

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040061.D
 Acq On : 09 Sep 2020 12:00
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 10 03:47:54 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	27947	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	11238	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10288	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	41594	4.424 ug/l	97
3) Chloromethane	1.53	50	43086	3.746 ug/l	99
4) Vinyl Chloride	1.61	62	42949	4.032 ug/l	98
5) Bromomethane	1.86	94	27588	3.761 ug/l	98
6) Chloroethane	1.94	64	26998	3.676 ug/l	91
7) Trichlorofluoromethane	2.15	101	63892	4.446 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	36541	4.429 ug/l	98
9) 1,1-Dichloroethene	2.59	96	29989	4.001 ug/l	90
10) Iodomethane	2.74	142	30200	4.047 ug/l	99
11) Allyl Chloride	2.94	41	61747	3.863 ug/l	98
12) Acrylonitrile	3.33	53	22109	8.388 ug/l	96
13) Acetone	2.64	43	49484	19.928 ug/l	91
14) Carbon Disulfide	2.81	76	85479	3.211 ug/l	100
15) Methylene Chloride	3.06	84	41946	3.982 ug/l	94
16) trans-1,2-Dichloroethene	3.37	96	35148	4.129 ug/l	98
17) 1,1-Dichloroethane	3.89	63	70969	3.826 ug/l	99
18) 2-Butanone	4.74	43	77386	18.837 ug/l	100
19) Cyclohexane	5.40	56	53671	3.028 ug/l	91
20) Methylcyclohexane	6.77	83	57009	4.249 ug/l	94
21) 2,2-Dichloropropane	4.68	77	66654	4.322 ug/l	100
22) cis-1,2-Dichloroethene	4.69	96	39780	4.310 ug/l	99
23) Diethyl Ether	2.39	59	29464	3.877 ug/l	98
24) tert-Butyl Alcohol	3.21	59	37619	27.246 ug/l	100
25) Methyl tert-Butyl Ether	3.39	73	103233	4.212 ug/l	98
26) Bromochloromethane	4.99	128	17299	4.536 ug/l	97
27) Chloroform	5.11	83	74595	4.238 ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	64971	4.511 ug/l	99
29) 1,1-Dichloropropene	5.54	75	55746	4.083 ug/l	99
30) Carbon Tetrachloride	5.54	117	60436	5.049 ug/l	98
31) Isopropyl Ether	4.02	45	123941	3.678 ug/l	98
32) Ethyl-t-butyl ether	4.53	59	116716	4.032 ug/l	99
33) Tert-Amyl methyl ether	5.96	73	104490	4.870 ug/l	99
34) Propionitrile	4.81	54	19195	18.895 ug/l #	92
35) Benzene	5.79	78	155608	4.524 ug/l	98
36) 1,2-Dichloroethane	5.81	62	60002	4.639 ug/l	99
37) Trichloroethene	6.55	130	39216	4.929 ug/l	96
38) 1,2-Dichloropropane	6.81	63	44659	4.722 ug/l	100
39) Methacrylonitrile	5.00	41	19414	3.598 ug/l #	90
40) Methyl acrylate	4.87	55	25428	3.686 ug/l #	97
41) Tetrahydrofuran	5.09	42	19588	7.282 ug/l	95
42) 1-Chlorobutane	5.47	56	83224	3.909 ug/l	100

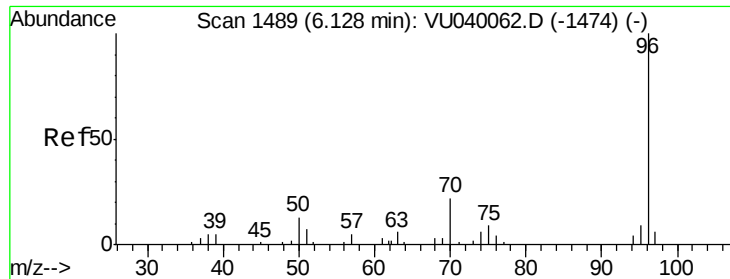
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
 Data File : VU040061.D
 Acq On : 09 Sep 2020 12:00
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 10 03:47:54 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	25622	4.962	ug/l	99
44) Bromodichloromethane	7.12	83	61688	5.220	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	181844	23.645	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	61141	25.077	ug/l #	53
47) Methyl methacrylate	6.98	69	46324	9.763	ug/l	98
48) Ethyl methacrylate	8.34	69	41299	4.730	ug/l	97
49) Toluene	7.98	92	96491	4.747	ug/l	95
50) t-1,3-Dichloropropene	8.22	75	56814	5.339	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	60726	4.875	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	32675	4.883	ug/l	94
53) 1,3-Dichloropropane	8.58	76	58800	4.616	ug/l	98
54) 2-Hexanone	8.70	43	133729	24.272	ug/l	100
55) Dibromochloromethane	8.82	129	39167	5.409	ug/l	99
56) 1,2-Dibromoethane	8.93	107	31463	4.927	ug/l	97
58) Tetrachloroethene	8.56	164	38784	5.469	ug/l	96
59) Chlorobenzene	9.45	112	104164	4.900	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	36974	5.085	ug/l	95
61) Pentachloroethane	11.42	117	24586	4.041	ug/l	97
62) Hexachloroethane	12.47	117	32661	5.568	ug/l	98
63) Ethyl Benzene	9.57	91	184272	4.874	ug/l	97
64) m/p-Xylenes	9.69	106	143436	9.758	ug/l	99
65) o-Xylene	10.10	106	67599	4.832	ug/l	99
66) Styrene	10.11	104	120288	4.996	ug/l	99
67) Bromoform	10.29	173	20243	5.483	ug/l	97
69) Isopropylbenzene	10.48	105	182663	4.870	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	43367	4.571	ug/l	94
71) 1,2,3-Trichloropropane	10.83	75	61141	8.680	ug/l	72
72) Bromobenzene	10.78	156	42154	4.931	ug/l	96
73) n-propylbenzene	10.90	120	50741	4.821	ug/l	98
74) 2-Chlorotoluene	10.98	126	45474	5.084	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	167744	5.167	ug/l	99
76) 4-Chlorotoluene	11.10	126	48359	5.207	ug/l	100
77) tert-Butylbenzene	11.42	119	147517	4.767	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	173833	5.230	ug/l	98
79) sec-Butylbenzene	11.64	105	221482	5.002	ug/l	100
80) Nitrobenzene	13.20	77	9116	45.685	ug/l	98
81) p-Isopropyltoluene	11.79	119	178608	5.013	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	90409	4.899	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	91947	4.943	ug/l	98
84) n-Butylbenzene	12.20	91	184008	4.862	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	87796	4.933	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	8570	5.279	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	51855	4.692	ug/l	100
88) Hexachlorobutadiene	14.01	225	25972	5.053	ug/l	95
89) Naphthalene	14.08	128	105027	4.469	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	50075	4.797	ug/l	97

(#) = 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: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 27947

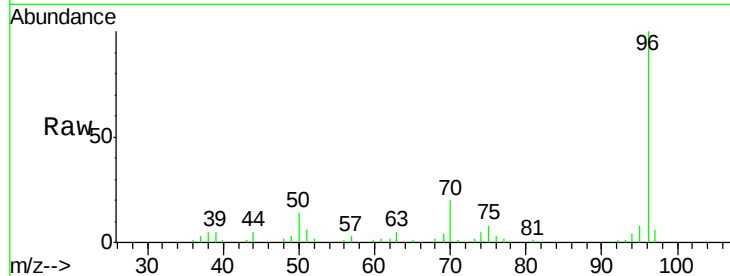
Ion Ratio Lower Upper

96 100

70 20.8 17.1 25.7

95 8.3 7.6 11.4

97 6.3 0.0 0.0#

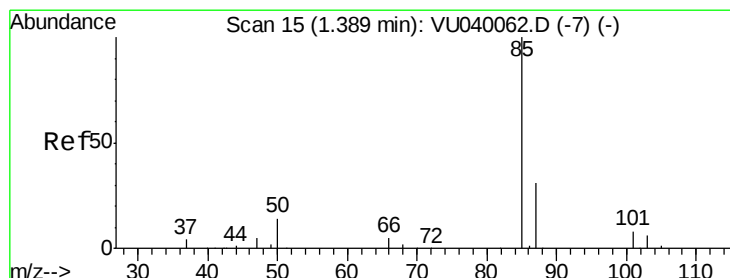
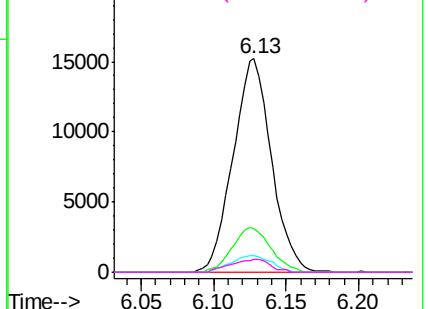
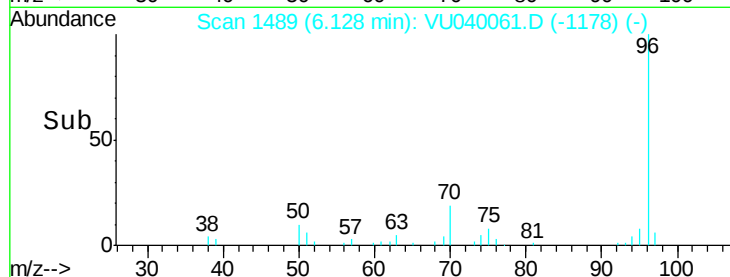


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 4.424 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040061.D

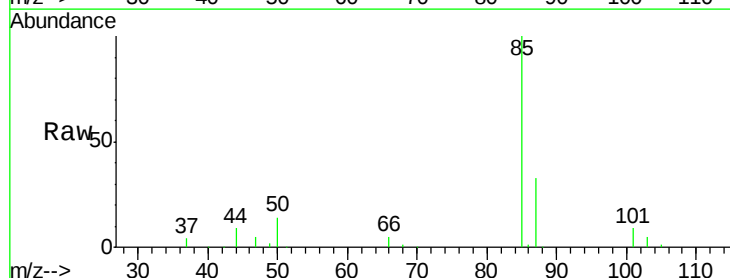
Acq: 09 Sep 2020 12:00

Tgt Ion: 85 Resp: 41594

Ion Ratio Lower Upper

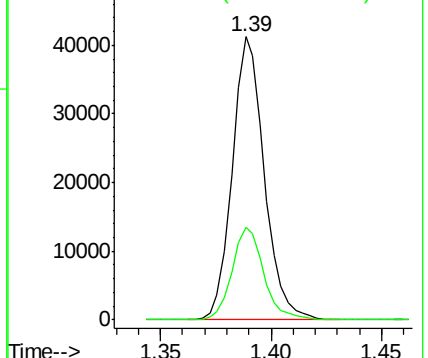
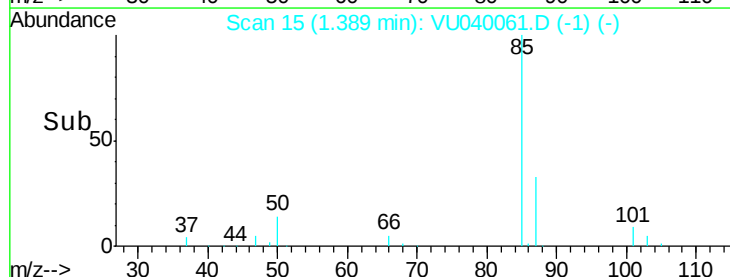
85 100

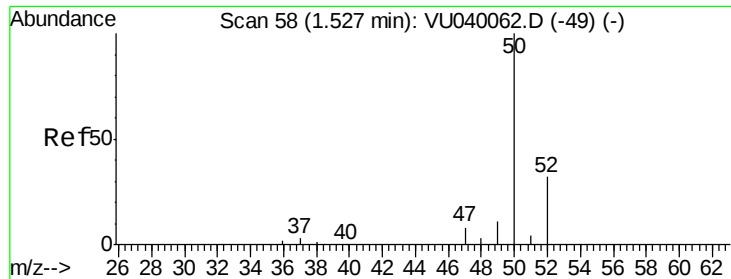
87 32.9 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 3.746 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

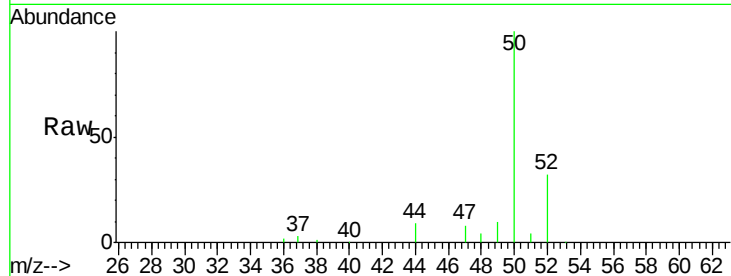
VSTDIC005

Tgt Ion: 50 Resp: 43086

Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9



Abundance Ion 50.00 (49.70 to 50.70): VU040061.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU040061.D (-1) (-)

1.53

40000

30000

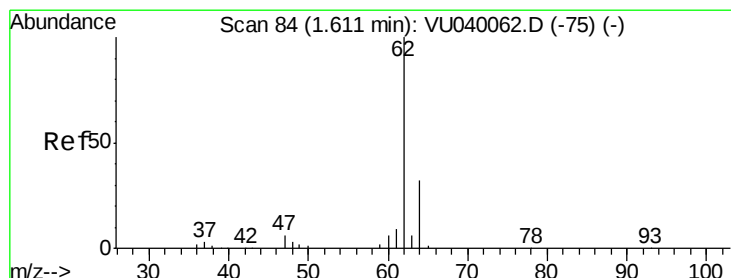
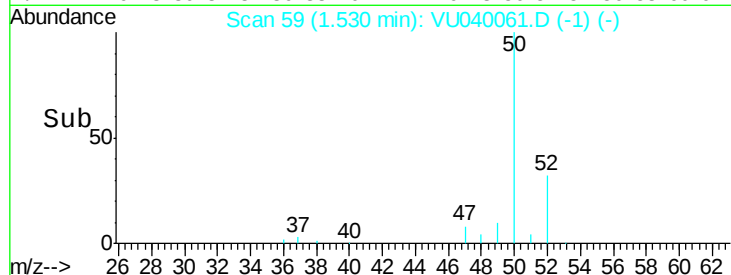
20000

10000

0

Time-->

1.50 1.55 1.60



#4

Vinyl Chloride

Concen: 4.032 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040061.D

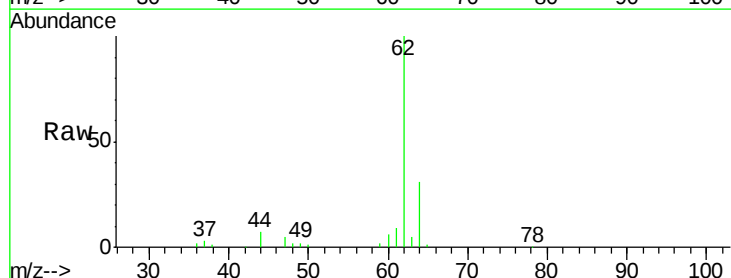
Acq: 09 Sep 2020 12:00

Tgt Ion: 62 Resp: 42949

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VU040061.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU040061.D (-1) (-)

1.61

40000

30000

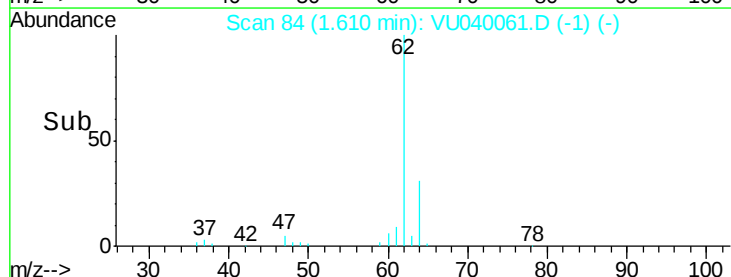
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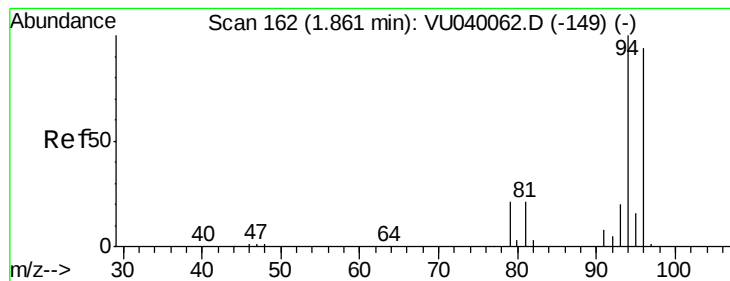
10000

0

Time-->

1.55 1.60 1.65





#5

Bromomethane

Concen: 3.761 ug/l

RT: 1.86 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

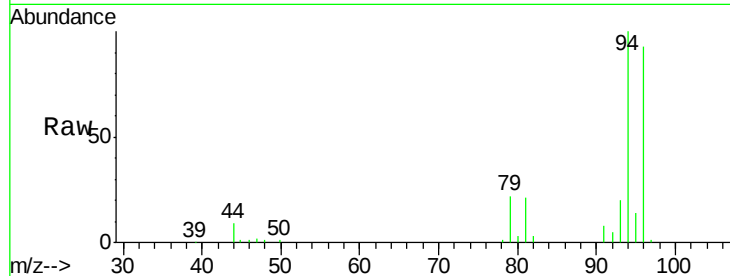
VSTDIC005

Tgt Ion: 94 Resp: 27588

Ion Ratio Lower Upper

94 100

96 92.6 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VU040061.D (-7) (-)

Ion 96.00 (95.70 to 96.70): VU040061.D (-7) (-)

1.86

25000

20000

15000

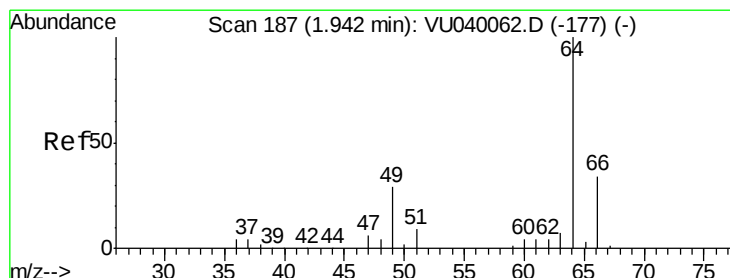
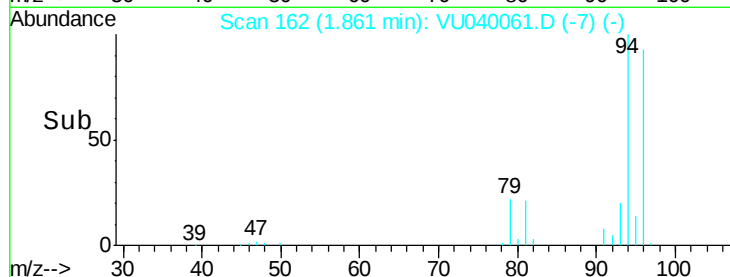
10000

5000

0

Time-->

1.80 1.85 1.90



#6

Chloroethane

Concen: 3.676 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040061.D

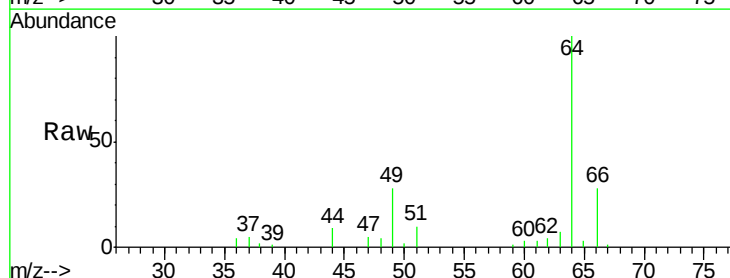
Acq: 09 Sep 2020 12:00

Tgt Ion: 64 Resp: 26998

Ion Ratio Lower Upper

64 100

66 28.3 26.7 40.1



Abundance Ion 64.00 (63.70 to 64.70): VU040061.D (-32) (-)

Ion 66.00 (65.70 to 66.70): VU040061.D (-32) (-)

1.94

20000

15000

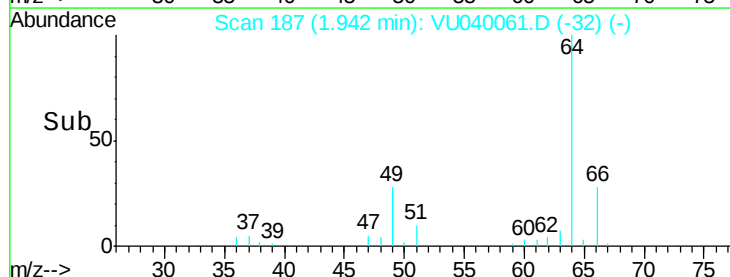
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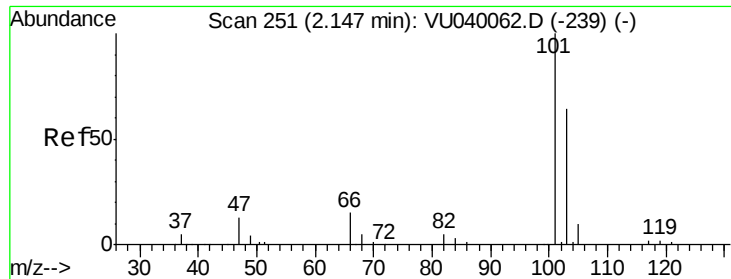
5000

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Time-->

1.85 1.90 1.95 2.00



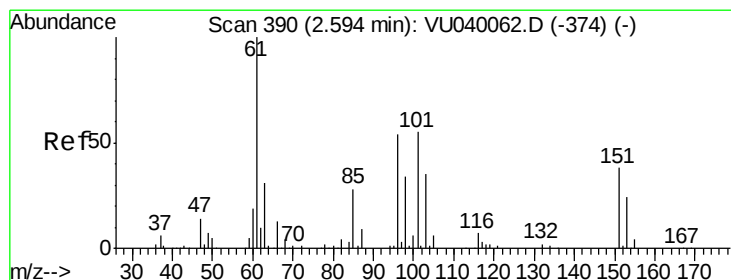
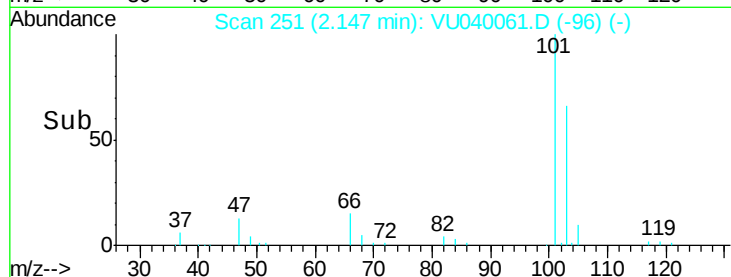
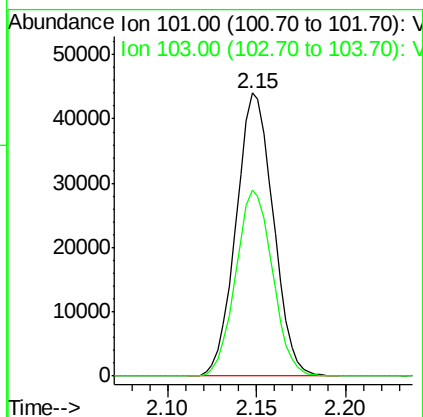
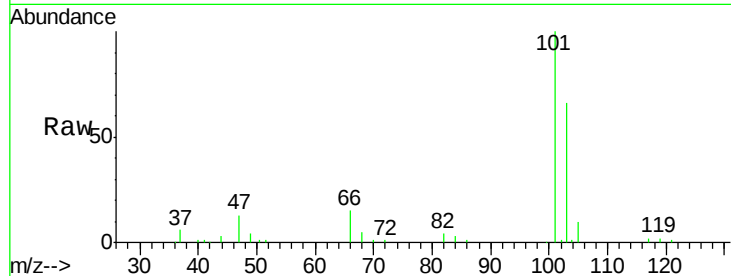


#7

Trichlorofluoromethane
 Concen: 4.446 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

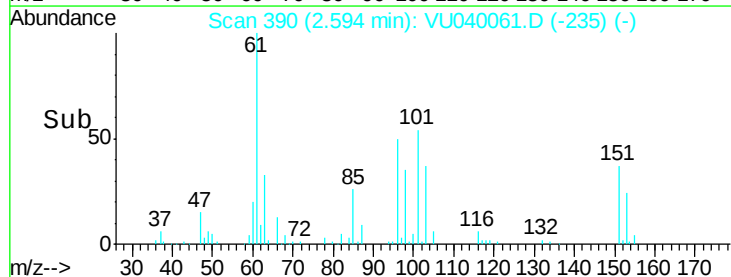
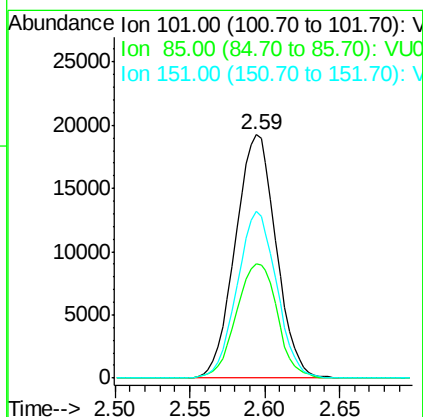
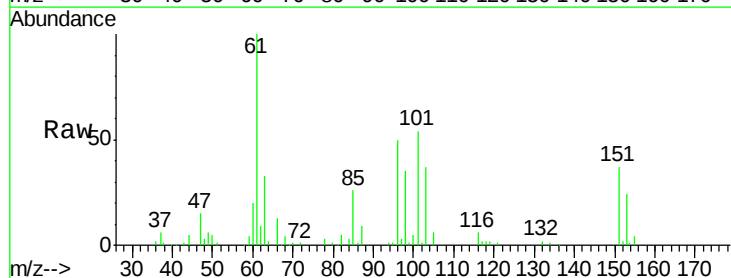
Tgt Ion:101 Resp: 63892
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.8 76.2

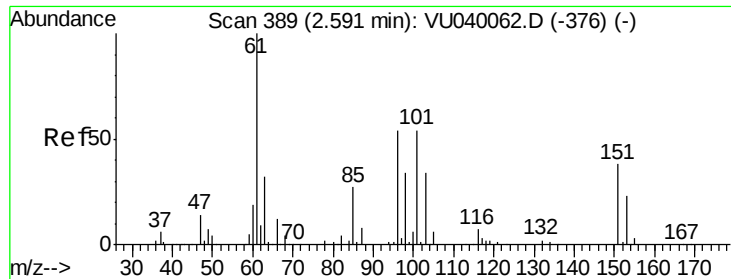


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.429 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:101 Resp: 36541
 Ion Ratio Lower Upper
 101 100
 85 47.2 38.5 57.7
 151 66.3 54.6 81.8





#9

1,1-Dichloroethene

Concen: 4.001 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

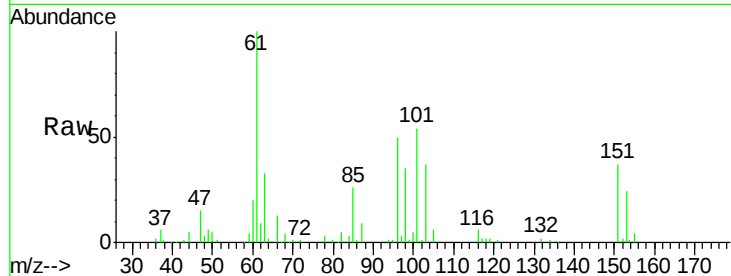
Tgt Ion: 96 Resp: 29989

Ion Ratio Lower Upper

96 100

61 200.5 0.0 557.1

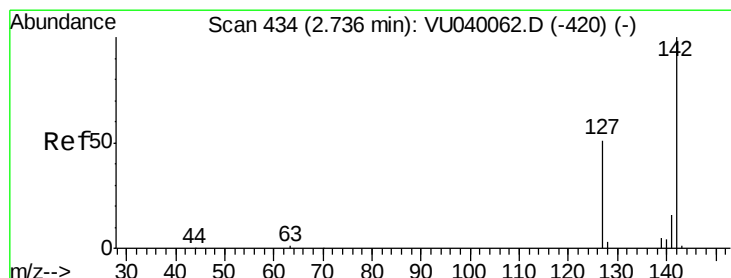
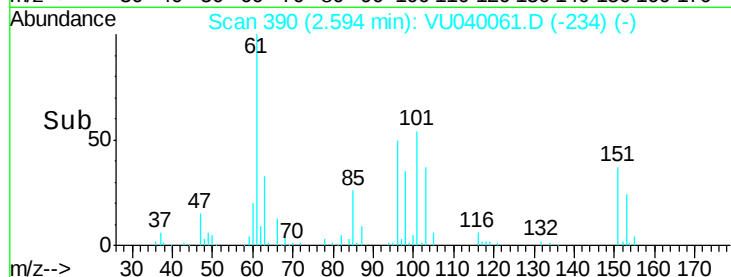
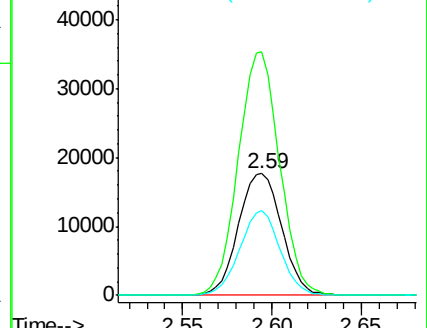
98 69.7 0.0 125.6



Abundance Ion 96.00 (95.70 to 96.70): VU040062.D (-376) (-)

Ion 61.00 (60.70 to 61.70): VU040062.D (-376) (-)

Ion 98.00 (97.70 to 98.70): VU040062.D (-376) (-)



#10

Iodomethane

Concen: 4.047 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU040061.D

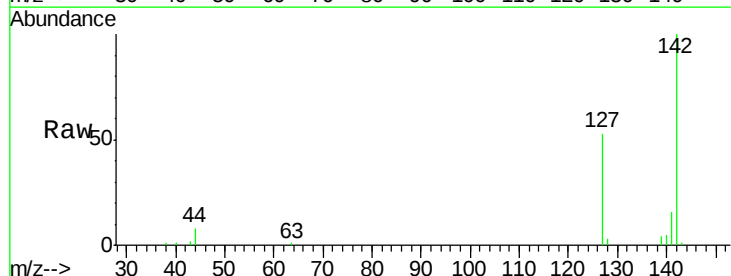
Acq: 09 Sep 2020 12:00

Tgt Ion: 142 Resp: 30200

Ion Ratio Lower Upper

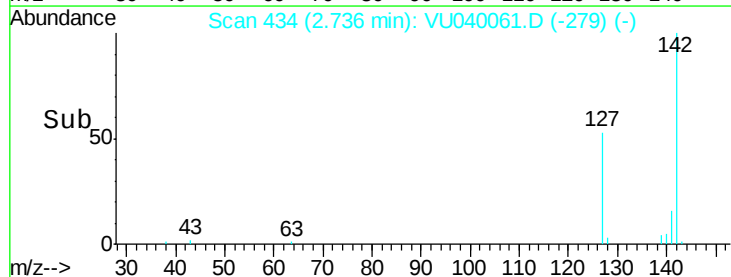
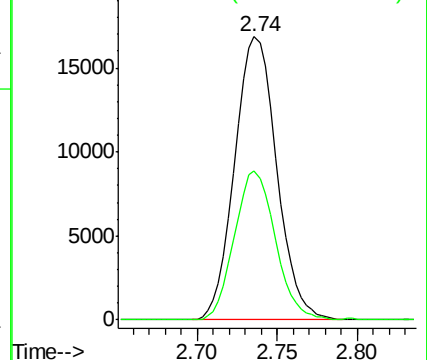
142 100

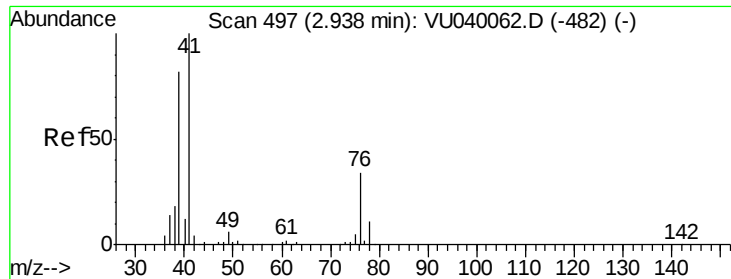
127 51.0 41.4 62.0



Abundance Ion 142.00 (141.70 to 142.70): VU040062.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU040062.D (-420) (-)

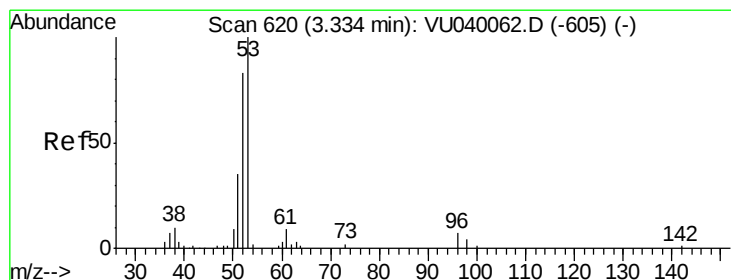
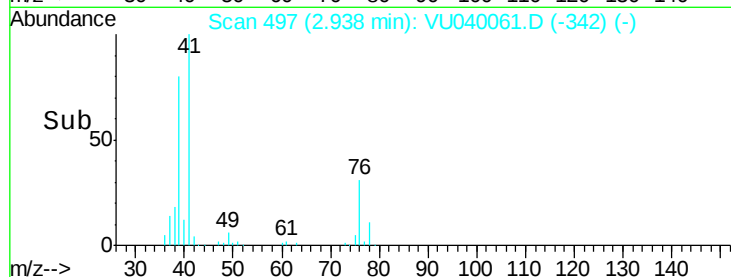
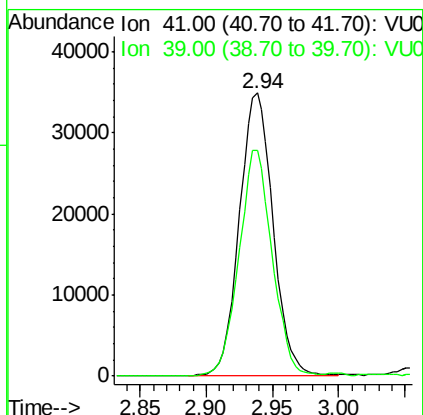
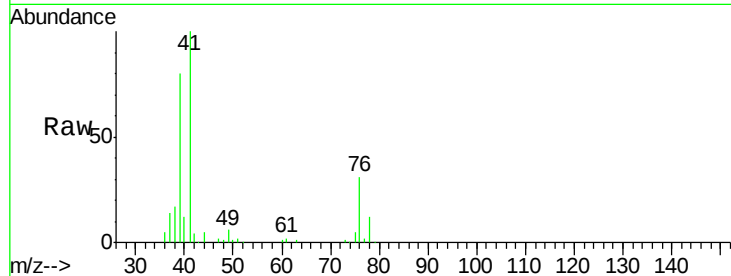




#11
 Allyl Chloride
 Concen: 3.863 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

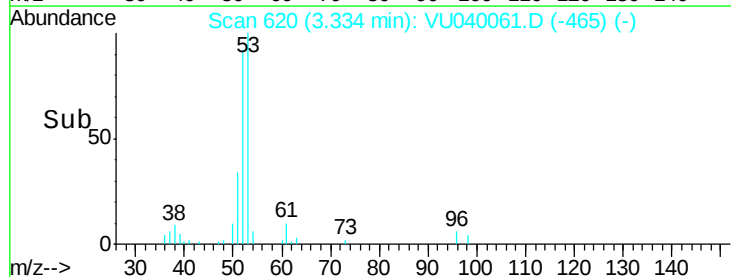
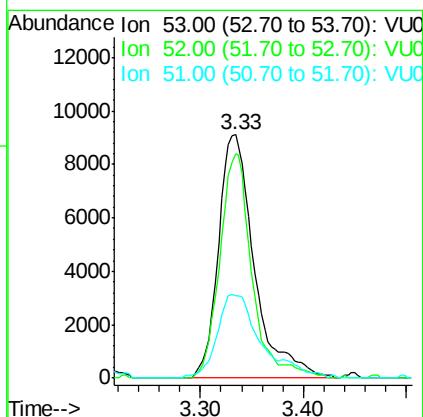
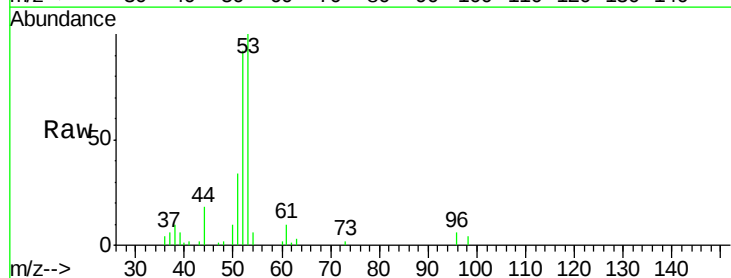
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

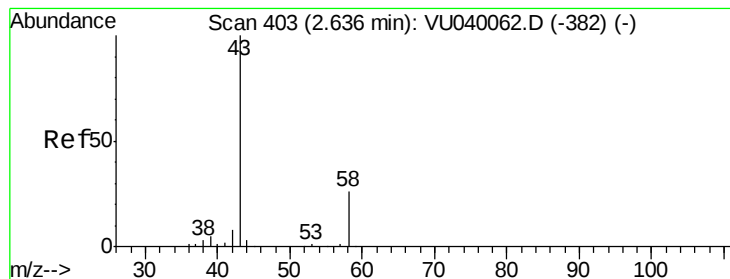
Tgt Ion: 41 Resp: 61747
 Ion Ratio Lower Upper
 41 100
 39 78.7 64.6 96.8



#12
 Acrylonitrile
 Concen: 8.388 ug/l
 RT: 3.33 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 53 Resp: 22109
 Ion Ratio Lower Upper
 53 100
 52 79.2 64.0 96.0
 51 41.8 28.2 42.2





#13

Acetone

Concen: 19.928 ug/l

RT: 2.64 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

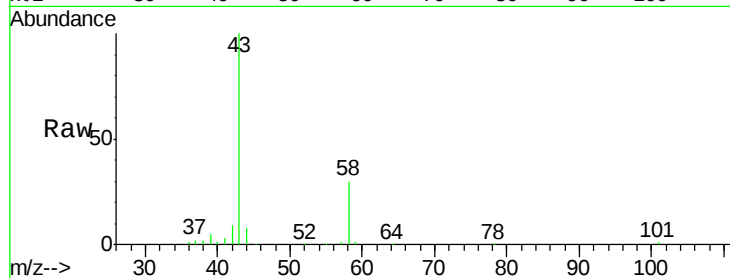
VSTDIC005

Tgt Ion: 43 Resp: 49484

Ion Ratio Lower Upper

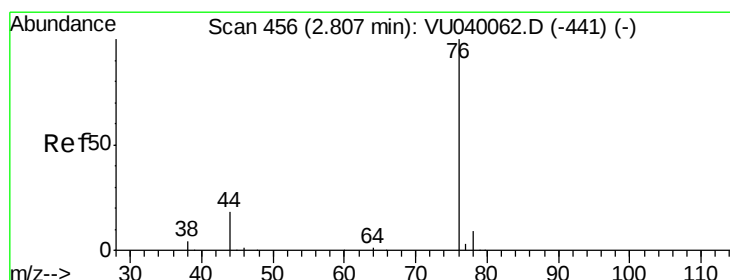
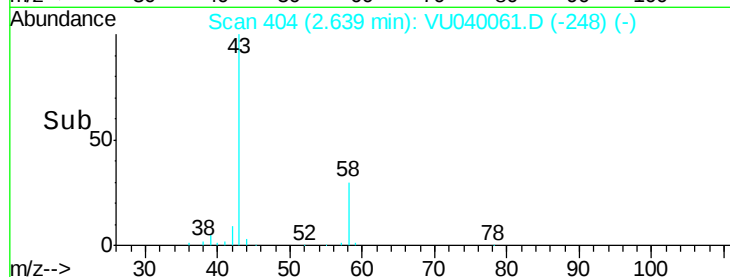
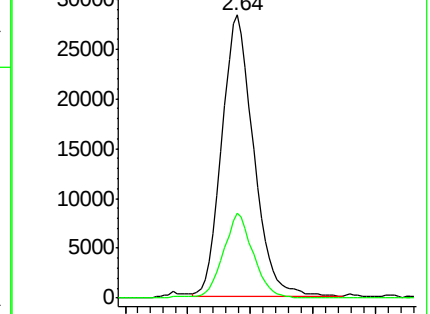
43 100

58 30.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VU040061.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VU040061.D (-248) (-)



#14

Carbon Disulfide

Concen: 3.211 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040061.D

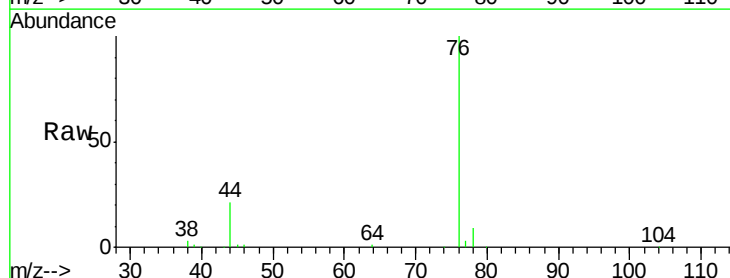
Acq: 09 Sep 2020 12:00

Tgt Ion: 76 Resp: 85479

Ion Ratio Lower Upper

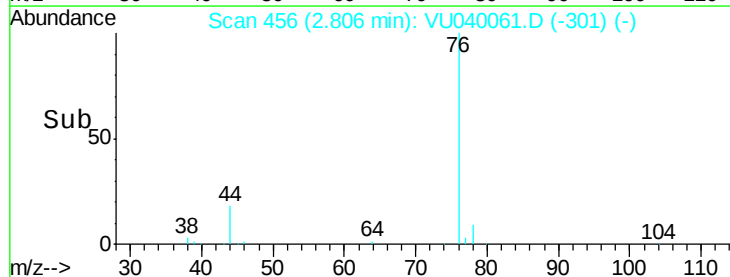
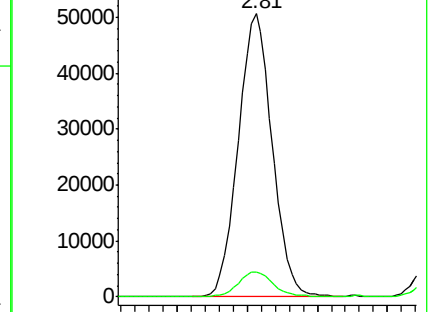
76 100

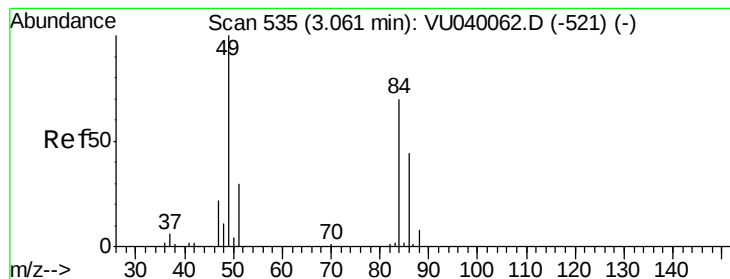
78 8.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU040061.D (-301) (-)

Ion 78.00 (77.70 to 78.70): VU040061.D (-301) (-)





#15

Methylene Chloride

Concen: 3.982 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 84 Resp: 41946

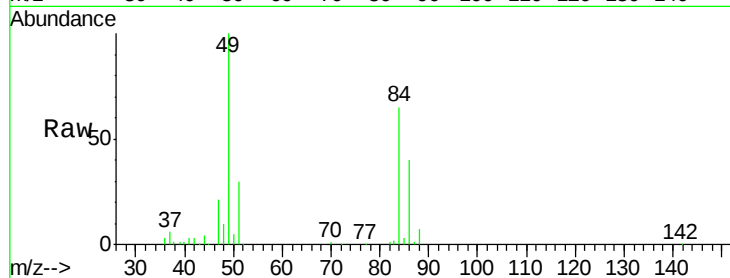
Ion Ratio Lower Upper

84 100

49 153.8 114.3 171.5

51 45.4 0.0 84.6

86 61.7 50.6 76.0

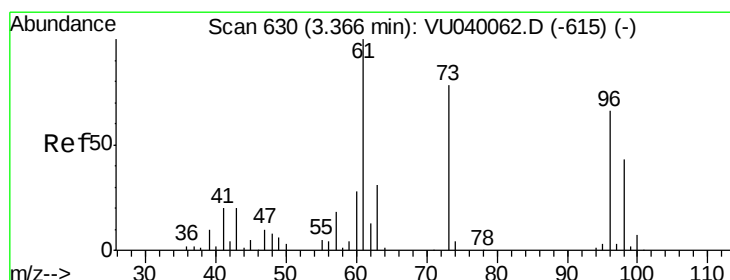
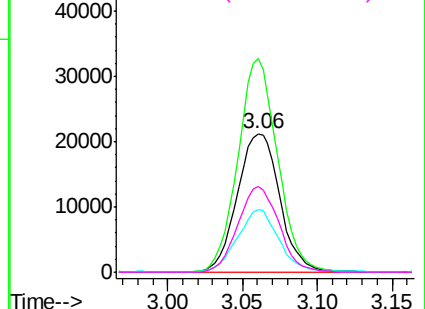
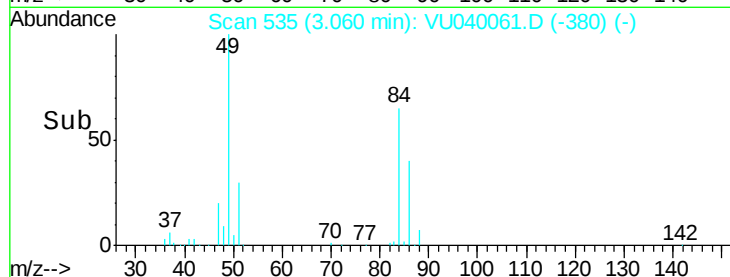


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 4.129 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

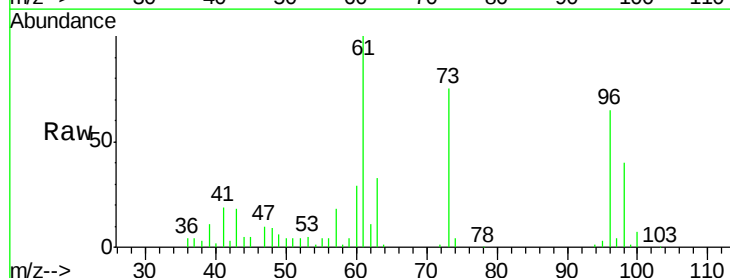
Tgt Ion: 96 Resp: 35148

Ion Ratio Lower Upper

96 100

61 152.9 121.4 182.0

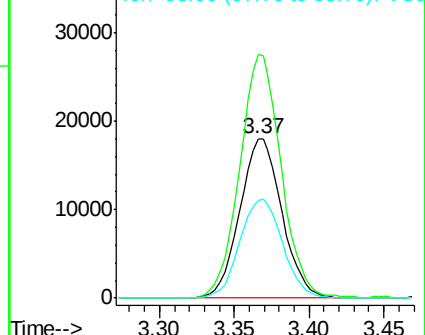
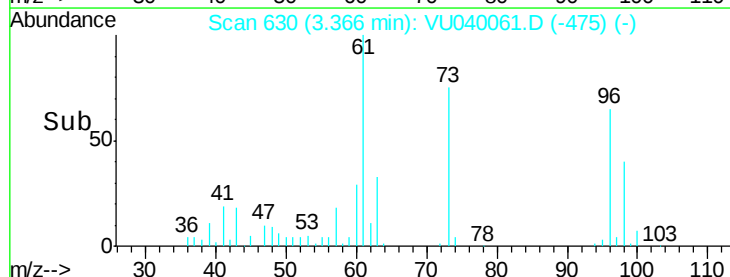
98 61.1 51.9 77.9

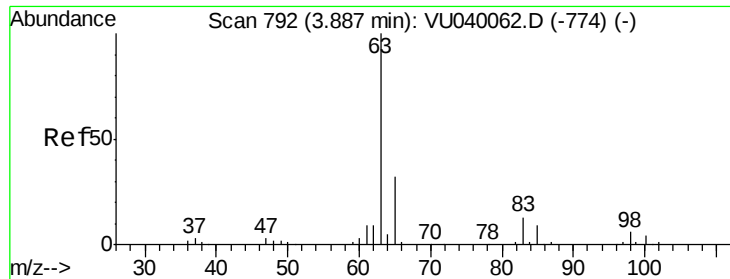


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

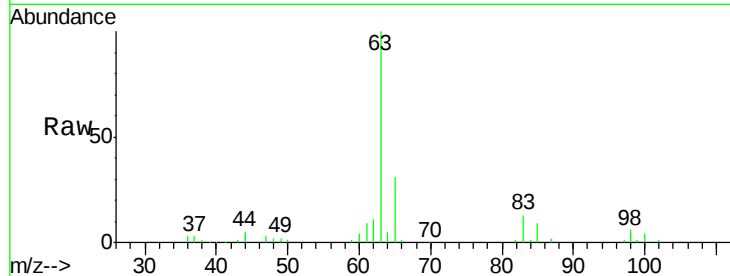




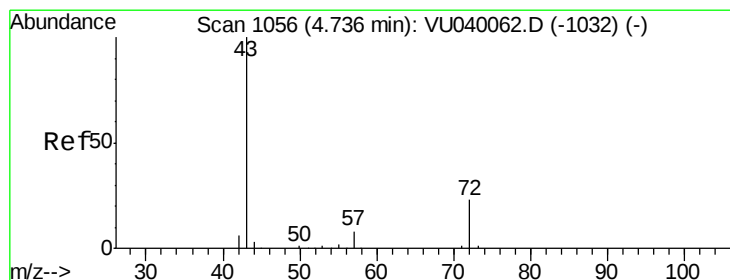
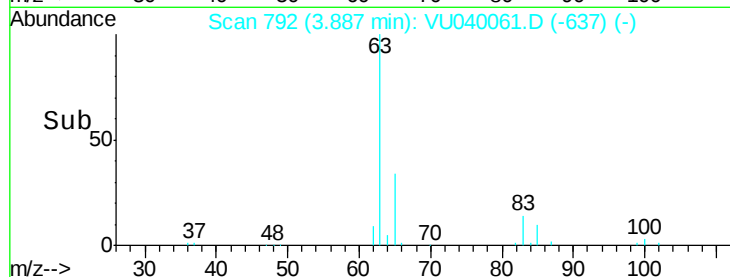
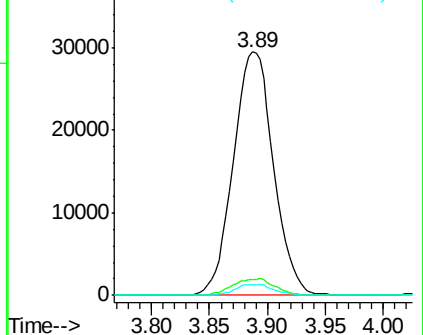
#17
 1,1-Dichloroethane
 Concen: 3.826 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 70969
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.4 2.0 5.8

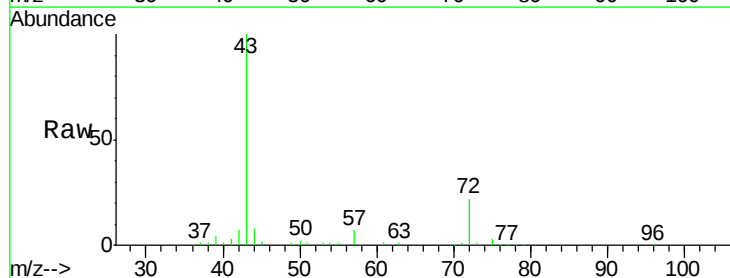


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

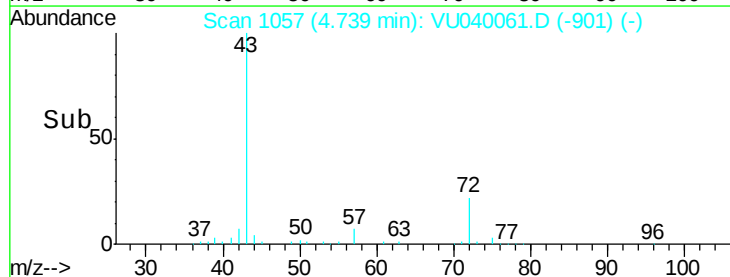
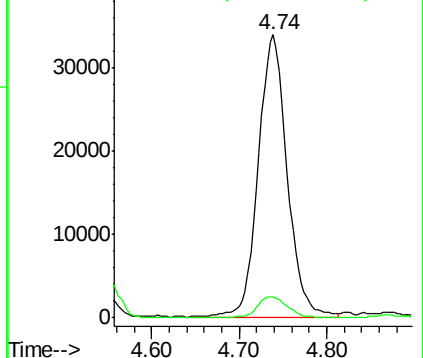


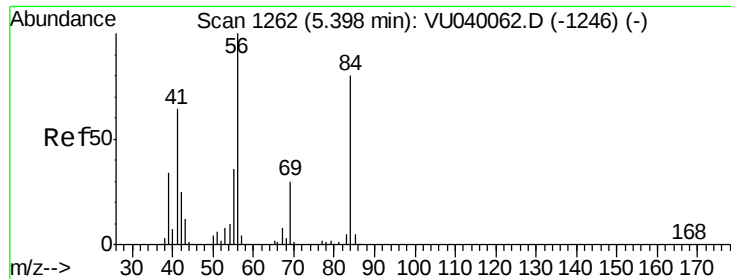
#18
 2-Butanone
 Concen: 18.837 ug/l
 RT: 4.74 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 43 Resp: 77386
 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

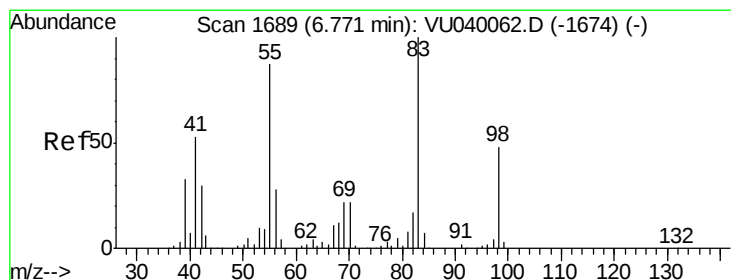
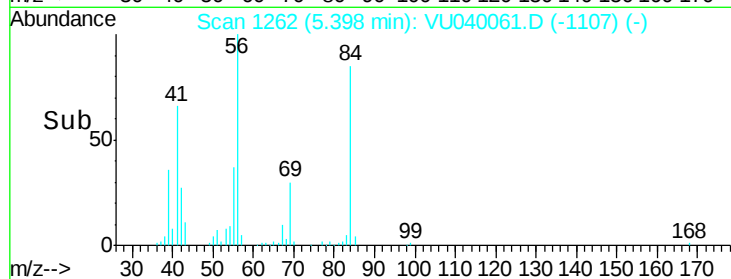
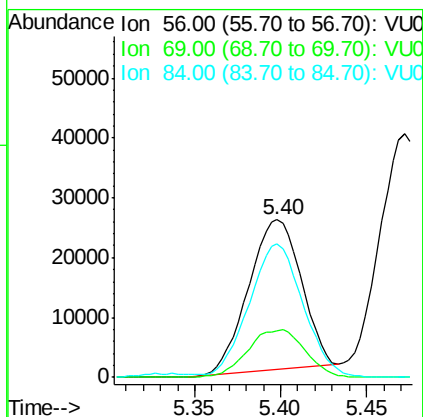
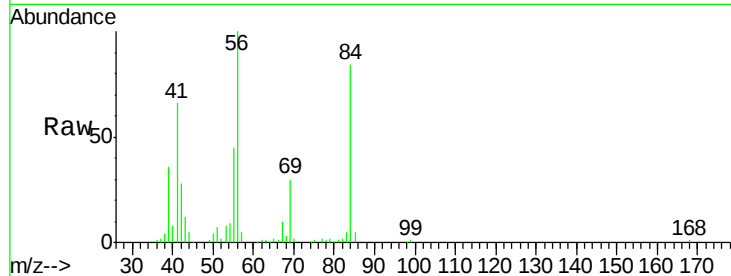




#19
Cyclohexane
Concen: 3.028 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

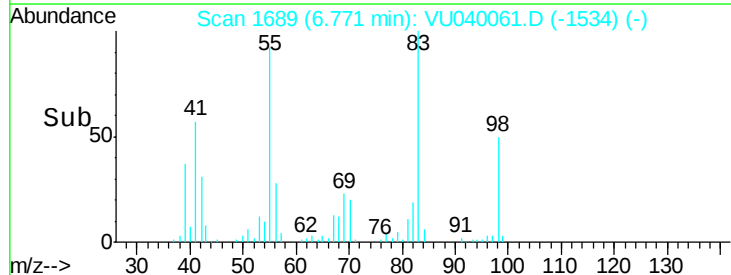
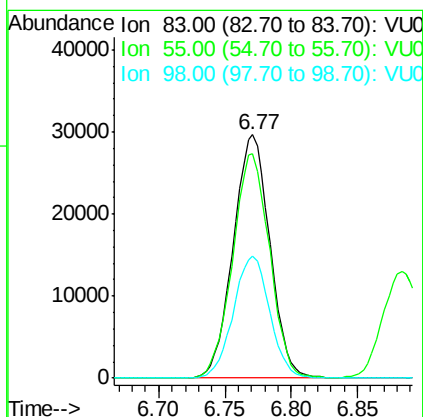
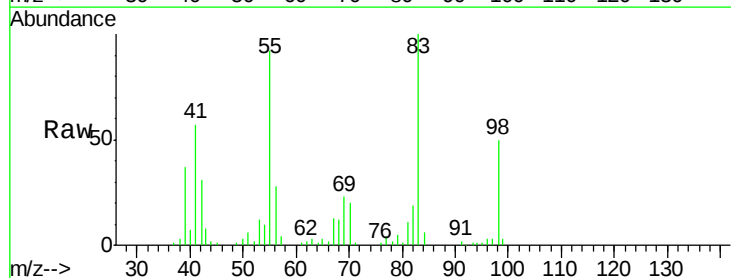
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

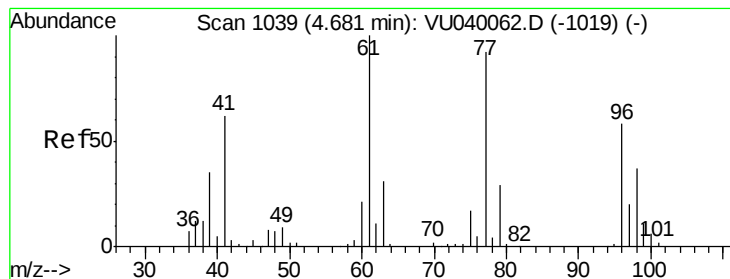
Tgt Ion: 56 Resp: 53671
Ion Ratio Lower Upper
56 100
69 34.2 23.5 35.3
84 88.2 63.8 95.6



#20
Methylcyclohexane
Concen: 4.249 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 83 Resp: 57009
Ion Ratio Lower Upper
83 100
55 92.6 69.4 104.2
98 49.7 37.5 56.3





#21

2,2-Dichloropropane

Concen: 4.322 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

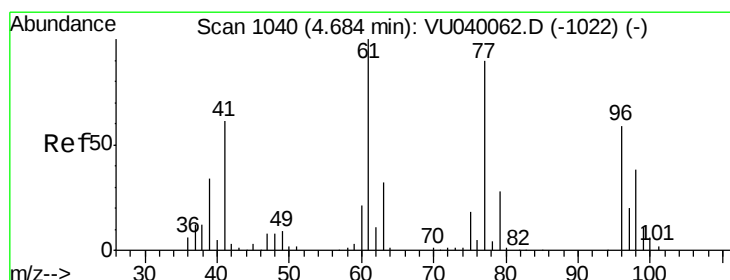
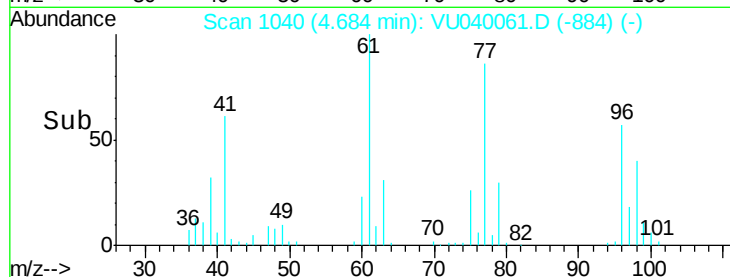
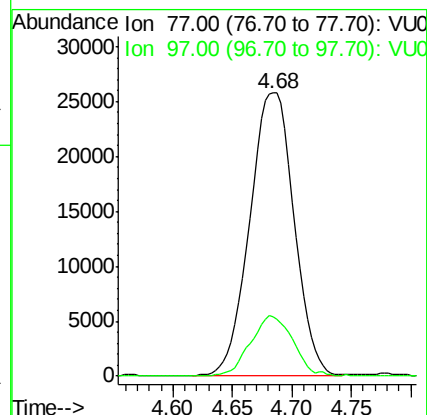
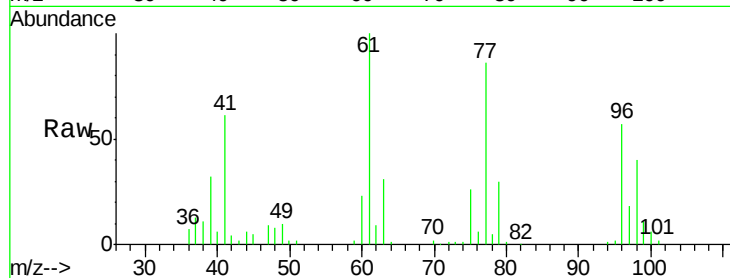
VSTDIC005

Tgt Ion: 77 Resp: 66654

Ion Ratio Lower Upper

77 100

97 20.3 16.4 24.6



#22

cis-1,2-Dichloroethene

Concen: 4.310 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

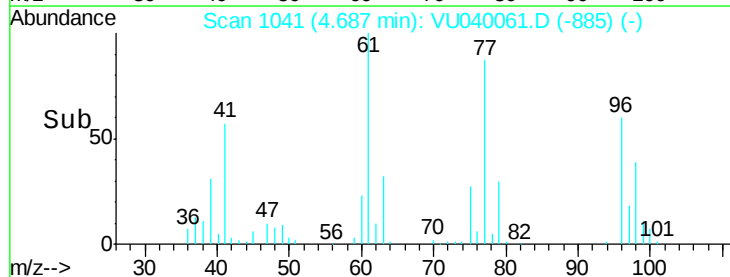
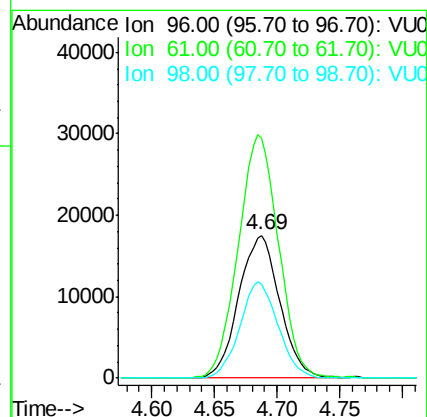
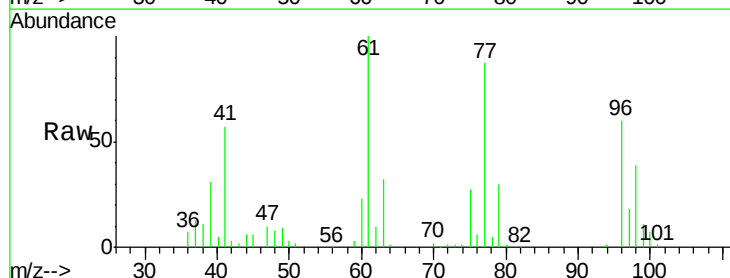
Tgt Ion: 96 Resp: 39780

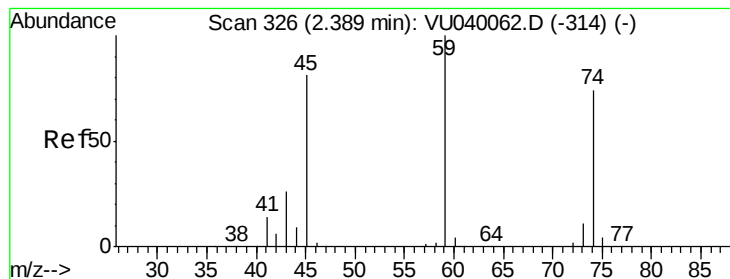
Ion Ratio Lower Upper

96 100

61 167.1 0.0 420.0

98 62.5 31.8 95.3





#23

Diethyl Ether

Concen: 3.877 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

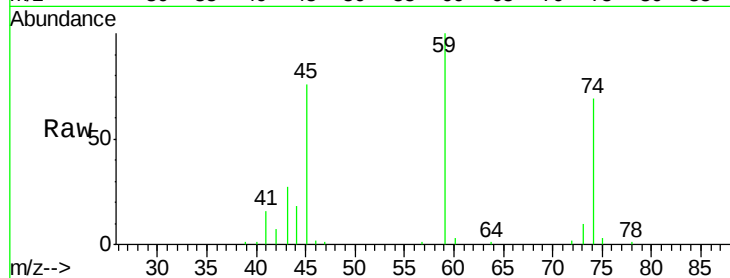
Tgt Ion: 59 Resp: 29464

Ion Ratio Lower Upper

59 100

45 77.5 62.4 93.6

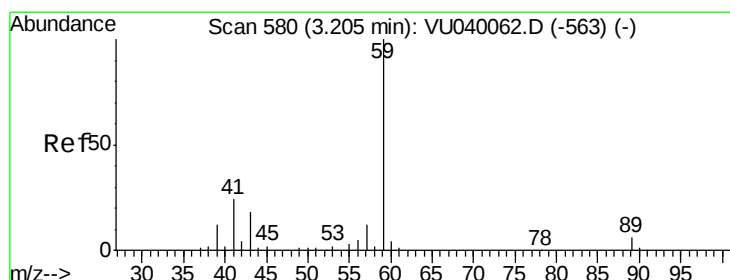
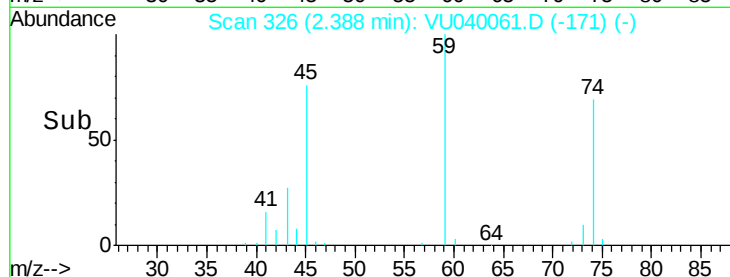
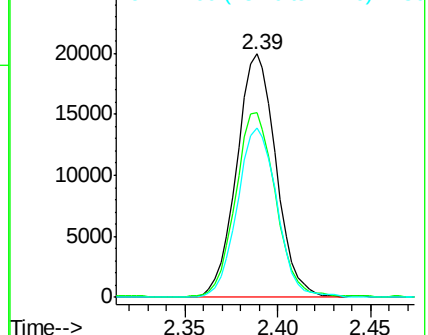
74 70.0 57.7 86.5



Abundance Ion 59.00 (58.70 to 59.70): VU040061.D (-171) (-)

Ion 45.00 (44.70 to 45.70): VU040061.D (-171) (-)

Ion 74.00 (73.70 to 74.70): VU040061.D (-171) (-)



#24

tert-Butyl Alcohol

Concen: 27.246 ug/l

RT: 3.21 min Scan# 581

Delta R.T. 0.00 min

Lab File: VU040061.D

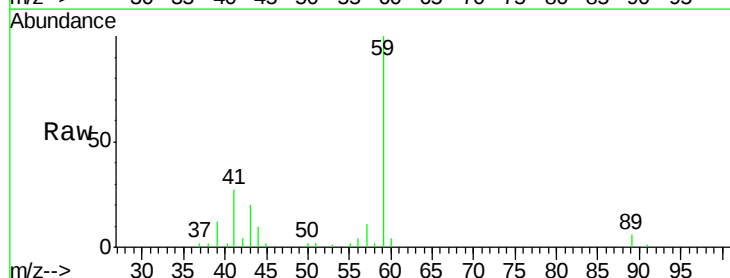
Acq: 09 Sep 2020 12:00

Tgt Ion: 59 Resp: 37619

Ion Ratio Lower Upper

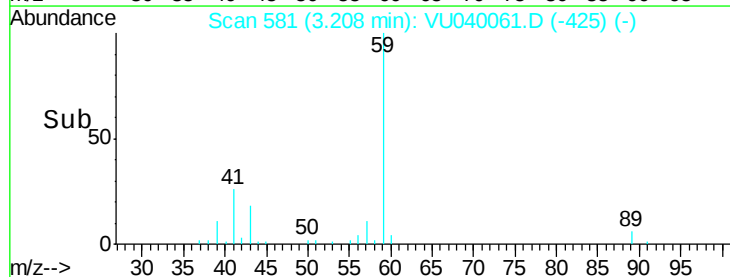
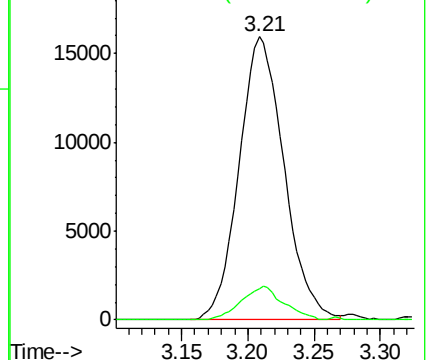
59 100

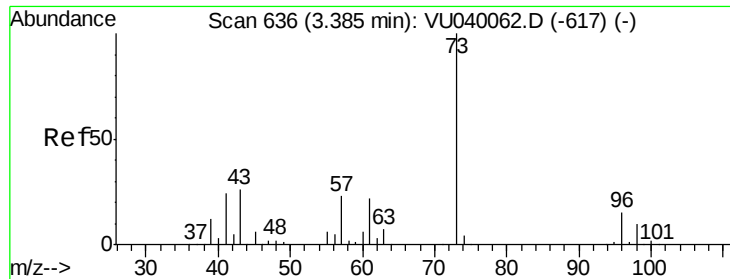
57 11.2 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VU040061.D (-425) (-)

Ion 57.00 (56.70 to 57.70): VU040061.D (-425) (-)

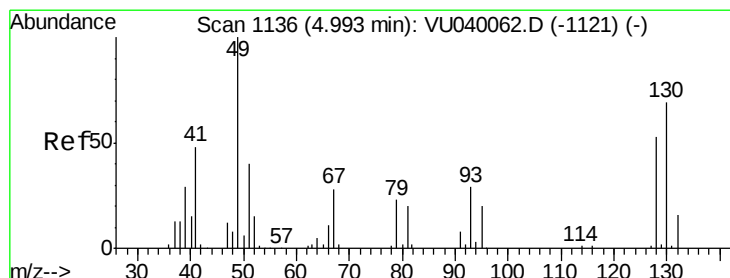
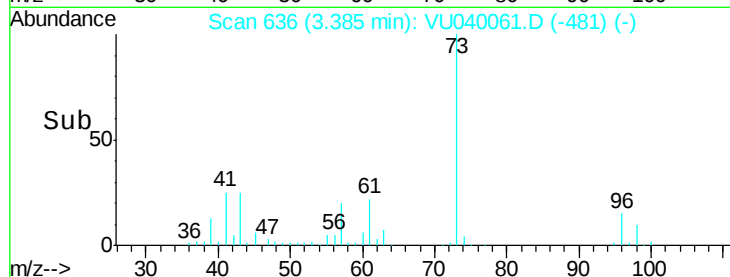
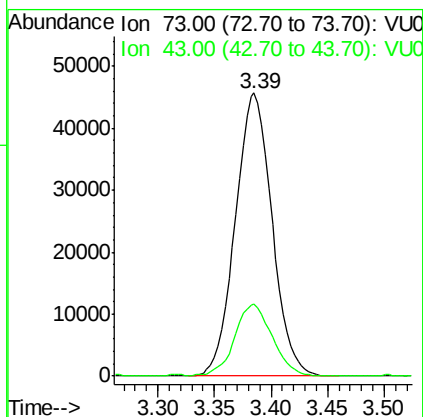
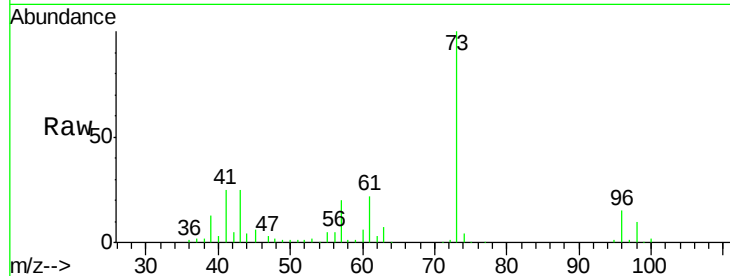




#25
Methyl tert-Butyl Ether
Concen: 4.212 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

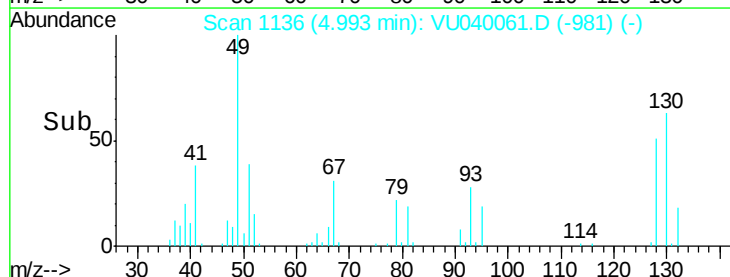
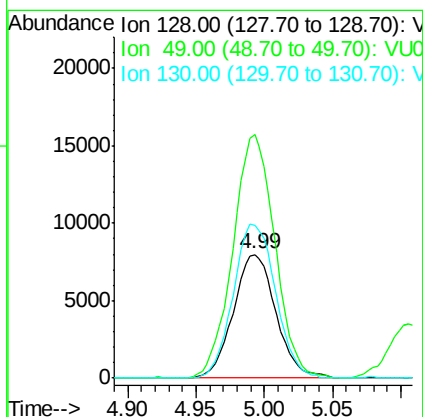
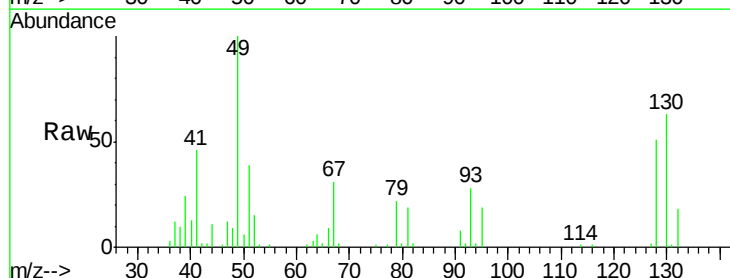
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

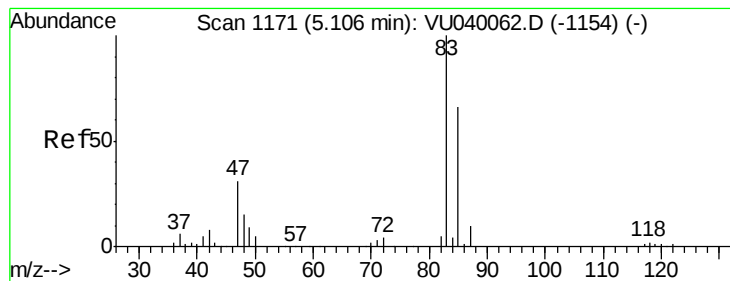
Tgt Ion: 73 Resp: 103233
Ion Ratio Lower Upper
73 100
43 26.0 20.0 30.0



#26
Bromochloromethane
Concen: 4.536 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 128 Resp: 17299
Ion Ratio Lower Upper
128 100
49 194.2 0.0 390.6
130 124.1 104.9 157.3





#27

Chloroform

Concen: 4.238 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

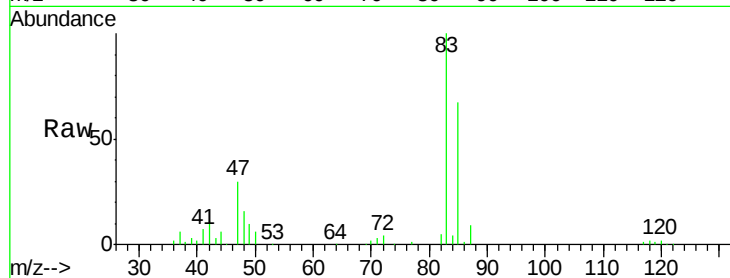
VSTDIC005

Tgt Ion: 83 Resp: 74595

Ion Ratio Lower Upper

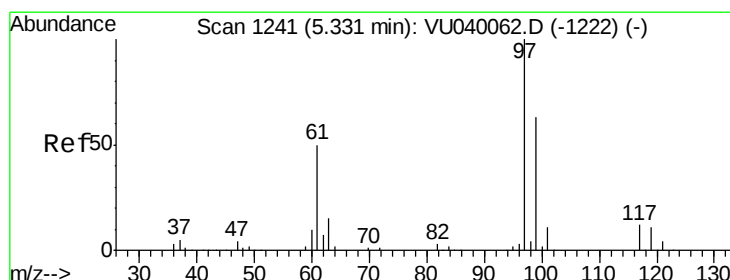
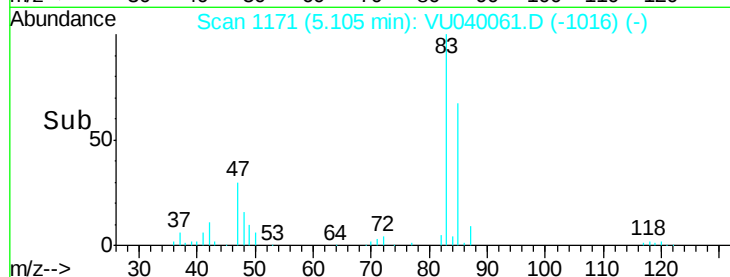
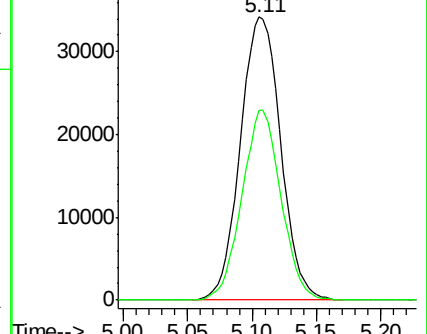
83 100

85 67.2 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: 4.511 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

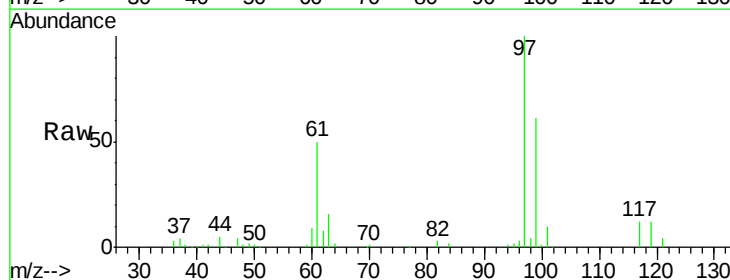
Tgt Ion: 97 Resp: 64971

Ion Ratio Lower Upper

97 100

99 62.0 31.8 95.4

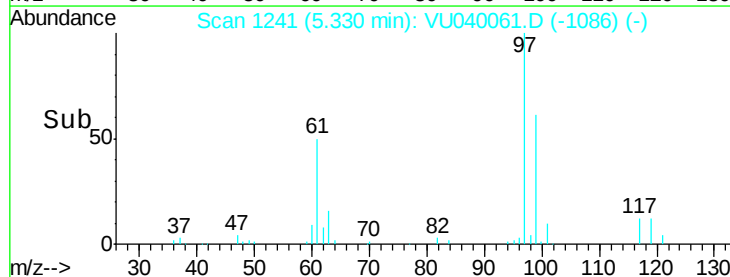
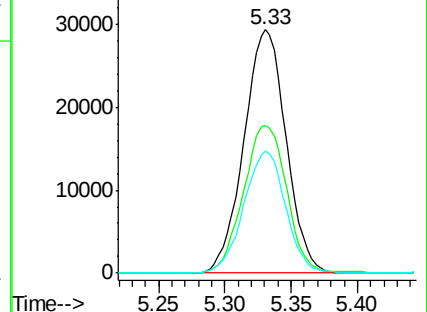
61 49.7 25.1 75.2

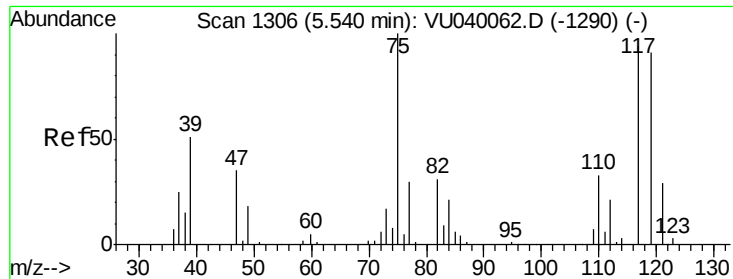


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

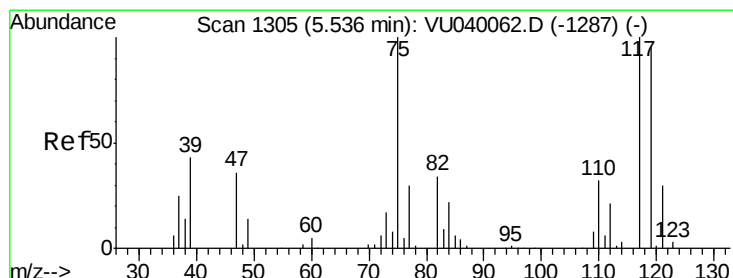
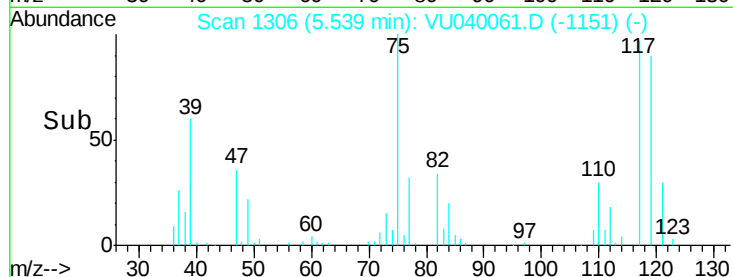
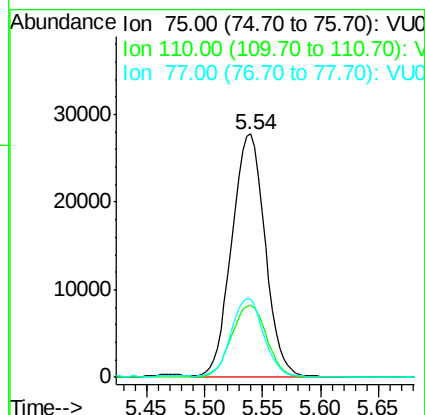
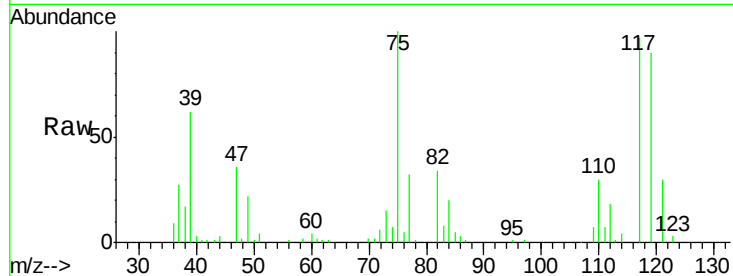




#29
 1,1-Dichloropropene
 Concen: 4.083 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

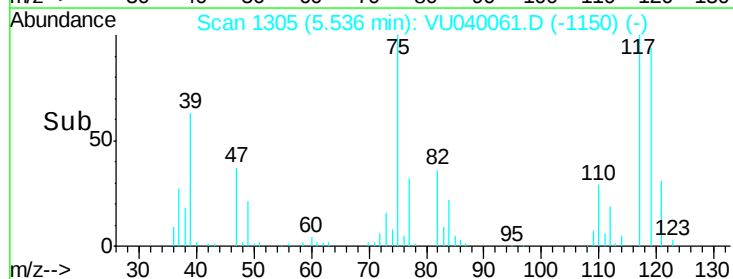
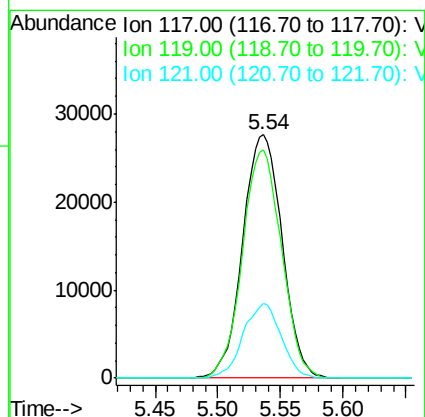
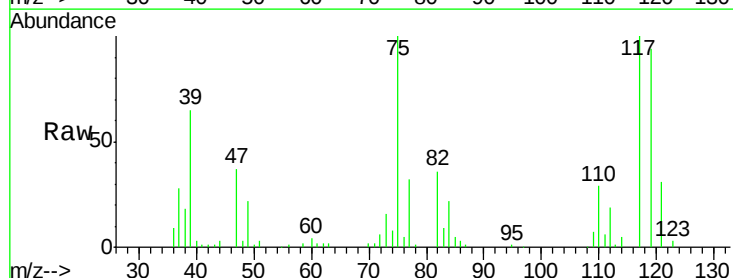
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

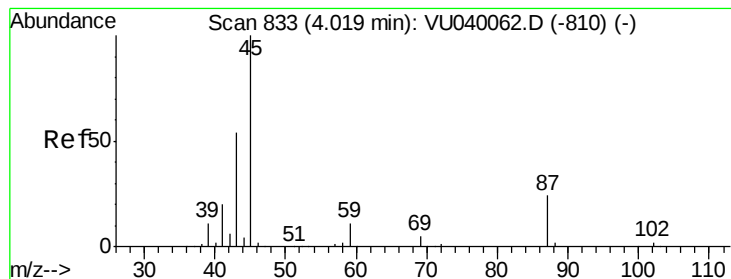
Tgt Ion: 75 Resp: 55746
 Ion Ratio Lower Upper
 75 100
 110 31.0 16.2 48.6
 77 31.8 25.3 37.9



#30
 Carbon Tetrachloride
 Concen: 5.049 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 117 Resp: 60436
 Ion Ratio Lower Upper
 117 100
 119 93.9 77.0 115.4
 121 30.8 24.2 36.4





#31

Isopropyl Ether

Concen: 3.678 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

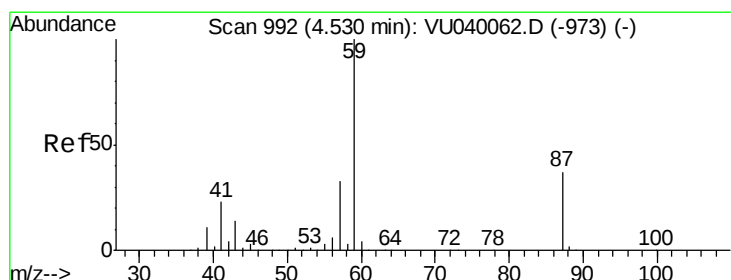
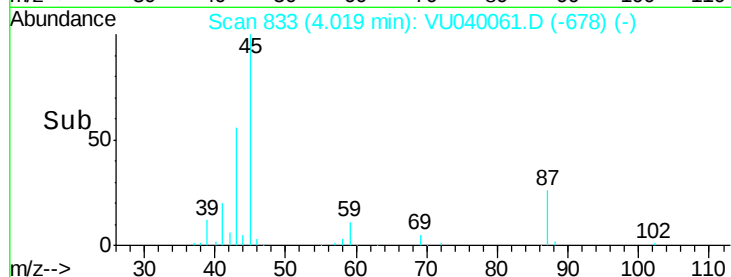
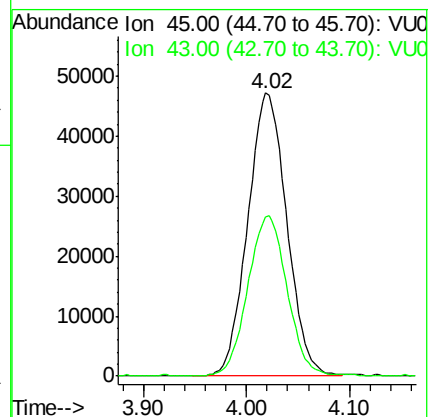
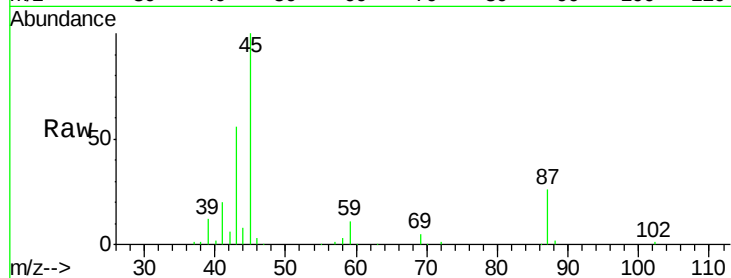
VSTDIC005

Tgt Ion: 45 Resp: 123941

Ion Ratio Lower Upper

45 100

43 57.0 27.9 83.7



#32

Ethyl-t-butyl ether

Concen: 4.032 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040061.D

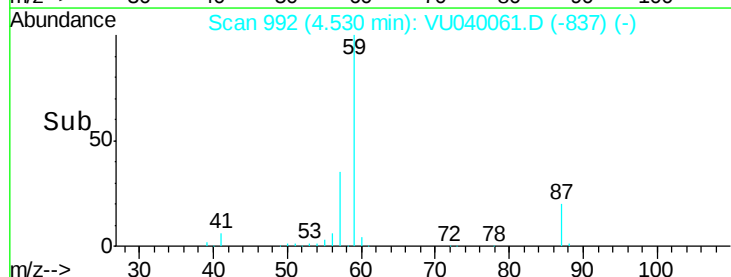
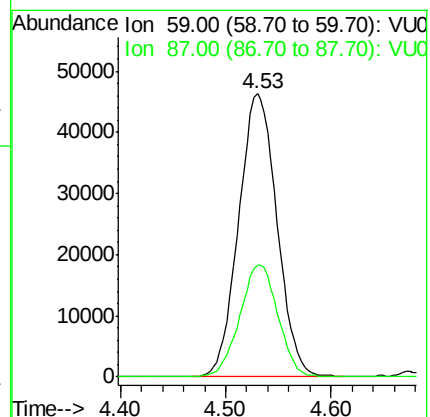
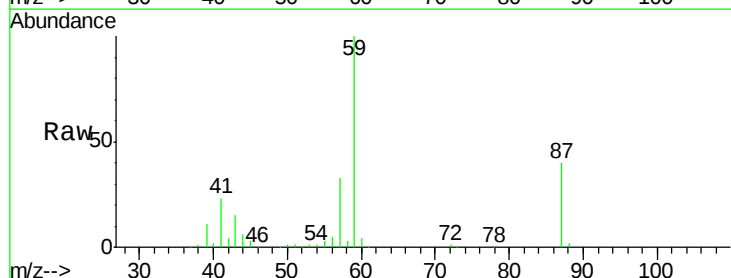
Acq: 09 Sep 2020 12:00

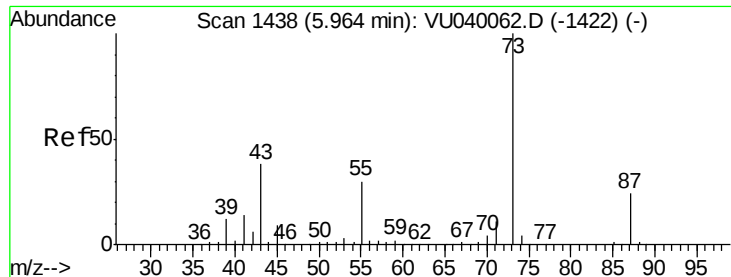
Tgt Ion: 59 Resp: 116716

Ion Ratio Lower Upper

59 100

87 39.3 30.7 46.1

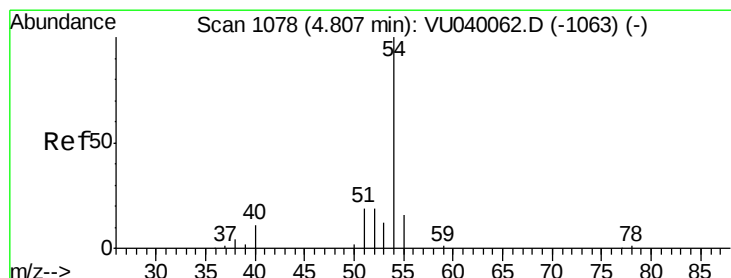
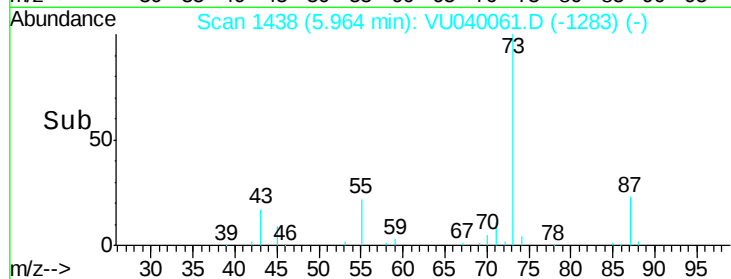
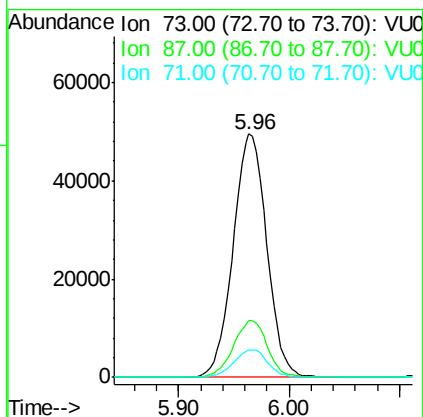
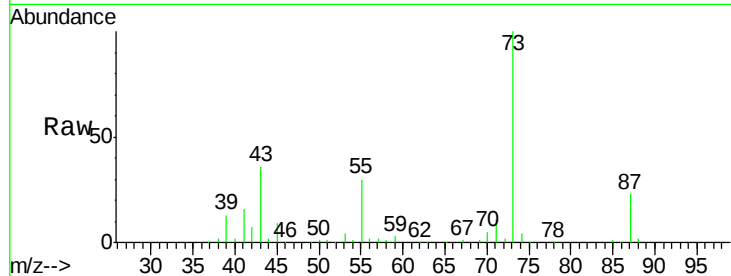




#33
Tert-Amyl methyl ether
Concen: 4.870 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

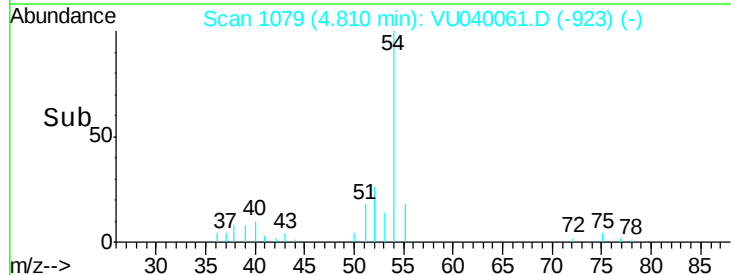
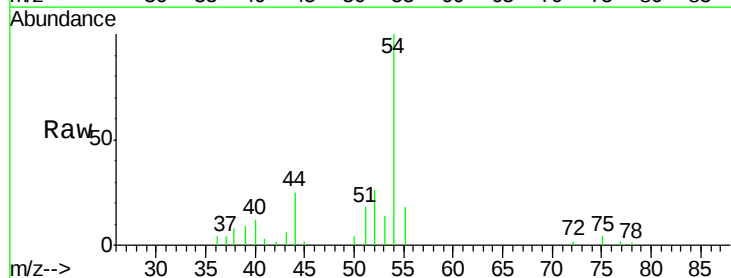
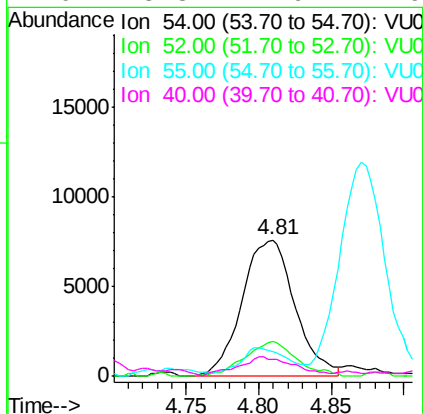
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

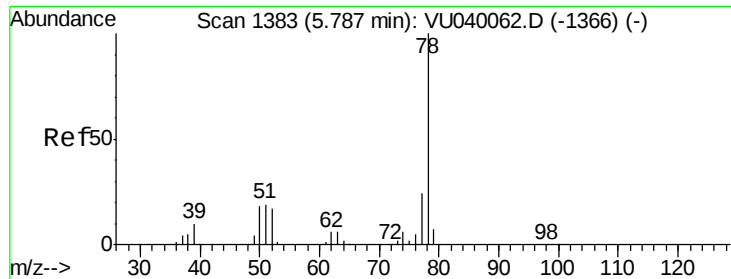
Tgt Ion: 73 Resp: 104490
Ion Ratio Lower Upper
73 100
87 23.5 19.4 29.0
71 11.4 9.2 13.8



#34
Propionitrile
Concen: 18.895 ug/l
RT: 4.81 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 54 Resp: 19195
Ion Ratio Lower Upper
54 100
52 24.7 16.2 24.4#
55 15.4 12.6 18.8
40 15.3 7.9 11.9#

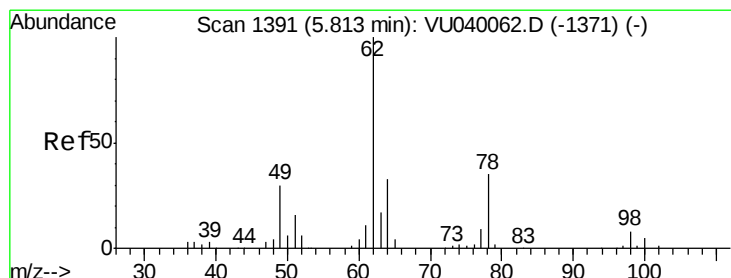
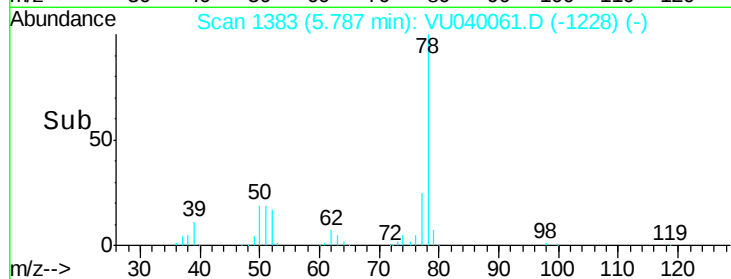
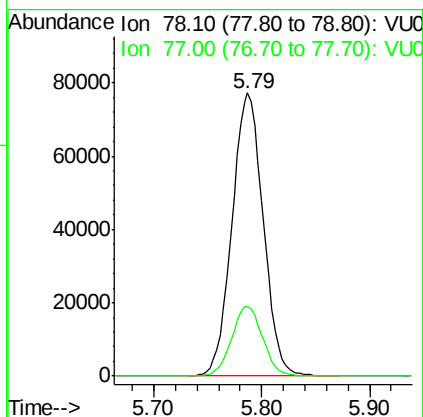
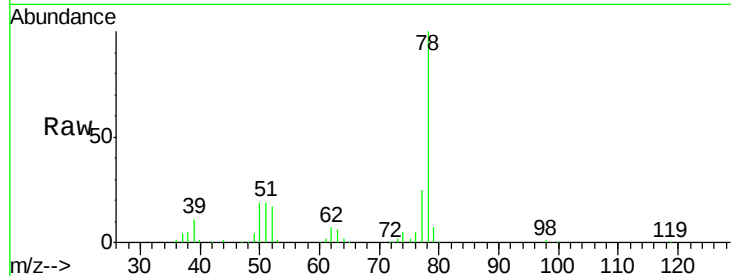




#35
Benzene
Concen: 4.524 ug/l
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

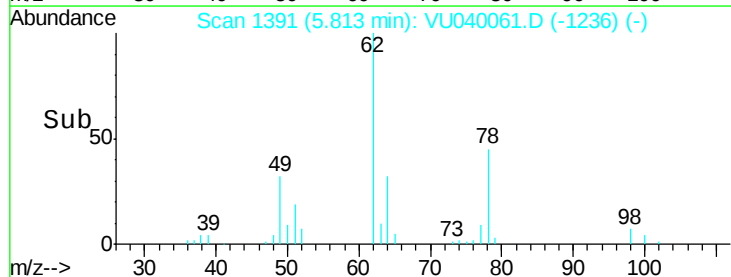
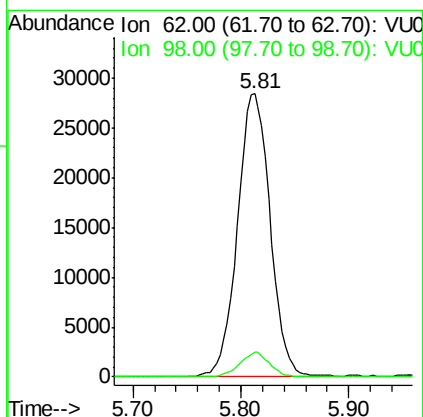
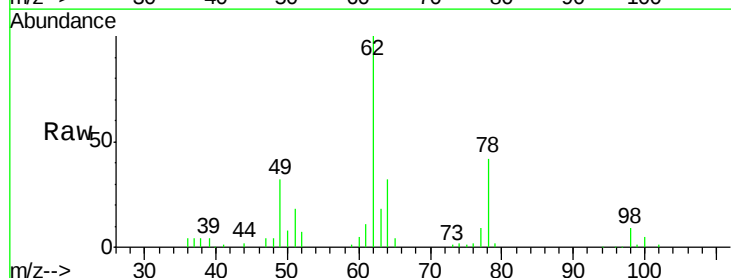
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

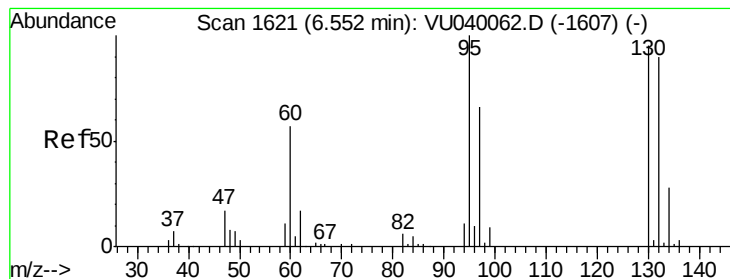
Tgt Ion: 78 Resp: 155608
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7



#36
1,2-Dichloroethane
Concen: 4.639 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 62 Resp: 60002
Ion Ratio Lower Upper
62 100
98 7.9 6.5 9.7





#37

Trichloroethene

Concen: 4.929 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

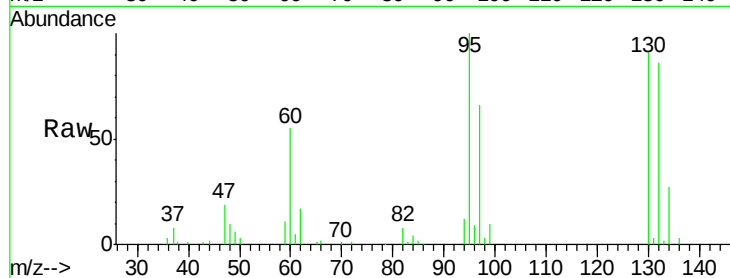
VSTDIC005

Tgt Ion:130 Resp: 39216

Ion Ratio Lower Upper

130 100

95 109.6 84.2 126.2



Abundance Ion 129.90 (129.60 to 130.60): VU040062.D (-1607) (-)

Ion 94.90 (94.60 to 95.60): VU040062.D (-1607) (-)

6.55

25000

20000

15000

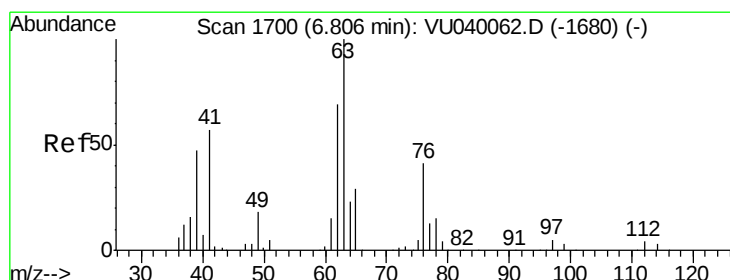
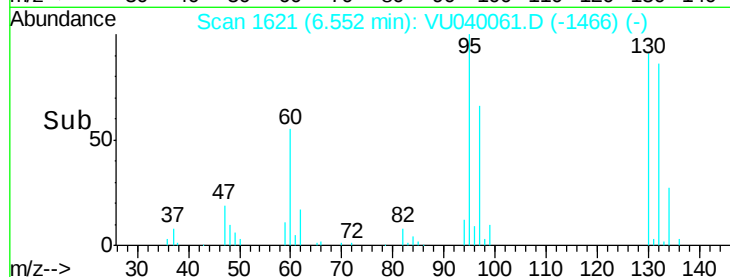
10000

5000

0

6.50 6.55 6.60

Time-->



#38

1,2-Dichloropropane

Concen: 4.722 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU040061.D

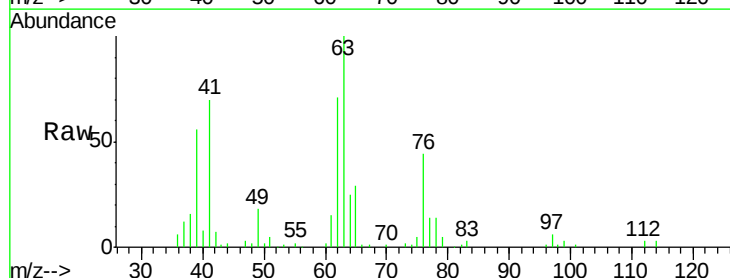
Acq: 09 Sep 2020 12:00

Tgt Ion: 63 Resp: 44659

Ion Ratio Lower Upper

63 100

65 28.7 23.0 34.6



Abundance Ion 63.00 (62.70 to 63.70): VU040062.D (-1680) (-)

Ion 65.00 (64.70 to 65.70): VU040062.D (-1680) (-)

6.81

25000

20000

15000

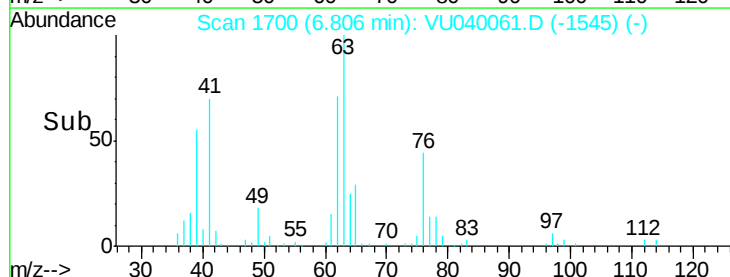
10000

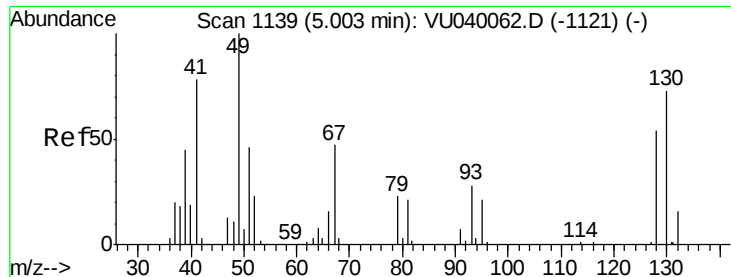
5000

0

6.70 6.75 6.80 6.85 6.90

Time-->

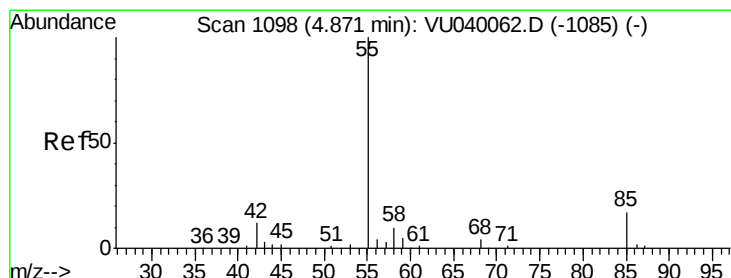
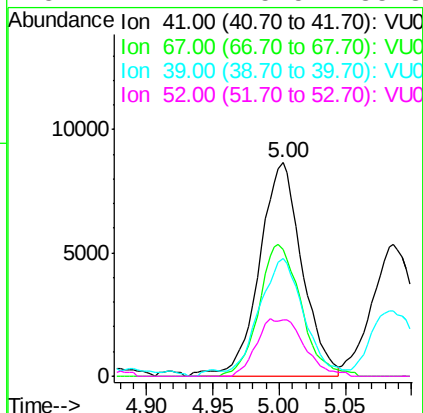
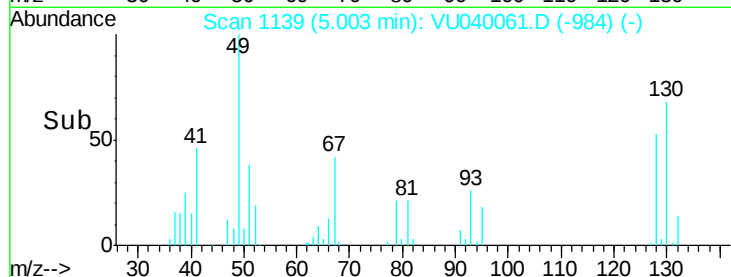
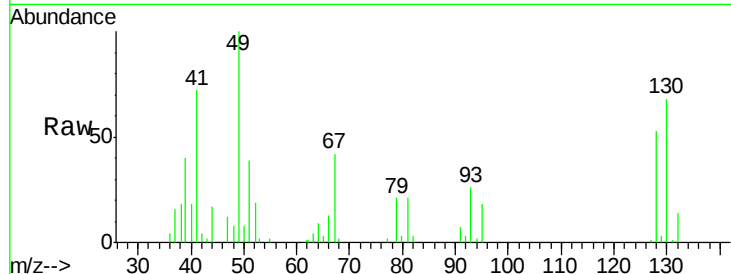




#39
Methacrylonitrile
Concen: 3.598 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

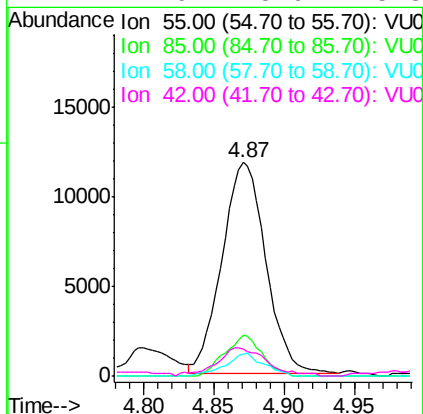
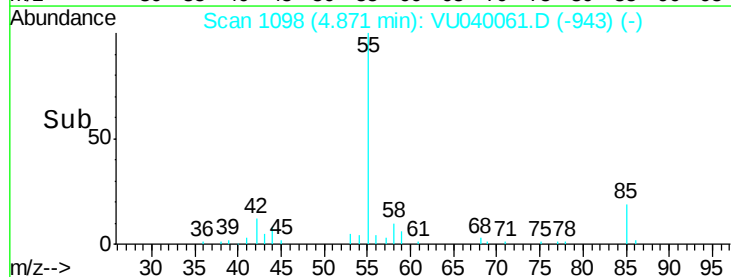
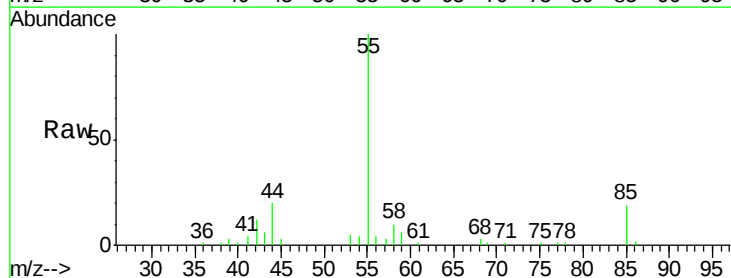
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

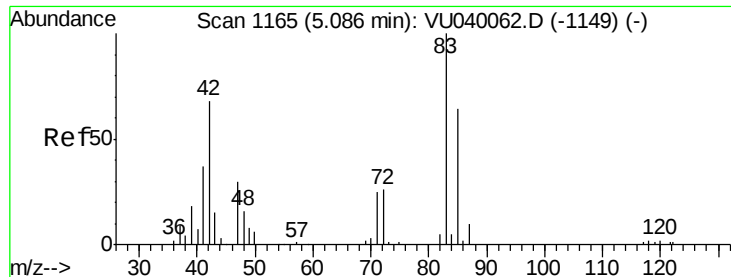
Tgt Ion:	41	Resp:	19414
Ion	Ratio	Lower	Upper
41	100		
67	60.8	49.2	73.8
39	52.8	46.5	69.7
52	14.4	25.5	38.3#



#40
Methyl acrylate
Concen: 3.686 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion:	55	Resp:	25428
Ion	Ratio	Lower	Upper
55	100		
85	16.5	13.3	19.9
58	9.5	7.5	11.3
42	14.9	8.9	13.3#

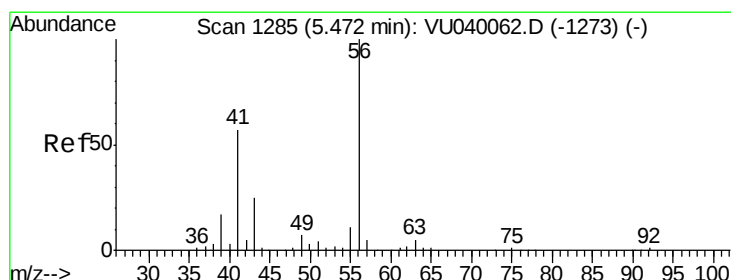
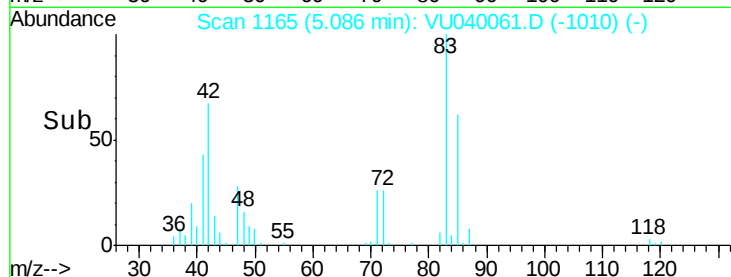
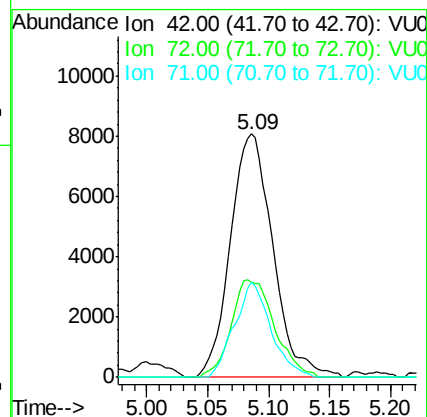
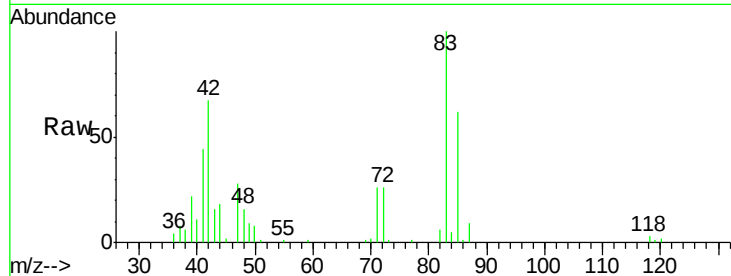




#41
Tetrahydrofuran
Concen: 7.282 ug/l
RT: 5.09 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

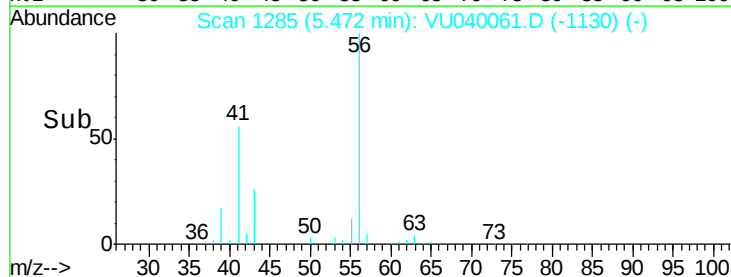
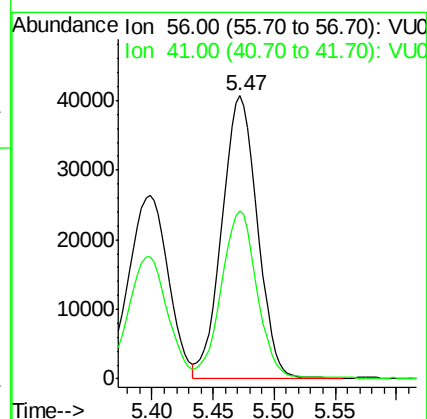
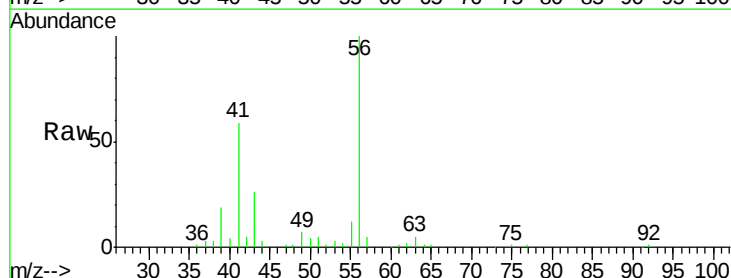
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

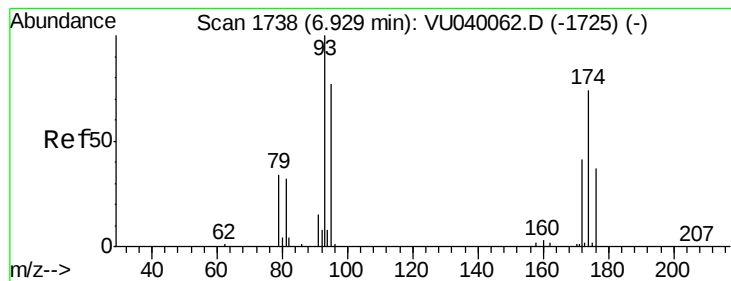
Tgt Ion: 42 Resp: 19588
Ion Ratio Lower Upper
42 100
72 40.5 33.8 50.6
71 33.4 30.9 46.3



#42
1-Chlorobutane
Concen: 3.909 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 56 Resp: 83224
Ion Ratio Lower Upper
56 100
41 58.4 29.2 87.6





#43

Dibromomethane

Concen: 4.962 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

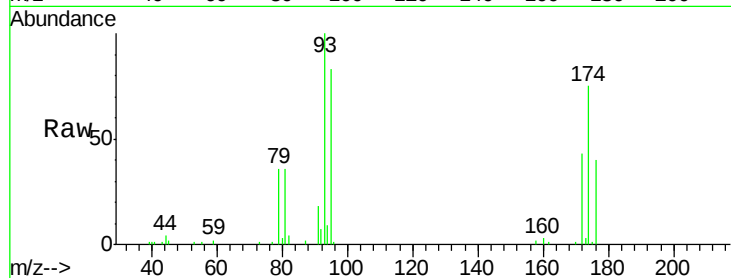
Tgt Ion: 93 Resp: 25622

Ion Ratio Lower Upper

93 100

95 80.6 63.3 94.9

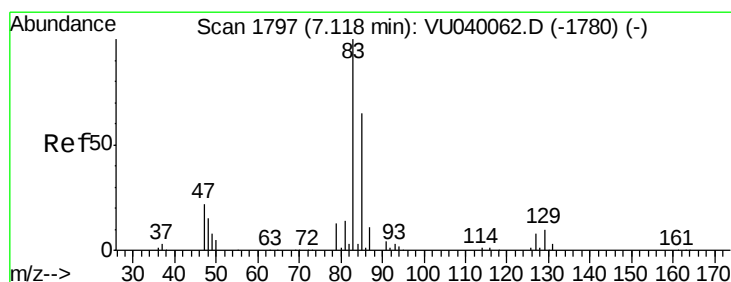
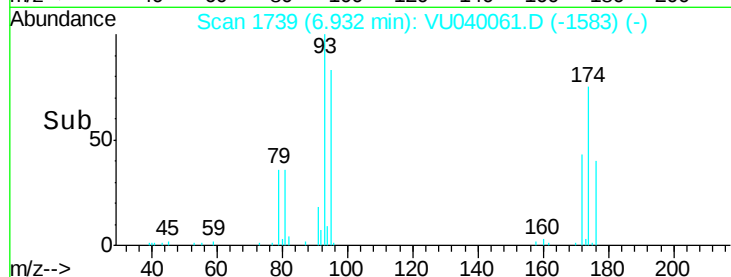
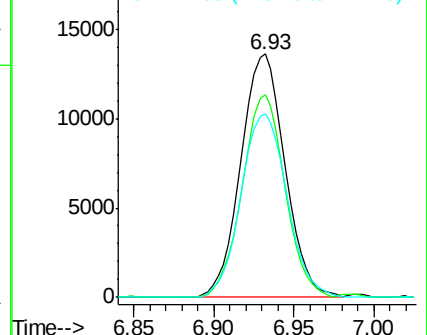
174 78.5 63.5 95.3



Abundance Ion 93.00 (92.70 to 93.70): VU040061.D (-1583) (-)

Ion 95.00 (94.70 to 95.70): VU040061.D (-1583) (-)

Ion 174.00 (173.70 to 174.70): VU040061.D (-1583) (-)



#44

Bromodichloromethane

Concen: 5.220 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

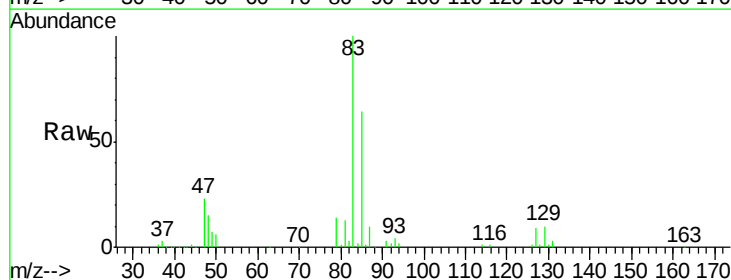
Tgt Ion: 83 Resp: 61688

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1

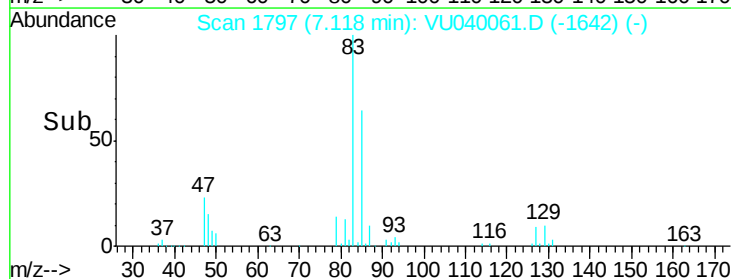
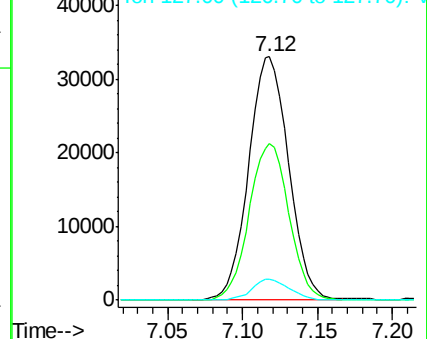
127 8.5 6.6 9.8

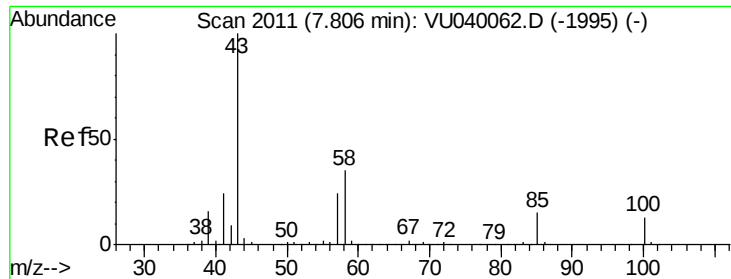


Abundance Ion 83.00 (82.70 to 83.70): VU040061.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU040061.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU040061.D (-1642) (-)

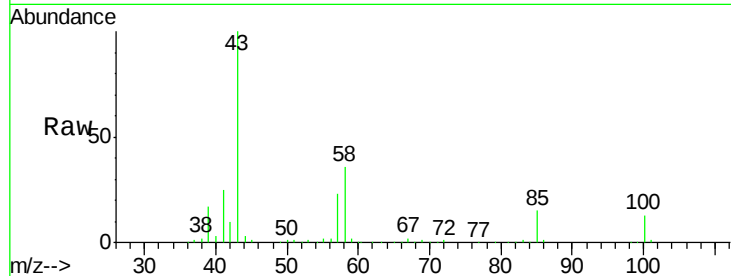




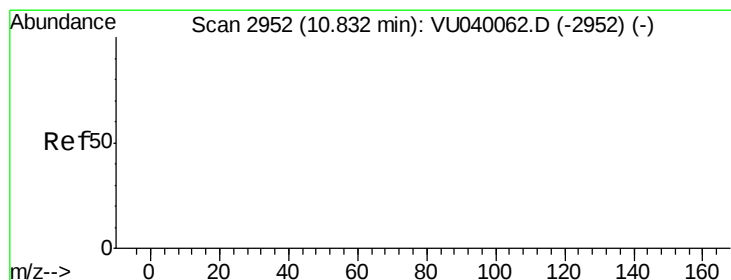
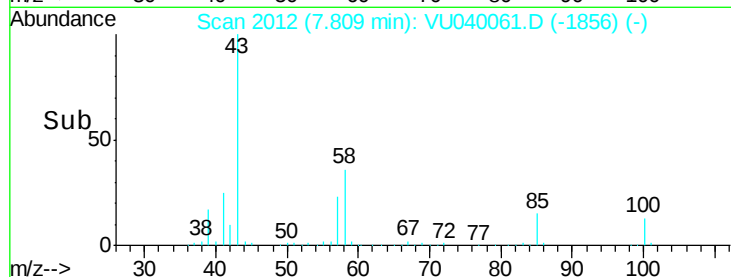
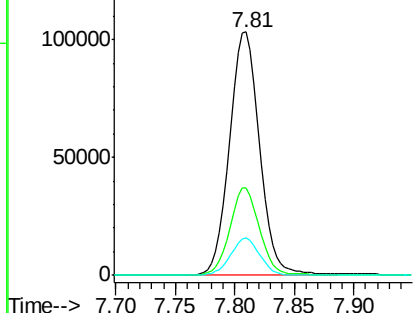
#45
4-Methyl-2-Pentanone
Concen: 23.645 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 181844
Ion Ratio Lower Upper
43 100
58 35.5 18.1 54.3
85 15.0 12.3 18.5

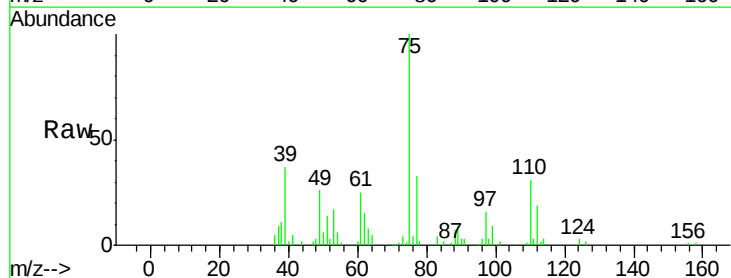


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

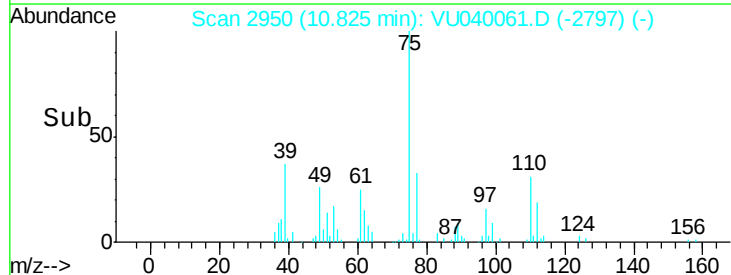
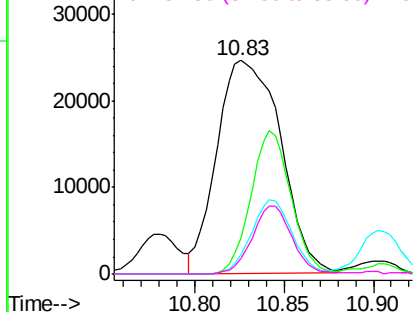


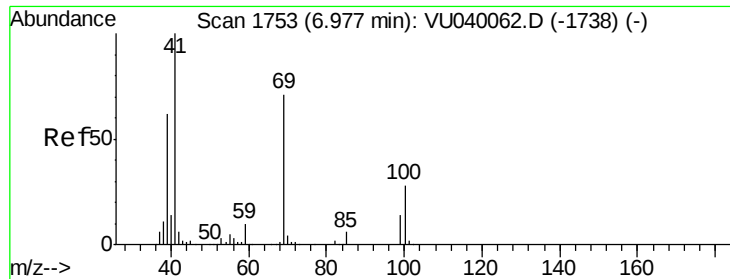
#46
t-1,4-Dichloro-2-butene
Concen: 25.077 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 75 Resp: 61141
Ion Ratio Lower Upper
75 100
53 42.4 75.0 112.6#
89 22.4 41.6 62.4#
88 20.2 36.6 54.8#



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

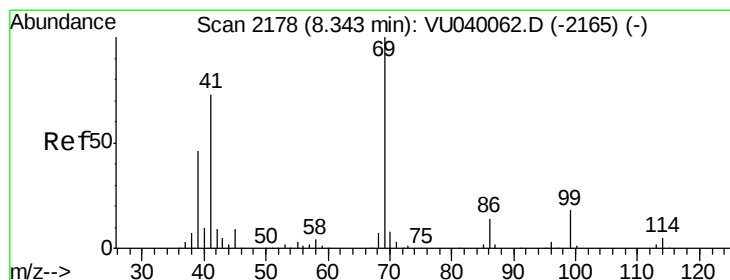
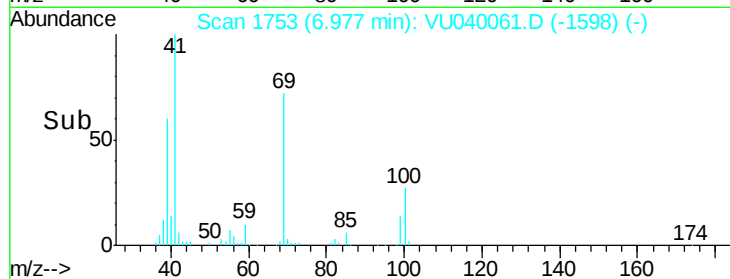
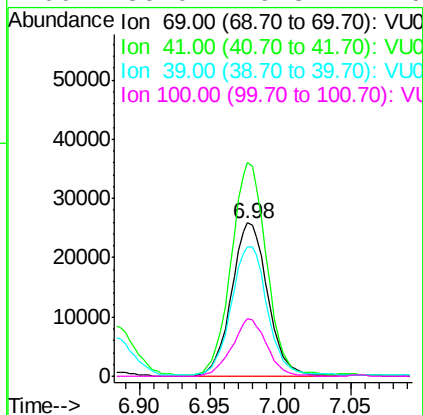
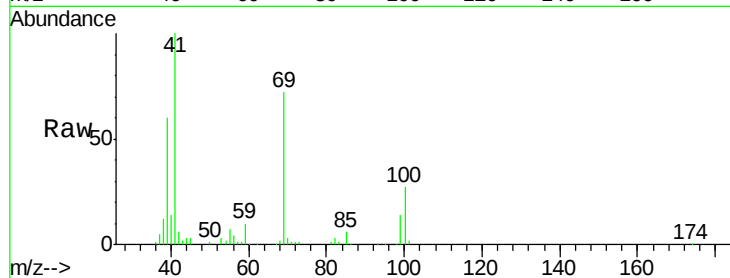




#47
Methyl methacrylate
Concen: 9.763 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

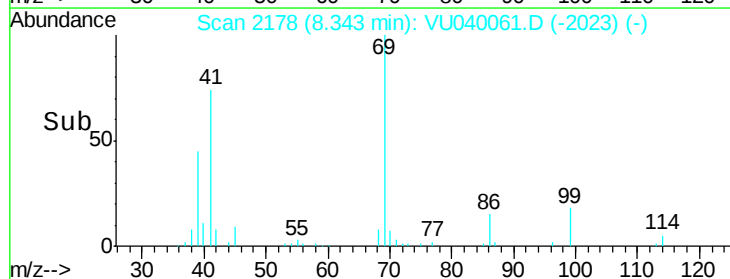
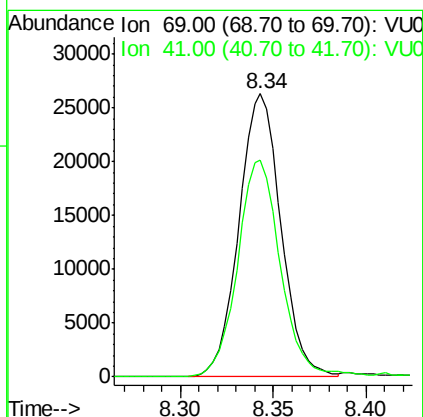
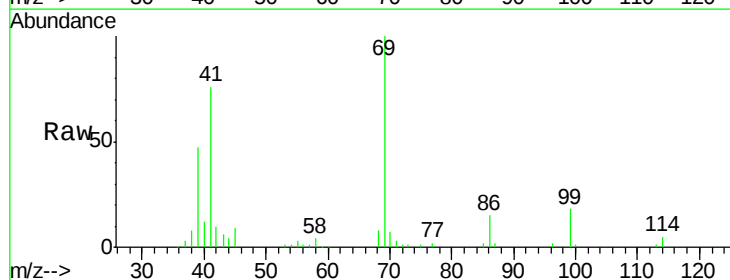
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

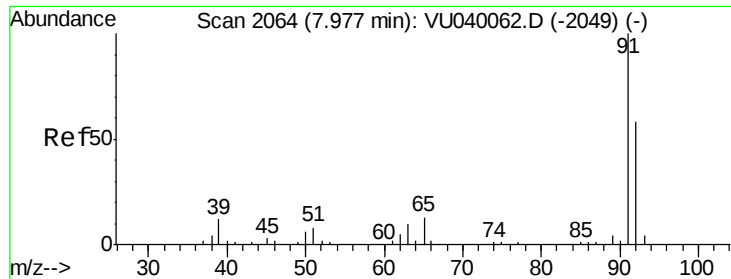
Tgt Ion: 69 Resp: 46324
Ion Ratio Lower Upper
69 100
41 134.3 0.0 273.0
39 83.5 67.8 101.6
100 36.0 29.8 44.6



#48
Ethyl methacrylate
Concen: 4.730 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 69 Resp: 41299
Ion Ratio Lower Upper
69 100
41 78.3 37.8 113.3





#49

Toluene

Concen: 4.747 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampled :

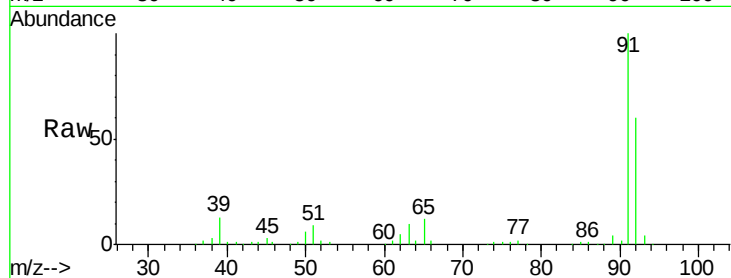
VSTDIC005

Tgt Ion: 92 Resp: 96491

Ion Ratio Lower Upper

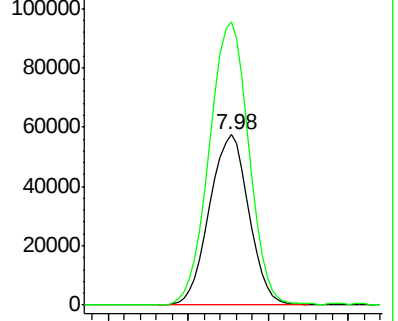
92 100

91 166.7 138.6 207.8

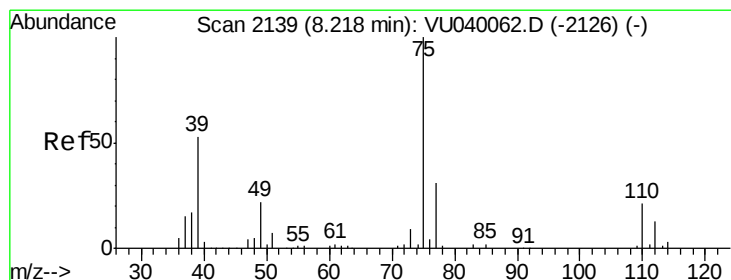
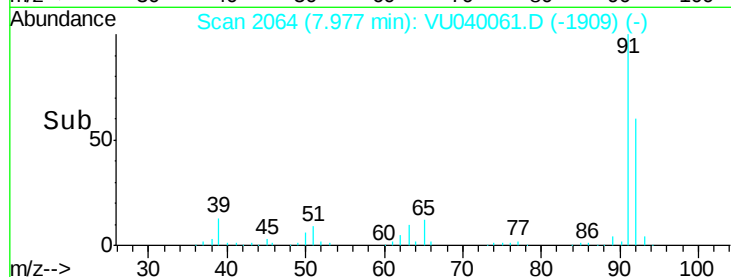


Abundance Ion 92.00 (91.70 to 92.70): VU040062.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU040062.D (-2049) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 5.339 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040061.D

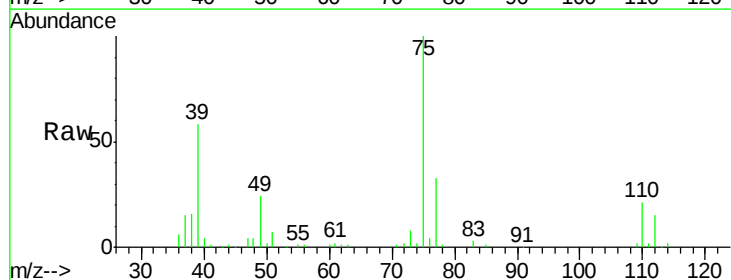
Acq: 09 Sep 2020 12:00

Tgt Ion: 75 Resp: 56814

Ion Ratio Lower Upper

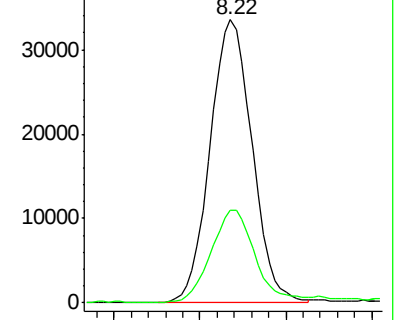
75 100

77 32.8 24.4 36.6

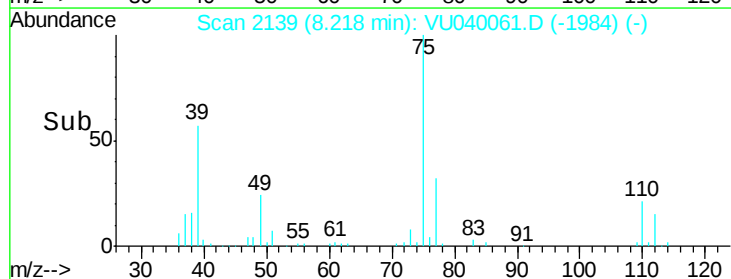


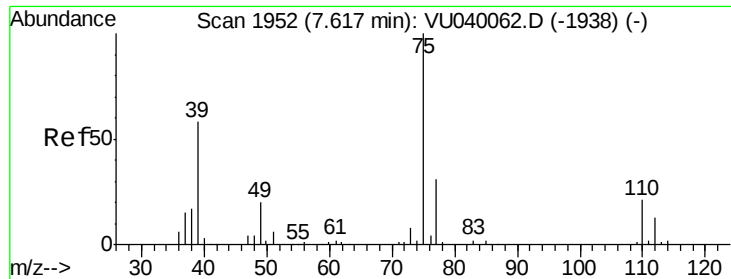
Abundance Ion 75.00 (74.70 to 75.70): VU040062.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU040062.D (-2126) (-)



Time-->



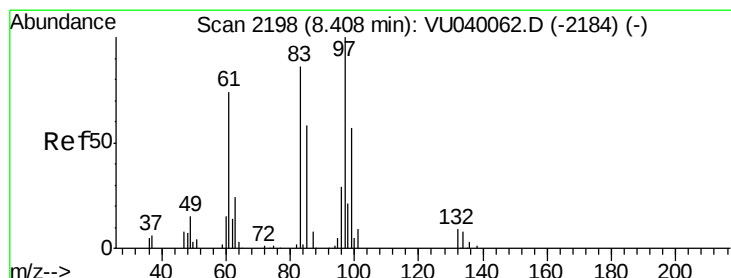
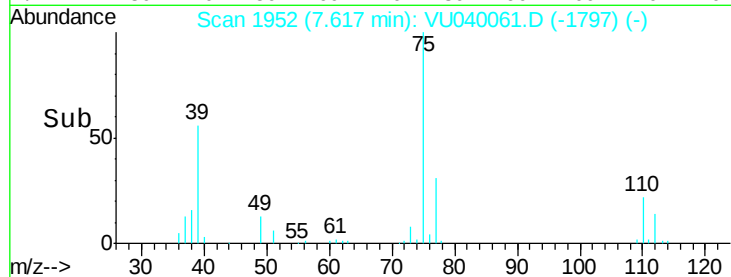
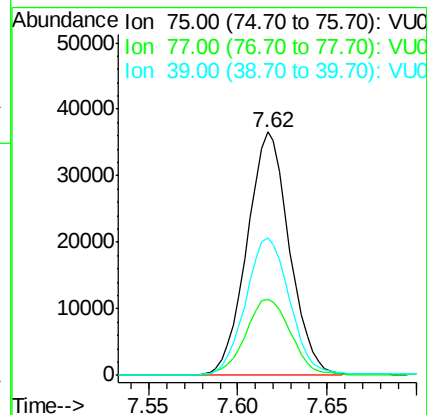
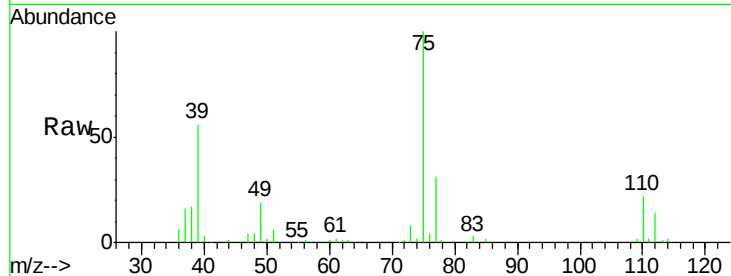


#51

cis-1,3-Dichloropropene
 Concen: 4.875 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

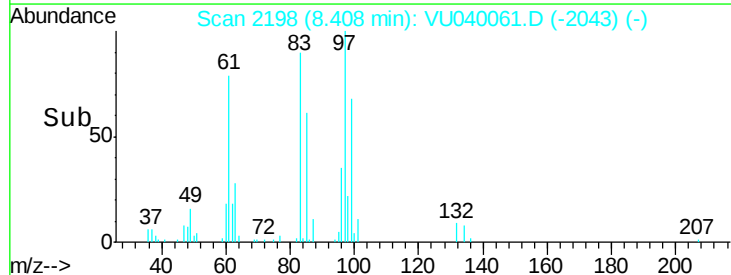
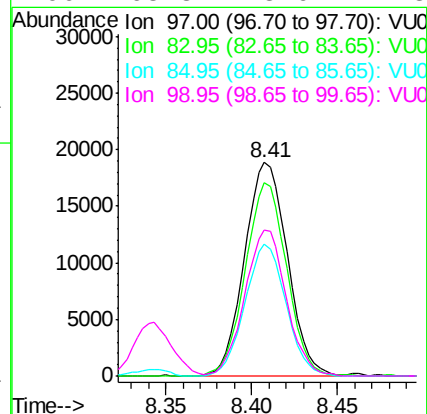
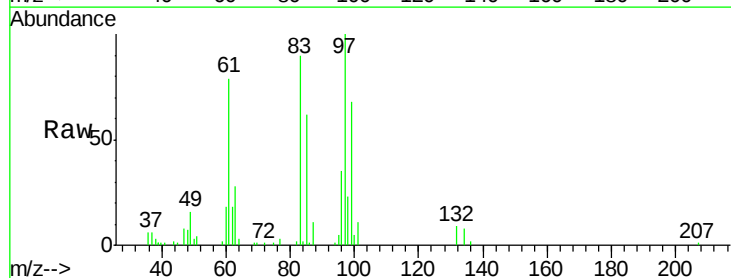
Tgt Ion: 75 Resp: 60726
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 56.3 46.2 69.4

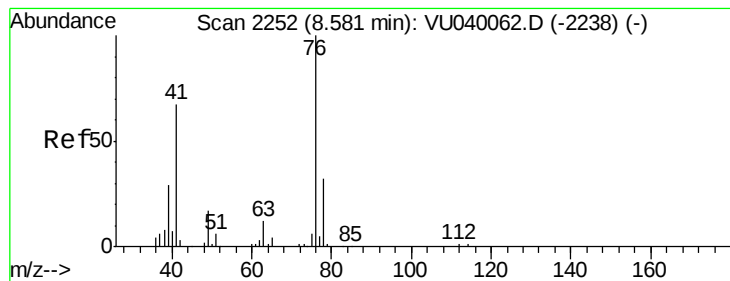


#52

1,1,2-Trichloroethane
 Concen: 4.883 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 97 Resp: 32675
 Ion Ratio Lower Upper
 97 100
 83 90.4 68.7 103.1
 85 61.6 46.7 70.1
 99 68.3 48.6 72.8





#53

1,3-Dichloropropane

Concen: 4.616 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

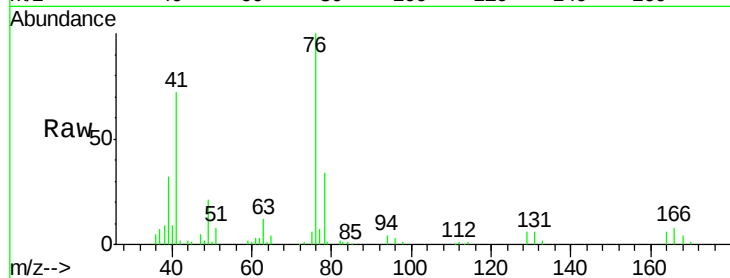
VSTDIC005

Tgt Ion: 76 Resp: 58800

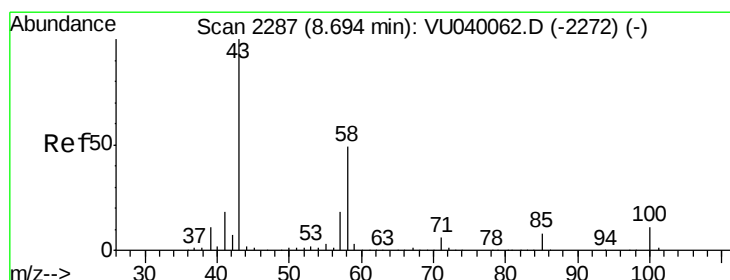
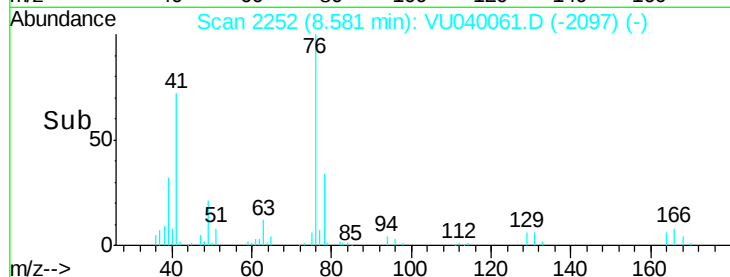
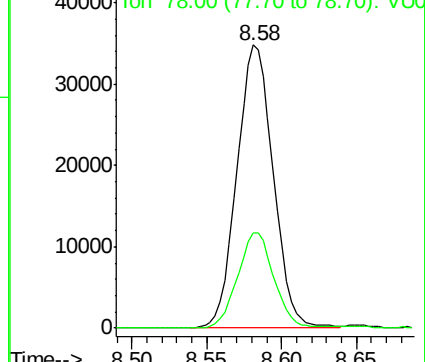
Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.2



Abundance Ion 76.00 (75.70 to 76.70): VU040061.D (-2097) (-)



#54

2-Hexanone

Concen: 24.272 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

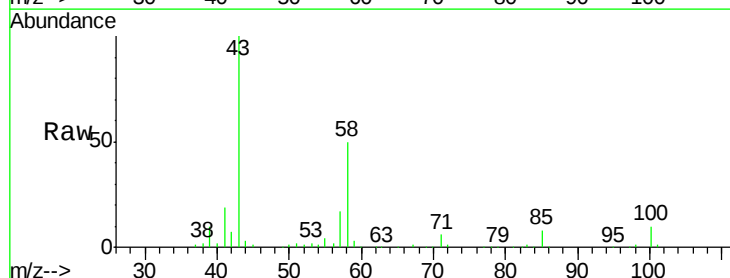
Tgt Ion: 43 Resp: 133729

Ion Ratio Lower Upper

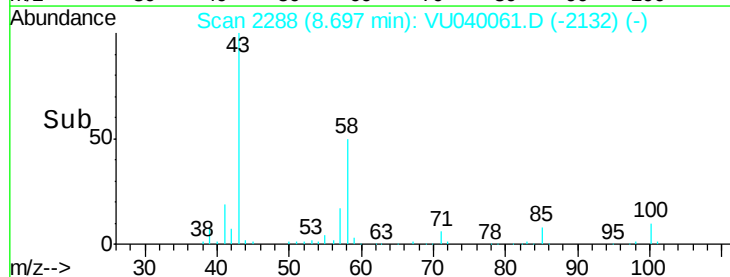
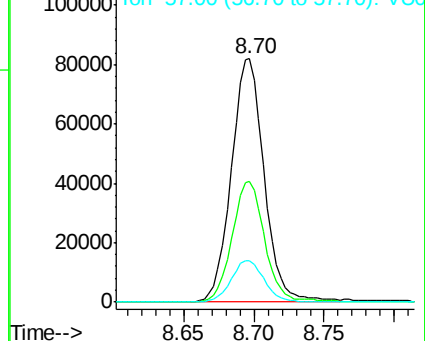
43 100

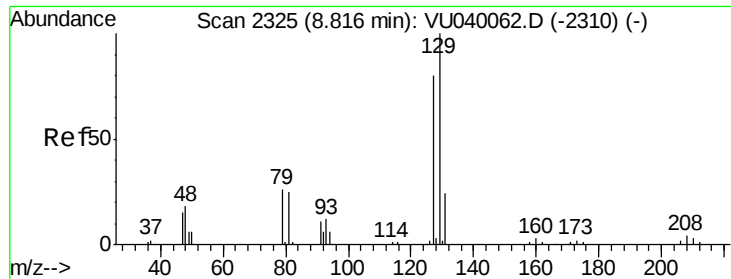
58 49.7 29.6 69.6

57 17.2 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU040061.D (-2132) (-)

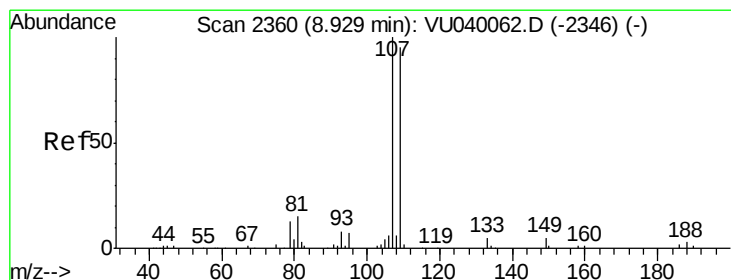
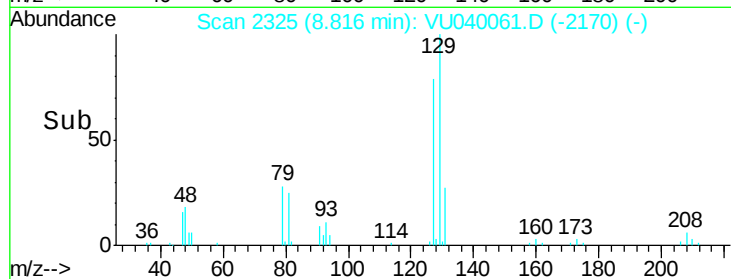
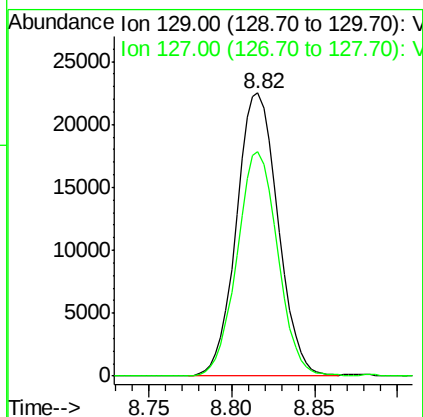
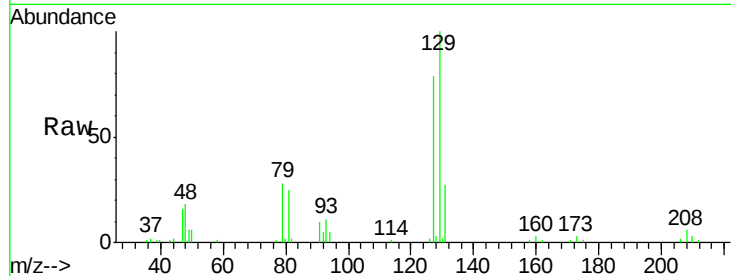




#55
 Dibromochloromethane
 Concen: 5.409 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

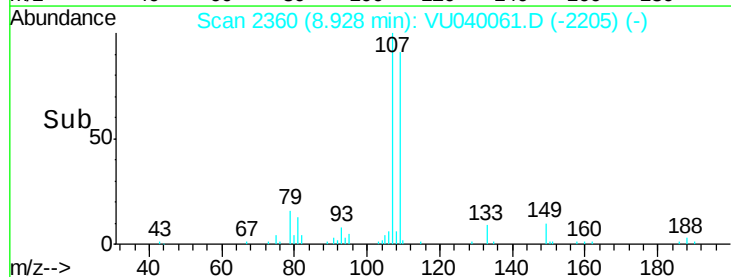
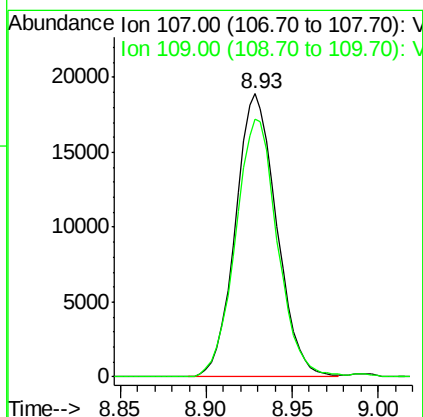
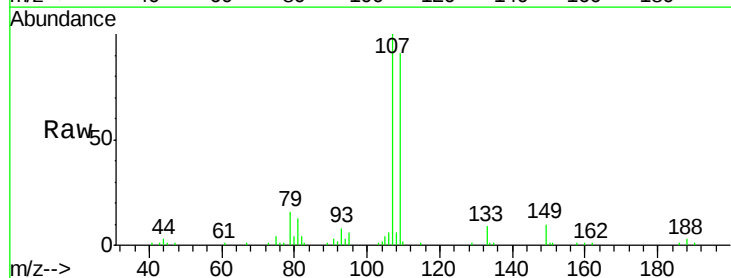
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

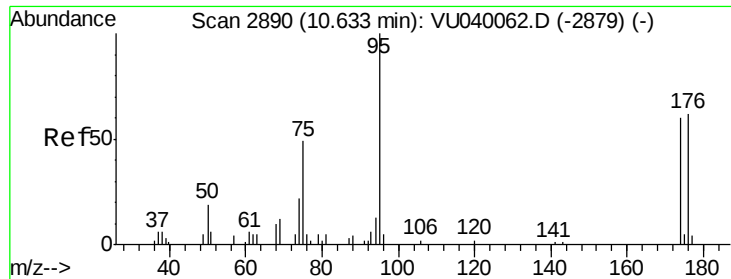
Tgt Ion:129 Resp: 39167
 Ion Ratio Lower Upper
 129 100
 127 77.7 62.7 94.1



#56
 1,2-Dibromoethane
 Concen: 4.927 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:107 Resp: 31463
 Ion Ratio Lower Upper
 107 100
 109 92.7 0.0 191.0

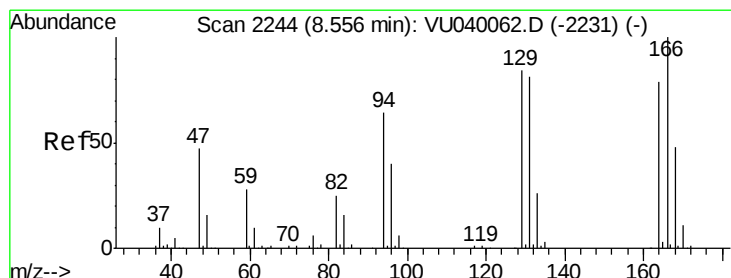
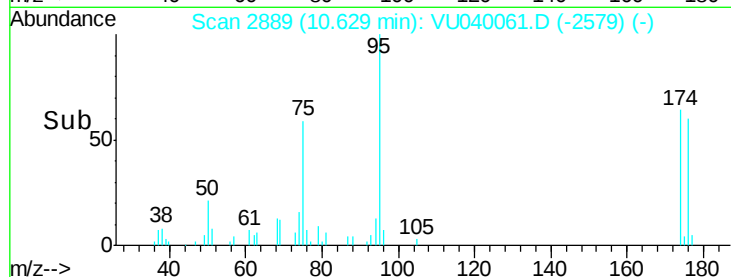
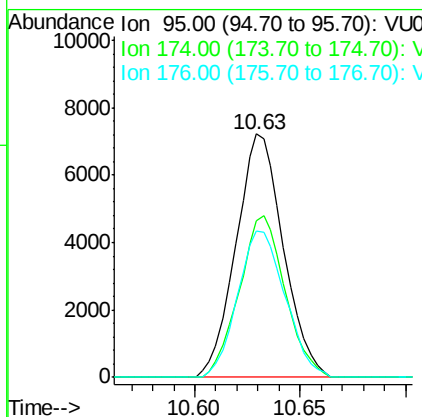
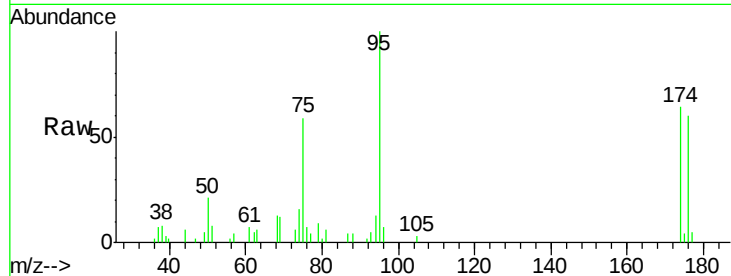




#57
4-Bromofluorobenzene
Concen: 1.019 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

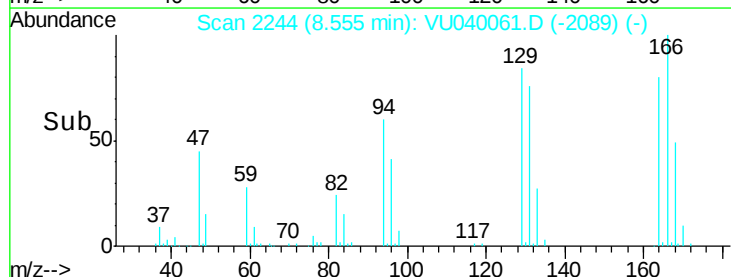
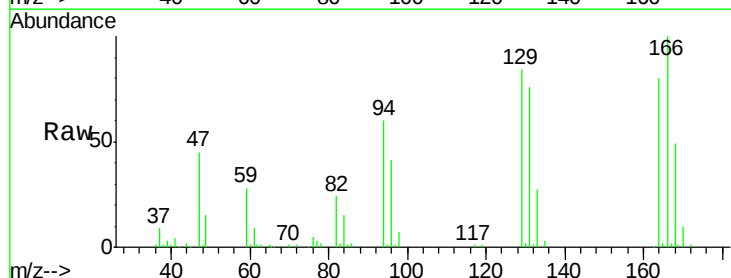
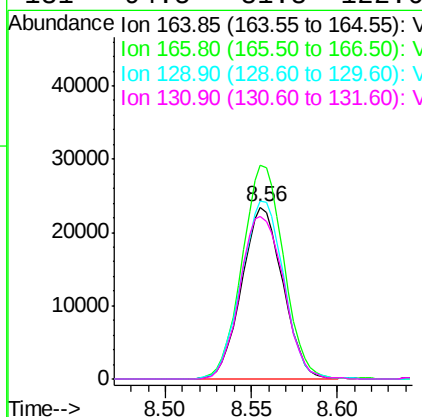
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

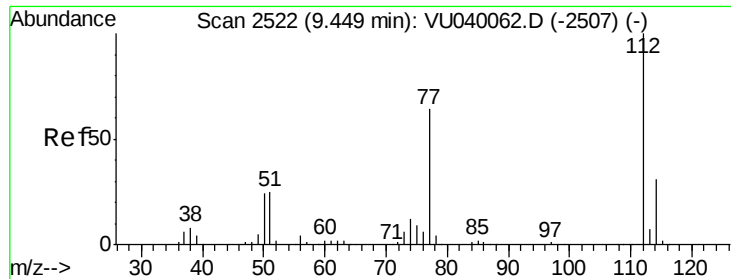
Tgt Ion: 95 Resp: 11238
Ion Ratio Lower Upper
95 100
174 64.3 49.4 74.0
176 60.4 50.1 75.1



#58
Tetrachloroethene
Concen: 5.469 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 164 Resp: 38784
Ion Ratio Lower Upper
164 100
166 124.3 101.3 151.9
129 103.9 84.8 127.2
131 94.5 81.8 122.6





#59

Chlorobenzene

Concen: 4.900 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

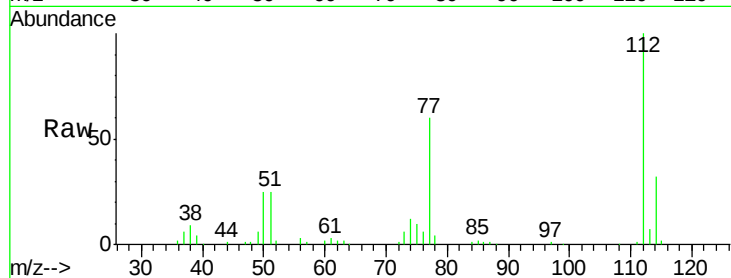
VSTDIC005

Tgt Ion:112 Resp: 104164

Ion Ratio Lower Upper

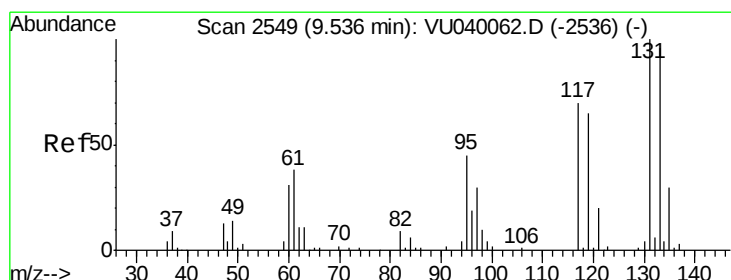
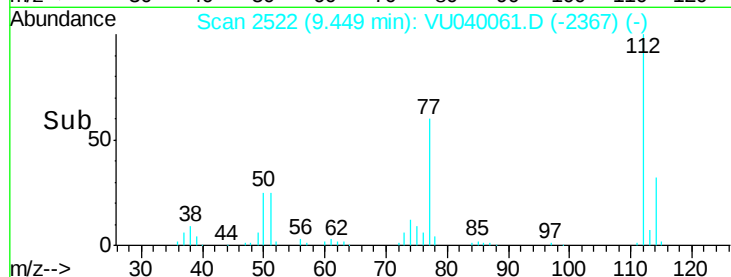
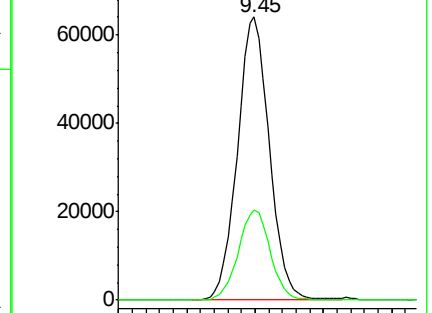
112 100

114 31.8 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: 5.085 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

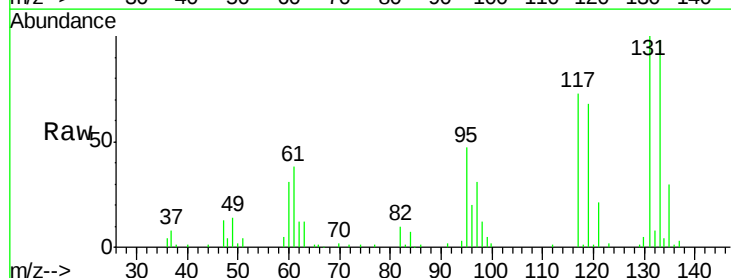
Tgt Ion:131 Resp: 36974

Ion Ratio Lower Upper

131 100

133 98.8 75.4 113.2

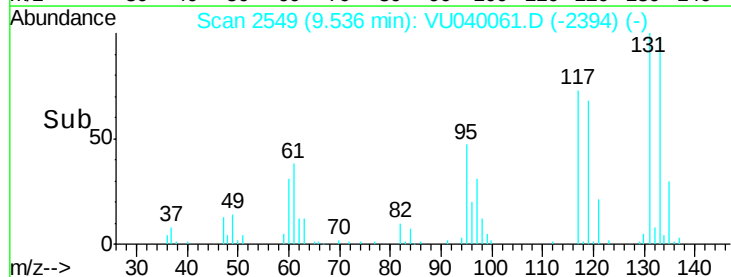
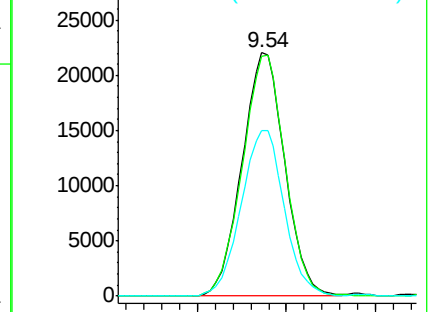
119 68.4 51.5 77.3

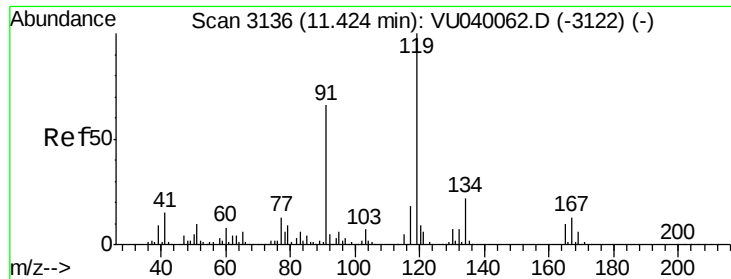


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

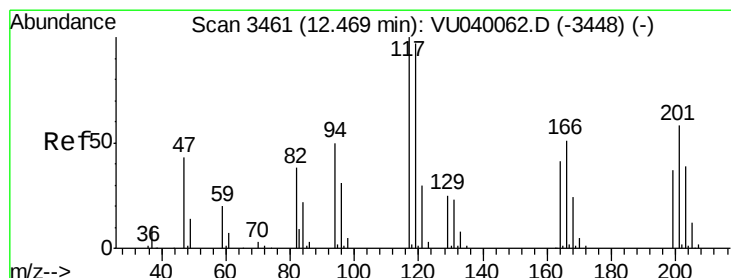
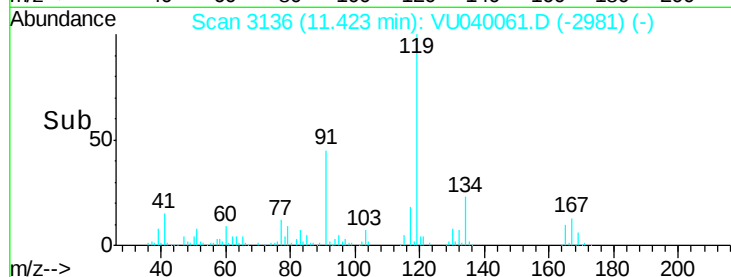
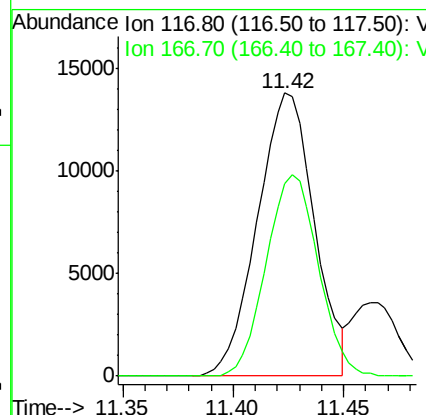
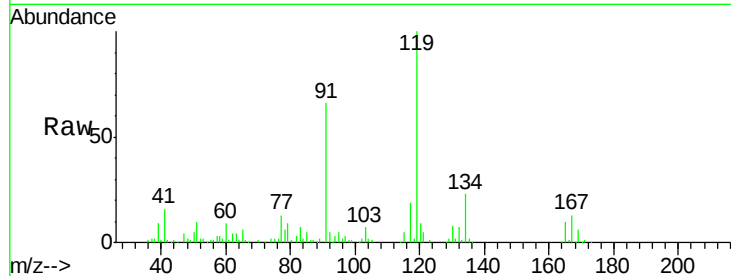




#61
 Pentachloroethane
 Concen: 4.041 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

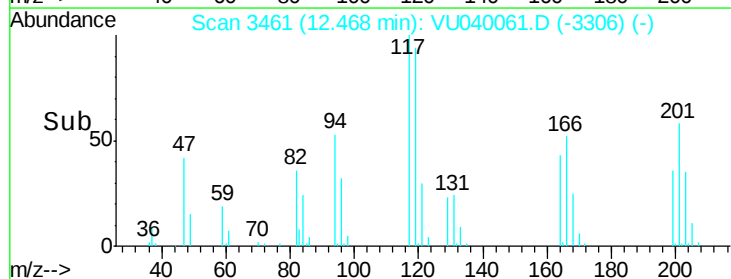
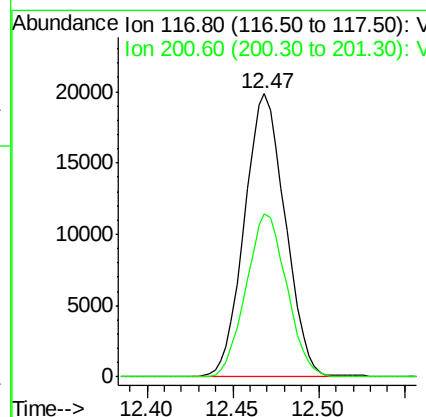
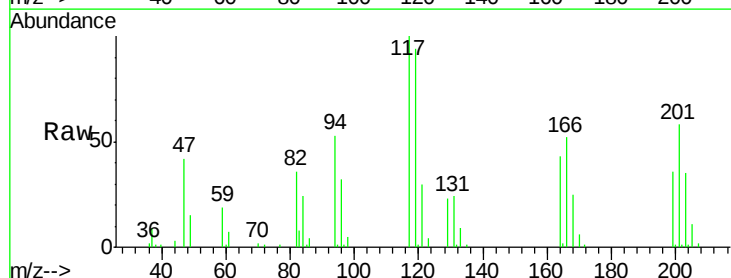
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

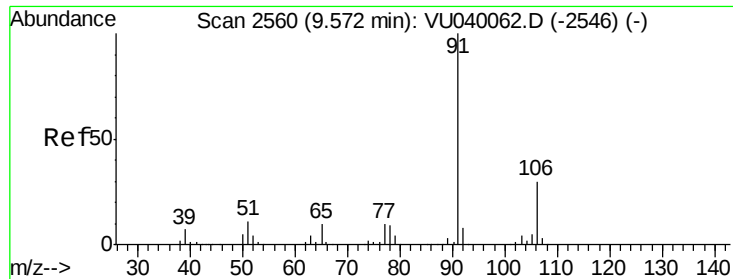
Tgt Ion:117 Resp: 24586
 Ion Ratio Lower Upper
 117 100
 167 65.5 54.5 81.7



#62
 Hexachloroethane
 Concen: 5.568 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:117 Resp: 32661
 Ion Ratio Lower Upper
 117 100
 201 57.3 47.0 70.4

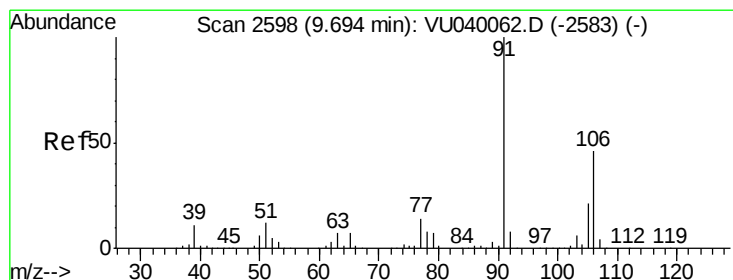
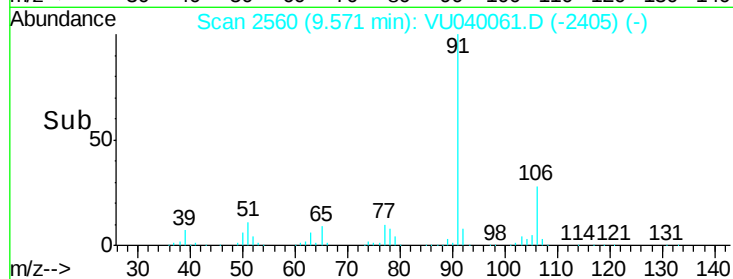
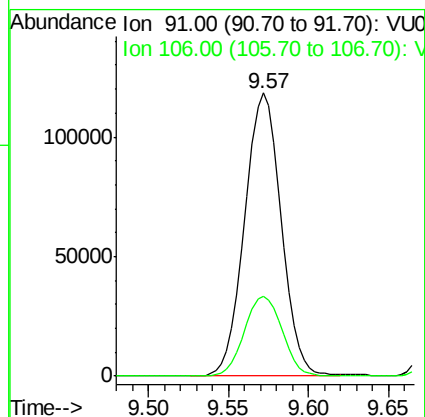
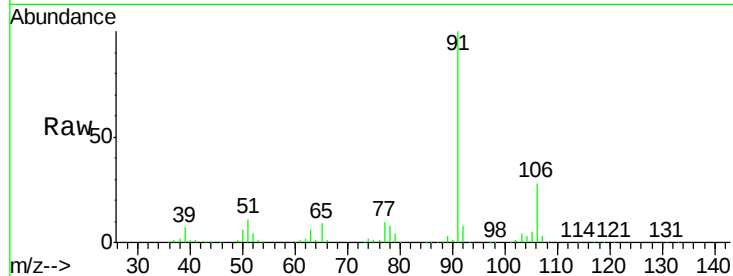




#63
Ethyl Benzene
Concen: 4.874 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

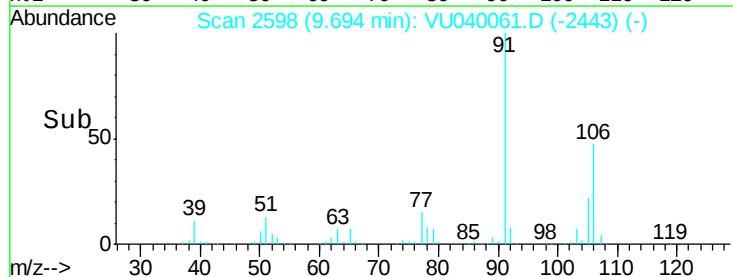
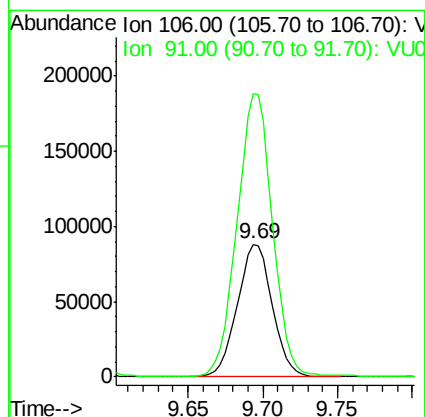
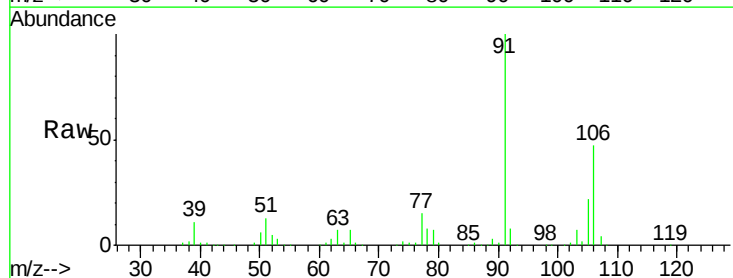
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

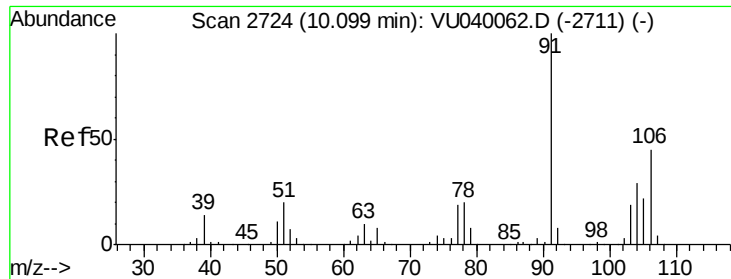
Tgt Ion: 91 Resp: 184272
Ion Ratio Lower Upper
91 100
106 28.3 23.8 35.8



#64
m/p-Xylenes
Concen: 9.758 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 106 Resp: 143436
Ion Ratio Lower Upper
106 100
91 215.2 171.4 257.2





#65

o-Xylene

Concen: 4.832 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

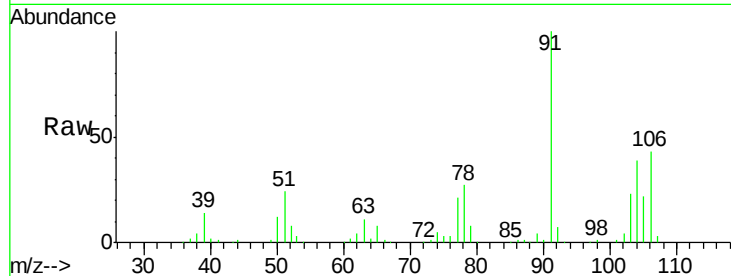
VSTDIC005

Tgt Ion:106 Resp: 67599

Ion Ratio Lower Upper

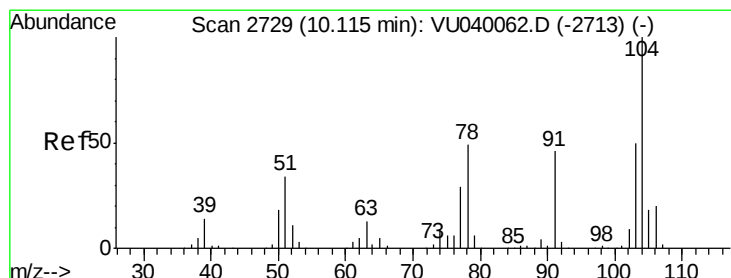
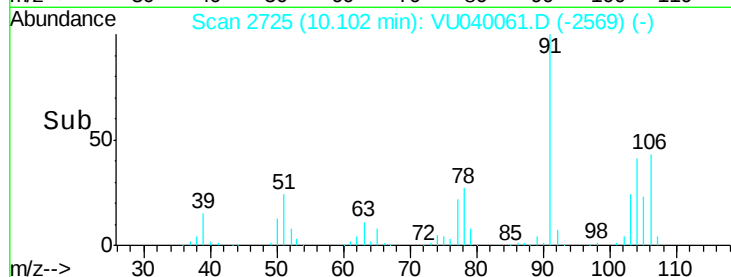
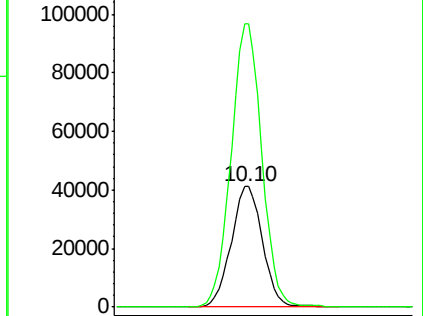
106 100

91 229.5 114.2 342.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 4.996 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

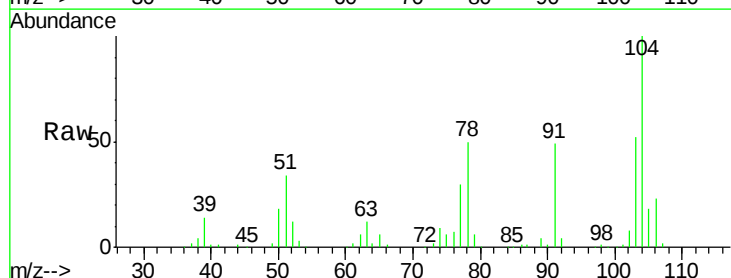
Tgt Ion:104 Resp: 120288

Ion Ratio Lower Upper

104 100

78 56.1 43.9 65.9

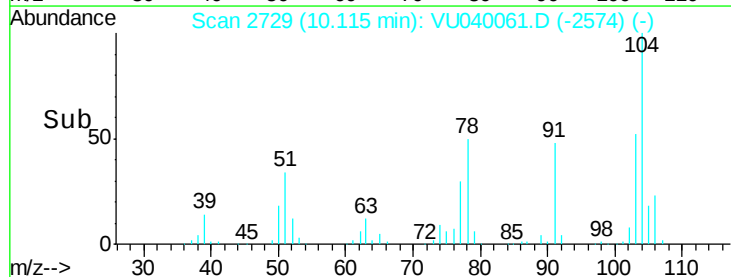
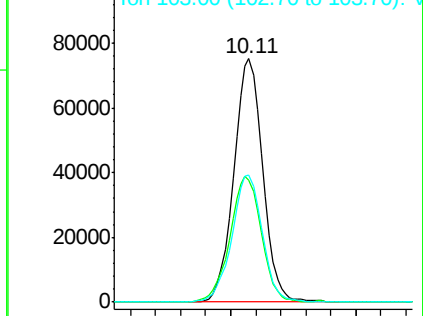
103 55.3 43.7 65.5

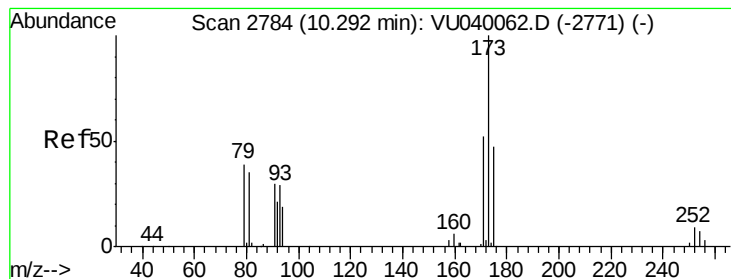


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 5.483 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

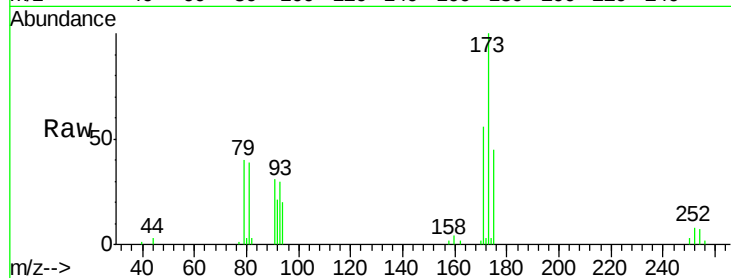
Tgt Ion:173 Resp: 20243

Ion Ratio Lower Upper

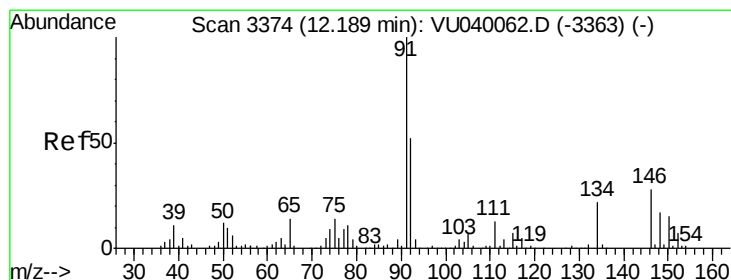
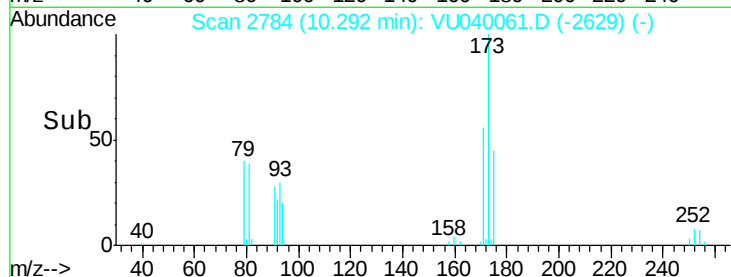
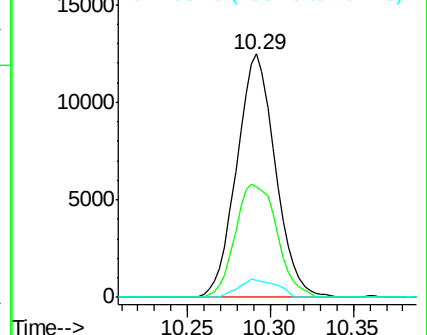
173 100

175 50.0 38.0 57.0

254 7.2 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: 0.971 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

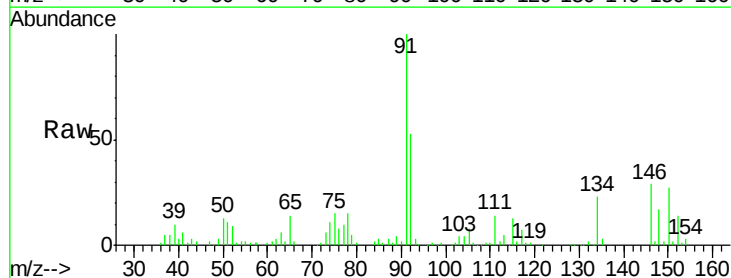
Tgt Ion:152 Resp: 10288

Ion Ratio Lower Upper

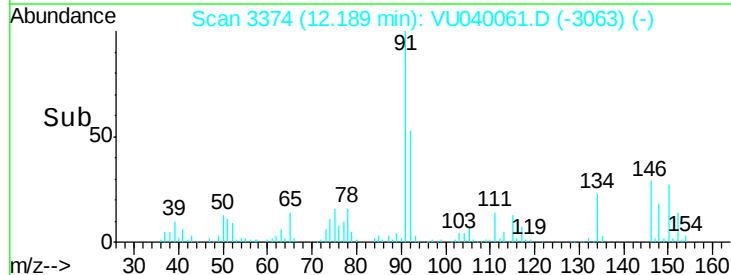
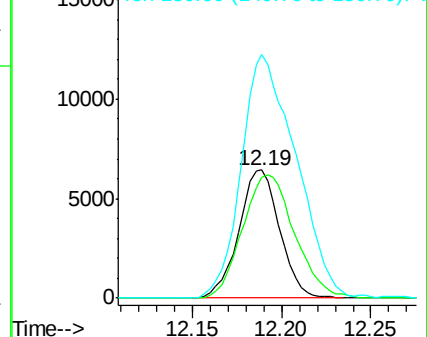
152 100

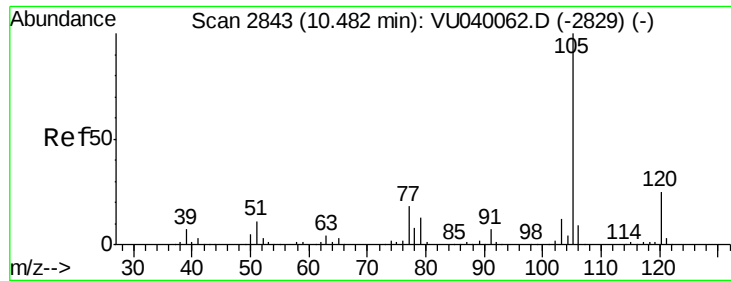
115 122.4 0.0 309.0

150 253.1 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: 4.870 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

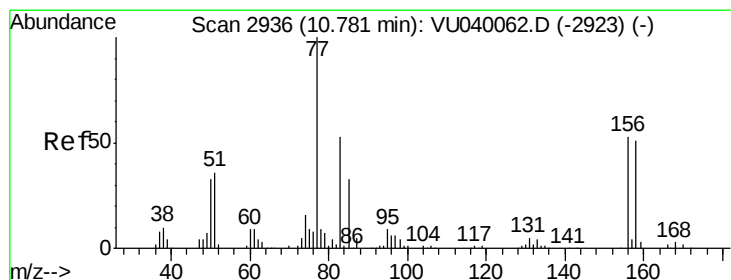
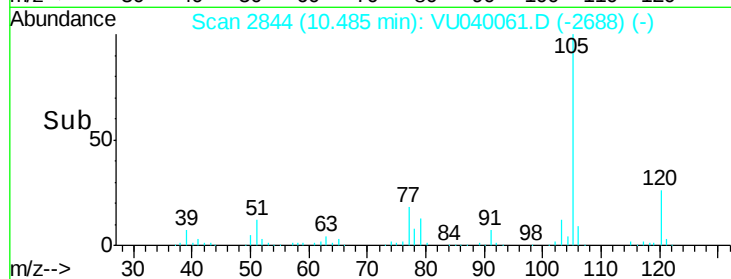
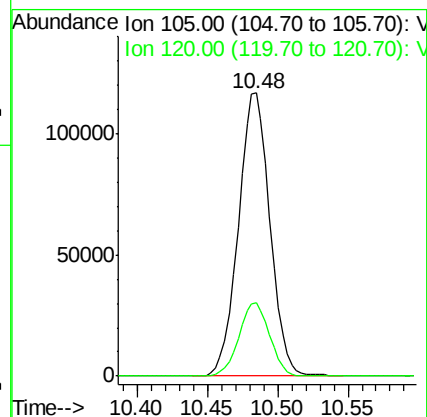
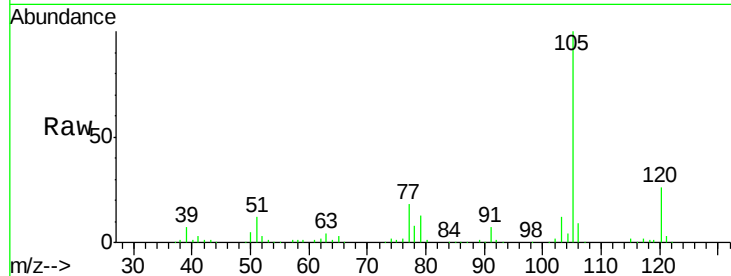
VSTDIC005

Tgt Ion: 105 Resp: 182663

Ion Ratio Lower Upper

105 100

120 25.3 12.4 37.4



#70

1,1,2,2-Tetrachloroethane

Concen: 4.571 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

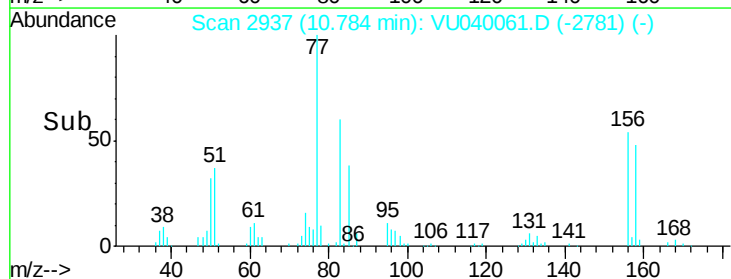
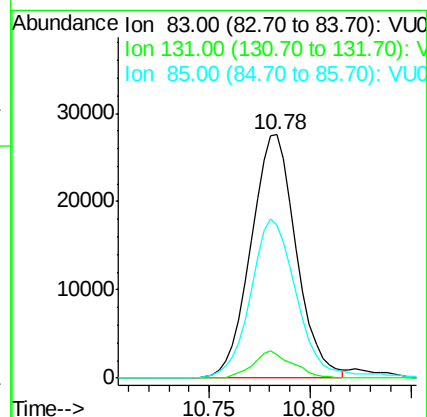
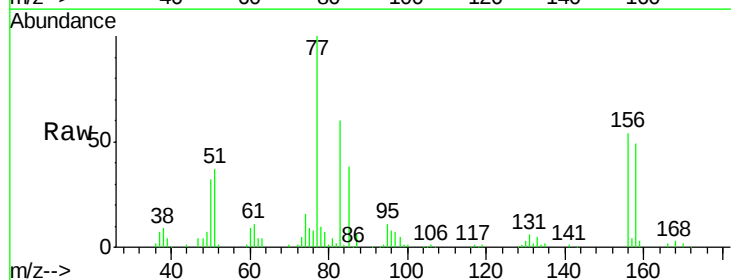
Tgt Ion: 83 Resp: 43367

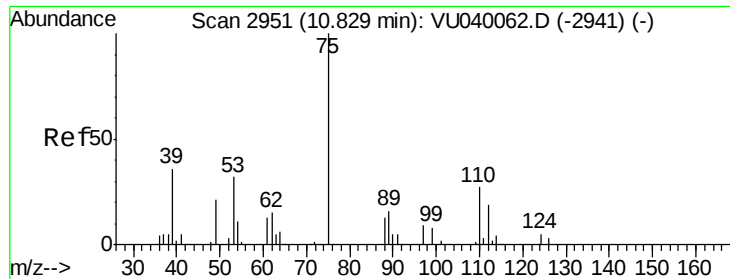
Ion Ratio Lower Upper

83 100

131 9.8 7.5 11.3

85 67.3 49.7 74.5

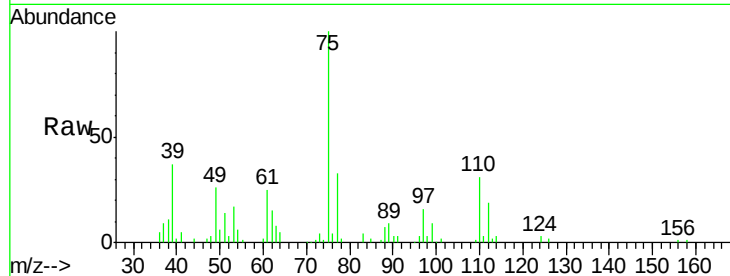




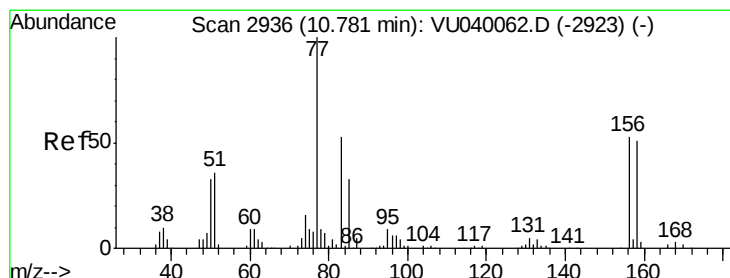
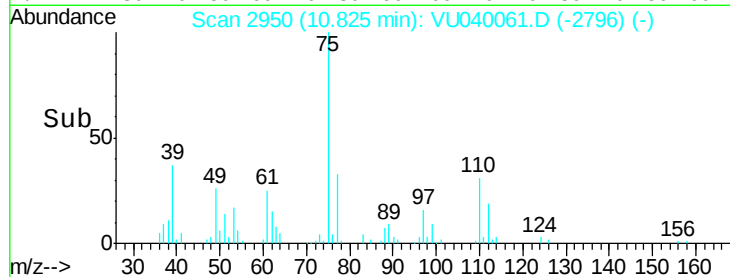
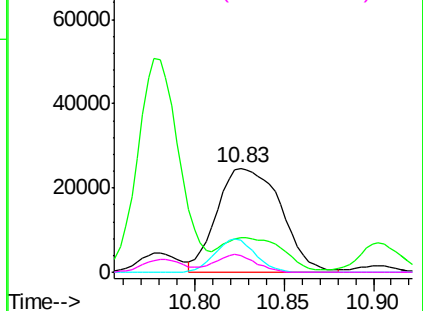
#71
 1,2,3-Trichloropropane
 Concen: 8.680 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	75	Resp:	61141
Ion	Ratio	Lower	Upper
75	100		
77	31.6	0.0	111.4
110	20.3	0.0	70.8
97	10.7	0.0	36.0

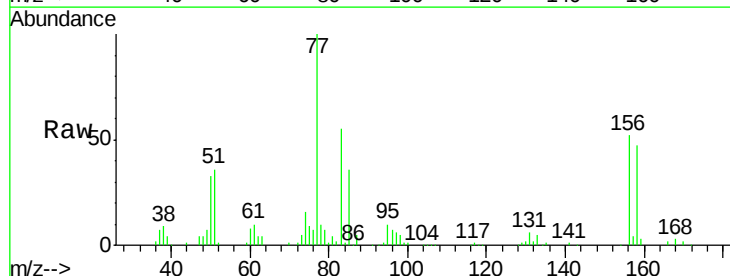


Abundance Ion 75.00 (74.70 to 75.70): VU040061.D (-2796) (-)
 Ion 77.00 (76.70 to 77.70): VU040061.D (-2796) (-)
 Ion 110.00 (109.70 to 110.70): VU040061.D (-2796) (-)
 Ion 97.00 (96.70 to 97.70): VU040061.D (-2796) (-)

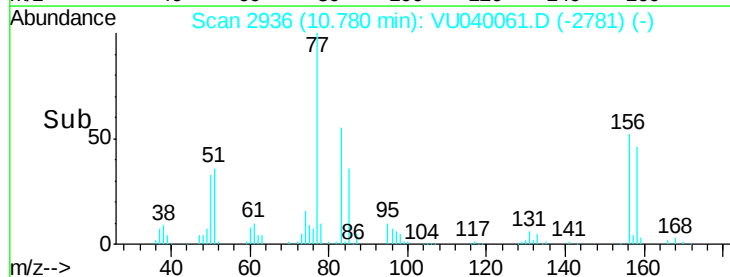
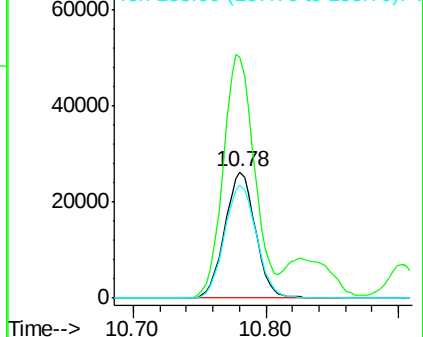


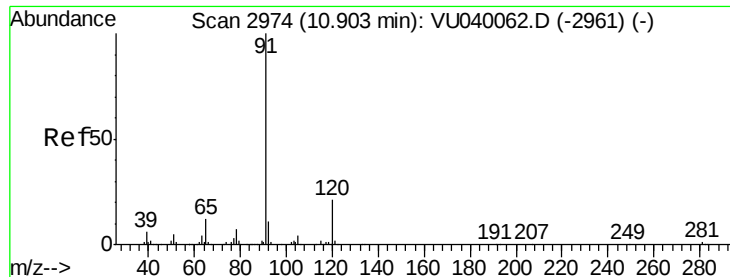
#72
 Bromobenzene
 Concen: 4.931 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:	156	Resp:	42154
Ion	Ratio	Lower	Upper
156	100		
77	197.6	0.0	383.6
158	93.7	0.0	195.0



Abundance Ion 156.00 (155.70 to 156.70): VU040061.D (-2781) (-)
 Ion 77.00 (76.70 to 77.70): VU040061.D (-2781) (-)
 Ion 158.00 (157.70 to 158.70): VU040061.D (-2781) (-)

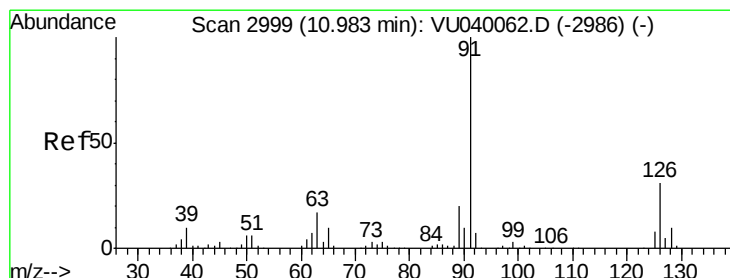
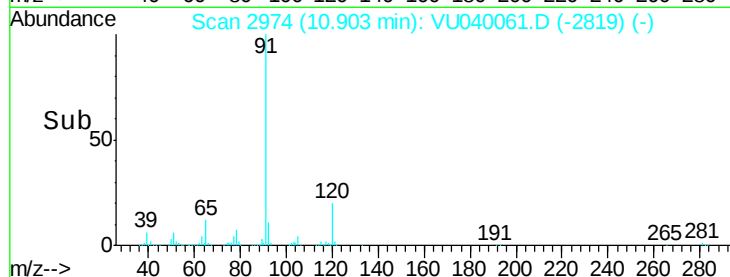
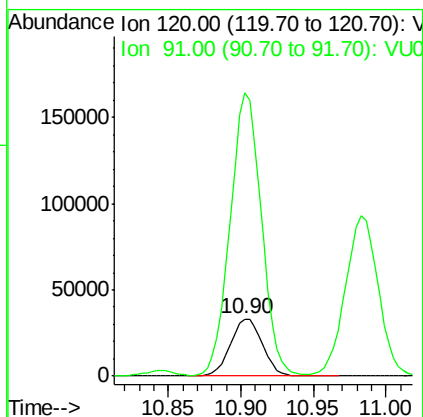
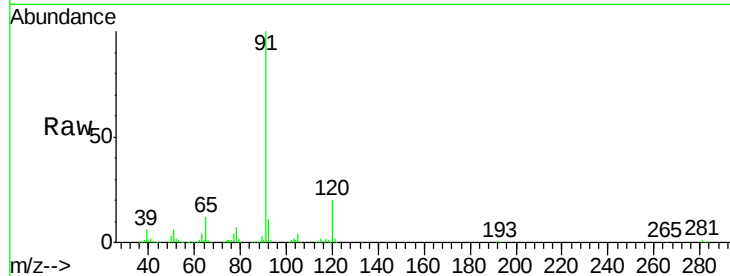




#73
n-propylbenzene
Concen: 4.821 ug/l
RT: 10.90 min Scan# 2974
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

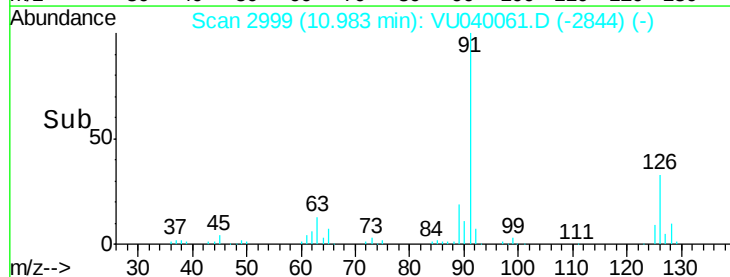
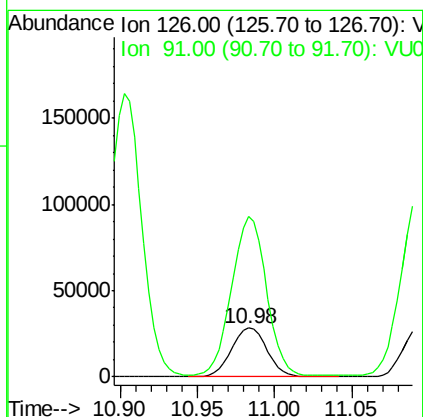
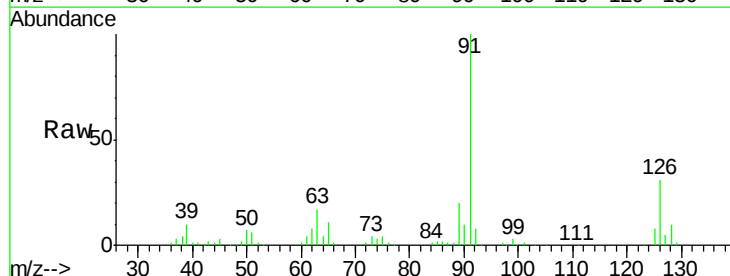
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

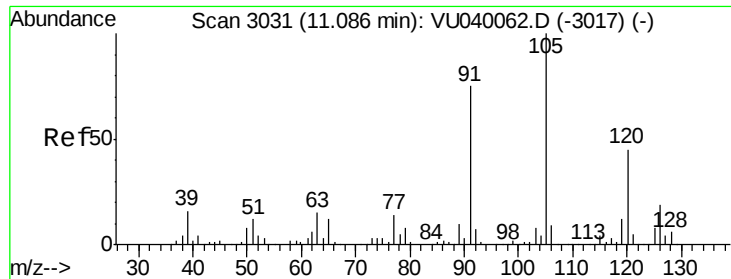
Tgt Ion:120 Resp: 50741
Ion Ratio Lower Upper
120 100
91 481.9 380.4 570.6



#74
2-Chlorotoluene
Concen: 5.084 ug/l
RT: 10.98 min Scan# 2999
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion:126 Resp: 45474
Ion Ratio Lower Upper
126 100
91 316.0 0.0 649.6





#75

1,3,5-Trimethylbenzene

Concen: 5.167 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

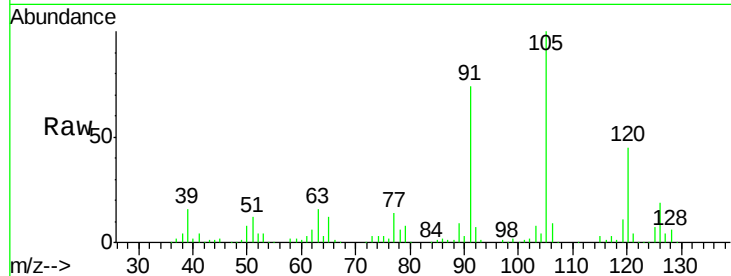
VSTDIC005

Tgt Ion:105 Resp: 167744

Ion Ratio Lower Upper

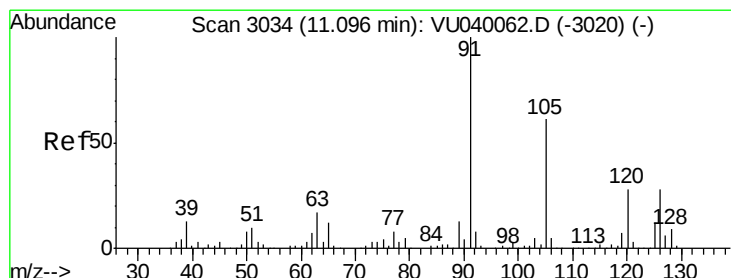
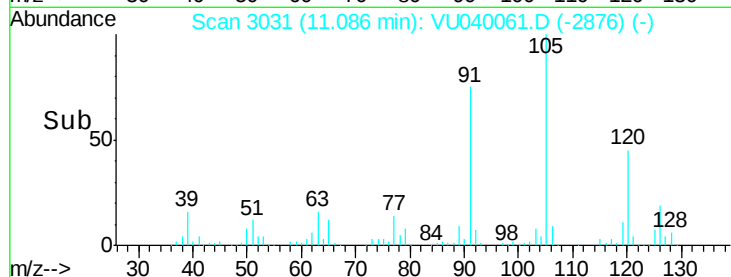
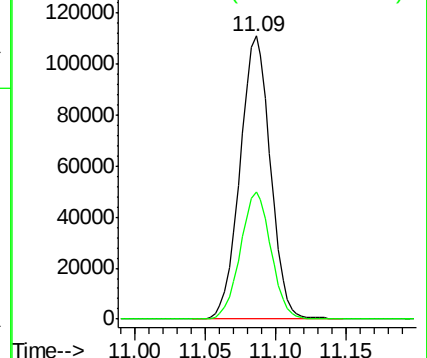
105 100

120 45.2 36.6 55.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 5.207 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040061.D

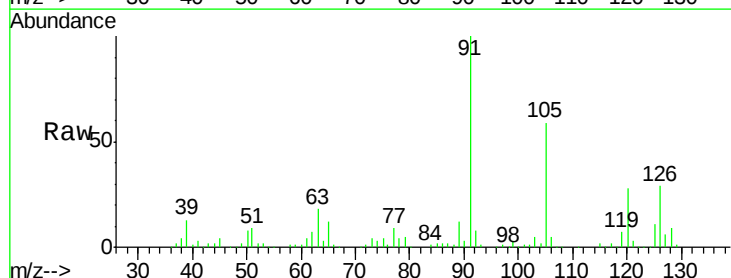
Acq: 09 Sep 2020 12:00

Tgt Ion:126 Resp: 48359

Ion Ratio Lower Upper

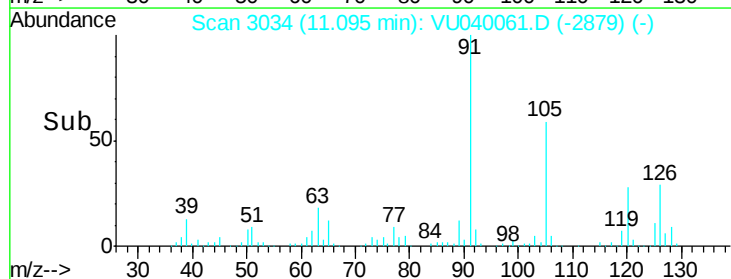
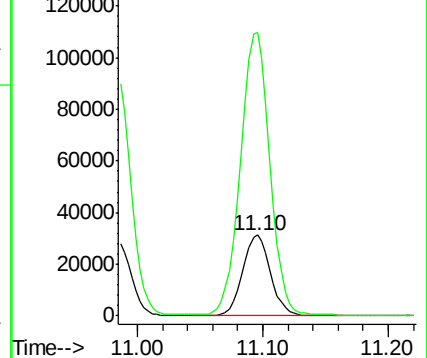
126 100

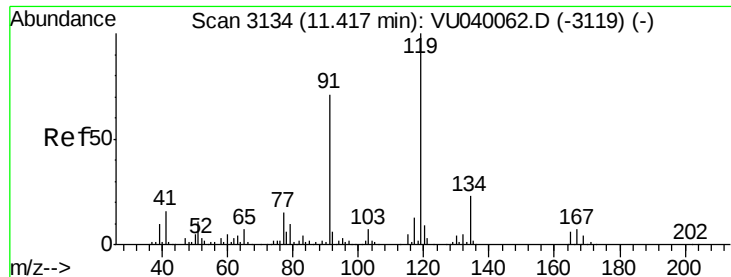
91 366.8 0.0 735.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

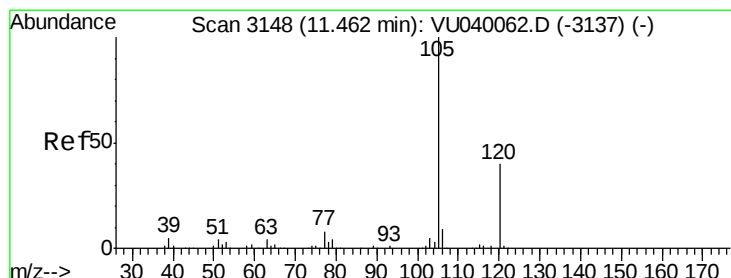
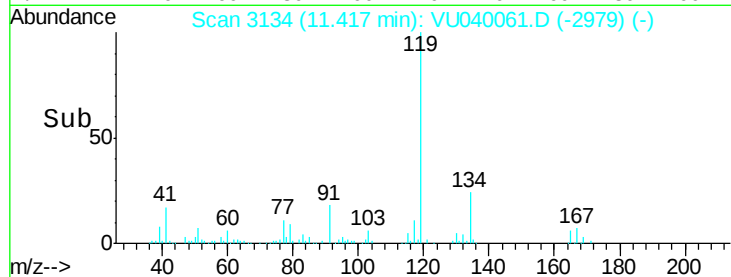
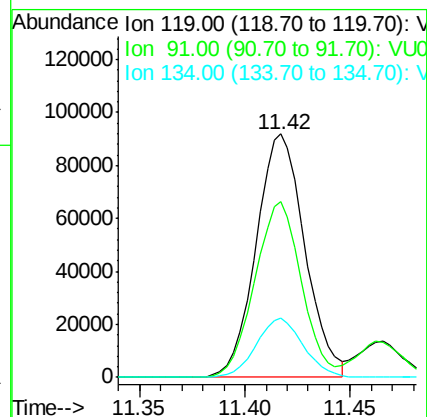
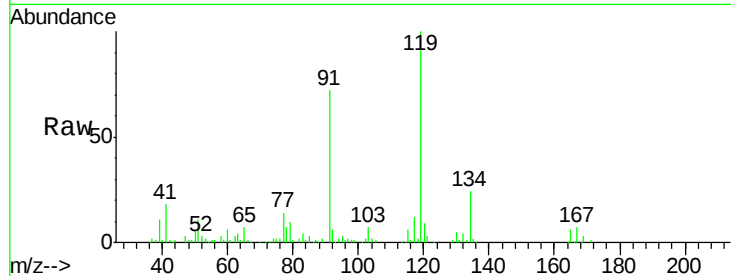




#77
 tert-Butylbenzene
 Concen: 4.767 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

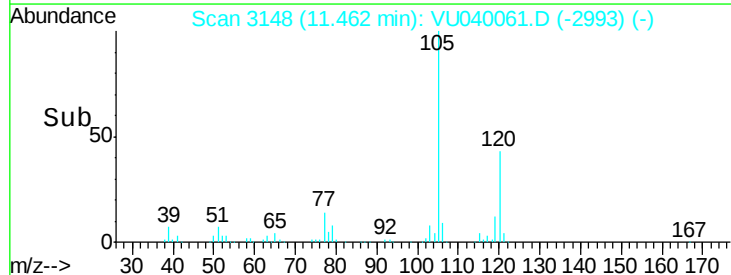
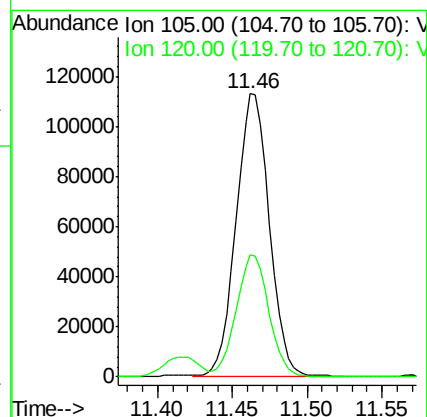
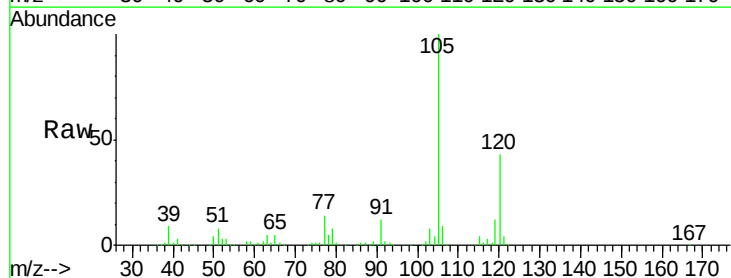
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

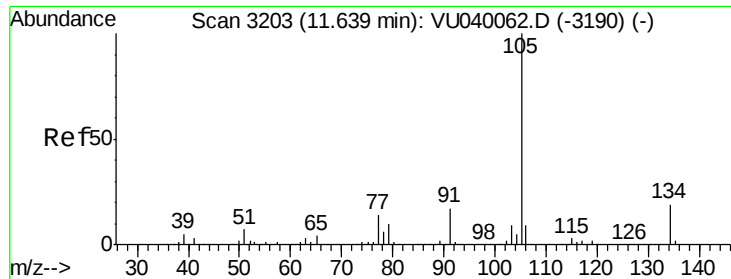
Tgt Ion:119 Resp: 147517
 Ion Ratio Lower Upper
 119 100
 91 69.1 34.2 102.5
 134 23.5 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 5.230 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:105 Resp: 173833
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.9 65.5

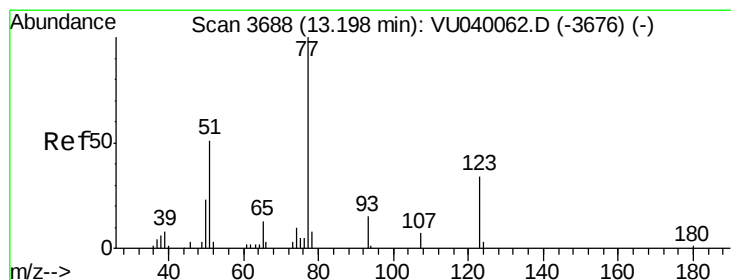
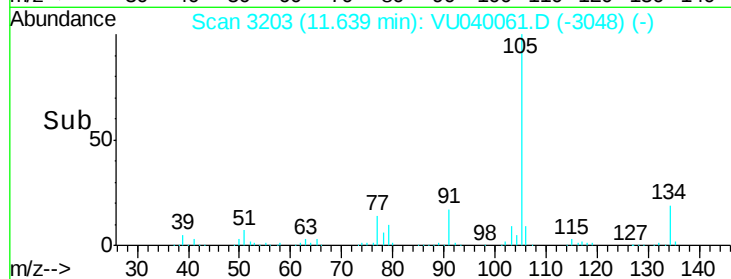
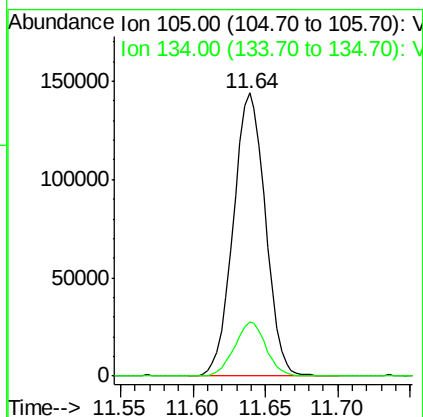
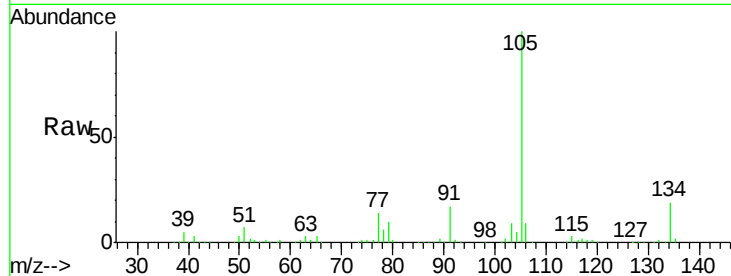




#79
 sec-Butylbenzene
 Concen: 5.002 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

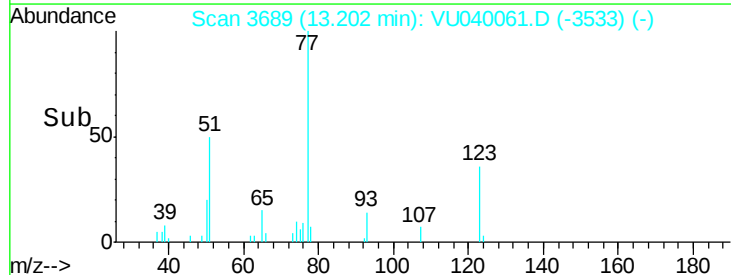
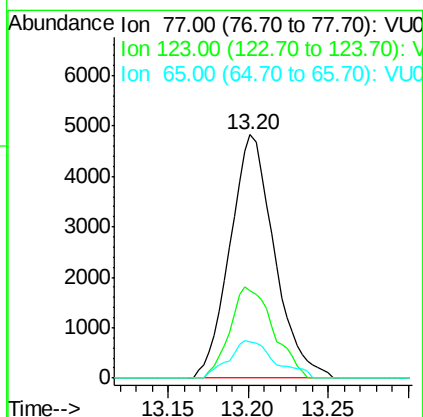
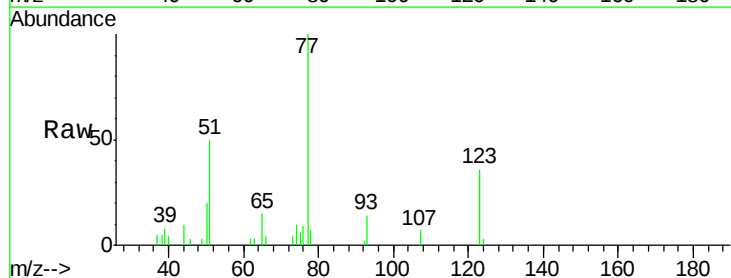
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

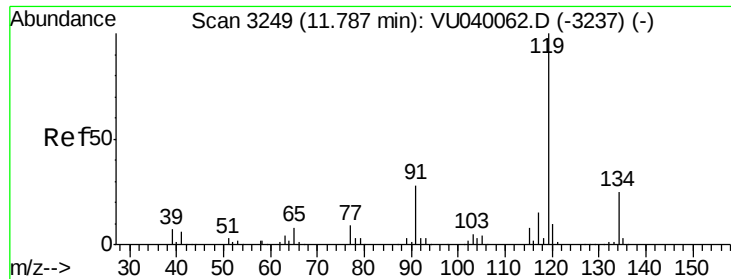
Tgt Ion: 105 Resp: 221482
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.0 22.4



#80
 Nitrobenzene
 Concen: 45.685 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 77 Resp: 9116
 Ion Ratio Lower Upper
 77 100
 123 36.5 16.4 58.0
 65 15.9 12.5 15.9

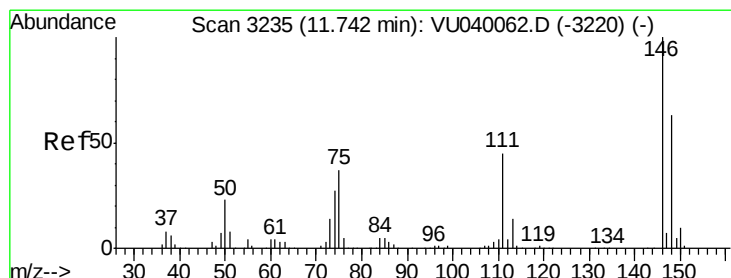
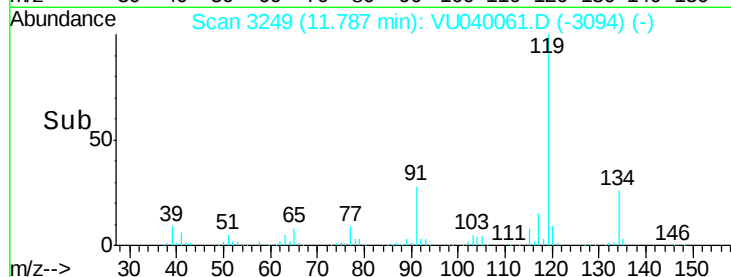
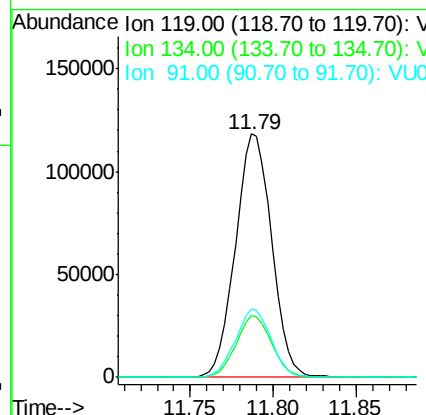
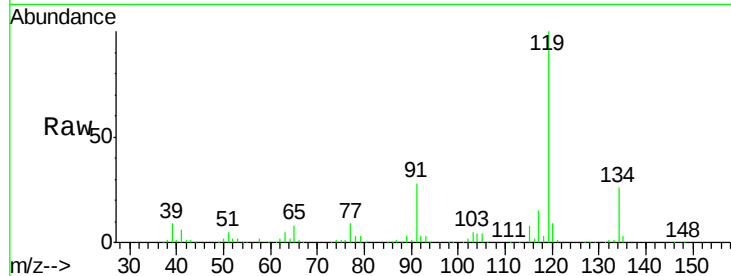




#81
 p-Isopropyltoluene
 Concen: 5.013 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

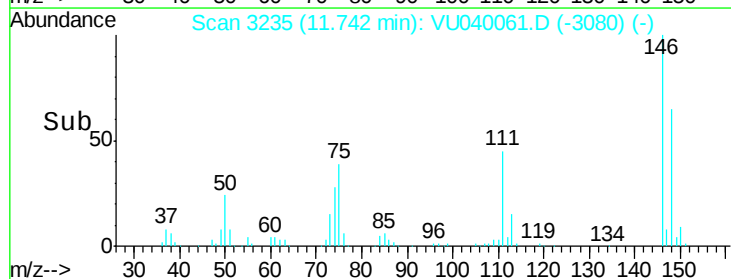
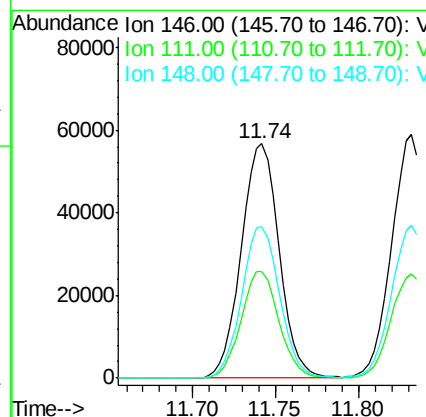
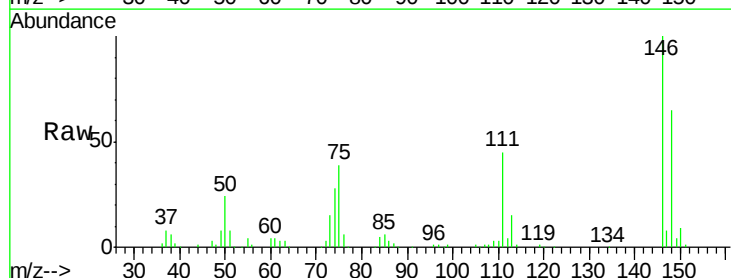
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

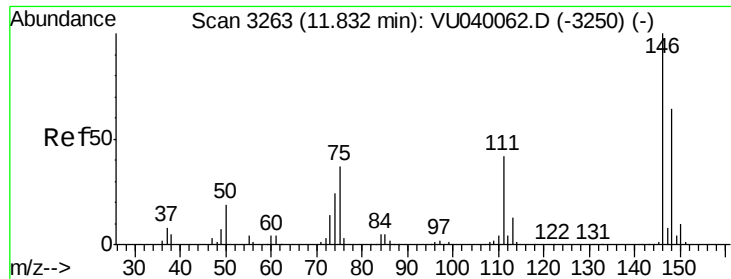
Tgt Ion:119 Resp: 178608
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.3 30.5
 91 27.8 22.2 33.2



#82
 1,3-Dichlorobenzene
 Concen: 4.899 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:146 Resp: 90409
 Ion Ratio Lower Upper
 146 100
 111 45.4 35.4 53.0
 148 64.7 49.7 74.5

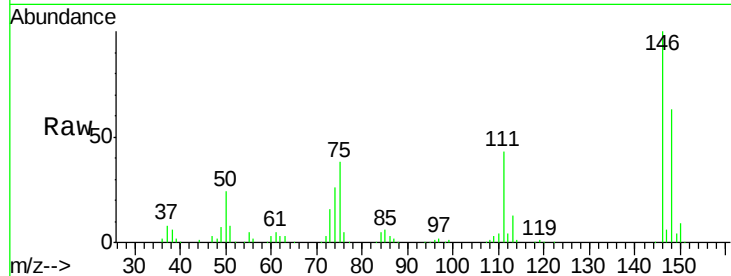




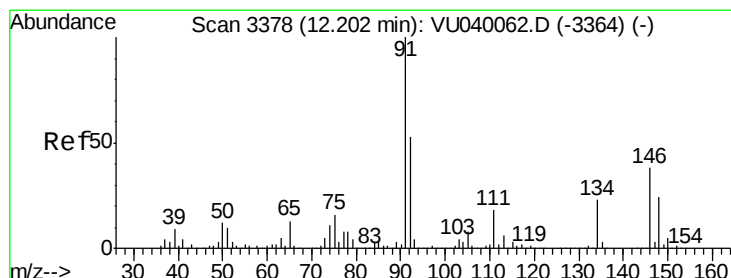
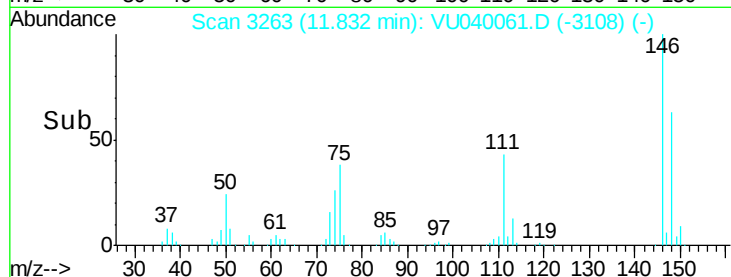
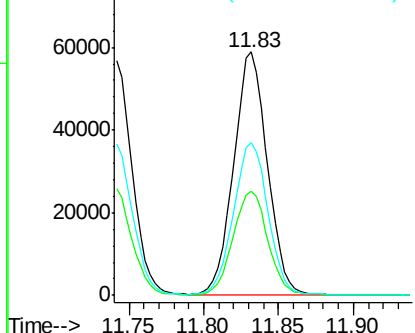
#83
 1,4-Dichlorobenzene
 Concen: 4.943 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 91947
 Ion Ratio Lower Upper
 146 100
 111 44.6 34.2 51.2
 148 64.4 50.2 75.2

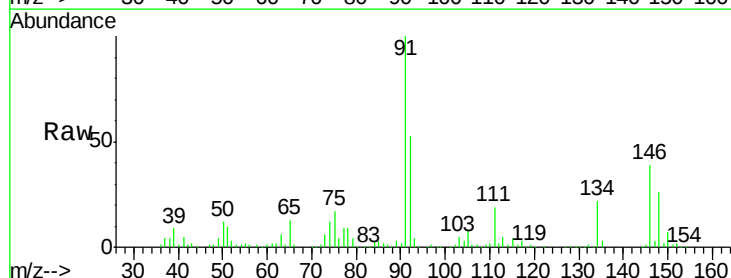


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

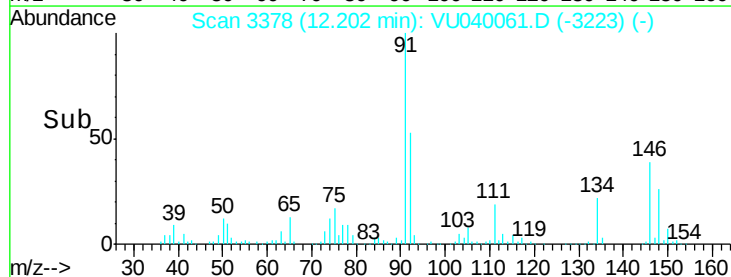
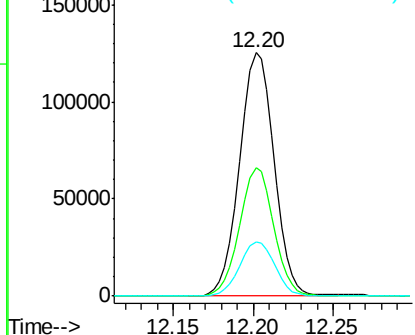


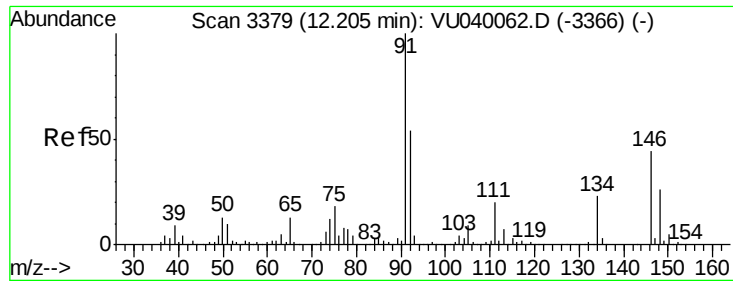
#84
 n-Butylbenzene
 Concen: 4.862 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 91 Resp: 184008
 Ion Ratio Lower Upper
 91 100
 92 52.2 43.0 64.4
 134 22.7 18.6 27.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

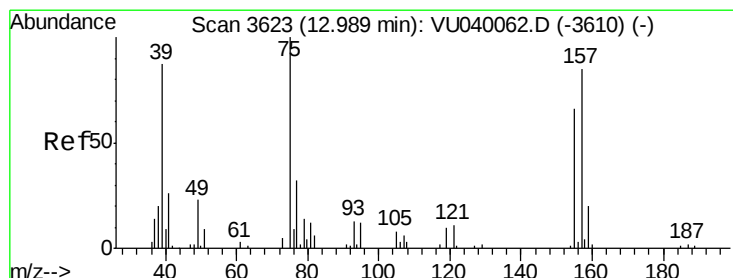
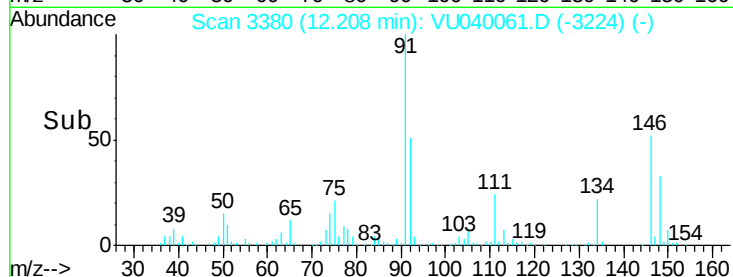
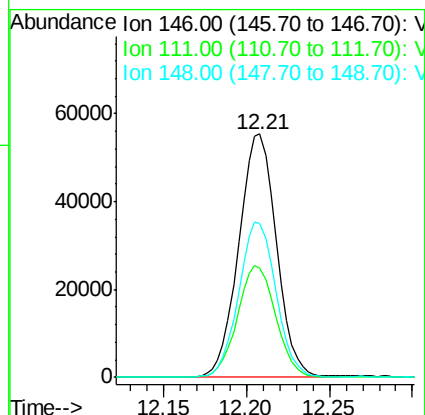
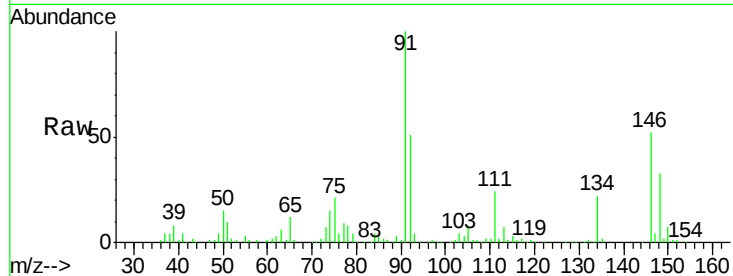




#85
 1,2-Dichlorobenzene
 Concen: 4.933 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

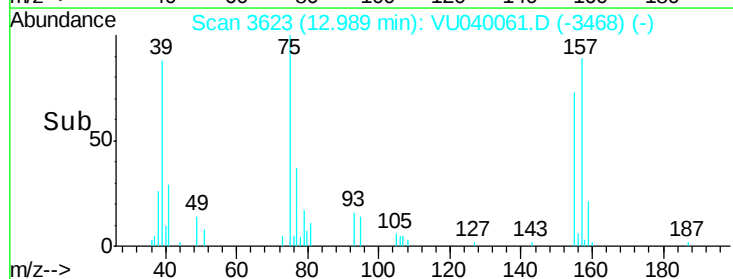
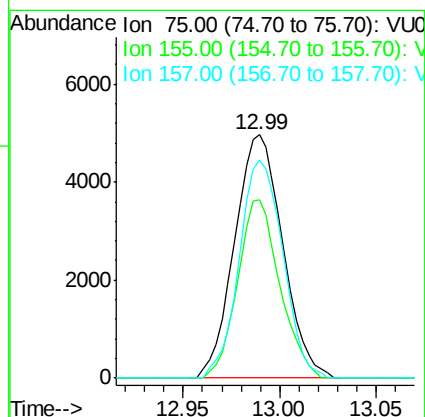
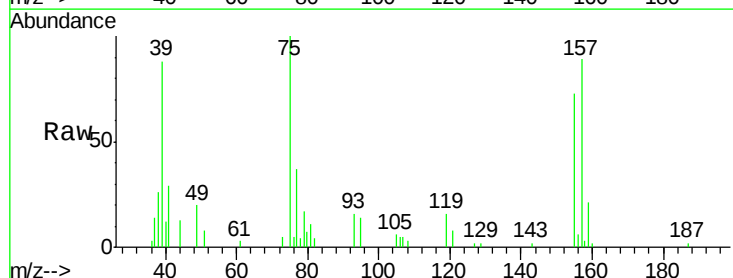
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

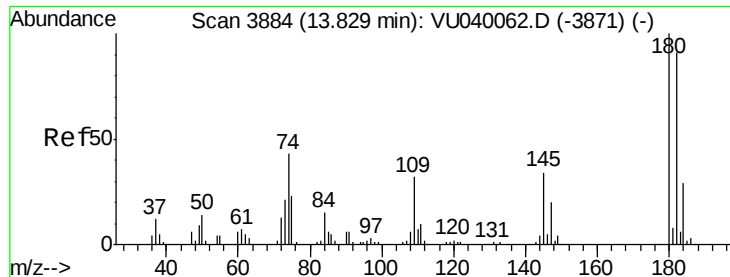
Tgt Ion: 146 Resp: 87796
 Ion Ratio Lower Upper
 146 100
 111 46.6 22.9 68.7
 148 63.2 31.1 93.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 5.279 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 75 Resp: 8570
 Ion Ratio Lower Upper
 75 100
 155 64.2 53.4 80.0
 157 81.3 65.8 98.8

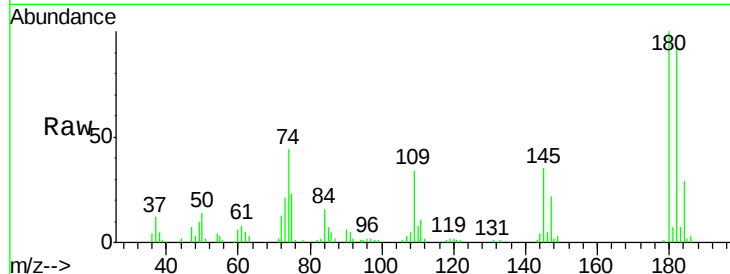




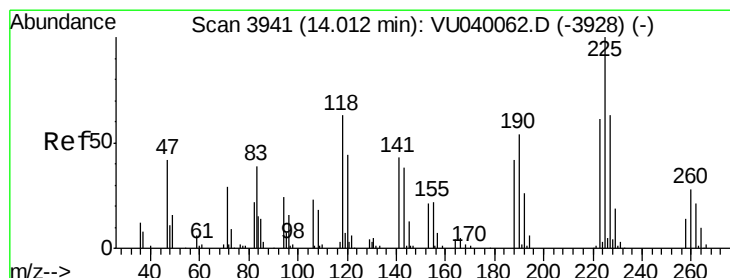
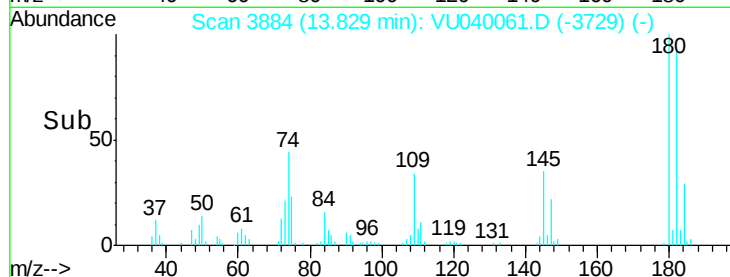
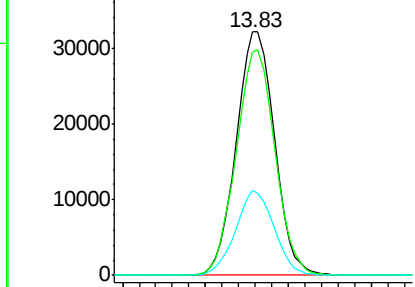
#87
 1,2,4-Trichlorobenzene
 Concen: 4.692 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 51855
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.0 112.4
 145 35.1 27.7 41.5

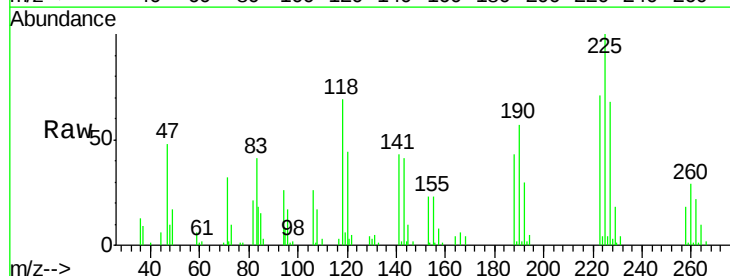


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

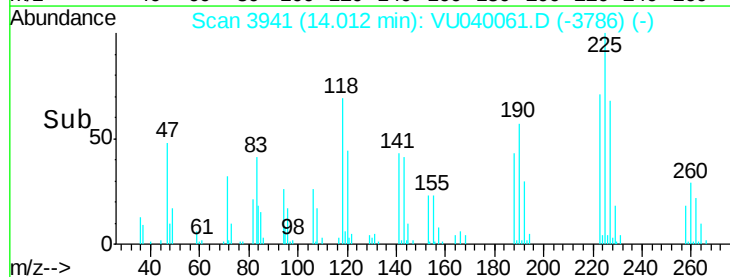
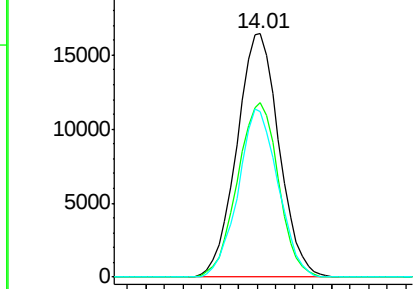


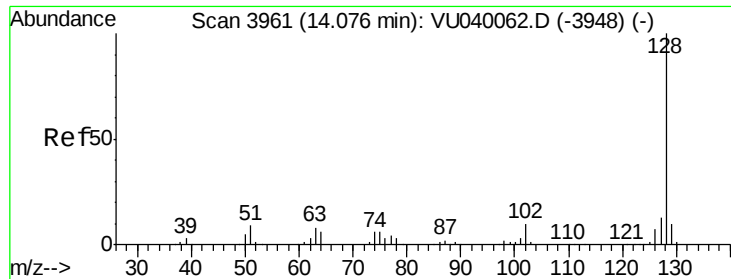
#88
 Hexachlorobutadiene
 Concen: 5.053 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:225 Resp: 25972
 Ion Ratio Lower Upper
 225 100
 223 69.5 50.7 76.1
 227 65.1 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

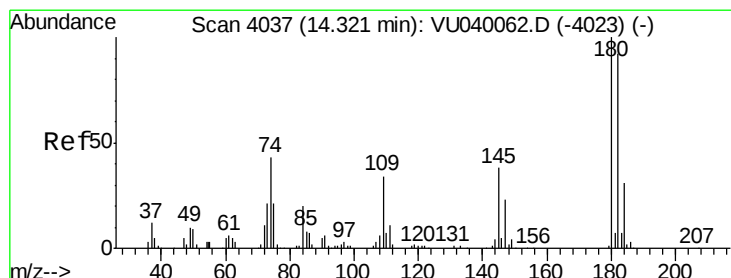
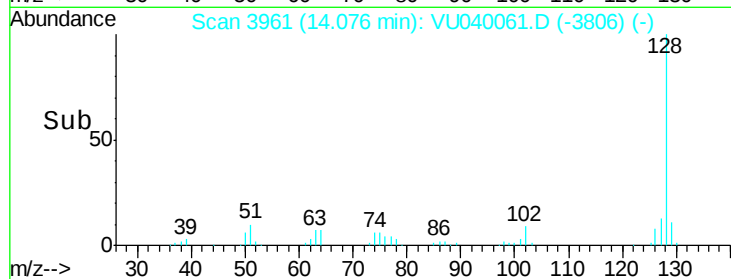
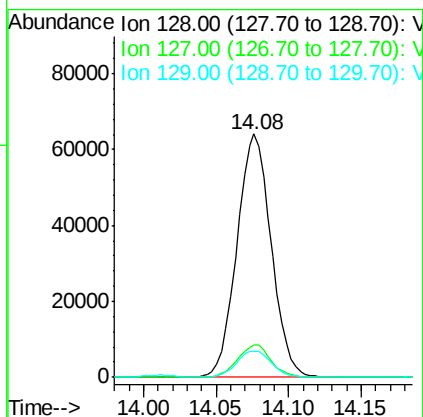
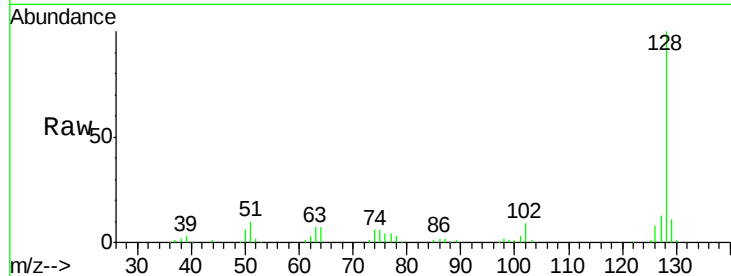




#89
Naphthalene
Concen: 4.469 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 105027
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 4.797 ug/l
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion:180 Resp: 50075
Ion Ratio Lower Upper
180 100
182 91.6 76.0 114.0
145 36.2 30.6 45.8

