

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040924.D
 Acq On : 23 Oct 2020 01:49
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 23 07:10:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	61743	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	23328	1.03	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	22678	0.96	ug/l	0.00
Spiked Amount	1.000		Recovery	=	96.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	261021	9.064	ug/l 99
3) Chloromethane	1.53	50	270901	9.026	ug/l 97
4) Vinyl Chloride	1.61	62	259541	9.286	ug/l 98
5) Bromomethane	1.86	94	139956	8.520	ug/l 98
6) Chloroethane	1.94	64	155459	9.101	ug/l 99
7) Trichlorofluoromethane	2.15	101	334890	9.483	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	183459	9.344	ug/l 99
9) 1,1-Dichloroethene	2.59	96	161927	9.470	ug/l 99
10) Iodomethane	2.74	142	210763	10.106	ug/l 99
11) Allyl Chloride	2.94	41	327919	9.314	ug/l 99
12) Acrylonitrile	3.33	53	117275	19.455	ug/l 96
13) Acetone	2.64	43	233548	46.289	ug/l 98
14) Carbon Disulfide	2.81	76	603346	9.390	ug/l 100
15) Methylene Chloride	3.06	84	193559	8.715	ug/l 99
16) trans-1,2-Dichloroethene	3.37	96	181791	9.393	ug/l 97
17) 1,1-Dichloroethane	3.89	63	371787	9.393	ug/l 100
18) 2-Butanone	4.74	43	396934	48.634	ug/l 99
19) Cyclohexane	5.40	56	321165	8.621	ug/l 91
20) Methylcyclohexane	6.77	83	288677	10.359	ug/l 98
21) 2,2-Dichloropropane	4.68	77	276203	8.264	ug/l 100
22) cis-1,2-Dichloroethene	4.68	96	191434	9.271	ug/l 96
23) Diethyl Ether	2.39	59	159399	9.441	ug/l 99
24) tert-Butyl Alcohol	3.21	59	177958	94.488	ug/l 100
25) Methyl tert-Butyl Ether	3.38	73	504826	9.518	ug/l 100
26) Bromochloromethane	4.99	128	86431	9.630	ug/l 96
27) Chloroform	5.11	83	353850	9.354	ug/l 100
28) 1,1,1-Trichloroethane	5.33	97	303722	9.312	ug/l 98
29) 1,1-Dichloropropene	5.54	75	271750	9.510	ug/l 100
30) Carbon Tetrachloride	5.54	117	272464	9.230	ug/l 97
31) Isopropyl Ether	4.02	45	571157	9.331	ug/l 99
32) Ethyl-t-butyl ether	4.53	59	508443	9.432	ug/l 98
33) Tert-Amyl methyl ether	5.96	73	407676	10.154	ug/l 99
34) Propionitrile	4.80	54	103437	46.159	ug/l 99
35) Benzene	5.79	78	758450	9.575	ug/l 99
36) 1,2-Dichloroethane	5.81	62	277293	9.444	ug/l 100
37) Trichloroethene	6.55	130	177179	9.462	ug/l 96
38) 1,2-Dichloropropane	6.80	63	215280	9.579	ug/l 98
39) Methacrylonitrile	5.00	41	98507	9.377	ug/l 99
40) Methyl acrylate	4.87	55	140829	9.776	ug/l 99
41) Tetrahydrofuran	5.08	42	99872	18.481	ug/l 98
42) 1-Chlorobutane	5.47	56	404477	9.363	ug/l 99

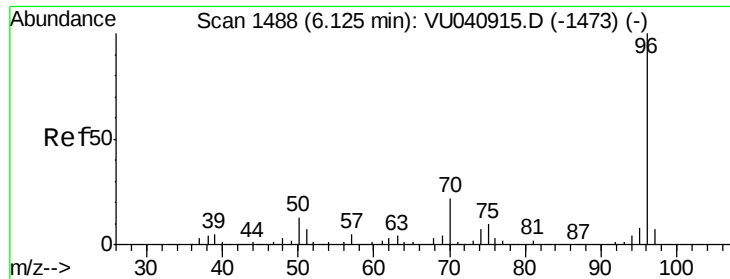
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040924.D
 Acq On : 23 Oct 2020 01:49
 Operator : SY/MD
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Quant Time: Oct 23 07:10:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	119945	9.524	ug/l	98
44) Bromodichloromethane	7.12	83	281742	9.635	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	892022	53.948	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	282406	43.192	ug/l #	54
47) Methyl methacrylate	6.98	69	230848	21.953	ug/l	100
48) Ethyl methacrylate	8.34	69	191275	10.813	ug/l	99
49) Toluene	7.98	92	452096	10.378	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	252565	9.994	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	266176	9.611	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	159631	10.024	ug/l	97
53) 1,3-Dichloropropane	8.58	76	286700	10.029	ug/l	98
54) 2-Hexanone	8.69	43	621668	53.815	ug/l	99
55) Dibromochloromethane	8.82	129	184917	9.685	ug/l	99
56) 1,2-Dibromoethane	8.93	107	147352	9.980	ug/l	99
58) Tetrachloroethene	8.56	164	166847	9.532	ug/l	97
59) Chlorobenzene	9.45	112	457130	9.913	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	175955	9.711	ug/l	98
61) Pentachloroethane	11.42	117	137519	9.396	ug/l	99
62) Hexachloroethane	12.47	117	148595	9.975	ug/l	97
63) Ethyl Benzene	9.57	91	824545	10.795	ug/l	100
64) m/p-Xylenes	9.69	106	665462	19.683	ug/l	99
65) o-Xylene	10.10	106	296657	11.060	ug/l	99
66) Styrene	10.11	104	551868	9.878	ug/l	99
67) Bromoform	10.29	173	101431	9.815	ug/l	99
69) Isopropylbenzene	10.48	105	783136	10.948	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	214606	9.905	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	282406	17.097	ug/l	70
72) Bromobenzene	10.78	156	188333	10.098	ug/l	99
73) n-propylbenzene	10.90	120	230892	9.733	ug/l	96
74) 2-Chlorotoluene	10.98	126	194622	10.486	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	714515	9.606	ug/l	100
76) 4-Chlorotoluene	11.10	126	213366	11.091	ug/l	99
77) tert-Butylbenzene	11.42	119	652912	10.799	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	752615	9.753	ug/l	99
79) sec-Butylbenzene	11.64	105	927565	11.050	ug/l	99
80) Nitrobenzene	13.20	77	52416	51.151	ug/l	97
81) p-Isopropyltoluene	11.79	119	782717	9.609	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	395932	9.732	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	411530	10.003	ug/l	99
84) n-Butylbenzene	12.20	91	779763	11.097	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	390297	10.029	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	39241	9.701	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	229334	10.054	ug/l	99
88) Hexachlorobutadiene	14.01	225	123318	9.629	ug/l	99
89) Naphthalene	14.08	128	511916	8.983	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	242673	10.934	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: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 96 Resp: 61743

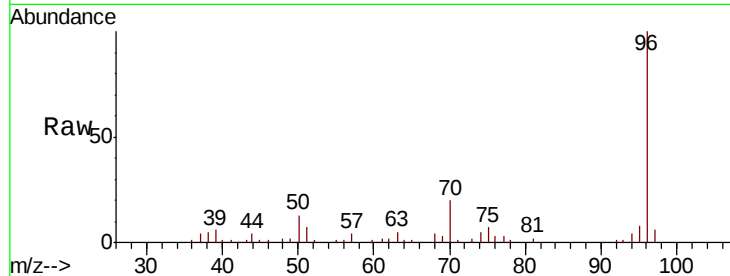
Ion Ratio Lower Upper

96 100

70 21.1 16.3 24.5

95 8.7 7.3 10.9

97 0.0 0.0 0.0

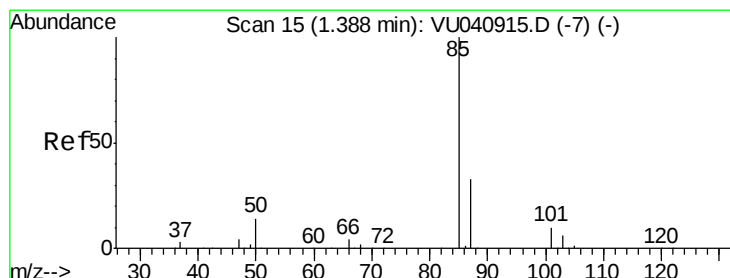
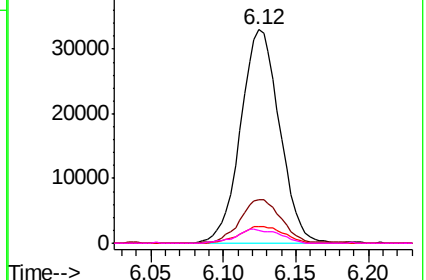
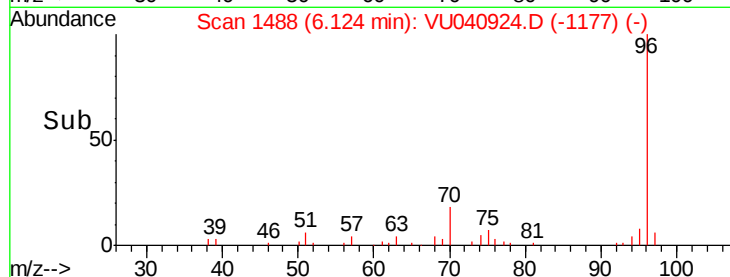


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.064 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040924.D

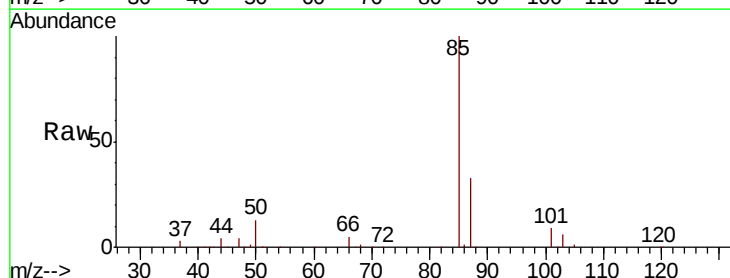
Acq: 23 Oct 2020 01:49

Tgt Ion: 85 Resp: 261021

Ion Ratio Lower Upper

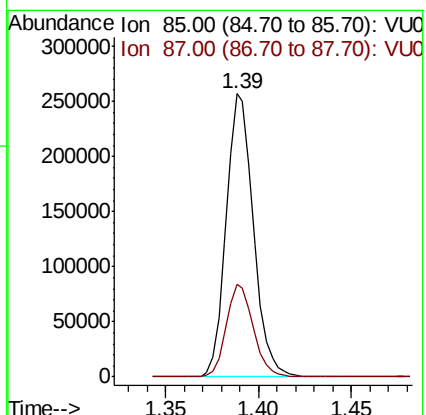
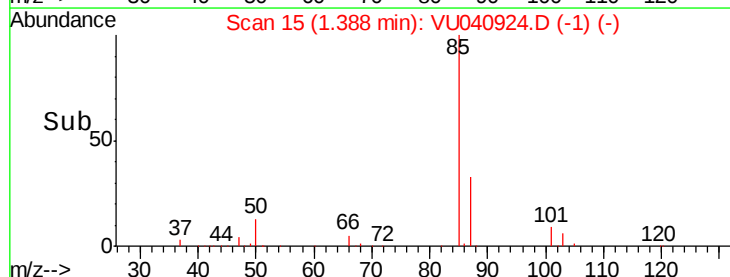
85 100

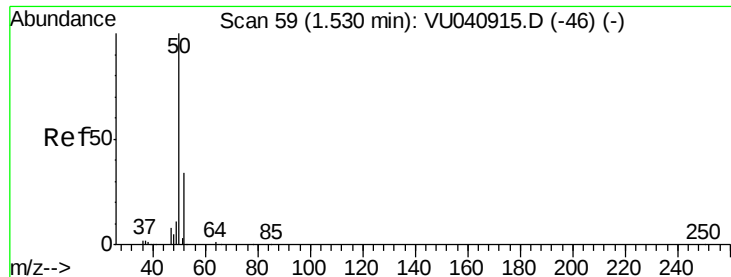
87 32.6 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.026 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

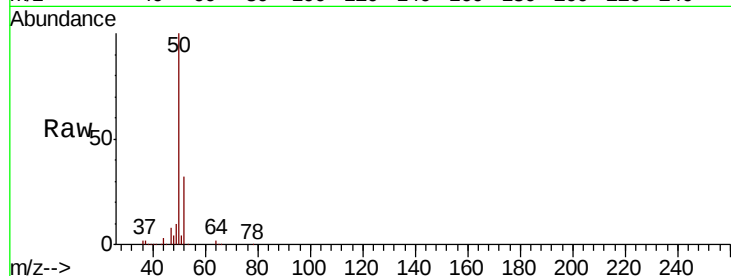
VSTDCCC010EC

Tot Ion: 50 Resp: 270901

Ion Ratio Lower Upper

50 100

52 31.9 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) (-)

1.53

250000

200000

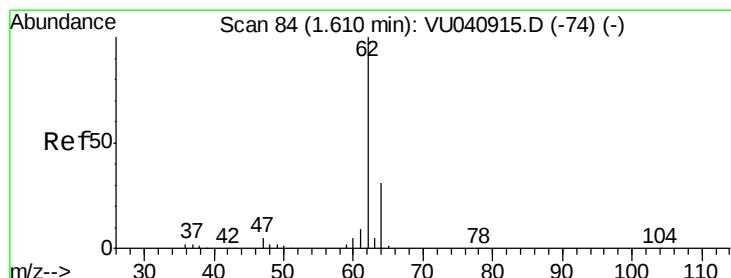
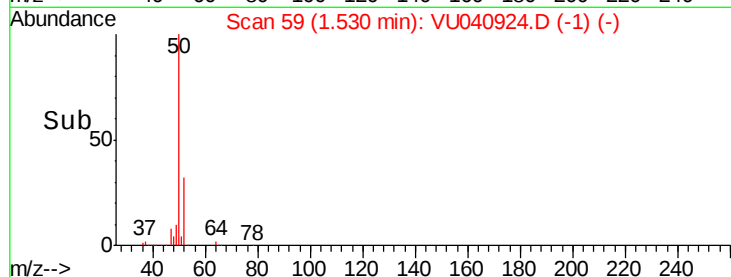
150000

100000

50000

0

Time--> 1.45 1.50 1.55 1.60



#4

Vinyl Chloride

Concen: 9.286 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040924.D

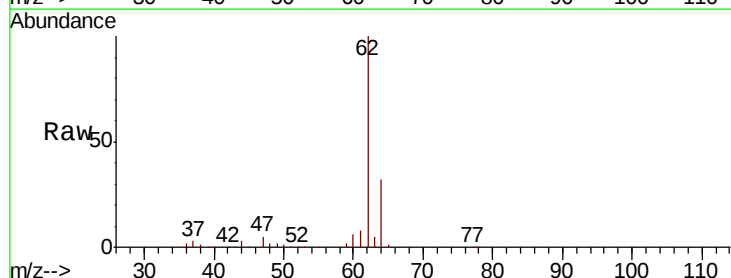
Acq: 23 Oct 2020 01:49

Tgt Ion: 62 Resp: 259541

Ion Ratio Lower Upper

62 100

64 31.9 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) (-)

1.61

250000

200000

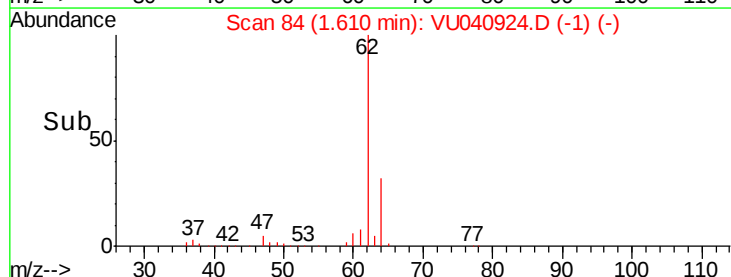
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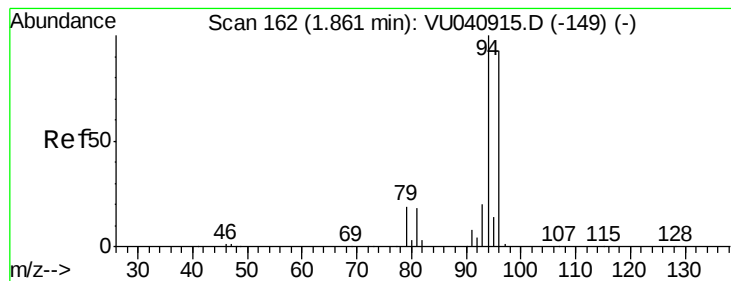
100000

50000

0

Time--> 1.55 1.60 1.65 1.70





#5

Bromomethane

Concen: 8.520 ug/l

RT: 1.86 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

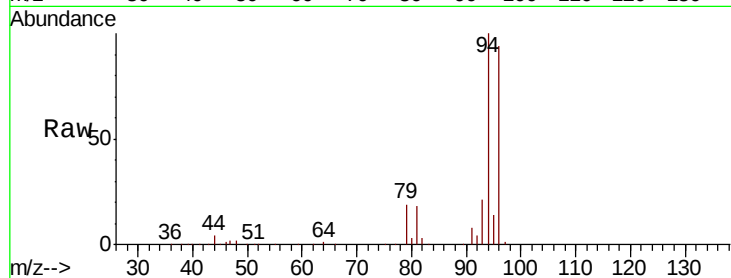
VSTDCCC010EC

Tot Ion: 94 Resp: 139956

Ion Ratio Lower Upper

94 100

96 94.5 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VU040915.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VU040915.D (-149) (-)

1.86

120000

100000

80000

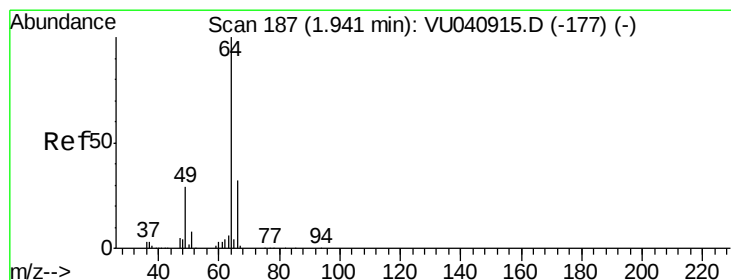
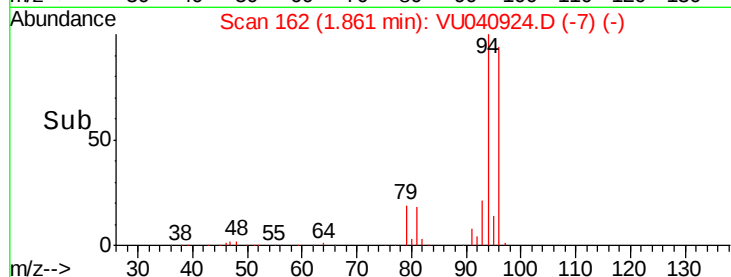
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 9.101 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040924.D

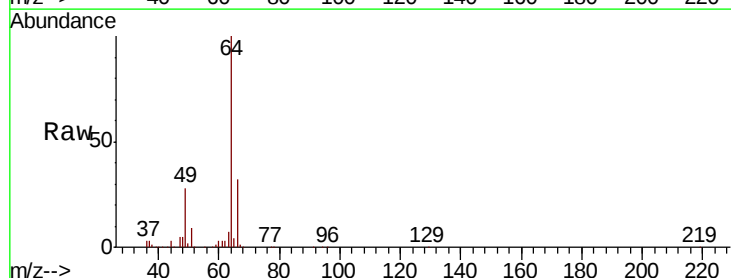
Acq: 23 Oct 2020 01:49

Tgt Ion: 64 Resp: 155459

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU040915.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040915.D (-177) (-)

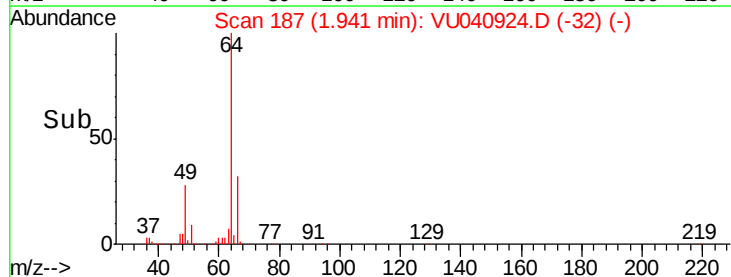
1.94

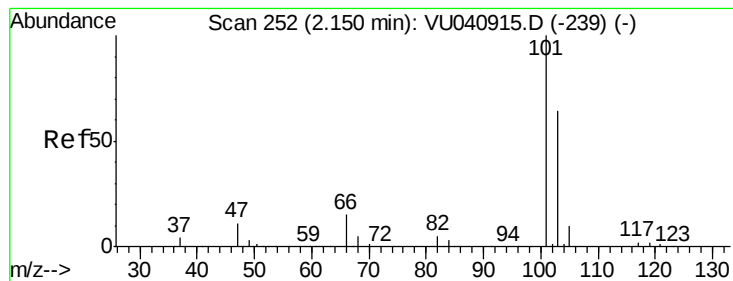
100000

50000

0

Time-->



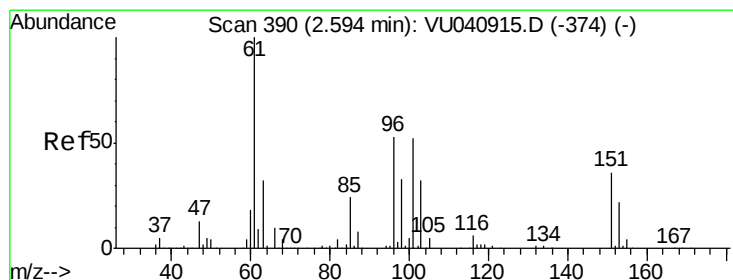
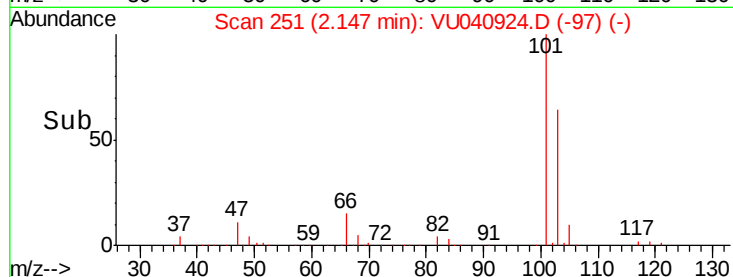
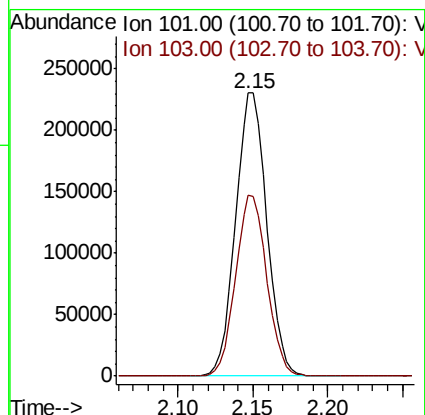
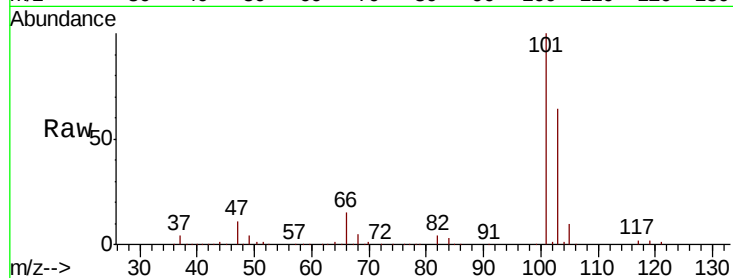


#7

Trichlorofluoromethane
Concen: 9.483 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

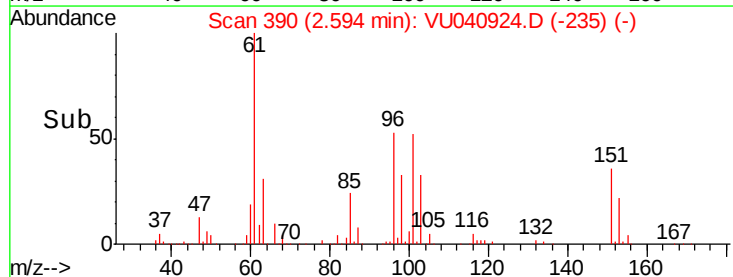
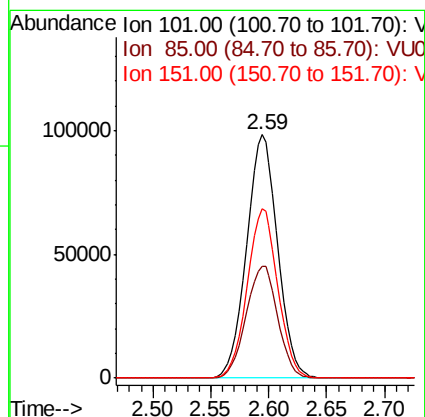
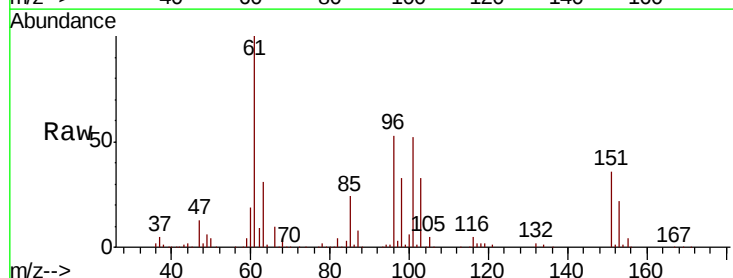
Tot Ion:101 Resp: 334890
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

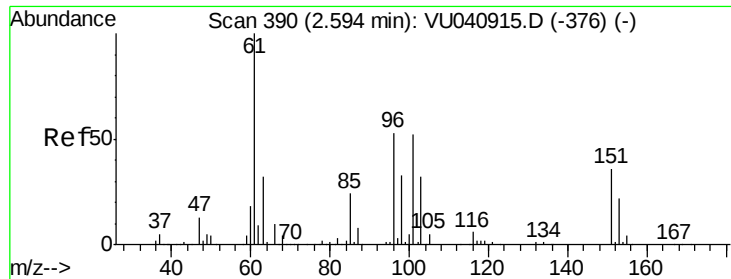


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.344 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion:101 Resp: 183459
Ion Ratio Lower Upper
101 100
85 46.7 36.2 54.2
151 68.4 55.1 82.7





#9

1,1-Dichloroethene

Concen: 9.470 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

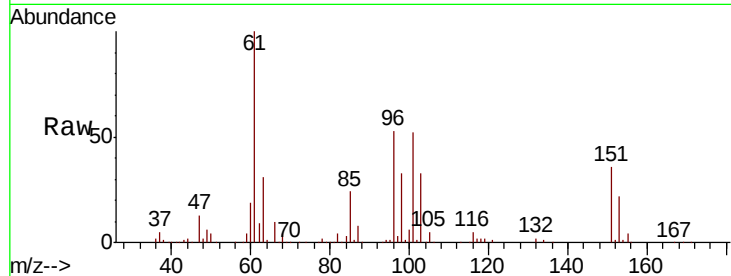
Tot Ion: 96 Resp: 161927

Ion Ratio Lower Upper

96 100

61 189.3 0.0 561.9

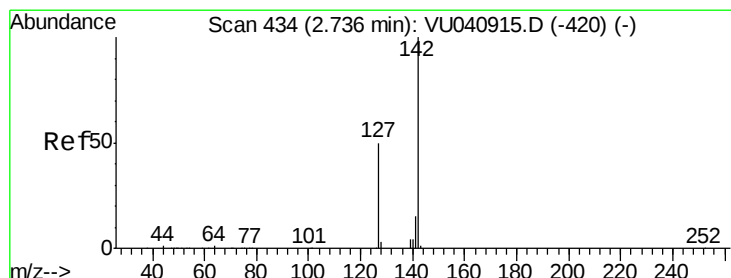
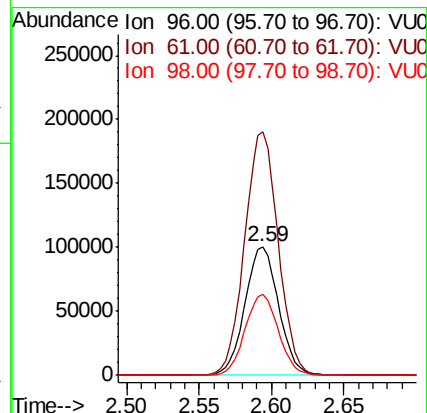
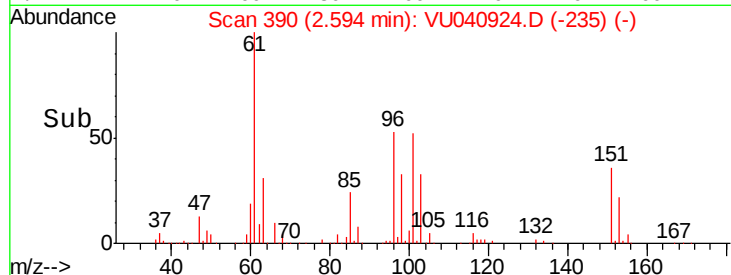
98 62.6 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040924.D (-235) (-)

Ion 61.00 (60.70 to 61.70): VU040924.D (-235) (-)

Ion 98.00 (97.70 to 98.70): VU040924.D (-235) (-)



#10

Iodomethane

Concen: 10.106 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040924.D

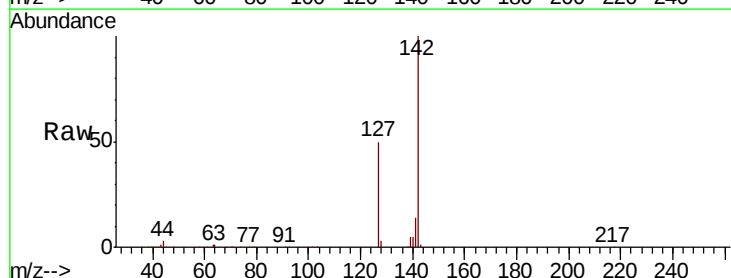
Acq: 23 Oct 2020 01:49

Tgt Ion: 142 Resp: 210763

Ion Ratio Lower Upper

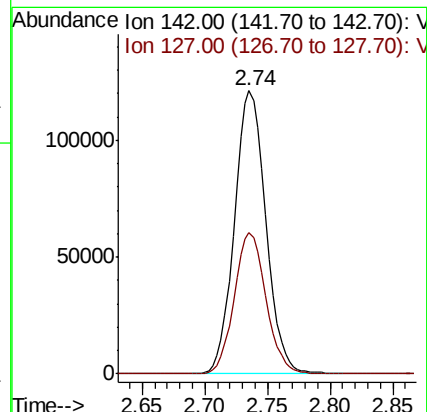
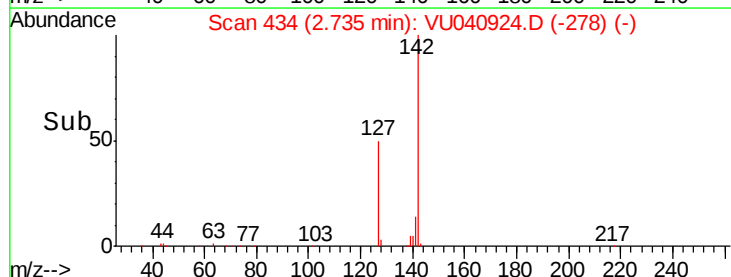
142 100

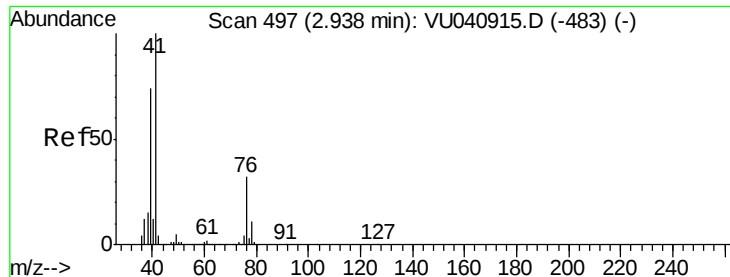
127 50.3 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040924.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU040924.D (-278) (-)

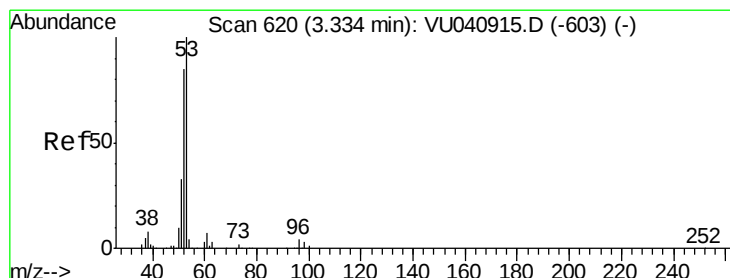
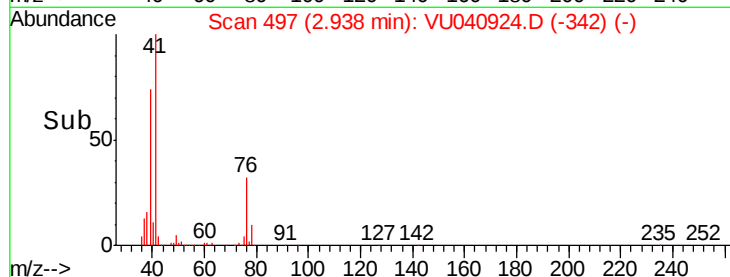
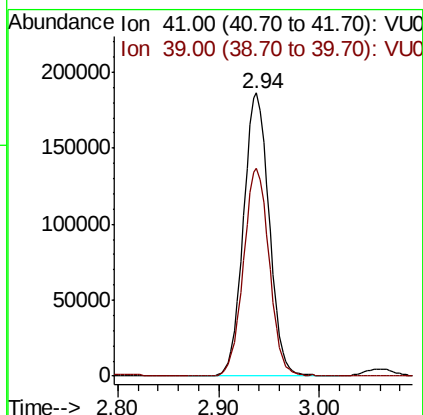
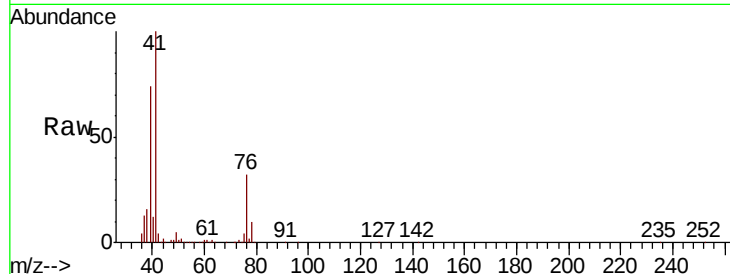




#11
Allvl Chloride
Concen: 9.314 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

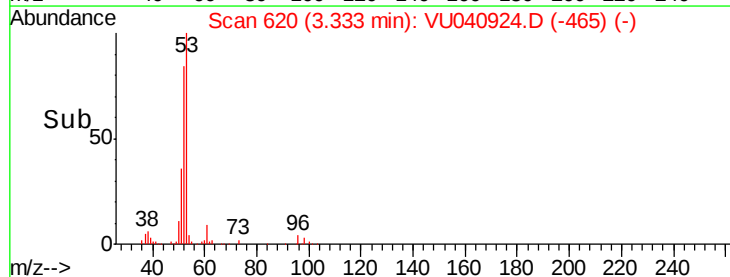
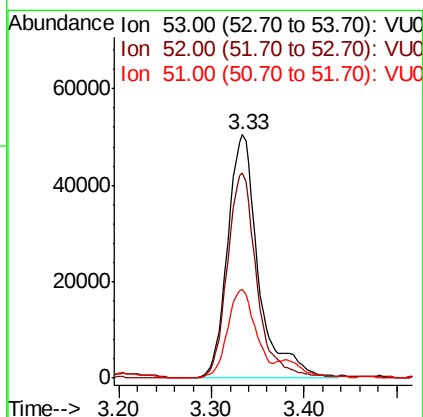
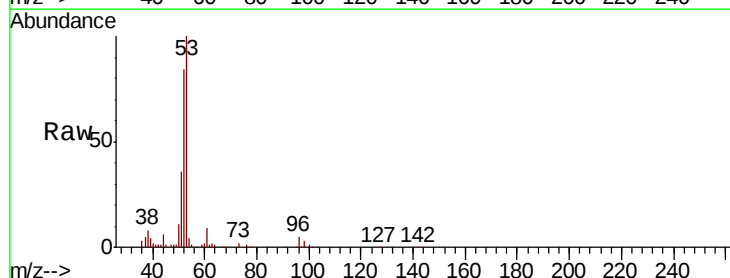
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

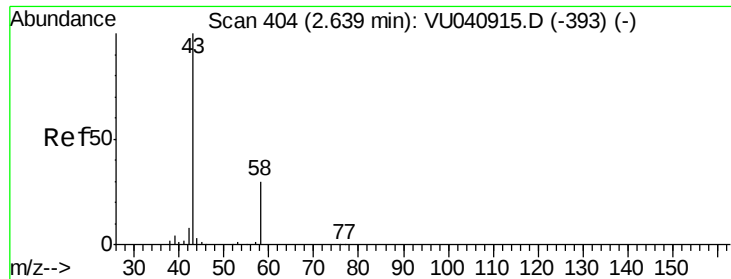
Tot Ion: 41 Resp: 327919
Ion Ratio Lower Upper
41 100
39 73.0 59.0 88.4



#12
Acrylonitrile
Concen: 19.455 ug/l
RT: 3.33 min Scan# 620
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 53 Resp: 117275
Ion Ratio Lower Upper
53 100
52 80.0 63.1 94.7
51 33.3 30.6 46.0





#13

Acetone

Concen: 46.289 ug/l

RT: 2.64 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

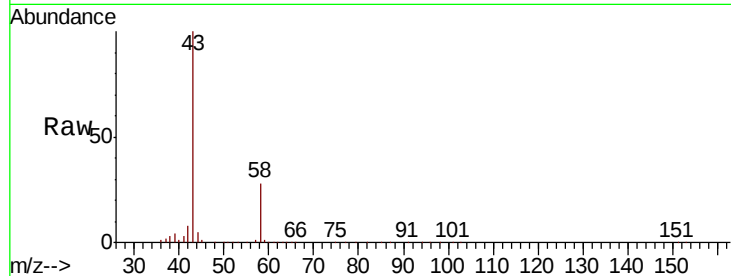
VSTDCCC010EC

Tot Ion: 43 Resp: 233548

Ion Ratio Lower Upper

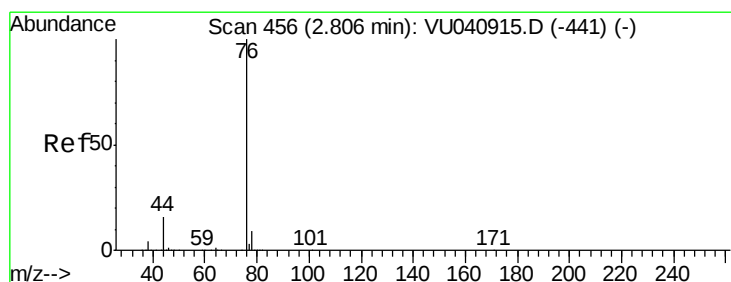
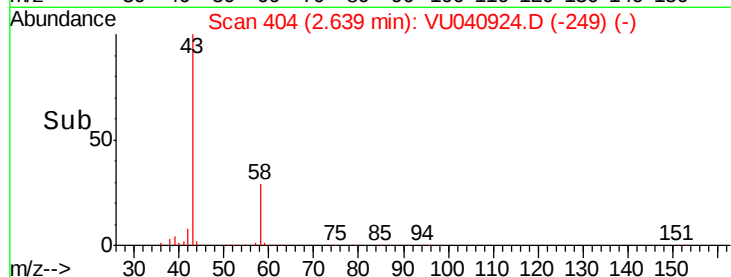
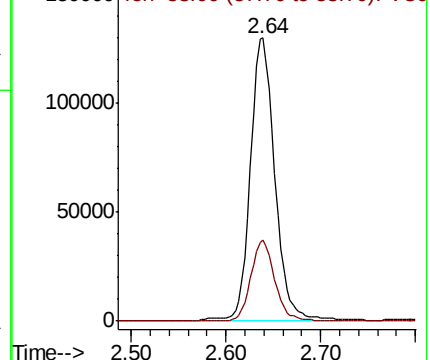
43 100

58 28.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VU040924.D (-249) (-)

Ion 58.00 (57.70 to 58.70): VU040924.D (-249) (-)



#14

Carbon Disulfide

Concen: 9.390 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040924.D

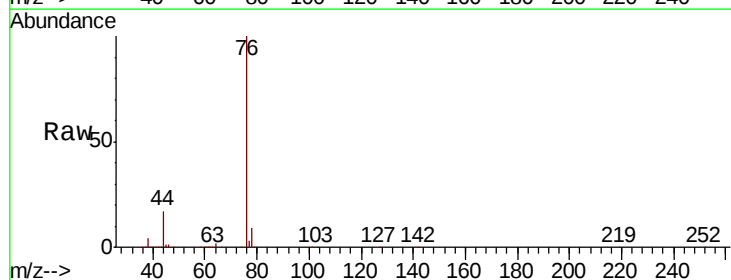
Acq: 23 Oct 2020 01:49

Tgt Ion: 76 Resp: 603346

Ion Ratio Lower Upper

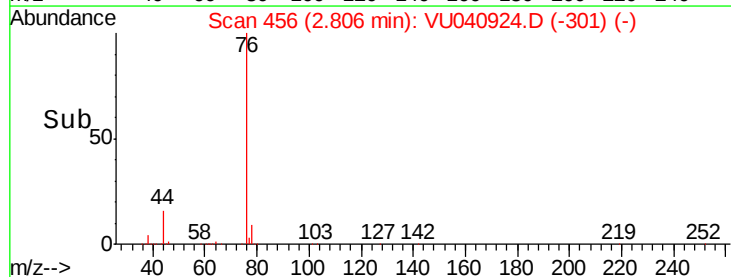
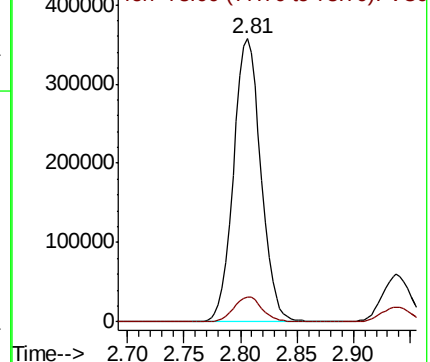
76 100

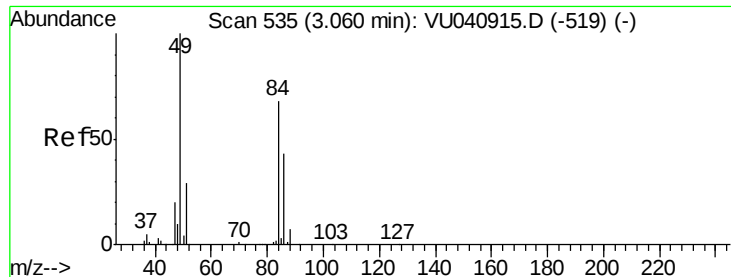
78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU040924.D (-301) (-)

Ion 78.00 (77.70 to 78.70): VU040924.D (-301) (-)

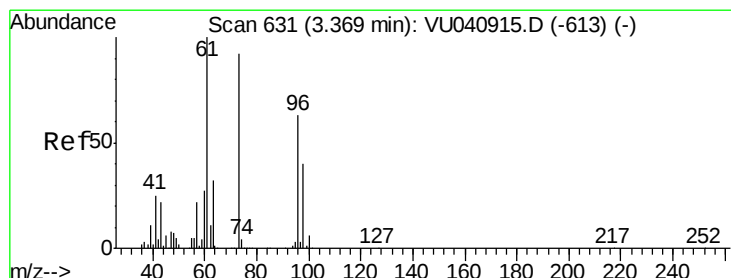
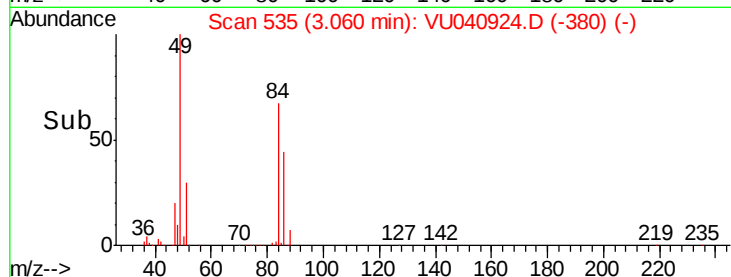
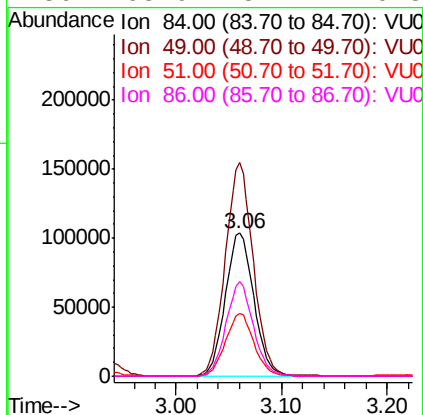
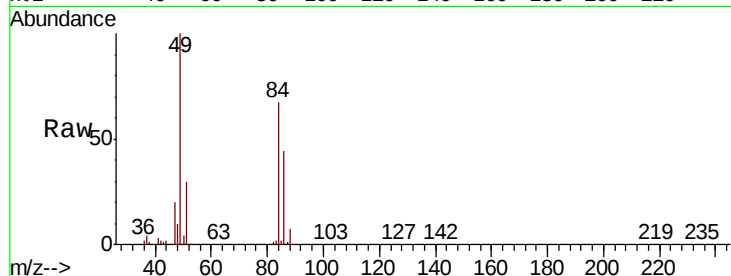




#15
Methvlene Chloride
Concen: 8.715 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

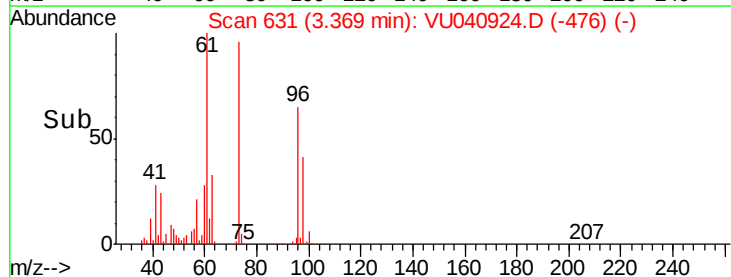
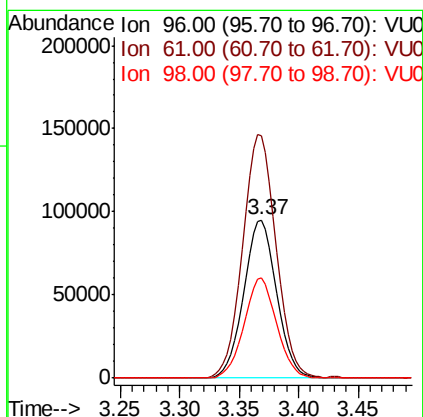
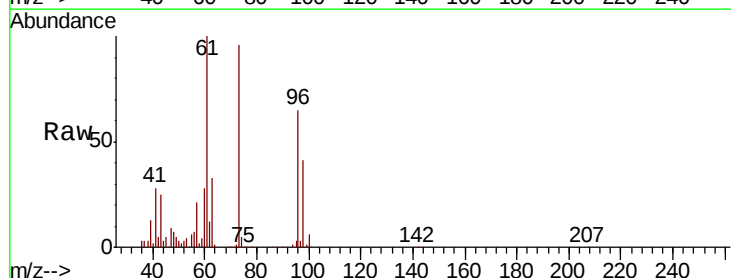
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

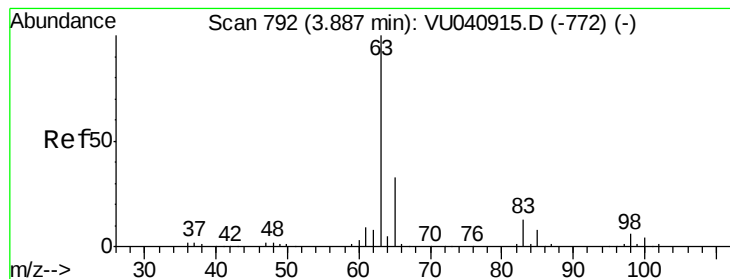
Tot Ion:	84	Resp:	193559
Ion	Ratio	Lower	Upper
84	100		
49	149.0	118.2	177.4
51	43.9	0.0	86.8
86	65.9	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 9.393 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion:	96	Resp:	181791
Ion	Ratio	Lower	Upper
96	100		
61	153.3	127.0	190.4
98	63.3	51.2	76.8





#17

1,1-Dichloroethane

Concen: 9.393 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

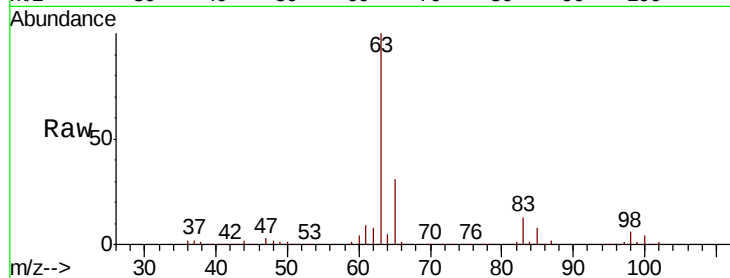
Tot Ion: 63 Resp: 371787

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.7 1.8 5.5

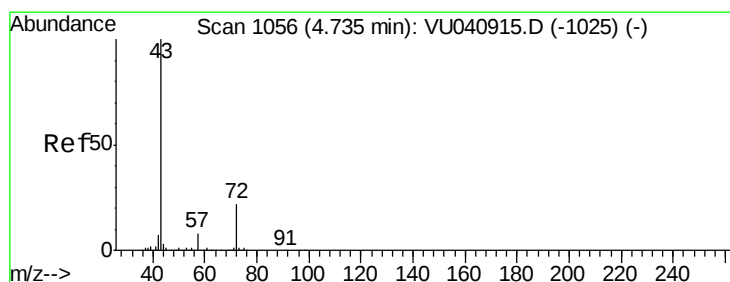
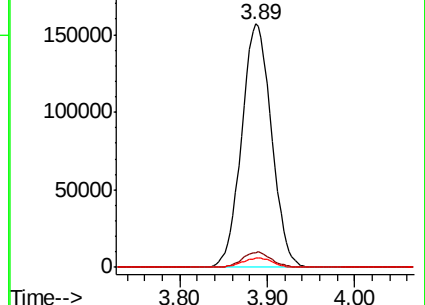
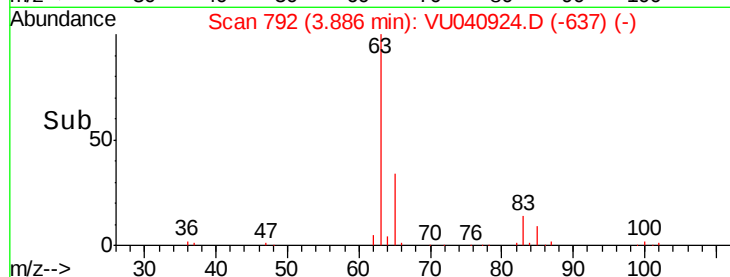


Abundance Ion 63.00 (62.70 to 63.70): VU040924.D (-637) (-)

Ion 98.00 (97.70 to 98.70): VU040924.D (-981) (-)

Ion 100.00 (99.70 to 100.70): VU040924.D (-1001) (-)

Time-->



#18

2-Butanone

Concen: 48.634 ug/l

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU040924.D

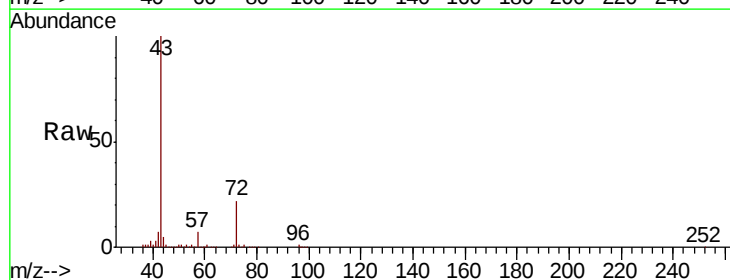
Acq: 23 Oct 2020 01:49

Tgt Ion: 43 Resp: 396934

Ion Ratio Lower Upper

43 100

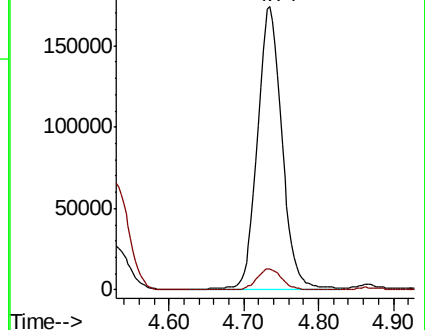
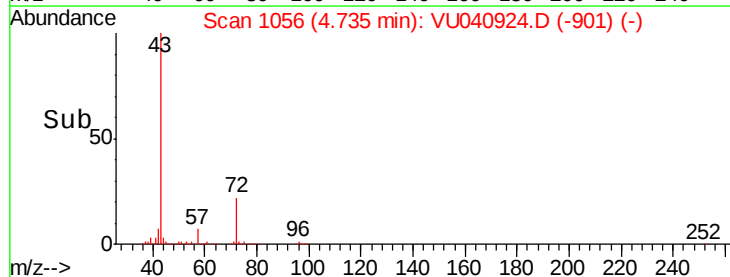
57 7.3 0.0 15.2

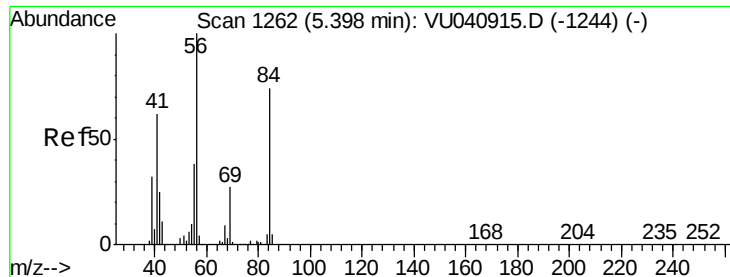


Abundance Ion 43.00 (42.70 to 43.70): VU040924.D (-901) (-)

Ion 57.00 (56.70 to 57.70): VU040924.D (-571) (-)

Time-->

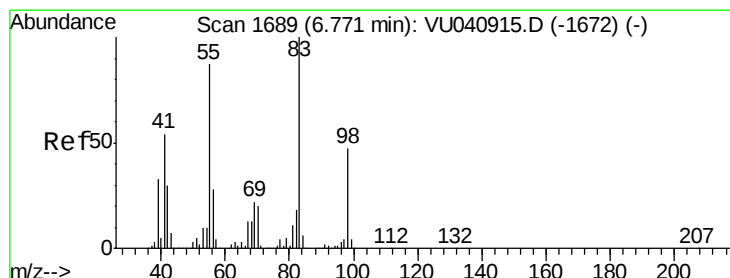
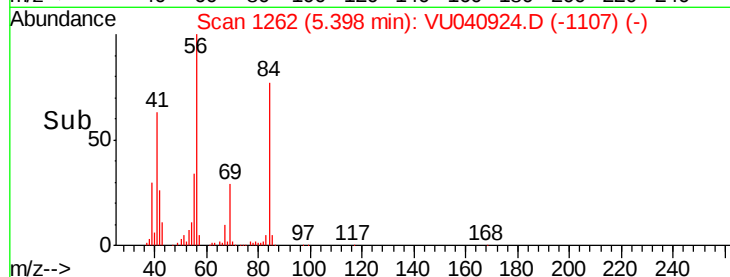
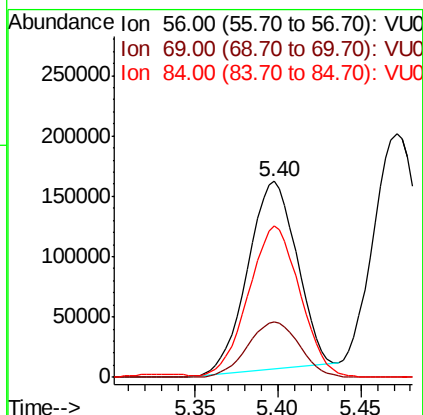
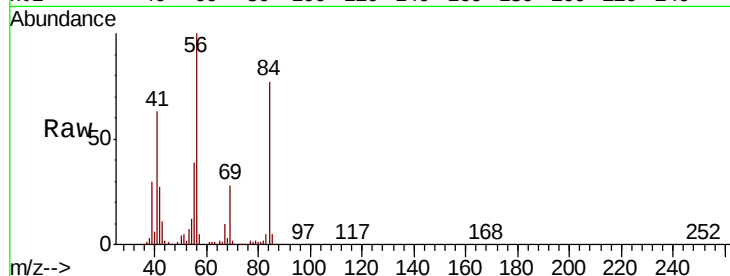




#19
Cyclohexane
Concen: 8.621 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

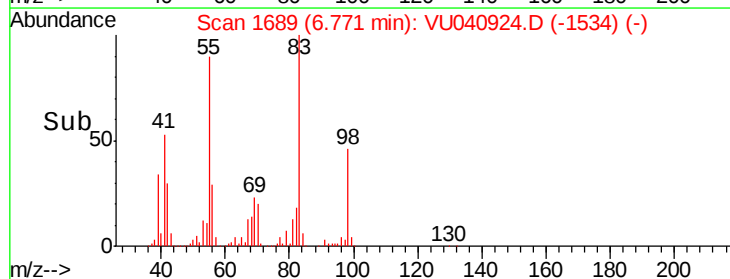
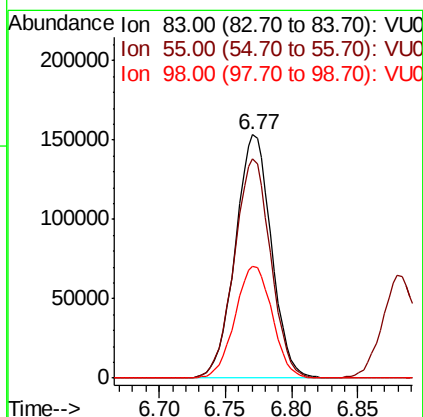
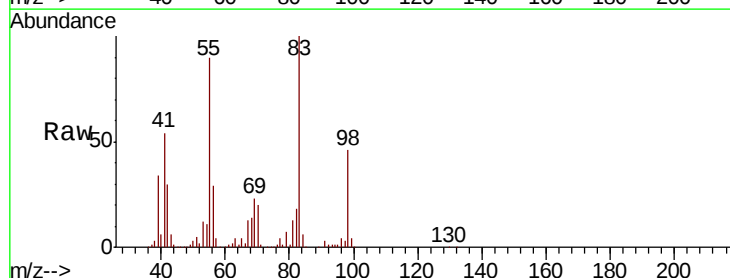
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

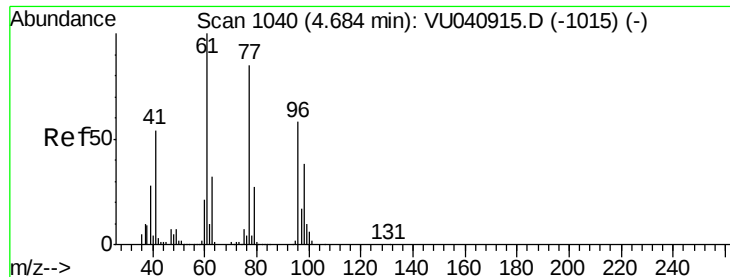
Tot Ion: 56 Resp: 321165
Ion Ratio Lower Upper
56 100
69 31.5 22.2 33.2
84 82.9 60.1 90.1



#20
Methylcyclohexane
Concen: 10.359 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 83 Resp: 288677
Ion Ratio Lower Upper
83 100
55 90.8 71.0 106.4
98 47.4 38.1 57.1





#21

2,2-Dichloropropane

Concen: 8.264 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

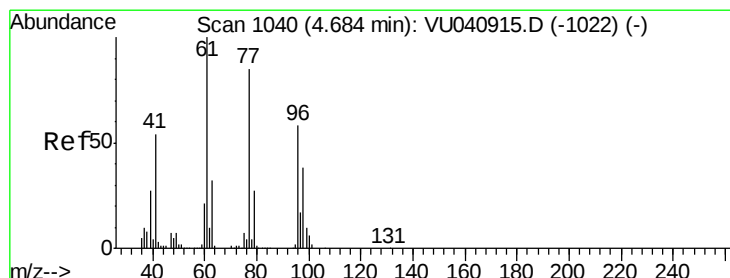
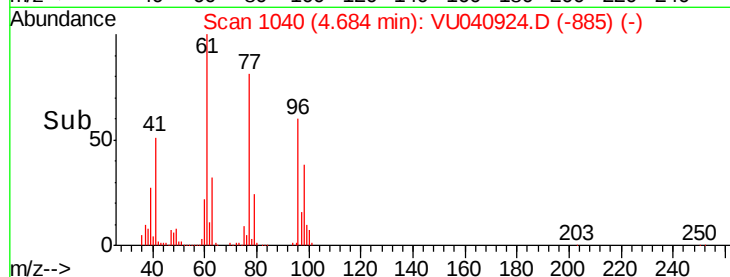
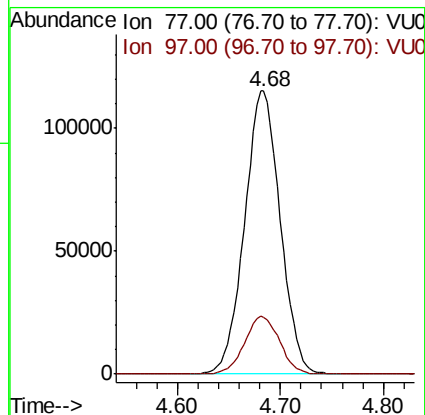
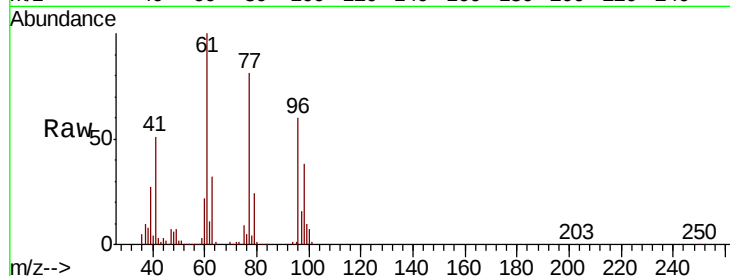
VSTDCCC010EC

Tot Ion: 77 Resp: 276203

Ion Ratio Lower Upper

77 100

97 20.1 16.0 24.0



#22

cis-1,2-Dichloroethene

Concen: 9.271 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

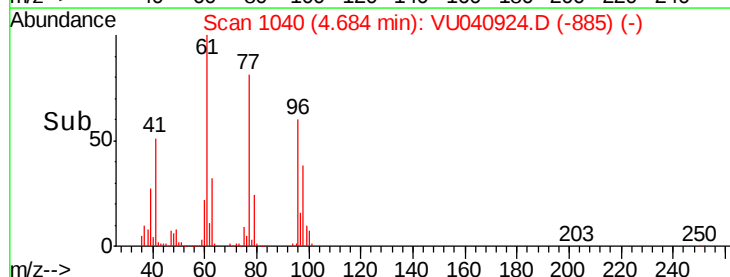
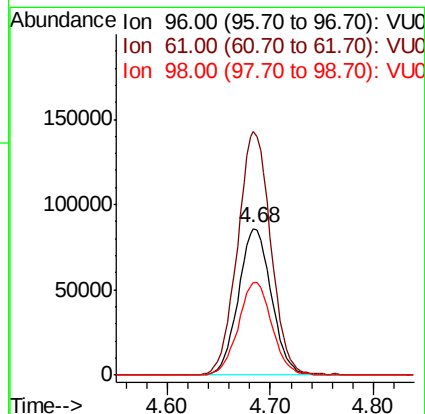
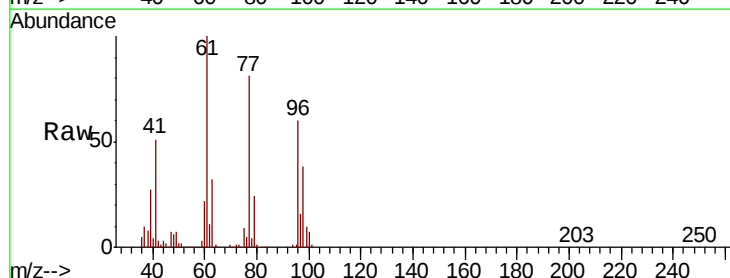
Tgt Ion: 96 Resp: 191434

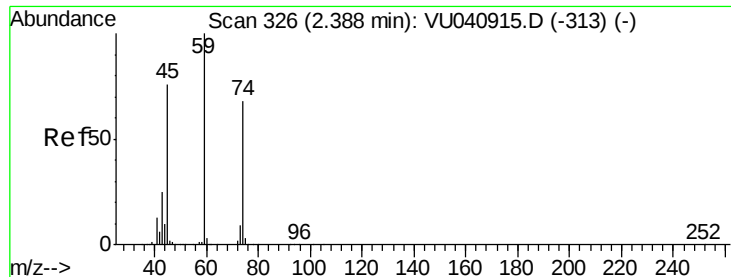
Ion Ratio Lower Upper

96 100

61 167.1 0.0 434.5

98 64.3 32.6 97.8

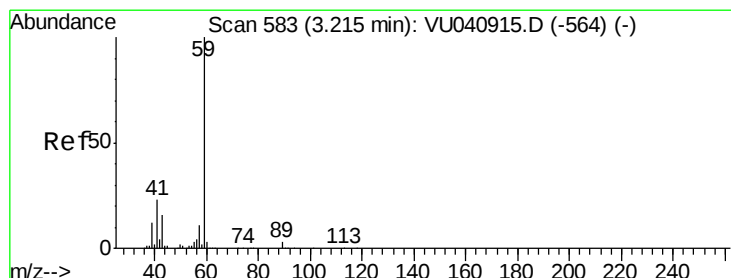
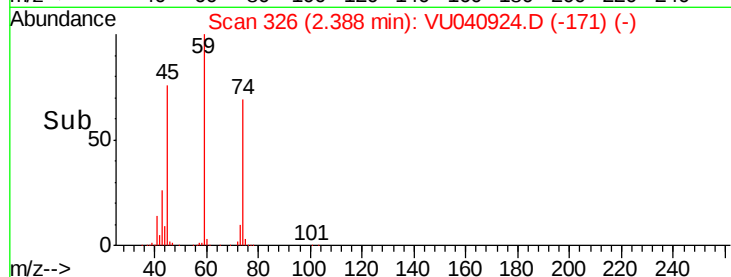
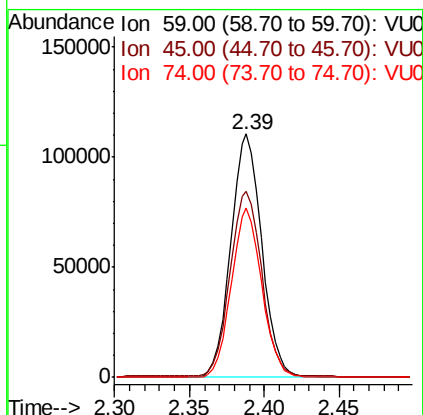
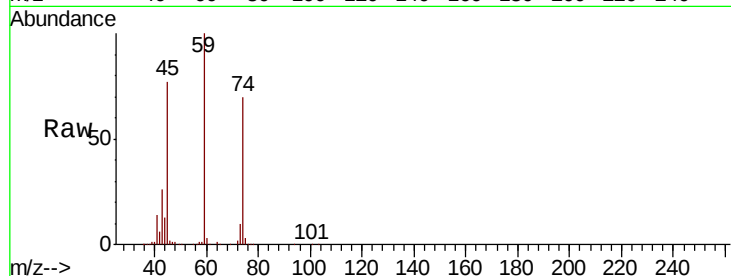




#23
Diethyl Ether
Concen: 9.441 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

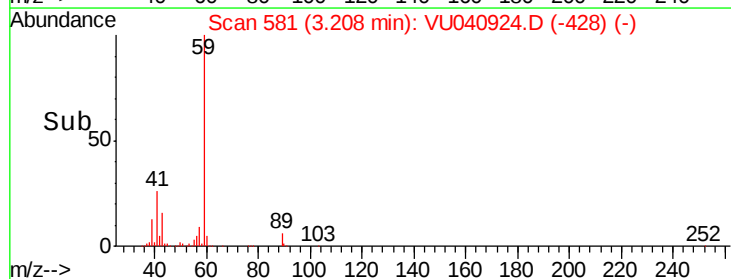
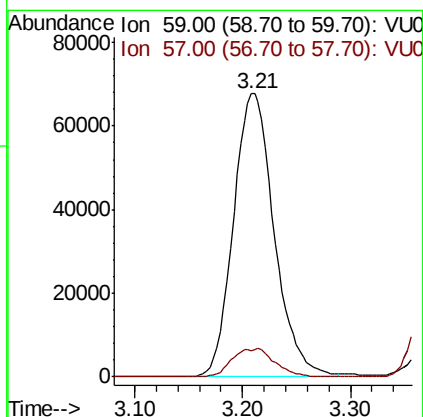
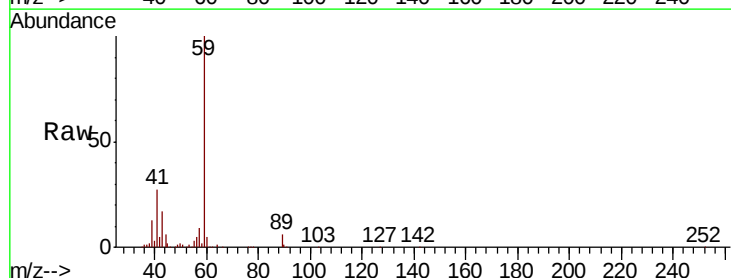
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

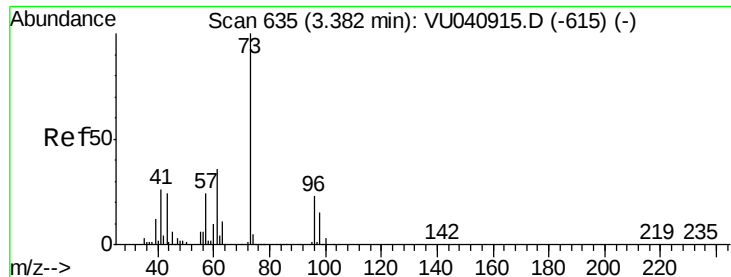
Tot Ion	Ratio	Lower	Upper
59	100		
45	78.3	61.4	92.2
74	68.4	55.0	82.4



#24
tert-Butyl Alcohol
Concen: 94.488 ug/l
RT: 3.21 min Scan# 581
Delta R.T. -0.01 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6



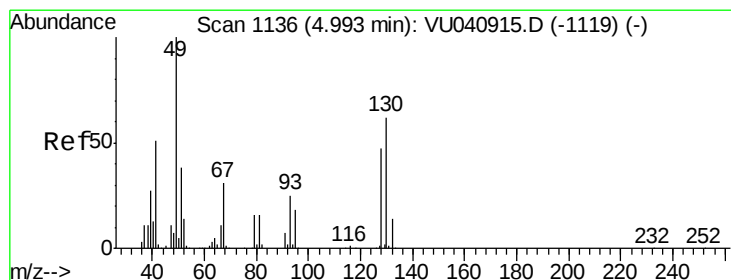
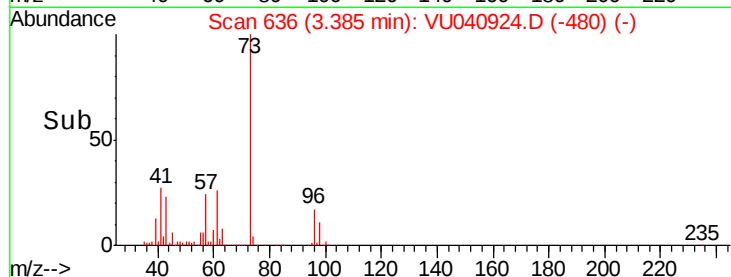
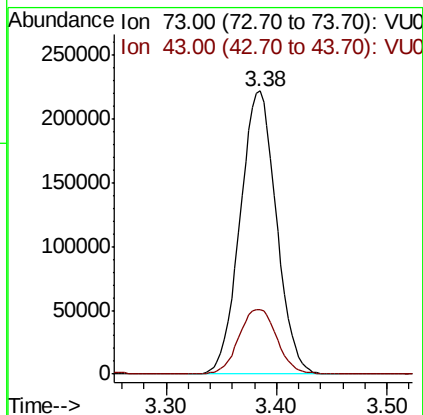
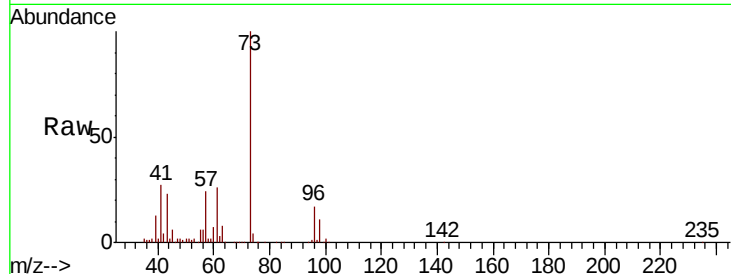


#25

Methyl tert-Butyl Ether
 Concen: 9.518 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

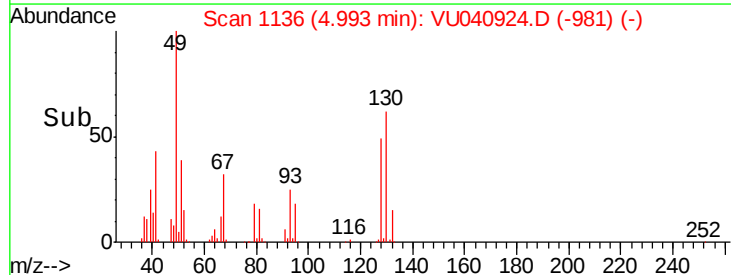
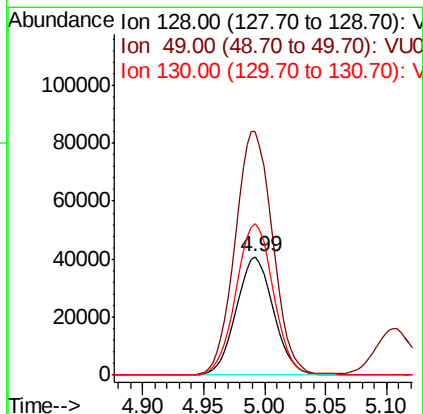
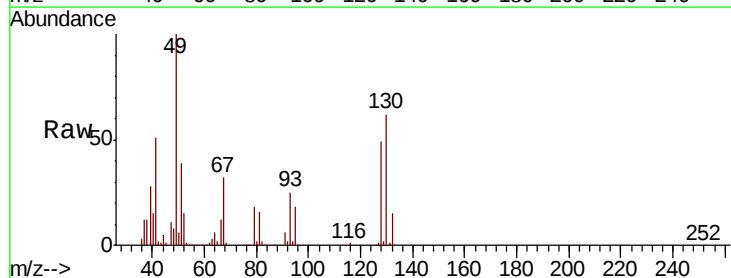
Tot Ion: 73 Resp: 504826
 Ion Ratio Lower Upper
 73 100
 43 23.8 19.0 28.6

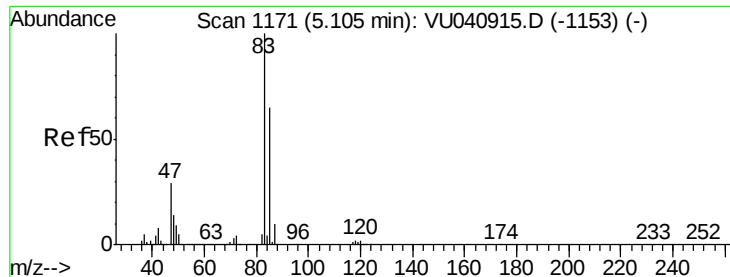


#26

Bromochloromethane
 Concen: 9.630 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion: 128 Resp: 86431
 Ion Ratio Lower Upper
 128 100
 49 208.3 0.0 426.4
 130 127.8 106.2 159.4

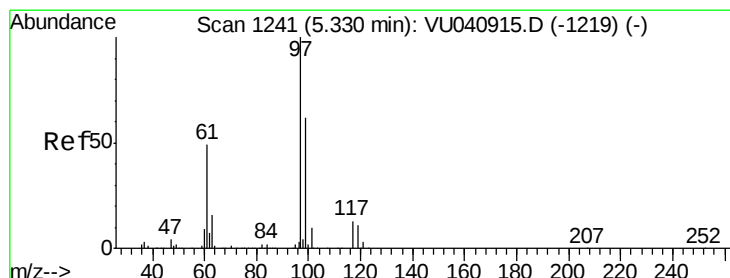
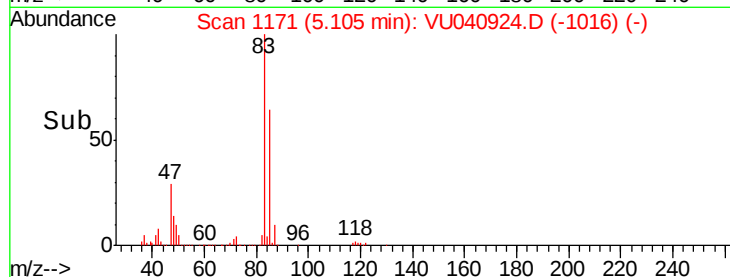
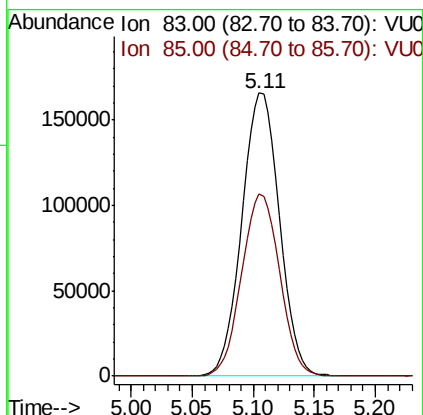
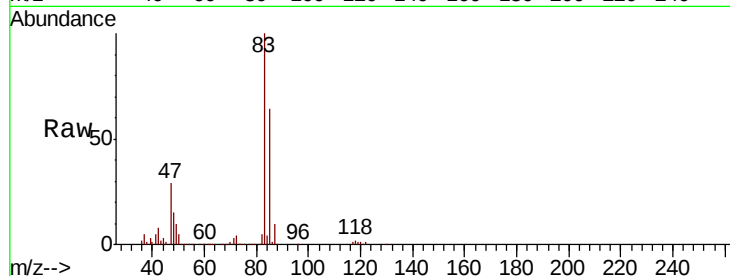




#27
Chloroform
Concen: 9.354 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

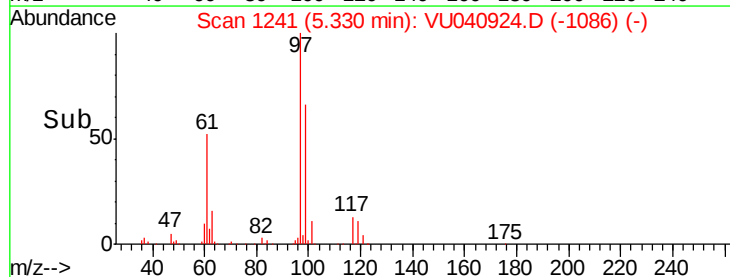
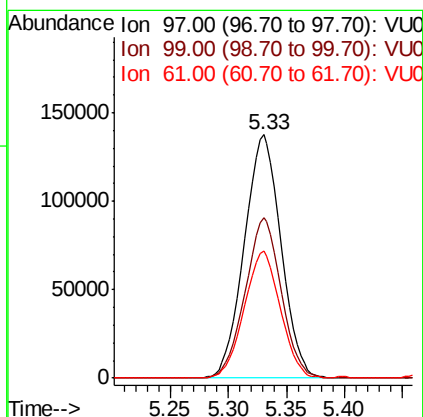
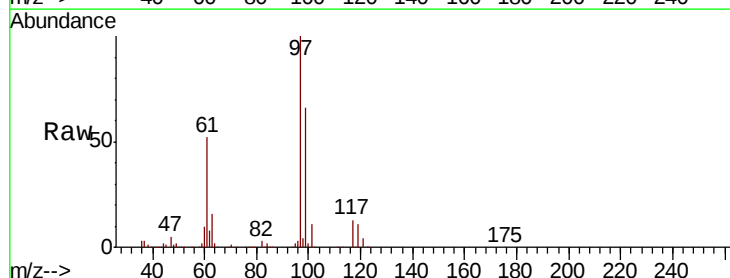
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

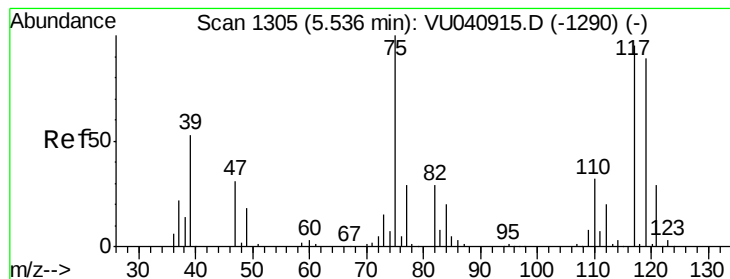
Tot Ion: 83 Resp: 353850
Ion Ratio Lower Upper
83 100
85 64.3 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 9.312 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 97 Resp: 303722
Ion Ratio Lower Upper
97 100
99 64.6 31.4 94.3
61 51.1 24.7 74.1





#29

1,1-Dichloropropene

Concen: 9.510 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

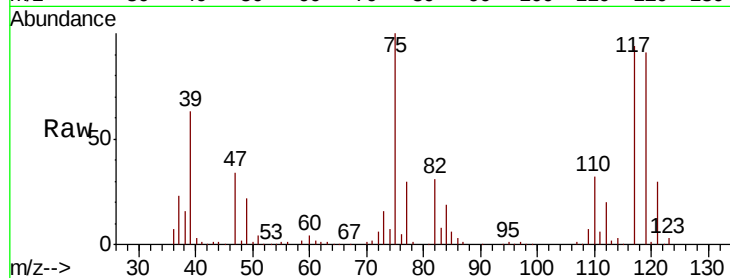
Tot Ion: 75 Resp: 271750

Ion Ratio Lower Upper

75 100

110 31.5 15.9 47.6

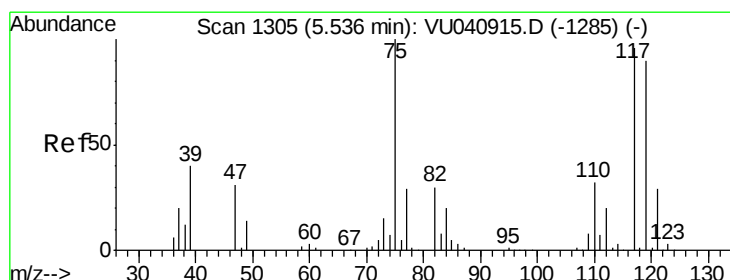
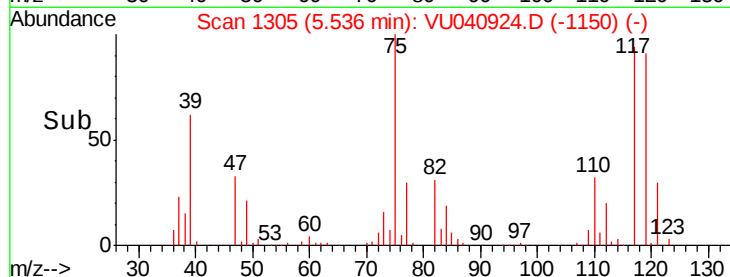
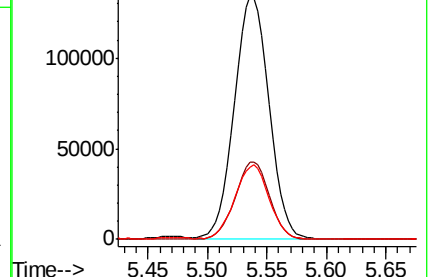
77 30.0 24.2 36.2



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: 9.230 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

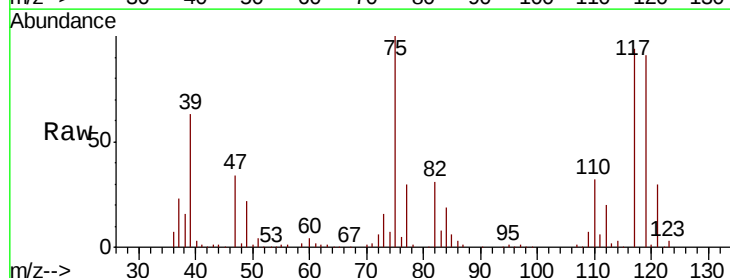
Tgt Ion: 117 Resp: 272464

Ion Ratio Lower Upper

117 100

119 96.7 74.9 112.3

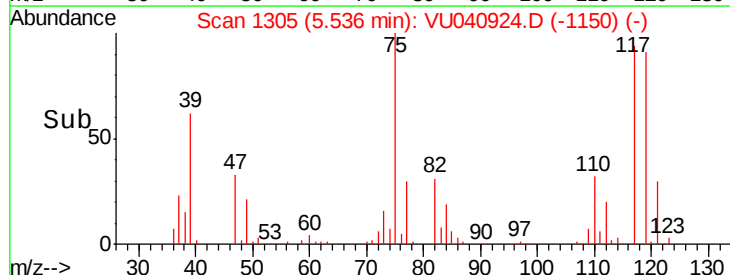
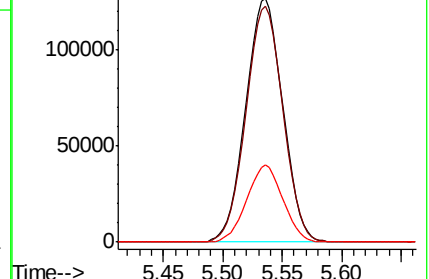
121 31.5 24.1 36.1

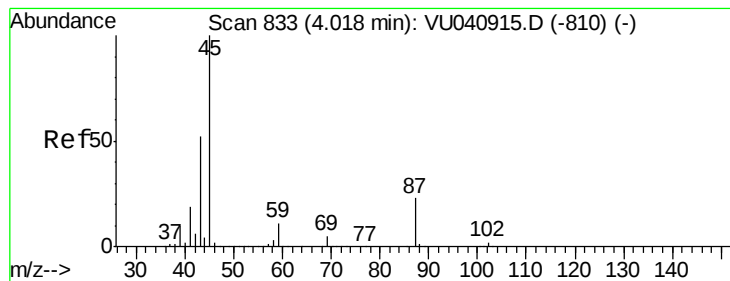


Abundance Ion 117.00 (116.70 to 117.70): VU040915.D (-1285) (-)

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: 9.331 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

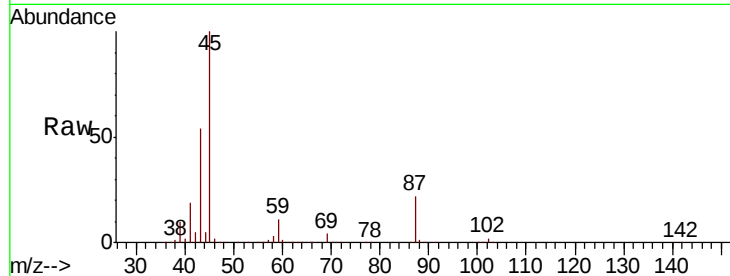
VSTDCCC010EC

Tot Ion: 45 Resp: 571157

Ion Ratio Lower Upper

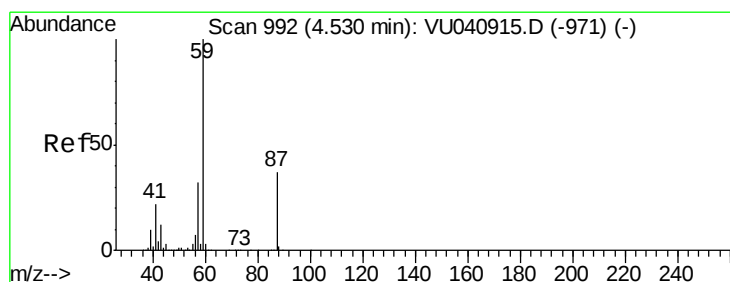
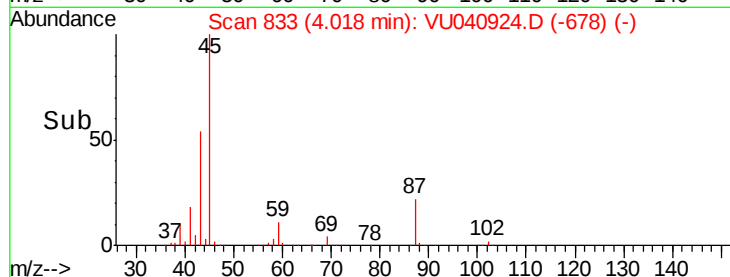
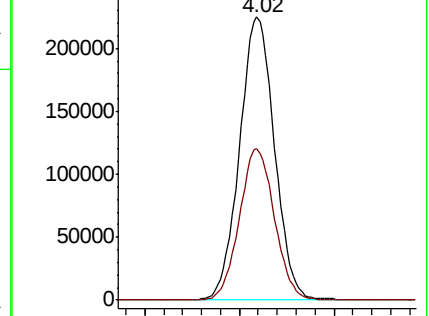
45 100

43 54.0 26.8 80.3



Abundance Ion 45.00 (44.70 to 45.70): VU040924.D (-810) (-)

Ion 43.00 (42.70 to 43.70): VU040924.D (-810) (-)



#32

Ethyl-t-butyl ether

Concen: 9.432 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040924.D

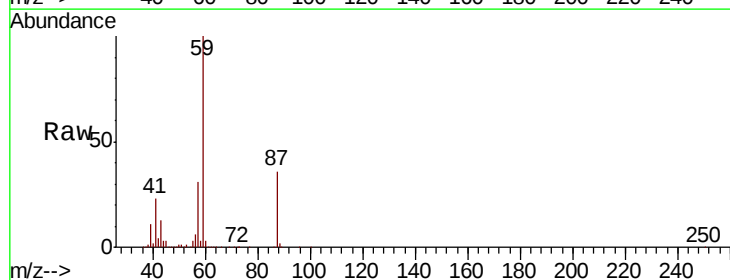
Acq: 23 Oct 2020 01:49

Tgt Ion: 59 Resp: 508443

Ion Ratio Lower Upper

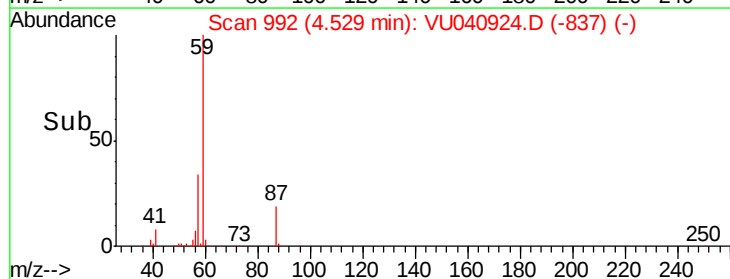
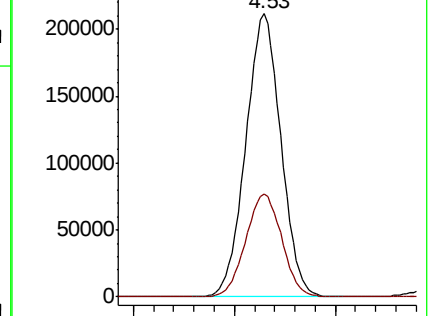
59 100

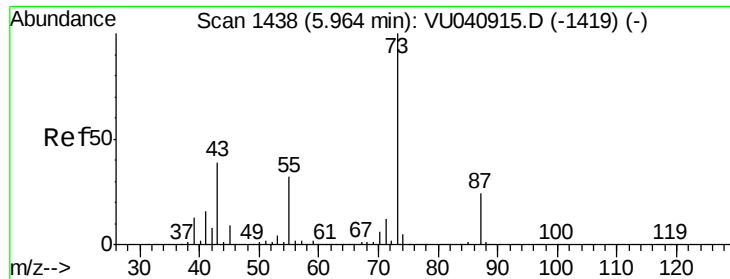
87 37.4 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040924.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040924.D (-837) (-)

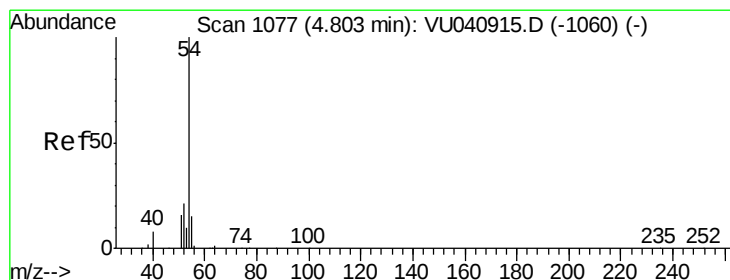
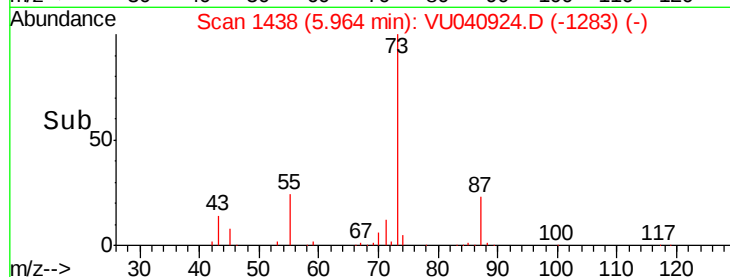
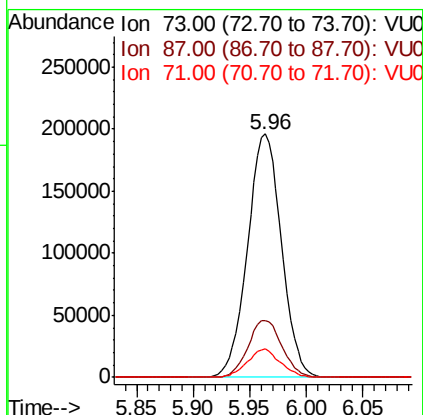
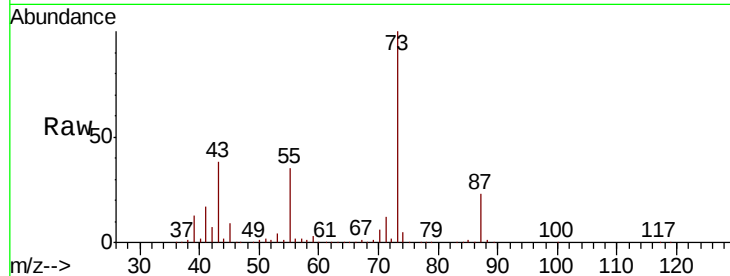




#33
Tert-Butyl methyl ether
Concen: 10.154 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

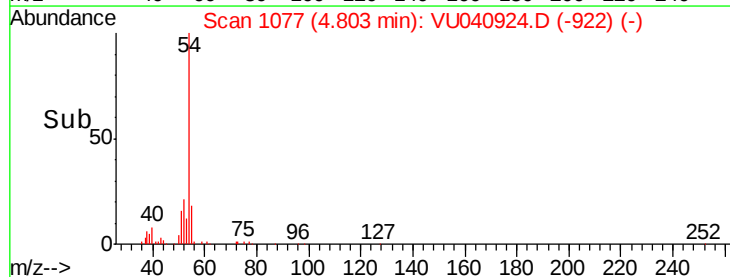
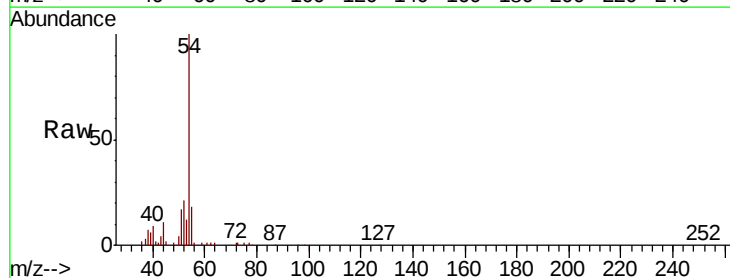
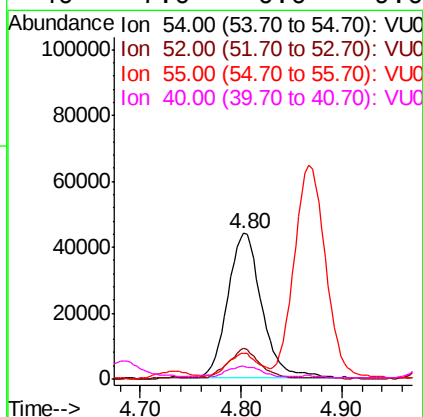
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

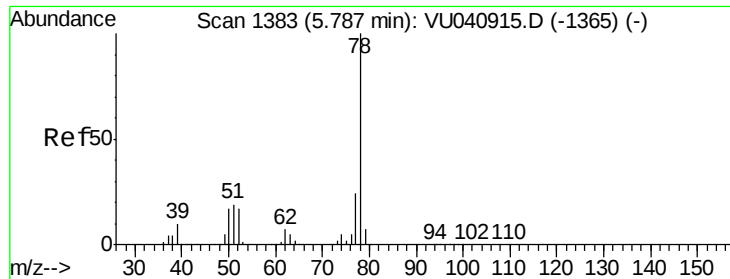
Tot Ion: 73 Resp: 407676
Ion Ratio Lower Upper
73 100
87 23.5 19.0 28.4
71 11.5 9.7 14.5



#34
Propionitrile
Concen: 46.159 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 54 Resp: 103437
Ion Ratio Lower Upper
54 100
52 19.3 15.5 23.3
55 16.6 12.5 18.7
40 7.0 6.0 9.0





#35

Benzene

Concen: 9.575 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

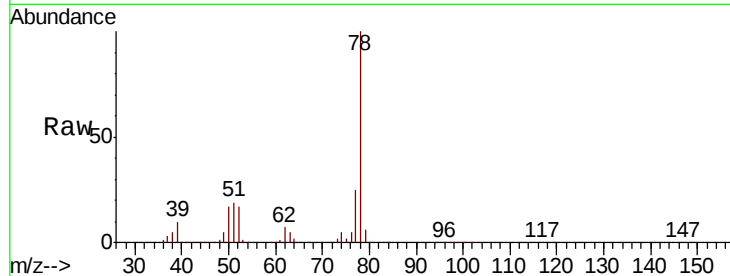
VSTDCCC010EC

Tot Ion: 78 Resp: 758450

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040924.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU040924.D (-1228) (-)

5.79

400000

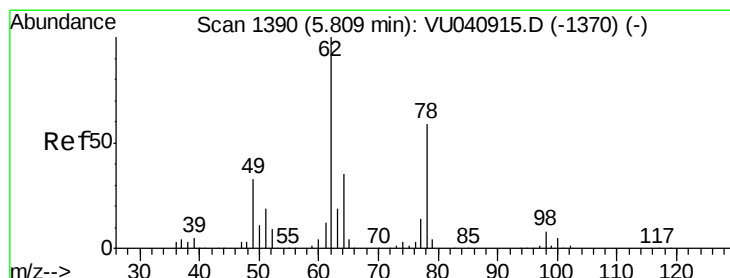
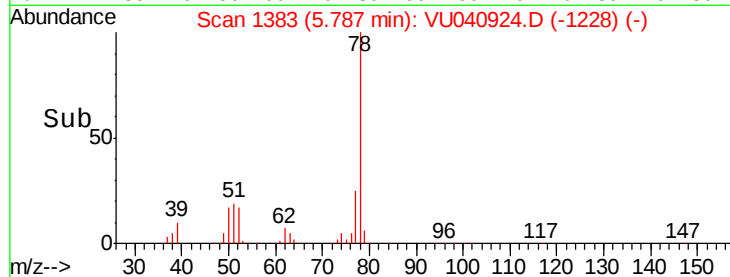
300000

200000

100000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.444 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU040924.D

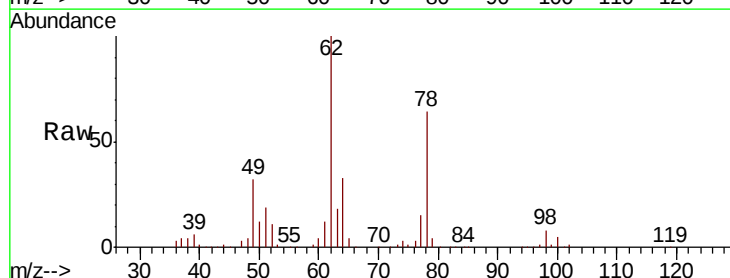
Acq: 23 Oct 2020 01:49

Tgt Ion: 62 Resp: 277293

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040924.D (-1235) (-)

Ion 98.00 (97.70 to 98.70): VU040924.D (-1235) (-)

5.81

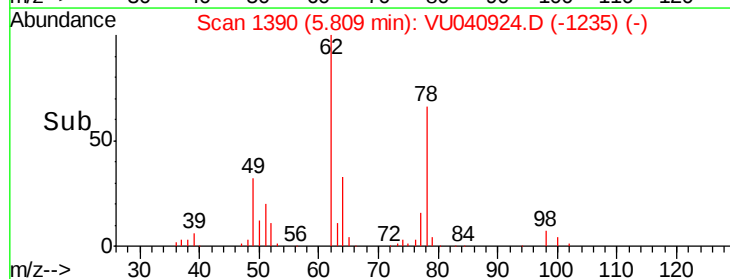
150000

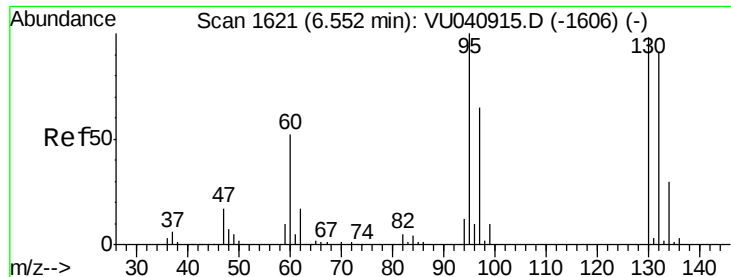
100000

50000

0

Time-->

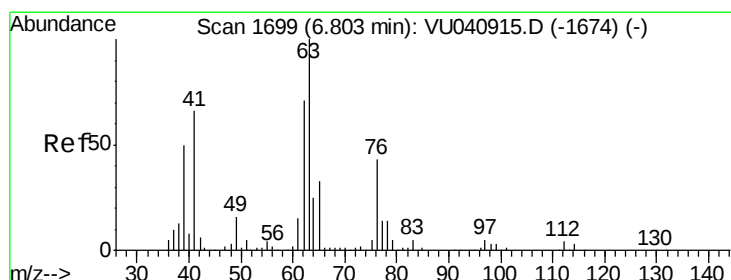
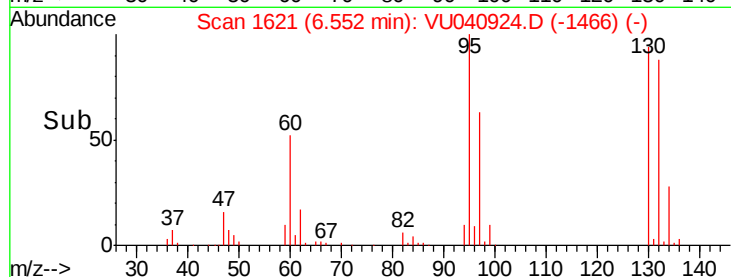
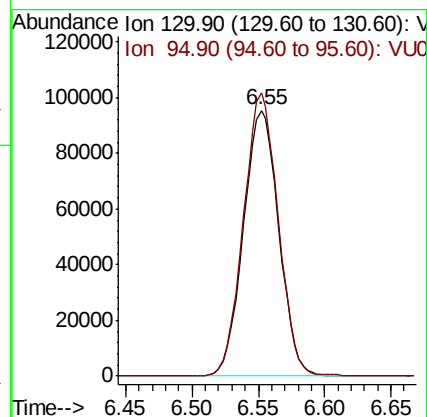
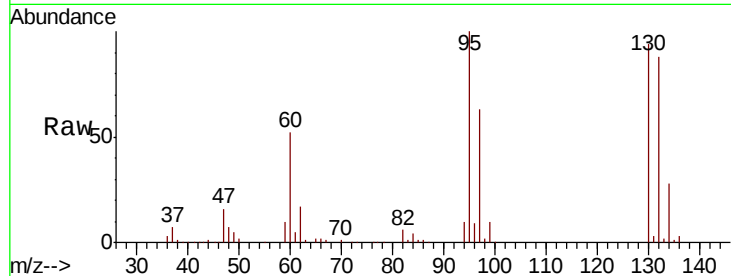




#37
 Trichloroethene
 Concen: 9.462 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

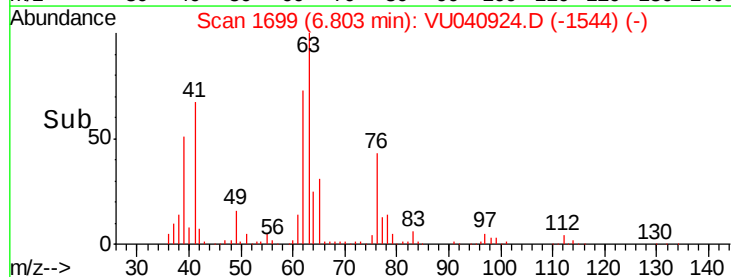
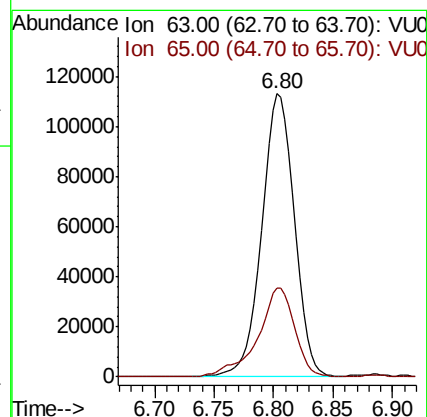
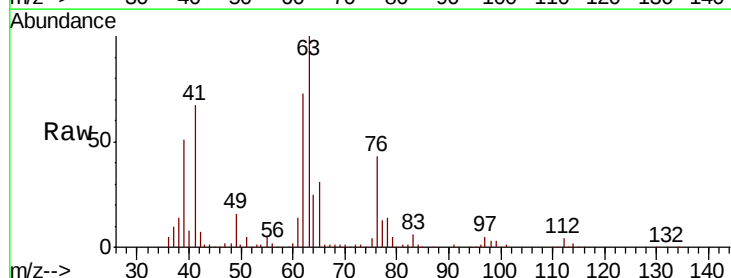
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

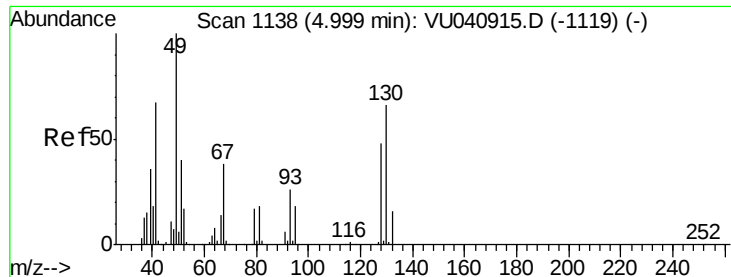
Tot Ion:130 Resp: 177179
 Ion Ratio Lower Upper
 130 100
 95 106.4 81.9 122.9



#38
 1,2-Dichloropropane
 Concen: 9.579 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion: 63 Resp: 215280
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.2 39.2

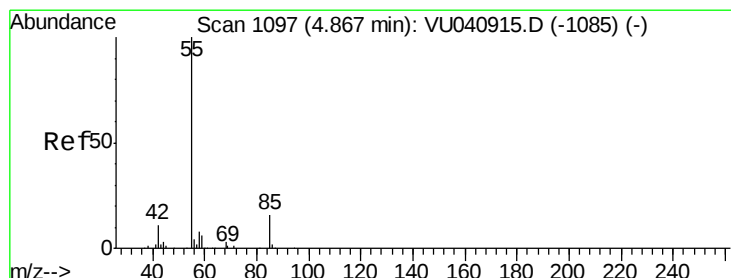
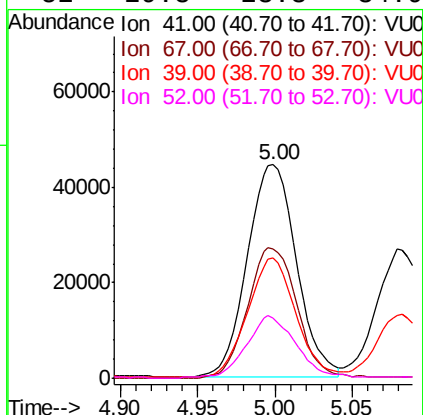
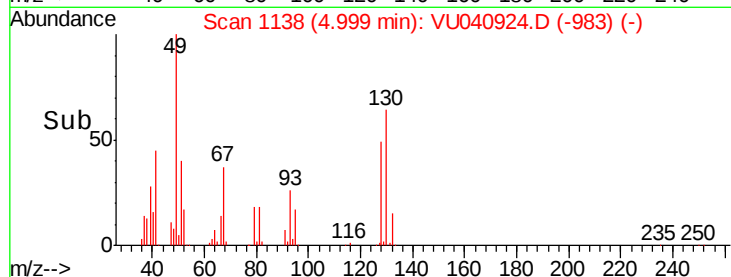
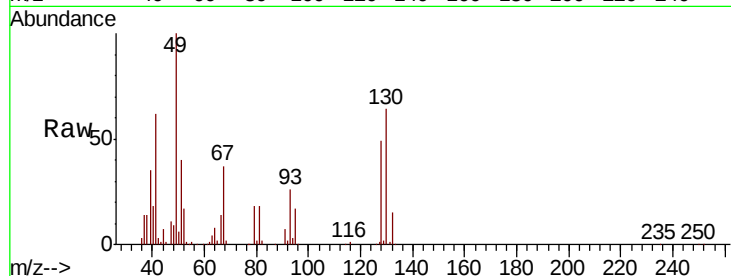




#39
Methacrylonitrile
Concen: 9.377 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

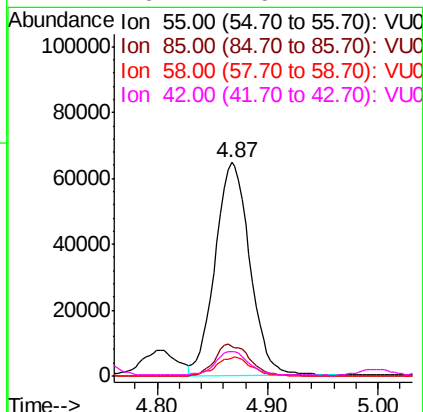
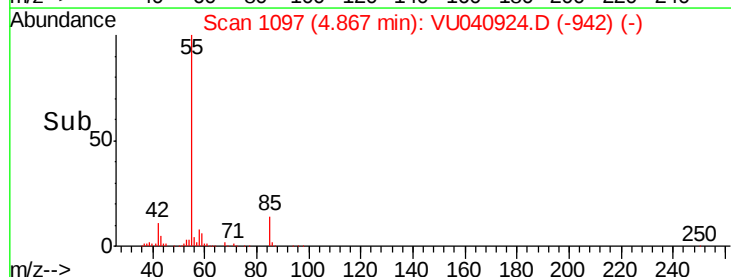
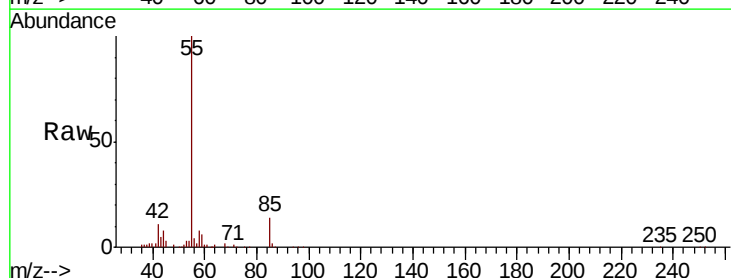
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

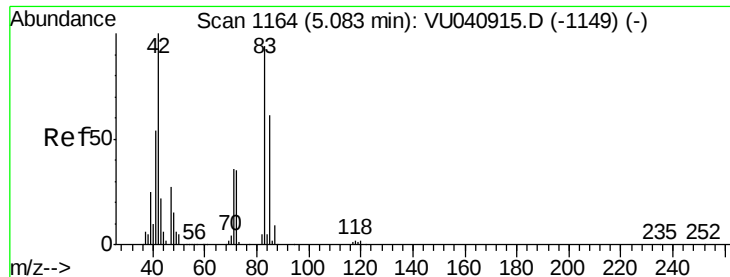
Tot Ion:	41	Resp:	98507
Ion	Ratio	Lower	Upper
41	100		
67	62.3	48.7	73.1
39	55.0	44.6	67.0
52	29.8	23.3	34.9



#40
Methyl acrylate
Concen: 9.776 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion:	55	Resp:	140829
Ion	Ratio	Lower	Upper
55	100		
85	15.0	12.2	18.2
58	8.8	6.8	10.2
42	10.7	9.4	14.2





#41

Tetrahydrofuran

Concen: 18.481 ug/l

RT: 5.08 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

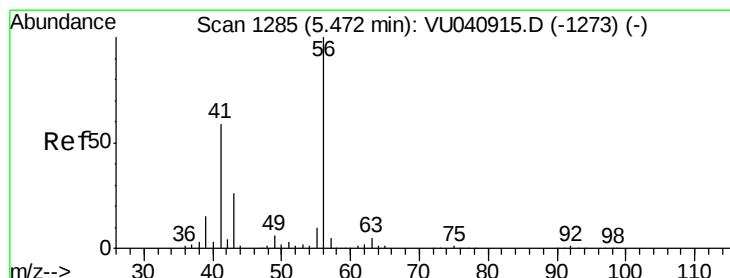
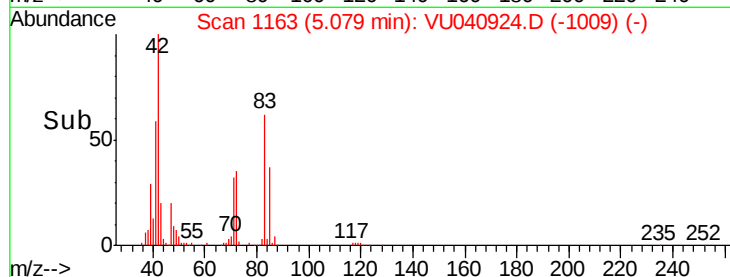
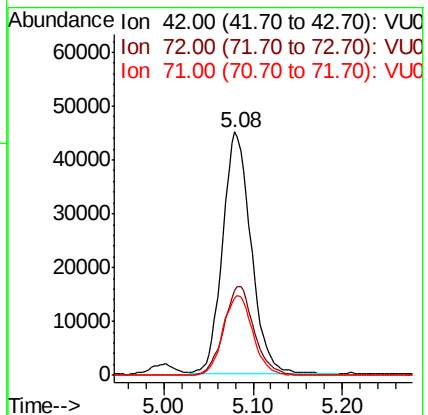
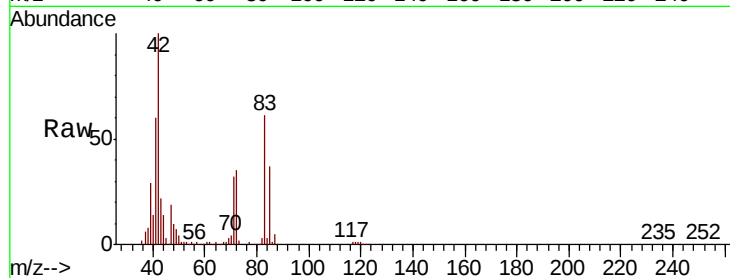
Tot Ion: 42 Resp: 99872

Ion Ratio Lower Upper

42 100

72 38.7 30.1 45.1

71 34.2 27.9 41.9



#42

1-Chlorobutane

Concen: 9.363 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU040924.D

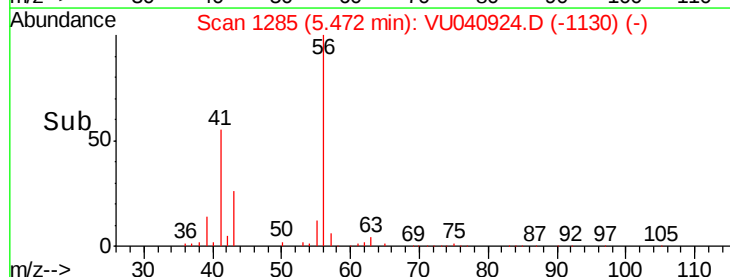
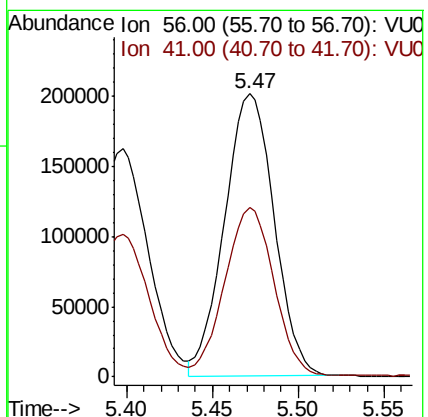
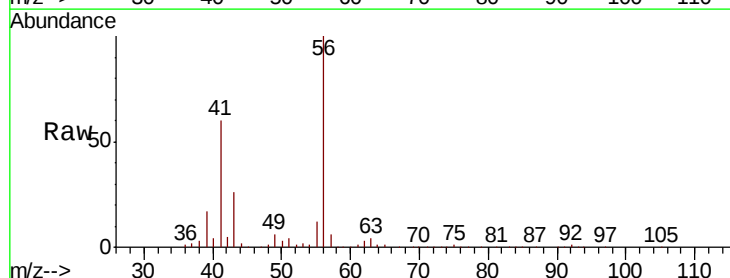
Acq: 23 Oct 2020 01:49

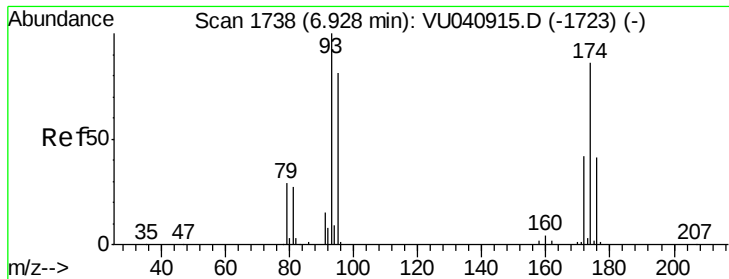
Tgt Ion: 56 Resp: 404477

Ion Ratio Lower Upper

56 100

41 58.7 29.6 88.8





#43

Dibromomethane

Concen: 9.524 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

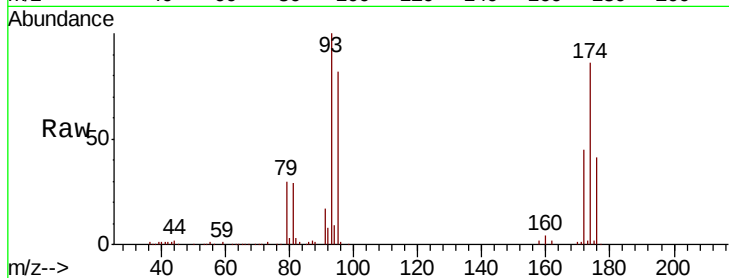
Tot Ion: 93 Resp: 119945

Ion Ratio Lower Upper

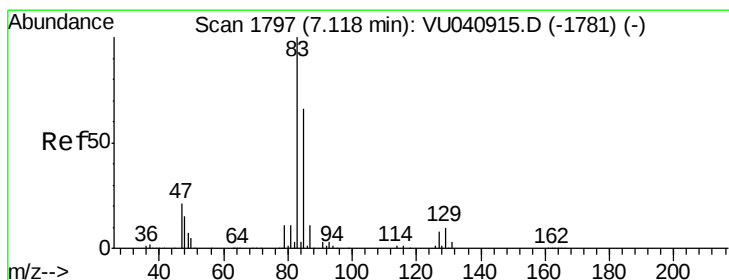
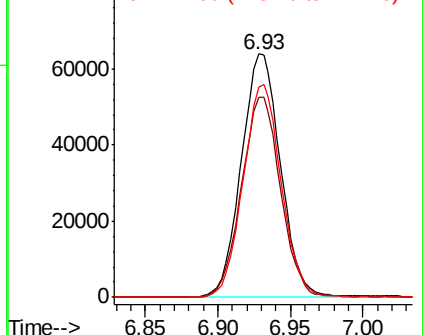
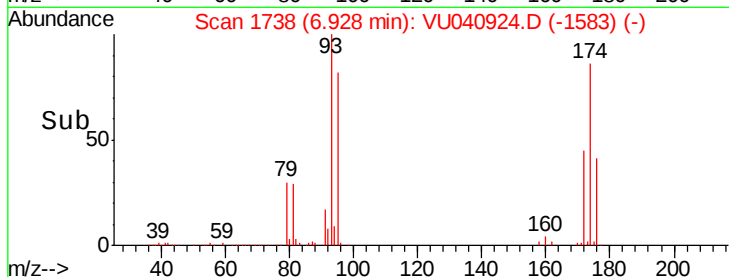
93 100

95 82.5 66.3 99.5

174 85.2 70.4 105.6



Abundance Ion 93.00 (92.70 to 93.70): VU040924.D (-1583) (-)



#44

Bromodichloromethane

Concen: 9.635 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

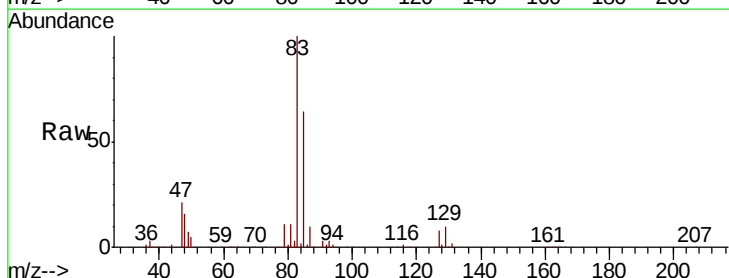
Tgt Ion: 83 Resp: 281742

Ion Ratio Lower Upper

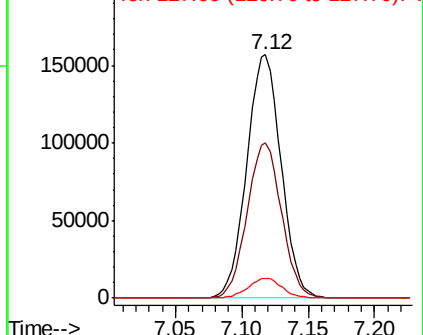
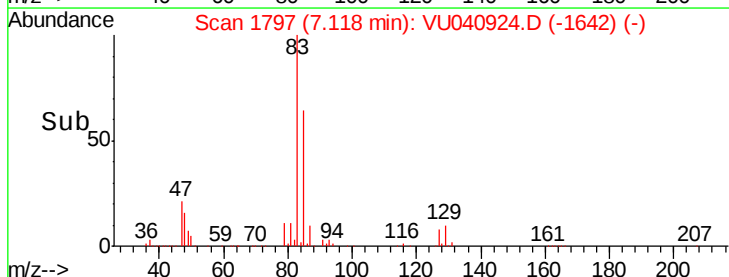
83 100

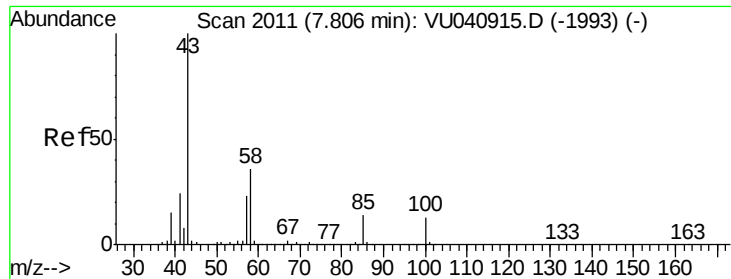
85 63.9 52.6 78.8

127 8.2 6.4 9.6



Abundance Ion 83.00 (82.70 to 83.70): VU040924.D (-1642) (-)

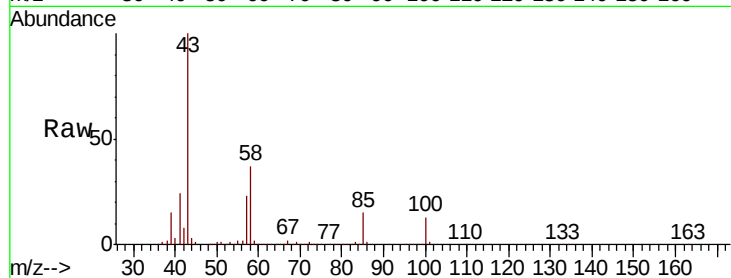




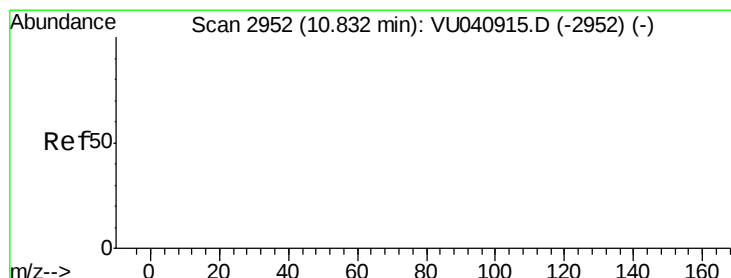
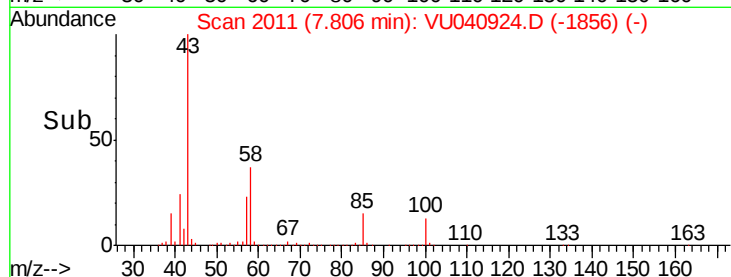
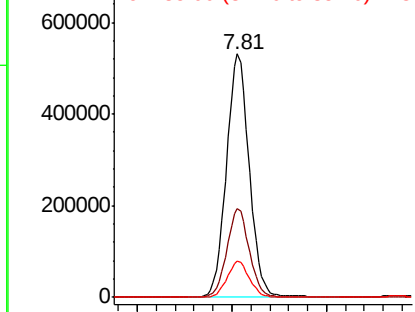
#45
4-Methyl-2-Pentanone
Concen: 53.948 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 892022
Ion Ratio Lower Upper
43 100
58 35.8 17.8 53.5
85 14.6 11.4 17.2

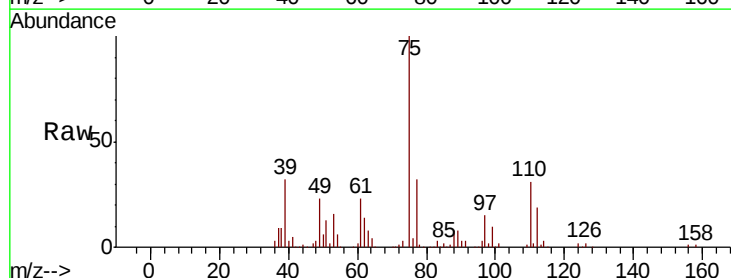


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

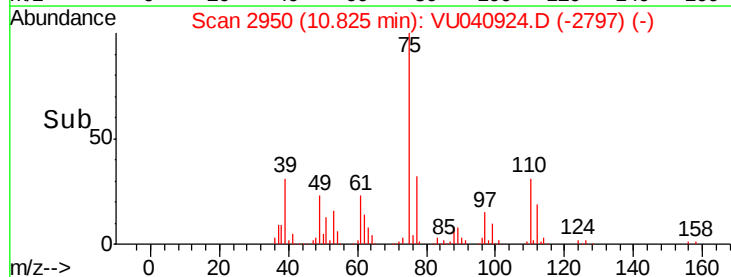
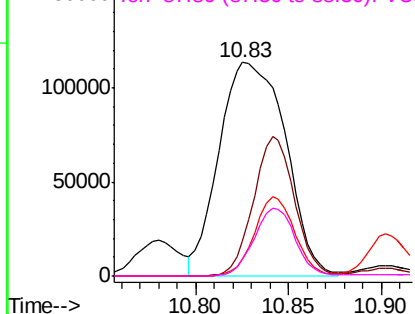


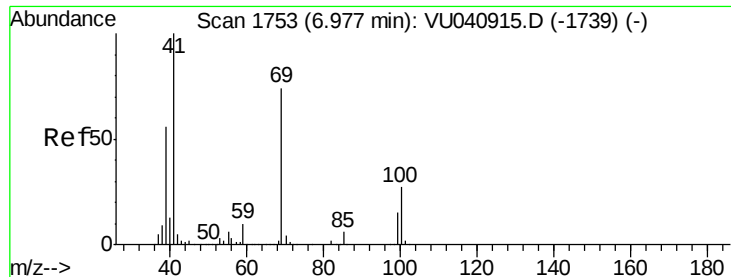
#46
t-1,4-Dichloro-2-butene
Concen: 43.192 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 75 Resp: 282406
Ion Ratio Lower Upper
75 100
53 40.3 73.0 109.4#
89 22.6 41.7 62.5#
88 19.8 34.4 51.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

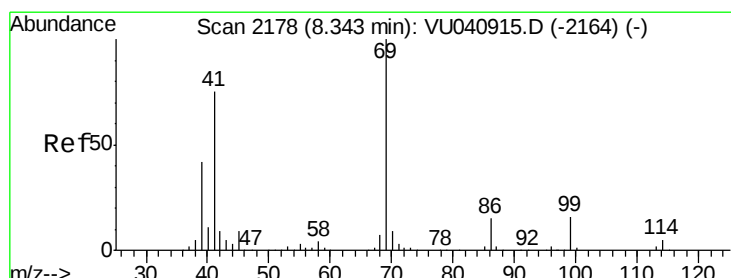
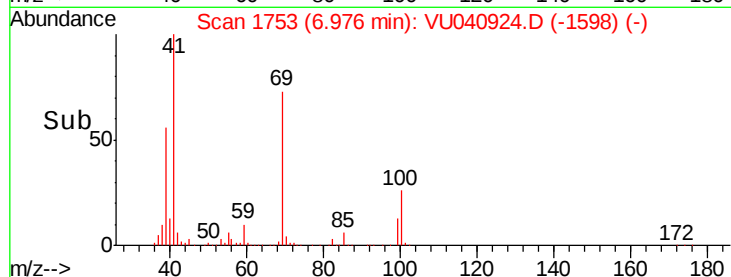
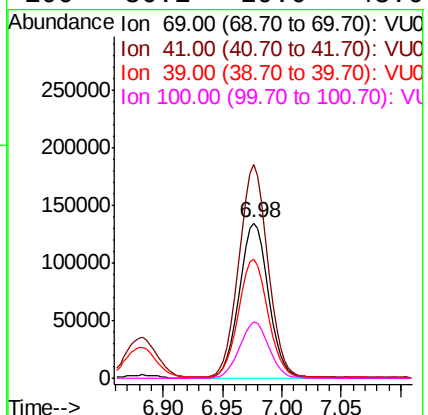
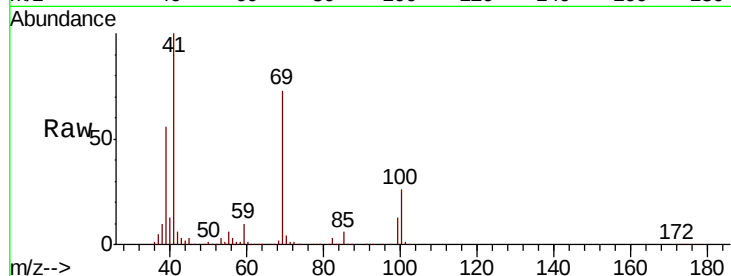




#47
Methvl methacrylate
Concen: 21.953 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

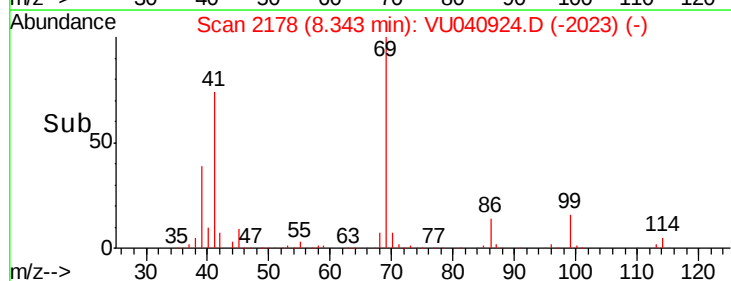
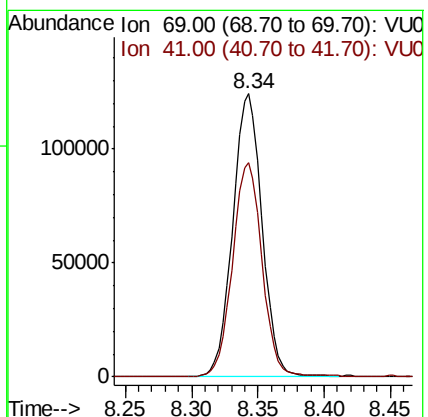
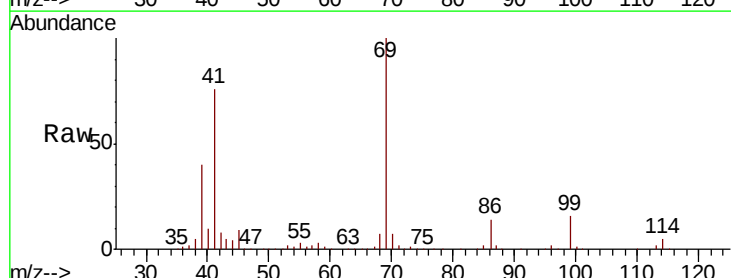
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

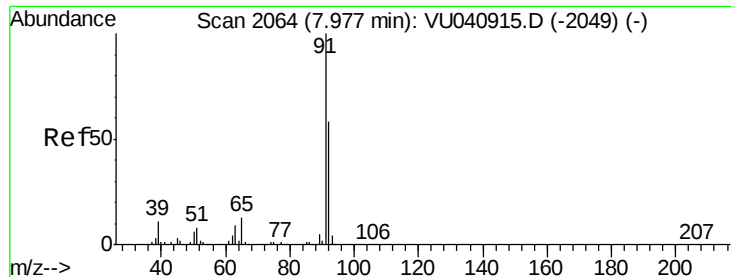
Tot Ion: 69 Resp: 230848
Ion Ratio Lower Upper
69 100
41 135.2 0.0 270.2
39 76.8 61.6 92.4
100 36.1 29.0 43.6



#48
Ethyl methacrylate
Concen: 10.813 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 69 Resp: 191275
Ion Ratio Lower Upper
69 100
41 76.0 37.6 112.9





#49

Toluene

Concen: 10.378 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

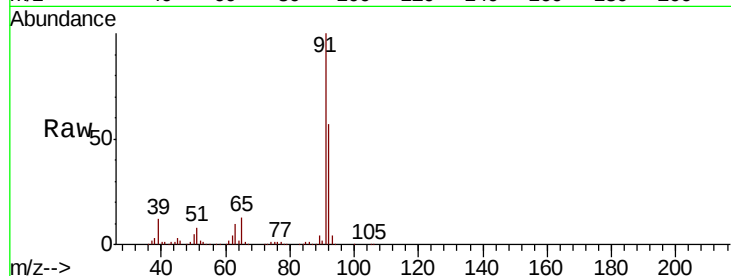
VSTDCCC010EC

Tot Ion: 92 Resp: 452096

Ion Ratio Lower Upper

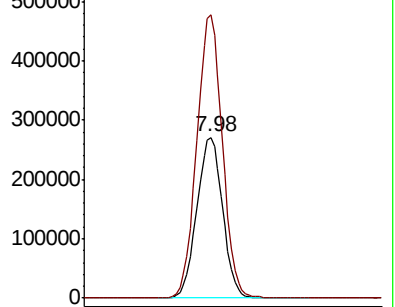
92 100

91 174.5 136.8 205.2

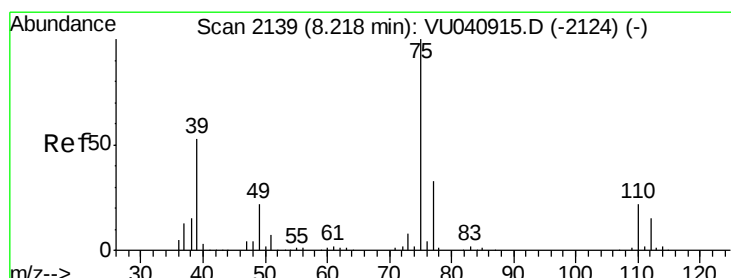
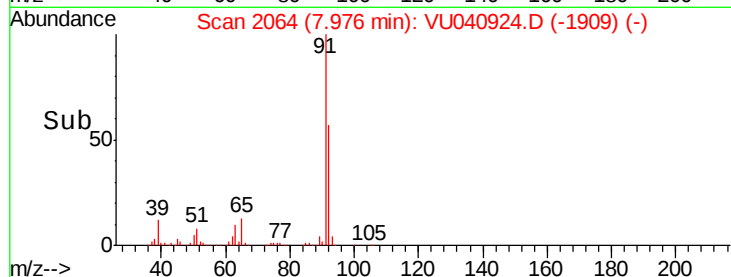


Abundance Ion 92.00 (91.70 to 92.70): VU040924.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU040924.D (-1909) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 9.994 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040924.D

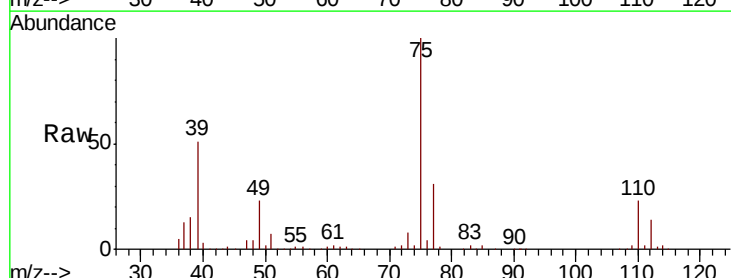
Acq: 23 Oct 2020 01:49

Tgt Ion: 75 Resp: 252565

Ion Ratio Lower Upper

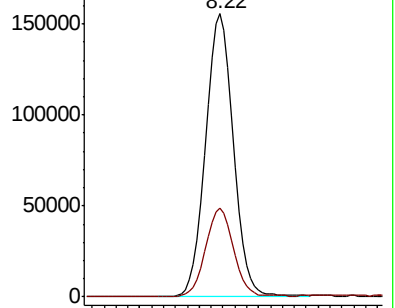
75 100

77 31.1 26.2 39.4

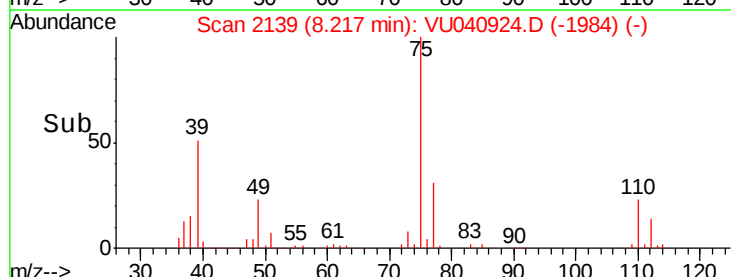


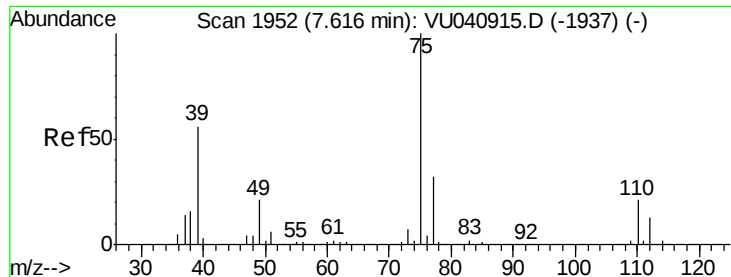
Abundance Ion 75.00 (74.70 to 75.70): VU040924.D (-1984) (-)

Ion 77.00 (76.70 to 77.70): VU040924.D (-1984) (-)



Time-->



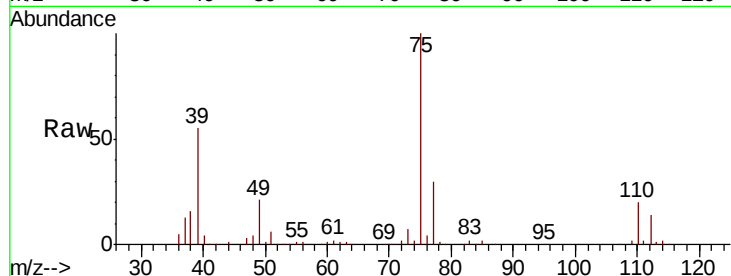


#51

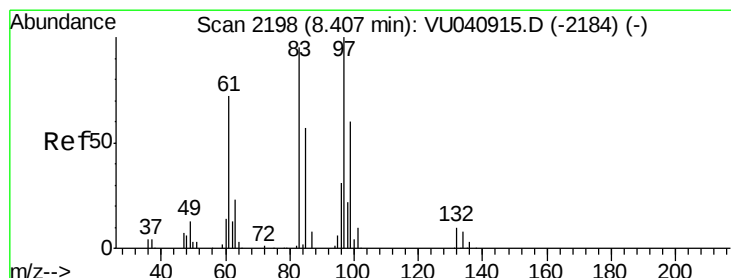
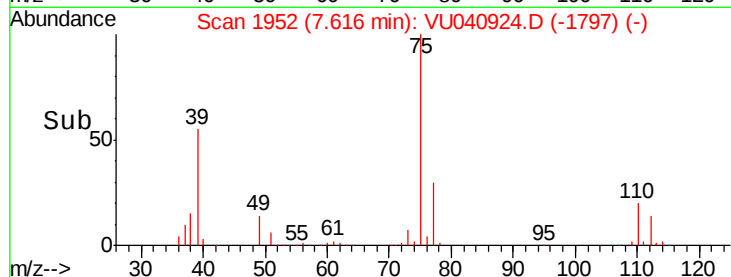
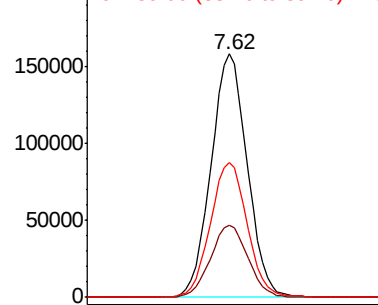
cis-1,3-Dichloropropene
Concen: 9.611 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 75 Resp: 266176
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0
39 54.9 44.7 67.1



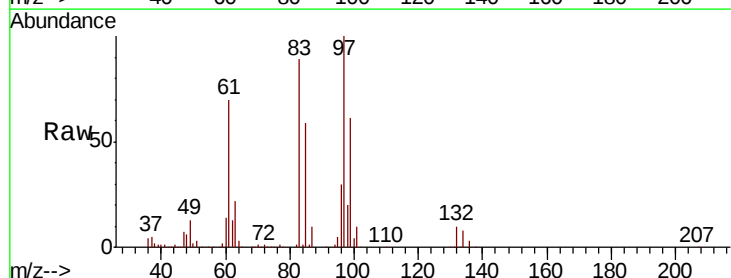
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



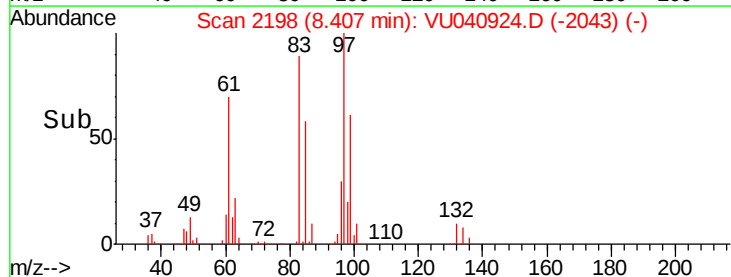
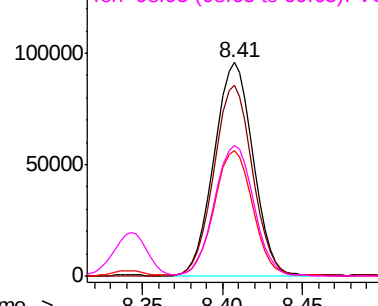
#52

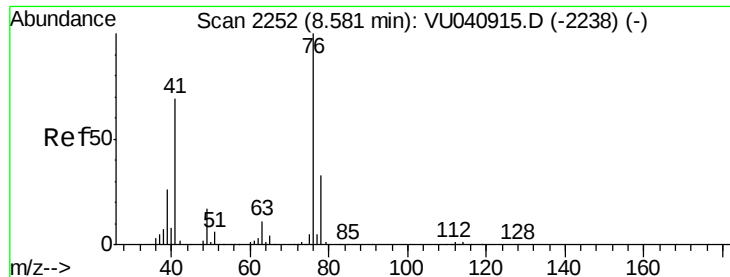
1,1,2-Trichloroethane
Concen: 10.024 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 97 Resp: 159631
Ion Ratio Lower Upper
97 100
83 89.0 75.9 113.9
85 58.1 46.1 69.1
99 61.1 50.0 75.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 84.95 (84.65 to 85.65): VU0
Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 10.029 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

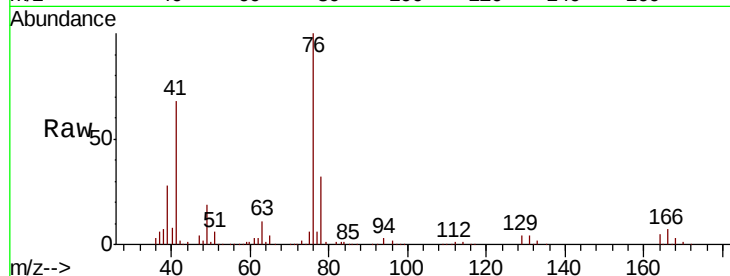
VSTDCCC010EC

Tot Ion: 76 Resp: 286700

Ion Ratio Lower Upper

76 100

78 32.0 26.6 39.8



Abundance Ion 76.00 (75.70 to 76.70): VU040924.D (-2097) (-)

Ion 78.00 (77.70 to 78.70): VU040924.D (-2097) (-)

8.58

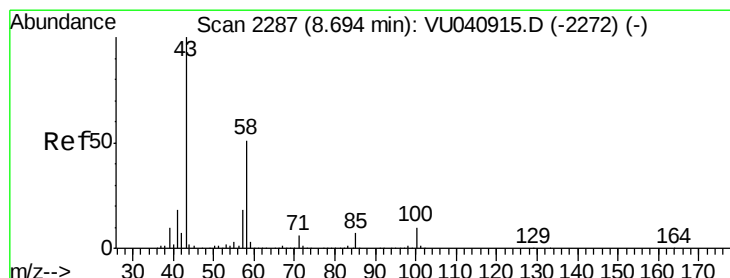
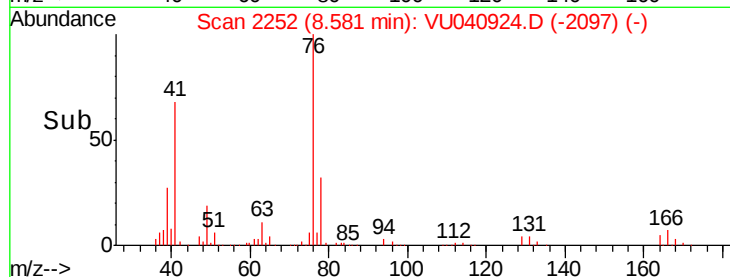
150000

100000

50000

0

Time-->



#54

2-Hexanone

Concen: 53.815 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

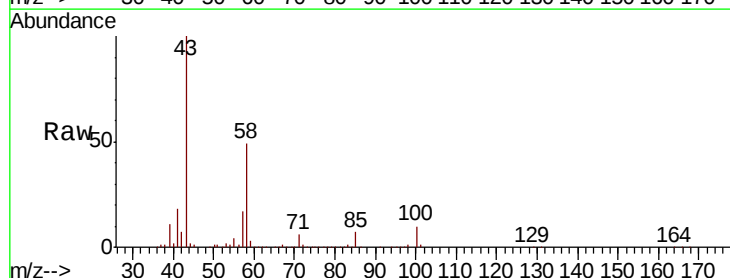
Tgt Ion: 43 Resp: 621668

Ion Ratio Lower Upper

43 100

58 49.5 30.2 70.2

57 17.5 0.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VU040924.D (-2132) (-)

Ion 58.00 (57.70 to 58.70): VU040924.D (-2132) (-)

Ion 57.00 (56.70 to 57.70): VU040924.D (-2132) (-)

8.69

500000

400000

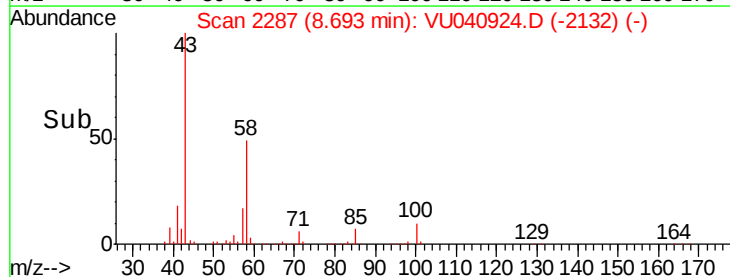
300000

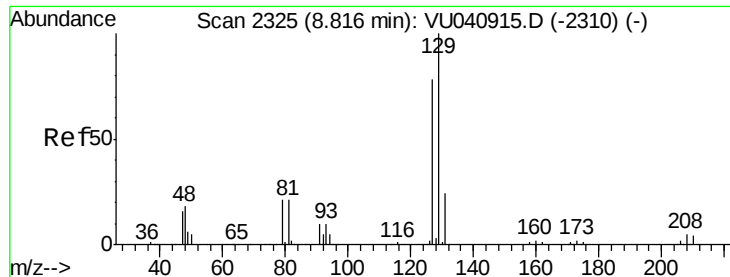
200000

100000

0

Time-->

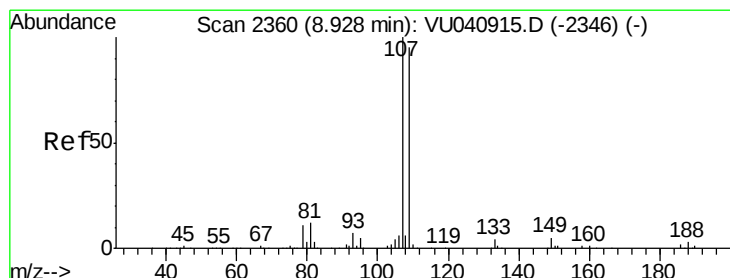
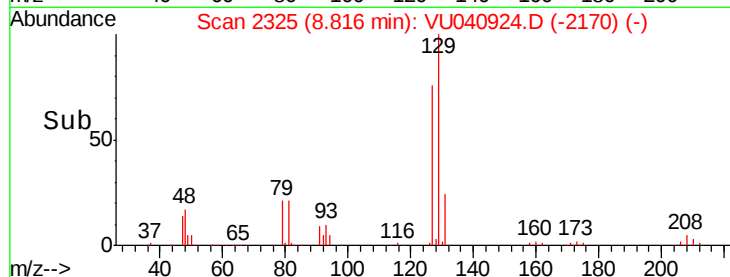
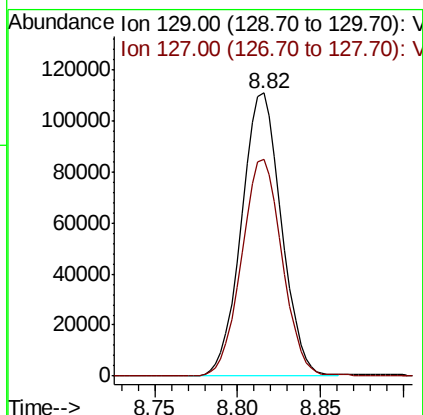
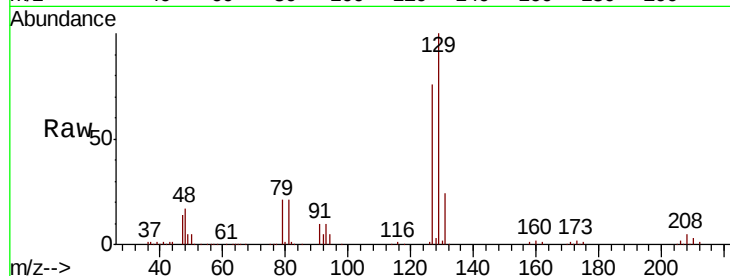




#55
 Dibromochloromethane
 Concen: 9.685 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

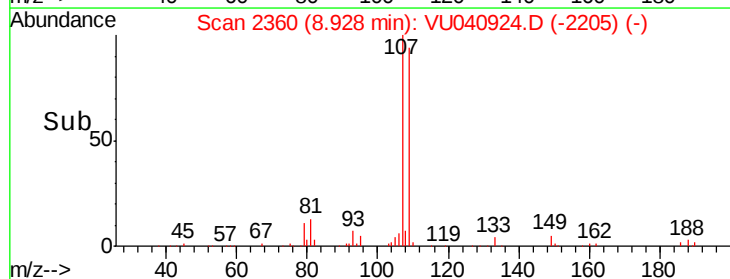
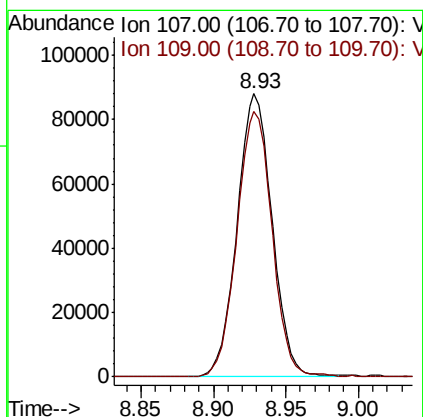
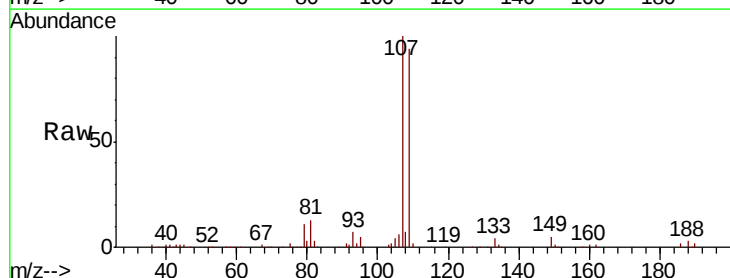
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

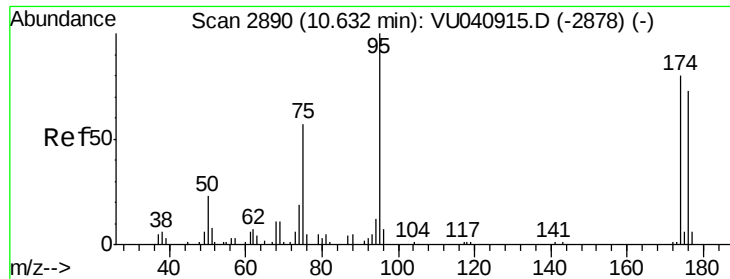
Tot Ion:129 Resp: 184917
 Ion Ratio Lower Upper
 129 100
 127 78.0 63.1 94.7



#56
 1,2-Dibromoethane
 Concen: 9.980 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion:107 Resp: 147352
 Ion Ratio Lower Upper
 107 100
 109 94.4 0.0 190.4





#57

4-Bromofluorobenzene

Concen: 1.034 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

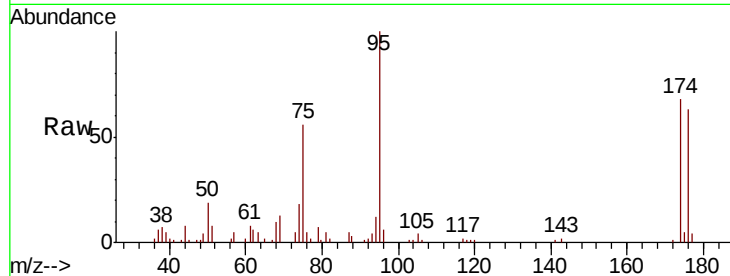
Tot Ion: 95 Resp: 23328

Ion Ratio Lower Upper

95 100

174 68.1 60.3 90.5

176 66.2 55.6 83.4

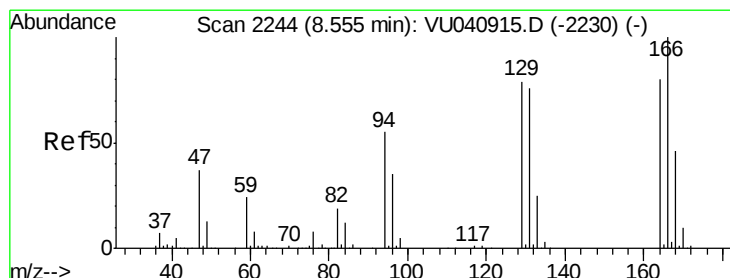
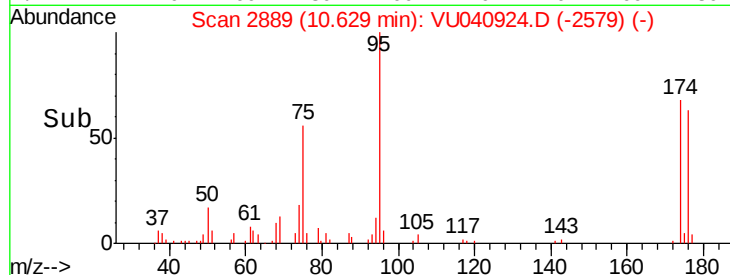
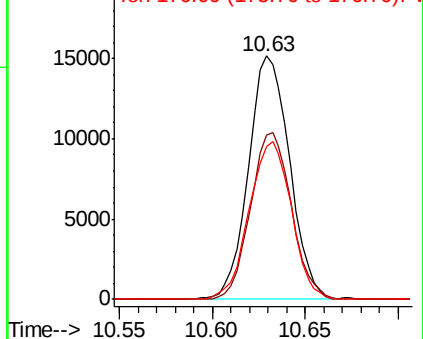


Abundance

Ion 95.00 (94.70 to 95.70): VU040924.D (-2878) (-)

Ion 174.00 (173.70 to 174.70): VU040924.D (-2878) (-)

Ion 176.00 (175.70 to 176.70): VU040924.D (-2878) (-)



#58

Tetrachloroethene

Concen: 9.532 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Tgt Ion: 164 Resp: 166847

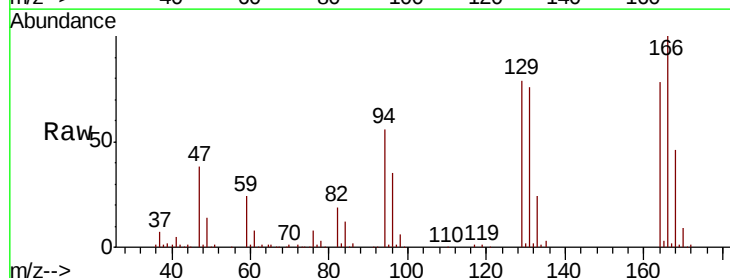
Ion Ratio Lower Upper

164 100

166 129.0 100.3 150.5

129 102.3 79.4 119.0

131 98.4 76.2 114.4



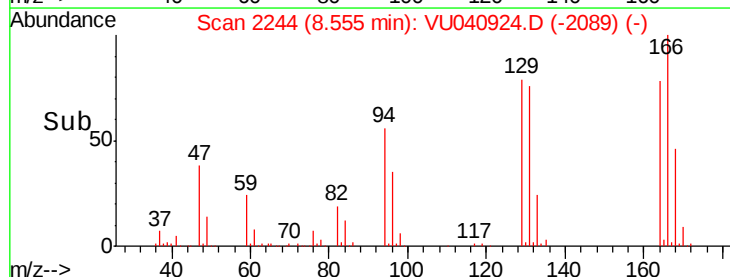
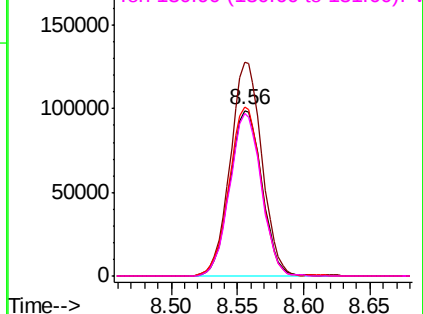
Abundance

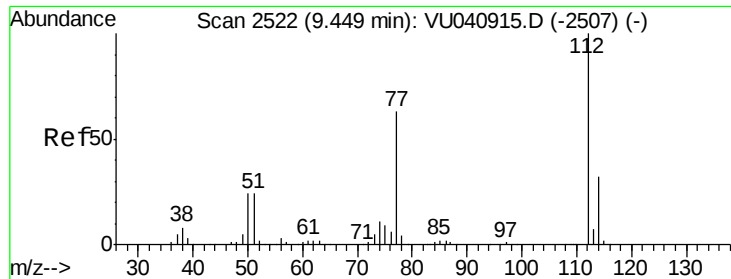
Ion 163.85 (163.55 to 164.55): VU040924.D (-2089) (-)

Ion 165.80 (165.50 to 166.50): VU040924.D (-2089) (-)

Ion 128.90 (128.60 to 129.60): VU040924.D (-2089) (-)

Ion 130.90 (130.60 to 131.60): VU040924.D (-2089) (-)

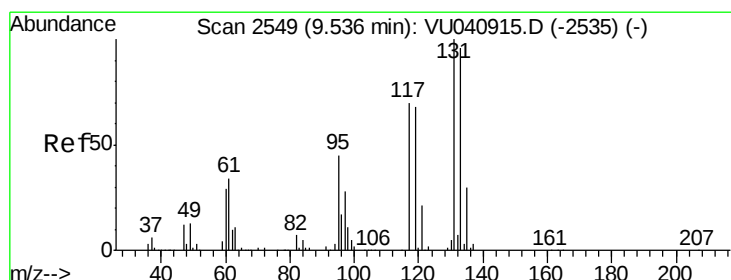
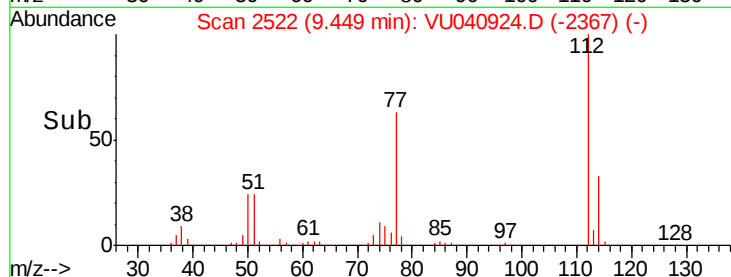
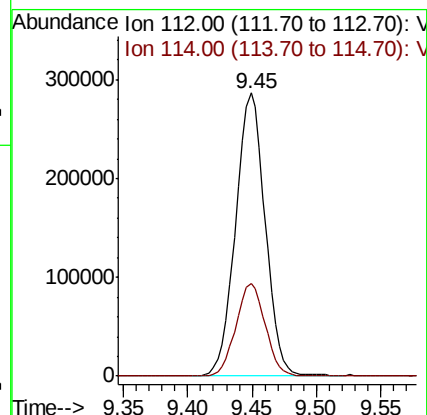
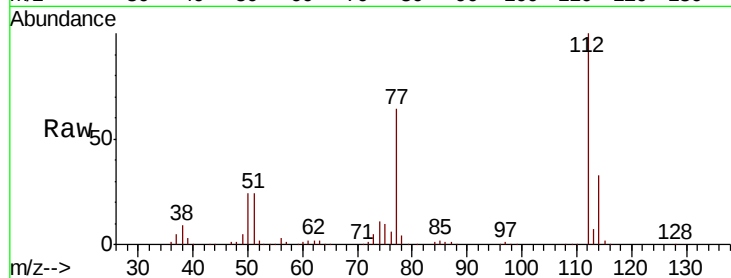




#59
Chlorobenzene
Concen: 9.913 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

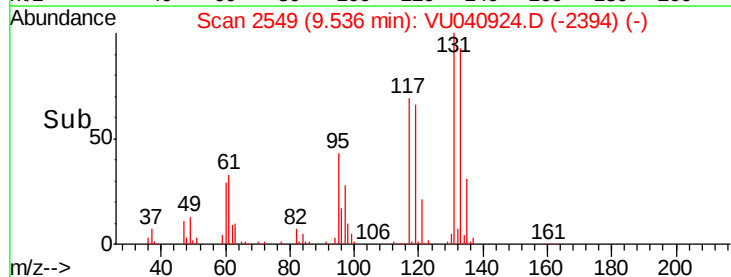
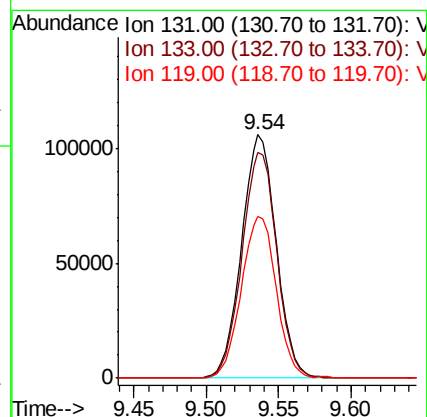
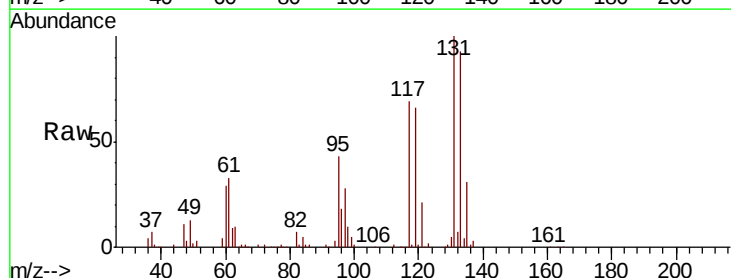
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

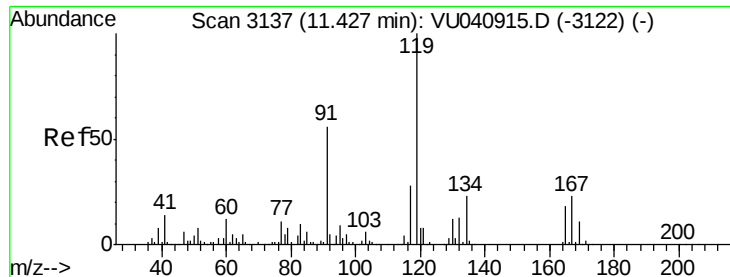
Tot Ion:112 Resp: 457130
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#60
1,1,1,2-Tetrachloroethane
Concen: 9.711 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion:131 Resp: 175955
Ion Ratio Lower Upper
131 100
133 93.4 77.4 116.0
119 66.8 53.5 80.3

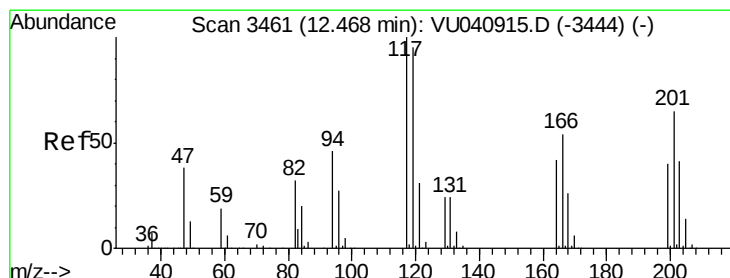
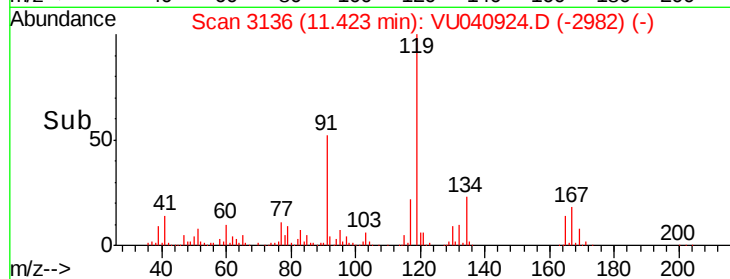
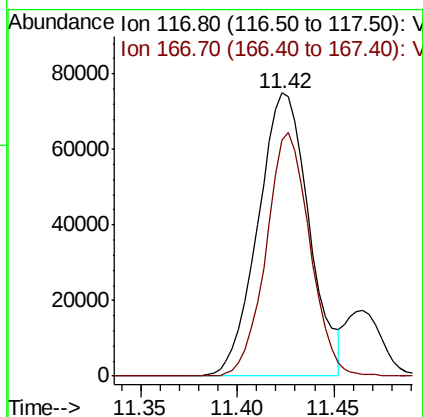
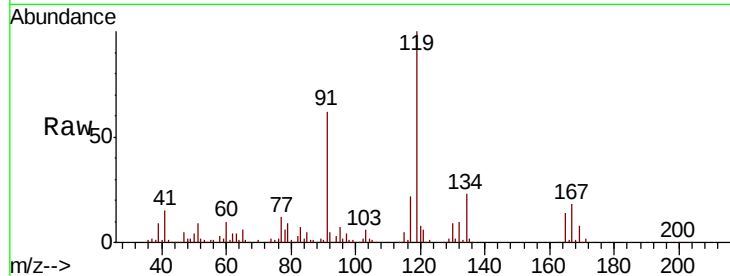




#61
 Pentachloroethane
 Concen: 9.396 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

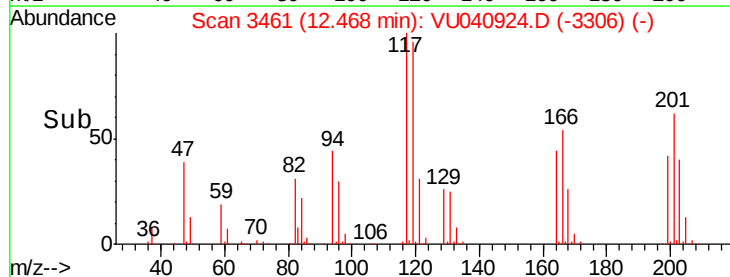
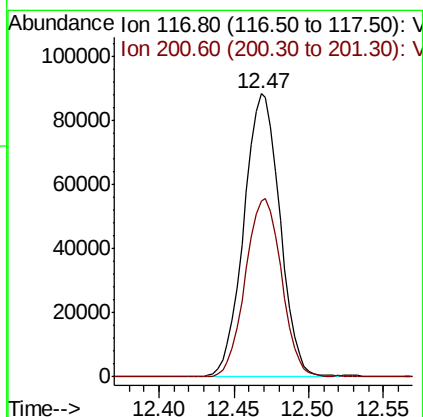
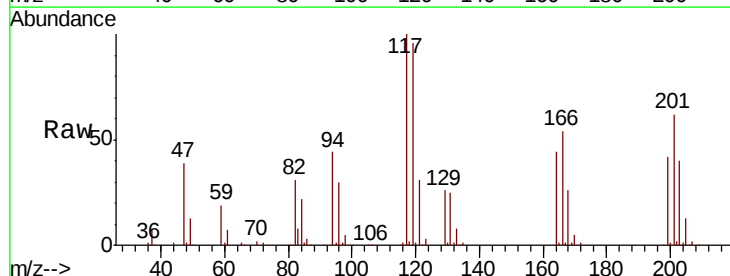
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

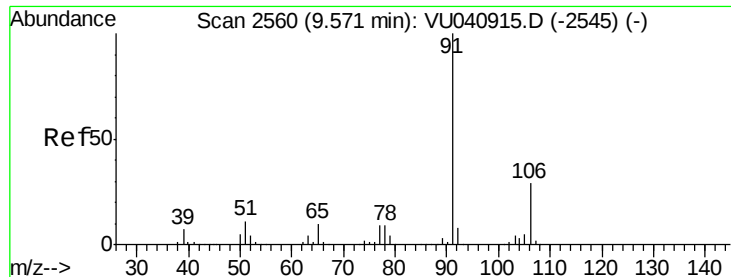
Tot Ion:117 Resp: 137519
 Ion Ratio Lower Upper
 117 100
 167 73.7 59.4 89.2



#62
 Hexachloroethane
 Concen: 9.975 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion:117 Resp: 148595
 Ion Ratio Lower Upper
 117 100
 201 63.2 52.6 78.8

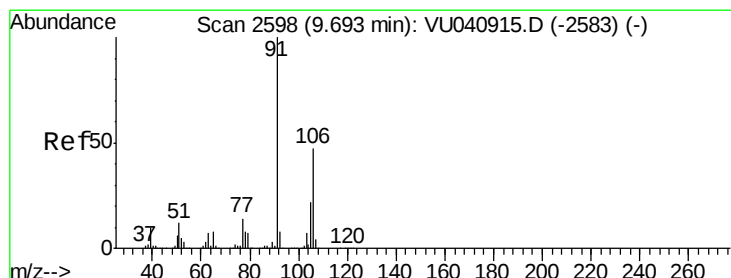
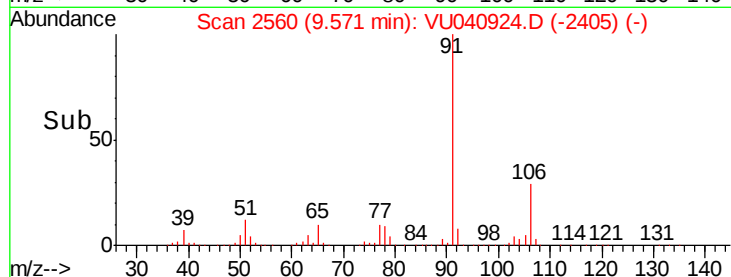
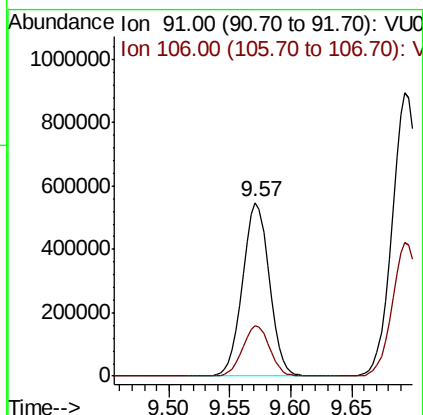
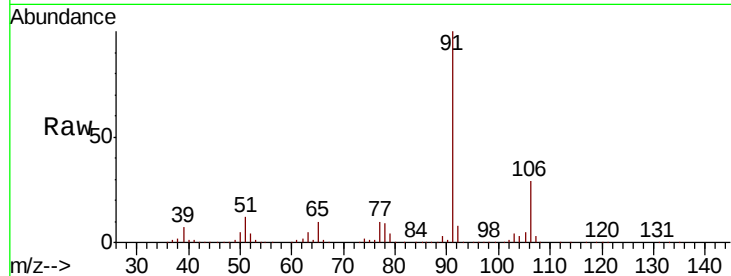




#63
Ethyl Benzene
Concen: 10.795 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

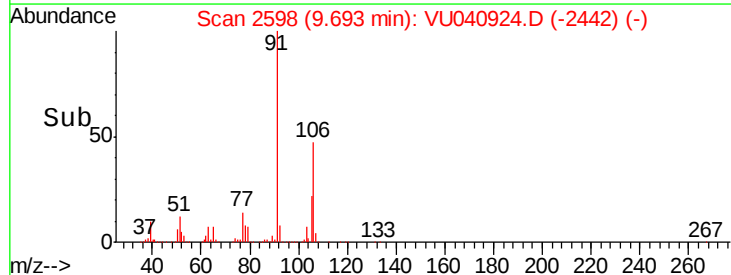
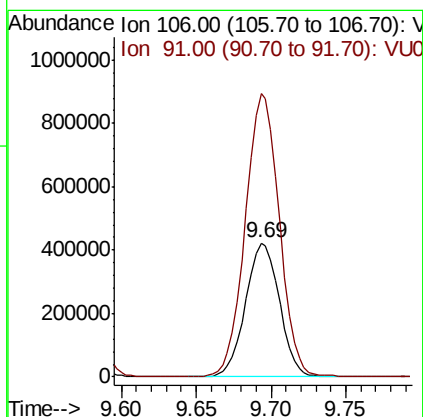
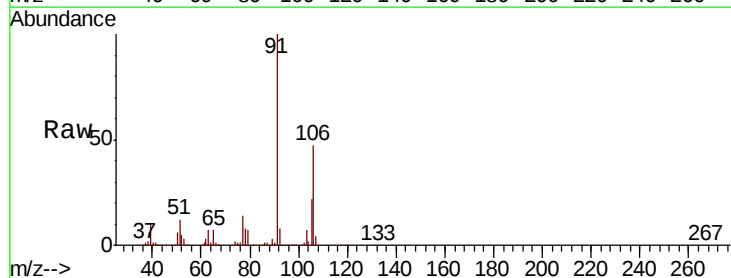
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

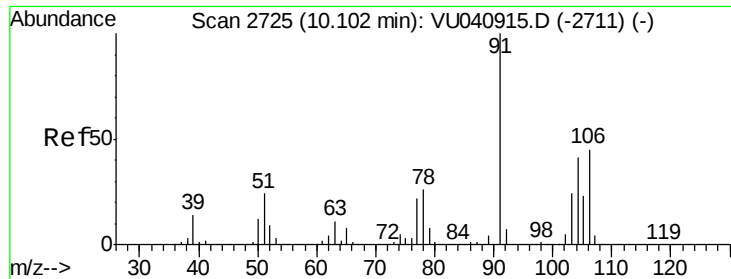
Tot Ion: 91 Resp: 824545
Ion Ratio Lower Upper
91 100
106 29.1 23.5 35.3



#64
m/p-Xylenes
Concen: 19.683 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion: 106 Resp: 665462
Ion Ratio Lower Upper
106 100
91 212.2 168.3 252.5

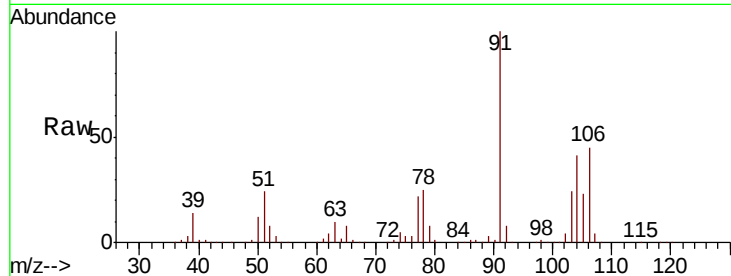




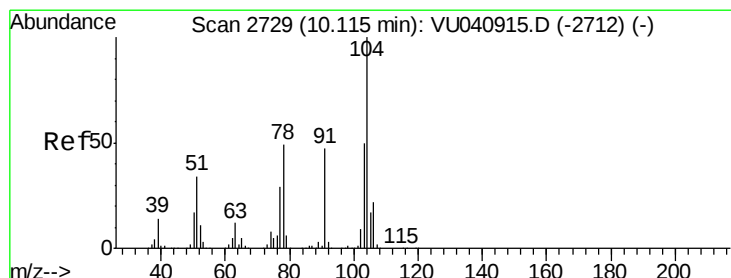
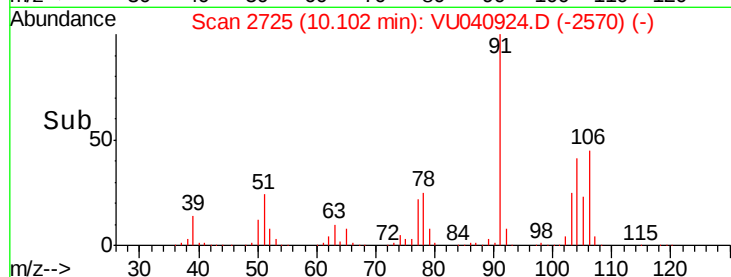
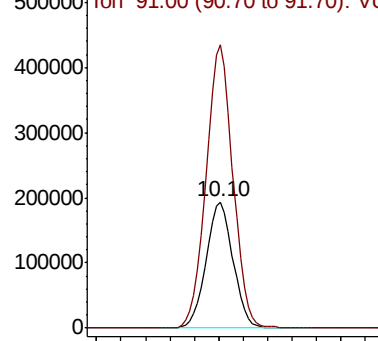
#65
o-Xylene
Concen: 11.060 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:106 Resp: 296657
Ion Ratio Lower Upper
106 100
91 223.6 111.3 333.9

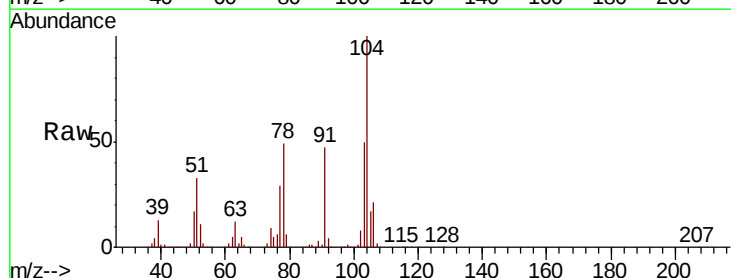


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

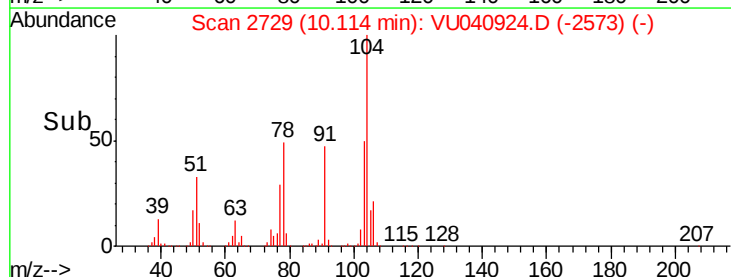
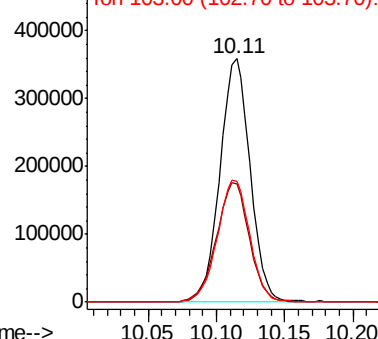


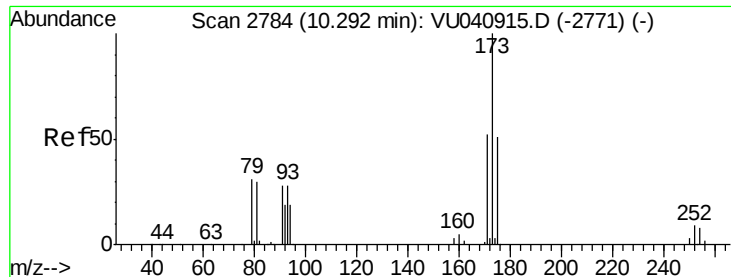
#66
Styrene
Concen: 9.878 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion:104 Resp: 551868
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.0
103 54.1 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

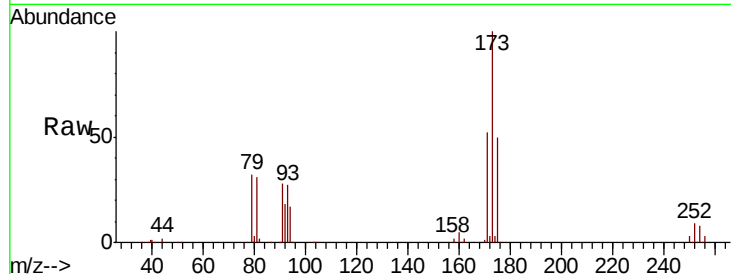




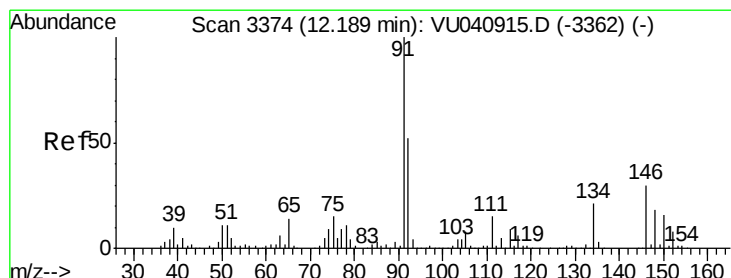
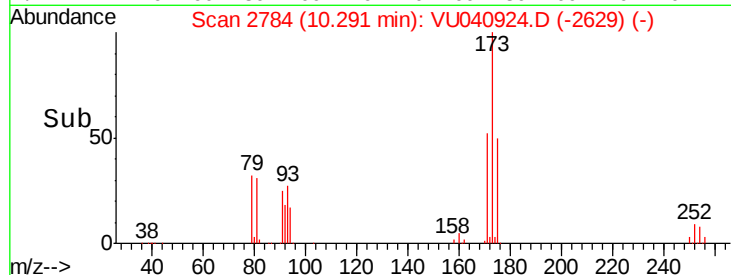
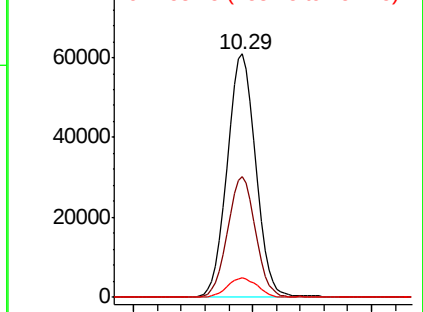
#67
Bromoform
Concen: 9.815 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:173 Resp: 101431
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 8.4 6.6 9.8

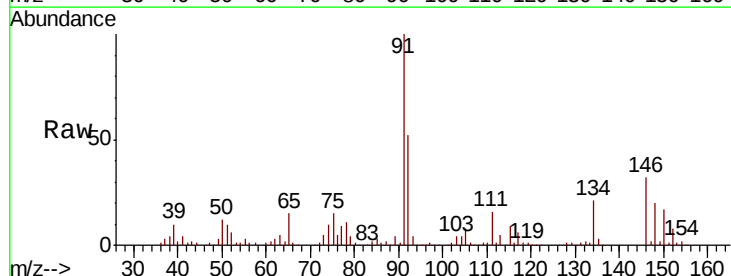


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

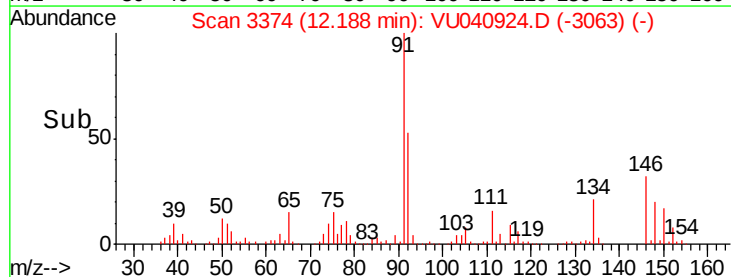
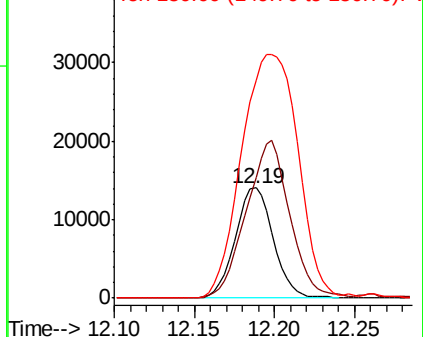


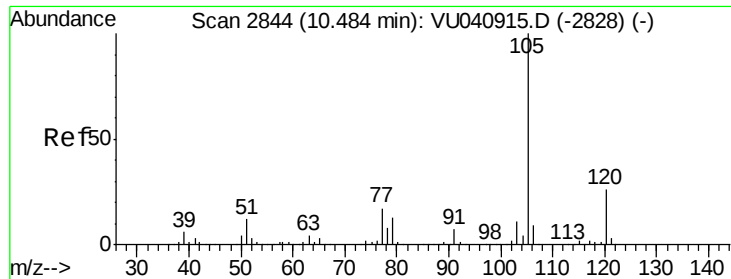
#68
1,2-Dichlorobenzene-d4
Concen: 0.964 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040924.D
Acq: 23 Oct 2020 01:49

Tgt Ion:152 Resp: 22678
Ion Ratio Lower Upper
152 100
115 165.2 0.0 323.4
150 332.0 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: 10.948 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

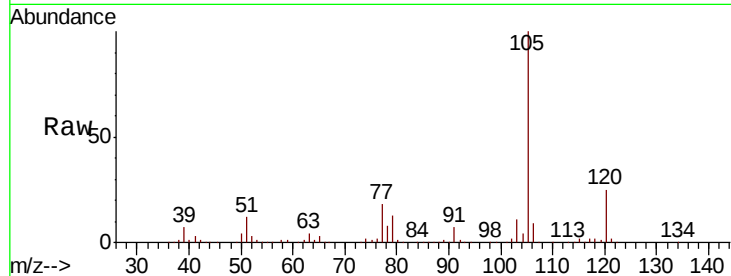
VSTDCCC010EC

Tot Ion:105 Resp: 783136

Ion Ratio Lower Upper

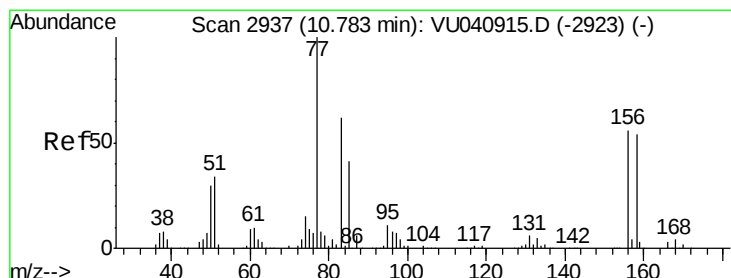
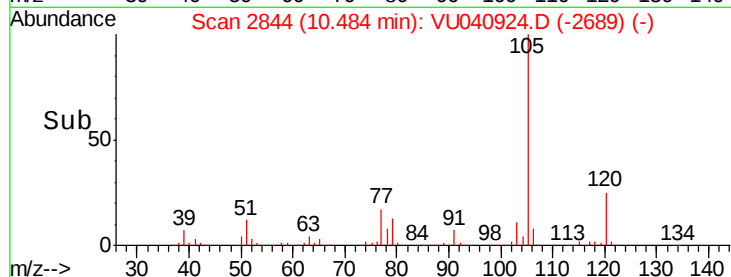
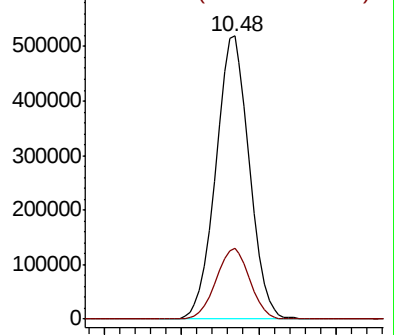
105 100

120 25.3 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.905 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

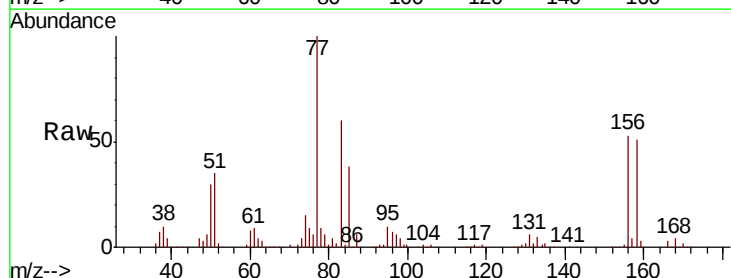
Tgt Ion: 83 Resp: 214606

Ion Ratio Lower Upper

83 100

131 9.2 7.1 10.7

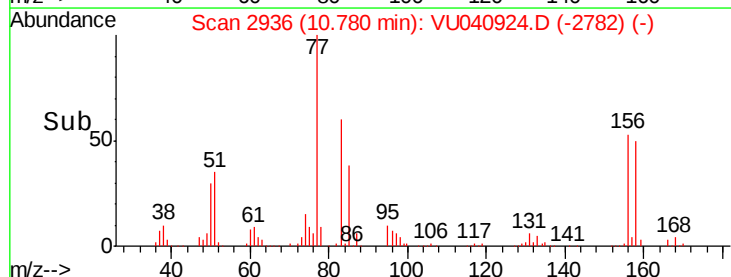
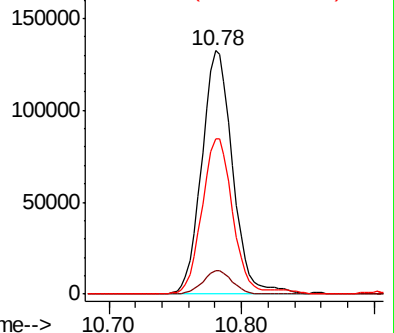
85 63.0 51.8 77.6

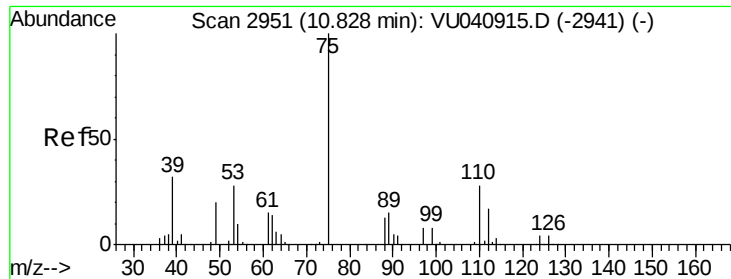


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

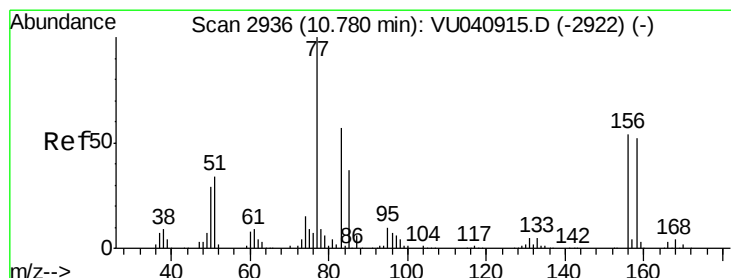
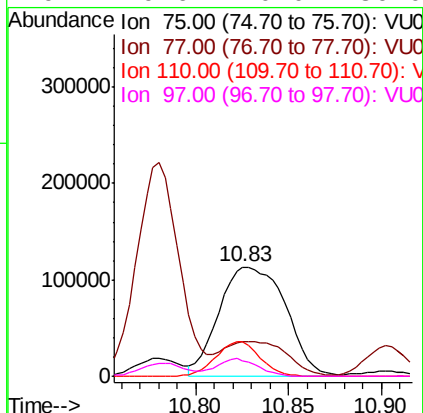
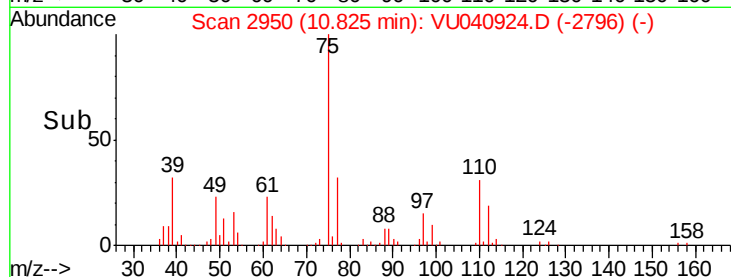
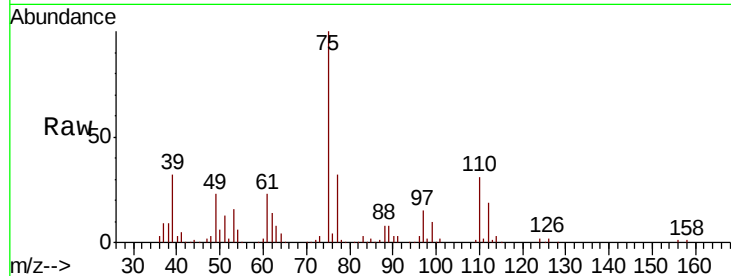




#71
 1,2,3-Trichloropropane
 Concen: 17.097 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

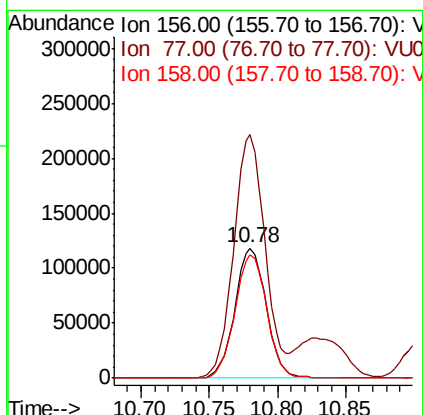
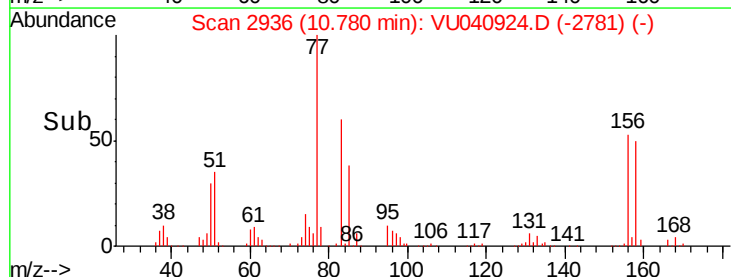
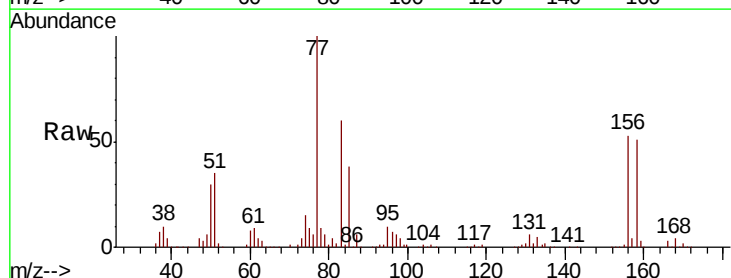
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

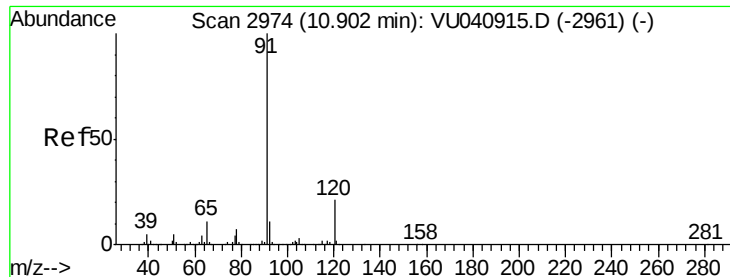
Tot Ion:	75	Resp:	282406
Ion	Ratio	Lower	Upper
75	100		
77	29.7	0.0	110.8
110	21.0	0.0	73.4
97	9.6	0.0	36.0



#72
 Bromobenzene
 Concen: 10.098 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion:	156	Resp:	188333
Ion	Ratio	Lower	Upper
156	100		
77	187.2	0.0	370.2
158	96.4	0.0	193.2





#73

n-propylbenzene

Concen: 9.733 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

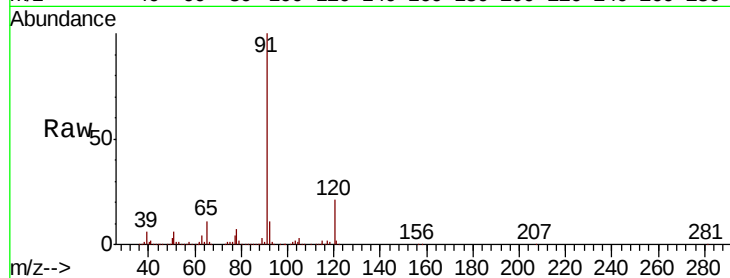
VSTDCCC010EC

Tot Ion:120 Resp: 230892

Ion Ratio Lower Upper

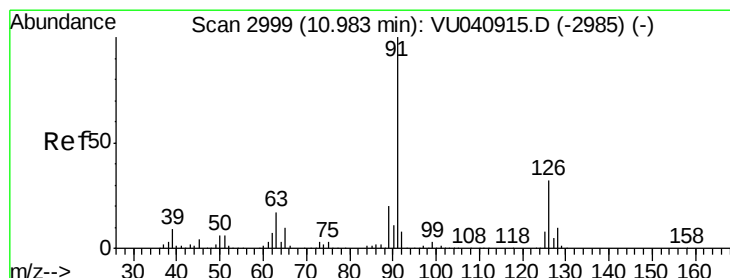
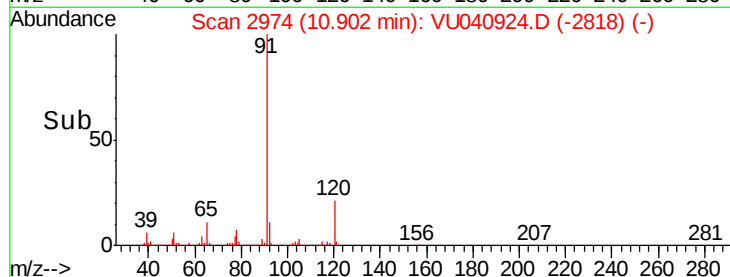
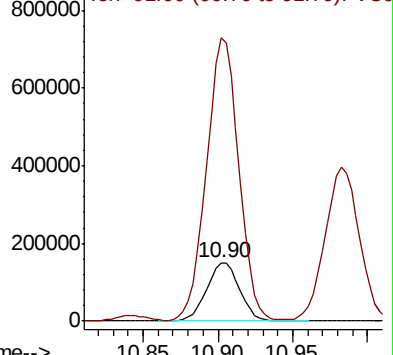
120 100

91 473.6 370.8 556.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.486 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040924.D

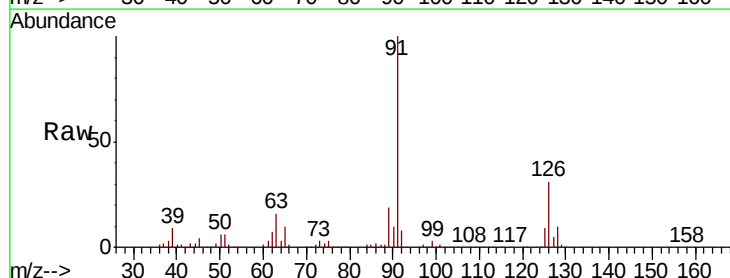
Acq: 23 Oct 2020 01:49

Tgt Ion:126 Resp: 194622

Ion Ratio Lower Upper

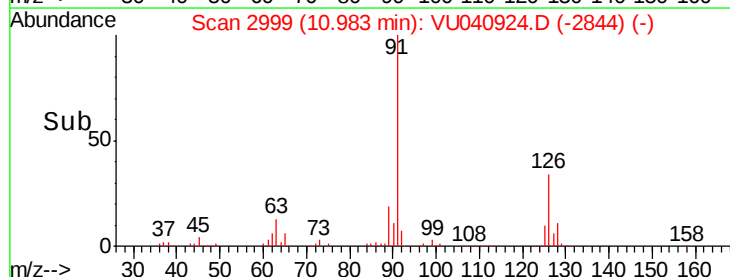
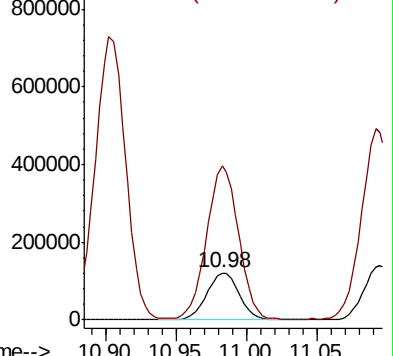
126 100

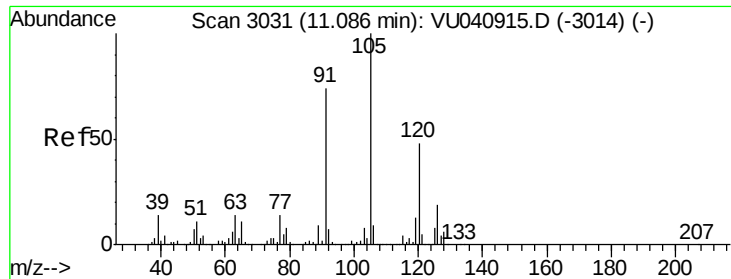
91 320.9 0.0 633.2



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: 9.606 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

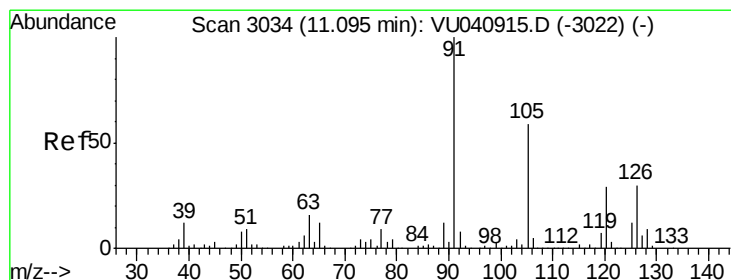
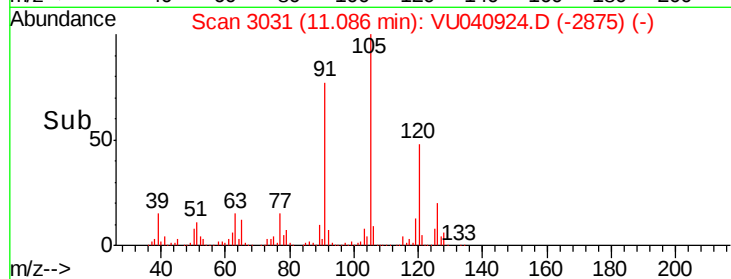
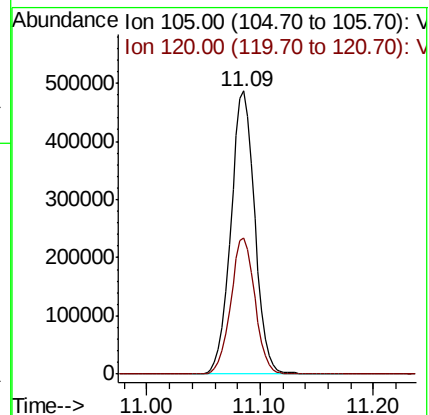
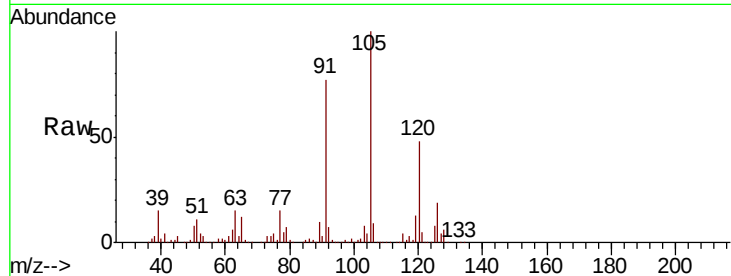
VSTDCCC010EC

Tot Ion:105 Resp: 714515

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#76

4-Chlorotoluene

Concen: 11.091 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040924.D

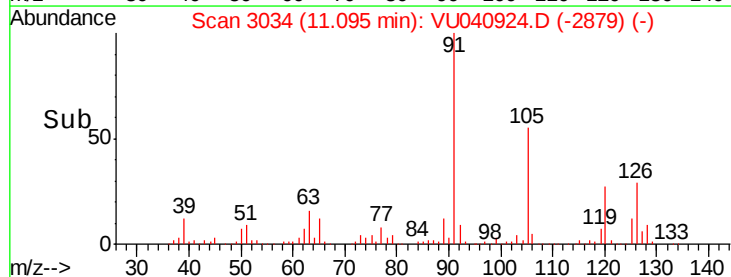
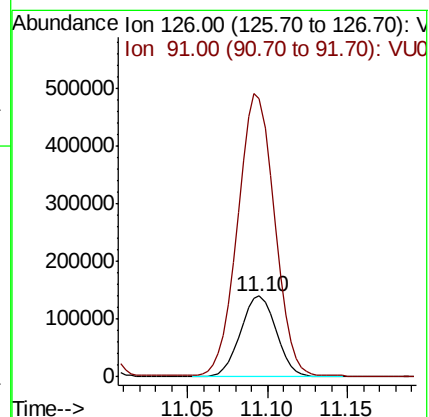
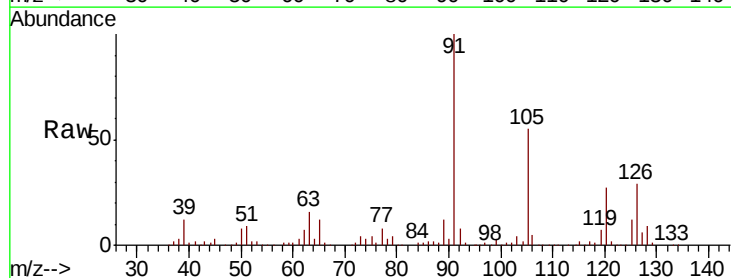
Acq: 23 Oct 2020 01:49

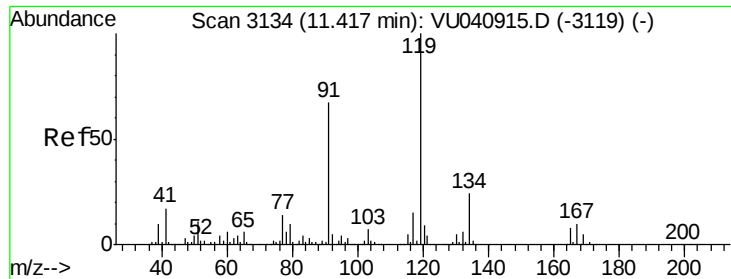
Tgt Ion:126 Resp: 213366

Ion Ratio Lower Upper

126 100

91 362.0 0.0 730.4





#77

tert-Butylbenzene

Concen: 10.799 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

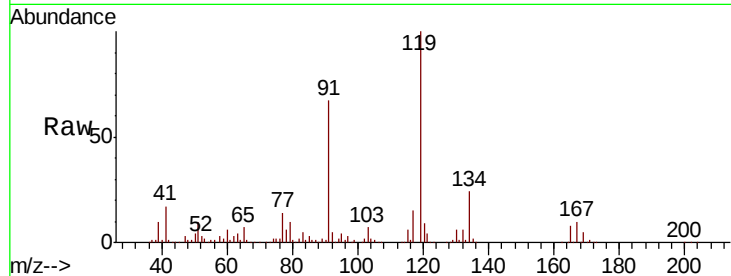
Tot Ion:119 Resp: 652912

Ion Ratio Lower Upper

119 100

91 63.1 32.0 96.2

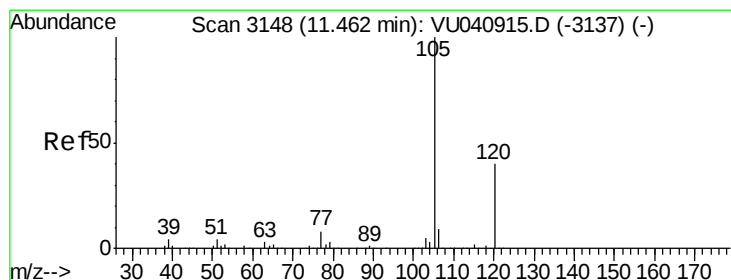
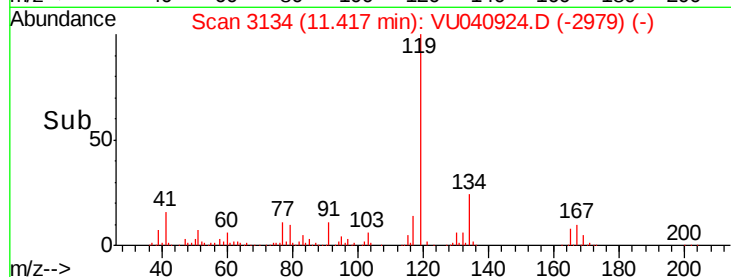
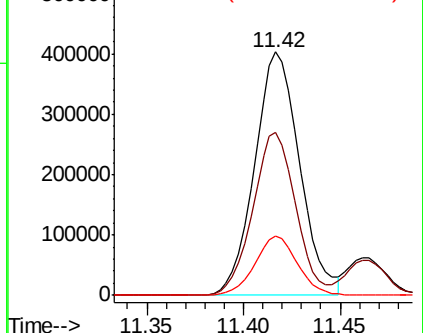
134 22.9 18.4 27.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 9.753 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. 0.00 min

Lab File: VU040924.D

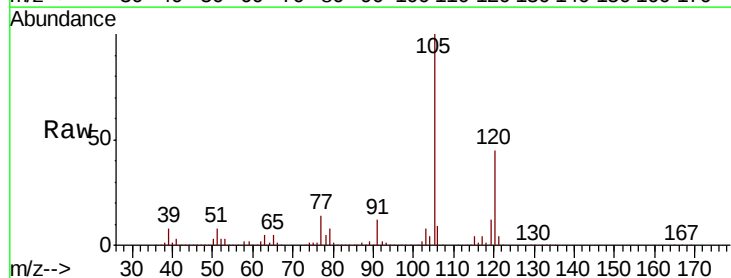
Acq: 23 Oct 2020 01:49

Tgt Ion:105 Resp: 752615

Ion Ratio Lower Upper

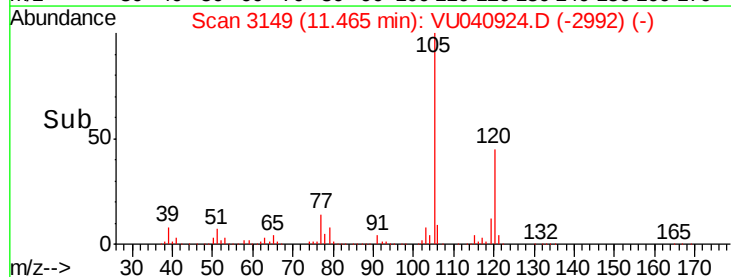
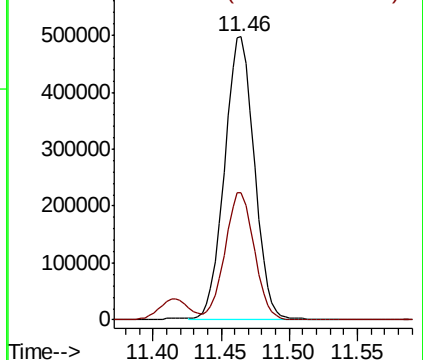
105 100

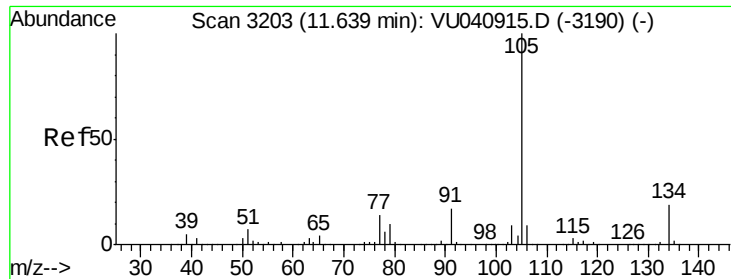
120 44.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

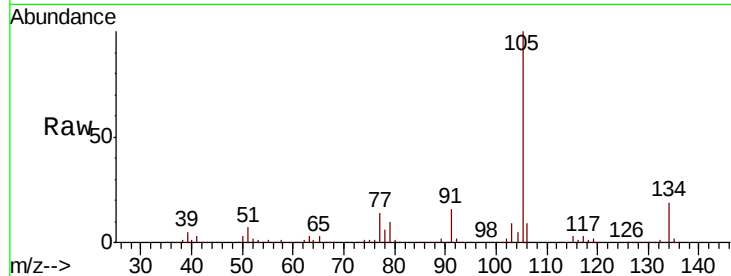




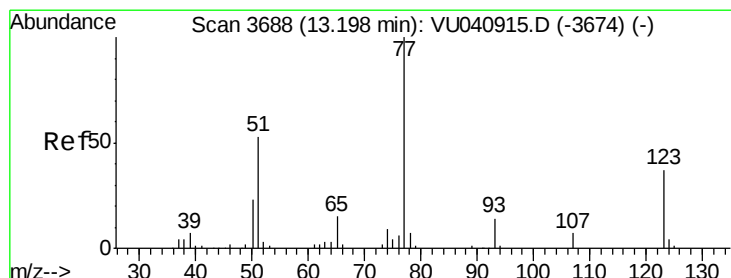
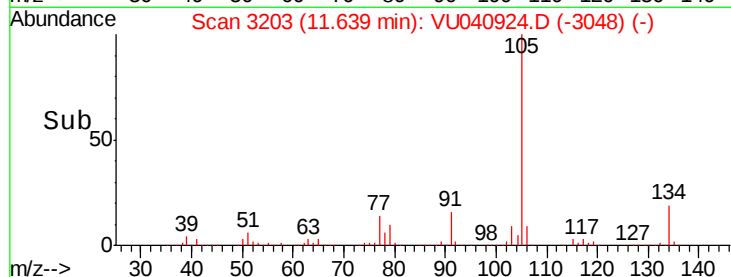
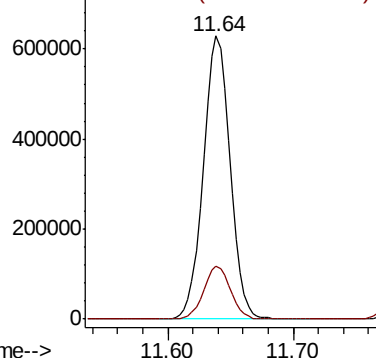
#79
 sec-Butylbenzene
 Concen: 11.050 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:105 Resp: 927565
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0

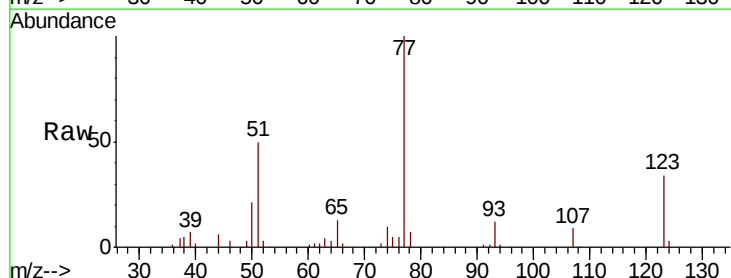


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

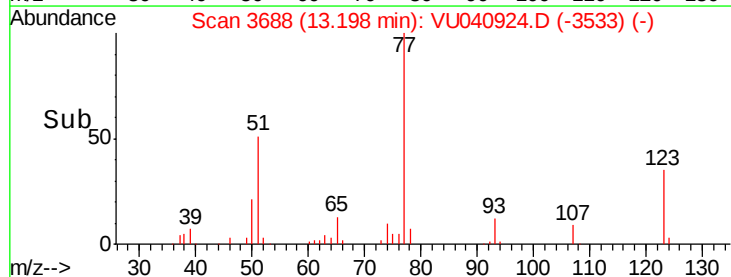
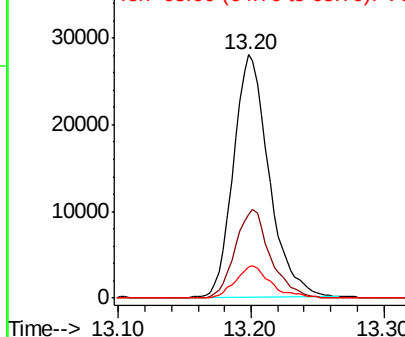


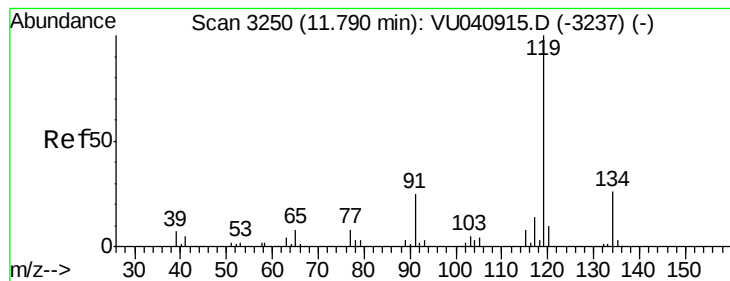
#80
 Nitrobenzene
 Concen: 51.151 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion: 77 Resp: 52416
 Ion Ratio Lower Upper
 77 100
 123 35.9 16.8 59.4
 65 13.3 11.0 14.0



Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 9.609 ug/l

RT: 11.79 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

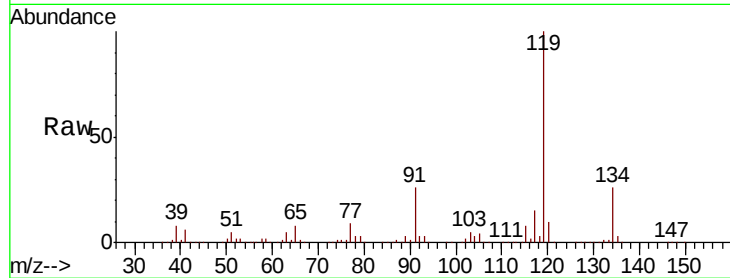
Tot Ion:119 Resp: 782717

Ion Ratio Lower Upper

119 100

134 25.5 20.4 30.6

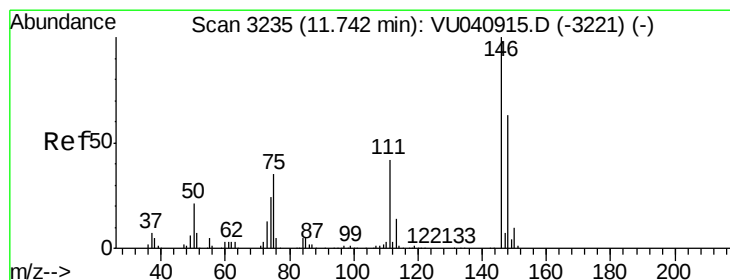
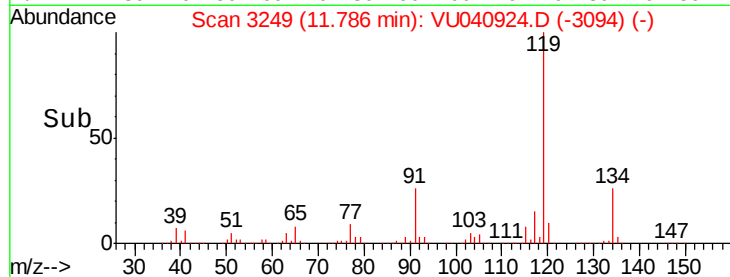
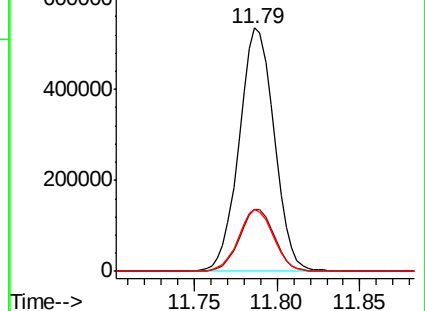
91 25.5 20.4 30.6



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): V



#82

1,3-Dichlorobenzene

Concen: 9.732 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

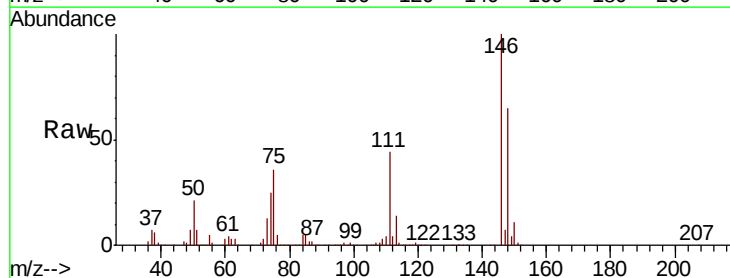
Tgt Ion:146 Resp: 395932

Ion Ratio Lower Upper

146 100

111 44.1 33.6 50.4

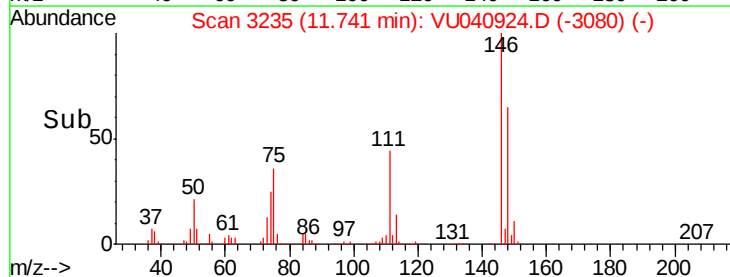
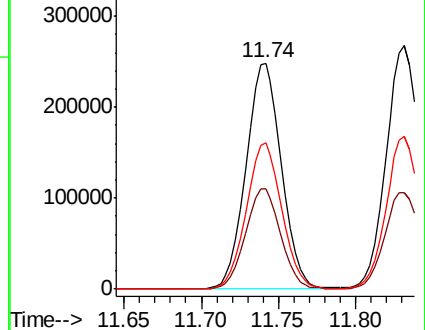
148 64.8 50.1 75.1

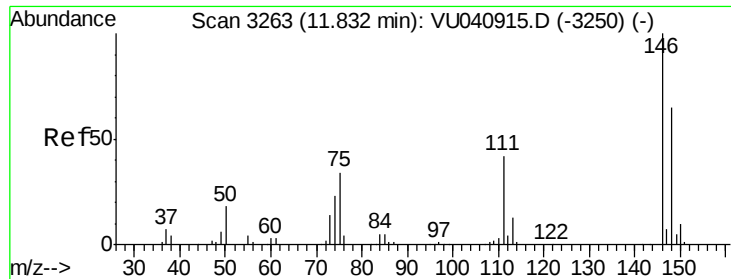


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

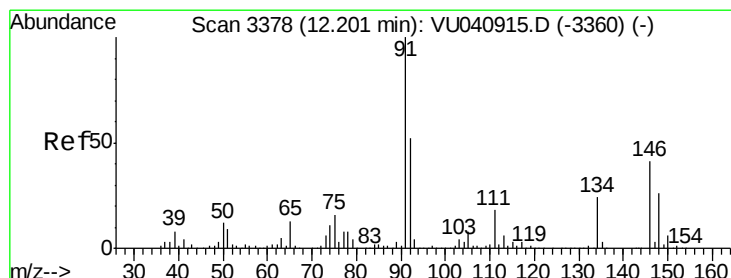
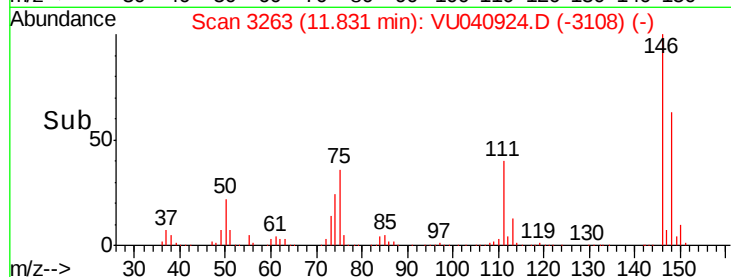
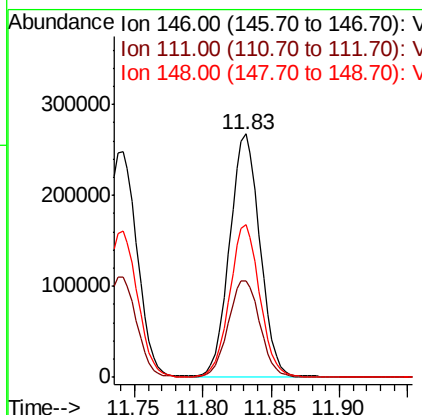
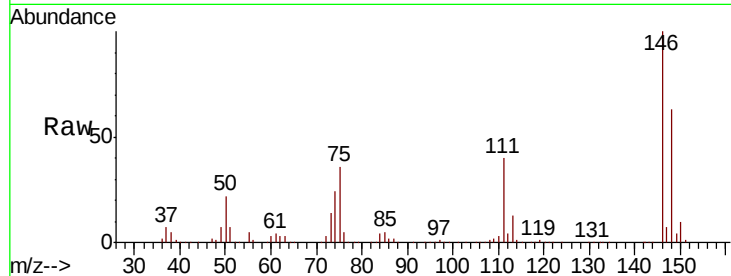




#83
 1,4-Dichlorobenzene
 Concen: 10.003 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

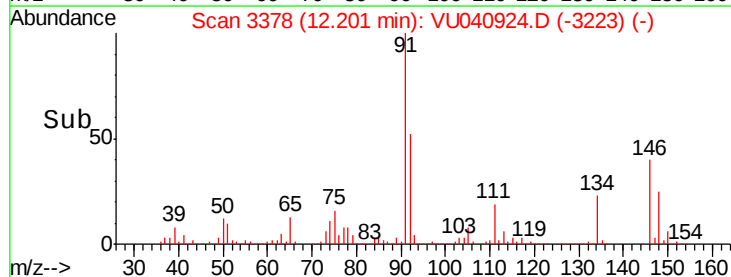
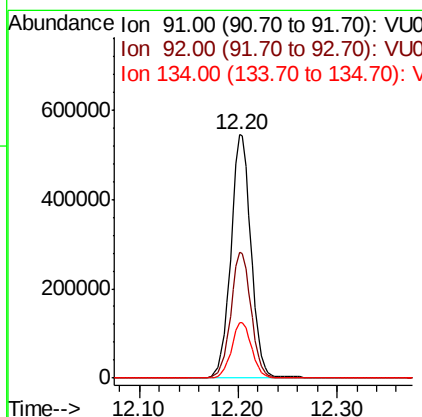
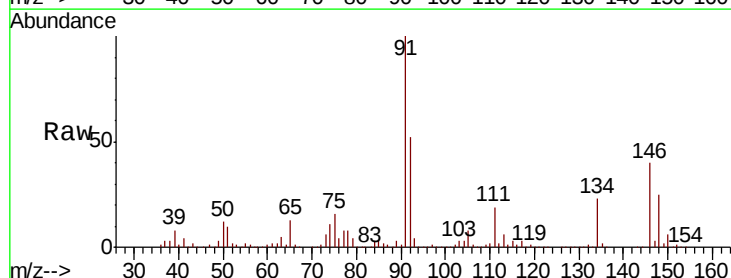
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

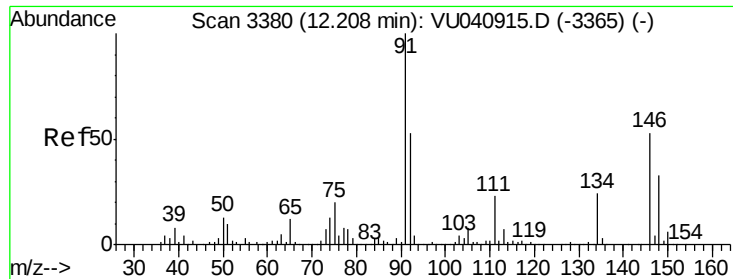
Tot Ion:146 Resp: 411530
 Ion Ratio Lower Upper
 146 100
 111 41.5 33.7 50.5
 148 62.3 50.6 75.8



#84
 n-Butylbenzene
 Concen: 11.097 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion: 91 Resp: 779763
 Ion Ratio Lower Upper
 91 100
 92 52.1 41.7 62.5
 134 23.0 18.6 28.0

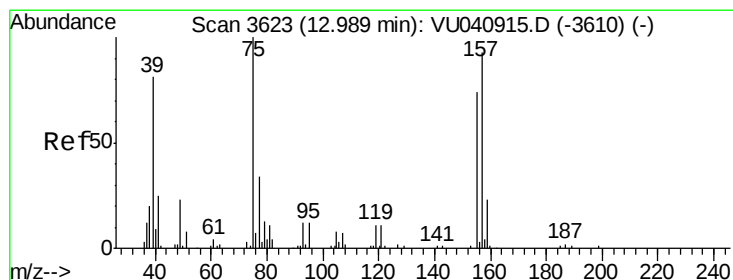
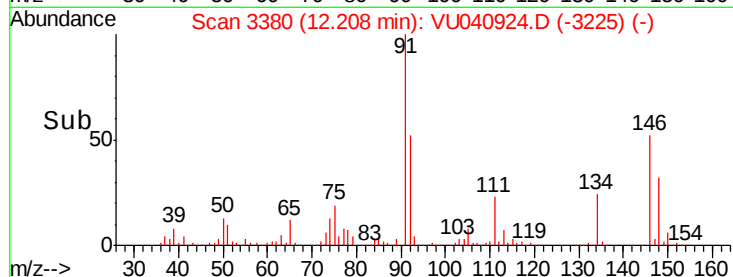
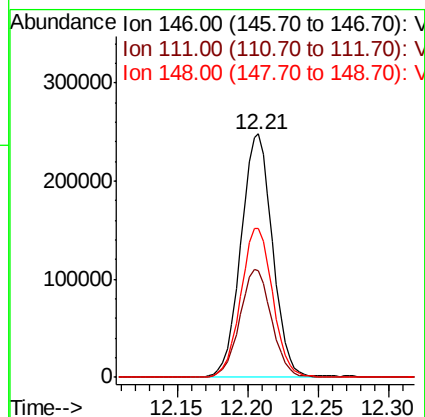
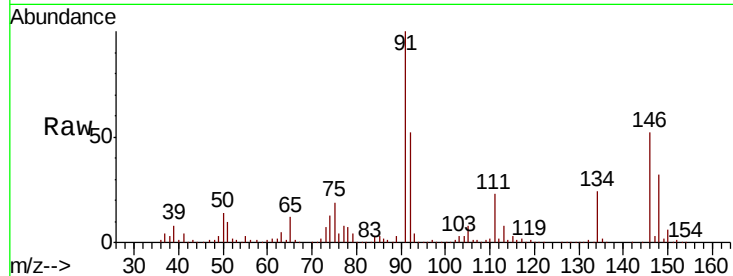




#85
 1,2-Dichlorobenzene
 Concen: 10.029 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

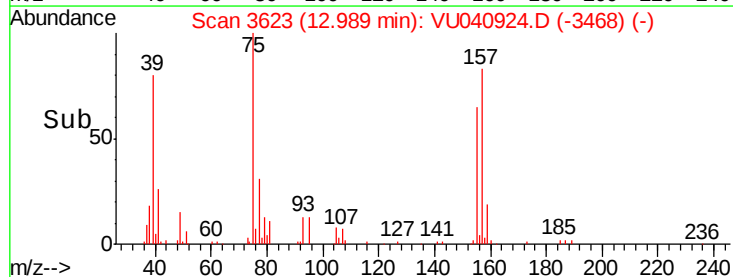
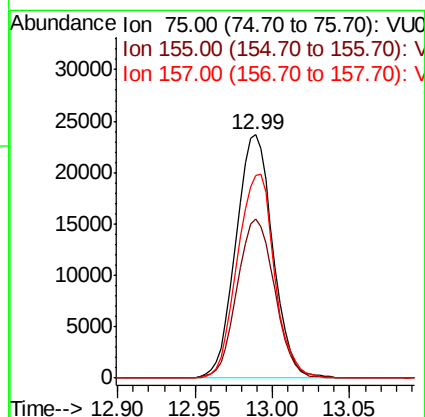
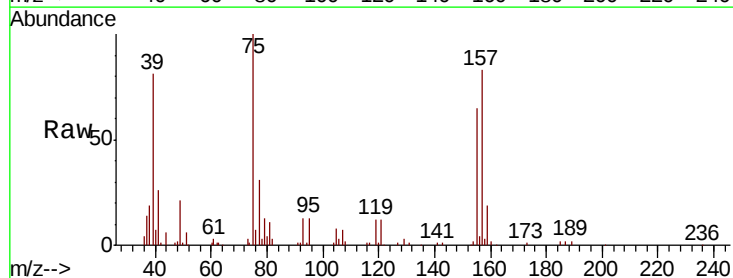
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

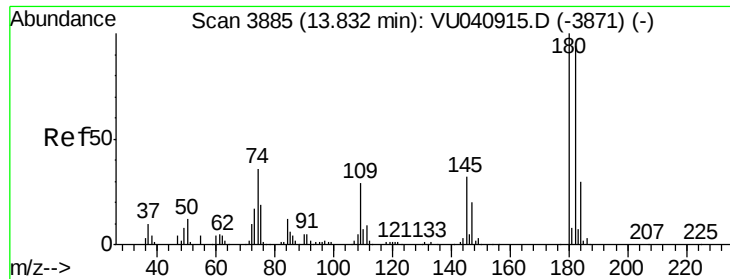
Tot Ion:146 Resp: 390297
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.3 66.9
 148 61.9 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.701 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040924.D
 Acq: 23 Oct 2020 01:49

Tgt Ion: 75 Resp: 39241
 Ion Ratio Lower Upper
 75 100
 155 66.6 57.1 85.7
 157 84.5 72.4 108.6





#87

1,2,4-Trichlorobenzene

Concen: 10.054 ug/l

RT: 13.83 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

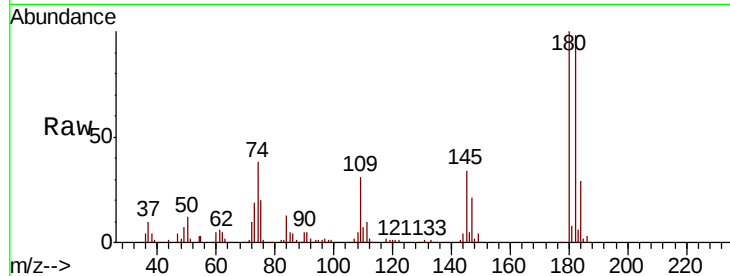
Tot Ion:180 Resp: 229334

Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.2

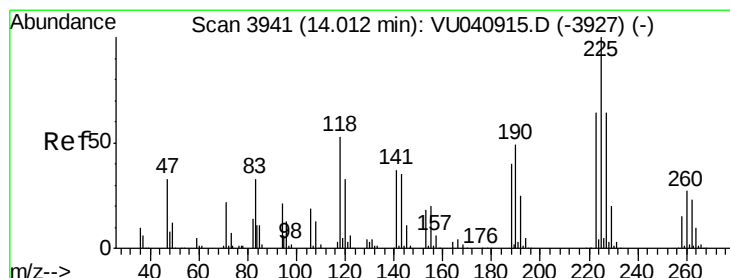
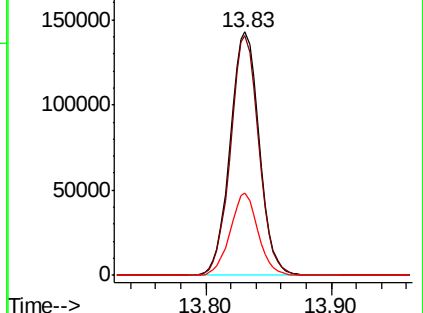
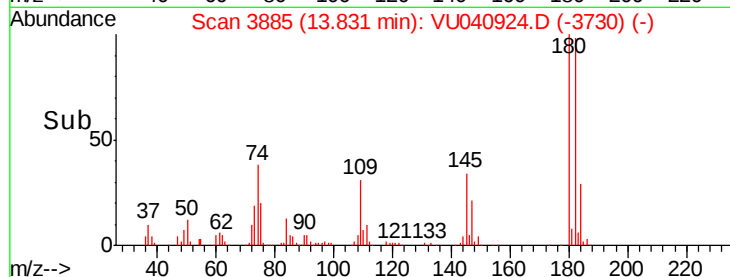
145 32.2 25.4 38.0



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 9.629 ug/l

RT: 14.01 min Scan# 3941

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

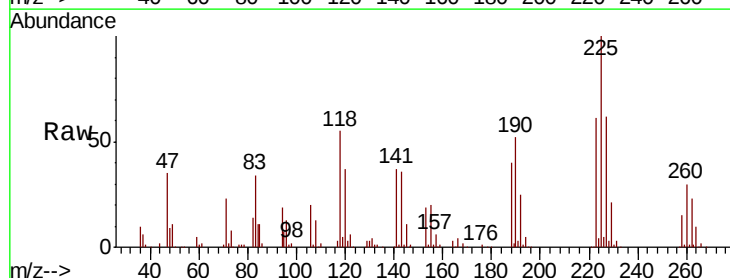
Tgt Ion:225 Resp: 123318

Ion Ratio Lower Upper

225 100

223 62.6 49.9 74.9

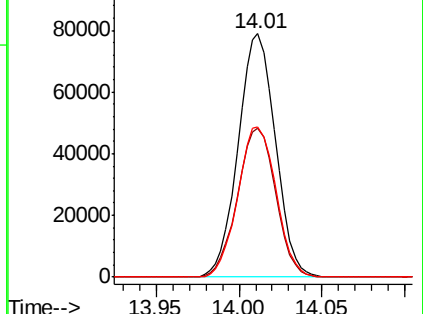
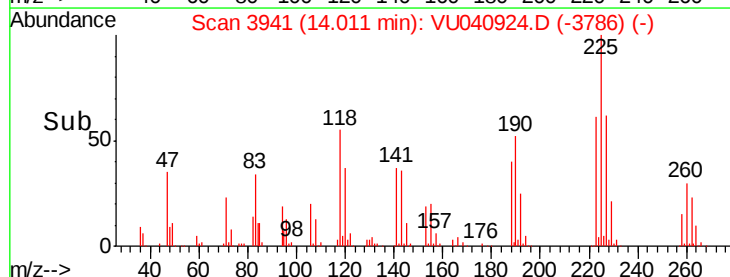
227 63.3 51.1 76.7

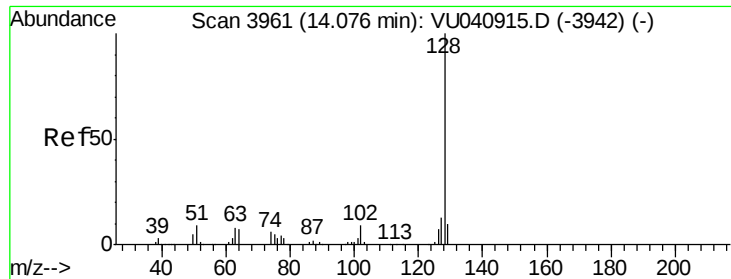


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 8.983 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

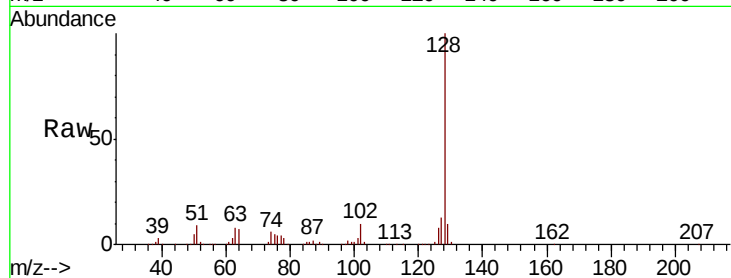
Tot Ion:128 Resp: 511916

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

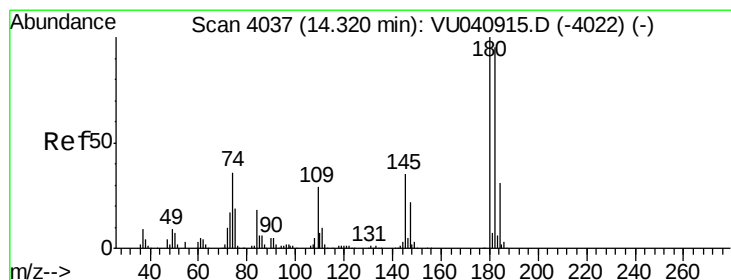
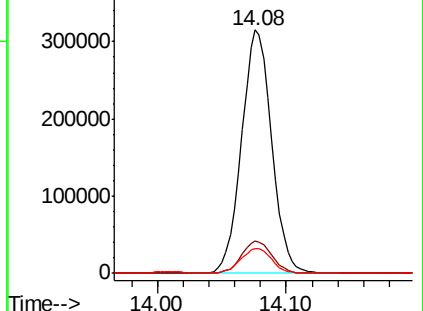
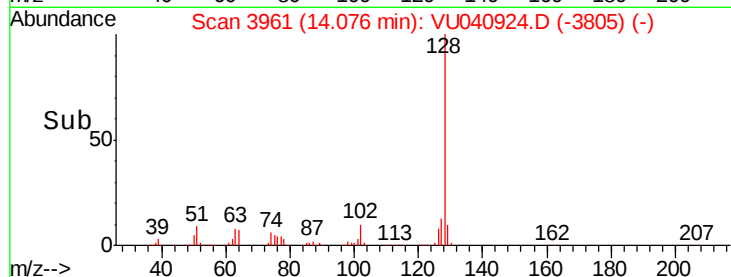
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 10.934 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040924.D

Acq: 23 Oct 2020 01:49

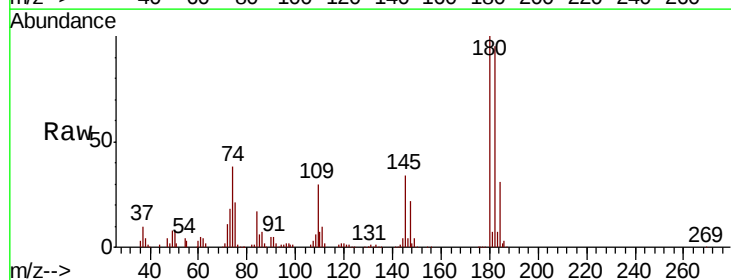
Tgt Ion:180 Resp: 242673

Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 34.6 28.0 42.0



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

