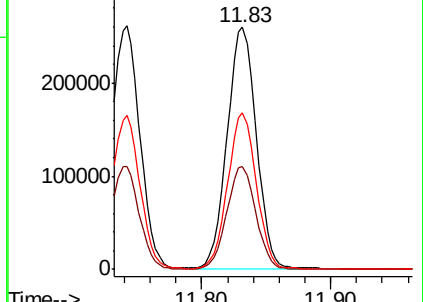
148 63.2 50.6 75.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 11.275 ug/l

RT: 12.20 min Scan# 3378

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

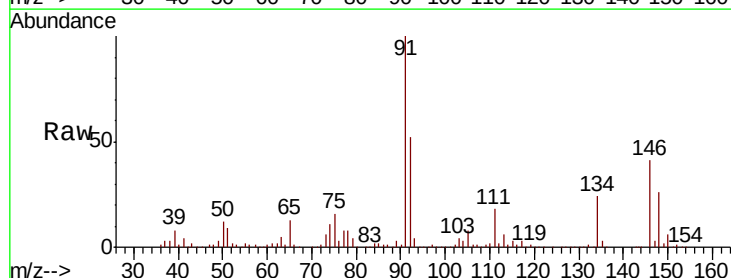
Tgt Ion: 91 Resp: 800254

Ion Ratio Lower Upper

91 100

92 52.1 41.7 62.5

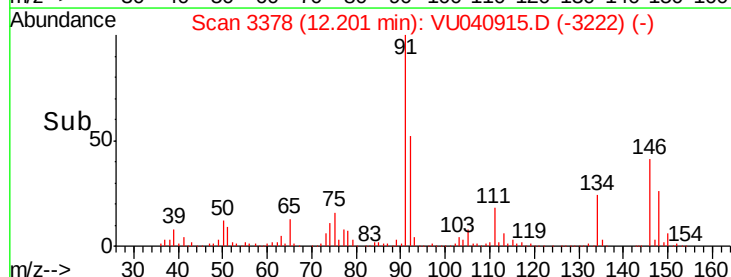
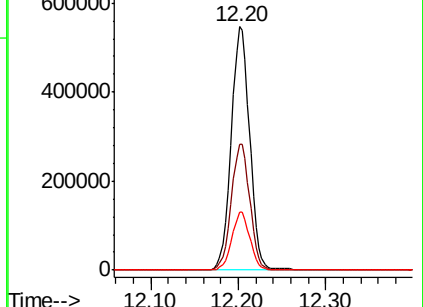
134 23.3 18.6 28.0

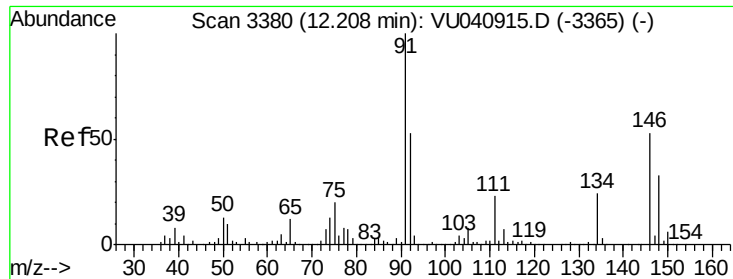


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

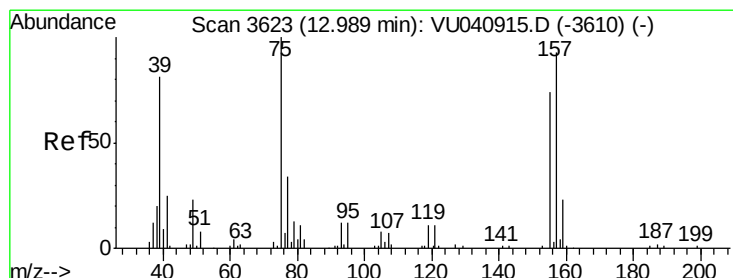
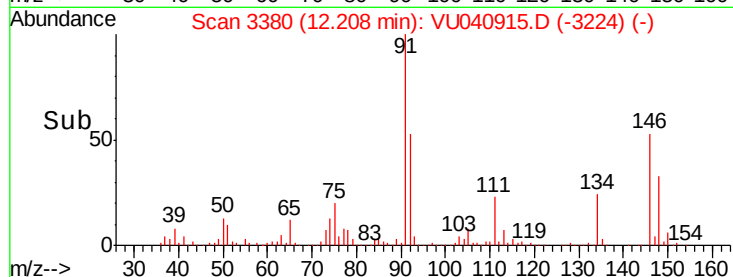
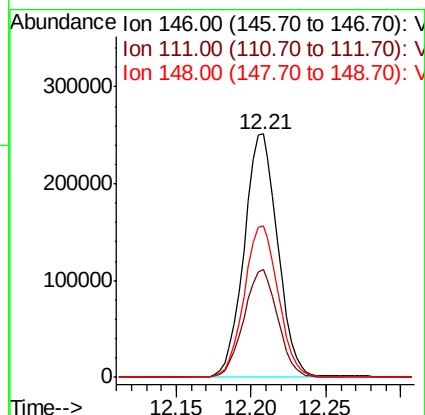
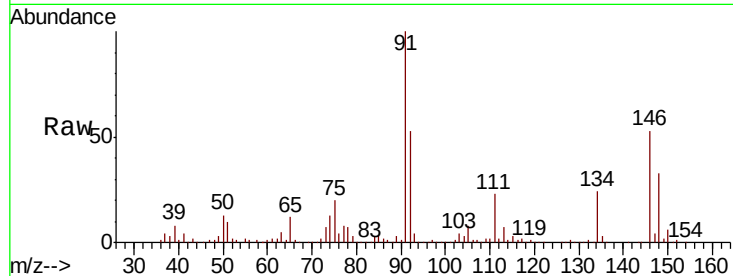




#85
 1,2-Dichlorobenzene
 Concen: 10.728 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

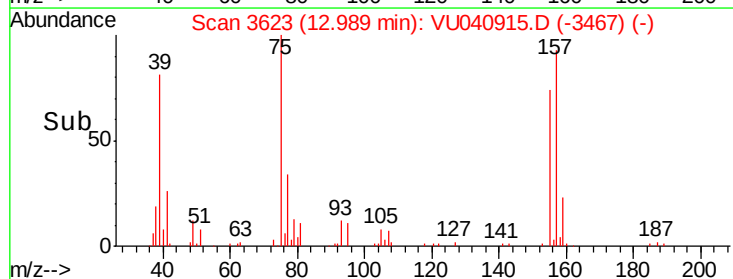
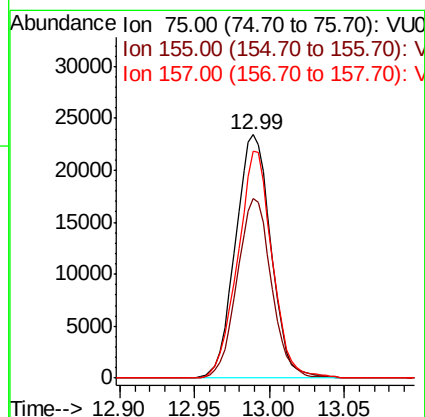
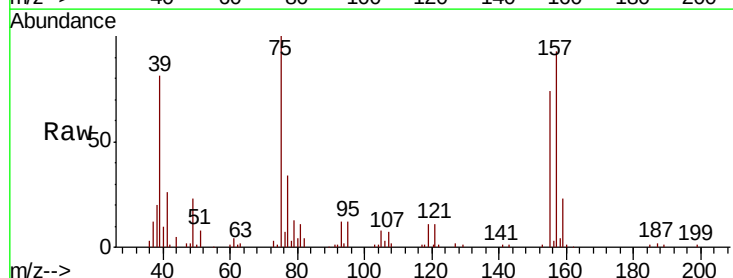
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

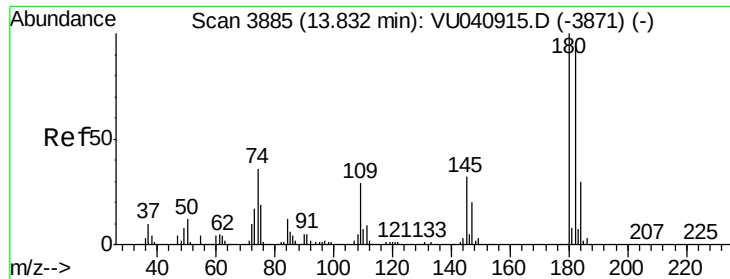
Tot Ion:146 Resp: 393756
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.3 66.9
 148 63.0 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.106 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion: 75 Resp: 38730
 Ion Ratio Lower Upper
 75 100
 155 71.4 57.1 85.7
 157 90.5 72.4 108.6

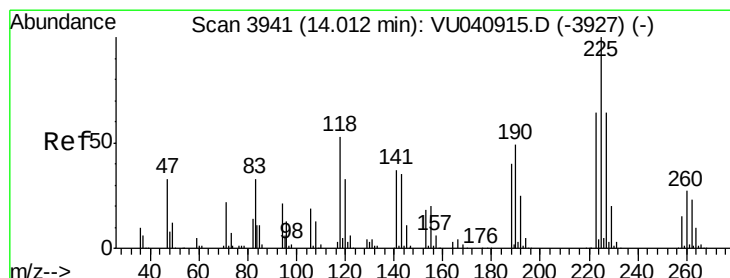
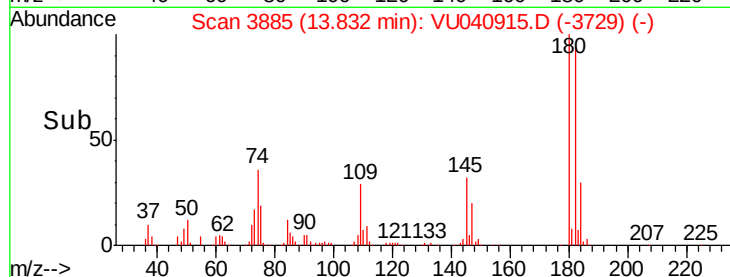
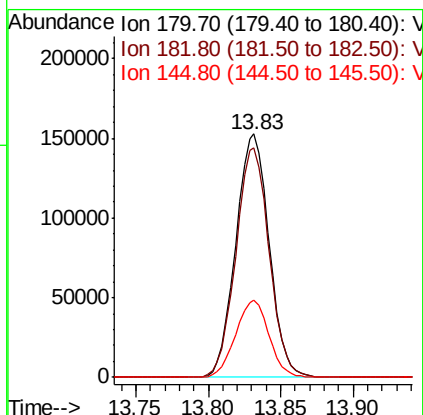
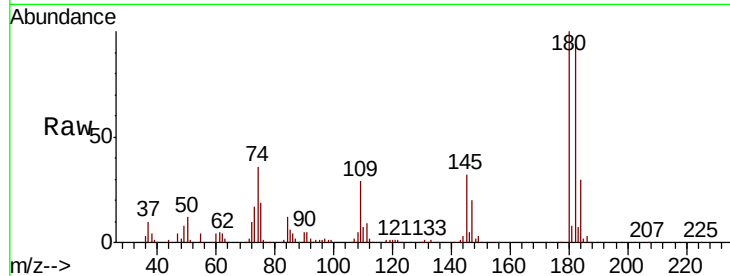




#87
 1,2,4-Trichlorobenzene
 Concen: 11.508 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

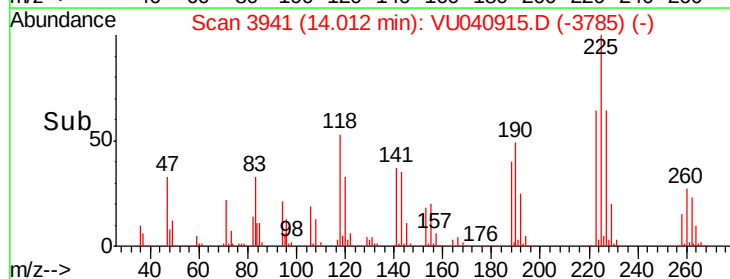
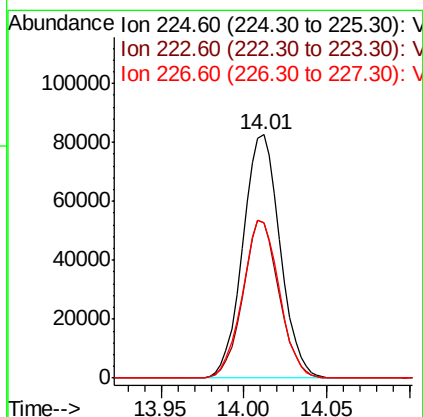
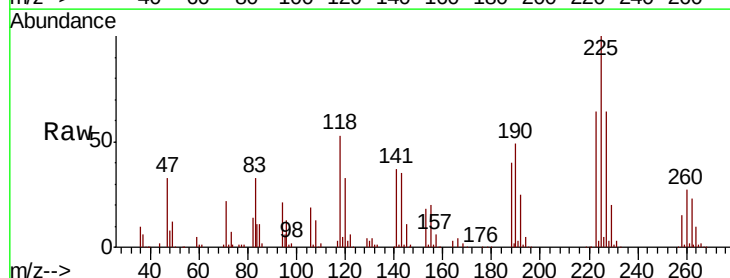
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

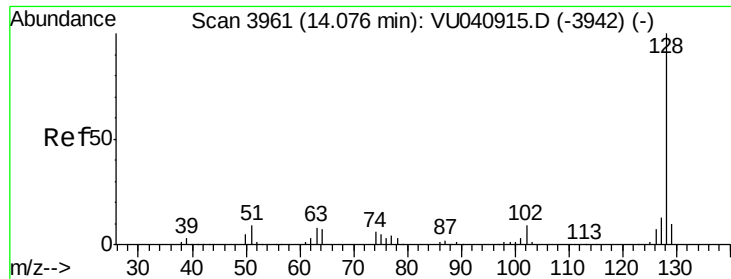
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.2
145	31.7	25.4	38.0



#88
 Hexachlorobutadiene
 Concen: 11.647 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.9	51.1	76.7

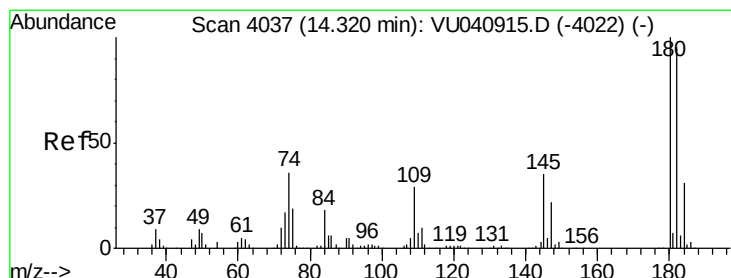
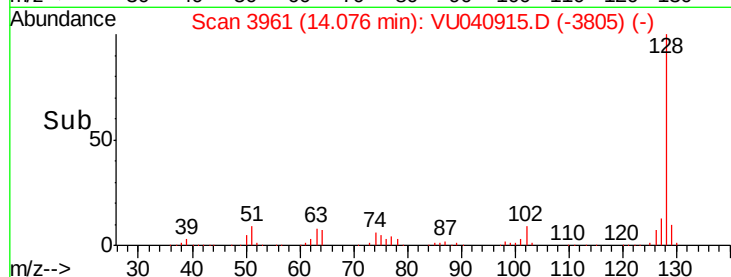
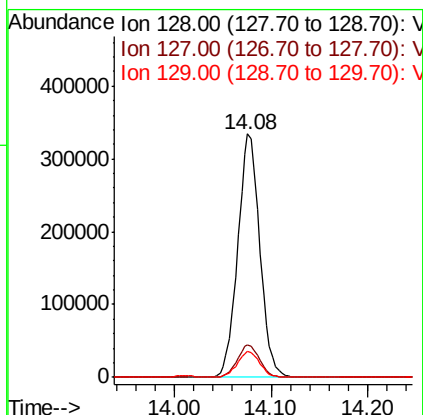
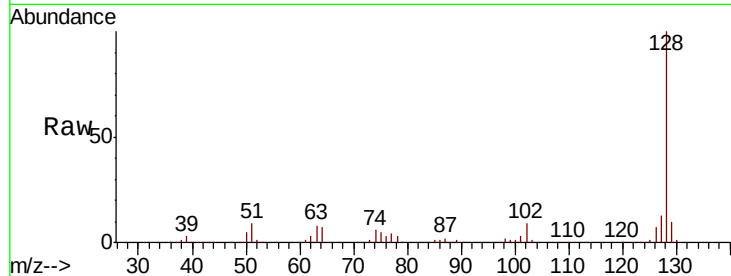




#89
Naphthalene
Concen: 12.807 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:128 Resp: 529691
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 12.419 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion:180 Resp: 249662
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 35.0 28.0 42.0

