

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040060.D
 Acq On : 09 Sep 2020 11:29
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Sep 10 03:47:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	27683	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	11151	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10375	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	16495	1.771 ug/l	92
3) Chloromethane	1.53	50	16708	1.466 ug/l	97
4) Vinyl Chloride	1.61	62	16452	1.559 ug/l	99
5) Bromomethane	1.86	94	13261	1.825 ug/l	92
6) Chloroethane	1.94	64	10937	1.503 ug/l	95
7) Trichlorofluoromethane	2.15	101	24968	1.754 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	13800	1.689 ug/l	97
9) 1,1-Dichloroethene	2.59	96	12406	1.671 ug/l	93
10) Iodomethane	2.74	142	8518	1.152 ug/l	94
11) Allyl Chloride	2.94	41	22895	1.446 ug/l	97
12) Acrylonitrile	3.33	53	7660	2.934 ug/l	98
13) Acetone	2.64	43	18928	7.695 ug/l	95
14) Carbon Disulfide	2.81	76	32348	1.227 ug/l	96
15) Methylene Chloride	3.06	84	17324	1.660 ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	13163	1.561 ug/l	93
17) 1,1-Dichloroethane	3.89	63	28996	1.578 ug/l	98
18) 2-Butanone	4.73	43	27099	6.659 ug/l	99
19) Cyclohexane	5.40	56	21281	1.212 ug/l	93
20) Methylcyclohexane	6.77	83	20708	1.558 ug/l	97
21) 2,2-Dichloropropane	4.68	77	25407	1.663 ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	14894	1.629 ug/l	96
23) Diethyl Ether	2.39	59	11035	1.466 ug/l	98
24) tert-Butyl Alcohol	3.20	59	14000	10.236 ug/l	99
25) Methyl tert-Butyl Ether	3.38	73	39609	1.632 ug/l	95
26) Bromochloromethane	4.99	128	6756	1.788 ug/l	98
27) Chloroform	5.11	83	27369	1.570 ug/l	94
28) 1,1,1-Trichloroethane	5.33	97	24941	1.748 ug/l	98
29) 1,1-Dichloropropene	5.54	75	20288	1.500 ug/l	97
30) Carbon Tetrachloride	5.54	117	22495	1.897 ug/l	99
31) Isopropyl Ether	4.02	45	48628	1.457 ug/l	99
32) Ethyl-t-butyl ether	4.53	59	43397	1.513 ug/l	98
33) Tert-Amyl methyl ether	5.96	73	37142	1.748 ug/l	99
34) Propionitrile	4.80	54	7228	7.183 ug/l #	94
35) Benzene	5.79	78	59934	1.759 ug/l	99
36) 1,2-Dichloroethane	5.81	62	22547	1.760 ug/l	99
37) Trichloroethene	6.55	130	15088	1.915 ug/l	98
38) 1,2-Dichloropropane	6.81	63	16852	1.799 ug/l	97
39) Methacrylonitrile	5.00	41	7859	1.470 ug/l	89
40) Methyl acrylate	4.87	55	9931	1.453 ug/l #	96
41) Tetrahydrofuran	5.08	42	7681	2.883 ug/l	92
42) 1-Chlorobutane	5.47	56	30618	1.452 ug/l	99

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 ALS Vial : 4 Sample Multiplier: 1

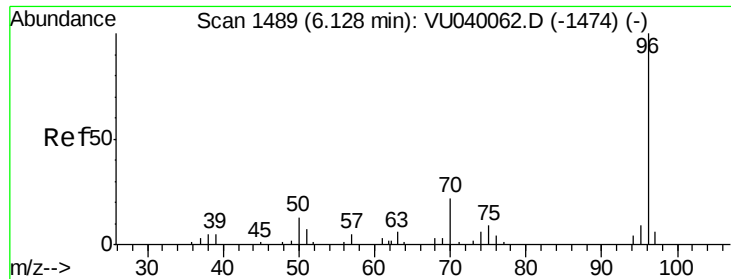
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Sep 10 03:47:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

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

43) Dibromomethane	6.93	93	10090	1.973	ug/l	96
44) Bromodichloromethane	7.12	83	23296	1.990	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	62829	8.247	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	22823	9.450	ug/l #	52
47) Methyl methacrylate	6.98	69	16220	3.451	ug/l	94
48) Ethyl methacrylate	8.34	69	13794	1.595	ug/l	99
49) Toluene	7.98	92	35010	1.739	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	20173	1.914	ug/l	90
51) cis-1,3-Dichloropropene	7.62	75	22785	1.847	ug/l	94
52) 1,1,2-Trichloroethane	8.41	97	12097	1.825	ug/l	95
53) 1,3-Dichloropropane	8.58	76	22212	1.760	ug/l	99
54) 2-Hexanone	8.69	43	44453	8.145	ug/l	97
55) Dibromochloromethane	8.82	129	14653	2.043	ug/l	97
56) 1,2-Dibromoethane	8.93	107	11700	1.850	ug/l	99
58) Tetrachloroethene	8.56	164	14588	2.077	ug/l	98
59) Chlorobenzene	9.45	112	38234	1.816	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.54	131	14271	1.982	ug/l	96
61) Pentachloroethane	11.43	117	10276	1.705	ug/l	93
62) Hexachloroethane	12.47	117	11664	2.007	ug/l	97
63) Ethyl Benzene	9.57	91	63201	1.688	ug/l	97
64) m/p-Xylenes	9.69	106	48997	3.365	ug/l	97
65) o-Xylene	10.10	106	23886	1.724	ug/l	100
66) Styrene	10.11	104	41568	1.743	ug/l	99
67) Bromoform	10.29	173	7353	2.011	ug/l	100
69) Isopropylbenzene	10.48	105	62569	1.684	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	17096	1.819	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	22823	3.271	ug/l	70
72) Bromobenzene	10.78	156	15521	1.833	ug/l	99
73) n-propylbenzene	10.91	120	17497	1.678	ug/l	95
74) 2-Chlorotoluene	10.98	126	15337	1.731	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	56425	1.755	ug/l	98
76) 4-Chlorotoluene	11.10	126	16872	1.834	ug/l	98
77) tert-Butylbenzene	11.42	119	51807	1.690	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	57989	1.761	ug/l	97
79) sec-Butylbenzene	11.64	105	76218	1.738	ug/l	100
80) Nitrobenzene	13.20	77	3037	15.365	ug/l #	93
81) p-Isopropyltoluene	11.79	119	60421	1.712	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	33420	1.828	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	32843	1.782	ug/l	97
84) n-Butylbenzene	12.20	91	58999	1.574	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	33188	1.882	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2943	1.830	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	16777	1.533	ug/l	95
88) Hexachlorobutadiene	14.01	225	10006	1.965	ug/l	100
89) Naphthalene	14.08	128	31748	1.364	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	15857	1.534	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 96 Resp: 27683

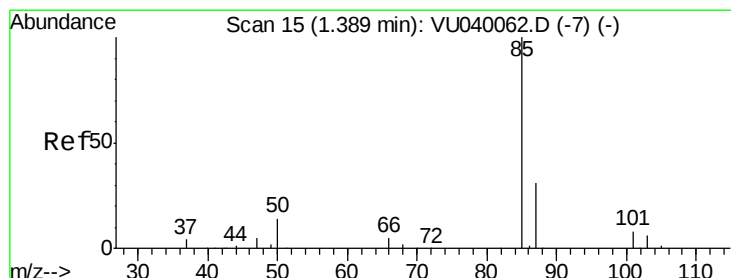
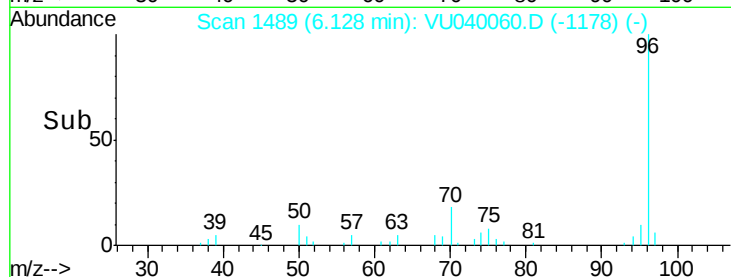
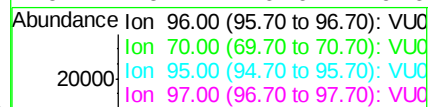
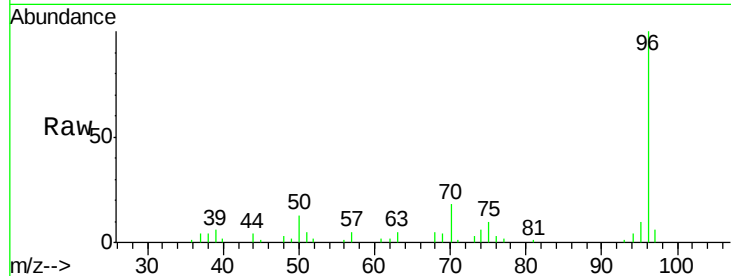
Ion Ratio Lower Upper

96 100

70 20.5 17.1 25.7

95 9.1 7.6 11.4

97 6.4 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.771 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040060.D

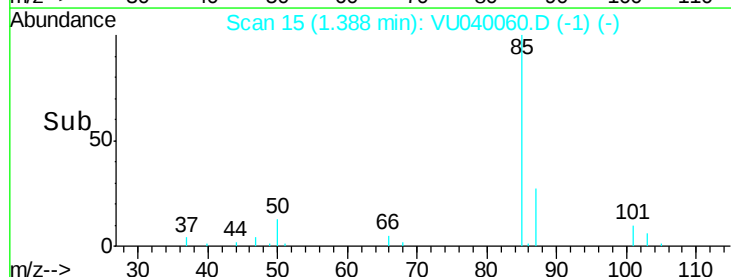
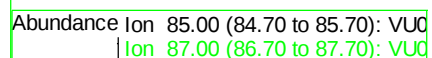
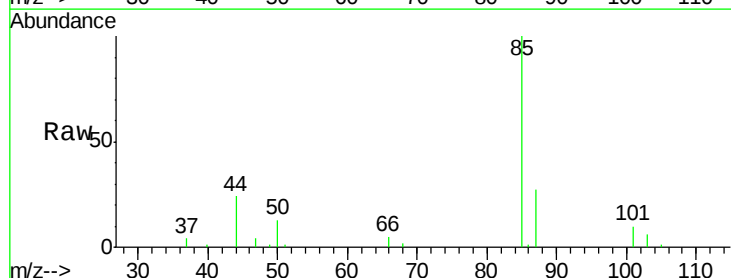
Acq: 09 Sep 2020 11:29

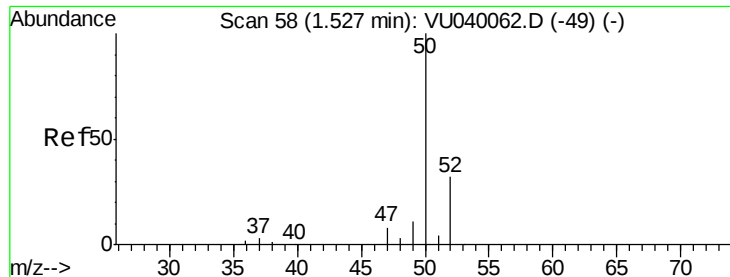
Tgt Ion: 85 Resp: 16495

Ion Ratio Lower Upper

85 100

87 27.0 15.6 46.8





#3

Chloromethane

Concen: 1.466 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

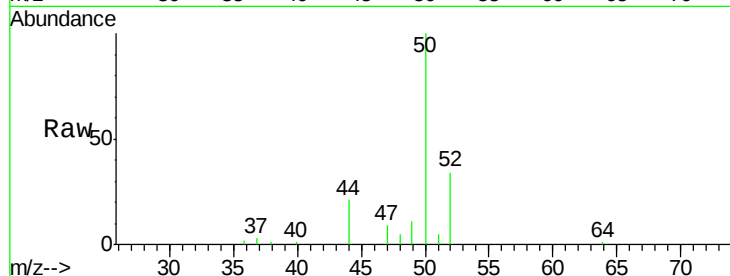
VSTDIC002

Tgt Ion: 50 Resp: 16708

Ion Ratio Lower Upper

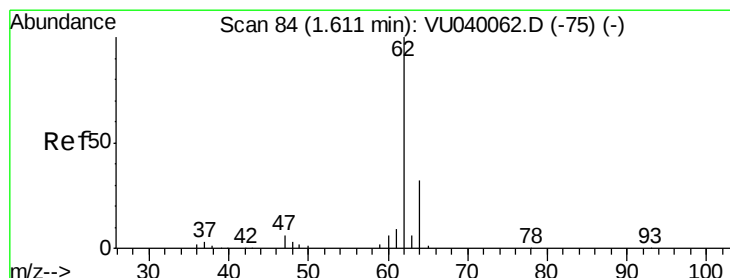
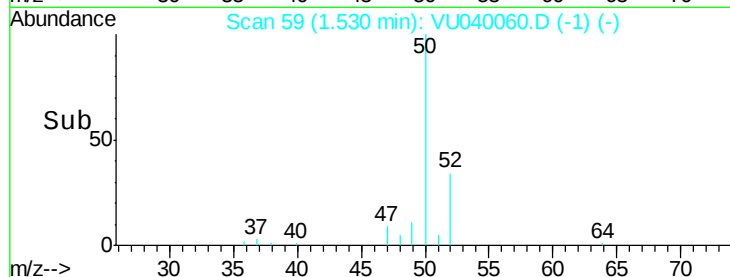
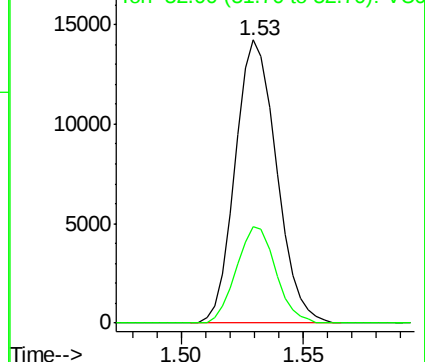
50 100

52 33.9 25.9 38.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.559 ug/l

RT: 1.61 min Scan# 85

Delta R.T. 0.00 min

Lab File: VU040060.D

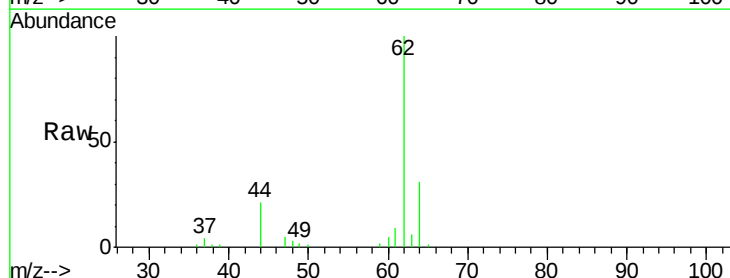
Acq: 09 Sep 2020 11:29

Tgt Ion: 62 Resp: 16452

Ion Ratio Lower Upper

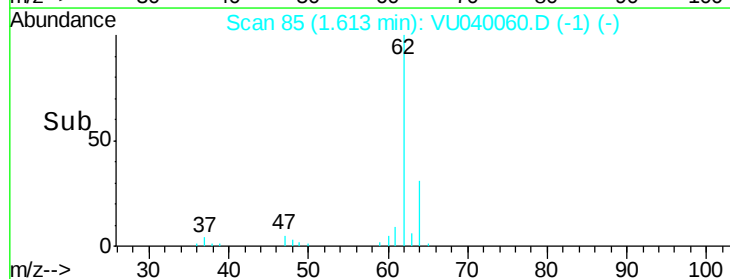
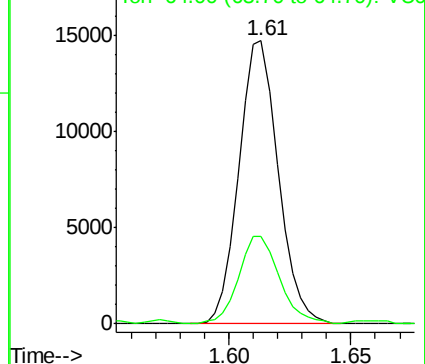
62 100

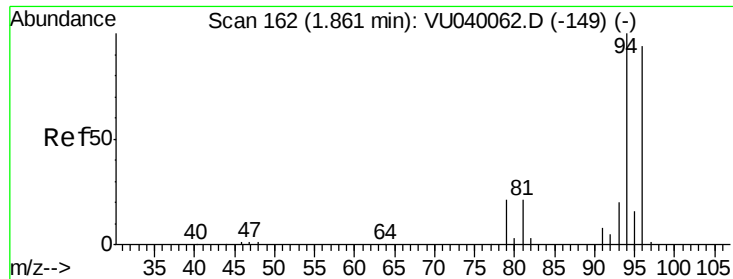
64 30.9 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

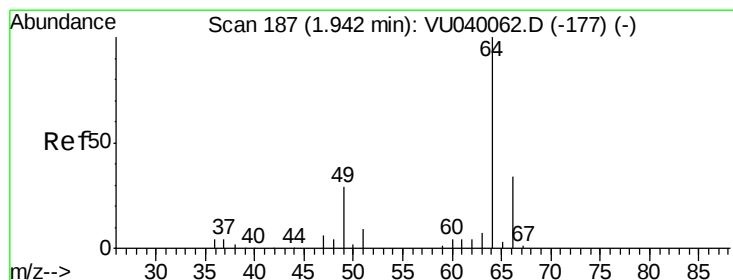
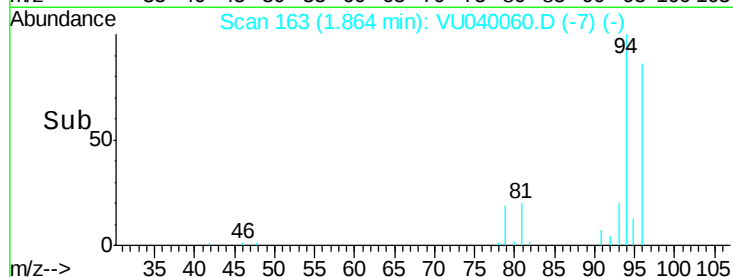
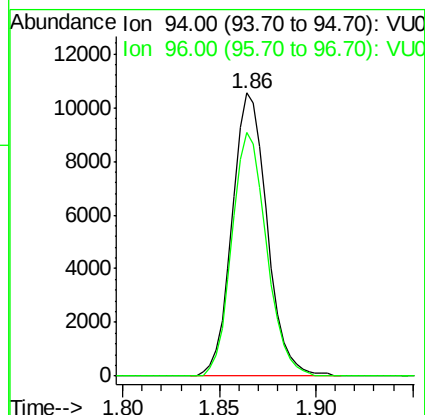
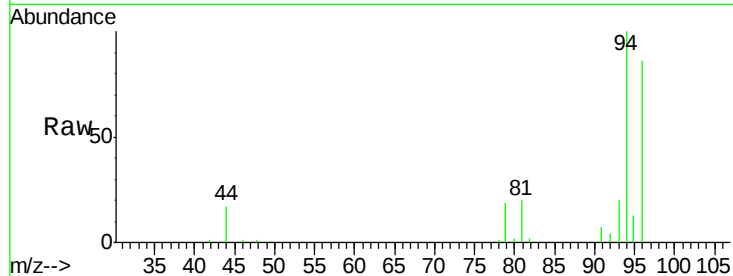




#5
 Bromomethane
 Concen: 1.825 ug/l
 RT: 1.86 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

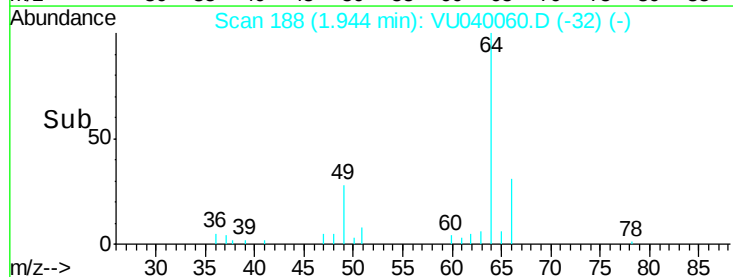
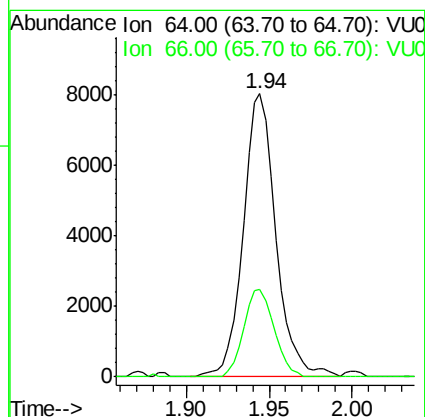
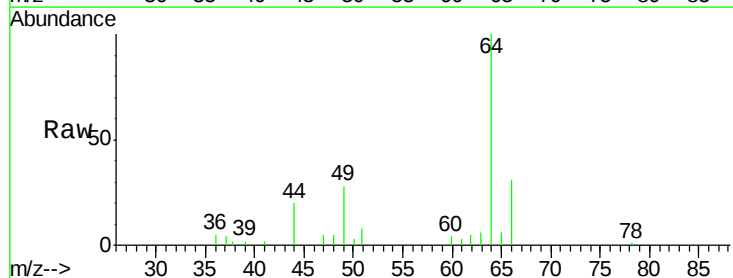
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

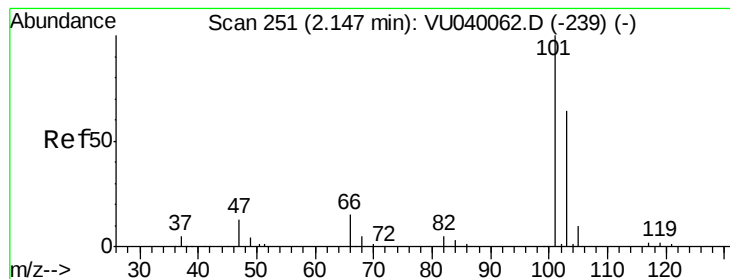
Tgt Ion: 94 Resp: 13261
 Ion Ratio Lower Upper
 94 100
 96 86.3 75.4 113.2



#6
 Chloroethane
 Concen: 1.503 ug/l
 RT: 1.94 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 64 Resp: 10937
 Ion Ratio Lower Upper
 64 100
 66 30.7 26.7 40.1



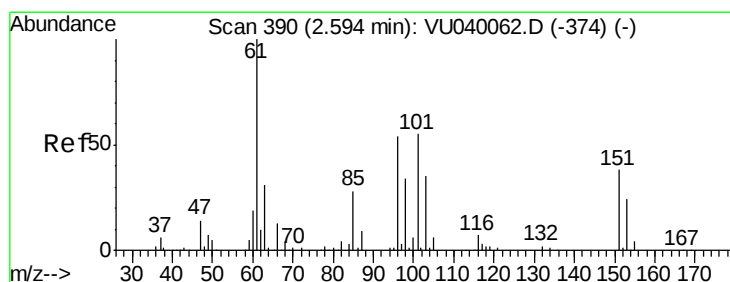
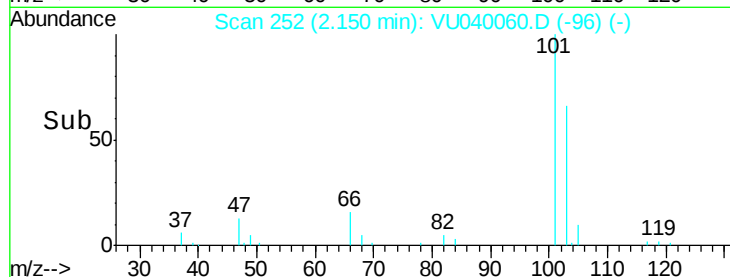
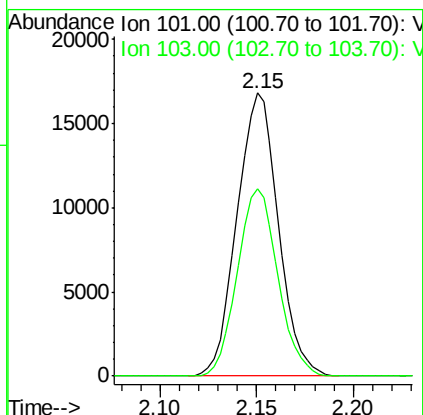
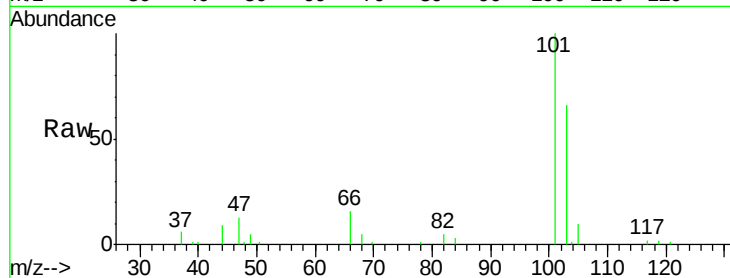


#7

Trichlorofluoromethane
Concen: 1.754 ug/l
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

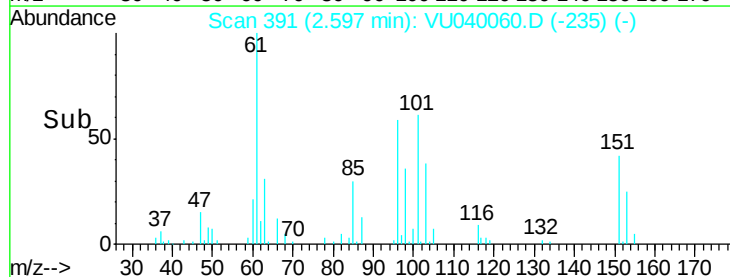
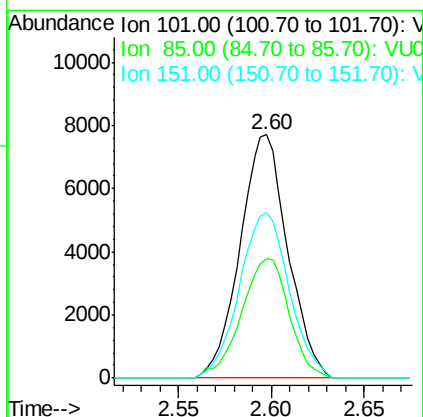
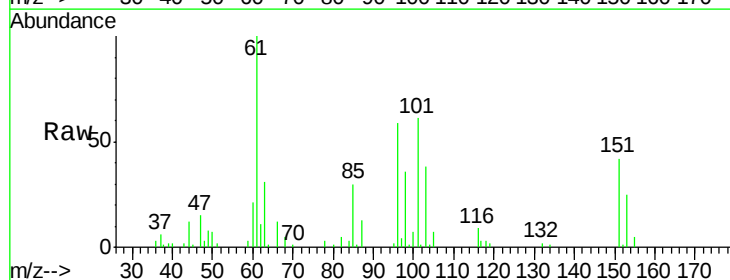
Tgt Ion:101 Resp: 24968
Ion Ratio Lower Upper
101 100
103 66.4 50.8 76.2

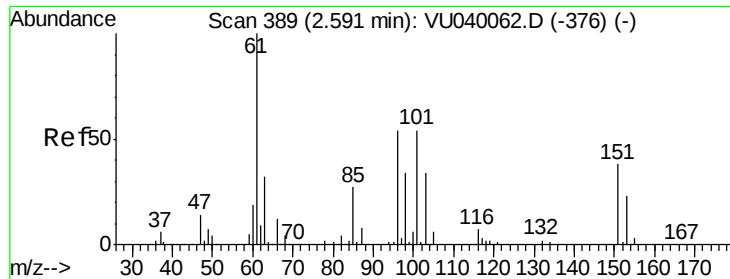


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.689 ug/l
RT: 2.60 min Scan# 391
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion:101 Resp: 13800
Ion Ratio Lower Upper
101 100
85 49.2 38.5 57.7
151 70.9 54.6 81.8





#9

1,1-Dichloroethene

Concen: 1.671 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

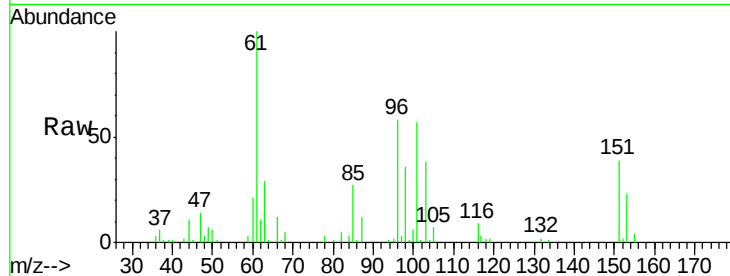
Tgt Ion: 96 Resp: 12406

Ion Ratio Lower Upper

96 100

61 172.2 0.0 557.1

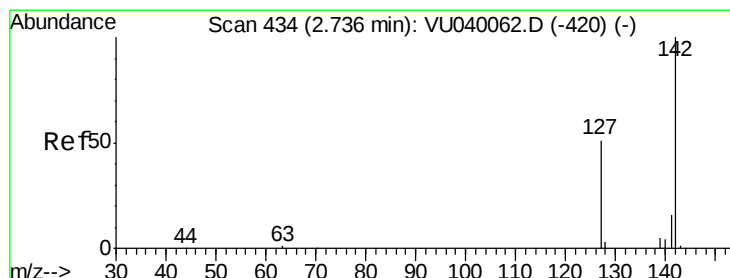
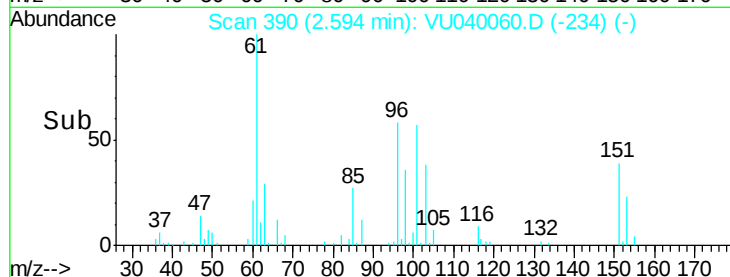
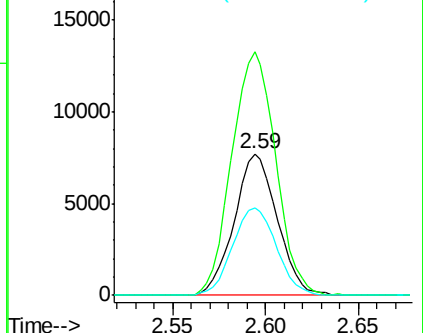
98 62.1 0.0 125.6



Abundance Ion 96.00 (95.70 to 96.70): VU040060.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU040060.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU040060.D (-234) (-)



#10

Iodomethane

Concen: 1.152 ug/l

RT: 2.74 min Scan# 435

Delta R.T. 0.00 min

Lab File: VU040060.D

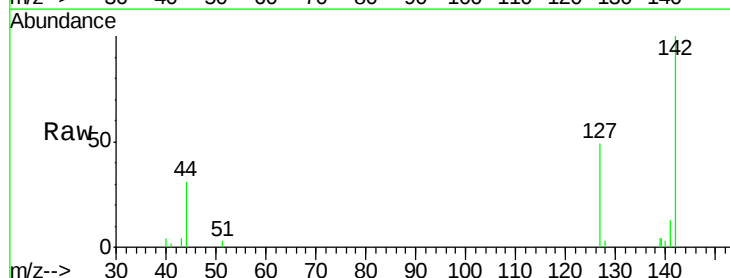
Acq: 09 Sep 2020 11:29

Tgt Ion: 142 Resp: 8518

Ion Ratio Lower Upper

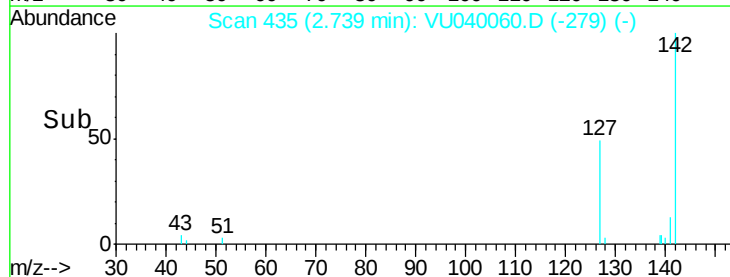
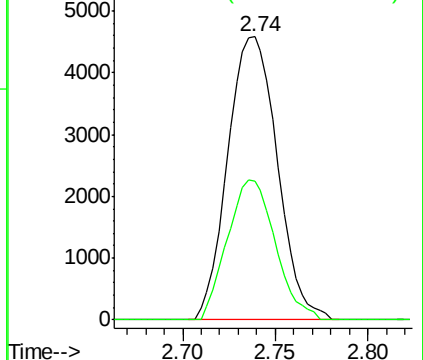
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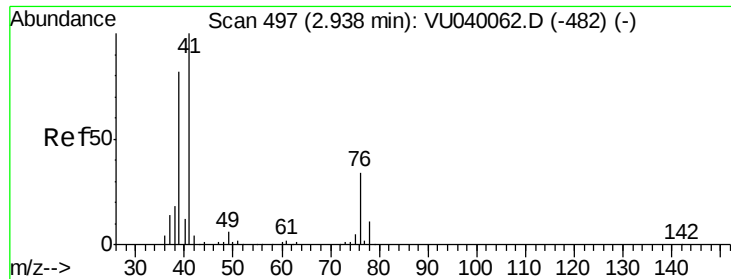
127 47.7 41.4 62.0



Abundance Ion 142.00 (141.70 to 142.70): VU040060.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU040060.D (-279) (-)

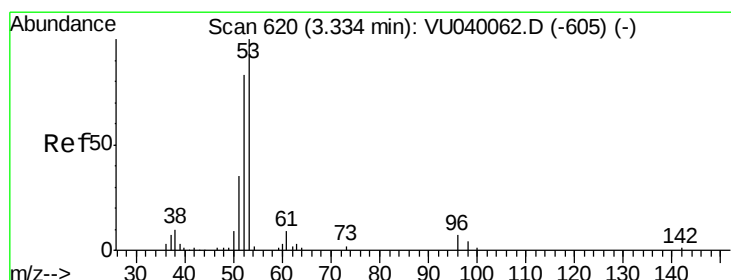
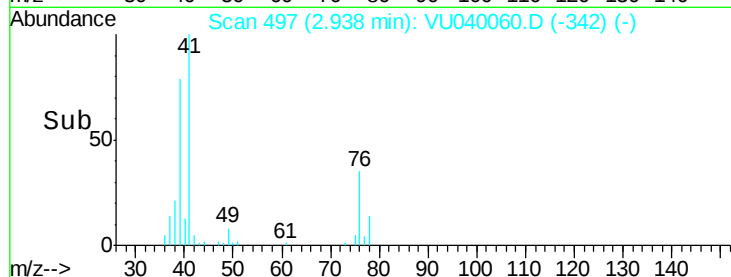
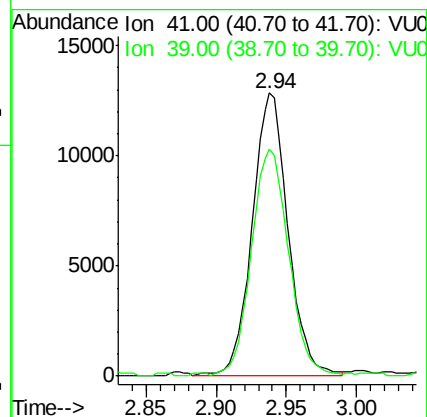
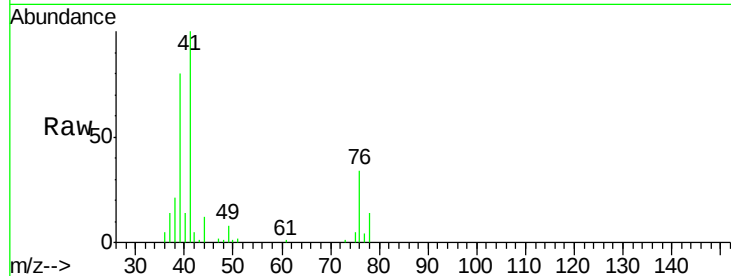




#11
 Allyl Chloride
 Concen: 1.446 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

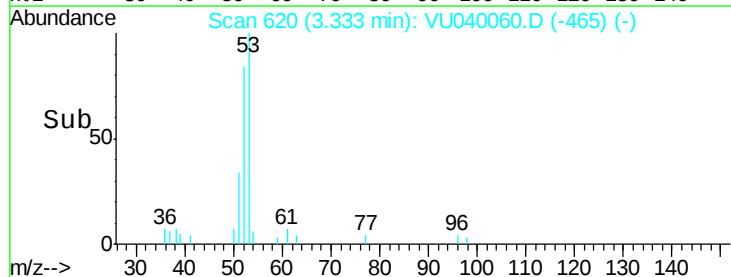
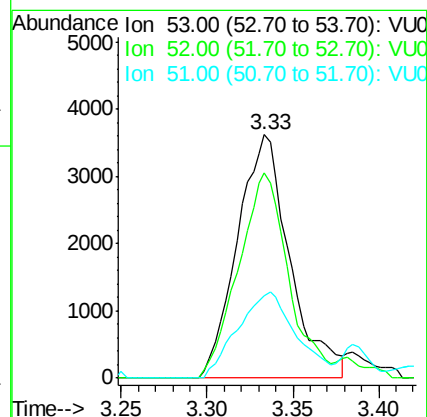
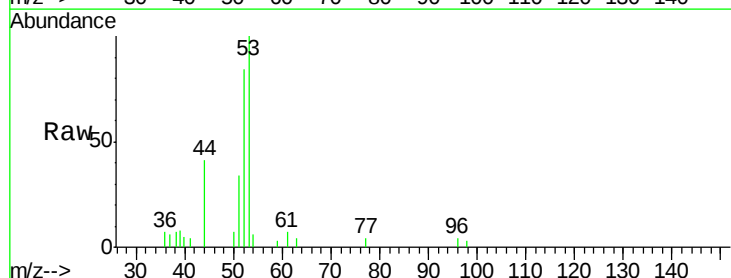
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

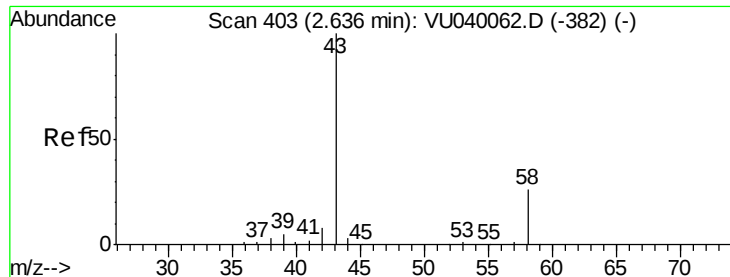
Tgt Ion: 41 Resp: 22895
 Ion Ratio Lower Upper
 41 100
 39 83.5 64.6 96.8



#12
 Acrylonitrile
 Concen: 2.934 ug/l
 RT: 3.33 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 53 Resp: 7660
 Ion Ratio Lower Upper
 53 100
 52 80.0 64.0 96.0
 51 39.3 28.2 42.2





#13

Acetone

Concen: 7.695 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

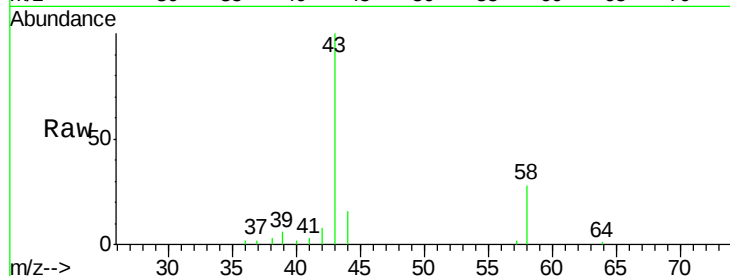
VSTDIC002

Tgt Ion: 43 Resp: 18928

Ion Ratio Lower Upper

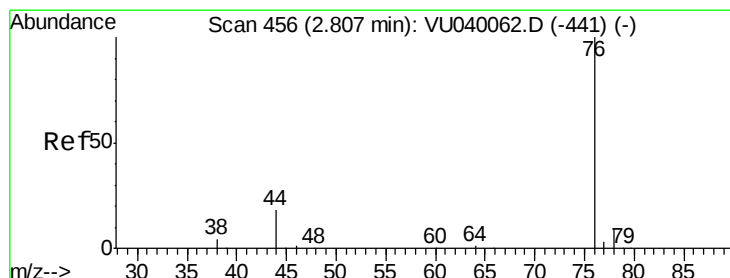
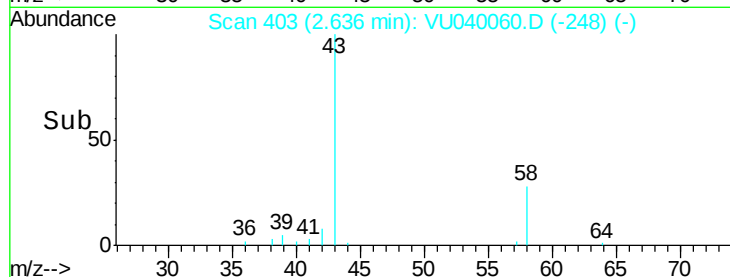
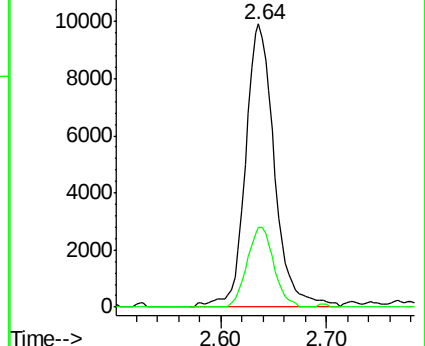
43 100

58 28.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VU040060.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VU040060.D (-248) (-)



#14

Carbon Disulfide

Concen: 1.227 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040060.D

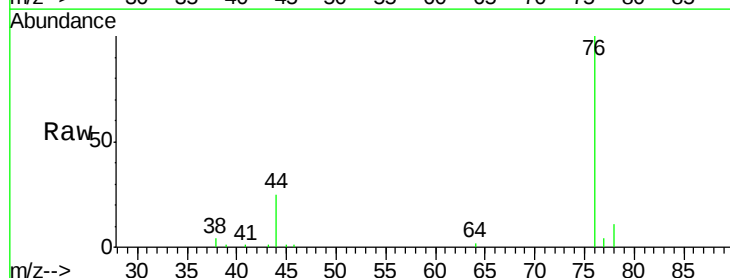
Acq: 09 Sep 2020 11:29

Tgt Ion: 76 Resp: 32348

Ion Ratio Lower Upper

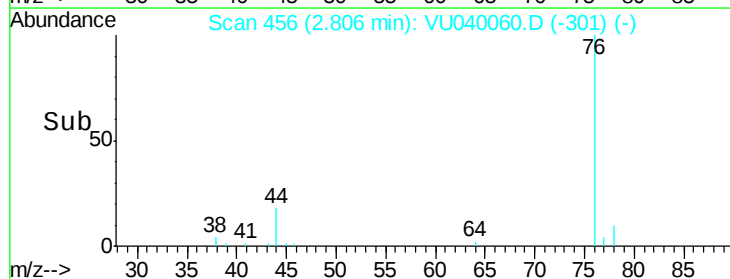
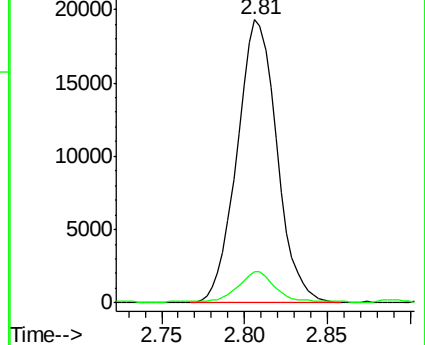
76 100

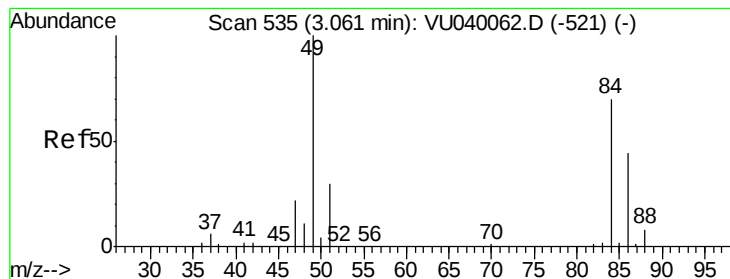
78 10.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU040060.D (-301) (-)

Ion 78.00 (77.70 to 78.70): VU040060.D (-301) (-)





#15

Methylene Chloride

Concen: 1.660 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 84 Resp: 17324

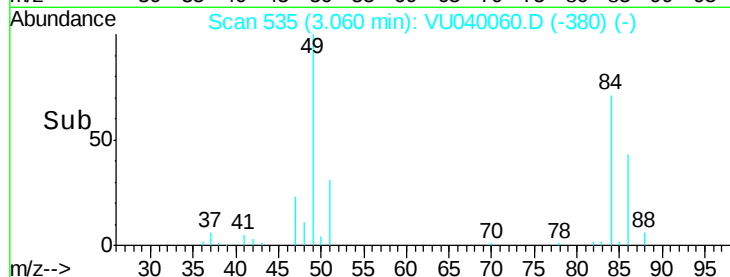
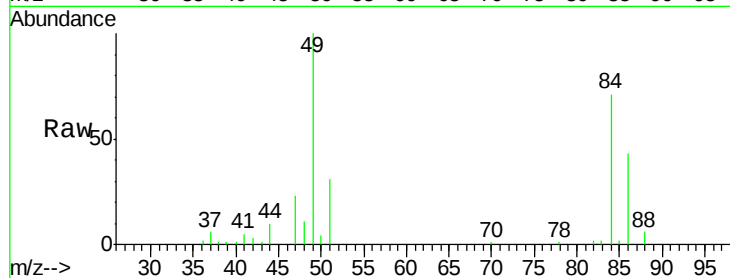
Ion Ratio Lower Upper

84 100

49 141.3 114.3 171.5

51 43.7 0.0 84.6

86 61.2 50.6 76.0

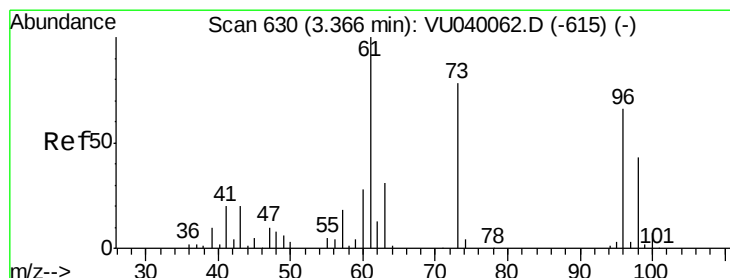
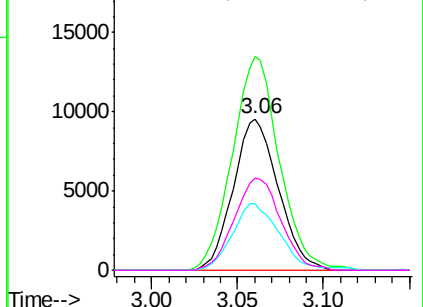


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 1.561 ug/l

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

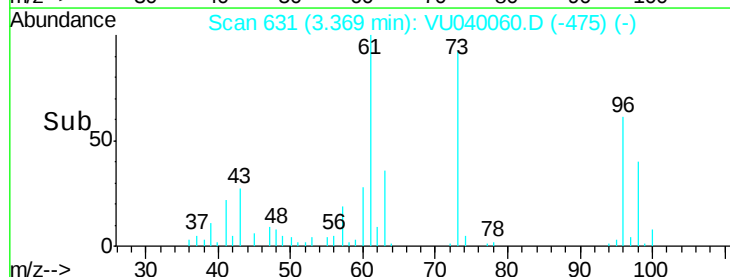
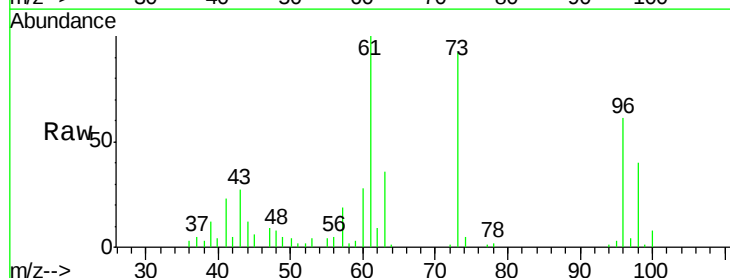
Tgt Ion: 96 Resp: 13163

Ion Ratio Lower Upper

96 100

61 164.6 121.4 182.0

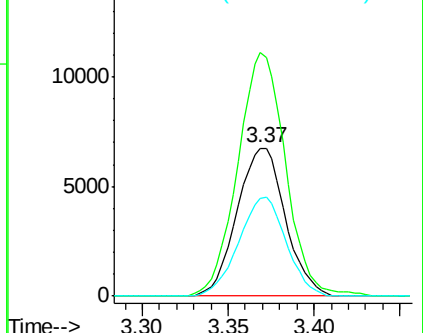
98 66.0 51.9 77.9

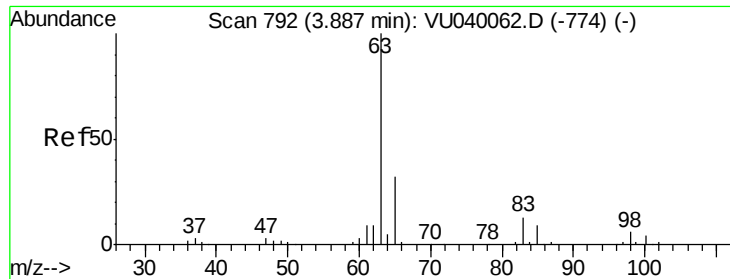


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

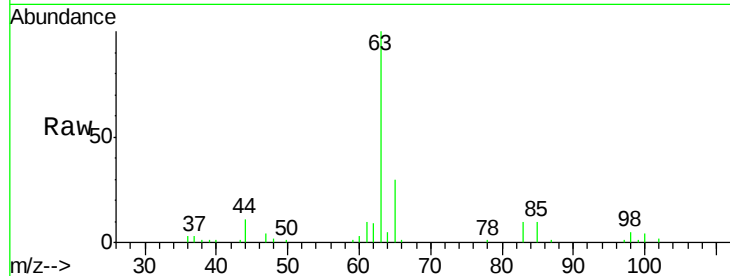




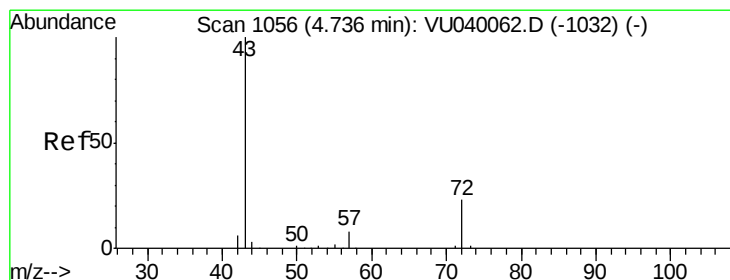
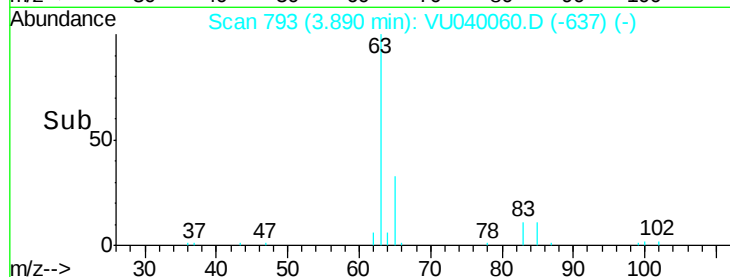
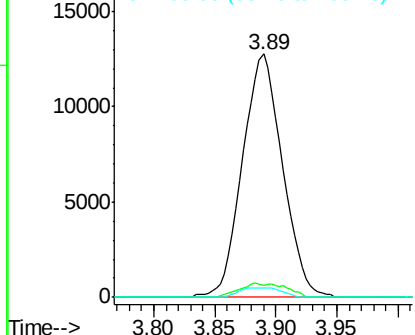
#17
 1,1-Dichloroethane
 Concen: 1.578 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 63 Resp: 28996
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.1 9.4
 100 3.9 2.0 5.8

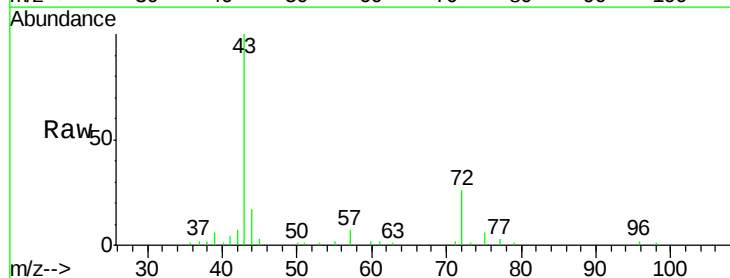


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

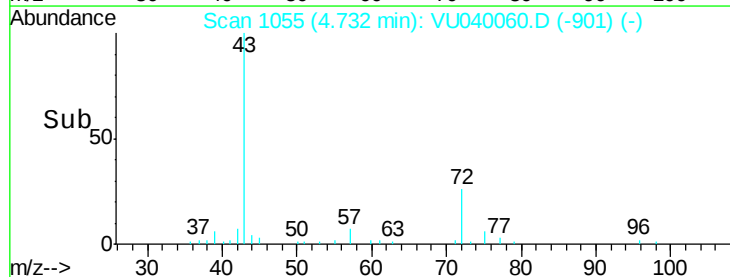
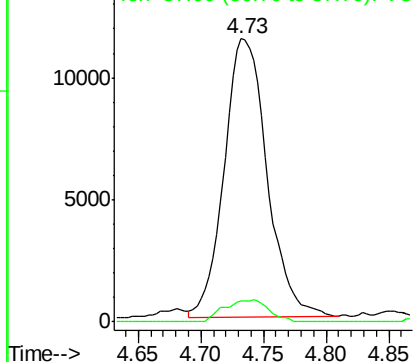


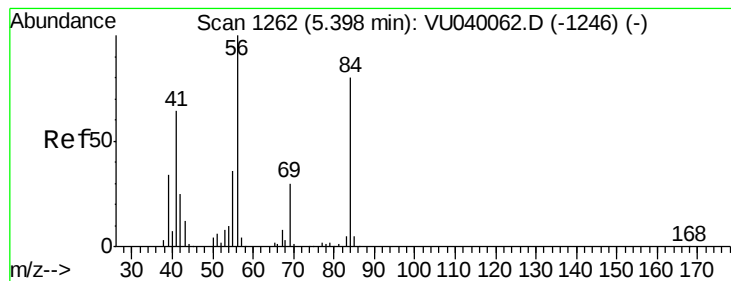
#18
 2-Butanone
 Concen: 6.659 ug/l
 RT: 4.73 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 43 Resp: 27099
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 1.212 ug/l

RT: 5.40 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

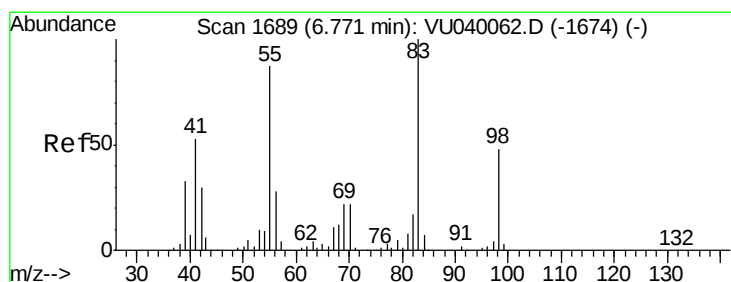
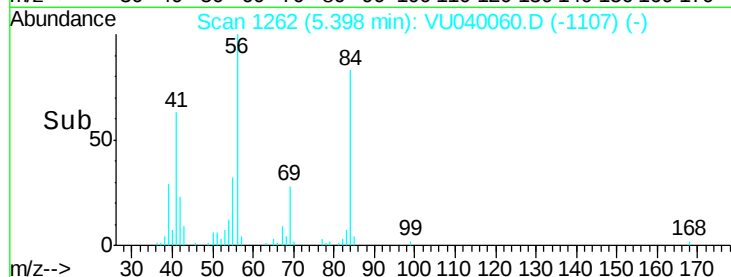
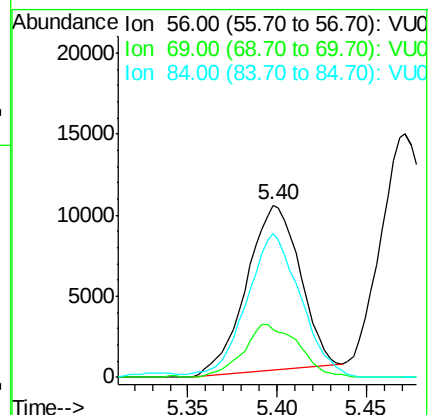
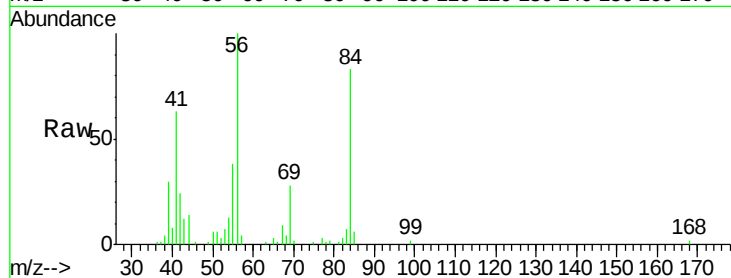
Tgt Ion: 56 Resp: 21281

Ion Ratio Lower Upper

56 100

69 33.3 23.5 35.3

84 85.8 63.8 95.6



#20

Methylcyclohexane

Concen: 1.558 ug/l

RT: 6.77 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

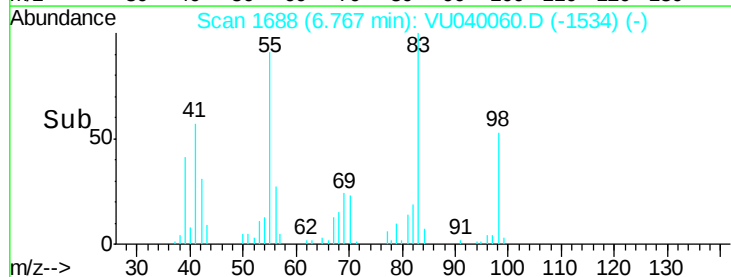
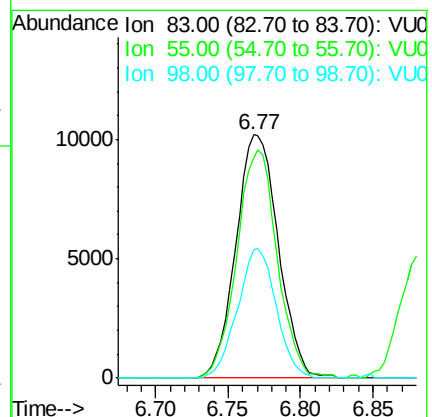
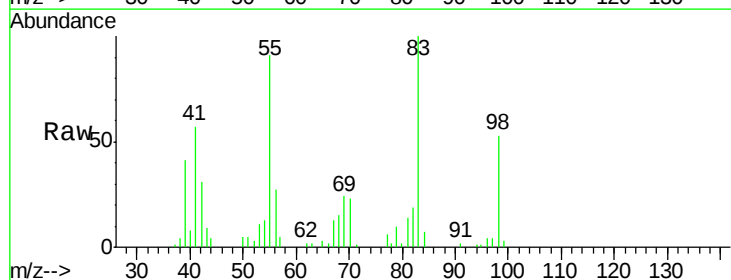
Tgt Ion: 83 Resp: 20708

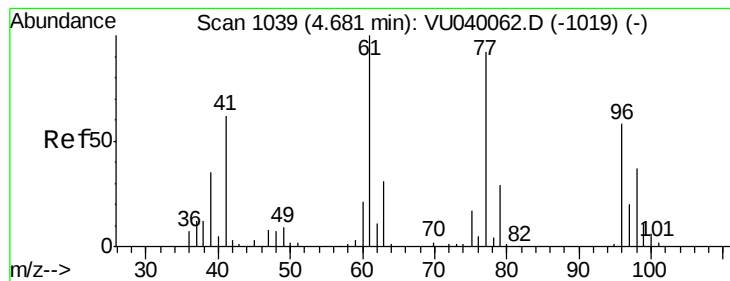
Ion Ratio Lower Upper

83 100

55 89.4 69.4 104.2

98 48.5 37.5 56.3





#21

2,2-Dichloropropane

Concen: 1.663 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

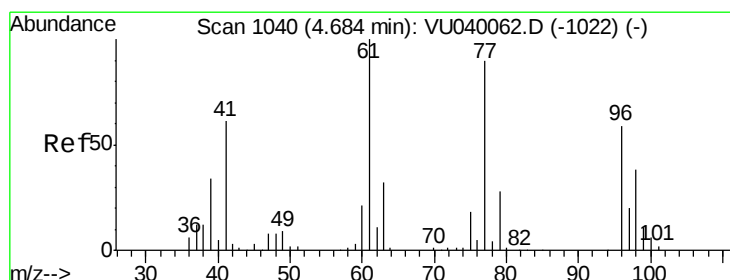
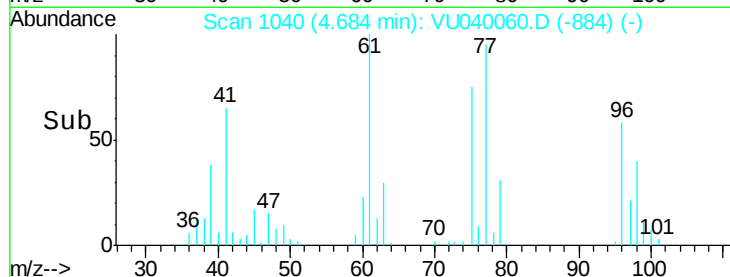
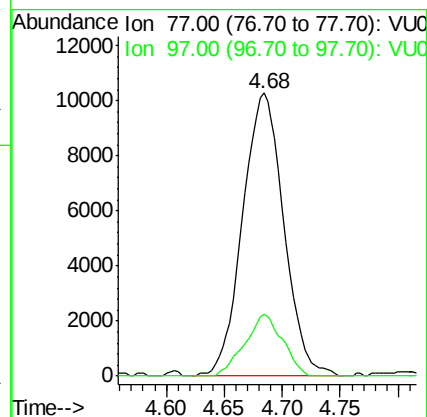
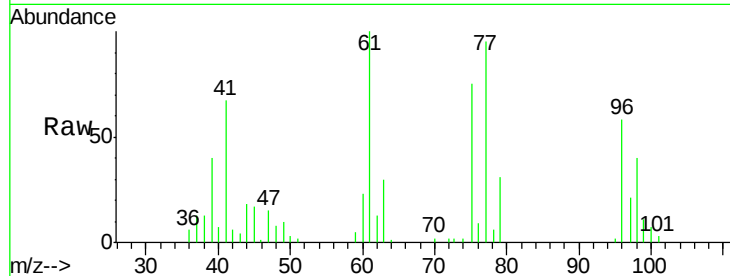
VSTDIC002

Tgt Ion: 77 Resp: 25407

Ion Ratio Lower Upper

77 100

97 19.9 16.4 24.6



#22

cis-1,2-Dichloroethene

Concen: 1.629 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

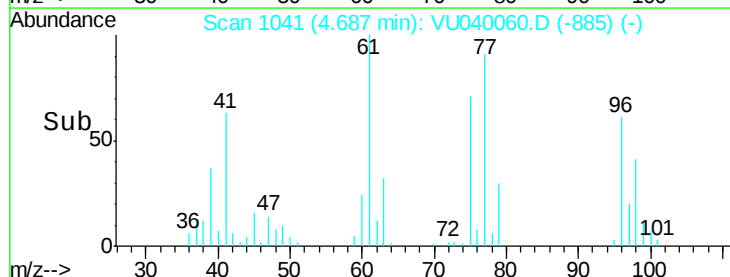
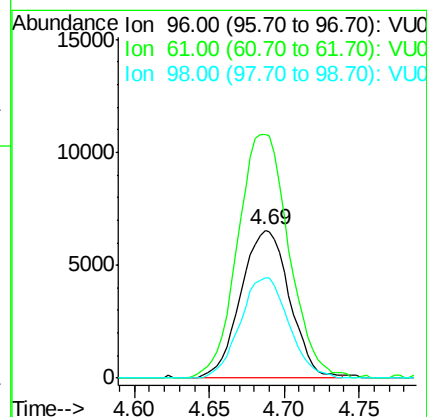
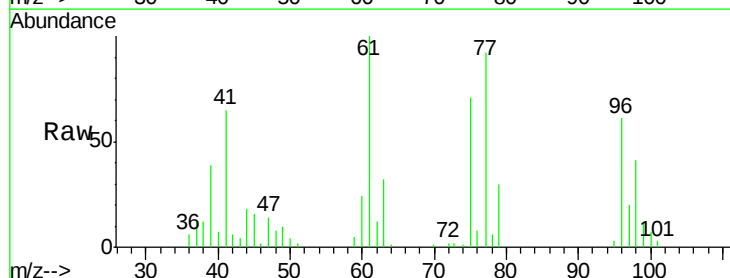
Tgt Ion: 96 Resp: 14894

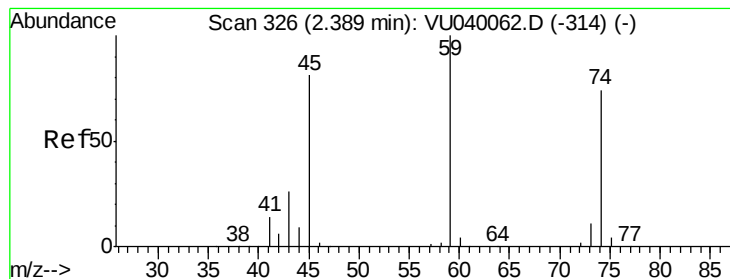
Ion Ratio Lower Upper

96 100

61 172.8 0.0 420.0

98 67.6 31.8 95.3





#23

Diethyl Ether

Concen: 1.466 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

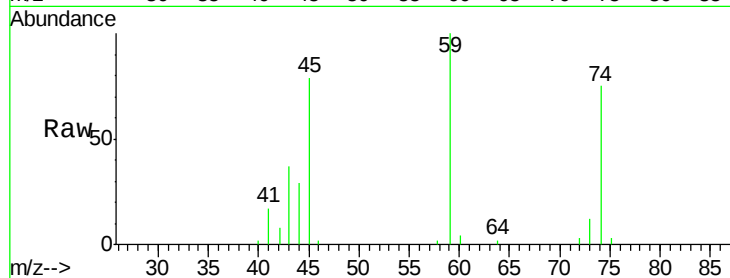
Tgt Ion: 59 Resp: 11035

Ion Ratio Lower Upper

59 100

45 75.9 62.4 93.6

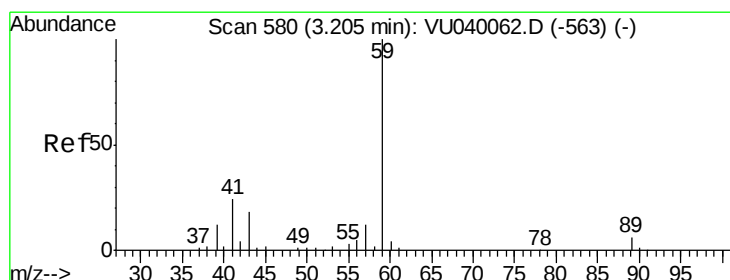
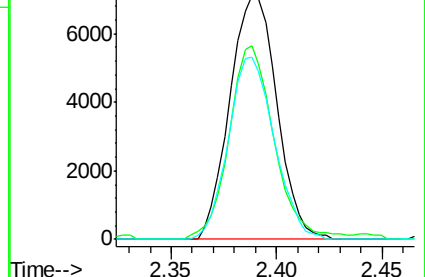
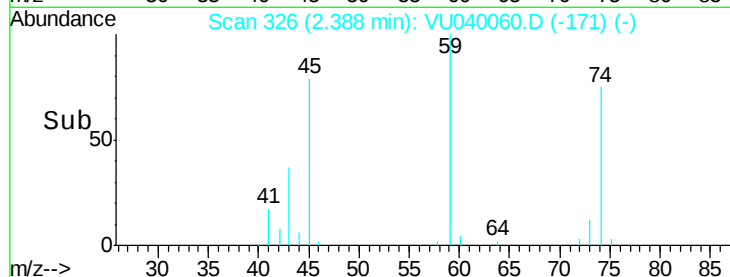
74 72.8 57.7 86.5



Abundance Ion 59.00 (58.70 to 59.70): VU040060.D (-171) (-)

Ion 45.00 (44.70 to 45.70): VU040060.D (-171) (-)

Ion 74.00 (73.70 to 74.70): VU040060.D (-171) (-)



#24

tert-Butyl Alcohol

Concen: 10.236 ug/l

RT: 3.20 min Scan# 578

Delta R.T. -0.01 min

Lab File: VU040060.D

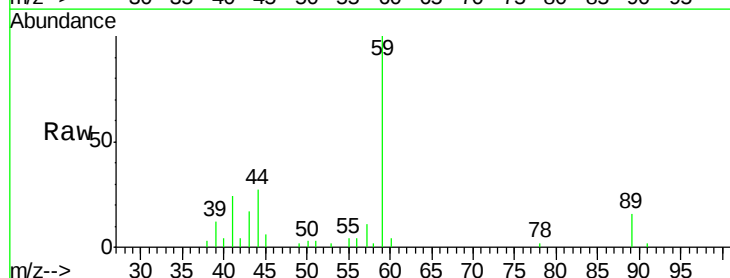
Acq: 09 Sep 2020 11:29

Tgt Ion: 59 Resp: 14000

Ion Ratio Lower Upper

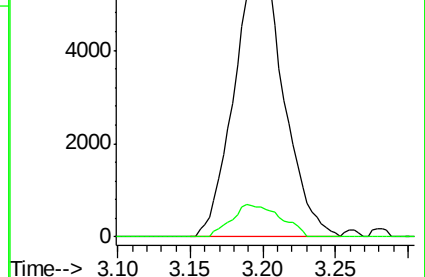
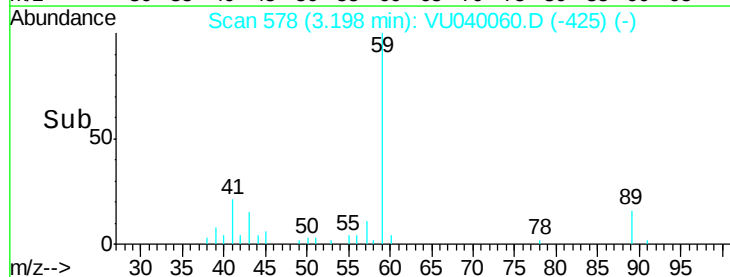
59 100

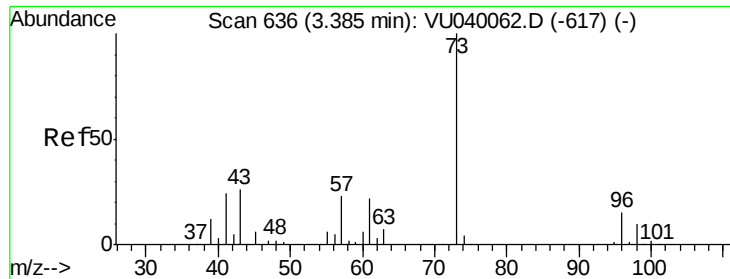
57 11.6 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VU040060.D (-425) (-)

Ion 57.00 (56.70 to 57.70): VU040060.D (-425) (-)





#25

Methyl tert-Butyl Ether

Concen: 1.632 ug/l

RT: 3.38 min Scan# 635

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

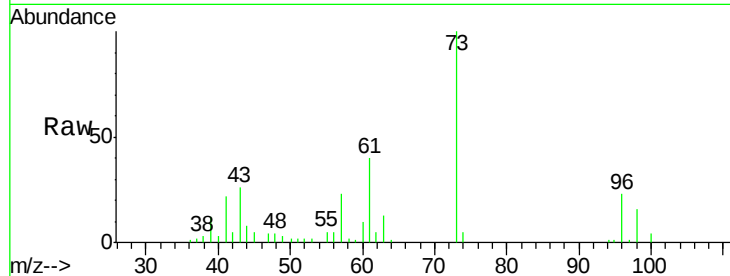
VSTDIC002

Tgt Ion: 73 Resp: 39609

Ion Ratio Lower Upper

73 100

43 27.5 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VU040062.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU040062.D (-617) (-)

3.38

20000

15000

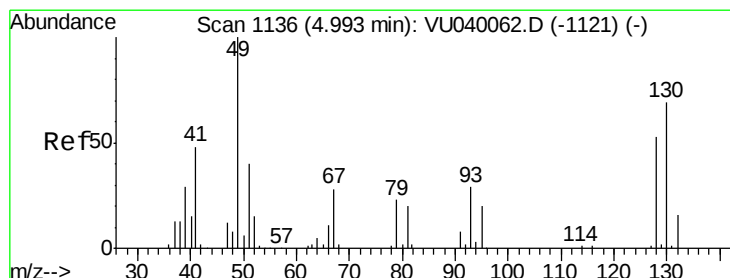
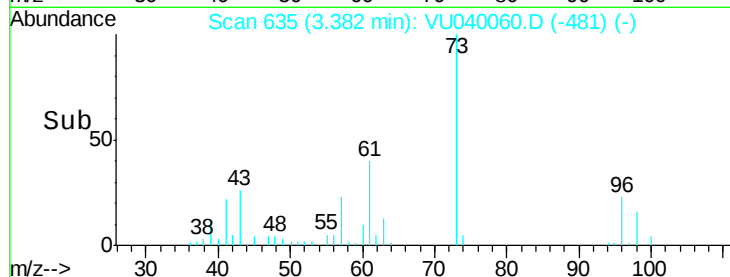
10000

5000

0

Time-->

3.30 3.35 3.40 3.45 3.50



#26

Bromochloromethane

Concen: 1.788 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

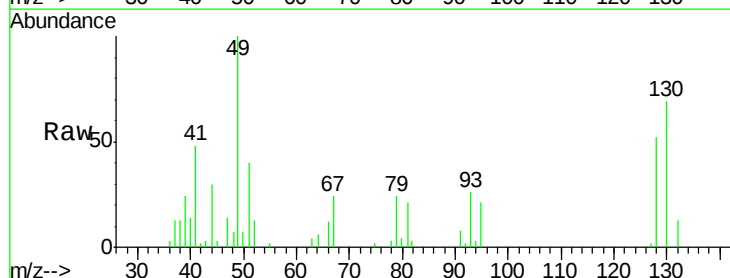
Tgt Ion: 128 Resp: 6756

Ion Ratio Lower Upper

128 100

49 192.1 0.0 390.6

130 129.6 104.9 157.3



Abundance Ion 128.00 (127.70 to 128.70): VU040062.D (-1121) (-)

Ion 49.00 (48.70 to 49.70): VU040062.D (-1121) (-)

Ion 130.00 (129.70 to 130.70): VU040062.D (-1121) (-)

4.99

8000

6000

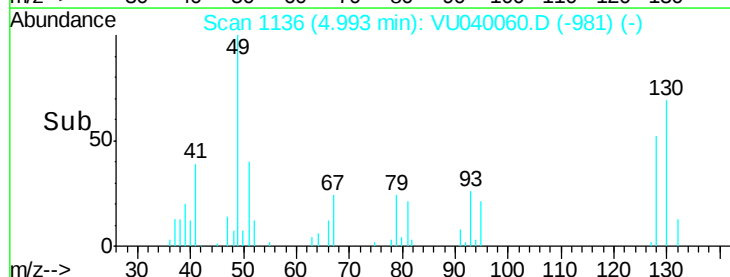
4000

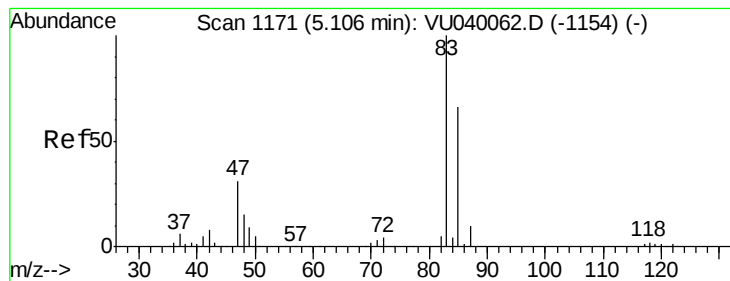
2000

0

Time-->

4.95 5.00 5.05





#27

Chloroform

Concen: 1.570 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

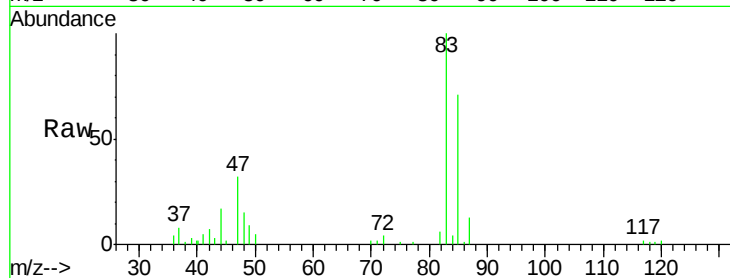
VSTDIC002

Tgt Ion: 83 Resp: 27369

Ion Ratio Lower Upper

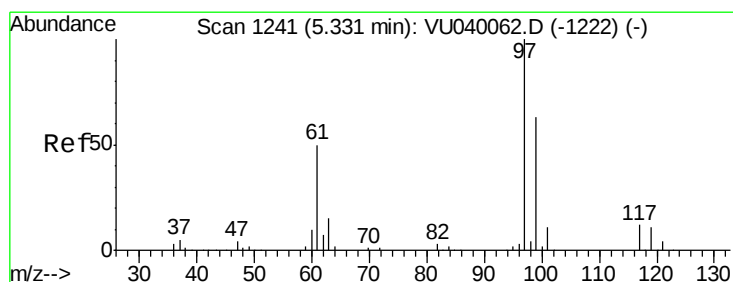
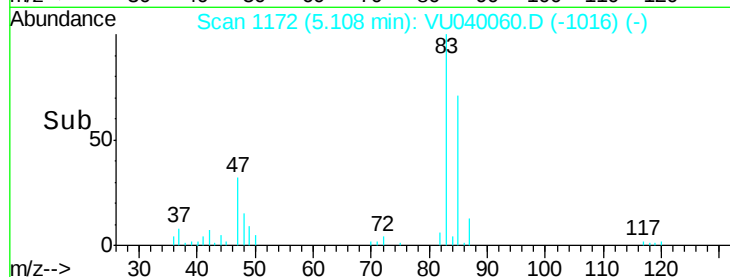
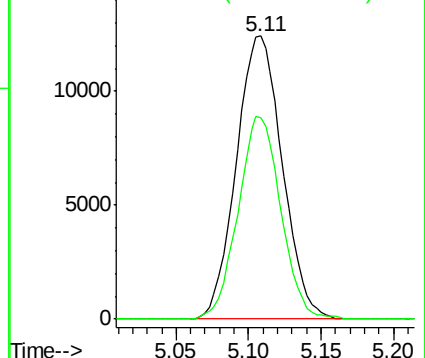
83 100

85 71.3 0.0 132.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.748 ug/l

RT: 5.33 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

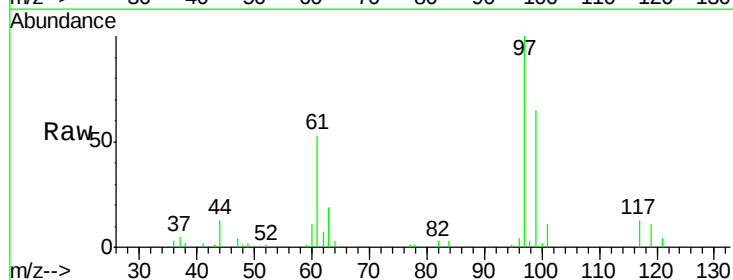
Tgt Ion: 97 Resp: 24941

Ion Ratio Lower Upper

97 100

99 65.4 31.8 95.4

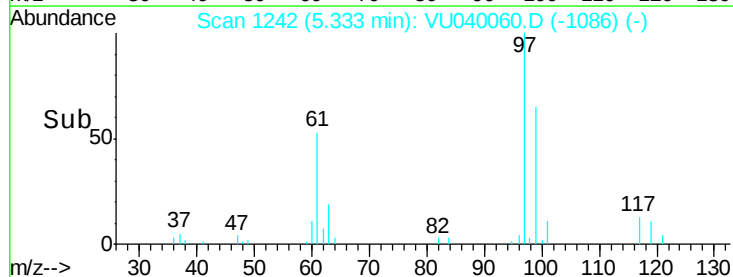
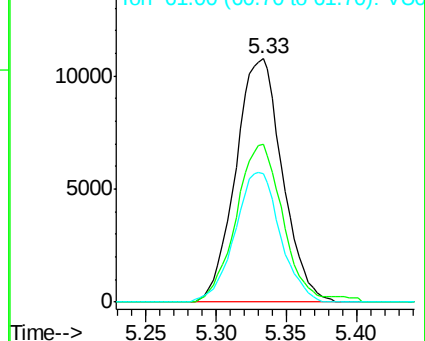
61 51.7 25.1 75.2

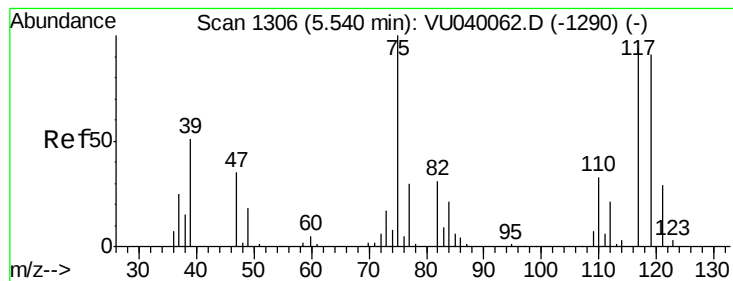


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 1.500 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

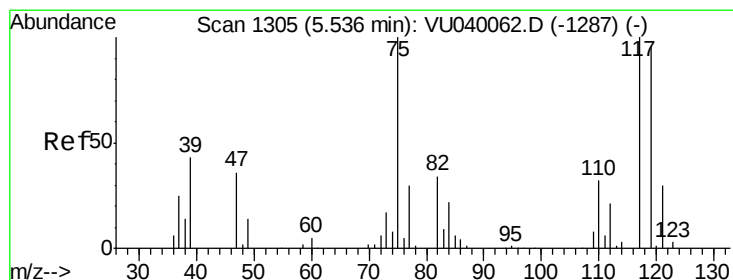
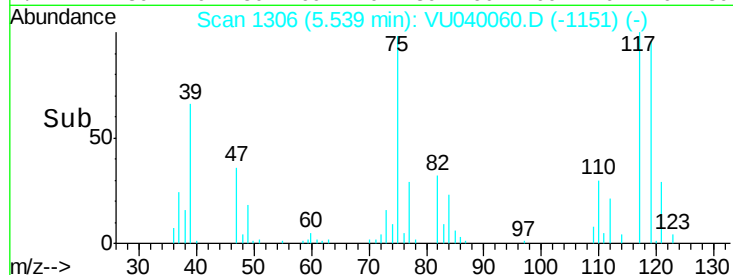
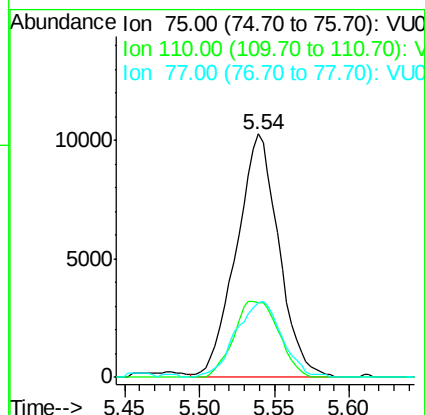
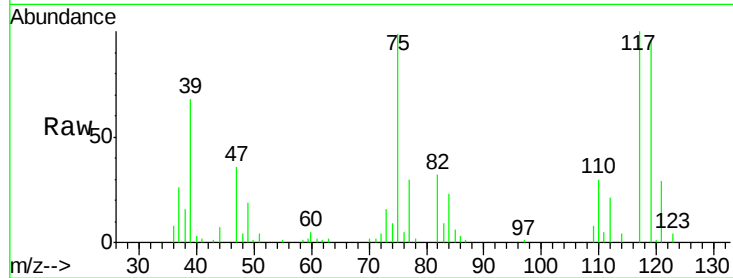
Tgt Ion: 75 Resp: 20288

Ion Ratio Lower Upper

75 100

110 33.0 16.2 48.6

77 33.9 25.3 37.9



#30

Carbon Tetrachloride

Concen: 1.897 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

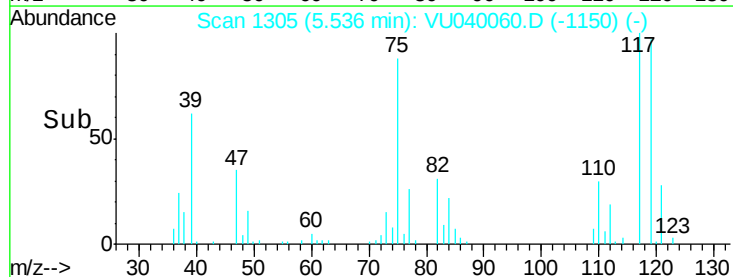
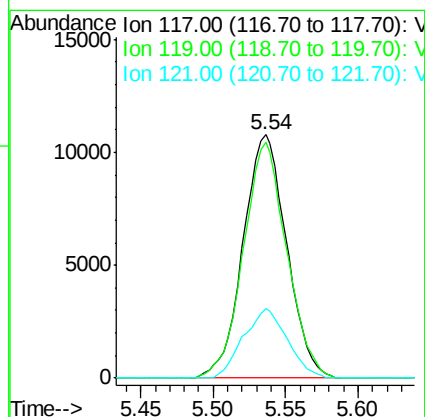
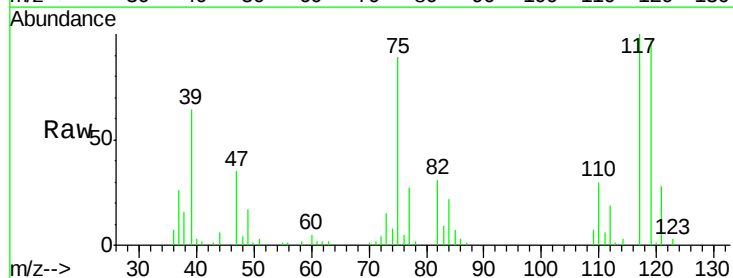
Tgt Ion: 117 Resp: 22495

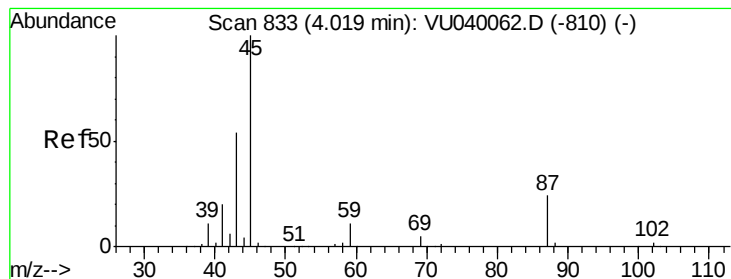
Ion Ratio Lower Upper

117 100

119 96.7 77.0 115.4

121 28.3 24.2 36.4





#31

Isopropyl Ether

Concen: 1.457 ug/l

RT: 4.02 min Scan# 835

Delta R.T. 0.01 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

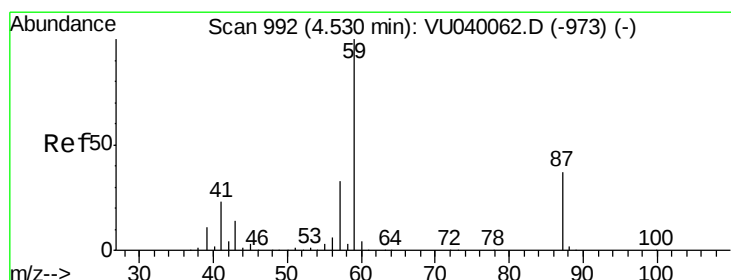
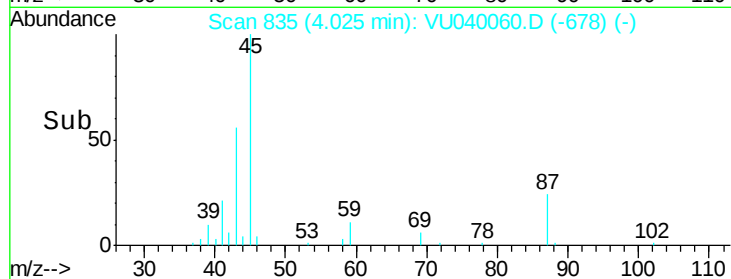
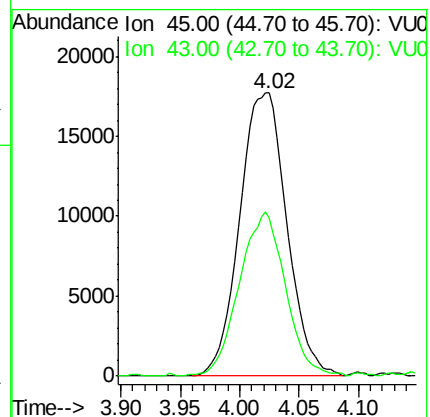
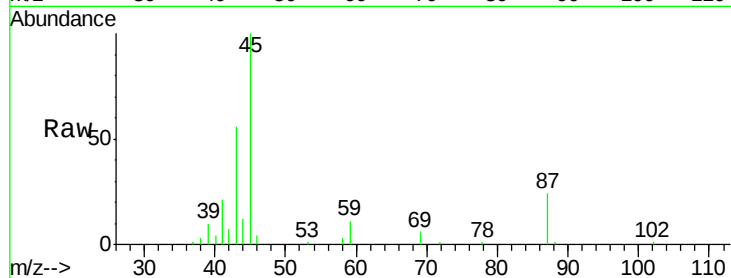
VSTDIC002

Tgt Ion: 45 Resp: 48628

Ion Ratio Lower Upper

45 100

43 56.6 27.9 83.7



#32

Ethyl-t-butyl ether

Concen: 1.513 ug/l

RT: 4.53 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU040060.D

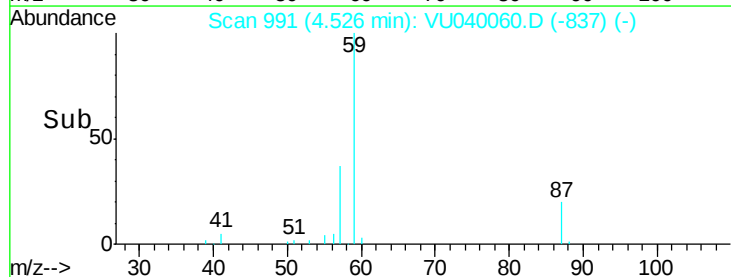
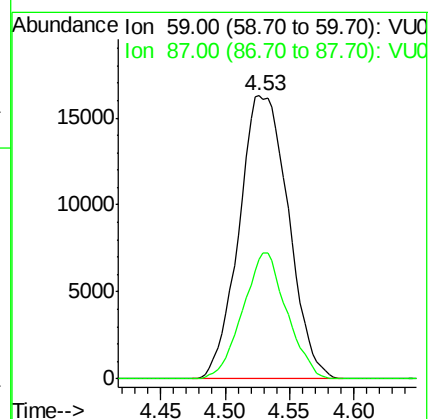
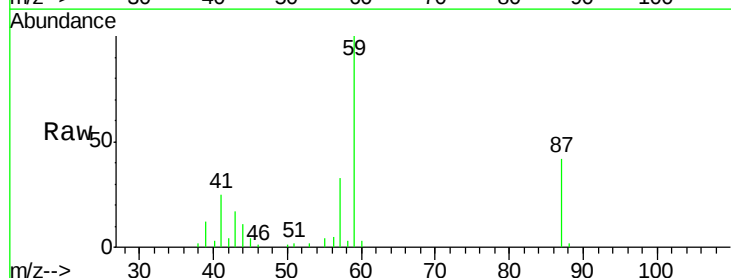
Acq: 09 Sep 2020 11:29

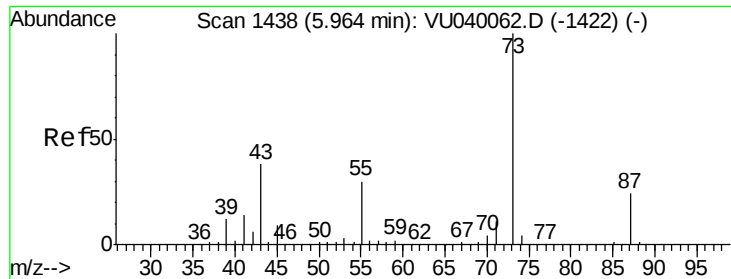
Tgt Ion: 59 Resp: 43397

Ion Ratio Lower Upper

59 100

87 39.6 30.7 46.1

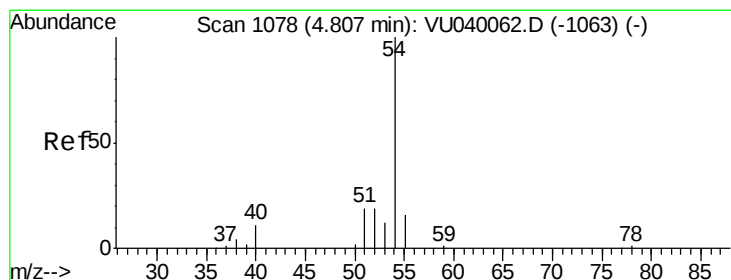
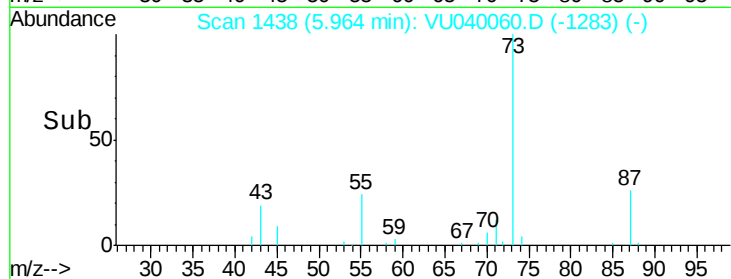
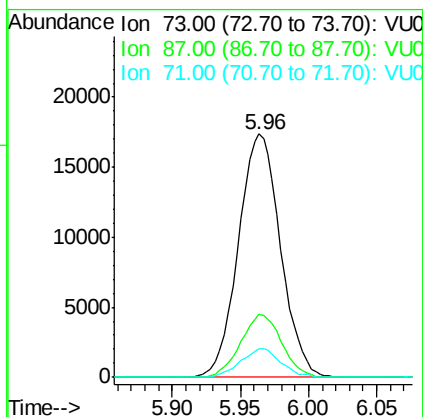
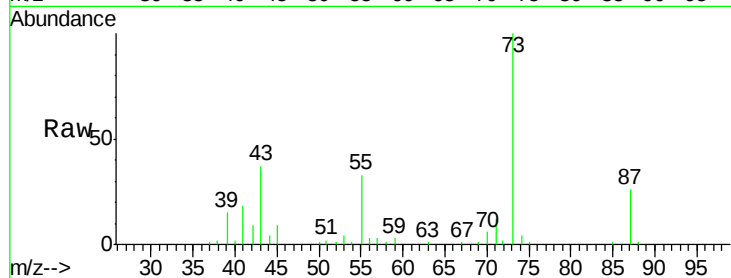




#33
Tert-Amyl methyl ether
Concen: 1.748 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

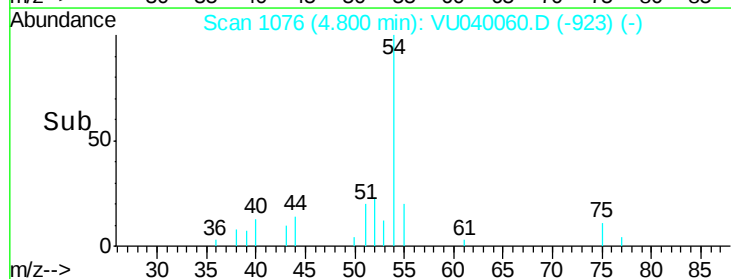
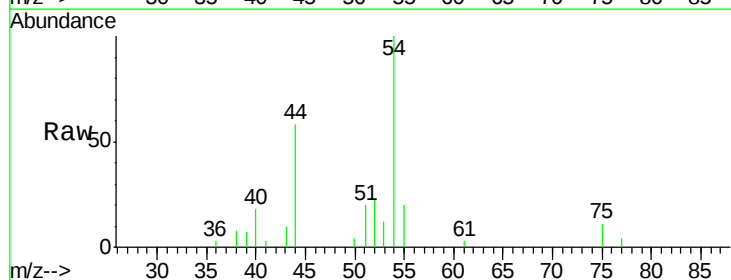
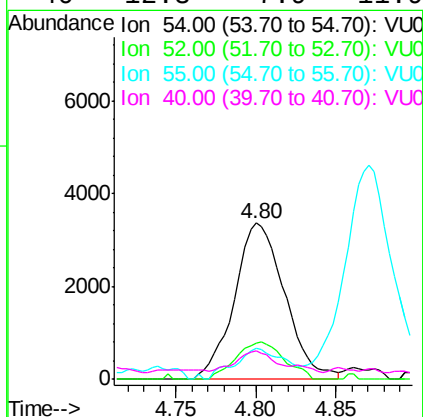
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

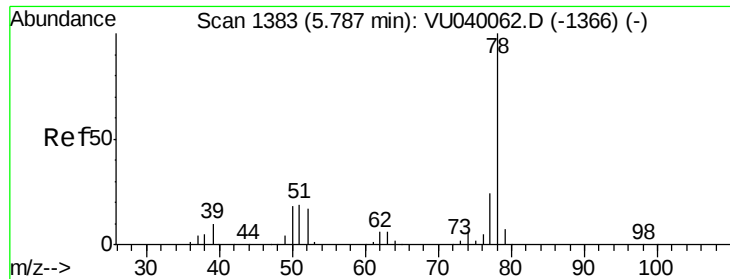
Tgt Ion: 73 Resp: 37142
Ion Ratio Lower Upper
73 100
87 25.0 19.4 29.0
71 11.2 9.2 13.8



#34
Propionitrile
Concen: 7.183 ug/l
RT: 4.80 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 54 Resp: 7228
Ion Ratio Lower Upper
54 100
52 22.6 16.2 24.4
55 18.7 12.6 18.8
40 12.3 7.9 11.9#





#35

Benzene

Concen: 1.759 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

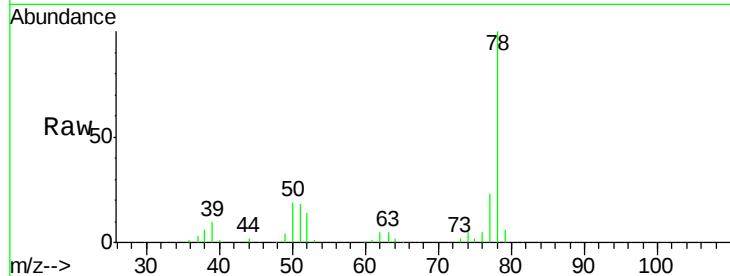
VSTDIC002

Tgt Ion: 78 Resp: 59934

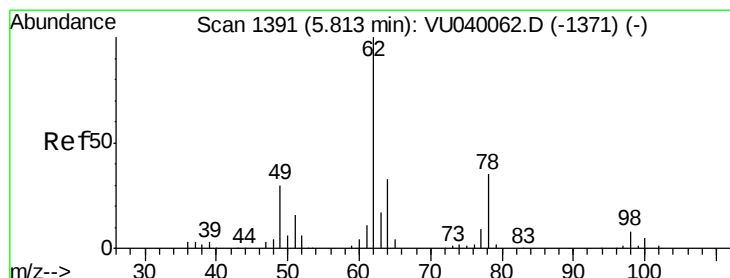
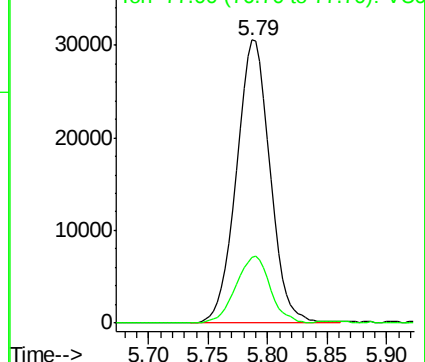
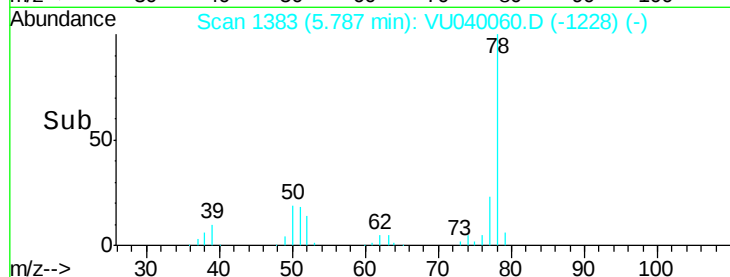
Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU040060.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 1.760 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040060.D

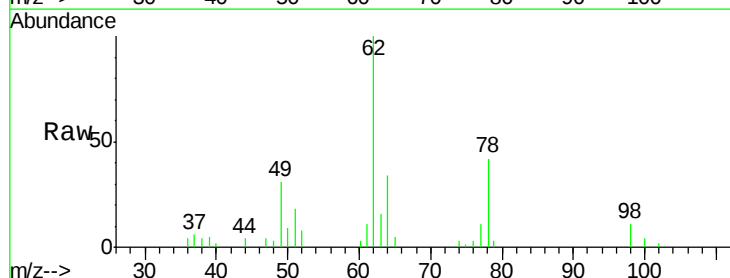
Acq: 09 Sep 2020 11:29

Tgt Ion: 62 Resp: 22547

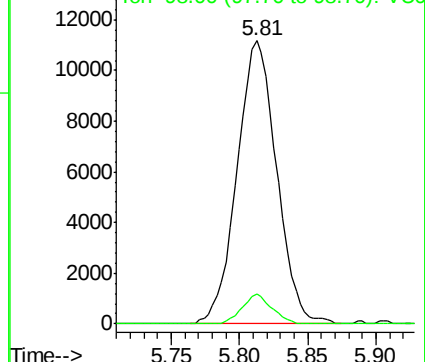
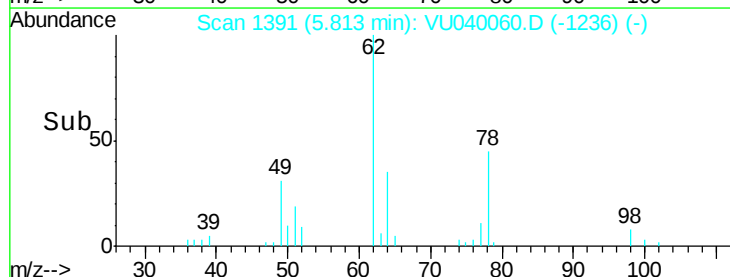
Ion Ratio Lower Upper

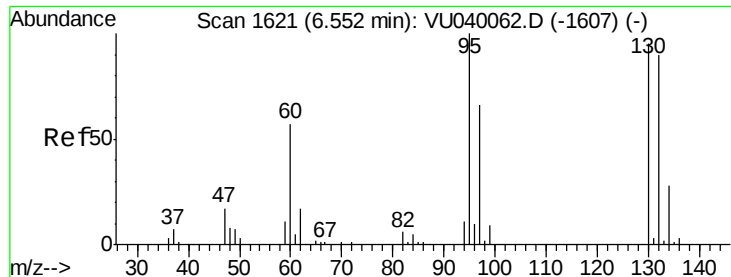
62 100

98 7.9 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU040060.D (-1236) (-)

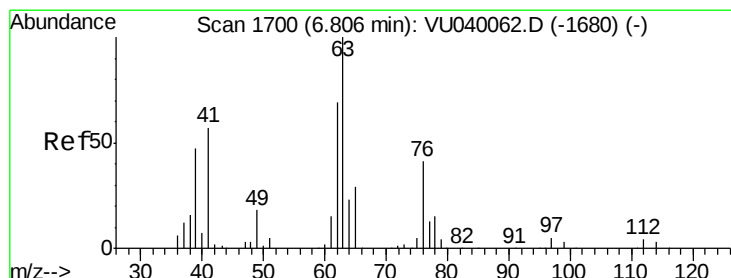
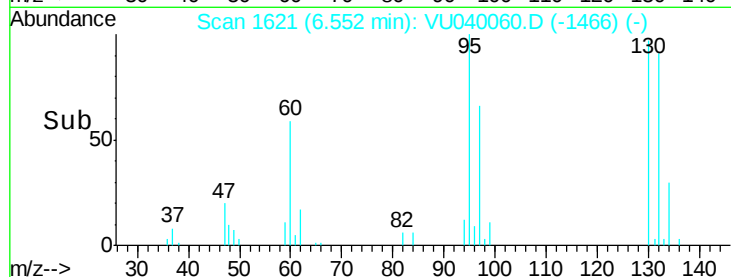
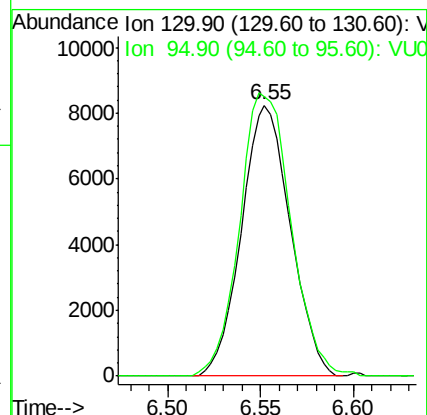
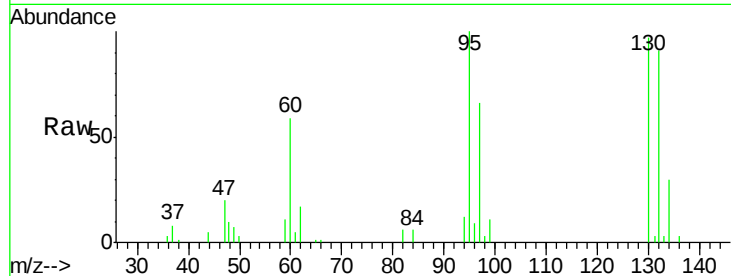




#37
 Trichloroethene
 Concen: 1.915 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

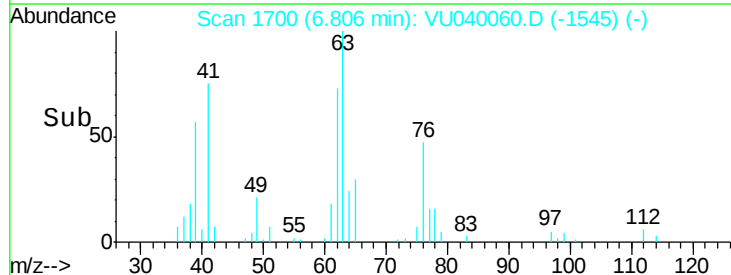
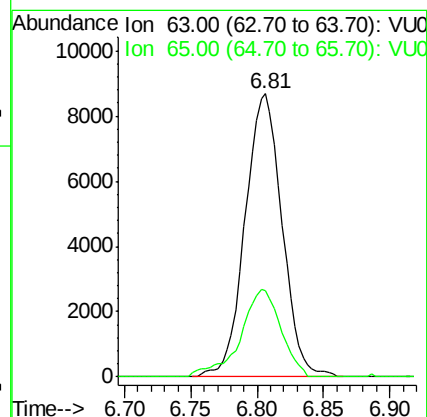
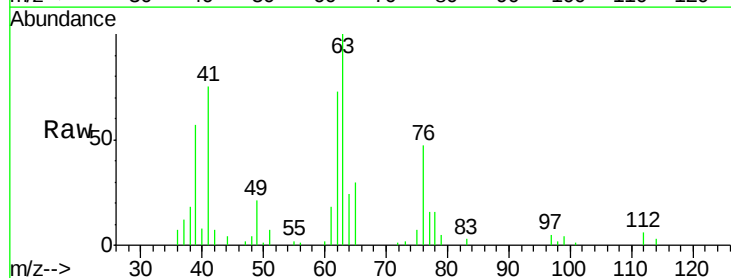
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

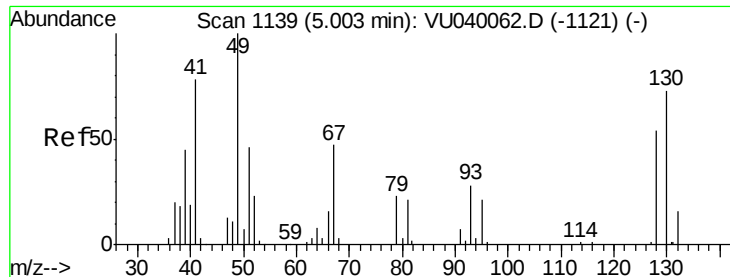
Tgt Ion: 130 Resp: 15088
 Ion Ratio Lower Upper
 130 100
 95 102.9 84.2 126.2



#38
 1,2-Dichloropropane
 Concen: 1.799 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 63 Resp: 16852
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.0 34.6

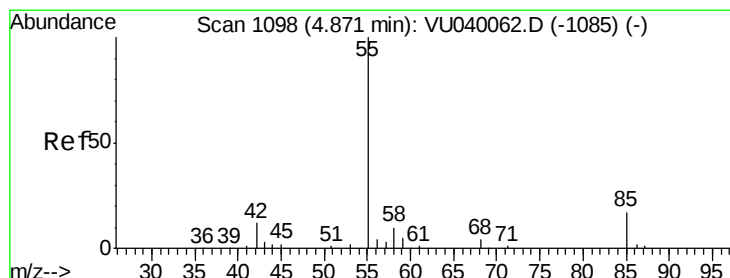
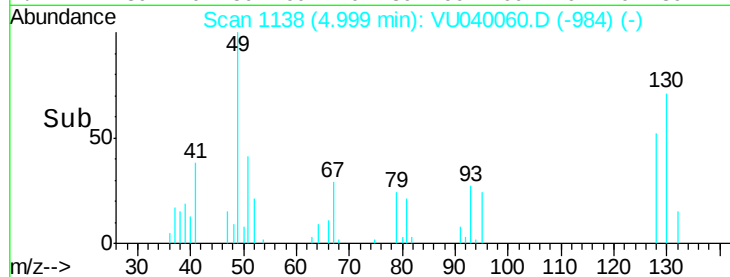
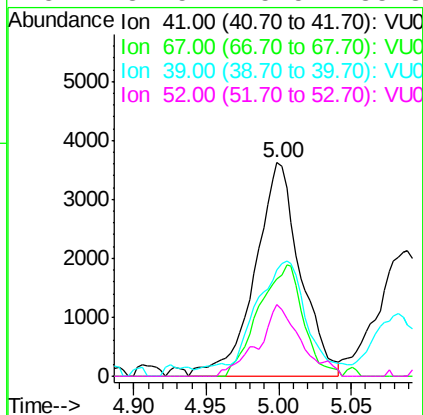
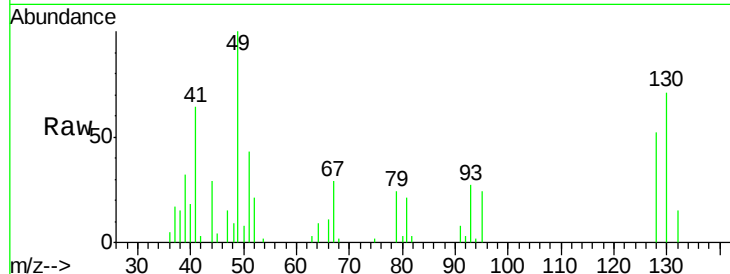




#39
Methacrylonitrile
Concen: 1.470 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

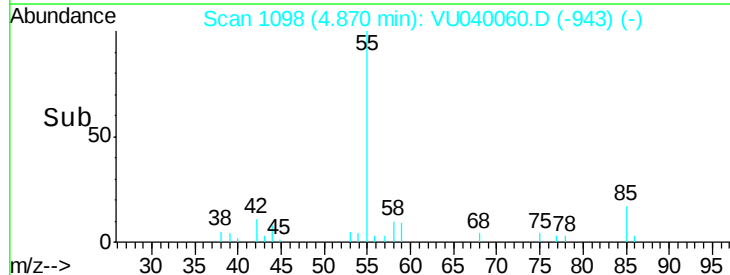
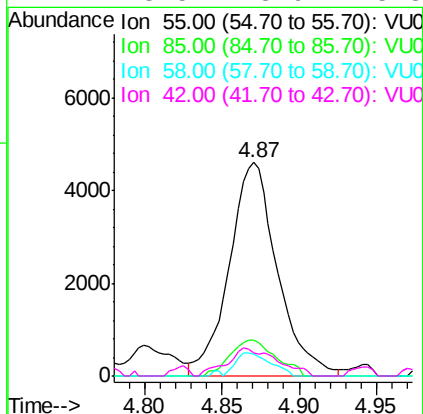
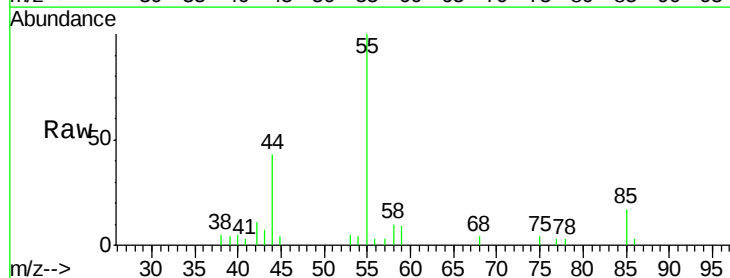
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

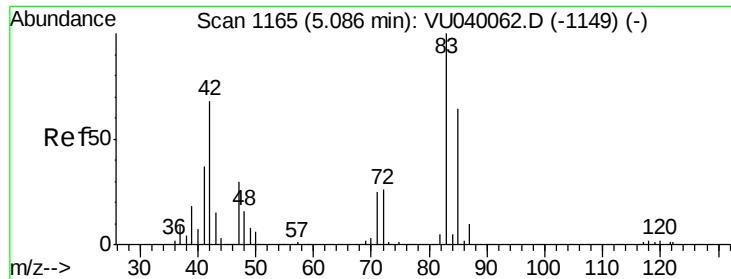
Tgt Ion:	41	Resp:	7859
Ion	Ratio	Lower	Upper
41	100		
67	51.4	49.2	73.8
39	48.4	46.5	69.7
52	31.5	25.5	38.3



#40
Methyl acrylate
Concen: 1.453 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion:	55	Resp:	9931
Ion	Ratio	Lower	Upper
55	100		
85	15.8	13.3	19.9
58	7.8	7.5	11.3
42	13.5	8.9	13.3#

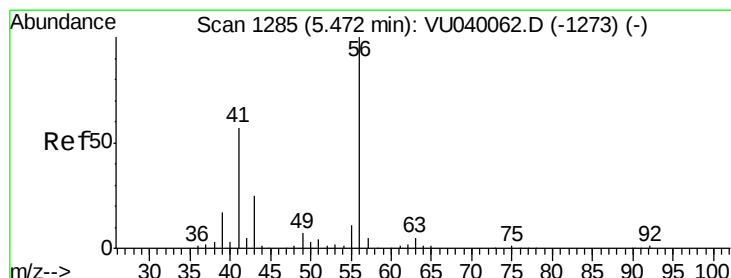
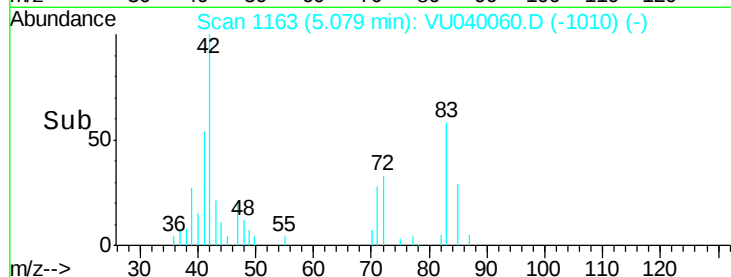
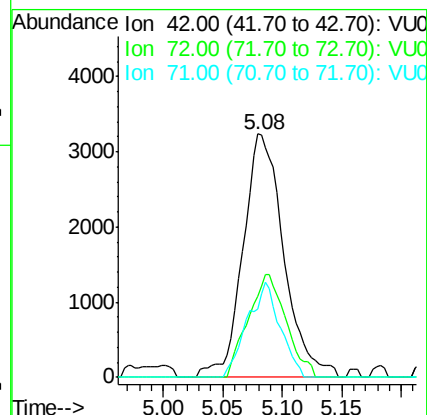
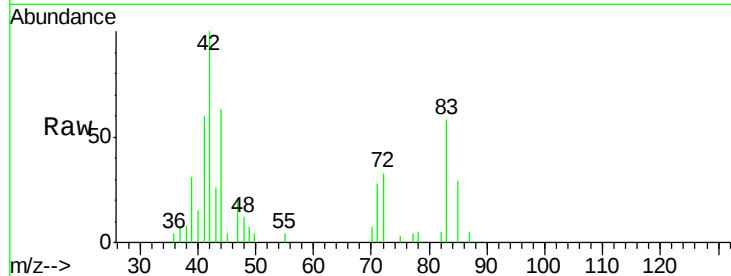




#41
Tetrahydrofuran
Concen: 2.883 ug/l
RT: 5.08 min Scan# 1163
Delta R.T. -0.01 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

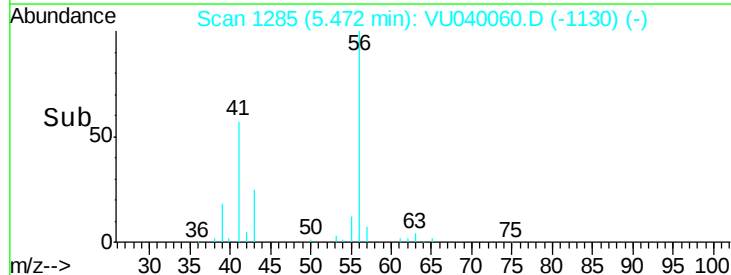
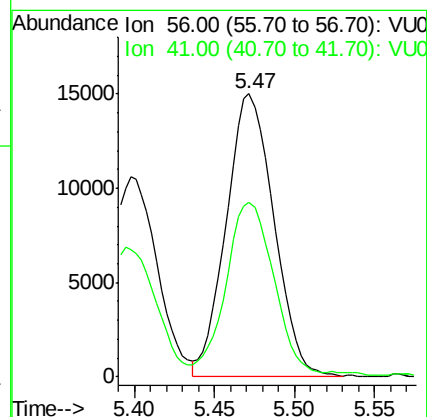
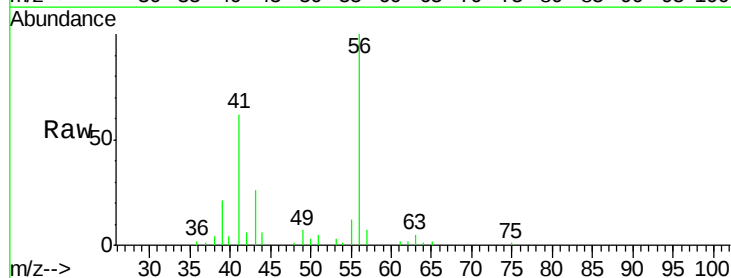
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

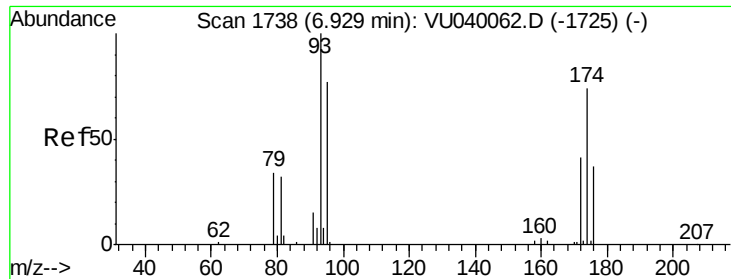
Tgt Ion: 42 Resp: 7681
Ion Ratio Lower Upper
42 100
72 39.1 33.8 50.6
71 31.3 30.9 46.3



#42
1-Chlorobutane
Concen: 1.452 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 56 Resp: 30618
Ion Ratio Lower Upper
56 100
41 59.4 29.2 87.6

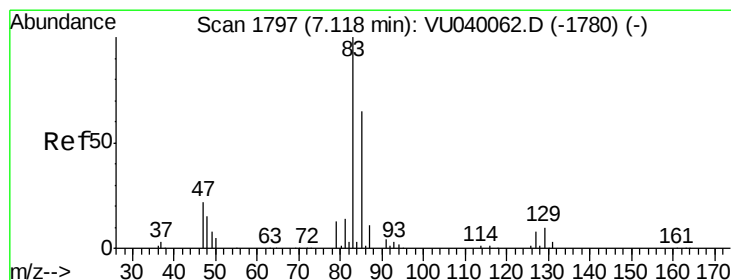
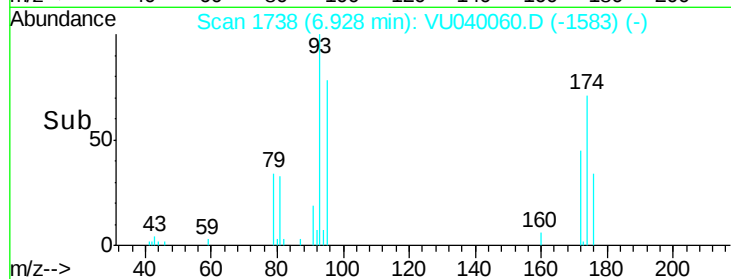
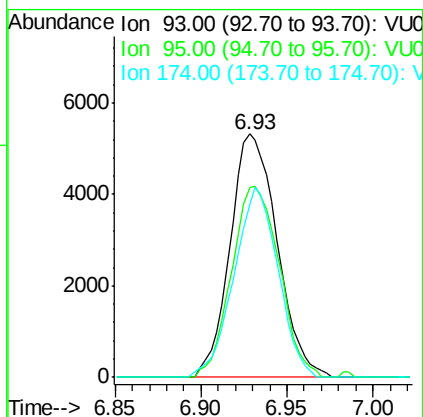
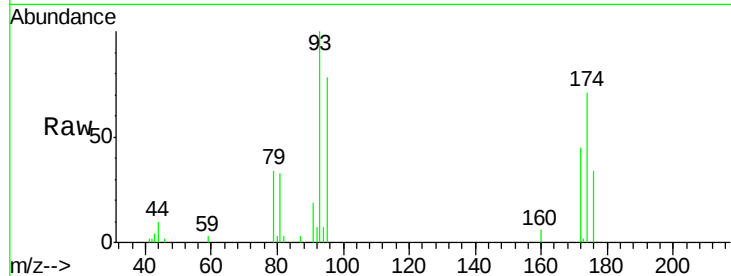




#43
Dibromomethane
Concen: 1.973 ug/l
RT: 6.93 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

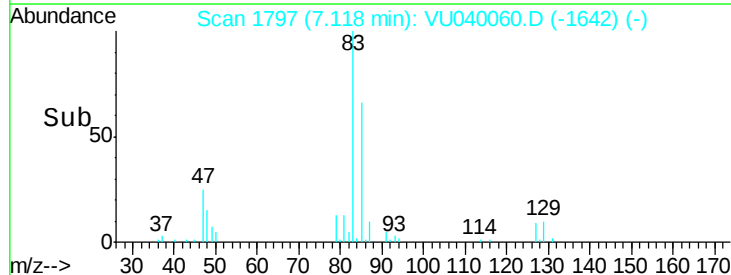
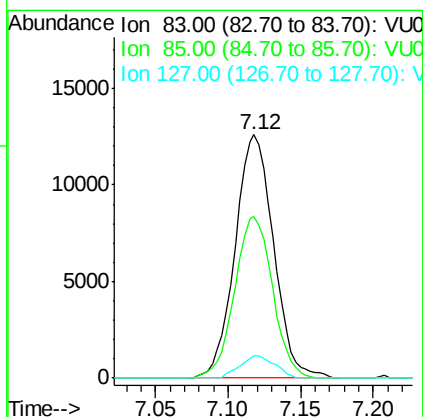
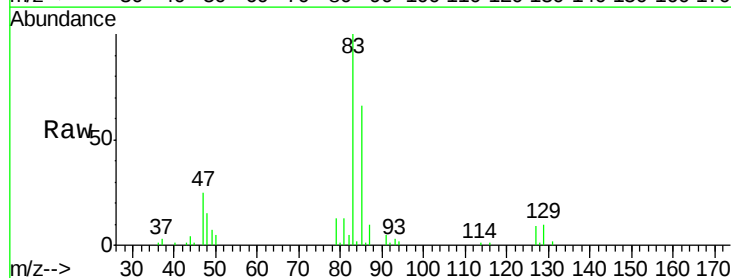
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

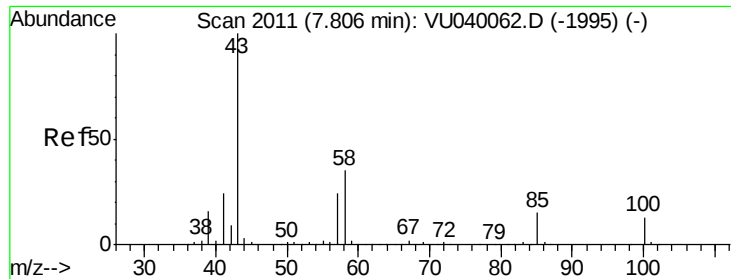
Tgt Ion: 93 Resp: 10090
Ion Ratio Lower Upper
93 100
95 79.7 63.3 94.9
174 73.1 63.5 95.3



#44
Bromodichloromethane
Concen: 1.990 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 83 Resp: 23296
Ion Ratio Lower Upper
83 100
85 66.3 52.1 78.1
127 9.4 6.6 9.8

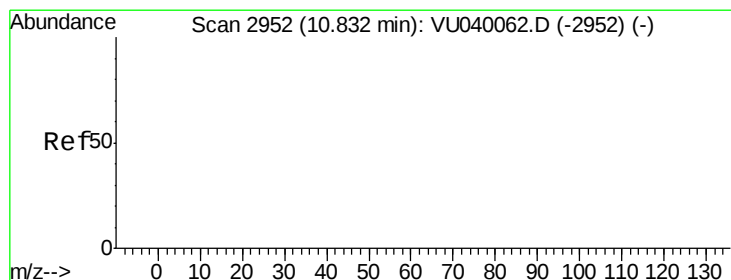
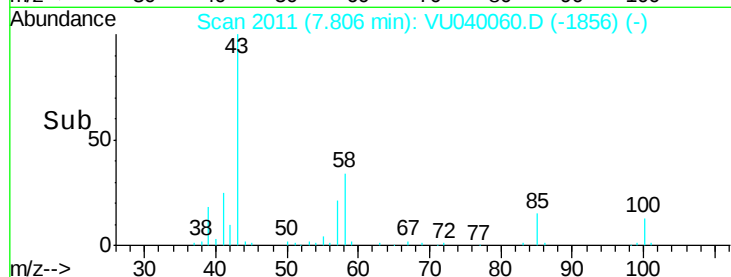
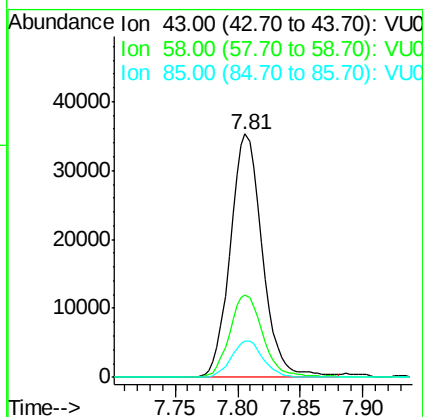
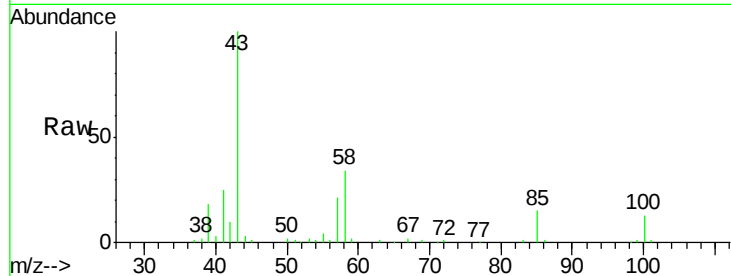




#45
4-Methyl-2-Pentanone
Concen: 8.247 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

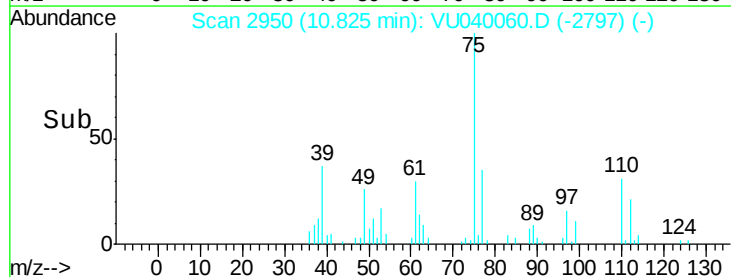
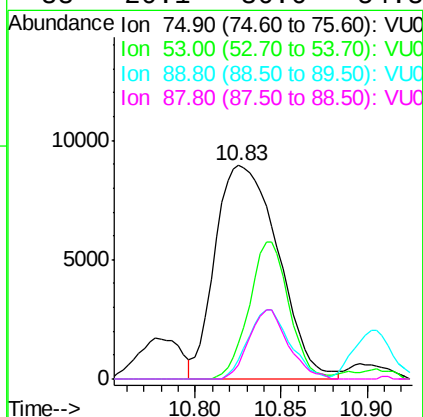
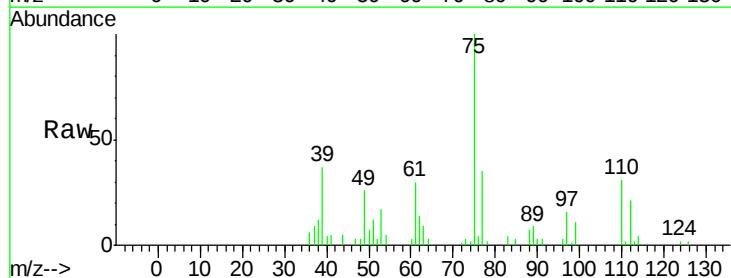
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

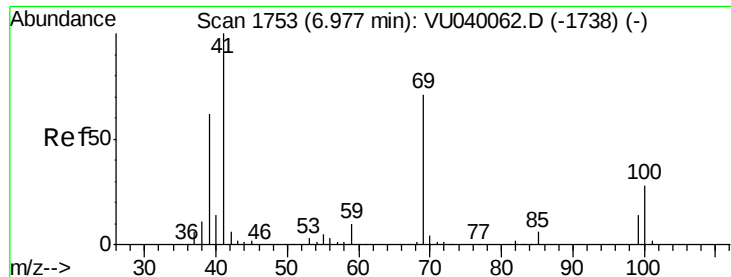
Tgt Ion: 43 Resp: 62829
Ion Ratio Lower Upper
43 100
58 34.9 18.1 54.3
85 14.8 12.3 18.5



#46
t-1,4-Dichloro-2-butene
Concen: 9.450 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 75 Resp: 22823
Ion Ratio Lower Upper
75 100
53 40.8 75.0 112.6#
89 21.4 41.6 62.4#
88 20.1 36.6 54.8#

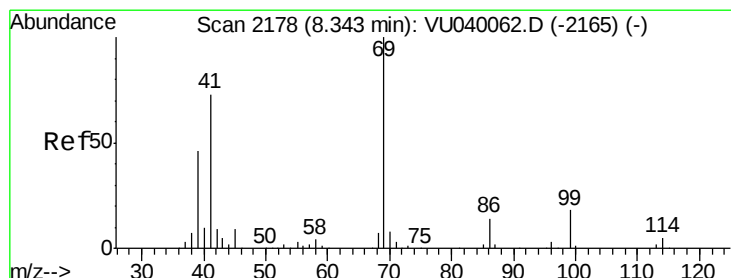
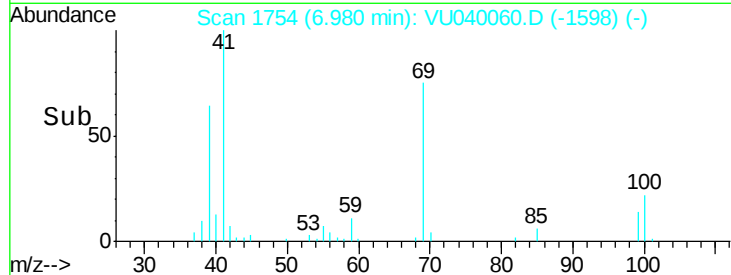
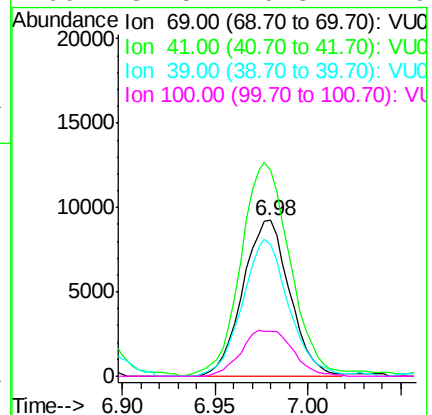
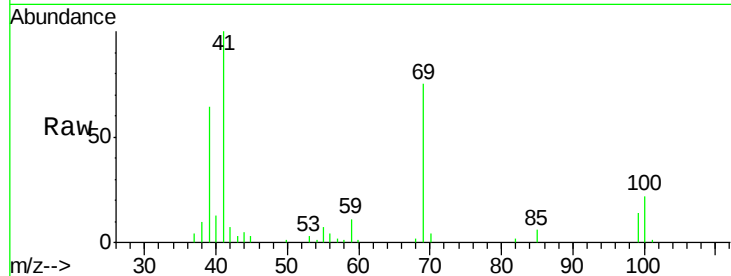




#47
Methyl methacrylate
Concen: 3.451 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

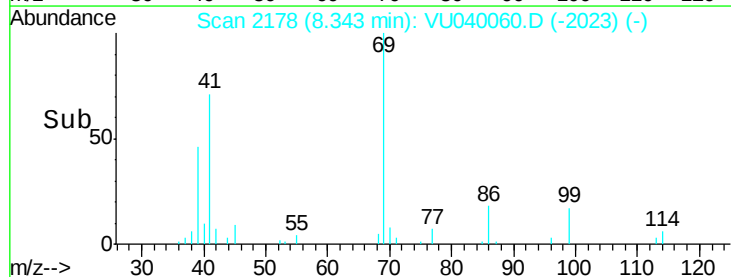
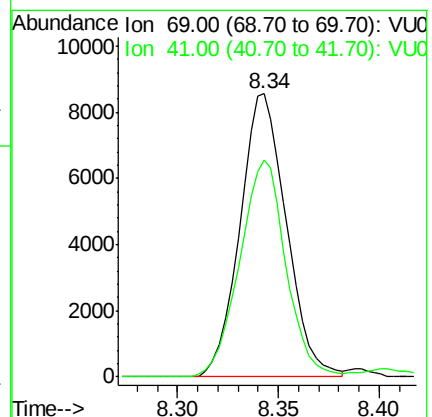
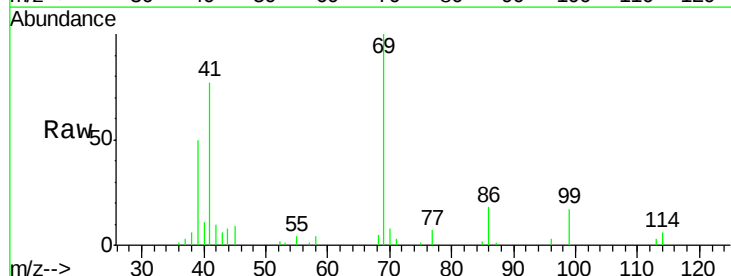
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

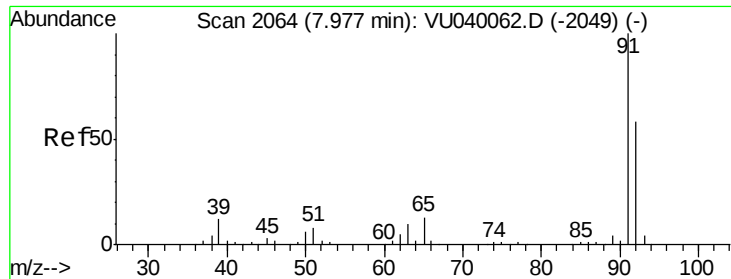
Tgt Ion: 69 Resp: 16220
Ion Ratio Lower Upper
69 100
41 146.3 0.0 273.0
39 86.8 67.8 101.6
100 32.5 29.8 44.6



#48
Ethyl methacrylate
Concen: 1.595 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 69 Resp: 13794
Ion Ratio Lower Upper
69 100
41 76.0 37.8 113.3





#49

Toluene

Concen: 1.739 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

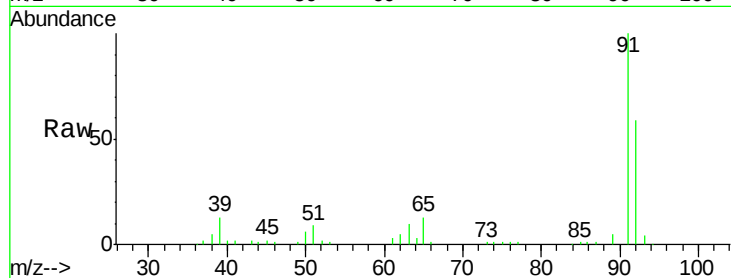
VSTDIC002

Tgt Ion: 92 Resp: 35010

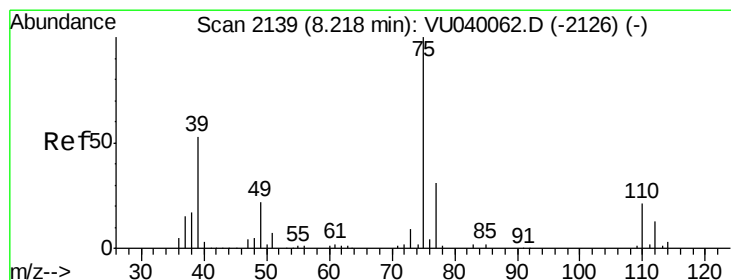
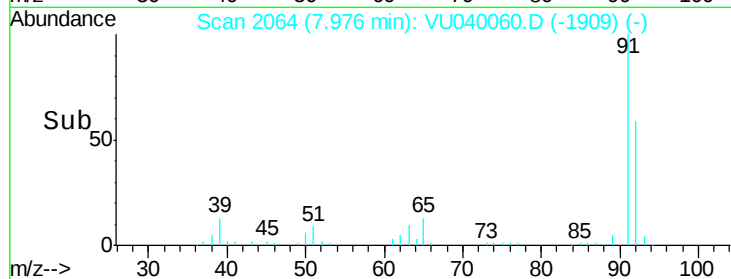
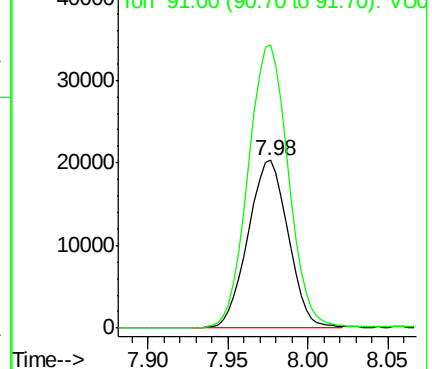
Ion Ratio Lower Upper

92 100

91 168.5 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VU040060.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 1.914 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040060.D

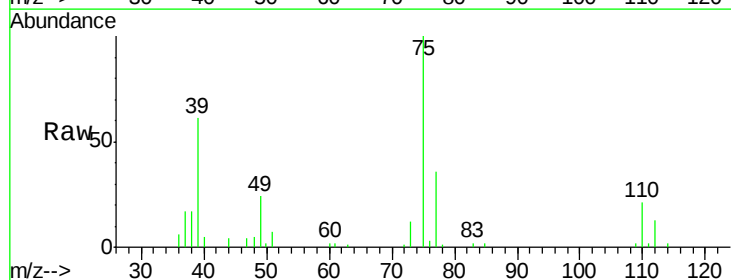
Acq: 09 Sep 2020 11:29

Tgt Ion: 75 Resp: 20173

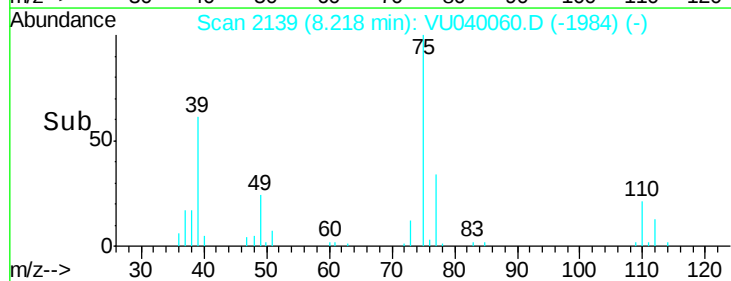
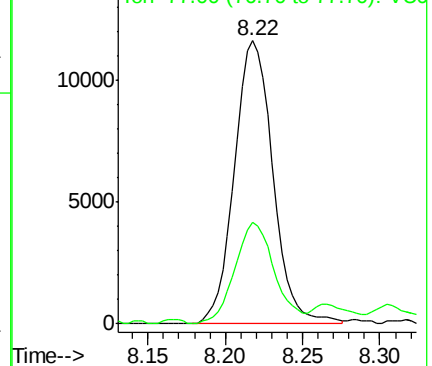
Ion Ratio Lower Upper

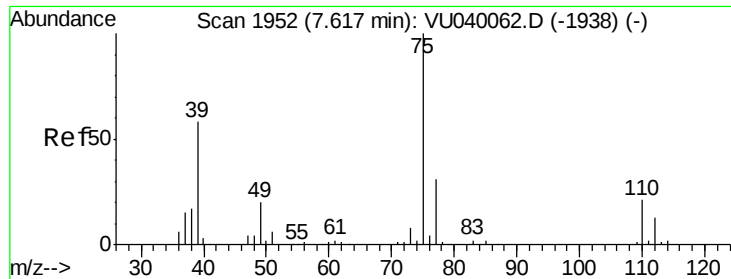
75 100

77 35.7 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VU040060.D (-1984) (-)

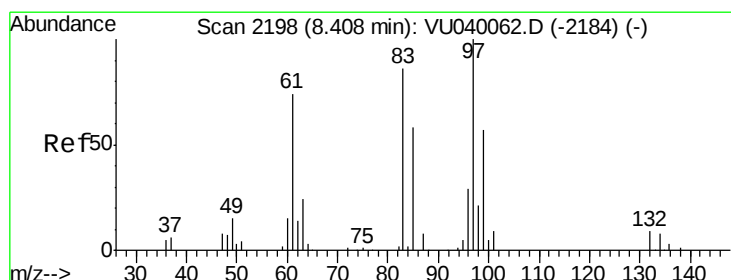
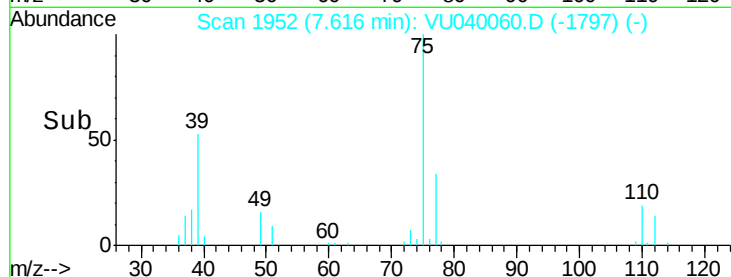
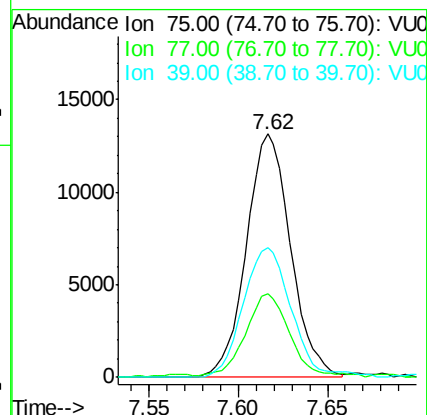
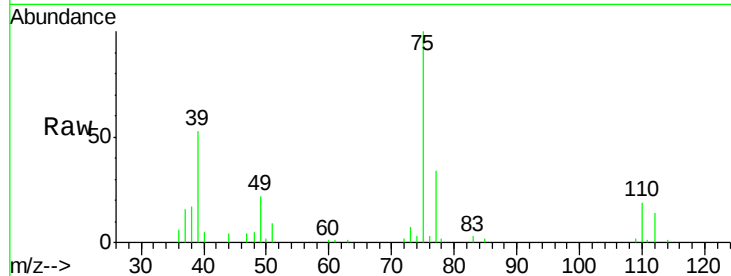




#51
 cis-1,3-Dichloropropene
 Concen: 1.847 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

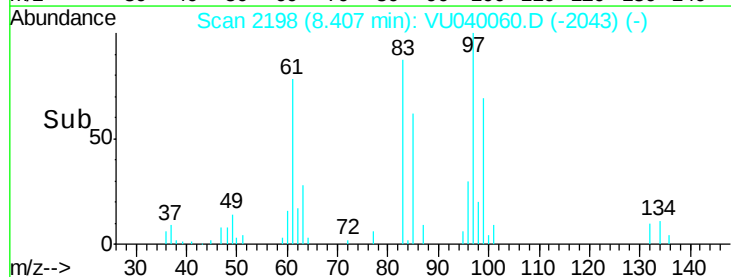
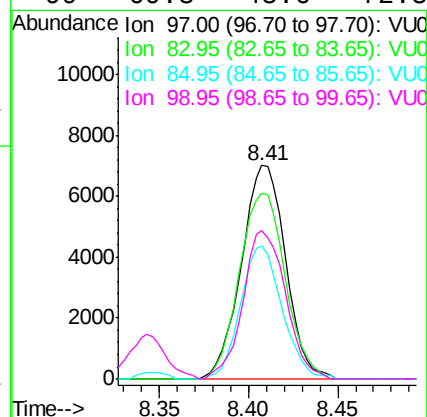
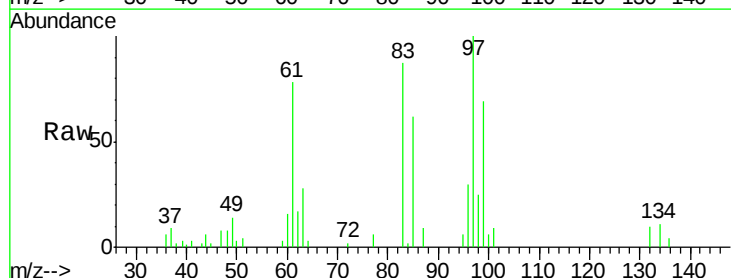
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

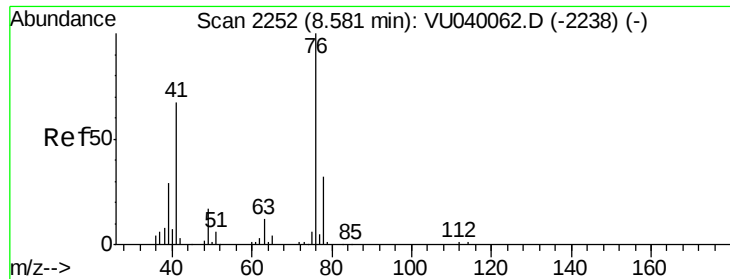
Tgt Ion: 75 Resp: 22785
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.6 37.0
 39 53.1 46.2 69.4



#52
 1,1,2-Trichloroethane
 Concen: 1.825 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 97 Resp: 12097
 Ion Ratio Lower Upper
 97 100
 83 86.9 68.7 103.1
 85 62.4 46.7 70.1
 99 69.3 48.6 72.8

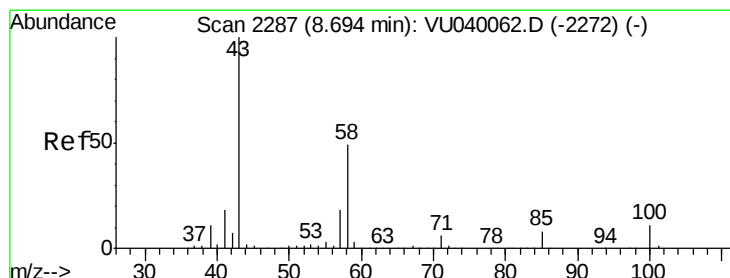
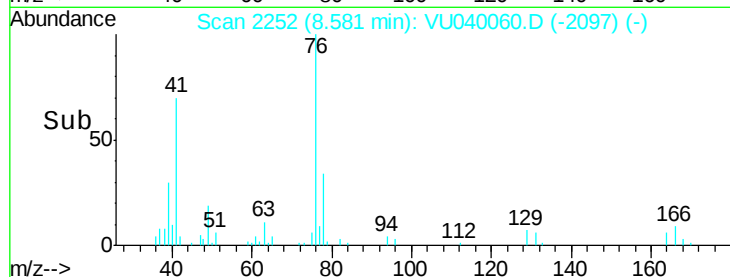
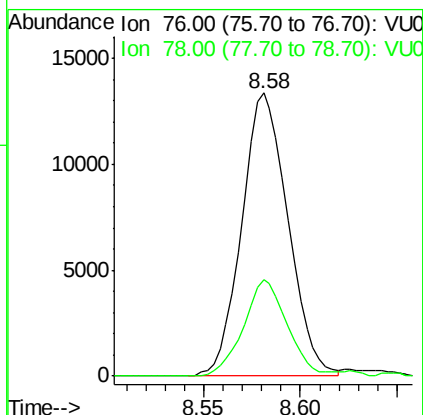
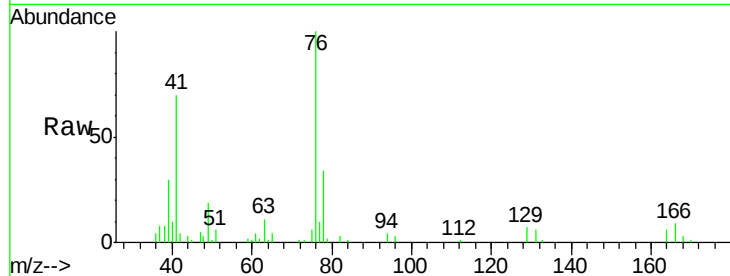




#53
 1,3-Dichloropropane
 Concen: 1.760 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

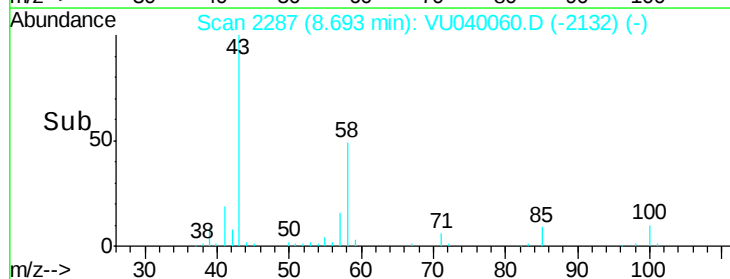
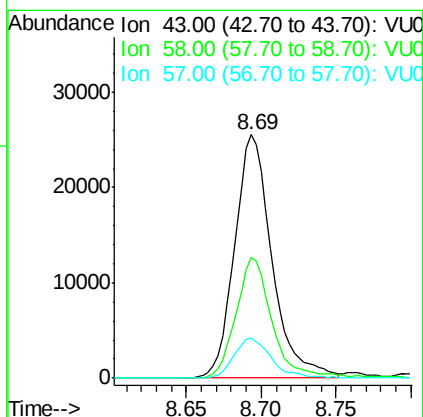
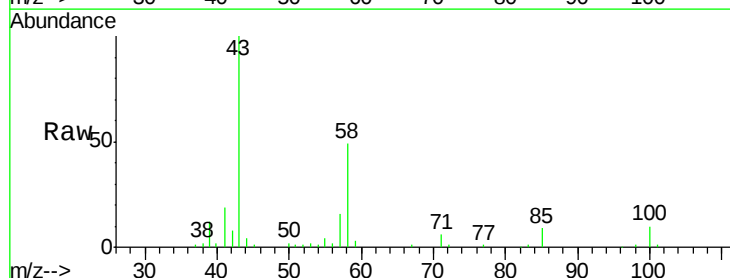
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

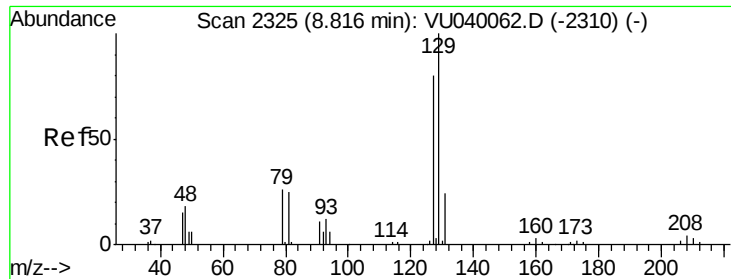
Tgt Ion: 76 Resp: 22212
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#54
 2-Hexanone
 Concen: 8.145 ug/l
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 43 Resp: 44453
 Ion Ratio Lower Upper
 43 100
 58 47.8 29.6 69.6
 57 16.4 0.0 37.8

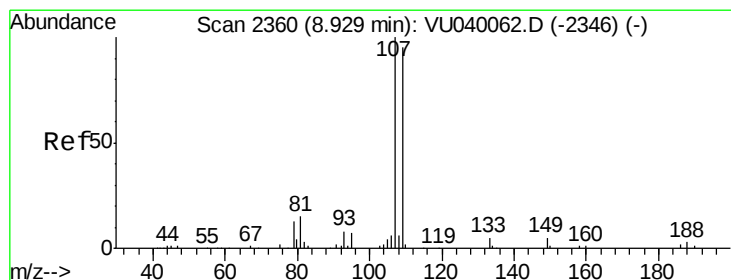
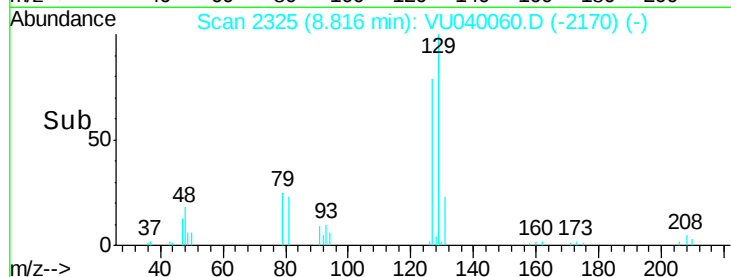
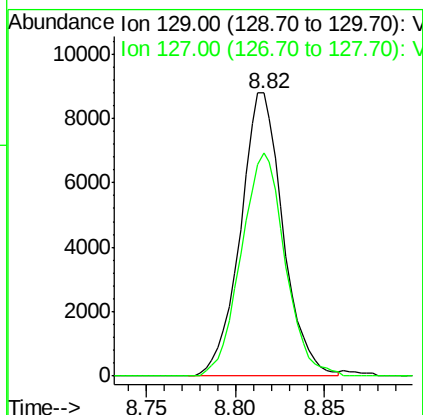
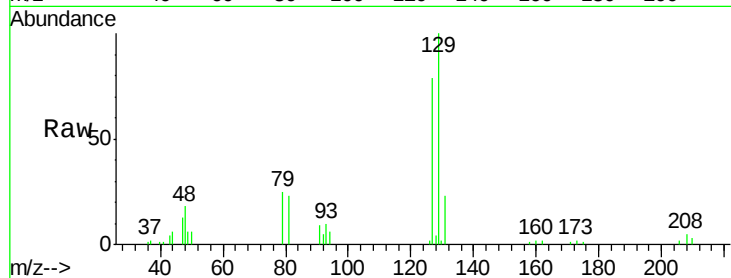




#55
 Dibromochloromethane
 Concen: 2.043 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

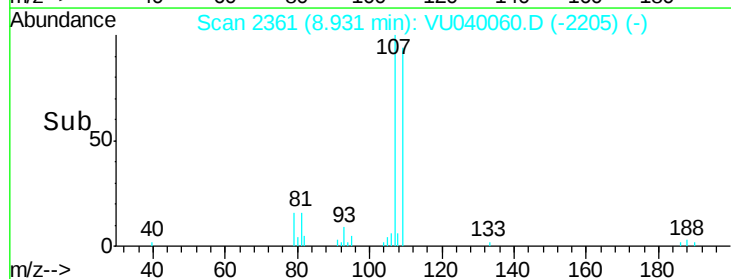
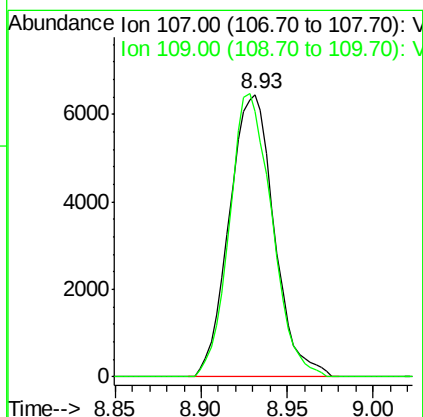
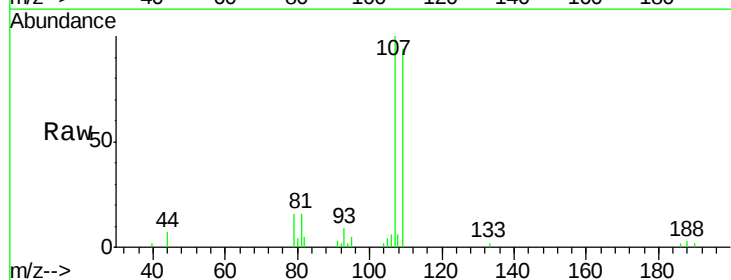
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

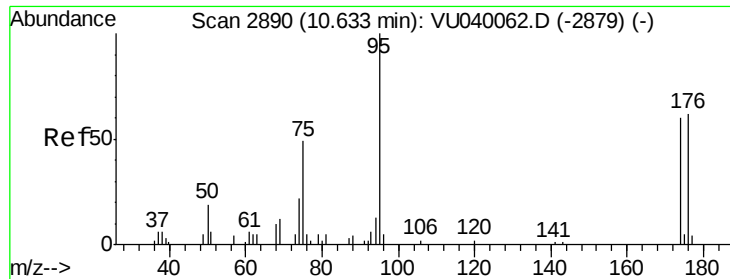
Tgt Ion:129 Resp: 14653
 Ion Ratio Lower Upper
 129 100
 127 81.1 62.7 94.1



#56
 1,2-Dibromoethane
 Concen: 1.850 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:107 Resp: 11700
 Ion Ratio Lower Upper
 107 100
 109 94.8 0.0 191.0

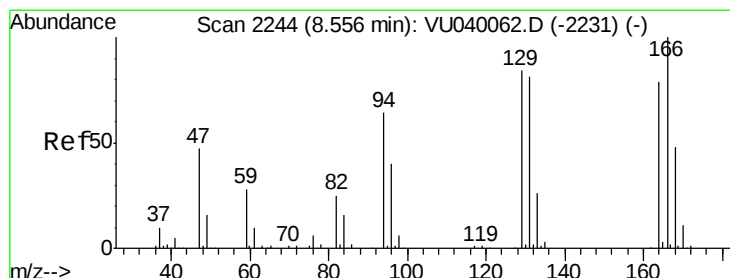
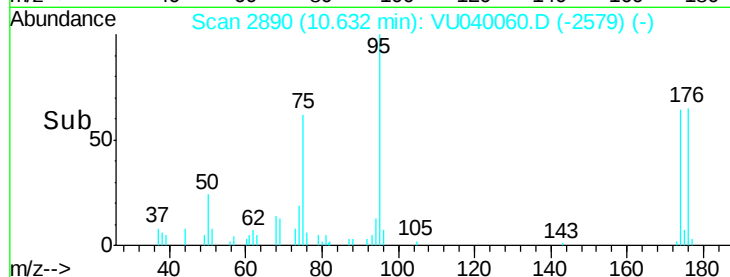
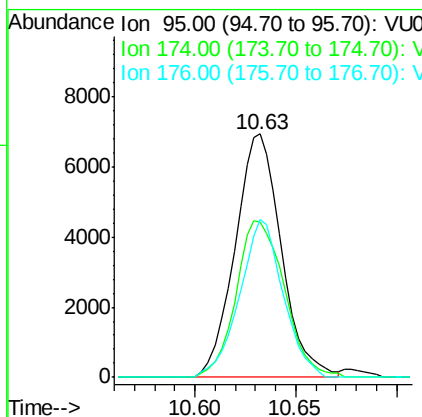
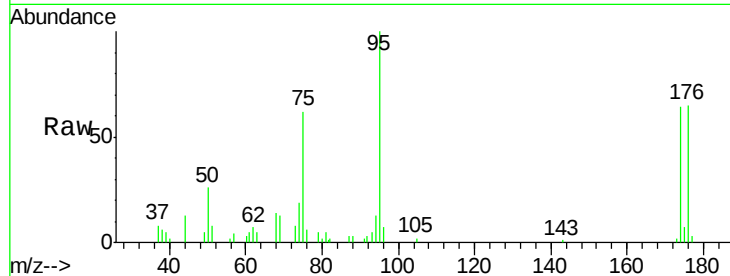




#57
4-Bromofluorobenzene
Concen: 1.021 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

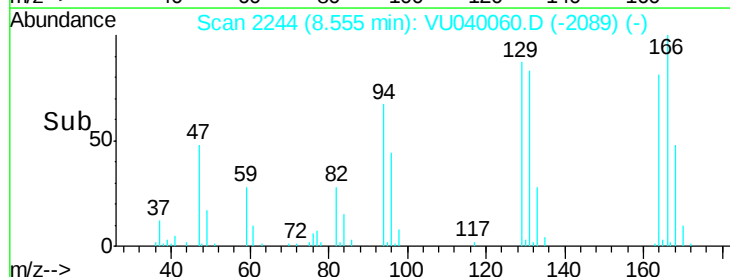
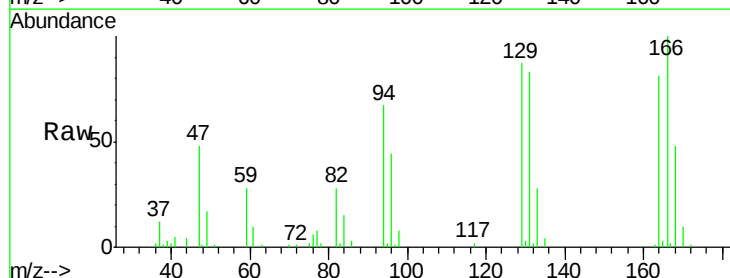
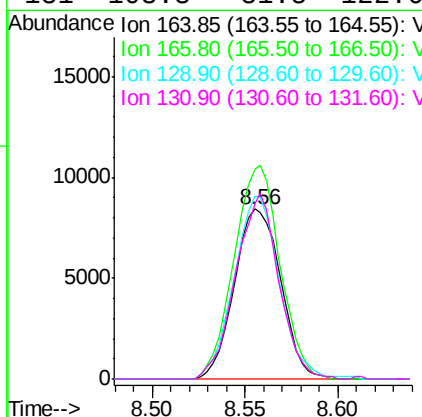
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

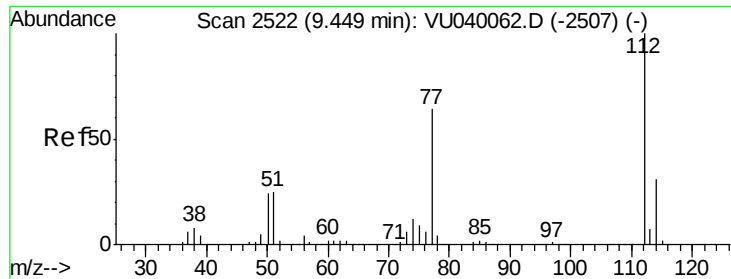
Tgt Ion: 95 Resp: 11151
Ion Ratio Lower Upper
95 100
174 67.4 49.4 74.0
176 60.7 50.1 75.1



#58
Tetrachloroethene
Concen: 2.077 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 164 Resp: 14588
Ion Ratio Lower Upper
164 100
166 123.8 101.3 151.9
129 107.7 84.8 127.2
131 103.3 81.8 122.6





#59

Chlorobenzene

Concen: 1.816 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

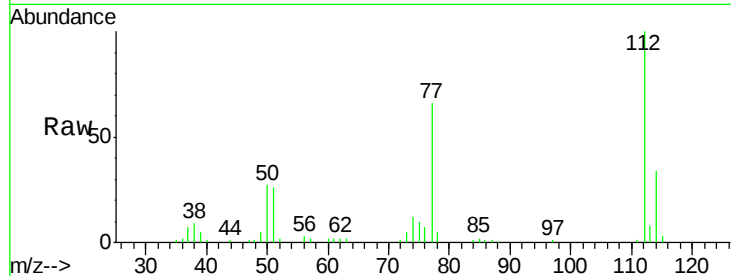
VSTDIC002

Tgt Ion:112 Resp: 38234

Ion Ratio Lower Upper

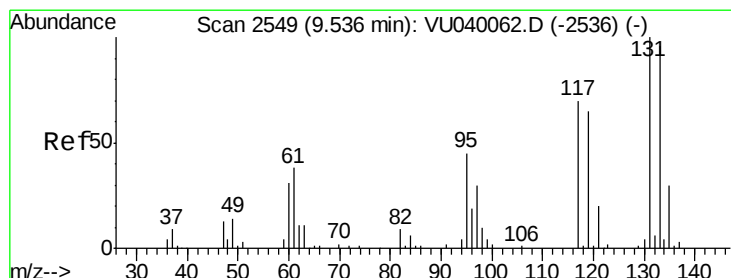
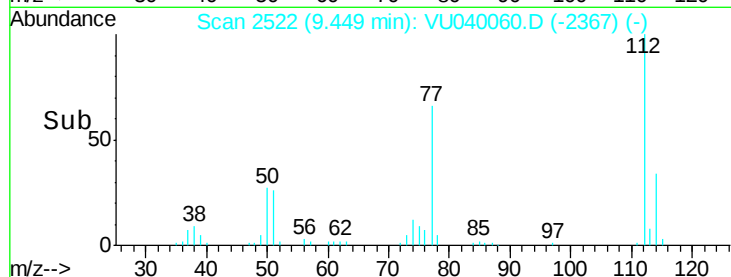
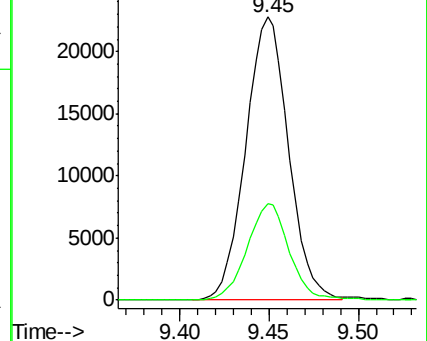
112 100

114 34.0 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.982 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

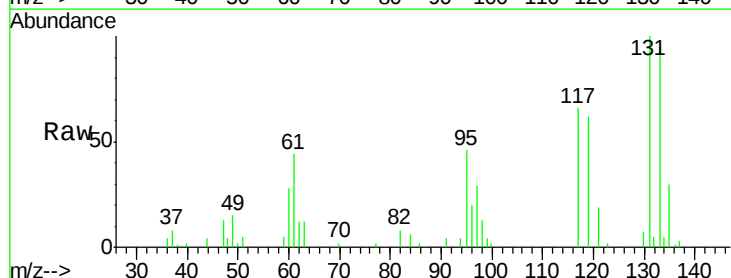
Tgt Ion:131 Resp: 14271

Ion Ratio Lower Upper

131 100

133 98.4 75.4 113.2

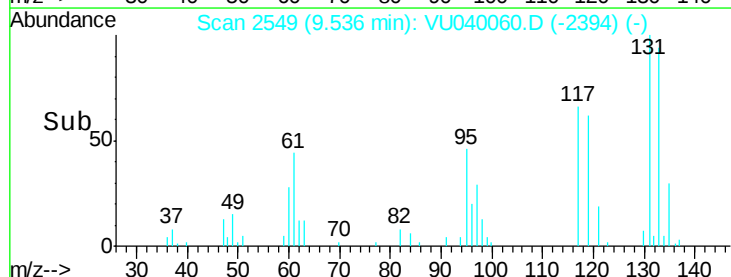
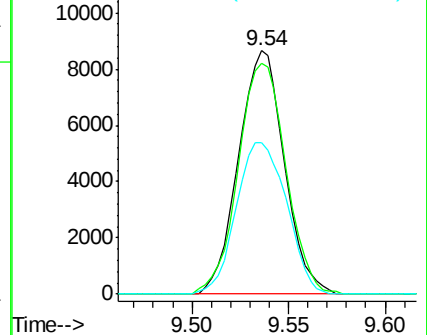
119 68.0 51.5 77.3

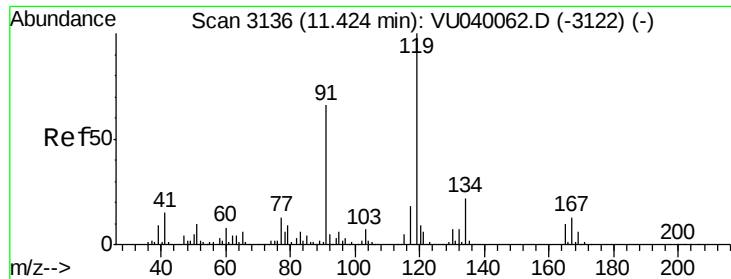


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

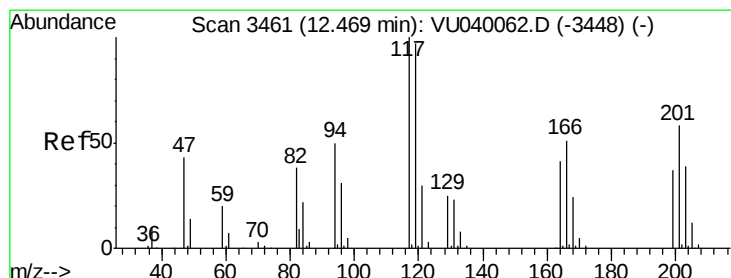
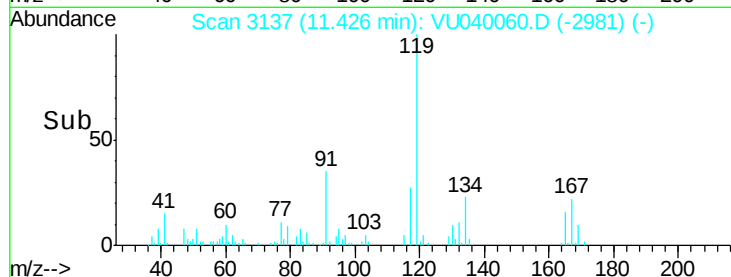
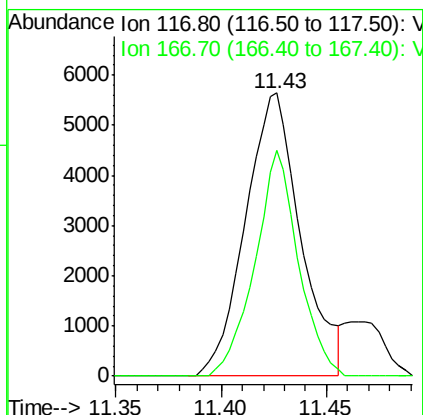
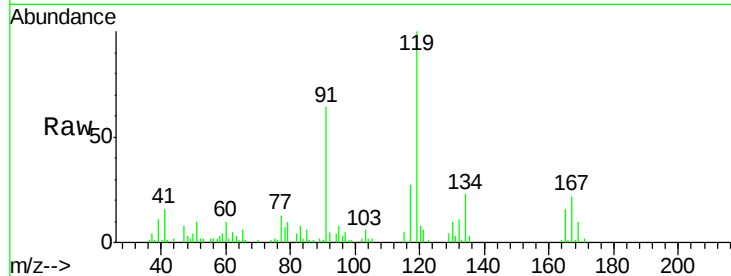




#61
 Pentachloroethane
 Concen: 1.705 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

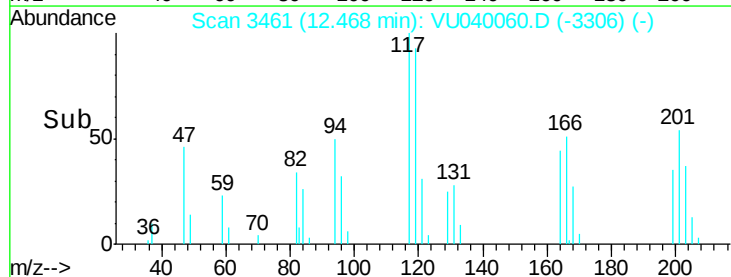
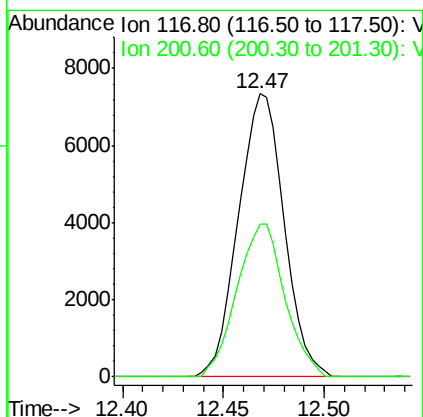
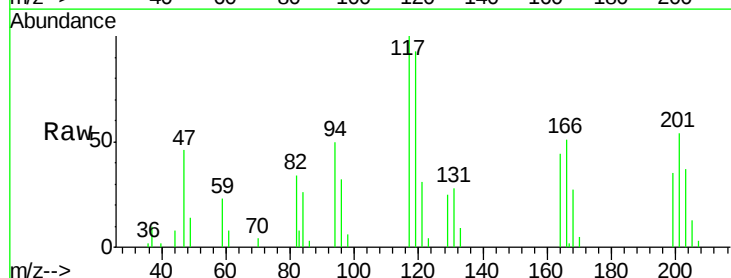
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

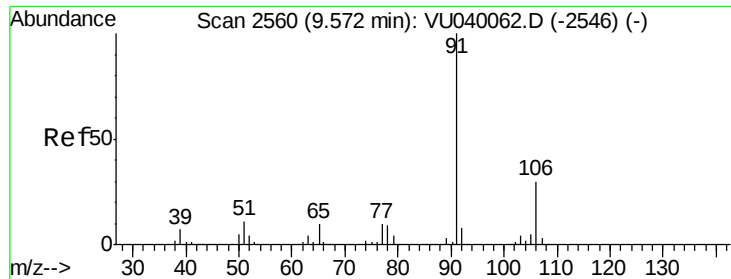
Tgt Ion:117 Resp: 10276
 Ion Ratio Lower Upper
 117 100
 167 62.5 54.5 81.7



#62
 Hexachloroethane
 Concen: 2.007 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:117 Resp: 11664
 Ion Ratio Lower Upper
 117 100
 201 56.6 47.0 70.4

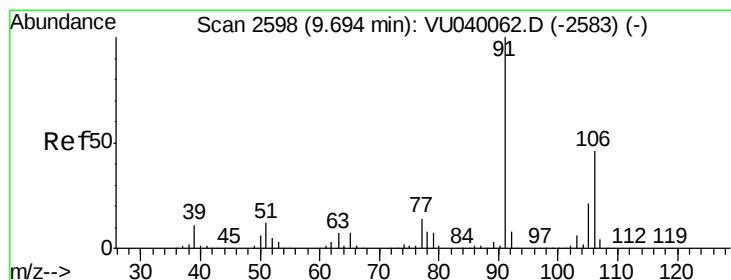
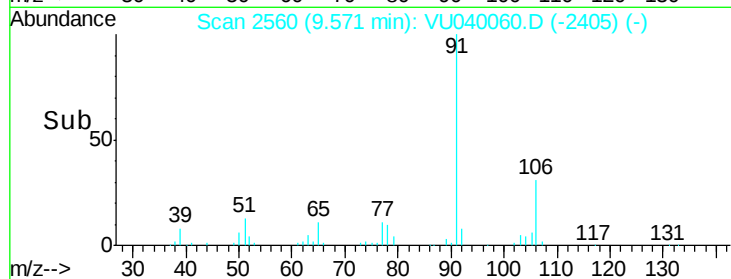
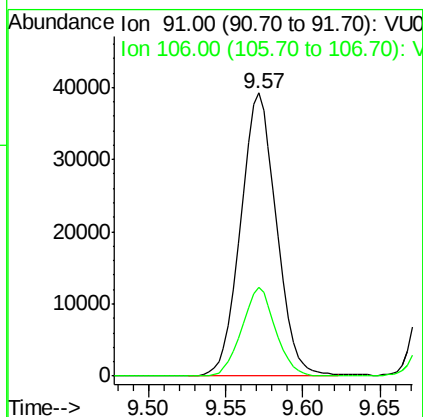
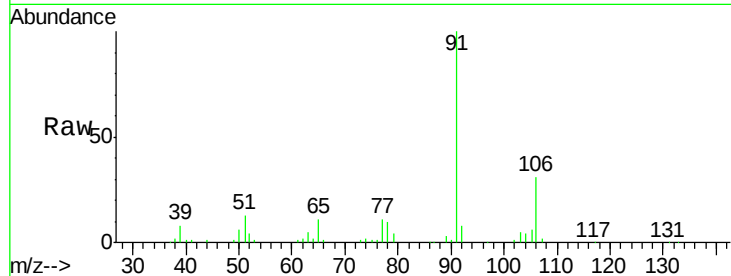




#63
Ethyl Benzene
Concen: 1.688 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

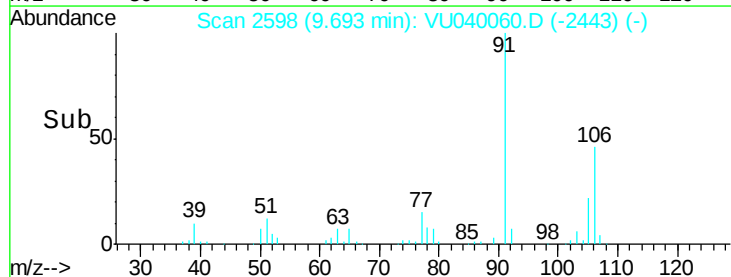
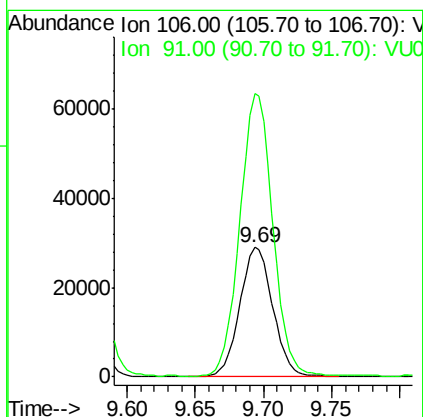
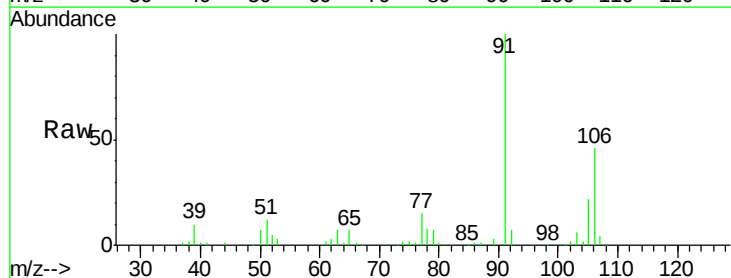
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

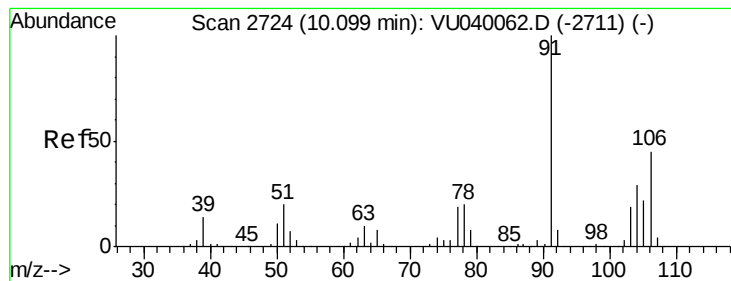
Tgt Ion: 91 Resp: 63201
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.8



#64
m/p-Xylenes
Concen: 3.365 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040060.D
Acq: 09 Sep 2020 11:29

Tgt Ion: 106 Resp: 48997
Ion Ratio Lower Upper
106 100
91 219.2 171.4 257.2





#65

o-Xylene

Concen: 1.724 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

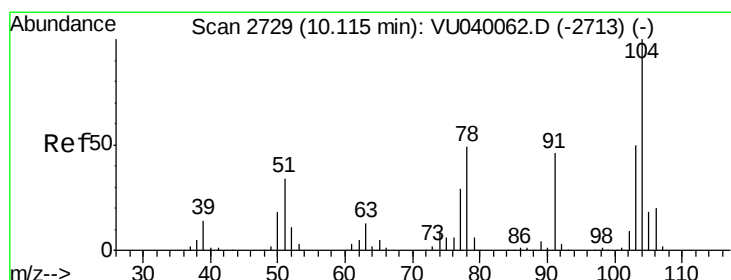
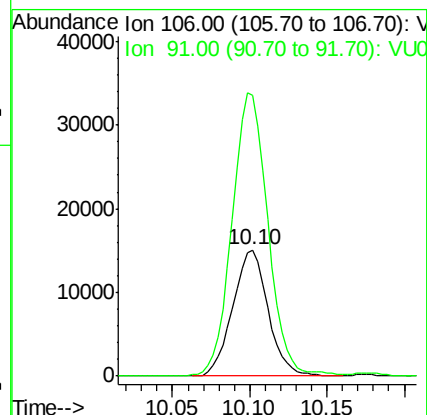
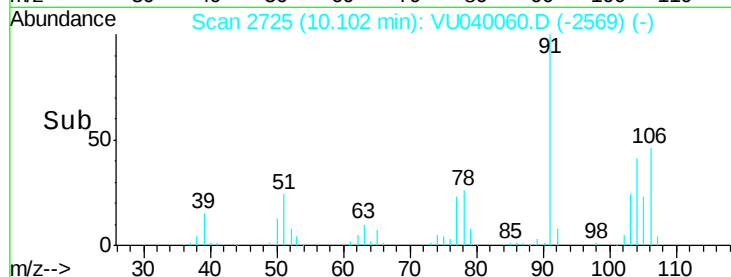
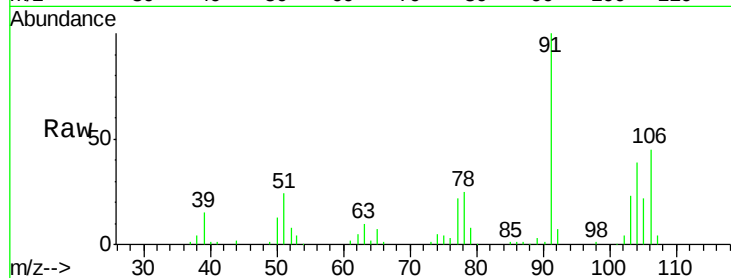
VSTDIC002

Tgt Ion:106 Resp: 23886

Ion Ratio Lower Upper

106 100

91 227.7 114.2 342.6



#66

Styrene

Concen: 1.743 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

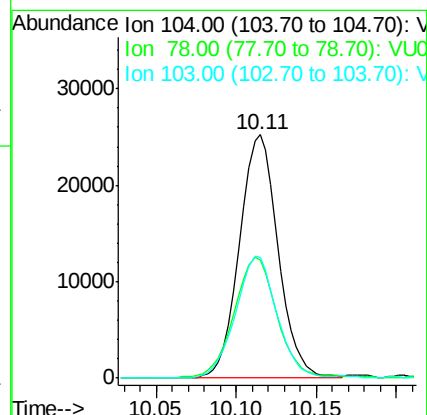
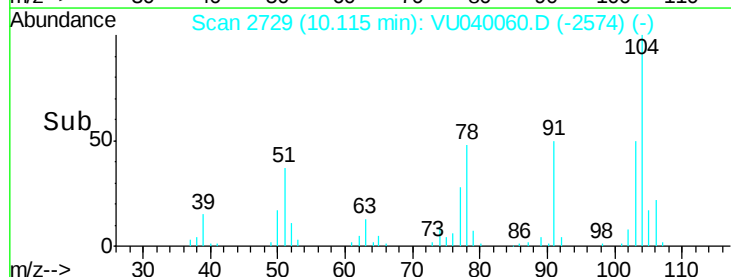
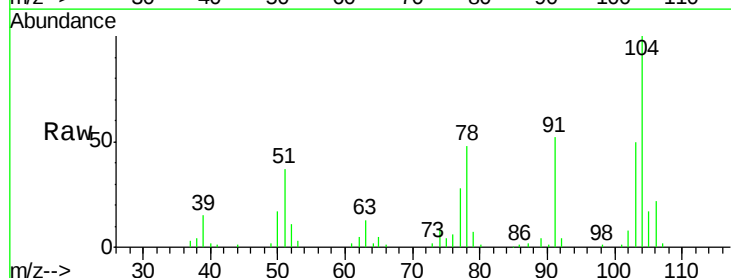
Tgt Ion:104 Resp: 41568

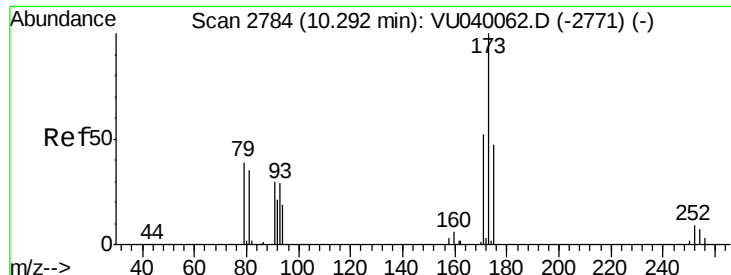
Ion Ratio Lower Upper

104 100

78 55.7 43.9 65.9

103 53.5 43.7 65.5





#67

Bromoform

Concen: 2.011 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

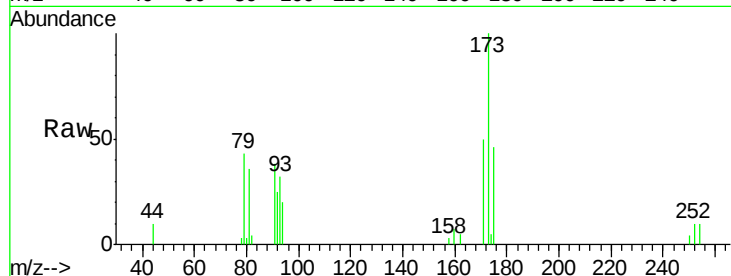
Tgt Ion:173 Resp: 7353

Ion Ratio Lower Upper

173 100

175 47.3 38.0 57.0

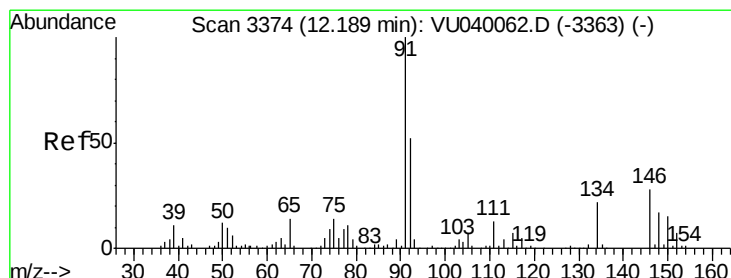
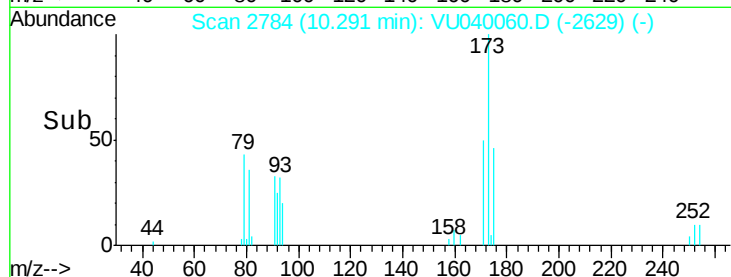
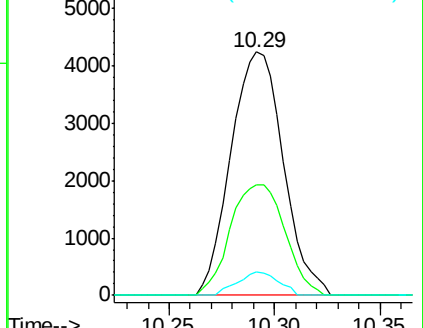
254 7.5 5.8 8.8



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: 0.988 ug/l

RT: 12.19 min Scan# 3373

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

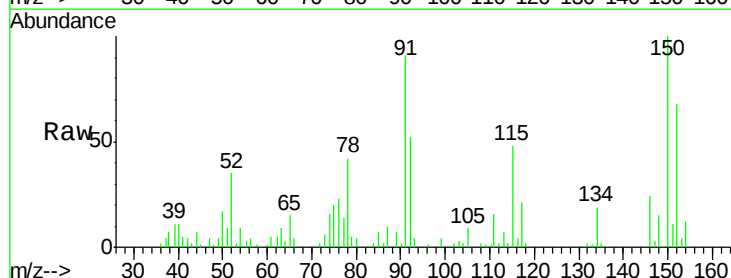
Tgt Ion:152 Resp: 10375

Ion Ratio Lower Upper

152 100

115 86.7 0.0 309.0

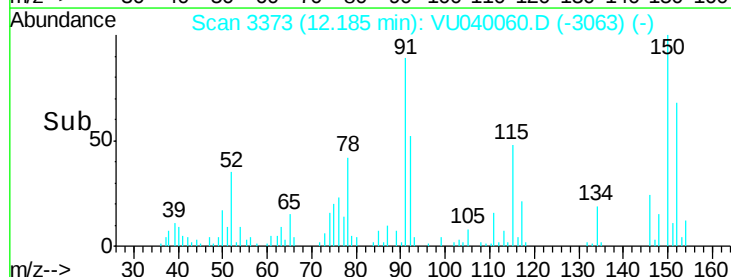
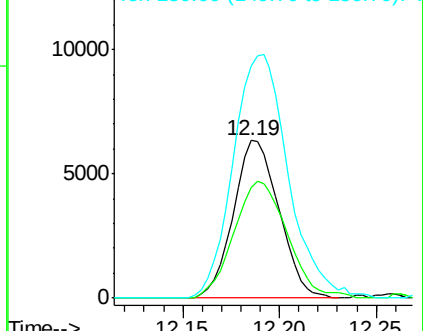
150 187.7 0.0 658.2

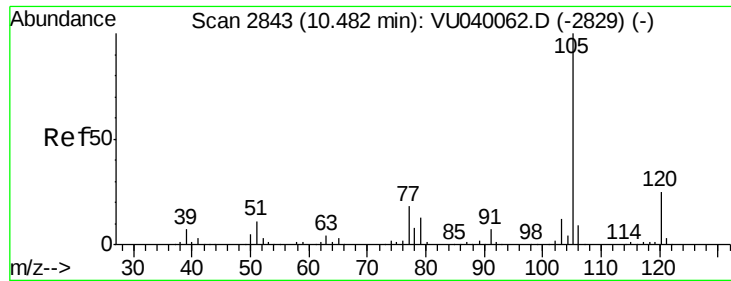


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.684 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

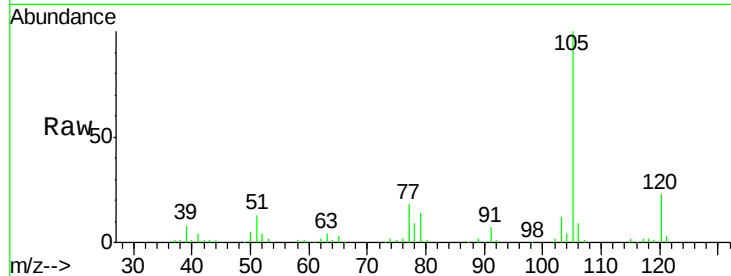
VSTDIC002

Tgt Ion:105 Resp: 62569

Ion Ratio Lower Upper

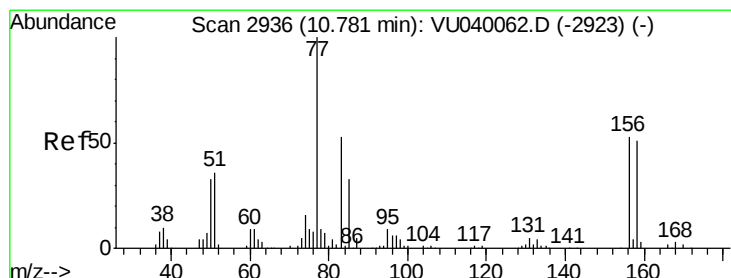
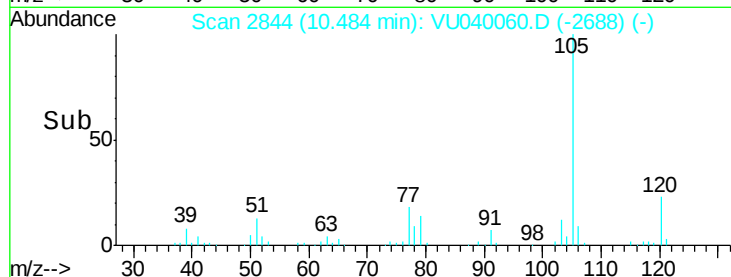
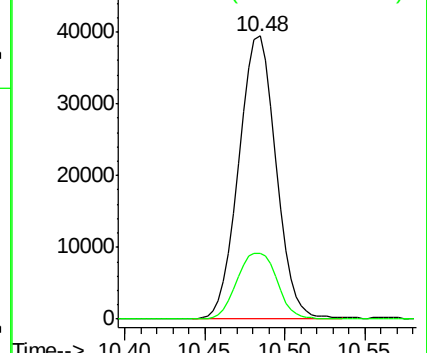
105 100

120 25.1 12.4 37.4



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: 1.819 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

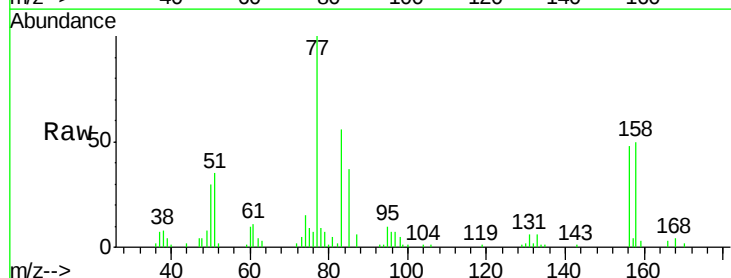
Tgt Ion: 83 Resp: 17096

Ion Ratio Lower Upper

83 100

131 8.7 7.5 11.3

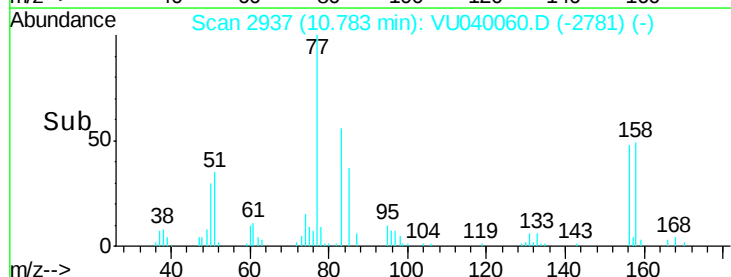
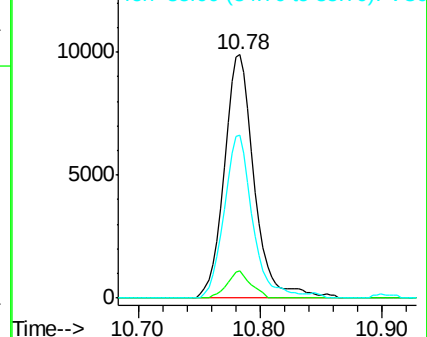
85 63.8 49.7 74.5

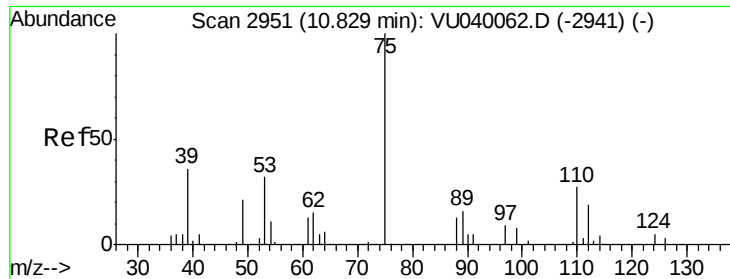


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

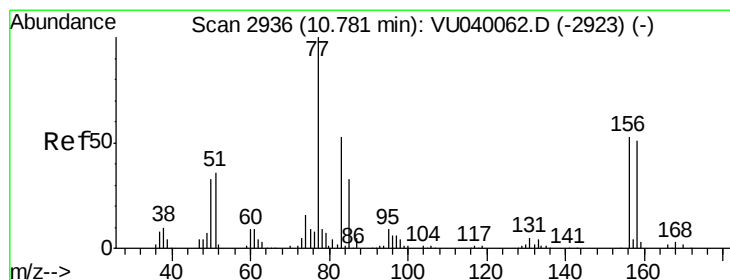
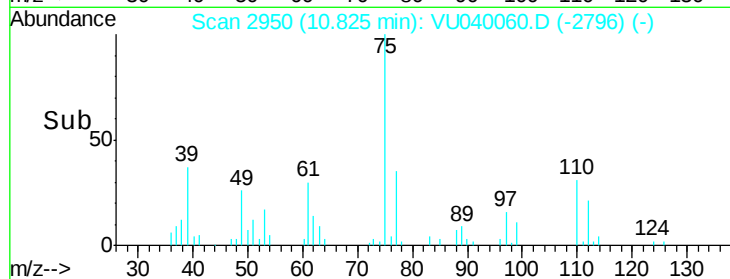
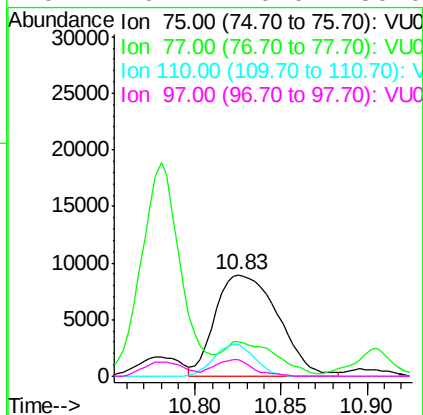
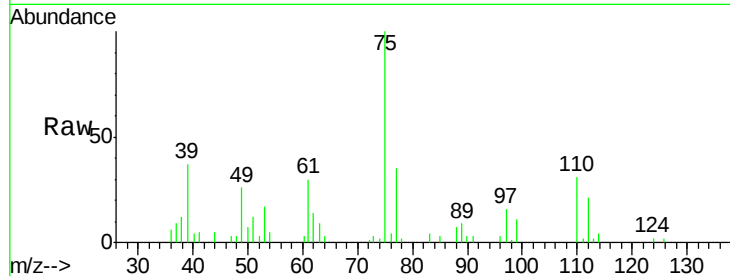




#71
 1,2,3-Trichloropropane
 Concen: 3.271 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

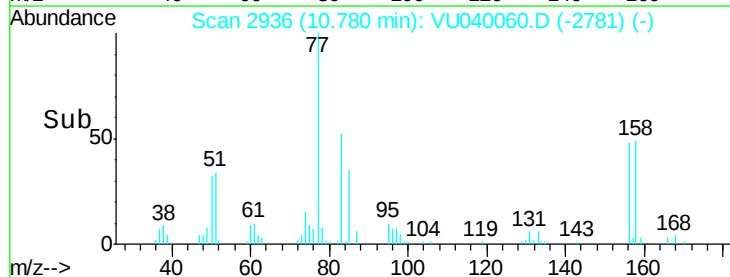
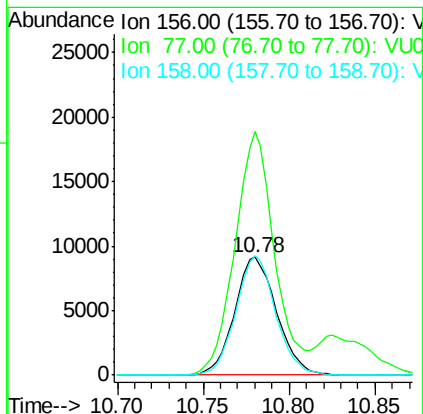
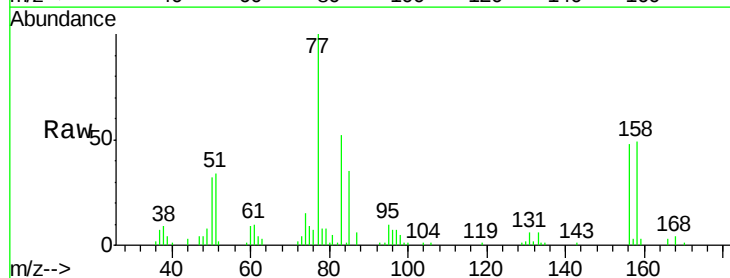
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

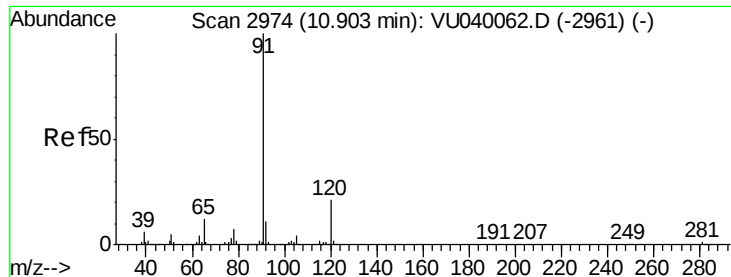
Tgt Ion:	75	Resp:	22823
Ion	Ratio	Lower	Upper
75	100		
77	28.6	0.0	111.4
110	20.6	0.0	70.8
97	10.2	0.0	36.0



#72
 Bromobenzene
 Concen: 1.833 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:	156	Resp:	15521
Ion	Ratio	Lower	Upper
156	100		
77	192.6	0.0	383.6
158	95.3	0.0	195.0





#73

n-propylbenzene

Concen: 1.678 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

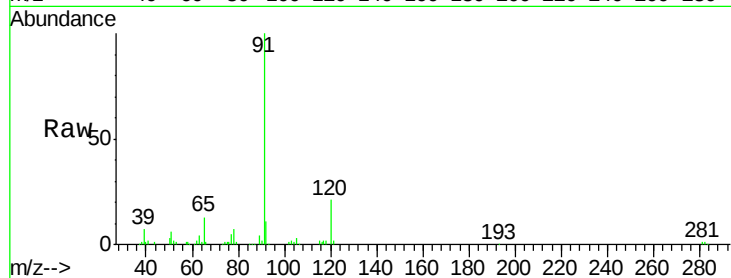
VSTDIC002

Tgt Ion:120 Resp: 17497

Ion Ratio Lower Upper

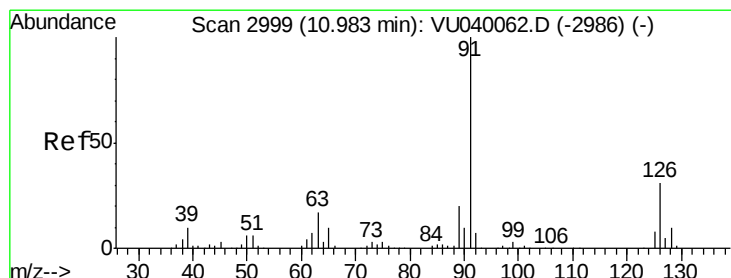
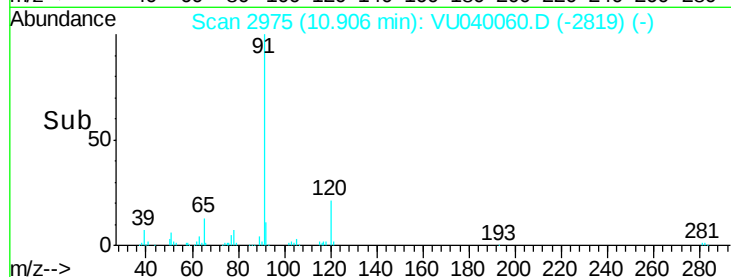
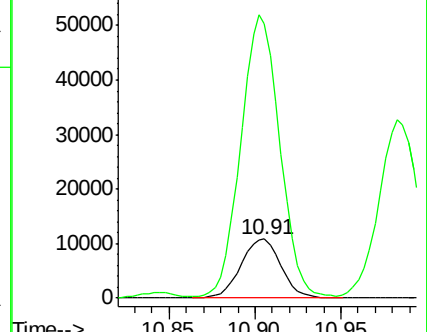
120 100

91 463.2 380.4 570.6



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.731 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040060.D

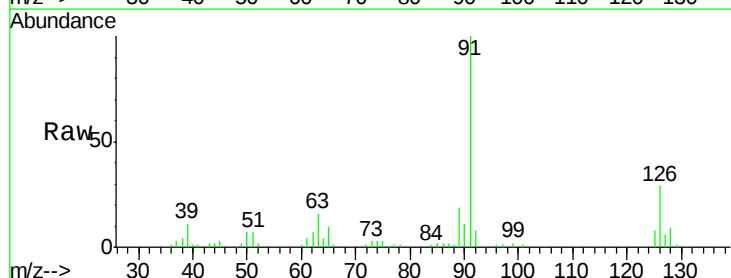
Acq: 09 Sep 2020 11:29

Tgt Ion:126 Resp: 15337

Ion Ratio Lower Upper

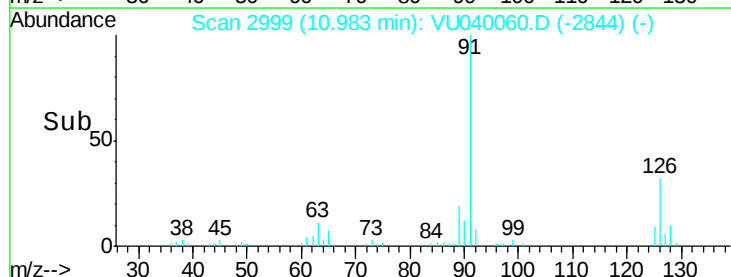
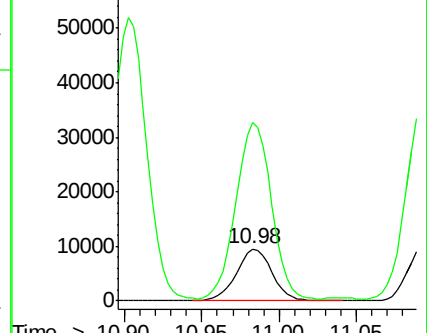
126 100

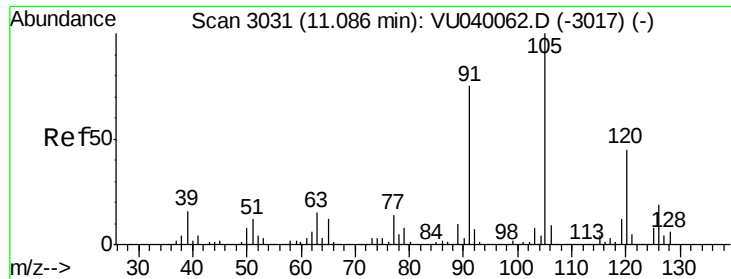
91 333.9 0.0 649.6



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: 1.755 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

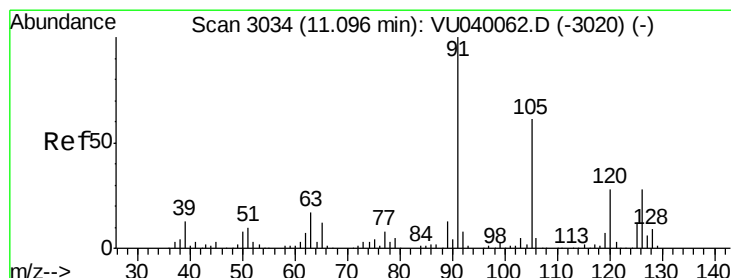
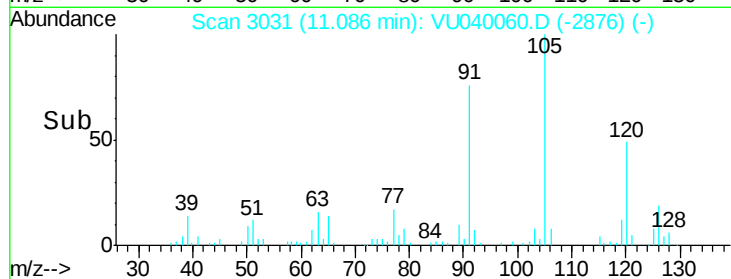
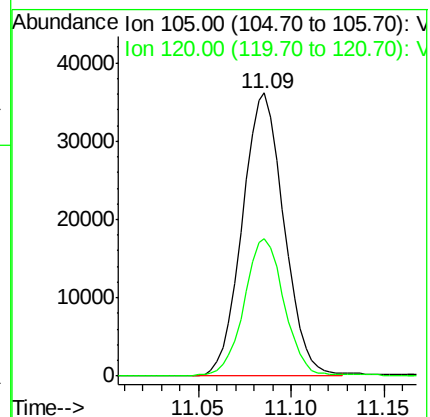
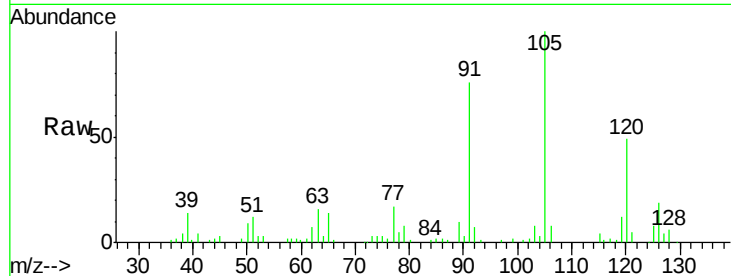
VSTDIC002

Tgt Ion:105 Resp: 56425

Ion Ratio Lower Upper

105 100

120 46.9 36.6 55.0



#76

4-Chlorotoluene

Concen: 1.834 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040060.D

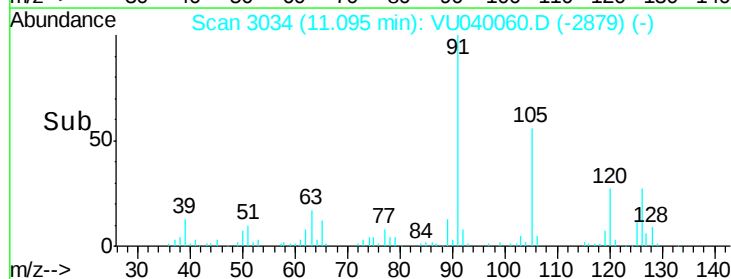
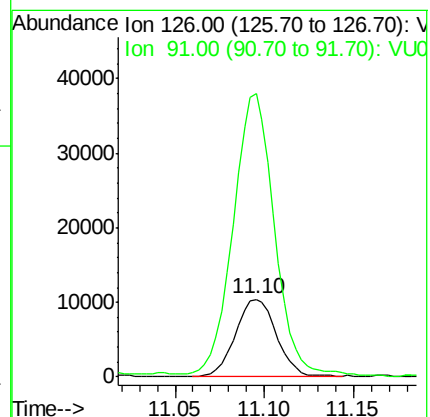
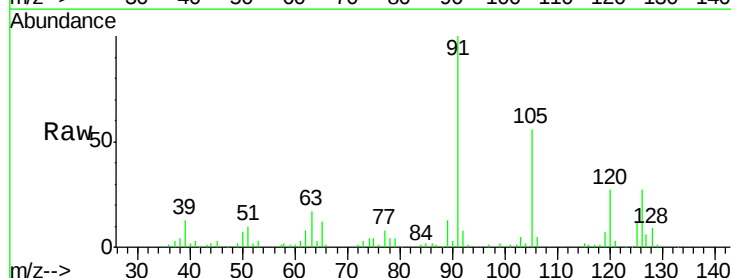
Acq: 09 Sep 2020 11:29

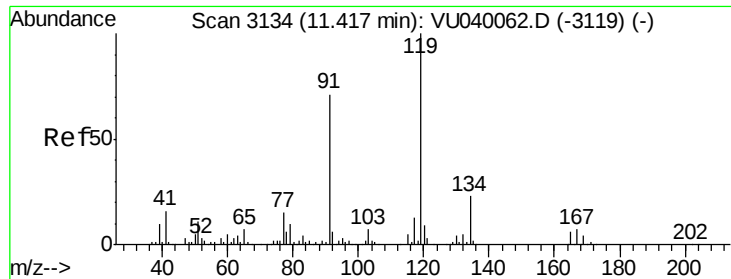
Tgt Ion:126 Resp: 16872

Ion Ratio Lower Upper

126 100

91 362.5 0.0 735.6

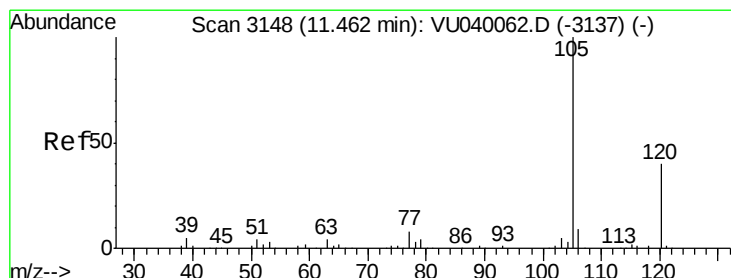
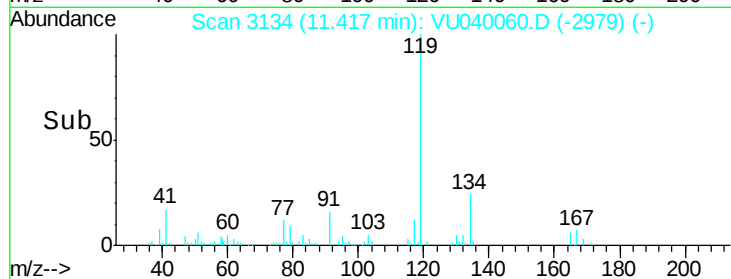
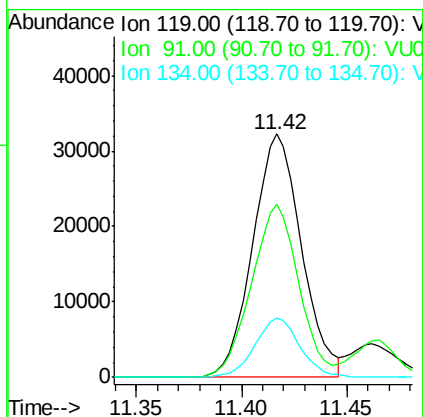
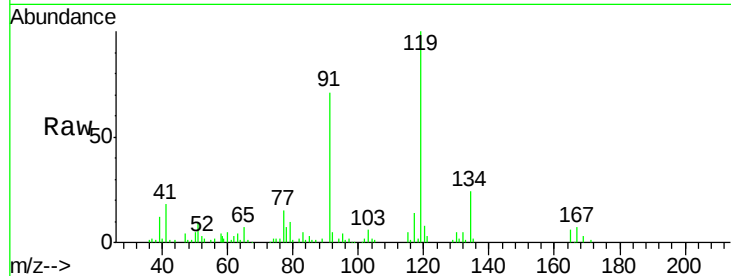




#77
 tert-Butylbenzene
 Concen: 1.690 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

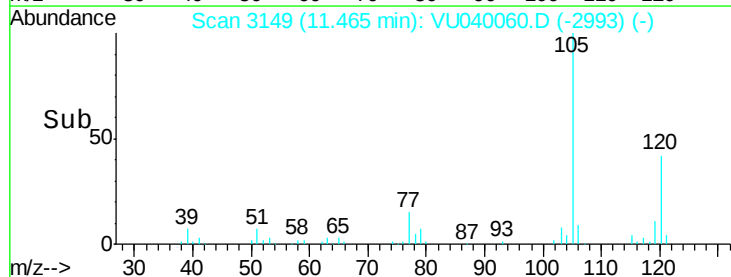
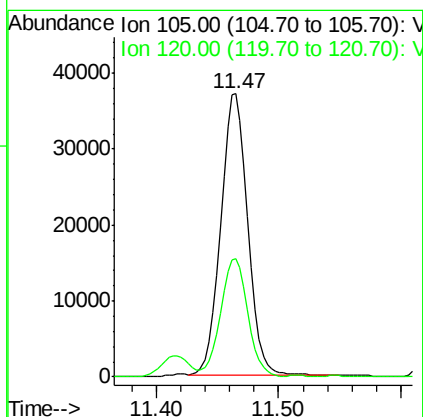
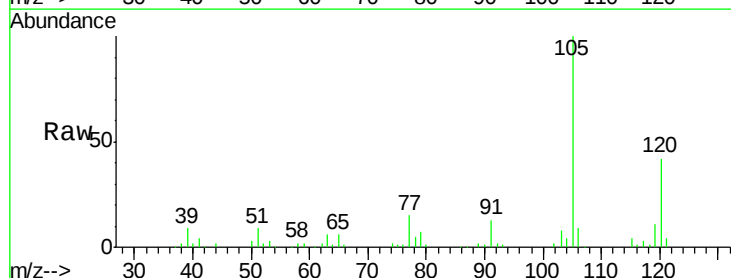
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

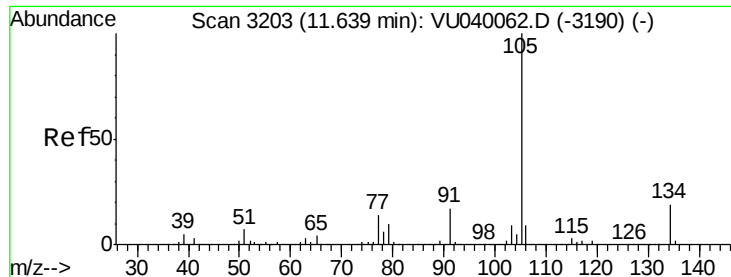
Tgt Ion:119 Resp: 51807
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.2 102.5
 134 22.6 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.761 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:105 Resp: 57989
 Ion Ratio Lower Upper
 105 100
 120 41.5 21.9 65.5

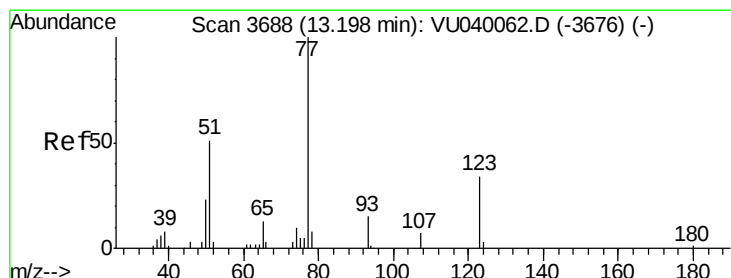
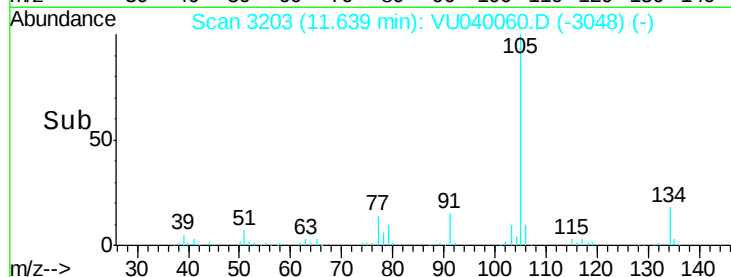
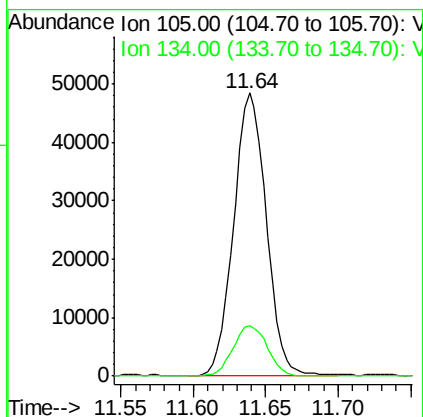
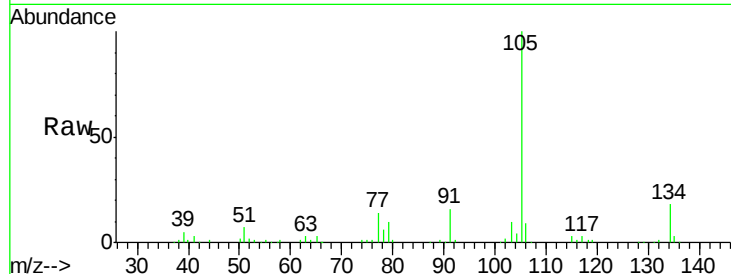




#79
 sec-Butylbenzene
 Concen: 1.738 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

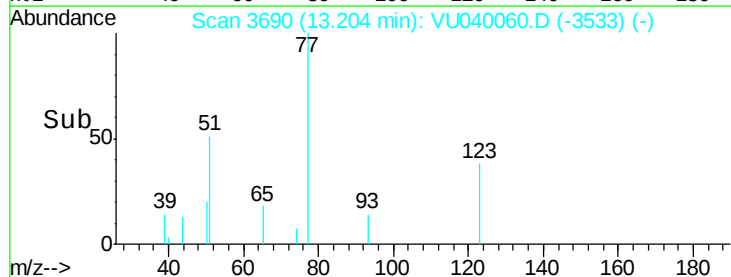
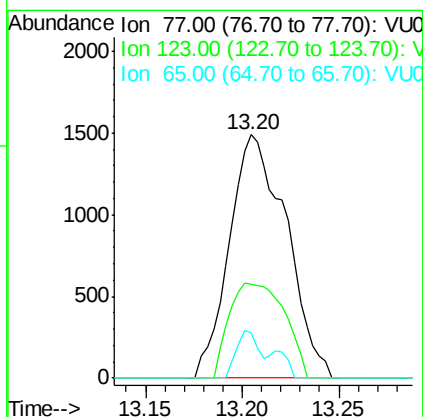
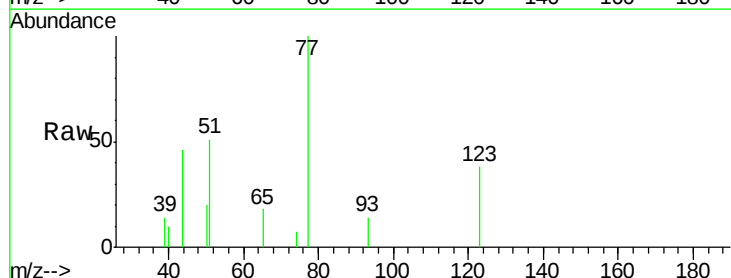
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

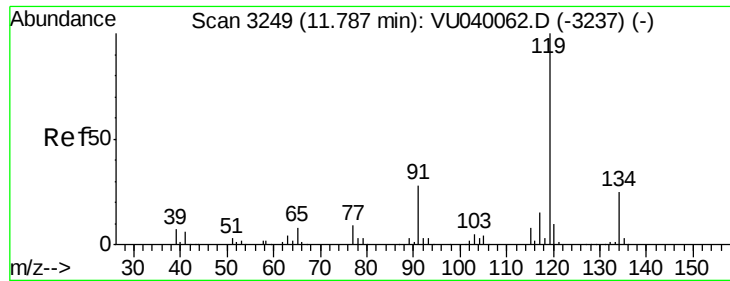
Tgt Ion: 105 Resp: 76218
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.4



#80
 Nitrobenzene
 Concen: 15.365 ug/l
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.01 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 77 Resp: 3037
 Ion Ratio Lower Upper
 77 100
 123 38.0 16.4 58.0
 65 5.2 12.5 15.9#

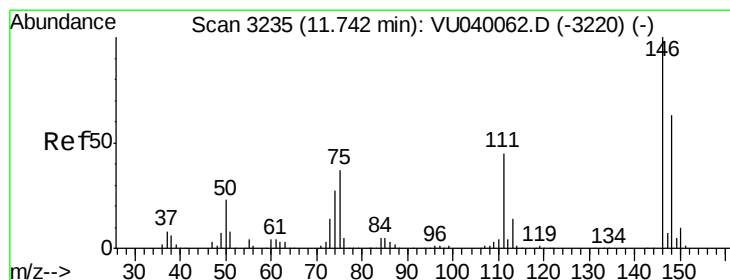
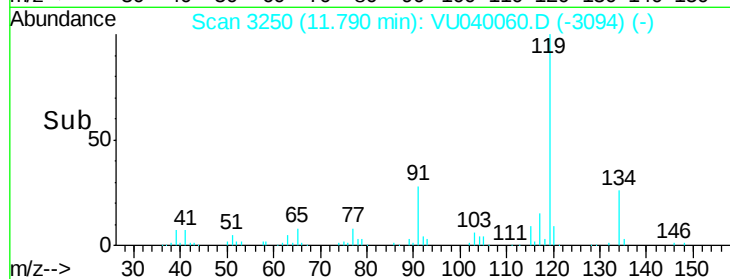
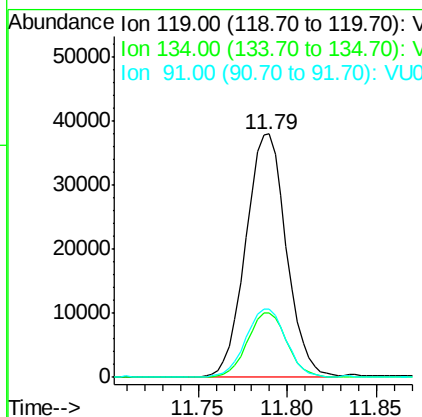
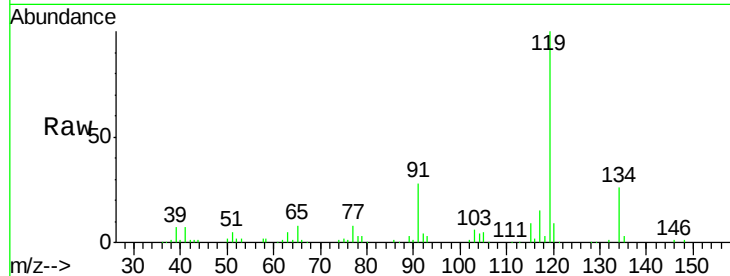




#81
 p-Isopropyltoluene
 Concen: 1.712 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

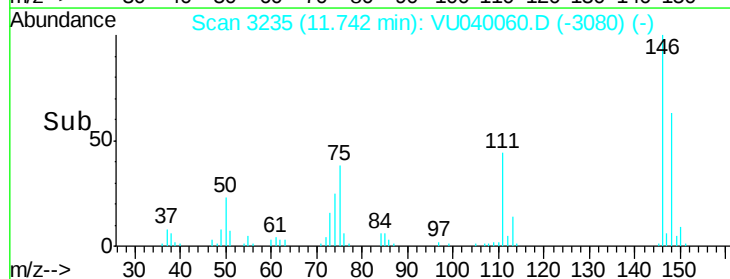
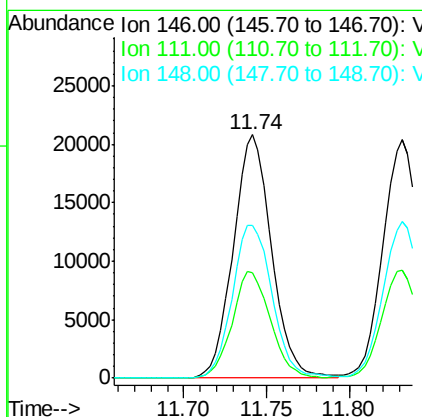
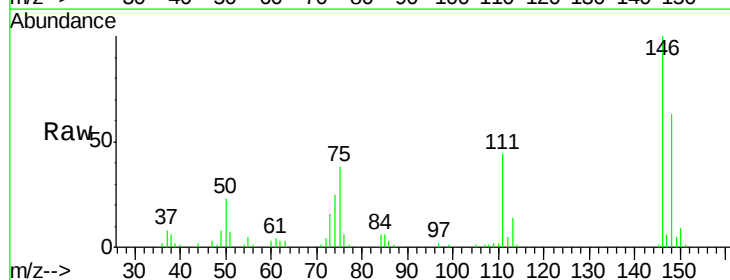
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

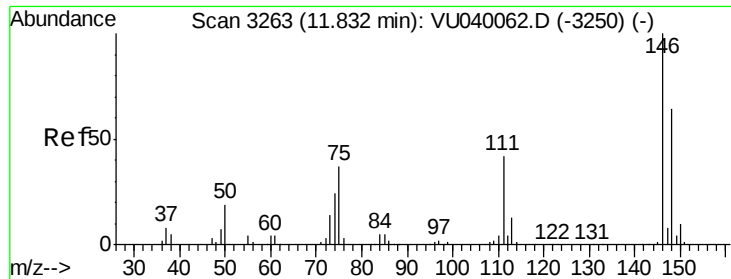
Tgt Ion:119 Resp: 60421
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.3 30.5
 91 27.9 22.2 33.2



#82
 1,3-Dichlorobenzene
 Concen: 1.828 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:146 Resp: 33420
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.4 53.0
 148 65.4 49.7 74.5

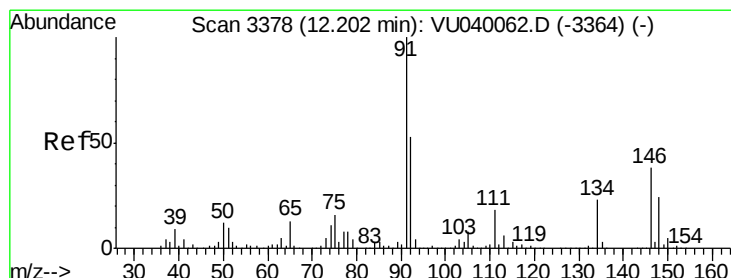
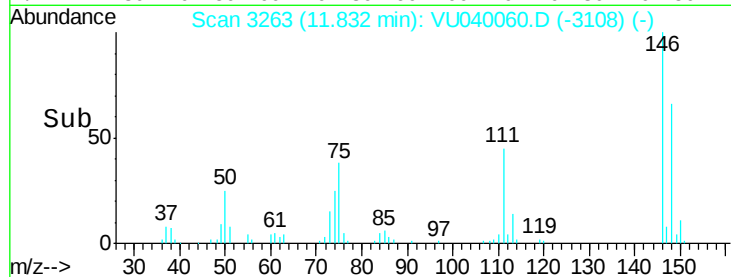
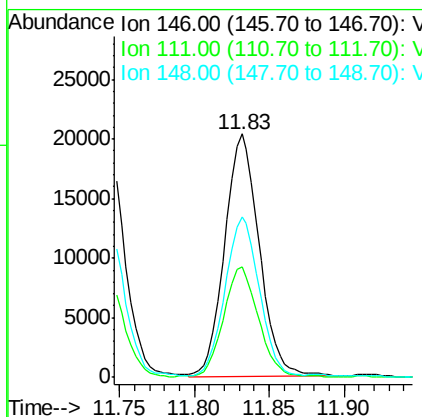
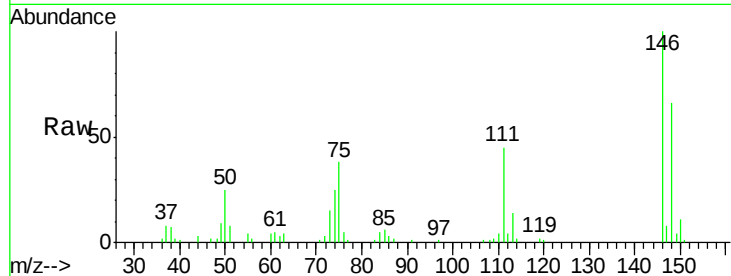




#83
 1,4-Dichlorobenzene
 Concen: 1.782 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

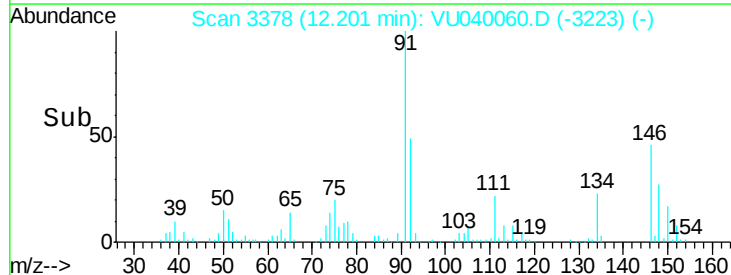
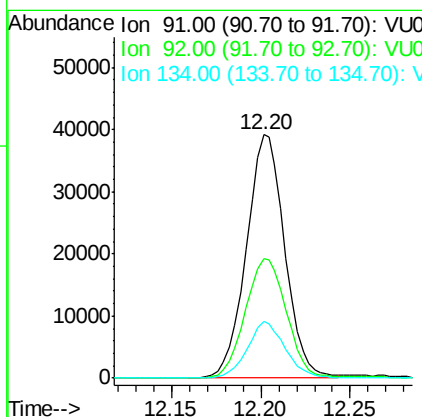
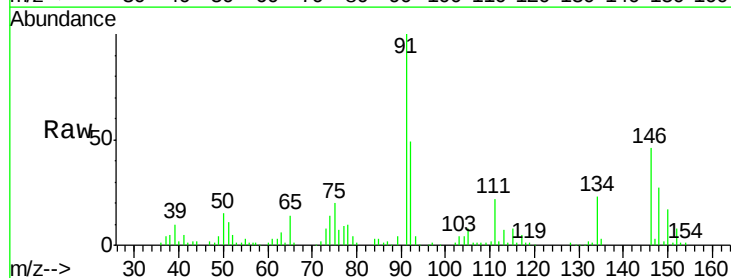
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

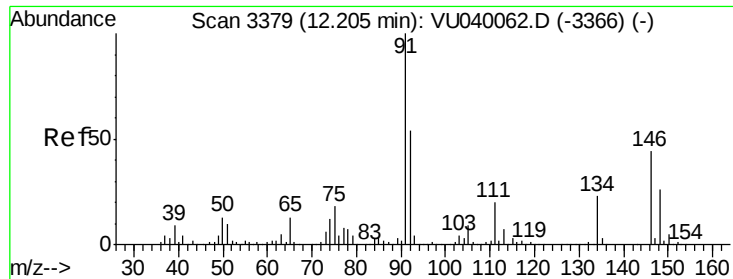
Tgt Ion: 146 Resp: 32843
 Ion Ratio Lower Upper
 146 100
 111 46.1 34.2 51.2
 148 64.1 50.2 75.2



#84
 n-Butylbenzene
 Concen: 1.574 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 91 Resp: 58999
 Ion Ratio Lower Upper
 91 100
 92 52.4 43.0 64.4
 134 22.8 18.6 27.8

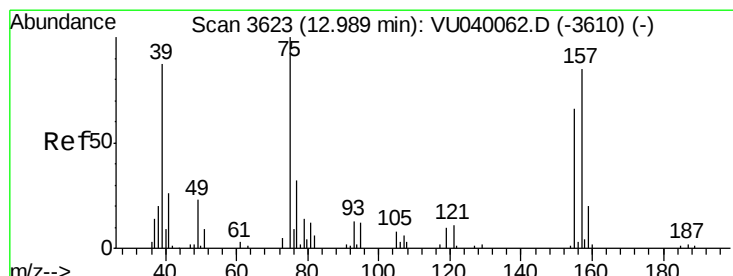
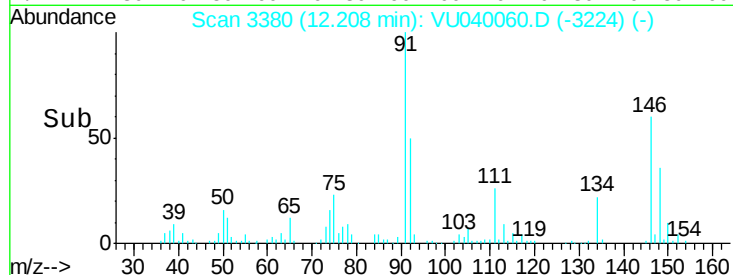
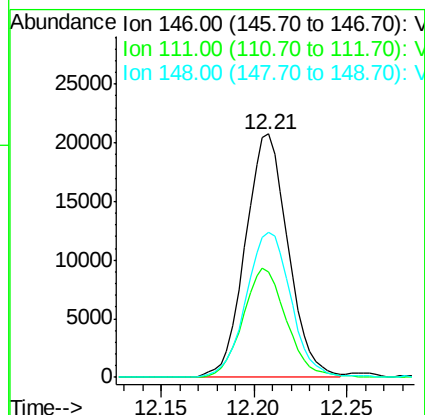
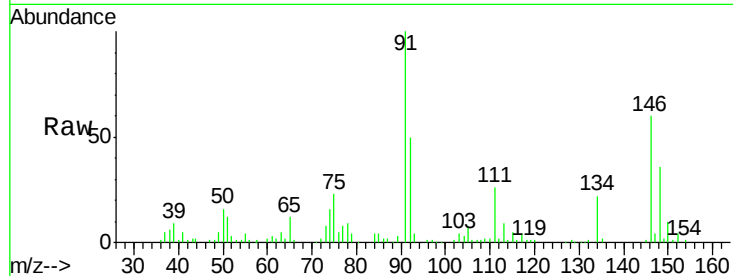




#85
 1,2-Dichlorobenzene
 Concen: 1.882 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

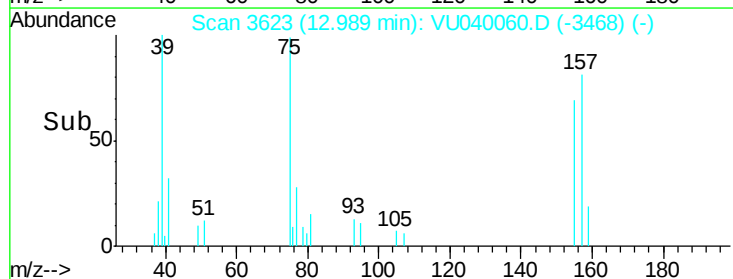
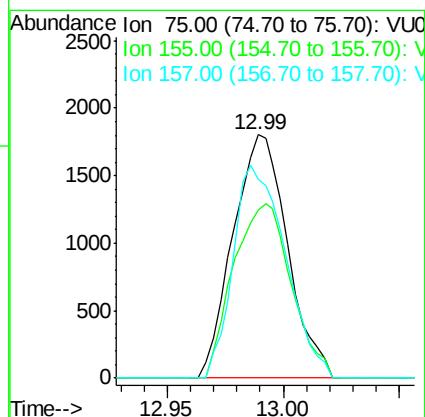
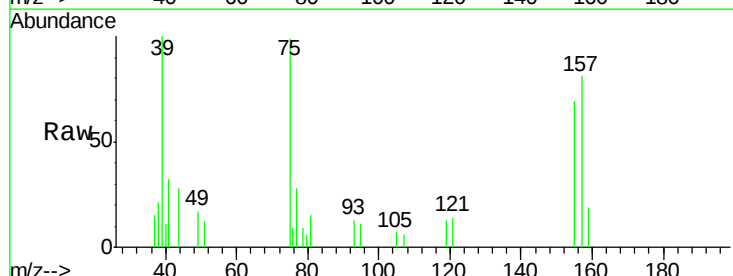
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC002

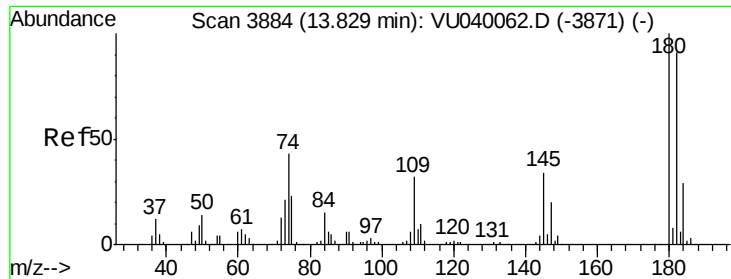
Tgt Ion: 146 Resp: 33188
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.9 68.7
 148 62.8 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.830 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion: 75 Resp: 2943
 Ion Ratio Lower Upper
 75 100
 155 75.9 53.4 80.0
 157 84.1 65.8 98.8

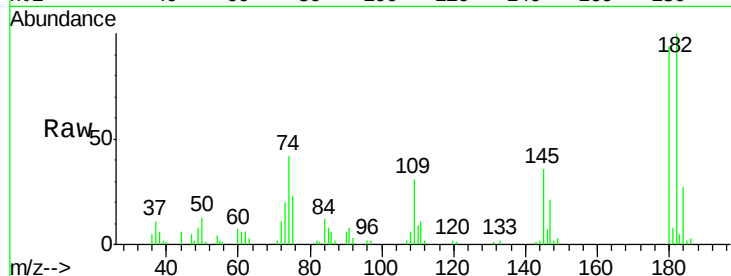




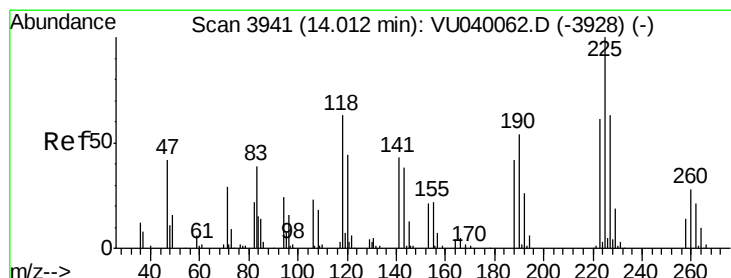
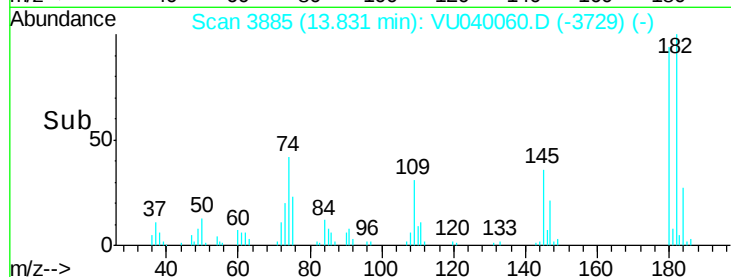
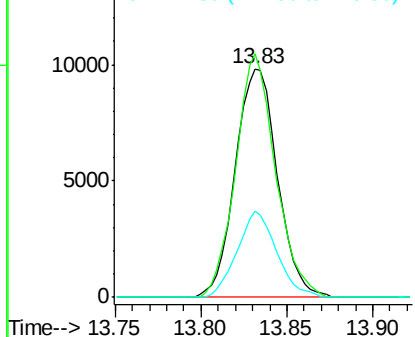
#87
 1,2,4-Trichlorobenzene
 Concen: 1.533 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 16777
 Ion Ratio Lower Upper
 180 100
 182 100.5 75.0 112.4
 145 35.2 27.7 41.5

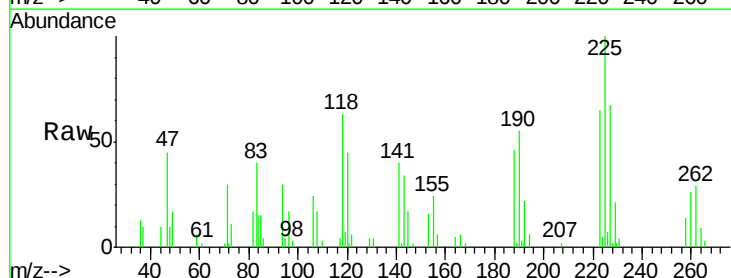


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

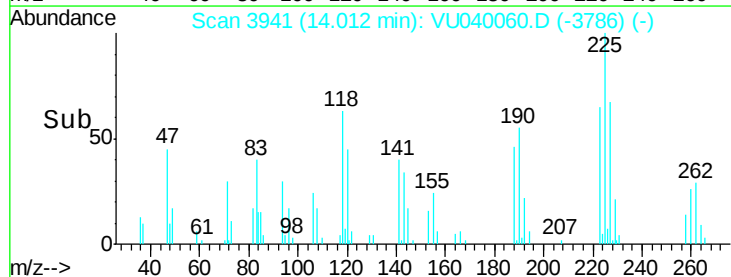
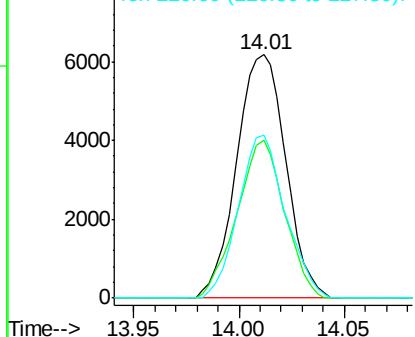


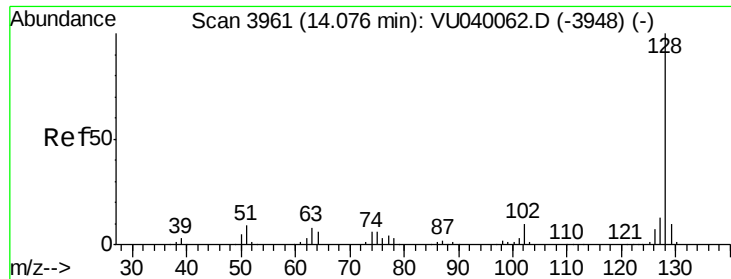
#88
 Hexachlorobutadiene
 Concen: 1.965 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040060.D
 Acq: 09 Sep 2020 11:29

Tgt Ion:225 Resp: 10006
 Ion Ratio Lower Upper
 225 100
 223 62.8 50.7 76.1
 227 63.9 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: 1.364 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

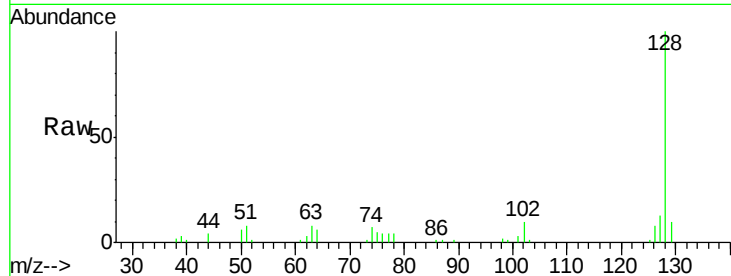
Tgt Ion:128 Resp: 31748

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

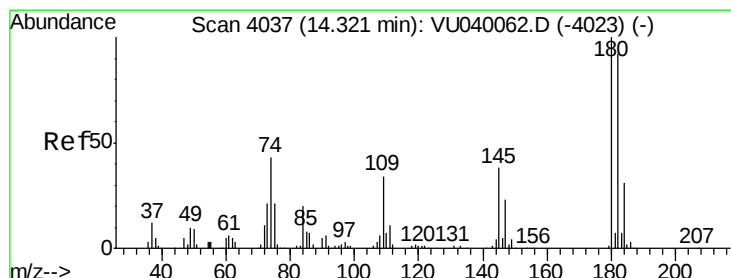
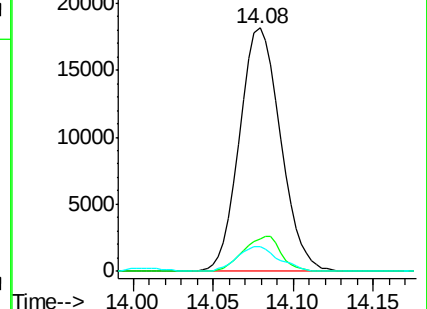
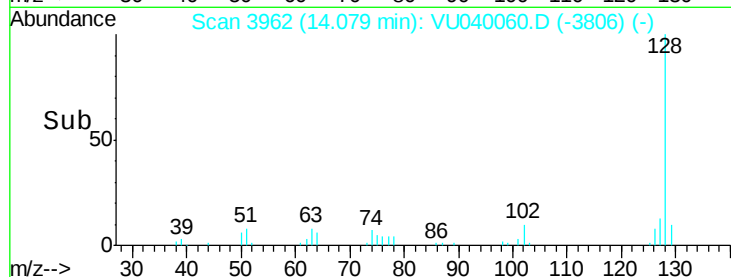
129 10.2 8.3 12.5



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: 1.534 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040060.D

Acq: 09 Sep 2020 11:29

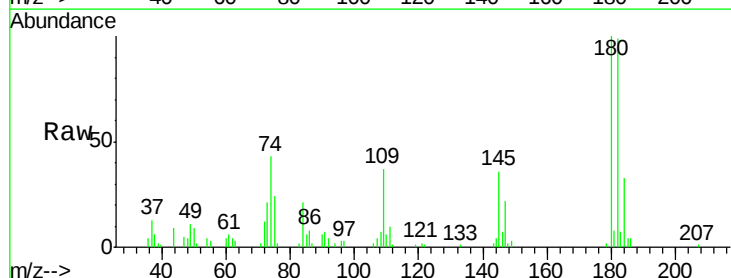
Tgt Ion:180 Resp: 15857

Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 36.3 30.6 45.8



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

