

Data File : VU039727.D
Acq On : 30 Jul 2020 18:59
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Jul 31 06:22:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	21675	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	8080	0.95	ug/l	0.00
Spiked Amount	1.000		Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8341	1.01	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	72153	9.580 ug/l	98
3) Chloromethane	1.53	50	91722	9.803 ug/l	100
4) Vinyl Chloride	1.61	62	86694	10.054 ug/l	99
5) Bromomethane	1.86	94	56091	9.511 ug/l	96
6) Chloroethane	1.94	64	73005	12.202 ug/l	99
7) Trichlorofluoromethane	2.15	101	118680	10.406 ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	65401	9.992 ug/l	99
9) 1,1-Dichloroethene	2.59	96	60419	10.032 ug/l	99
10) Iodomethane	2.73	142	80441	13.243 ug/l	100
11) Allyl Chloride	2.93	41	129506	9.969 ug/l	100
12) Acrylonitrile	3.34	53	44571	21.085 ug/l	95
13) Acetone	2.66	43	95312	47.920 ug/l	97
14) Carbon Disulfide	2.80	76	220039	9.963 ug/l	99
15) Methylene Chloride	3.06	84	82893	9.874 ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	69064	10.087 ug/l	98
17) 1,1-Dichloroethane	3.89	63	150000	9.976 ug/l	99
18) 2-Butanone	4.75	43	160437	47.968 ug/l	99
19) Cyclohexane	5.39	56	135250	9.294 ug/l	95
20) Methylcyclohexane	6.77	83	112764	10.457 ug/l	99
21) 2,2-Dichloropropane	4.68	77	113742	9.274 ug/l	98
22) cis-1,2-Dichloroethene	4.68	96	74292	10.066 ug/l	99
23) Diethyl Ether	2.39	59	62130	10.090 ug/l	97
24) tert-Butyl Alcohol	3.26	59	65585	88.523 ug/l	96
25) Methyl tert-Butyl Ether	3.39	73	199979	10.177 ug/l	100
26) Bromochloromethane	4.99	128	30100	9.968 ug/l	96
27) Chloroform	5.11	83	140145	9.960 ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	115564	10.150 ug/l	99
29) 1,1-Dichloropropene	5.54	75	107181	9.776 ug/l	99
30) Carbon Tetrachloride	5.53	117	93070	9.997 ug/l	99
31) Isopropyl Ether	4.02	45	276573	10.086 ug/l	100
32) Ethyl-t-butyl ether	4.53	59	237022	10.157 ug/l	100
33) Tert-Amyl methyl ether	5.97	73	164543	9.780 ug/l	99
34) Propionitrile	4.82	54	45912	55.644 ug/l #	94
35) Benzene	5.79	78	263964	9.733 ug/l	100
36) 1,2-Dichloroethane	5.81	62	97765	9.616 ug/l	100
37) Trichloroethene	6.55	130	61384	9.893 ug/l	96
38) 1,2-Dichloropropane	6.81	63	77454	10.362 ug/l	100
39) Methacrylonitrile	5.00	41	40330	9.275 ug/l	99
40) Methyl acrylate	4.87	55	59673	10.642 ug/l	98
41) Tetrahydrofuran	5.09	42	43065	19.685 ug/l	97
42) 1-Chlorobutane	5.47	56	173524	10.084 ug/l	99

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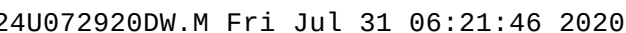
Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC010EC

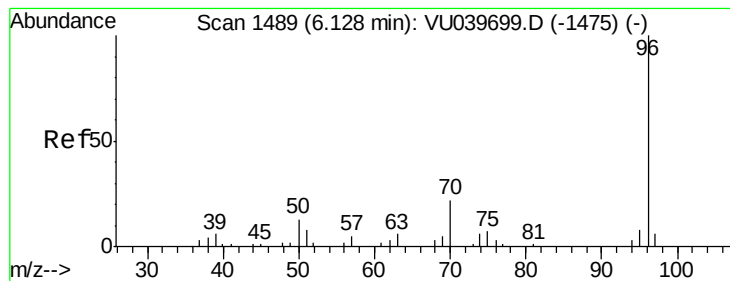
Quant Time: Jul 31 06:22:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	39384	9.791	ug/l	100
44) Bromodichloromethane	7.12	83	92562	10.037	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	313017	51.372	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	92998	51.315	ug/l #	48
47) Methyl methacrylate	6.98	69	78298	20.870	ug/l	98
48) Ethyl methacrylate	8.35	69	72065	10.436	ug/l	98
49) Toluene	7.98	92	165978	10.282	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	84877	10.218	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	98226	10.061	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	52590	10.063	ug/l	98
53) 1,3-Dichloropropane	8.58	76	99723	9.938	ug/l	99
54) 2-Hexanone	8.70	43	226866	52.003	ug/l	99
55) Dibromochloromethane	8.82	129	56901	10.139	ug/l	99
56) 1,2-Dibromoethane	8.93	107	51530	10.233	ug/l	99
58) Tetrachloroethene	8.56	164	54403	10.015	ug/l	96
59) Chlorobenzene	9.45	112	168406	10.088	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	57106	10.146	ug/l	99
61) Pentachloroethane	11.43	117	48120	9.731	ug/l	98
62) Hexachloroethane	12.47	117	45515	10.042	ug/l	100
63) Ethyl Benzene	9.57	91	314688	10.519	ug/l	100
64) m/p-Xylenes	9.70	106	250885	21.465	ug/l	98
65) o-Xylene	10.10	106	117027	10.546	ug/l	97
66) Styrene	10.11	104	205029	10.781	ug/l	100
67) Bromoform	10.29	173	29693	10.372	ug/l	97
69) Isopropylbenzene	10.48	105	306736	10.349	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	74280	9.874	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	92998	16.409	ug/l	79
72) Bromobenzene	10.78	156	66074	9.816	ug/l	97
73) n-propylbenzene	10.91	120	85626	10.275	ug/l	97
74) 2-Chlorotoluene	10.99	126	70777	10.053	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	271869	10.610	ug/l	99
76) 4-Chlorotoluene	11.10	126	76471	10.487	ug/l	96
77) tert-Butylbenzene	11.42	119	252743	10.282	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	282865	10.764	ug/l	100
79) sec-Butylbenzene	11.64	105	358736	10.253	ug/l	99
80) Nitrobenzene	13.20	77	6297	49.464	ug/l	96
81) p-Isopropyltoluene	11.79	119	294158	10.432	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	140177	9.675	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	142213	9.758	ug/l	99
84) n-Butylbenzene	12.20	91	303969	10.149	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	134904	9.660	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	12701	10.022	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	82778	9.478	ug/l	99
88) Hexachlorobutadiene	14.01	225	37095	9.352	ug/l	99
89) Naphthalene	14.08	128	191951	10.272	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	82320	9.984	ug/l	100

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 21675

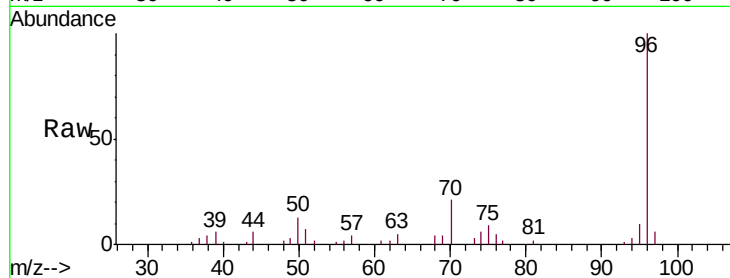
Ion Ratio Lower Upper

96 100

70 21.0 16.3 24.5

95 9.4 6.8 10.2

97 0.0 0.0 0.0

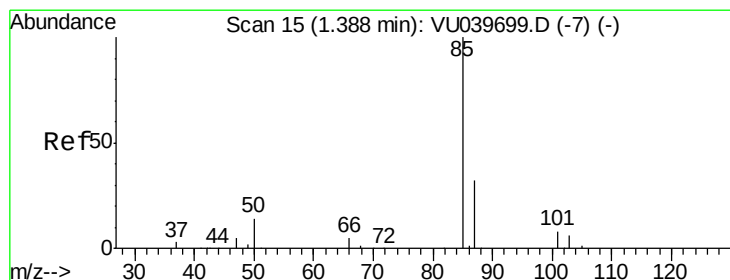
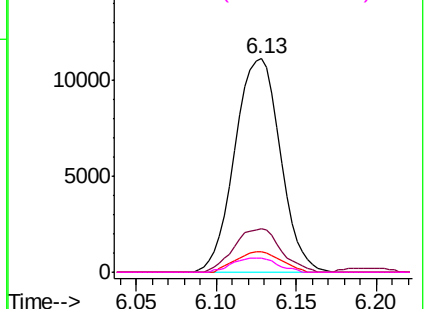
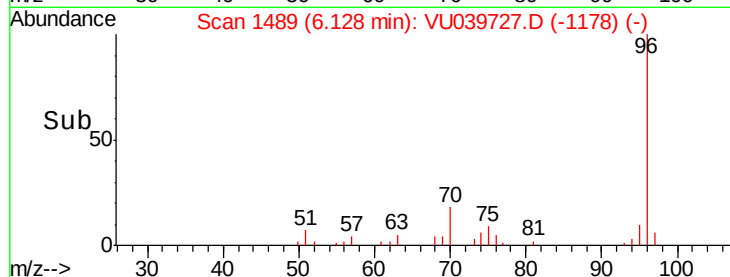


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.580 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU039727.D

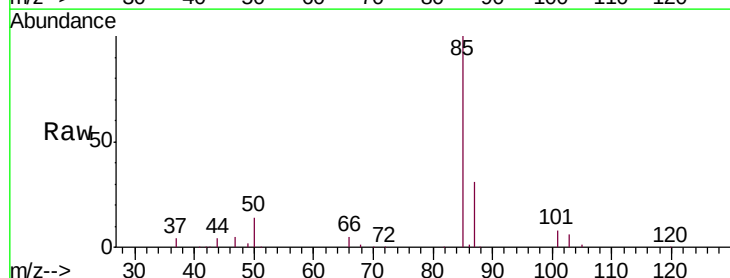
Acq: 30 Jul 2020 18:59

Tgt Ion: 85 Resp: 72153

Ion Ratio Lower Upper

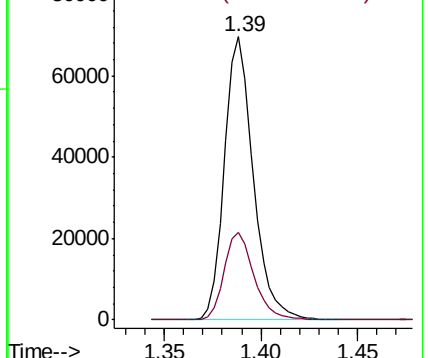
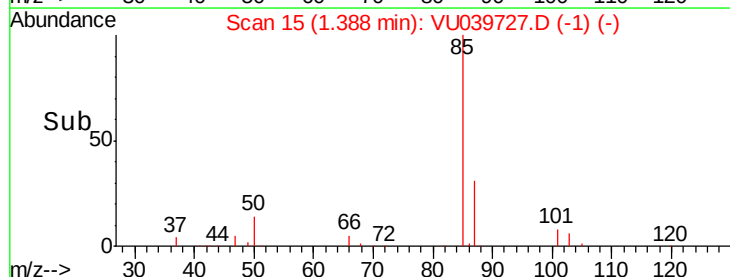
85 100

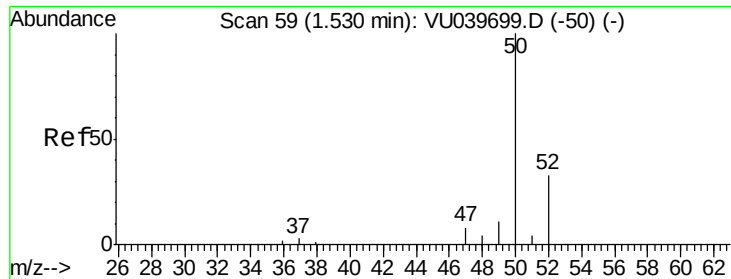
87 31.1 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

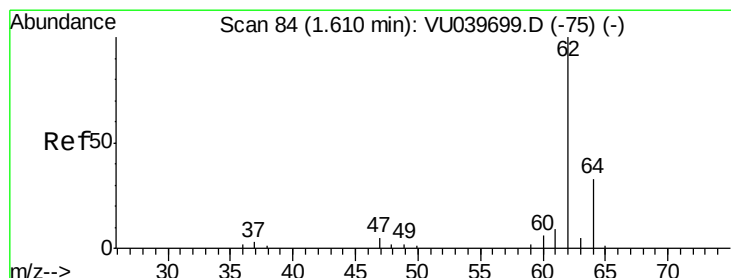
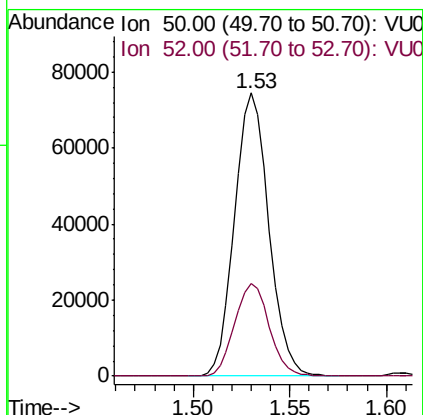
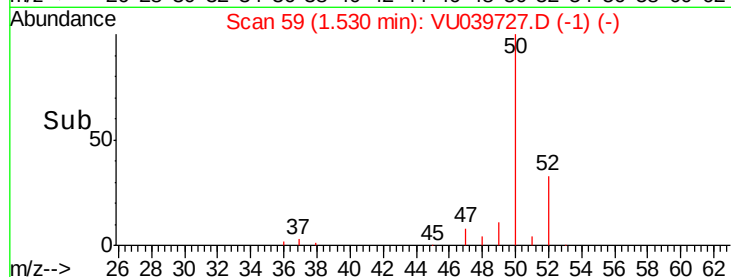
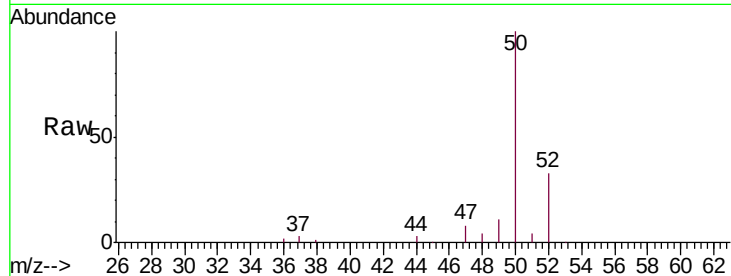




#3
Chloromethane
Concen: 9.803 ug/l
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

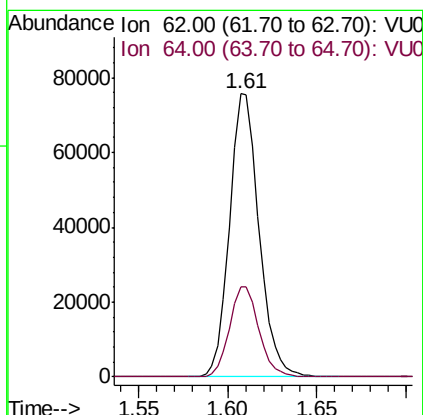
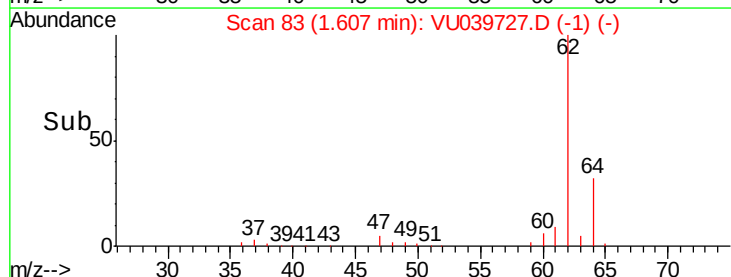
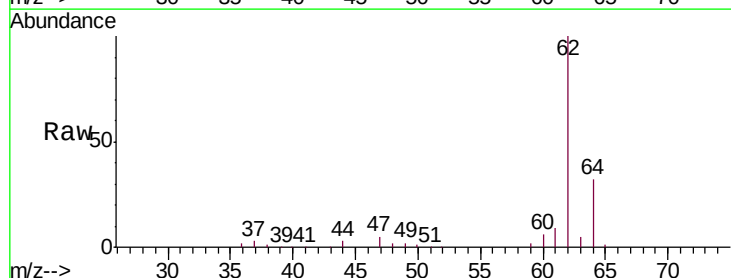
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

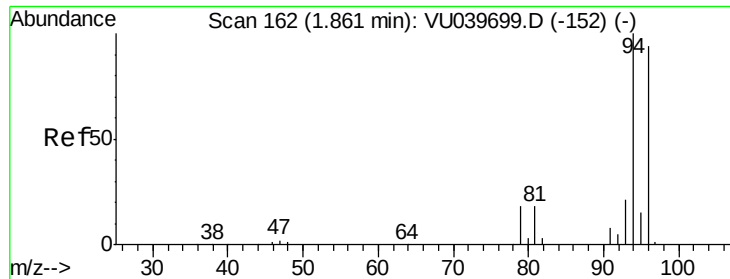
Tgt Ion: 50 Resp: 91722
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 10.054 ug/l
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 62 Resp: 86694
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5

Bromomethane

Concen: 9.511 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

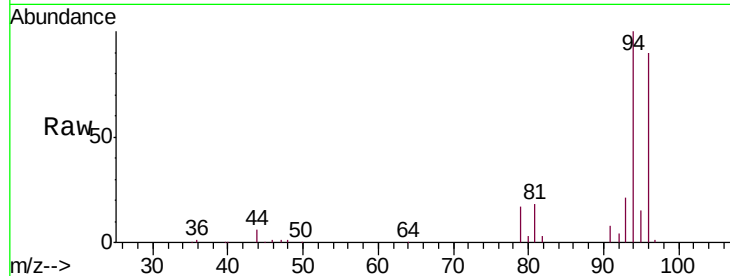
VSTDCCC010EC

Tgt Ion: 94 Resp: 56091

Ion Ratio Lower Upper

94 100

96 89.8 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039727.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039727.D (-152) (-)

1.86

40000

30000

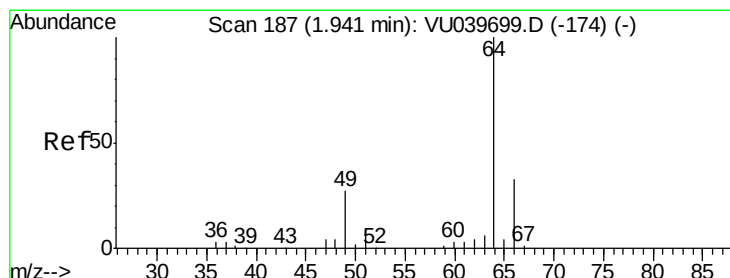
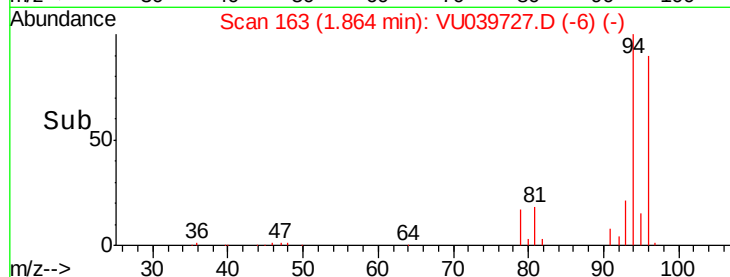
20000

10000

0

1.80 1.85 1.90 1.95

Time-->



#6

Chloroethane

Concen: 12.202 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039727.D

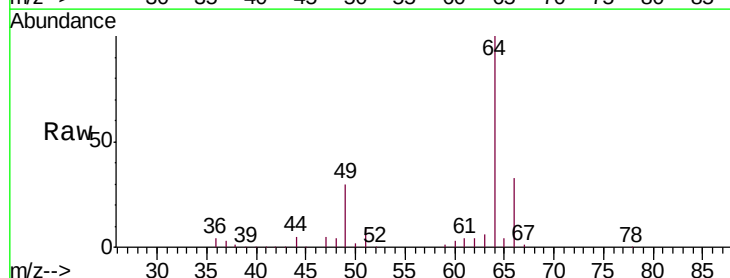
Acq: 30 Jul 2020 18:59

Tgt Ion: 64 Resp: 73005

Ion Ratio Lower Upper

64 100

66 33.4 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039727.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039727.D (-174) (-)

1.94

60000

50000

40000

30000

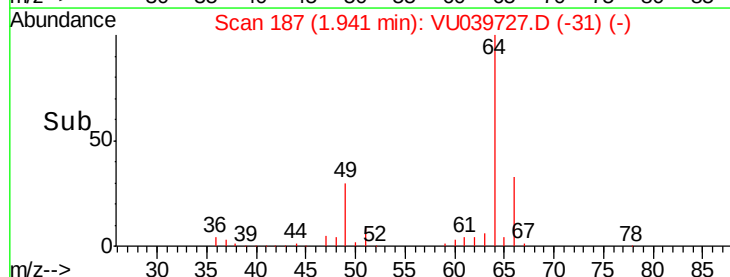
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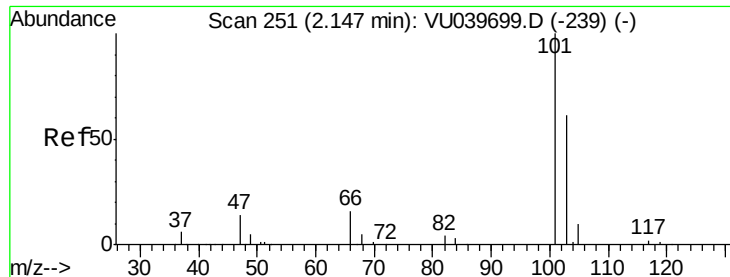
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0

1.90 1.95 2.00

Time-->



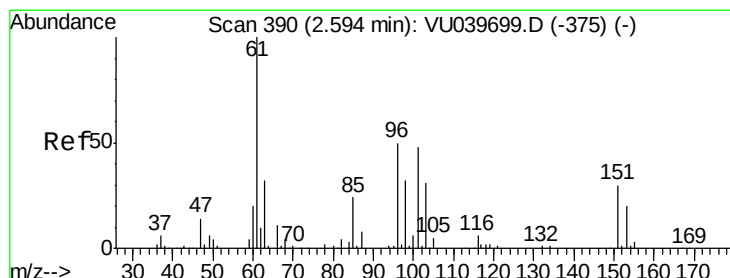
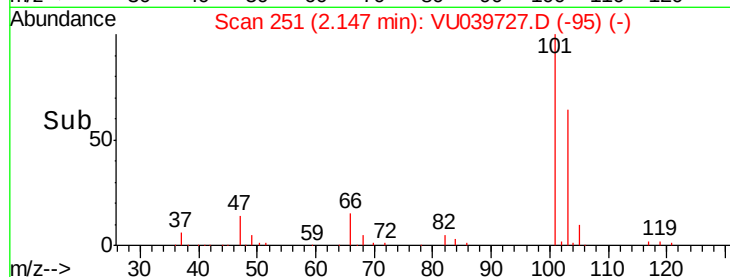
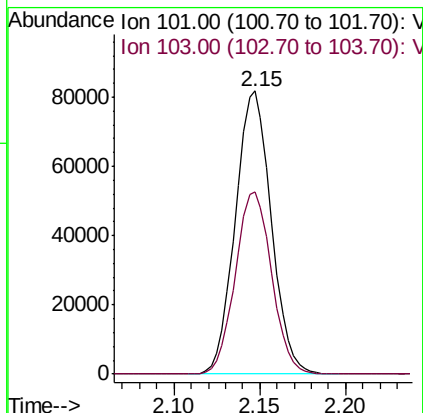
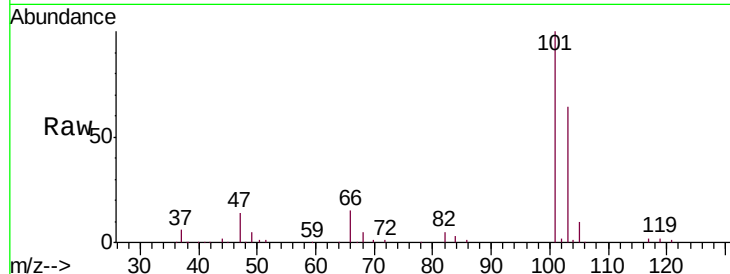


#7

Trichlorofluoromethane
Concen: 10.406 ug/l
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

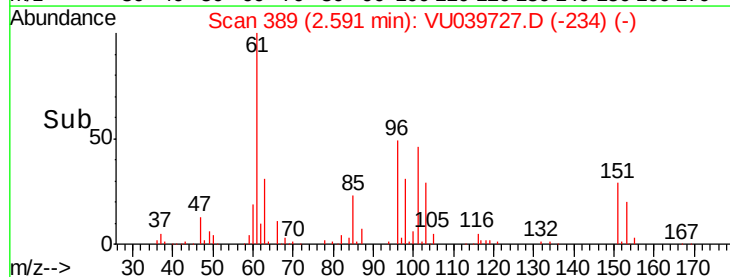
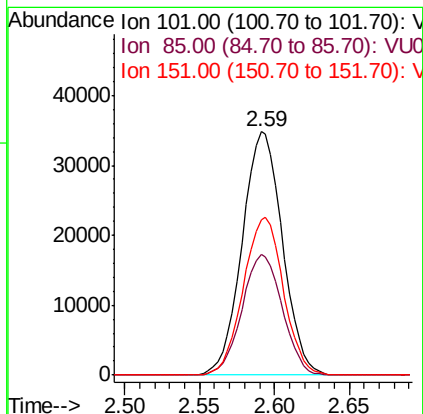
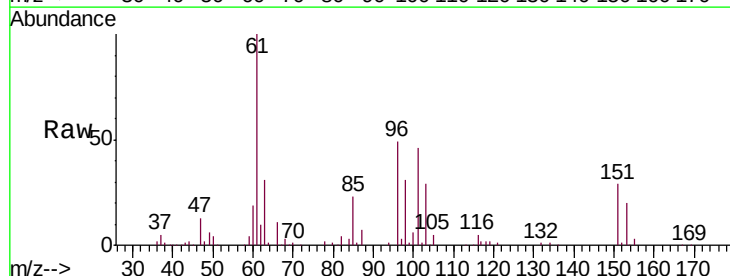
Tgt Ion:101 Resp: 118680
Ion Ratio Lower Upper
101 100
103 64.5 48.8 73.2

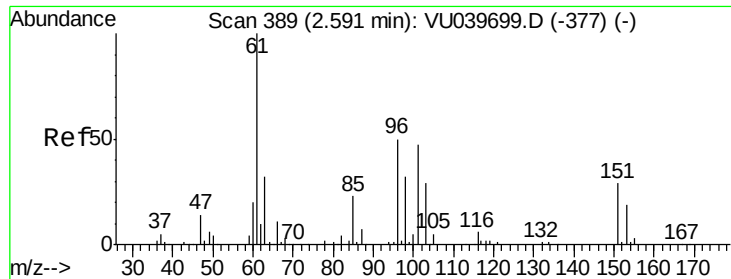


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.992 ug/l
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:101 Resp: 65401
Ion Ratio Lower Upper
101 100
85 49.4 39.9 59.9
151 64.3 51.0 76.4





#9

1,1-Dichloroethene

Concen: 10.032 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

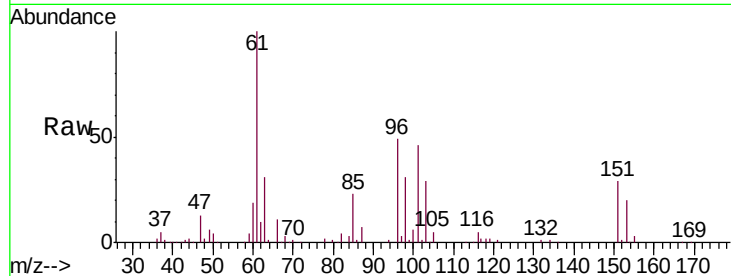
Tgt Ion: 96 Resp: 60419

Ion Ratio Lower Upper

96 100

61 202.7 0.0 604.5

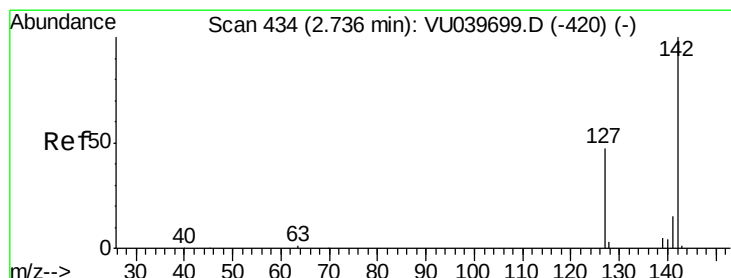
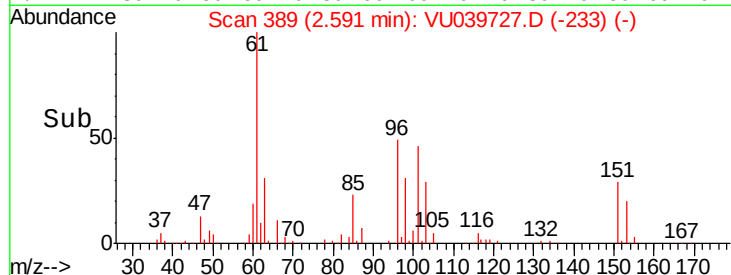
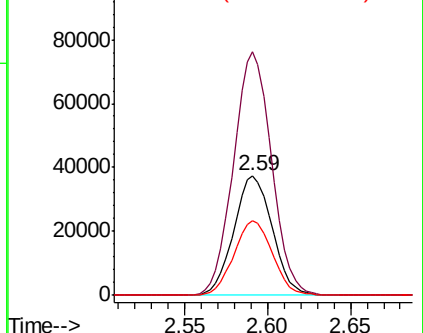
98 62.5 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039727.D (-233) (-)

Ion 61.00 (60.70 to 61.70): VU039727.D (-233) (-)

Ion 98.00 (97.70 to 98.70): VU039727.D (-233) (-)



#10

Iodomethane

Concen: 13.243 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039727.D

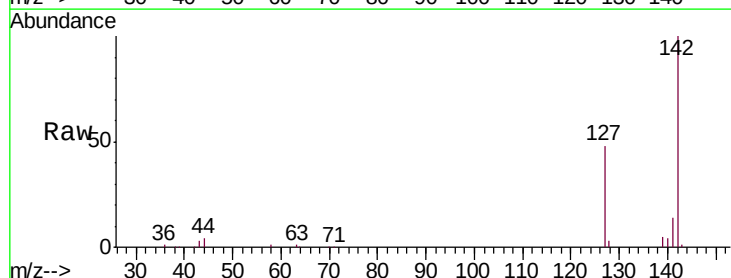
Acq: 30 Jul 2020 18:59

Tgt Ion: 142 Resp: 80441

Ion Ratio Lower Upper

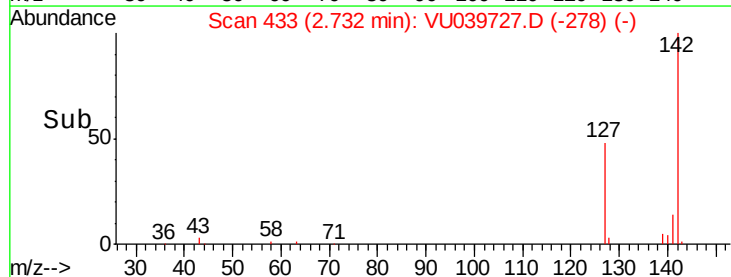
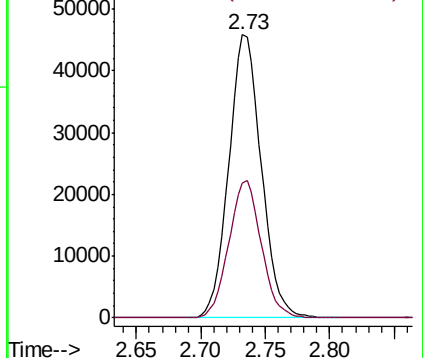
142 100

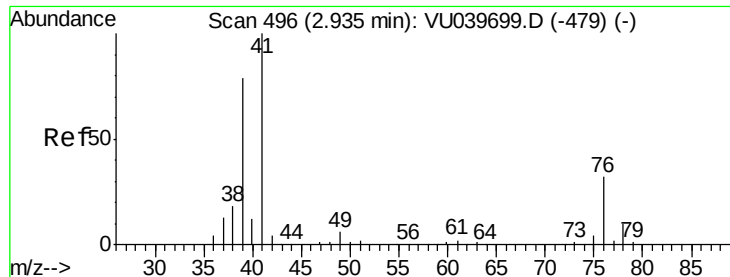
127 48.2 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039727.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU039727.D (-278) (-)

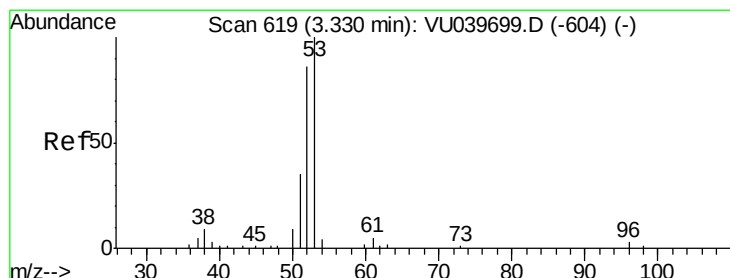
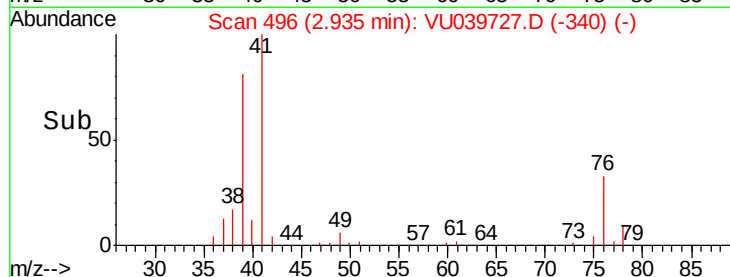
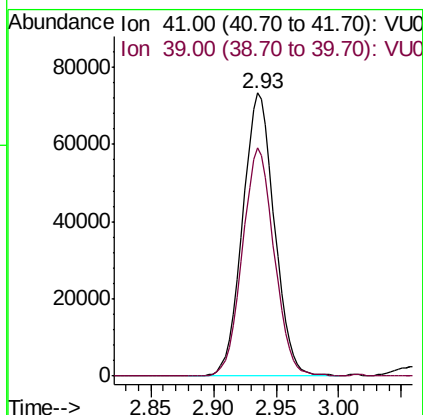
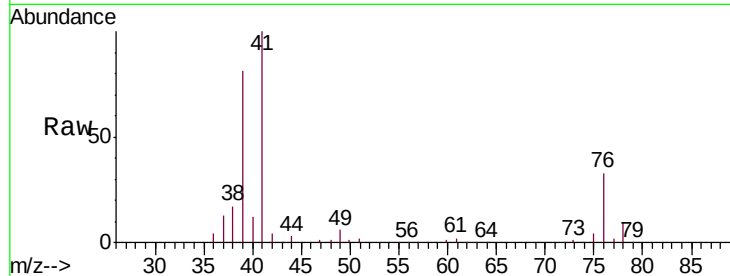




#11
 Allyl Chloride
 Concen: 9.969 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

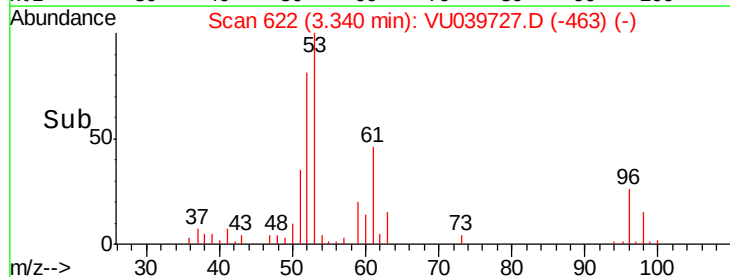
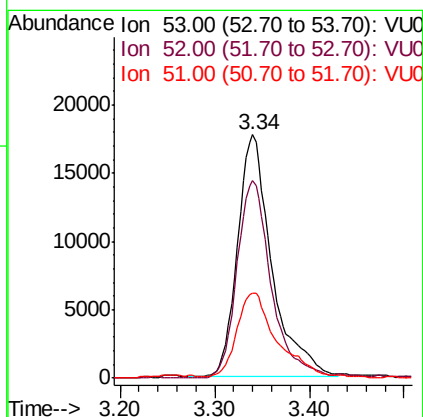
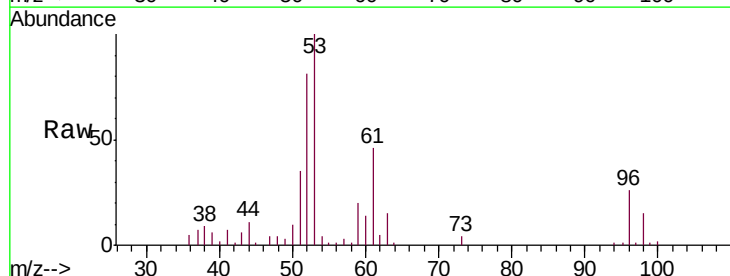
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

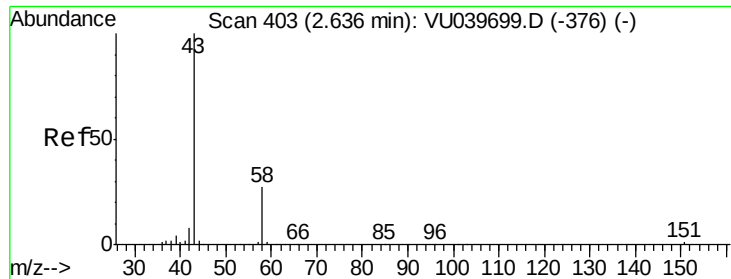
Tgt Ion: 41 Resp: 129506
 Ion Ratio Lower Upper
 41 100
 39 80.6 64.2 96.2



#12
 Acrylonitrile
 Concen: 21.085 ug/l
 RT: 3.34 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion: 53 Resp: 44571
 Ion Ratio Lower Upper
 53 100
 52 81.8 69.1 103.7
 51 39.1 29.4 44.2





#13

Acetone

Concen: 47.920 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.02 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

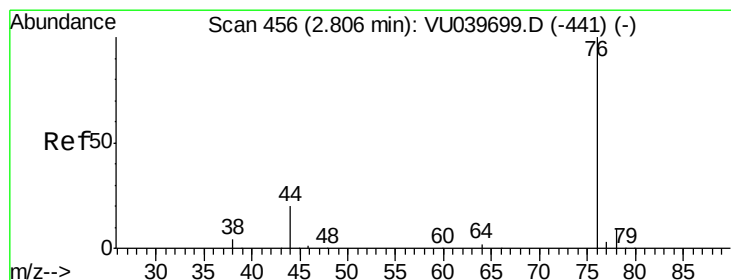
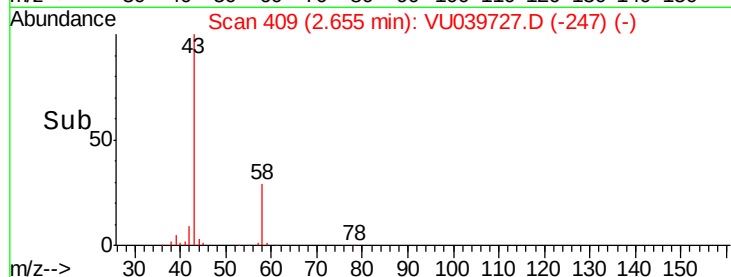
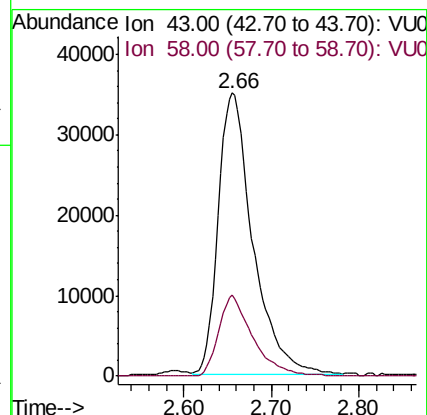
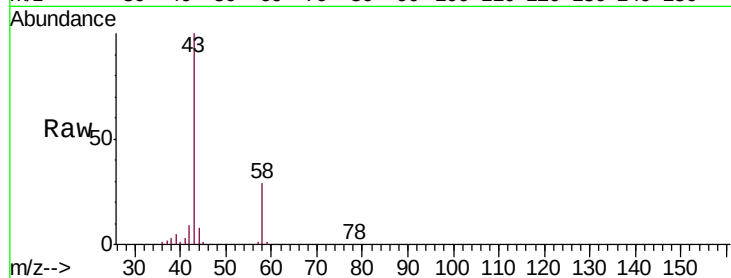
VSTDCCC010EC

Tgt Ion: 43 Resp: 95312

Ion Ratio Lower Upper

43 100

58 28.8 21.8 32.6



#14

Carbon Disulfide

Concen: 9.963 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039727.D

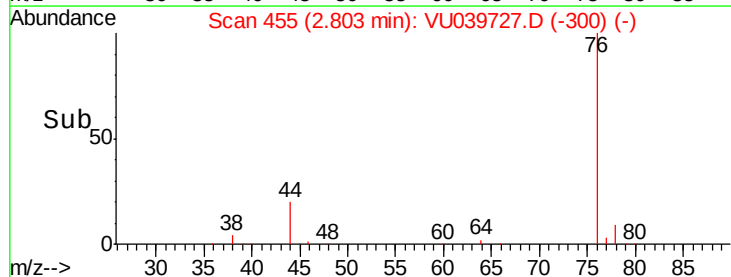
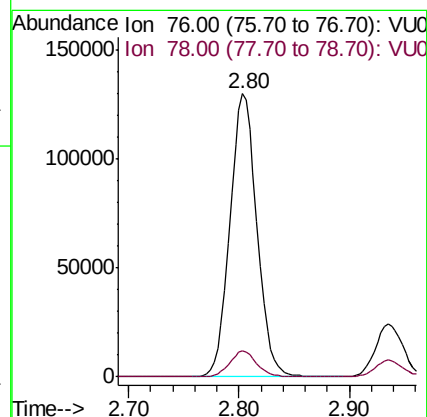
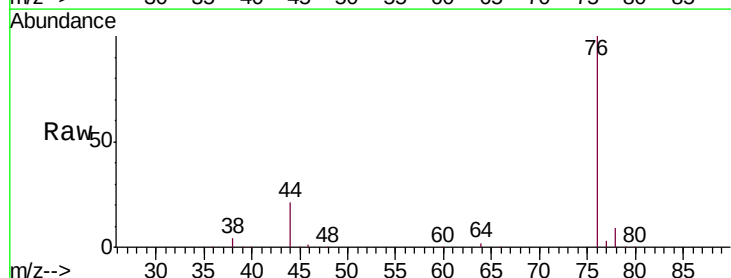
Acq: 30 Jul 2020 18:59

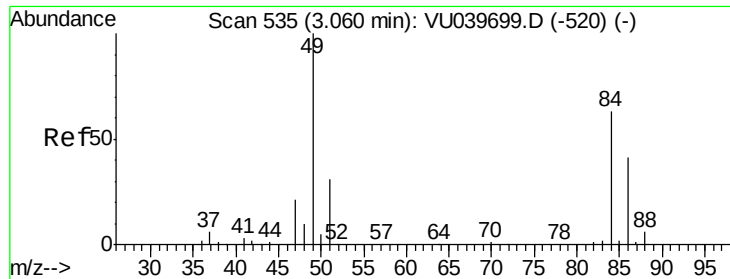
Tgt Ion: 76 Resp: 220039

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

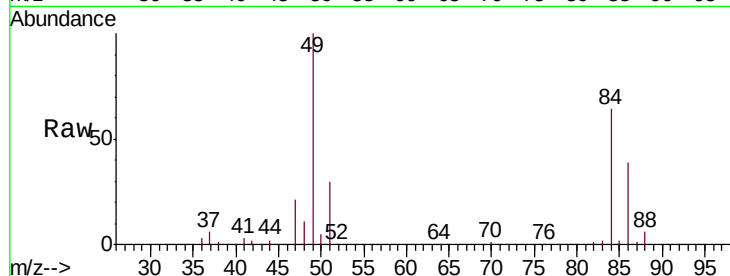




#15
Methylene Chloride
Concen: 9.874 ug/l
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 84 Resp: 82893
Ion Ratio Lower Upper
84 100
49 156.7 126.8 190.2
51 47.7 0.0 97.2
86 61.5 51.4 77.2



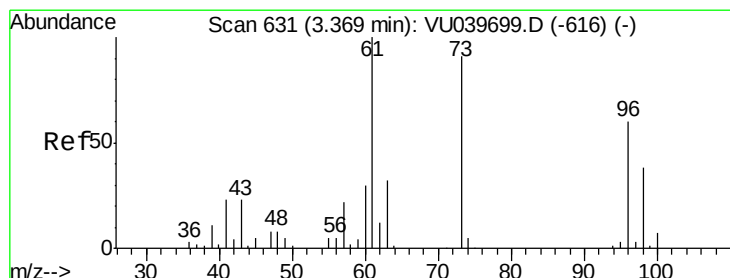
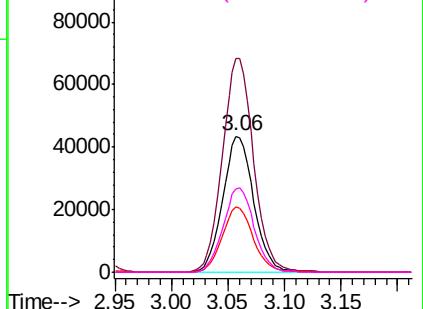
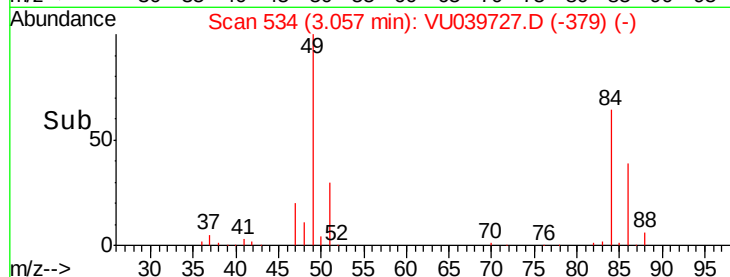
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

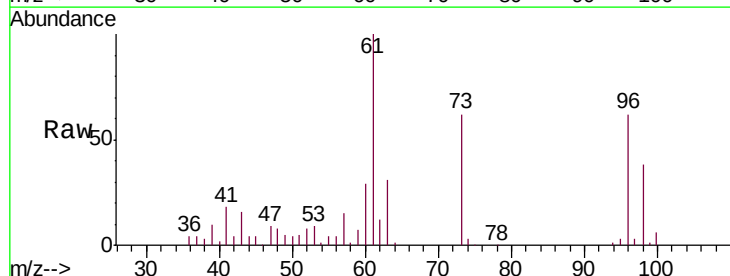
Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 10.087 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 96 Resp: 69064
Ion Ratio Lower Upper
96 100
61 162.1 132.6 199.0
98 62.2 50.2 75.2

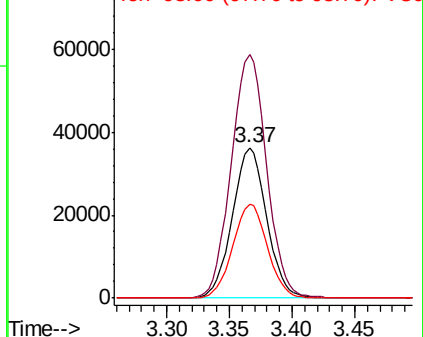
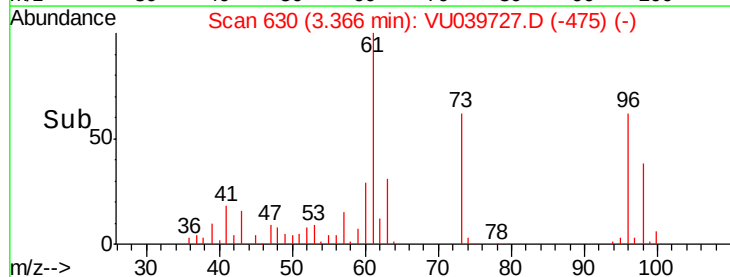


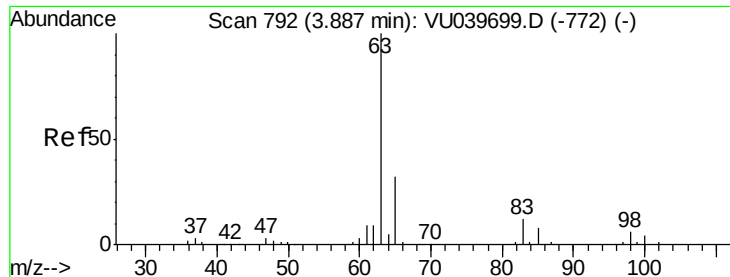
Abundance

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

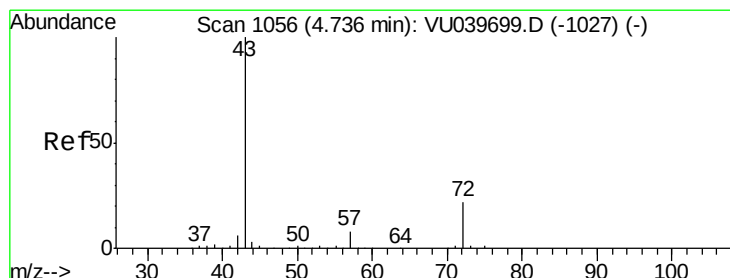
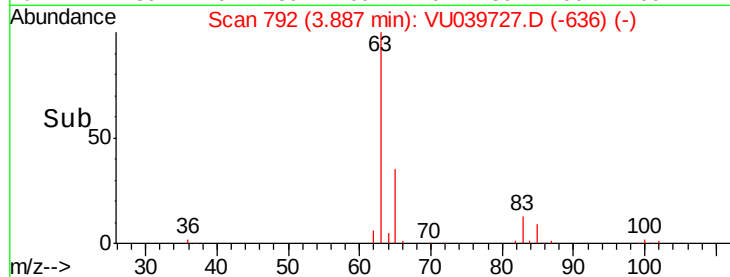
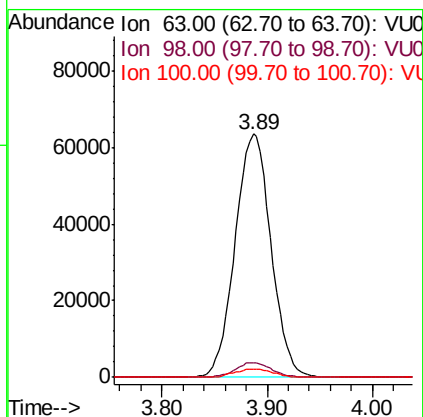
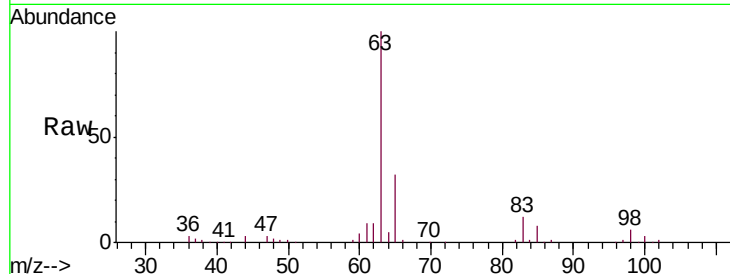




#17
 1,1-Dichloroethane
 Concen: 9.976 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

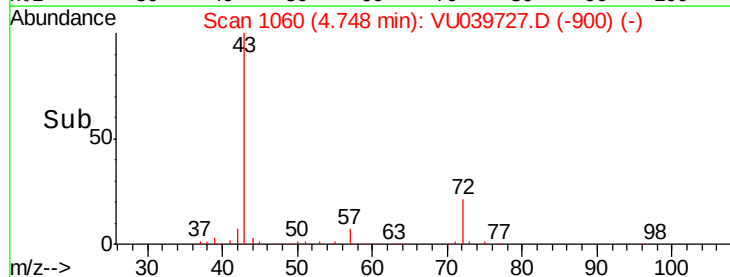
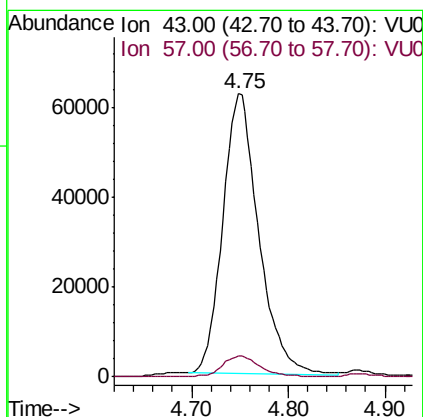
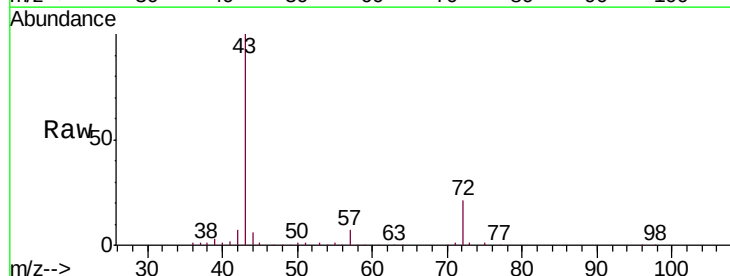
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

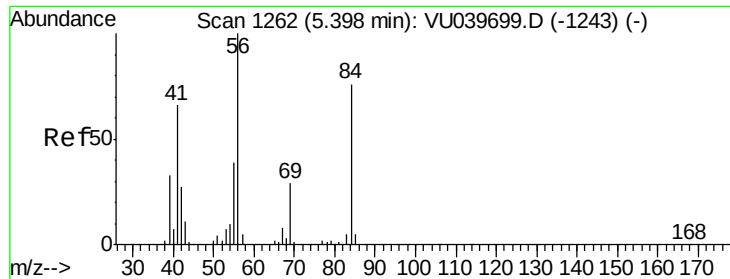
Tgt Ion:	63	Resp:	150000
Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.7
100	3.4	2.0	6.0



#18
 2-Butanone
 Concen: 47.968 ug/l
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion:	43	Resp:	160437
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	15.2

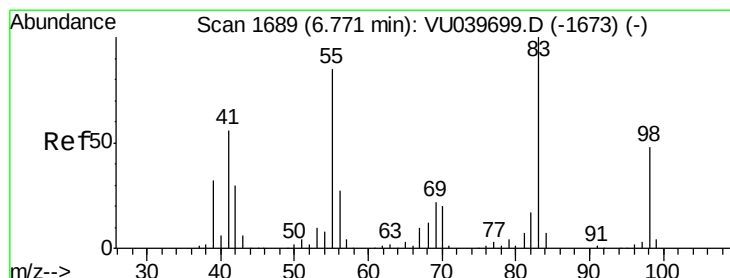
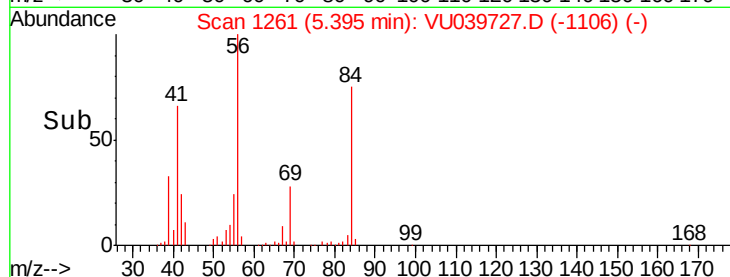
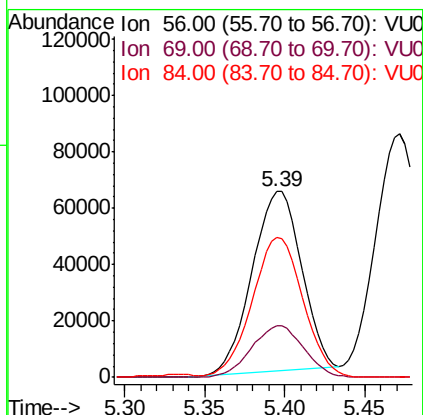
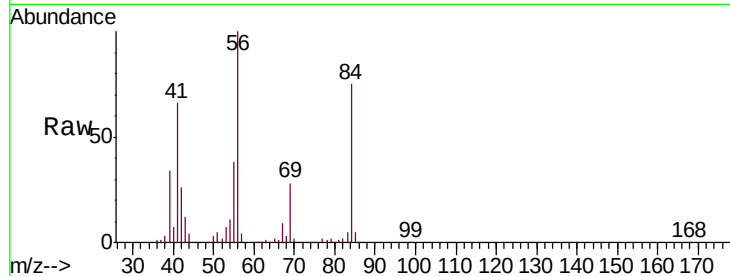




#19
Cyclohexane
Concen: 9.294 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

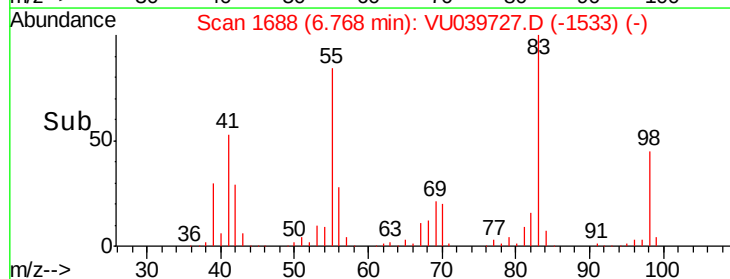
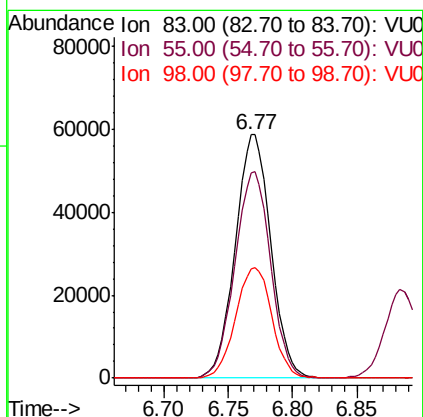
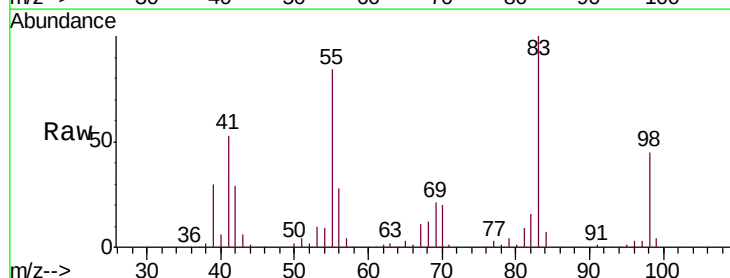
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

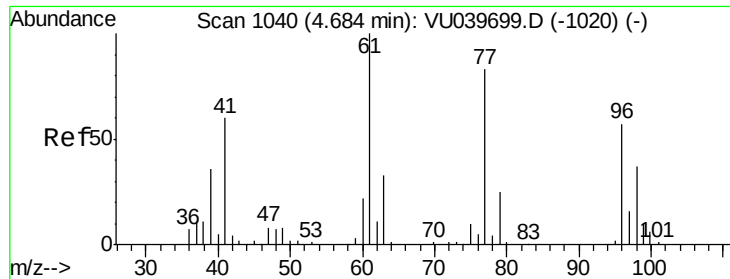
Tgt Ion: 56 Resp: 135250
Ion Ratio Lower Upper
56 100
69 30.4 22.8 34.2
84 79.2 59.9 89.9



#20
Methylcyclohexane
Concen: 10.457 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 83 Resp: 112764
Ion Ratio Lower Upper
83 100
55 85.0 67.6 101.4
98 46.3 37.3 55.9

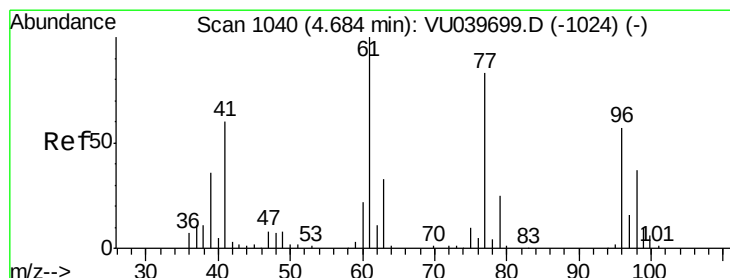
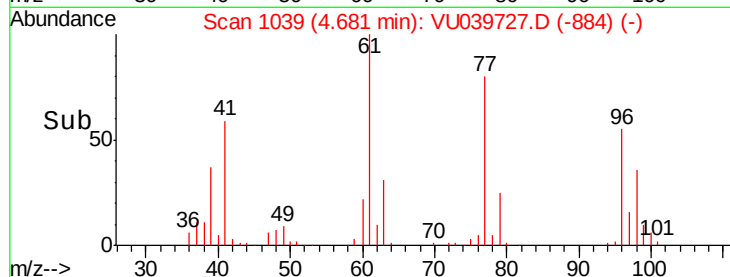
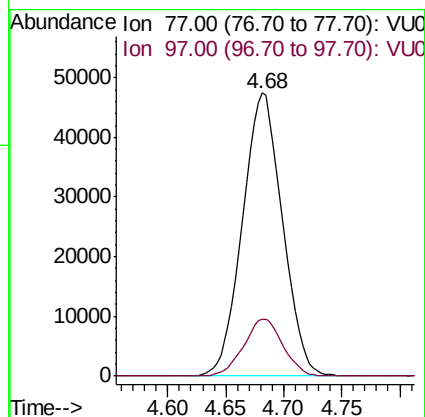
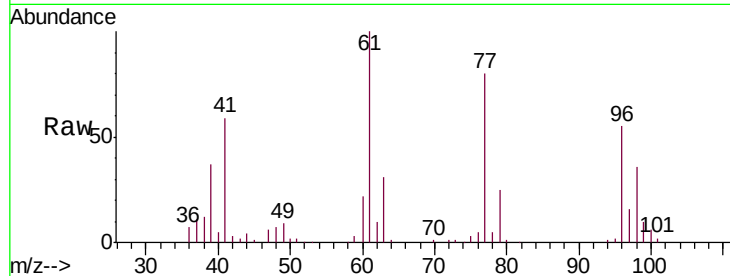




#21
 2,2-Dichloropropane
 Concen: 9.274 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

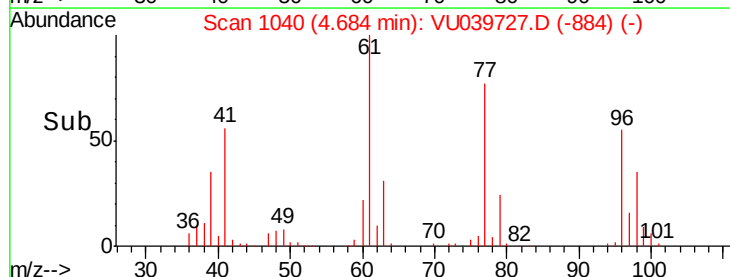
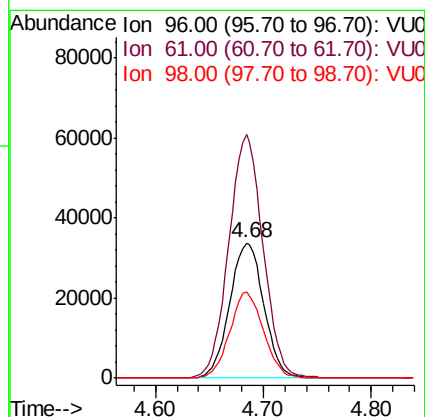
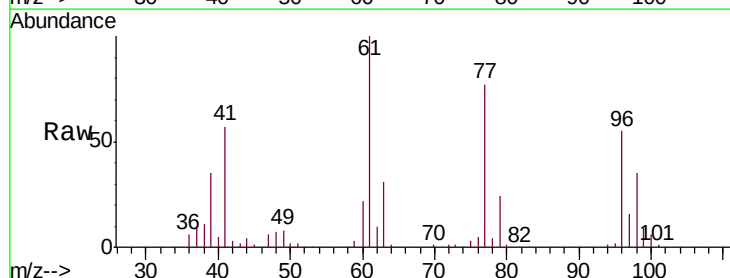
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

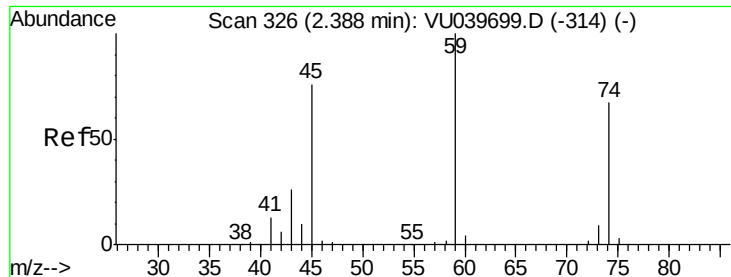
Tgt Ion: 77 Resp: 113742
 Ion Ratio Lower Upper
 77 100
 97 19.7 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 10.066 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion: 96 Resp: 74292
 Ion Ratio Lower Upper
 96 100
 61 180.2 0.0 451.3
 98 63.0 32.6 98.0

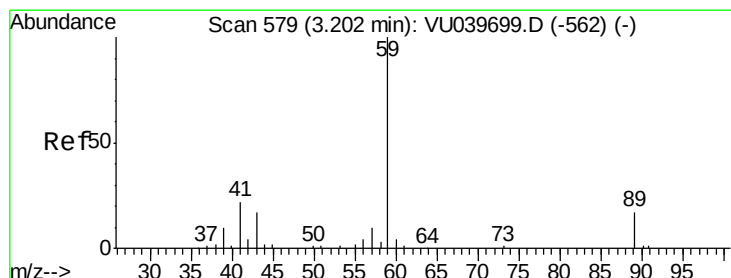
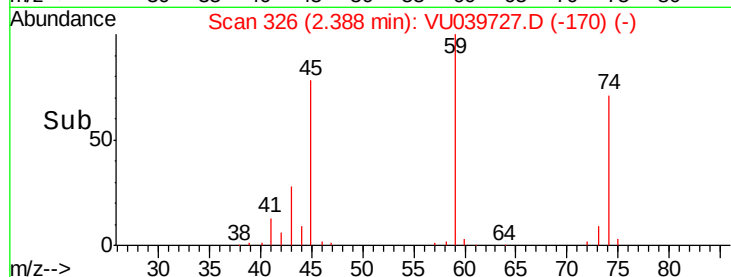
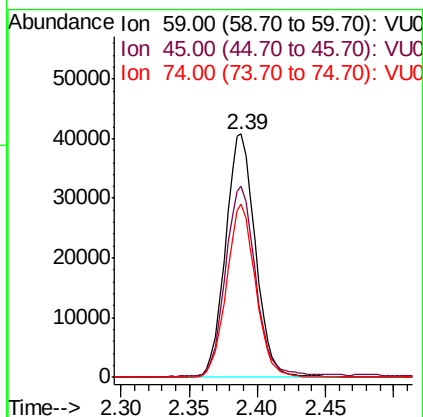
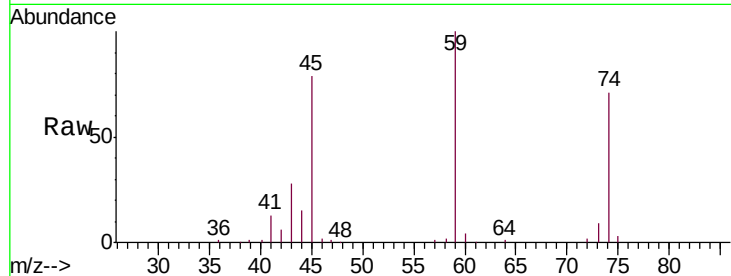




#23
Diethyl Ether
Concen: 10.090 ug/l
RT: 2.39 min Scan# 326
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

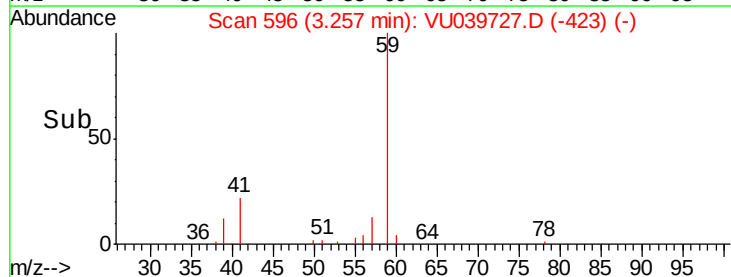
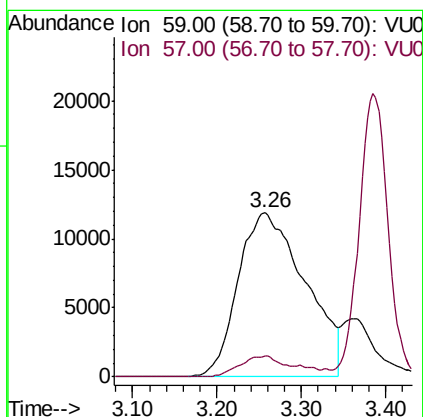
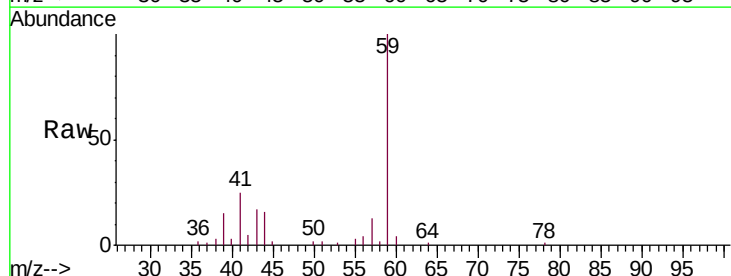
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

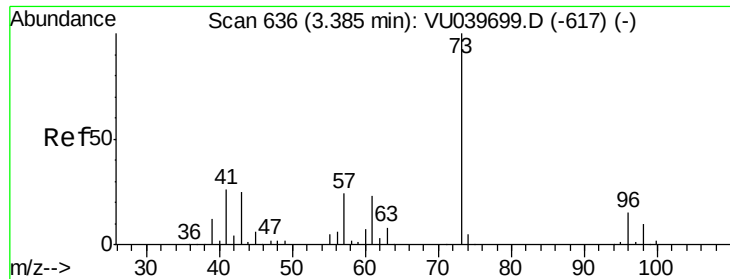
Tgt Ion: 59 Resp: 62130
Ion Ratio Lower Upper
59 100
45 80.9 61.5 92.3
74 69.1 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 88.523 ug/l
RT: 3.26 min Scan# 596
Delta R.T. 0.06 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 59 Resp: 65585
Ion Ratio Lower Upper
59 100
57 8.2 7.8 11.6



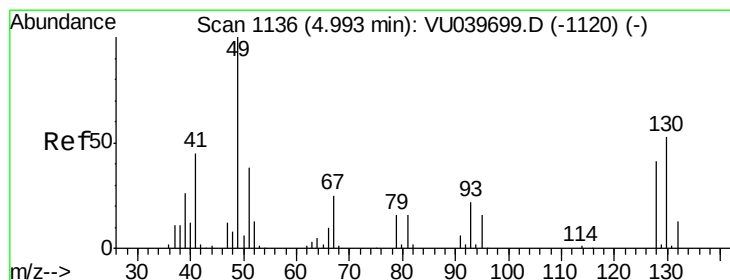
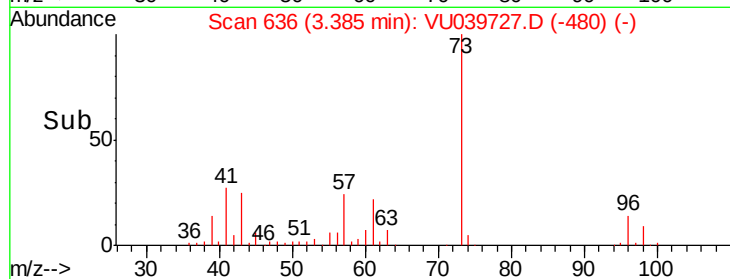
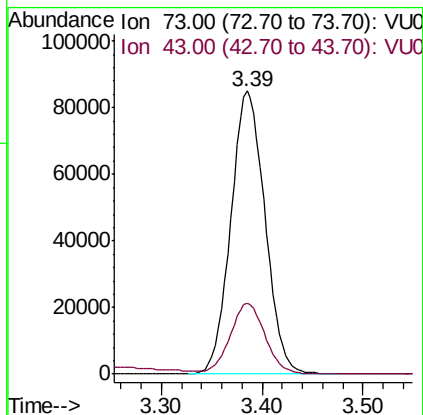
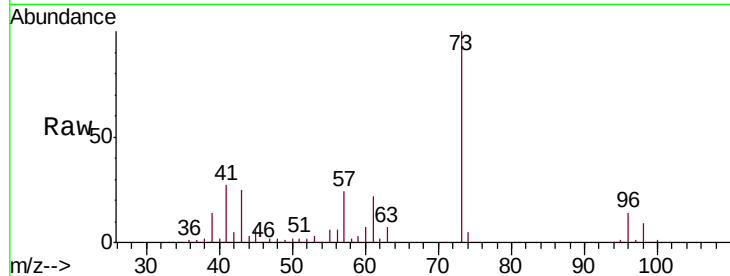


#25

Methyl tert-Butyl Ether
Concen: 10.177 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

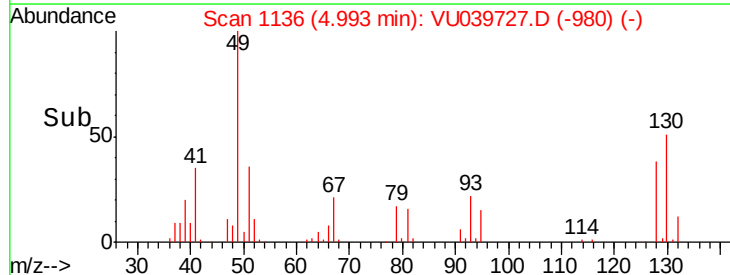
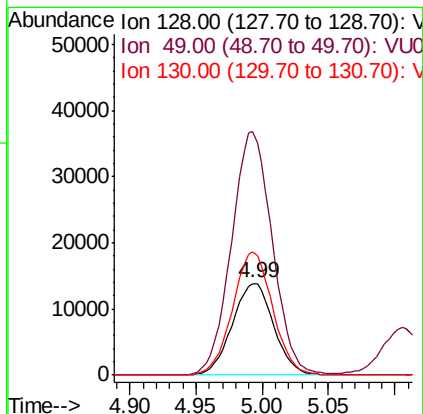
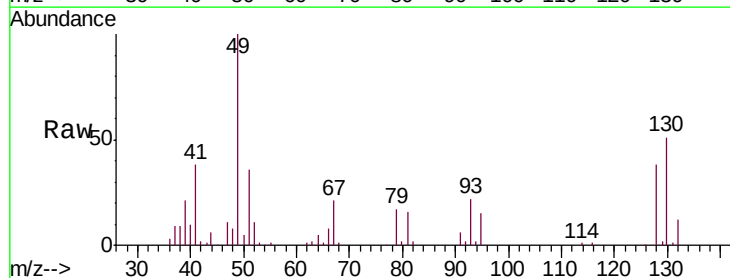
Tgt Ion: 73 Resp: 199979
Ion Ratio Lower Upper
73 100
43 25.3 20.1 30.1

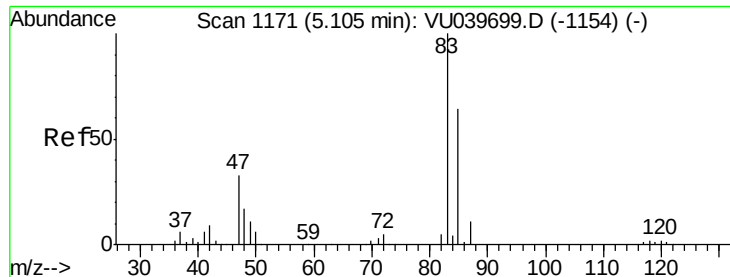


#26

Bromochloromethane
Concen: 9.968 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 128 Resp: 30100
Ion Ratio Lower Upper
128 100
49 261.7 0.0 503.8
130 129.9 102.7 154.1

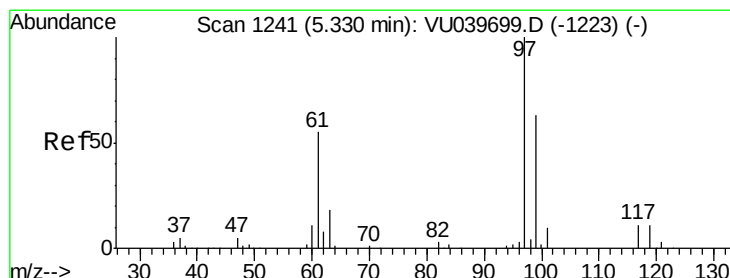
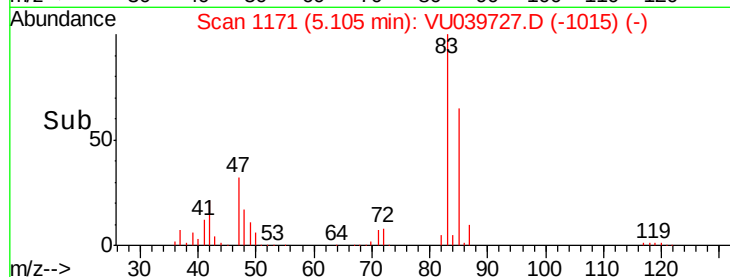
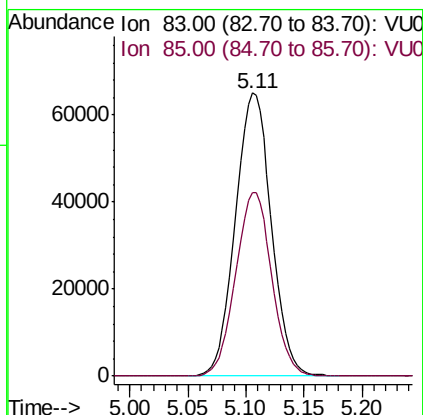
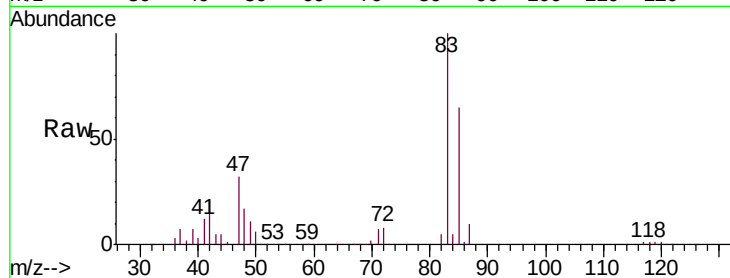




#27
Chloroform
Concen: 9.960 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

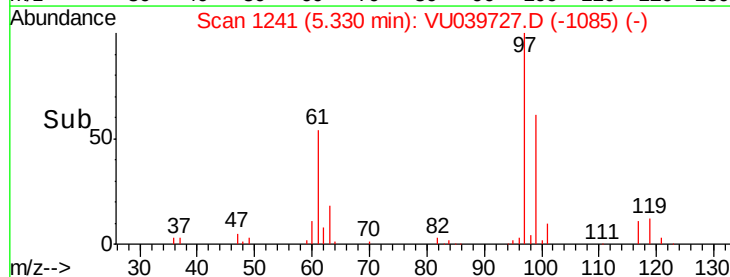
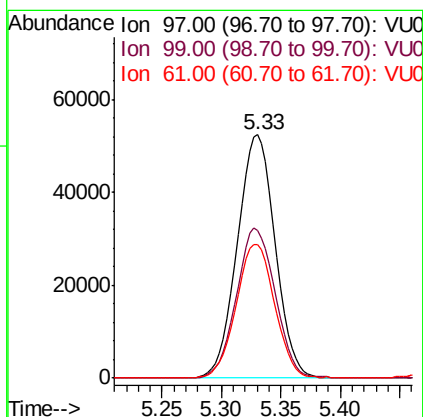
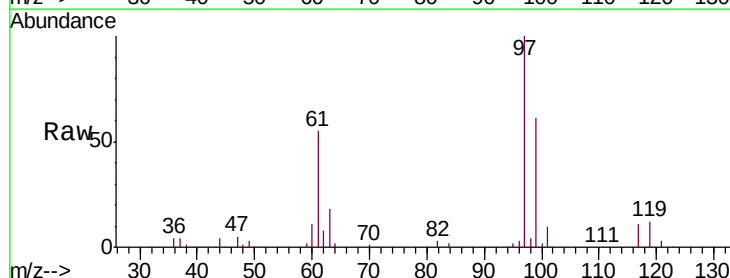
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

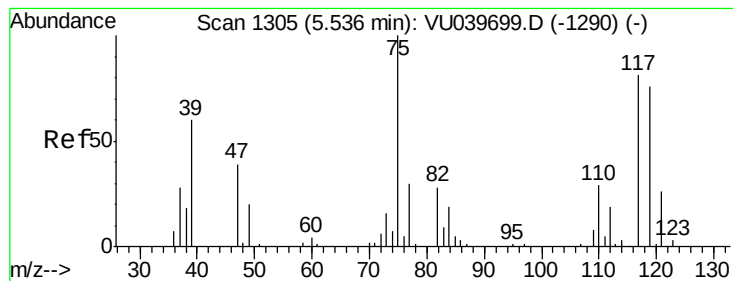
Tgt Ion: 83 Resp: 140145
Ion Ratio Lower Upper
83 100
85 65.1 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 10.150 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 97 Resp: 115564
Ion Ratio Lower Upper
97 100
99 63.3 32.2 96.6
61 55.9 28.3 85.0





#29

1,1-Dichloropropene

Concen: 9.776 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

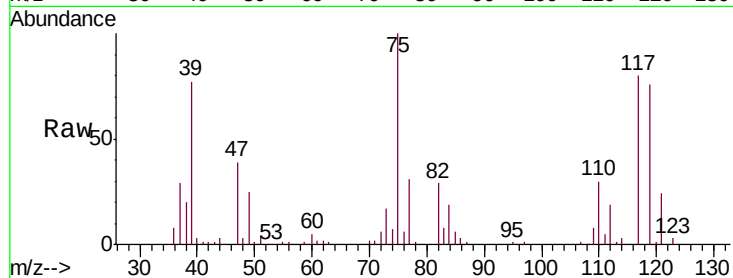
Tgt Ion: 75 Resp: 107181

Ion Ratio Lower Upper

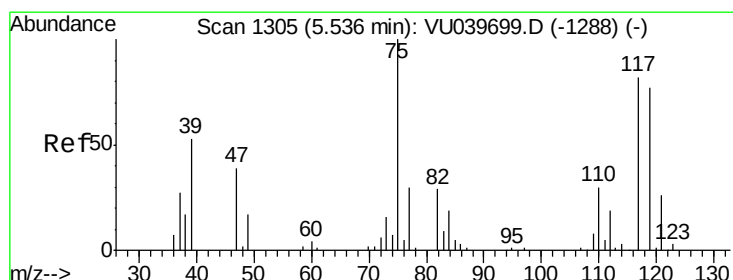
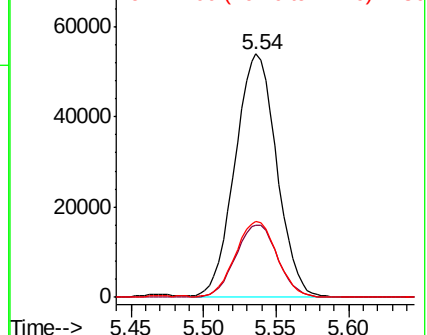
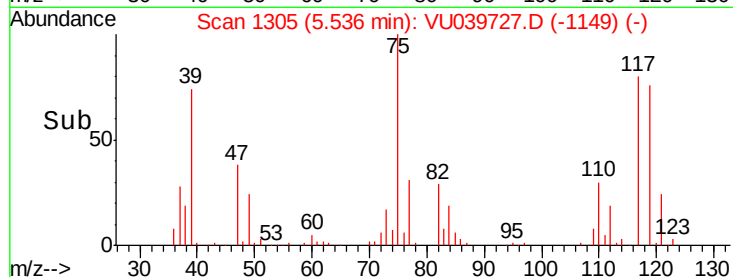
75 100

110 30.3 14.6 44.0

77 31.4 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039727.D (-1149) (-)



#30

Carbon Tetrachloride

Concen: 9.997 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

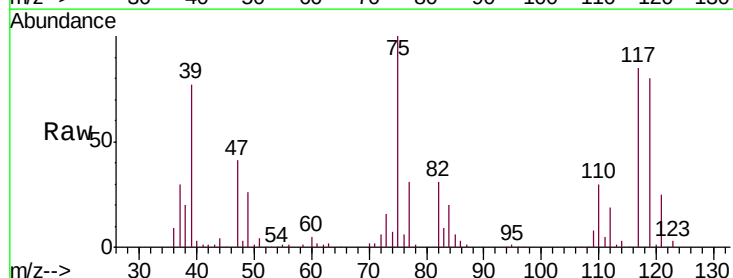
Tgt Ion: 117 Resp: 93070

Ion Ratio Lower Upper

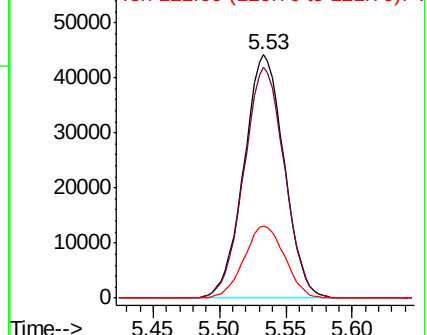
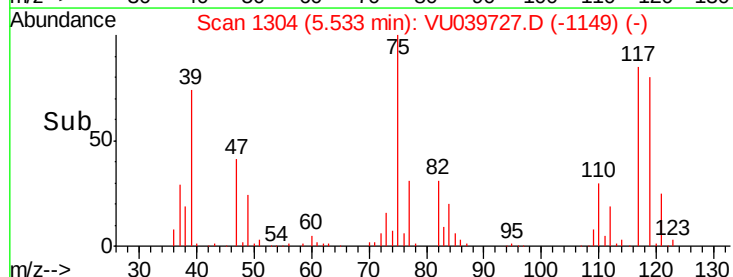
117 100

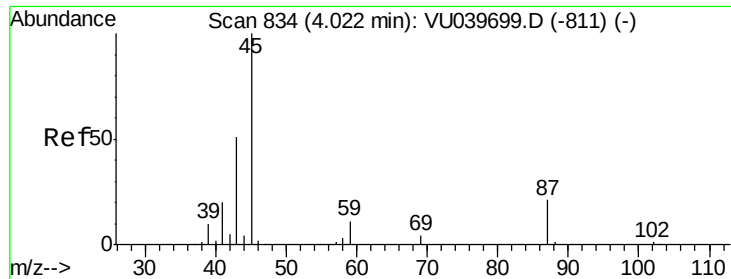
119 94.6 75.2 112.8

121 29.7 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): VU039727.D (-1149) (-)





#31

Isopropyl Ether

Concen: 10.086 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

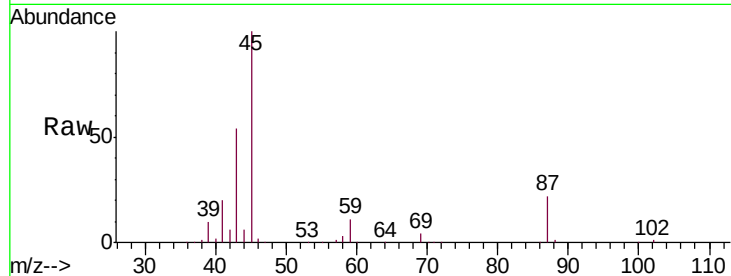
VSTDCCC010EC

Tgt Ion: 45 Resp: 276573

Ion Ratio Lower Upper

45 100

43 52.7 26.5 79.4

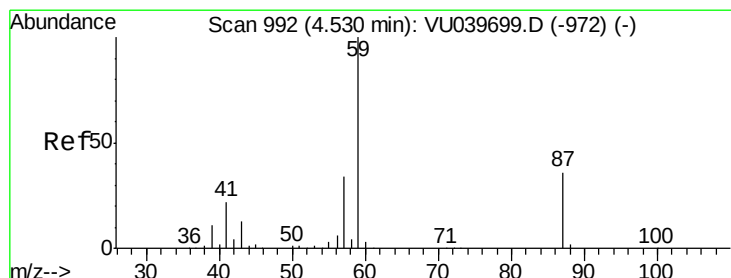
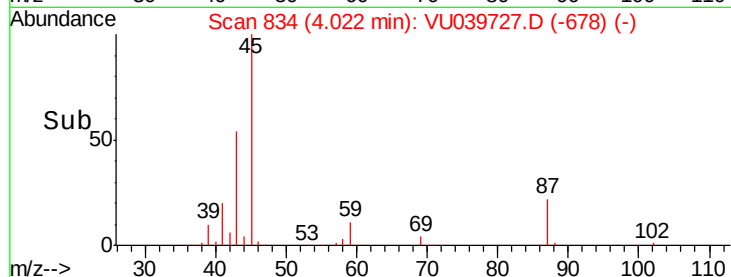


Abundance Ion 45.00 (44.70 to 45.70): VU039699.D (-811) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-811) (-)

4.02

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.157 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039727.D

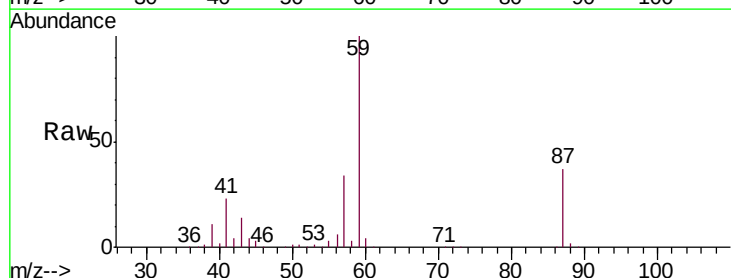
Acq: 30 Jul 2020 18:59

Tgt Ion: 59 Resp: 237022

Ion Ratio Lower Upper

59 100

87 36.7 29.4 44.0

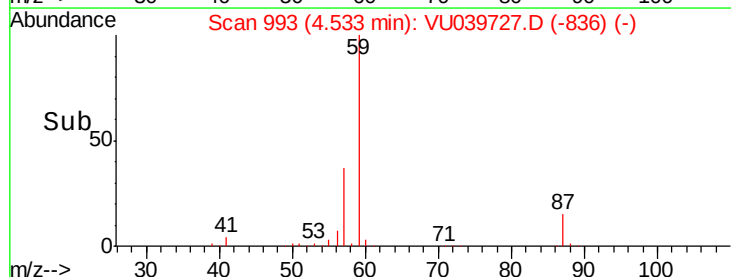


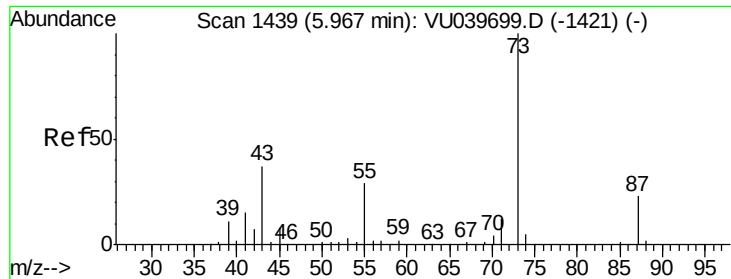
Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-972) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-972) (-)

4.53

Time-->

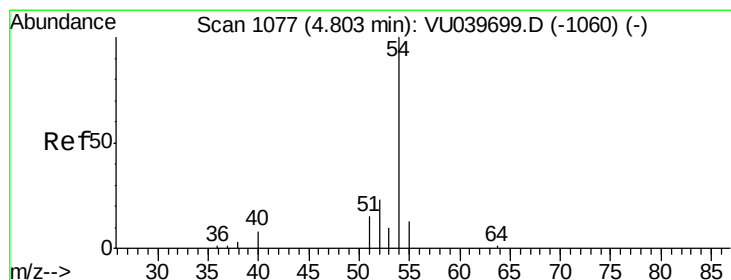
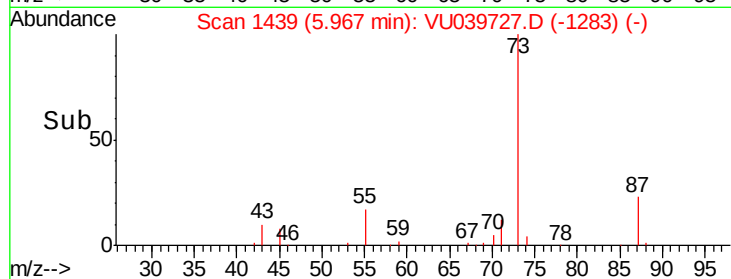
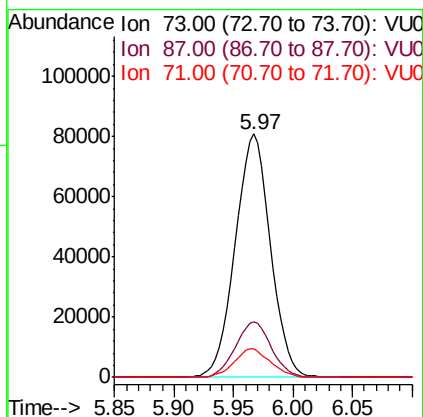
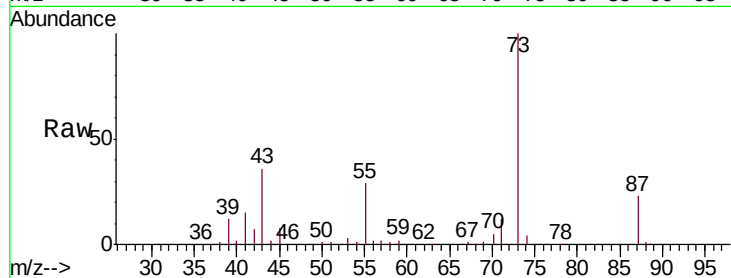




#33
Tert-Amyl methyl ether
Concen: 9.780 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

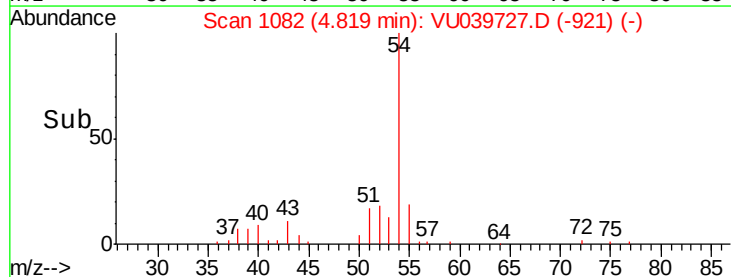
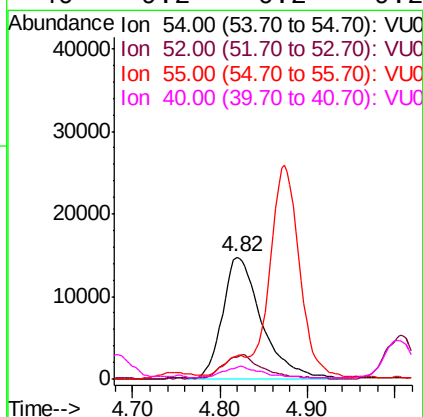
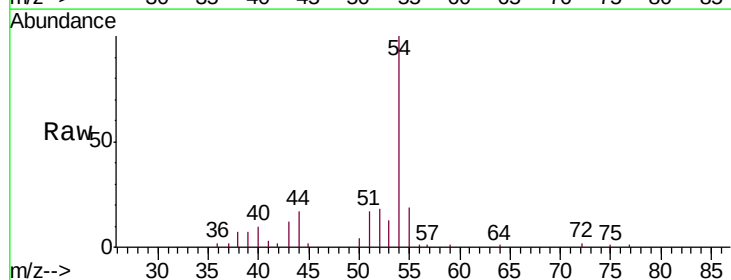
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

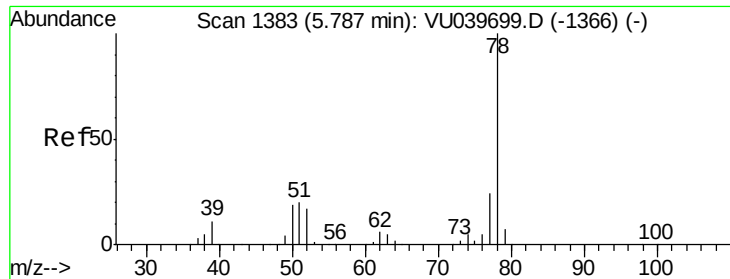
Tgt Ion: 73 Resp: 164543
Ion Ratio Lower Upper
73 100
87 23.3 18.7 28.1
71 12.1 9.1 13.7



#34
Propionitrile
Concen: 55.644 ug/l
RT: 4.82 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 54 Resp: 45912
Ion Ratio Lower Upper
54 100
52 20.3 16.9 25.3
55 10.5 12.9 19.3#
40 9.2 6.2 9.2





#35

Benzene

Concen: 9.733 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

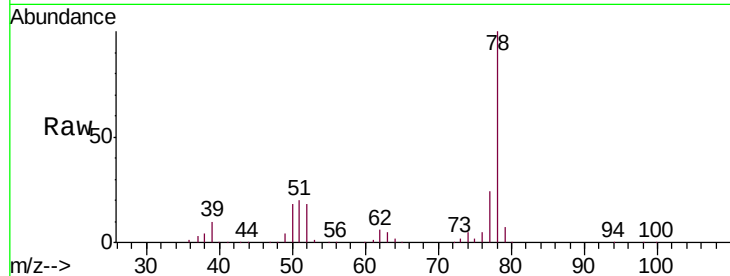
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 263964

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039727.D (-1227) (-)

Ion 77.00 (76.70 to 77.70): VU039727.D (-1227) (-)

5.79

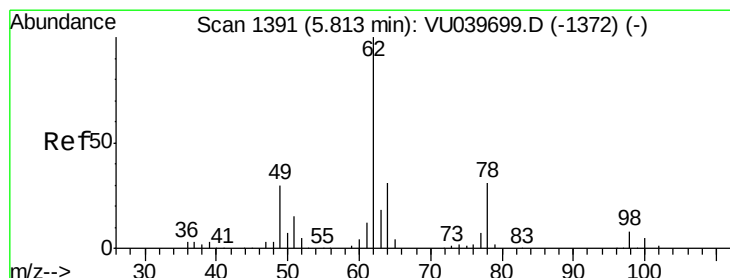
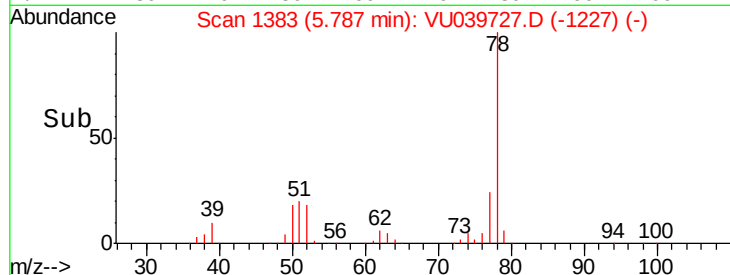
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.616 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU039727.D

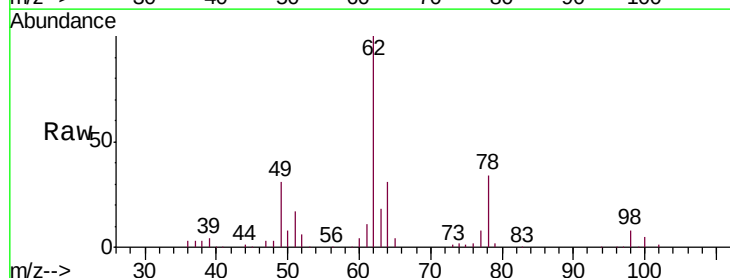
Acq: 30 Jul 2020 18:59

Tgt Ion: 62 Resp: 97765

Ion Ratio Lower Upper

62 100

98 7.8 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039727.D (-1235) (-)

Ion 98.00 (97.70 to 98.70): VU039727.D (-1235) (-)

5.81

50000

40000

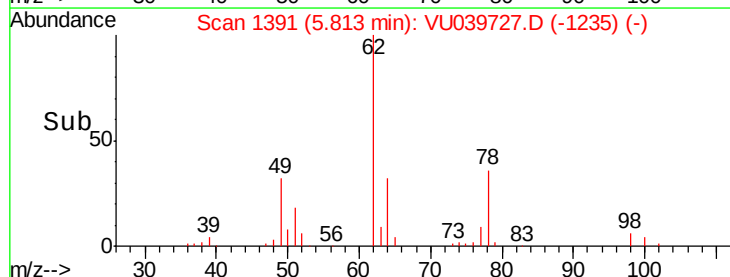
30000

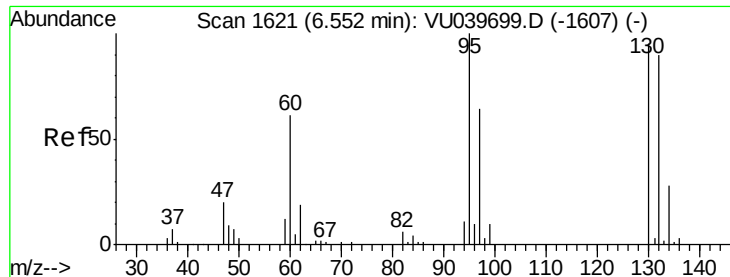
20000

10000

0

Time-->





#37

Trichloroethene

Concen: 9.893 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

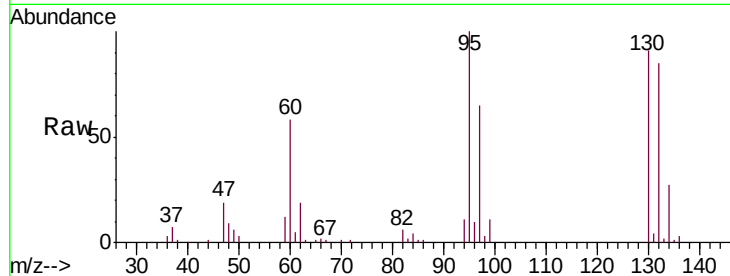
VSTDCCC010EC

Tgt Ion:130 Resp: 61384

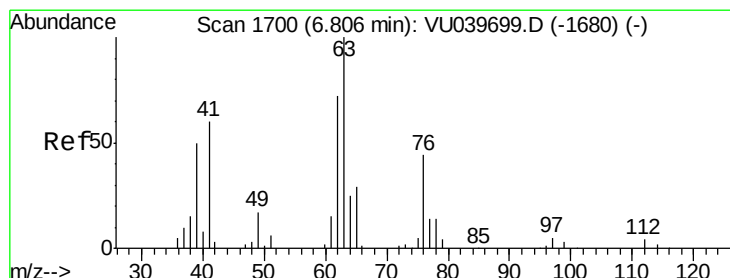
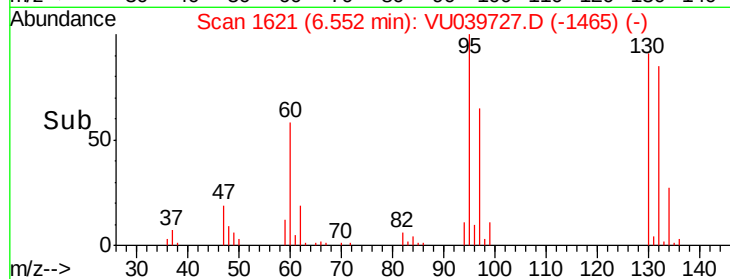
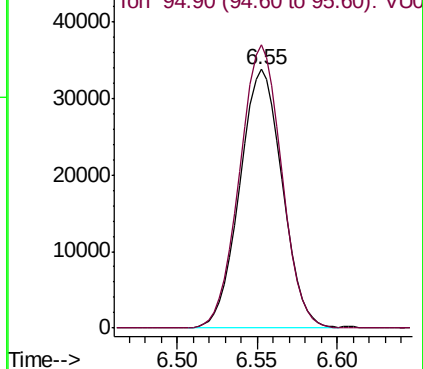
Ion Ratio Lower Upper

130 100

95 109.5 84.3 126.5



Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)



#38

1,2-Dichloropropane

Concen: 10.362 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU039727.D

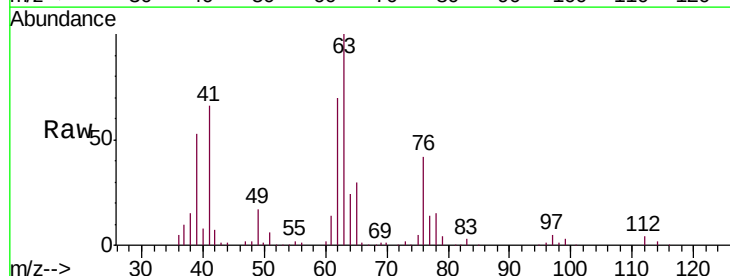
Acq: 30 Jul 2020 18:59

Tgt Ion: 63 Resp: 77454

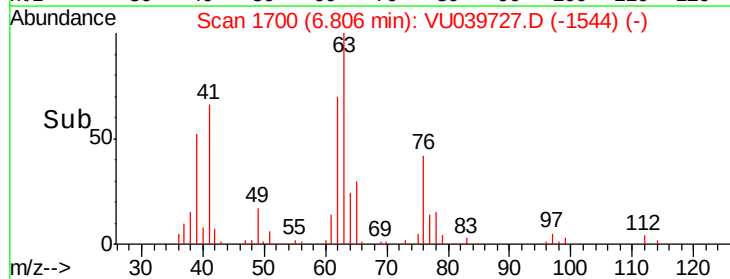
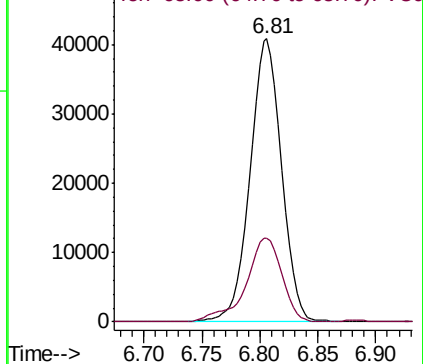
Ion Ratio Lower Upper

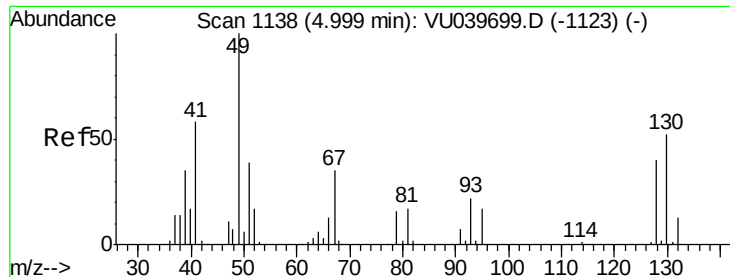
63 100

65 29.7 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)

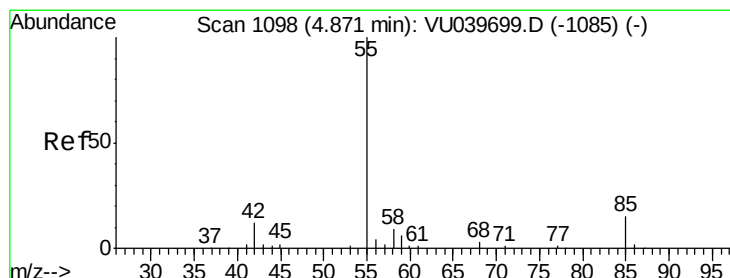
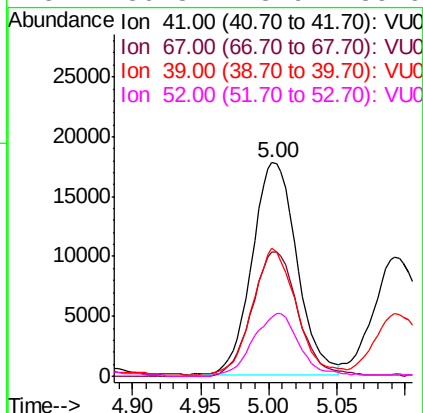
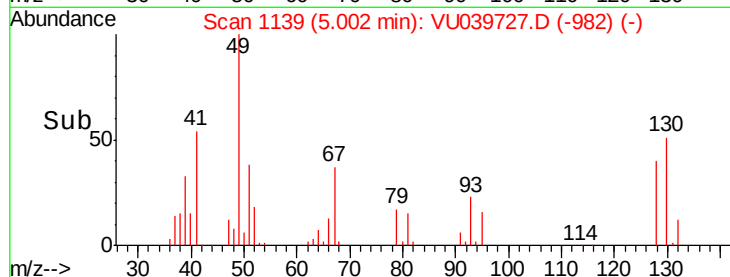
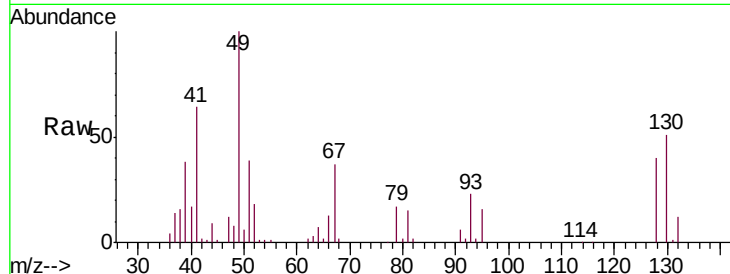




#39
Methacrylonitrile
Concen: 9.275 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

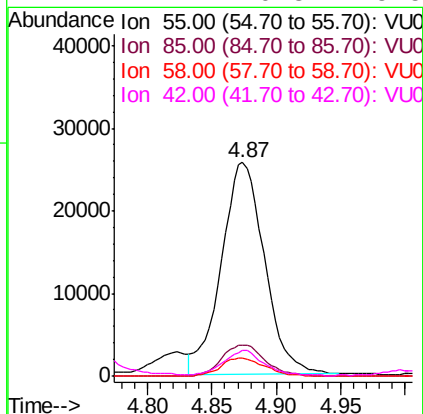
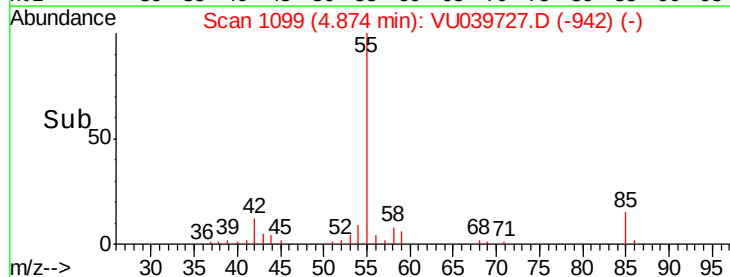
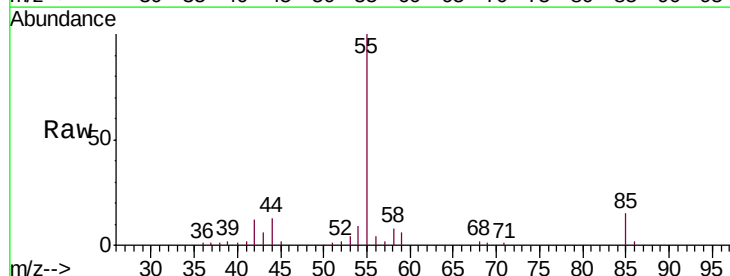
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

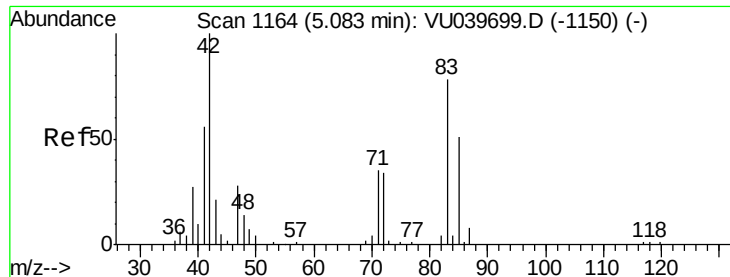
Tgt Ion:	41	Resp:	40330
Ion	Ratio	Lower	Upper
41	100		
67	60.5	48.3	72.5
39	58.3	47.6	71.4
52	30.8	23.9	35.9



#40
Methyl acrylate
Concen: 10.642 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:	55	Resp:	59673
Ion	Ratio	Lower	Upper
55	100		
85	14.5	11.4	17.0
58	8.3	7.4	11.0
42	11.7	10.3	15.5





#41

Tetrahydrofuran

Concen: 19.685 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

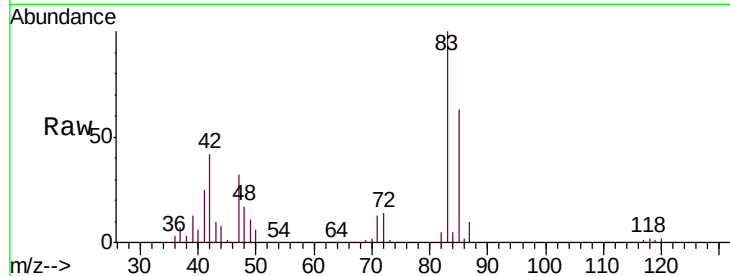
Tgt Ion: 42 Resp: 43065

Ion Ratio Lower Upper

42 100

72 36.4 31.0 46.6

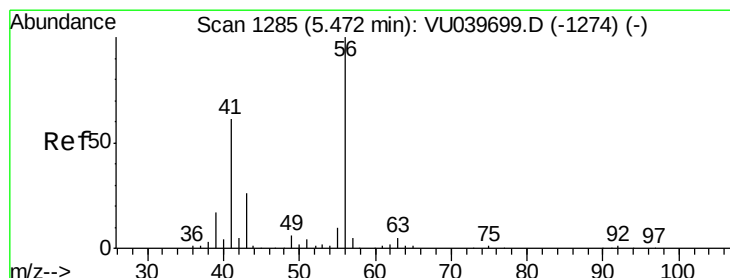
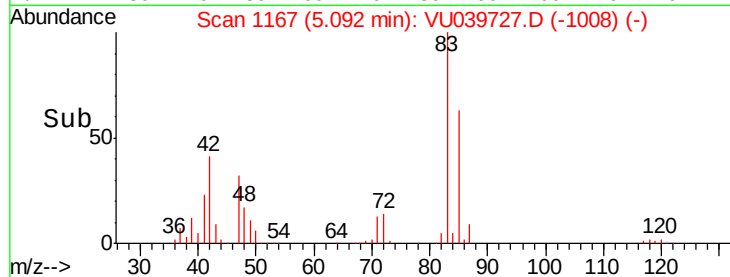
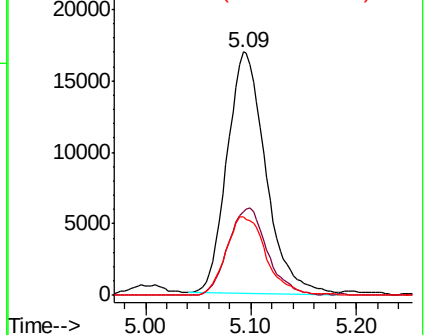
71 33.7 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 10.084 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU039727.D

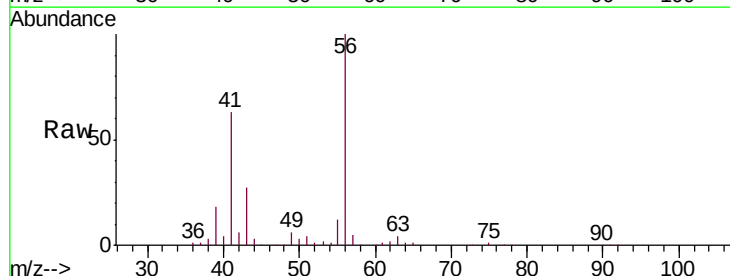
Acq: 30 Jul 2020 18:59

Tgt Ion: 56 Resp: 173524

Ion Ratio Lower Upper

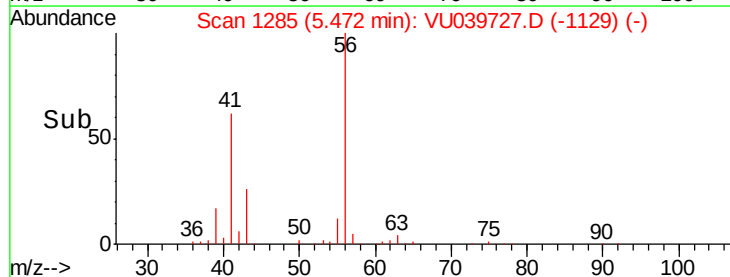
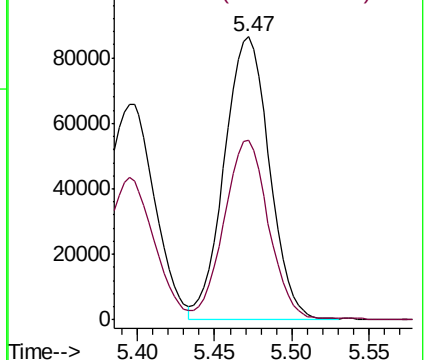
56 100

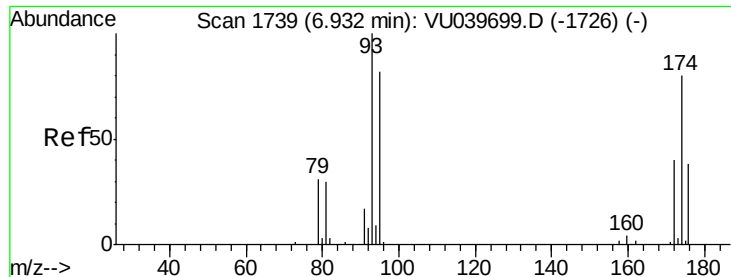
41 62.1 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 9.791 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

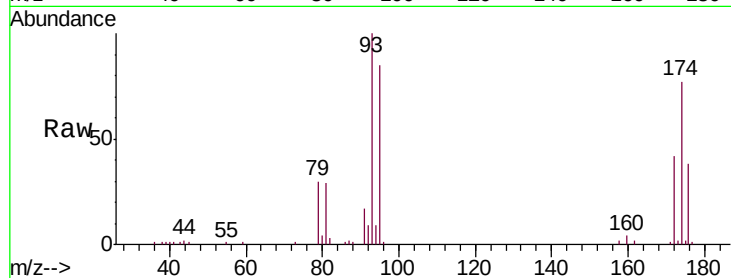
Tgt Ion: 93 Resp: 39384

Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

174 78.0 62.7 94.1

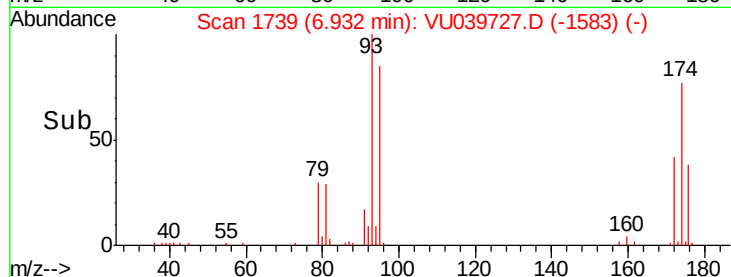


Abundance Ion 93.00 (92.70 to 93.70): VU039727.D (-1583) (-)

Ion 95.00 (94.70 to 95.70): VU039727.D (-1583) (-)

Ion 174.00 (173.70 to 174.70): VU039727.D (-1583) (-)

Time-->

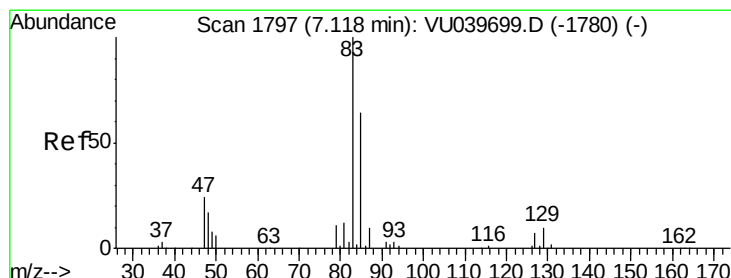


Abundance Ion 93.00 (92.70 to 93.70): VU039727.D (-1583) (-)

Ion 95.00 (94.70 to 95.70): VU039727.D (-1583) (-)

Ion 174.00 (173.70 to 174.70): VU039727.D (-1583) (-)

Time-->



#44

Bromodichloromethane

Concen: 10.037 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

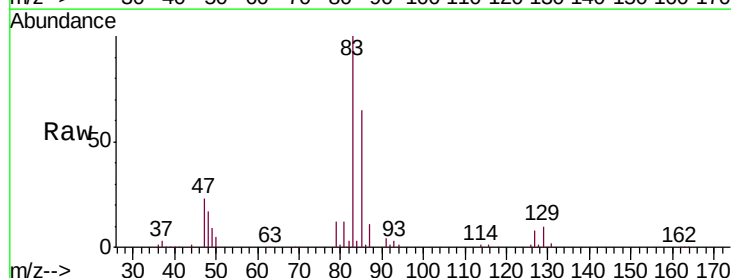
Tgt Ion: 83 Resp: 92562

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

127 8.0 5.8 8.6

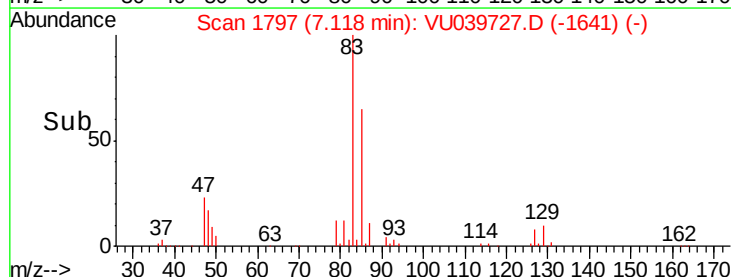


Abundance Ion 83.00 (82.70 to 83.70): VU039727.D (-1641) (-)

Ion 85.00 (84.70 to 85.70): VU039727.D (-1641) (-)

Ion 127.00 (126.70 to 127.70): VU039727.D (-1641) (-)

Time-->

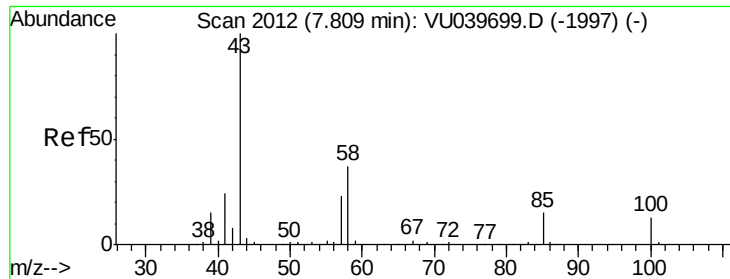


Abundance Ion 83.00 (82.70 to 83.70): VU039727.D (-1641) (-)

Ion 85.00 (84.70 to 85.70): VU039727.D (-1641) (-)

Ion 127.00 (126.70 to 127.70): VU039727.D (-1641) (-)

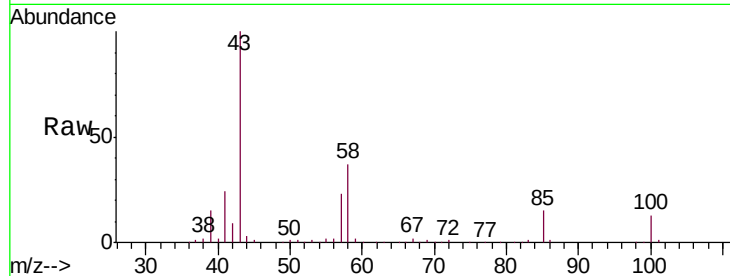
Time-->



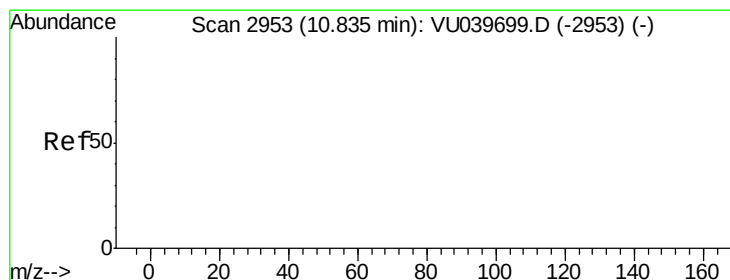
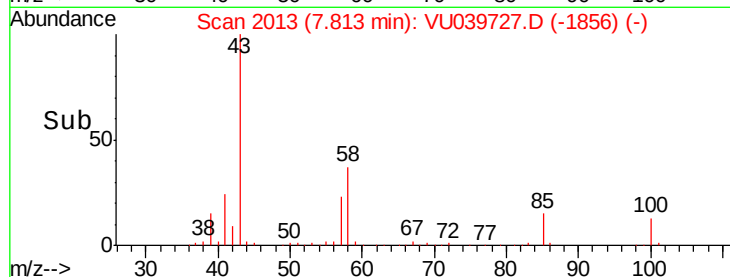
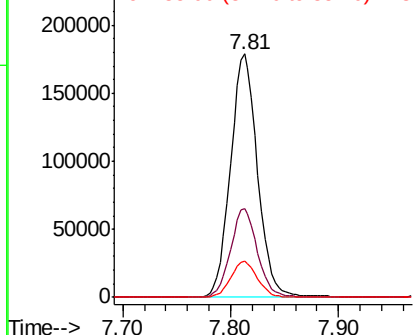
#45
4-Methyl-2-Pentanone
Concen: 51.372 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 313017
Ion Ratio Lower Upper
43 100
58 36.3 18.4 55.0
85 14.6 11.8 17.6

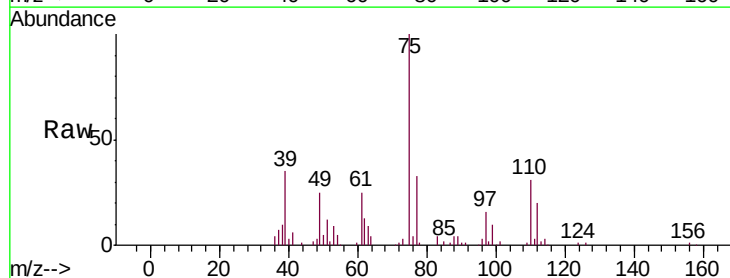


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

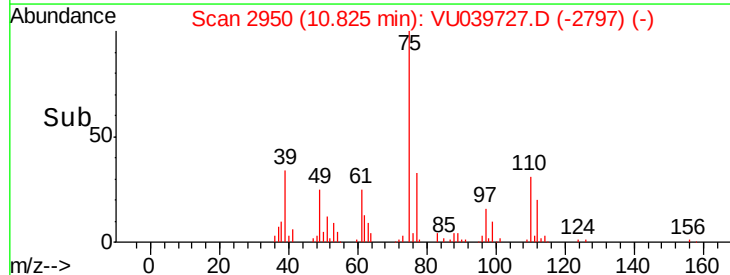
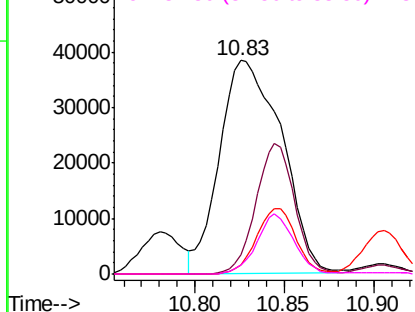


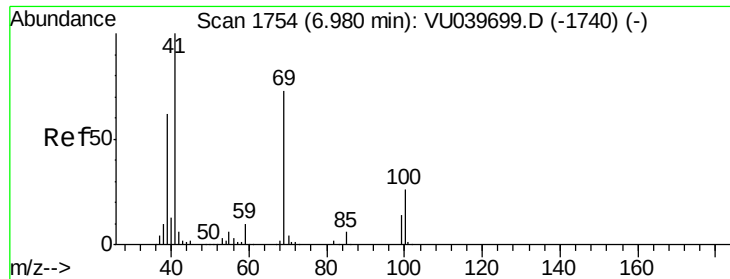
#46
t-1,4-Dichloro-2-butene
Concen: 51.315 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 75 Resp: 92998
Ion Ratio Lower Upper
75 100
53 38.5 78.6 118.0#
89 19.8 40.3 60.5#
88 17.0 34.0 51.0#



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: 20.870 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 78298

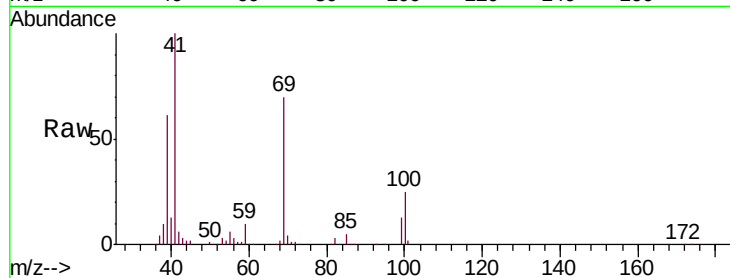
Ion Ratio Lower Upper

69 100

41 139.9 0.0 271.6

39 84.3 67.4 101.2

100 35.0 28.3 42.5

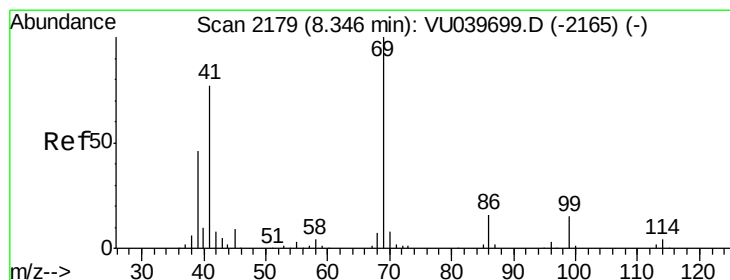
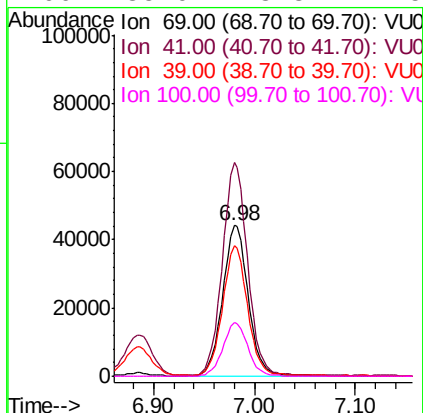
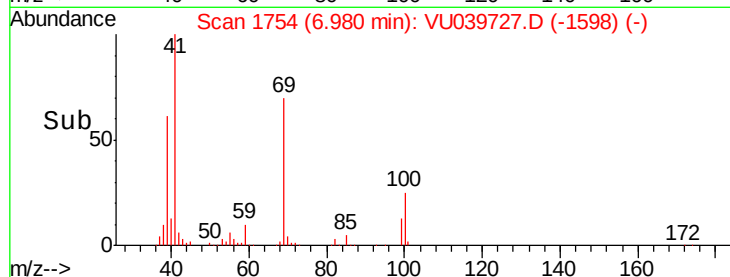


Abundance Ion 69.00 (68.70 to 69.70): VU039699.D (-1740) (-)

Ion 41.00 (40.70 to 41.70): VU039699.D (-1740) (-)

Ion 39.00 (38.70 to 39.70): VU039699.D (-1740) (-)

Ion 100.00 (99.70 to 100.70): VU039699.D (-1740) (-)



#48

Ethyl methacrylate

Concen: 10.436 ug/l

RT: 8.35 min Scan# 2179

Delta R.T. 0.00 min

Lab File: VU039727.D

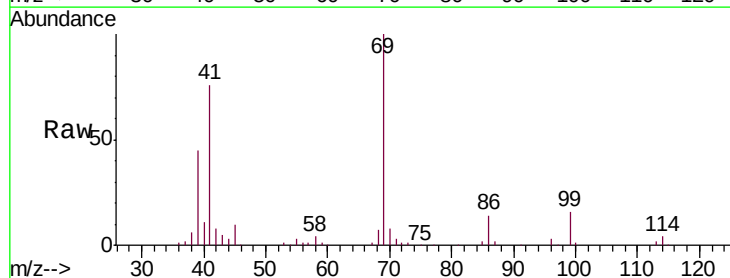
Acq: 30 Jul 2020 18:59

Tgt Ion: 69 Resp: 72065

Ion Ratio Lower Upper

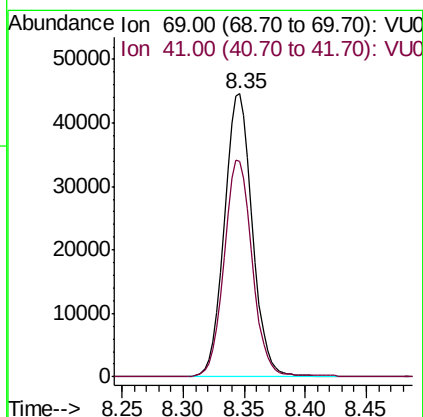
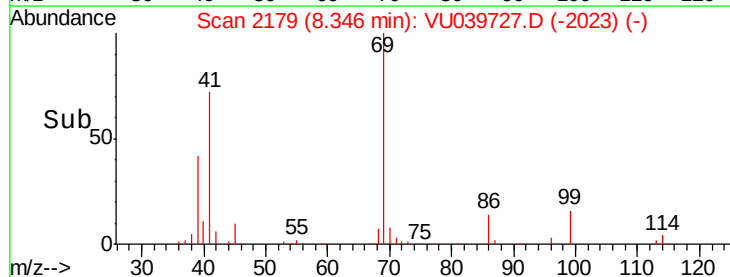
69 100

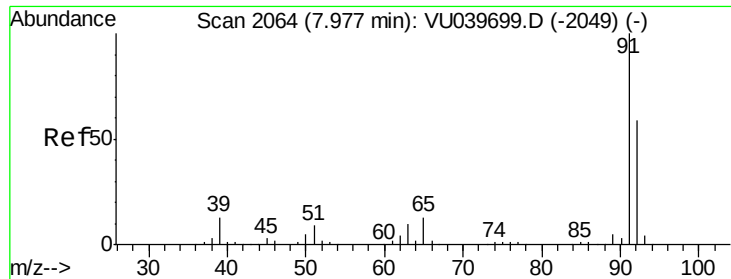
41 77.0 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU039699.D (-2165) (-)

Ion 41.00 (40.70 to 41.70): VU039699.D (-2165) (-)





#49

Toluene

Concen: 10.282 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

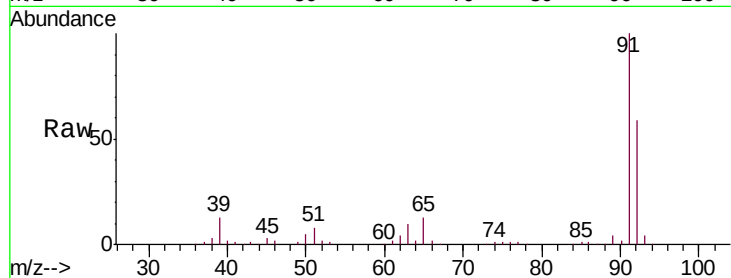
VSTDCCC010EC

Tgt Ion: 92 Resp: 165978

Ion Ratio Lower Upper

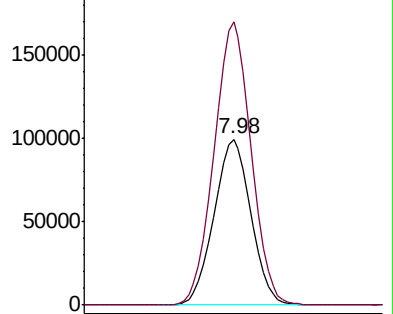
92 100

91 171.2 136.1 204.1

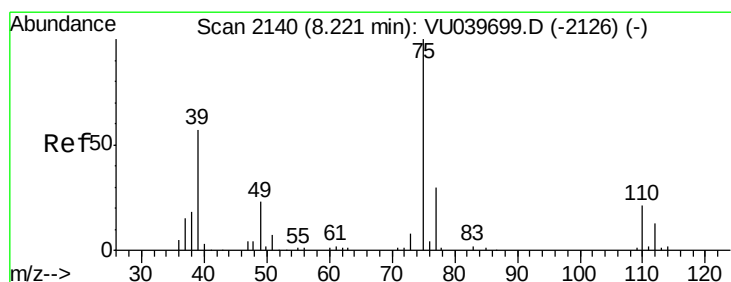
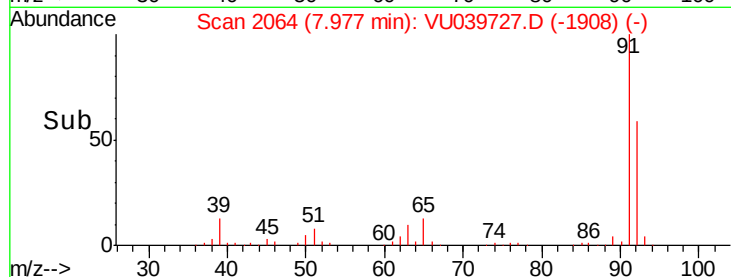


Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.218 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU039727.D

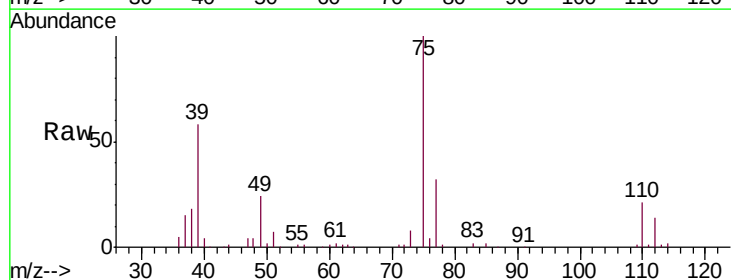
Acq: 30 Jul 2020 18:59

Tgt Ion: 75 Resp: 84877

Ion Ratio Lower Upper

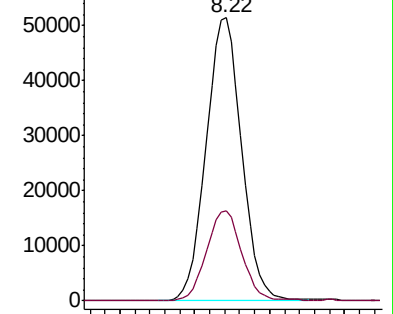
75 100

77 31.6 24.3 36.5

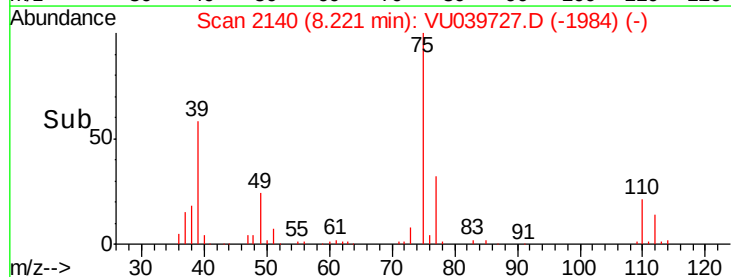


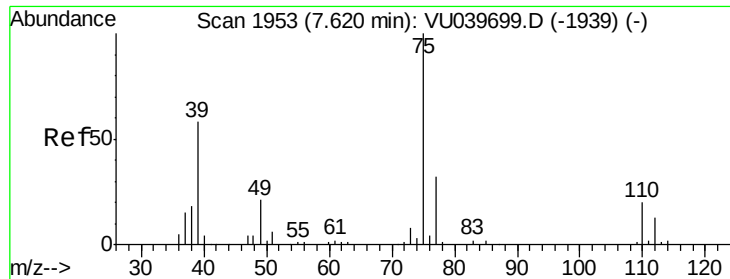
Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)



Time-->



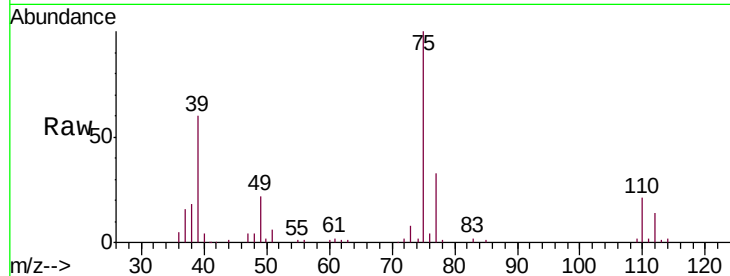


#51

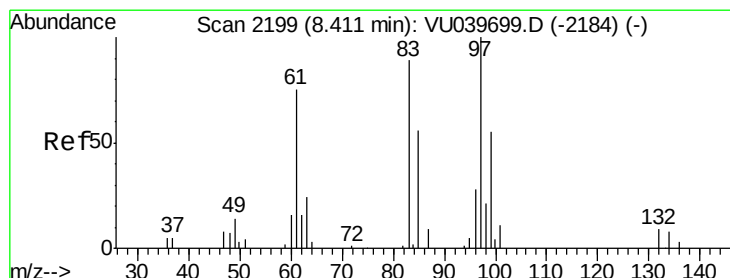
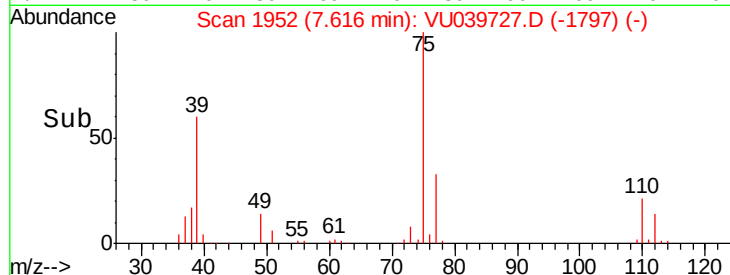
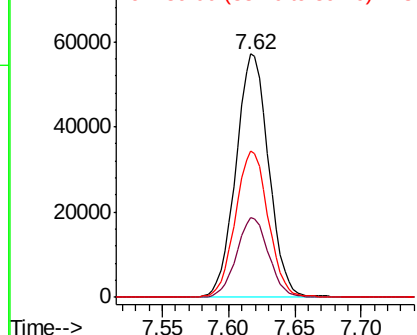
cis-1,3-Dichloropropene
Concen: 10.061 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 98226
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
39 60.0 46.1 69.1



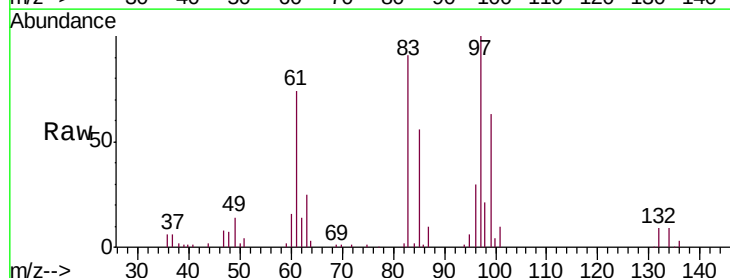
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



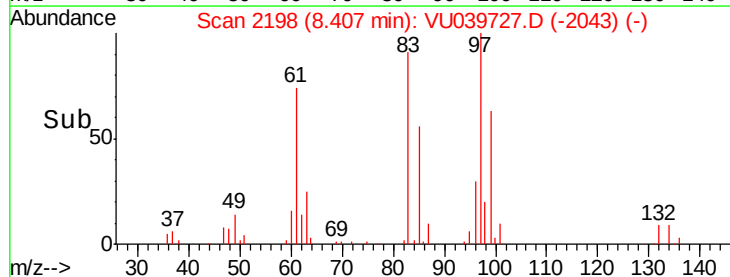
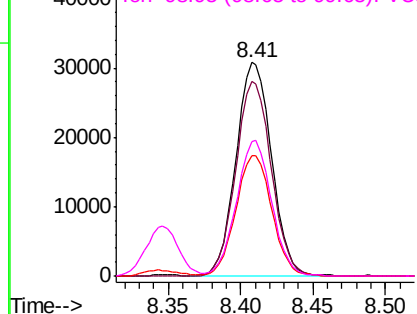
#52

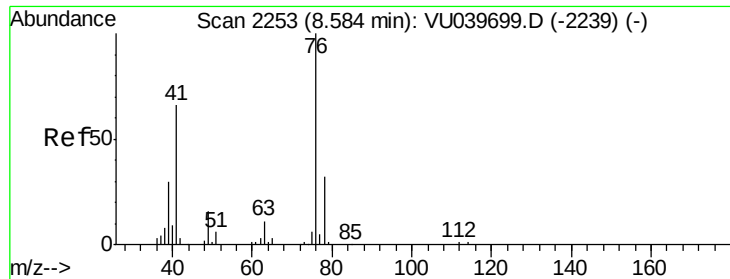
1,1,2-Trichloroethane
Concen: 10.063 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 97 Resp: 52590
Ion Ratio Lower Upper
97 100
83 91.0 71.3 106.9
85 56.4 45.4 68.2
99 63.0 49.4 74.0



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

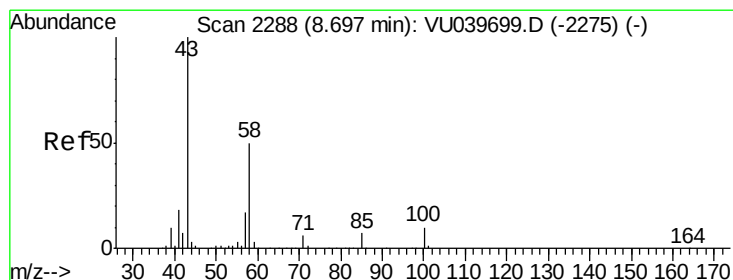
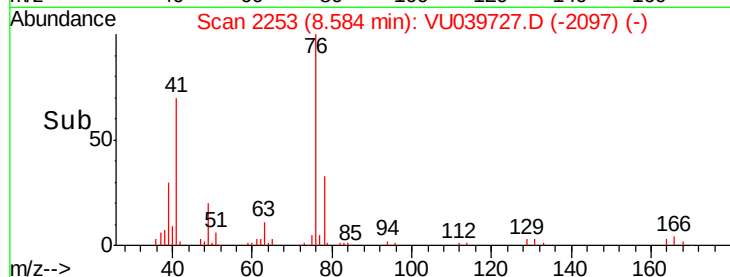
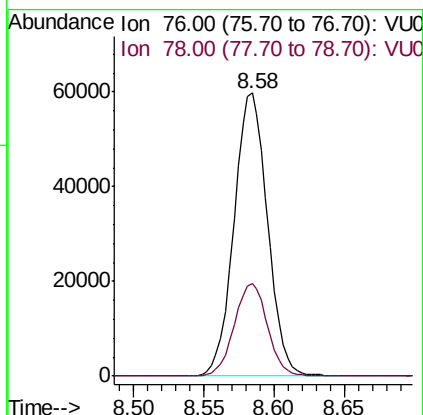
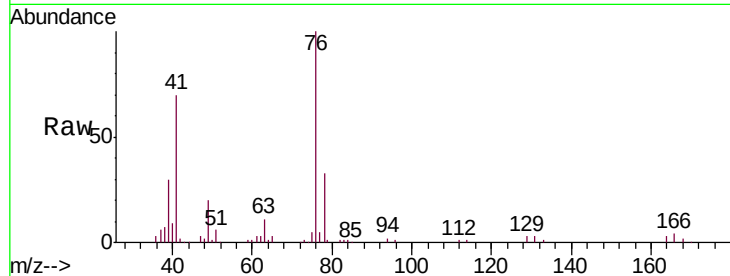




#53
 1,3-Dichloropropane
 Concen: 9.938 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

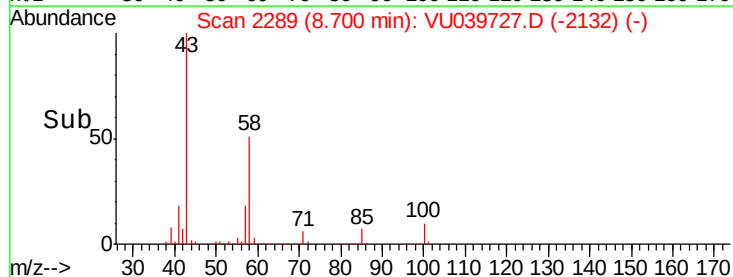
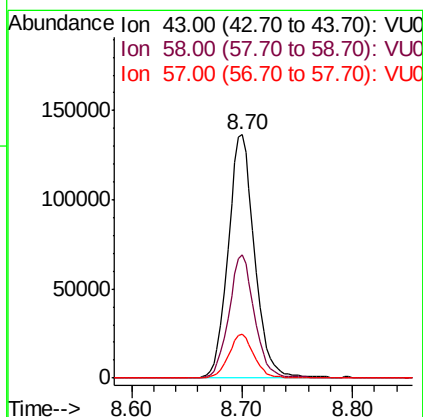
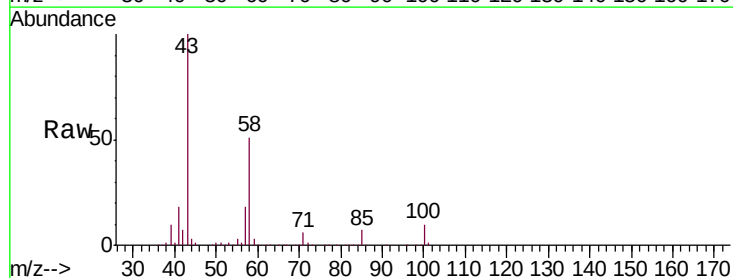
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

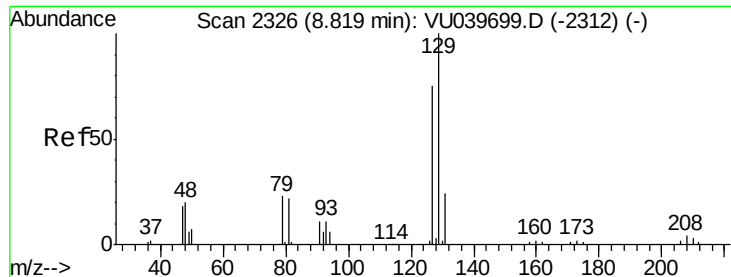
Tgt Ion: 76 Resp: 99723
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.2



#54
 2-Hexanone
 Concen: 52.003 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion: 43 Resp: 226866
 Ion Ratio Lower Upper
 43 100
 58 49.3 29.9 69.9
 57 17.3 0.0 37.2

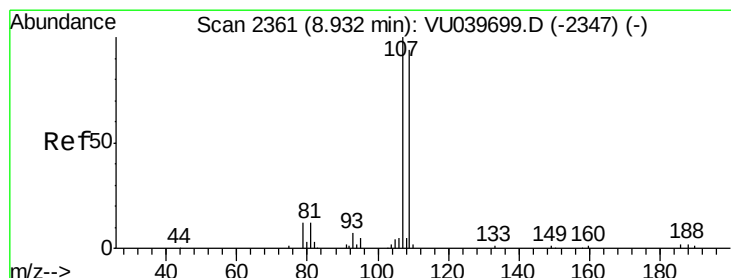
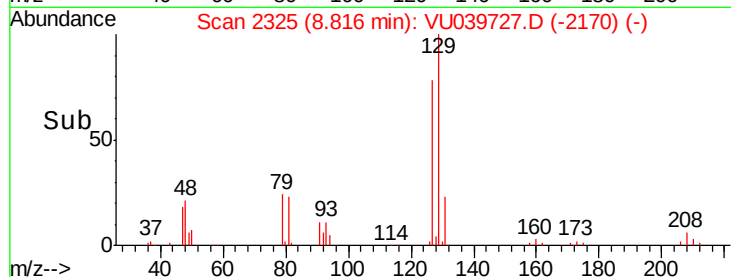
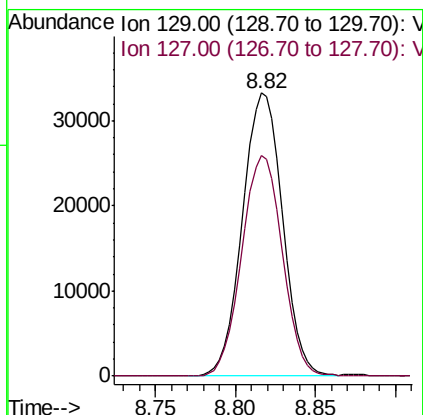
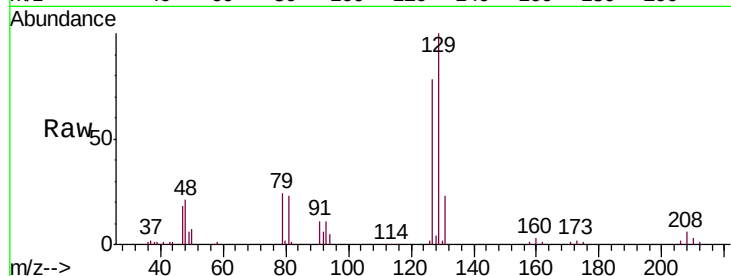




#55
Dibromochloromethane
Concen: 10.139 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

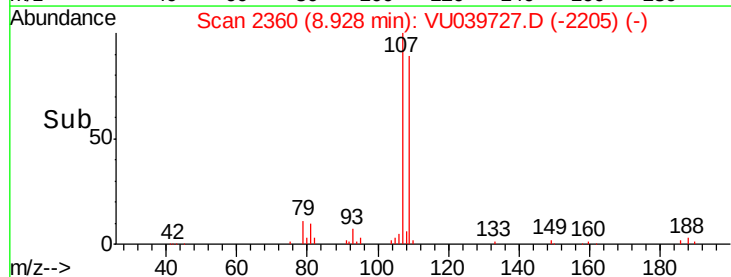
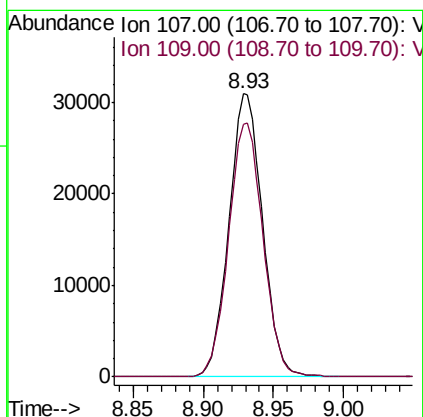
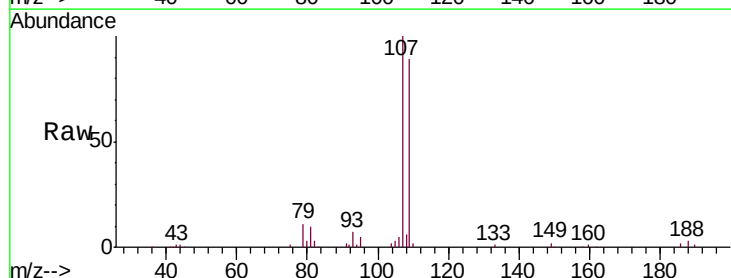
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

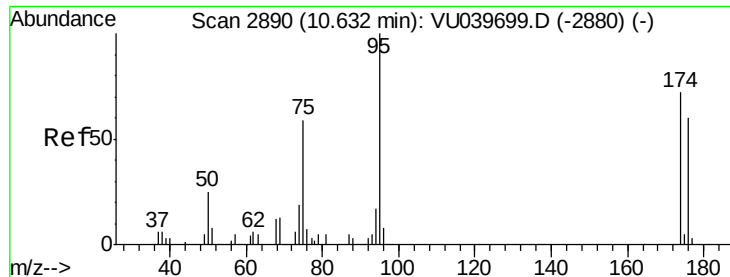
Tgt Ion:129 Resp: 56901
Ion Ratio Lower Upper
129 100
127 78.8 62.4 93.6



#56
1,2-Dibromoethane
Concen: 10.233 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:107 Resp: 51530
Ion Ratio Lower Upper
107 100
109 92.1 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.954 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

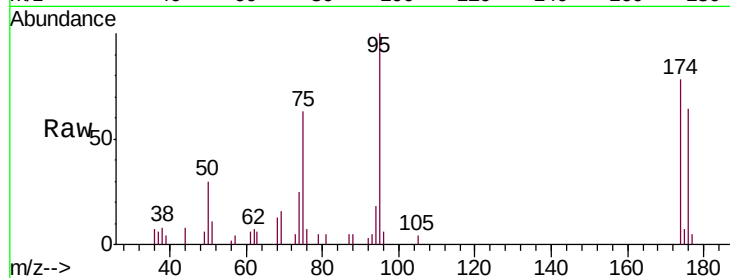
Tgt Ion: 95 Resp: 8080

Ion Ratio Lower Upper

95 100

174 74.0 57.0 85.4

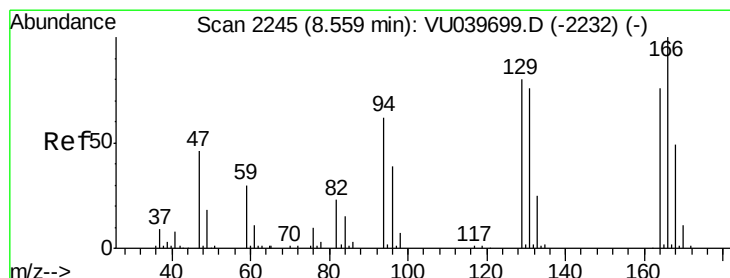
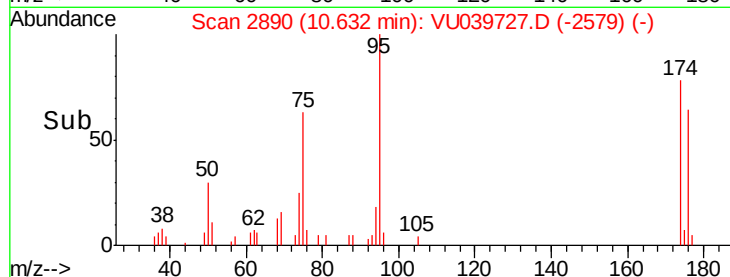
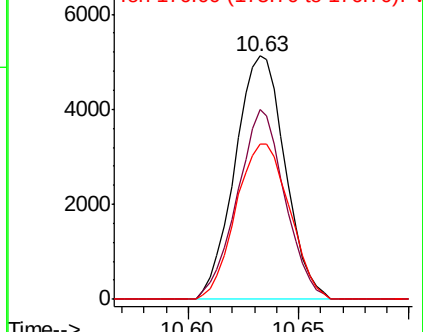
176 68.0 50.2 75.2



Abundance Ion 95.00 (94.70 to 95.70): VU039727.D (-2880) (-)

Ion 174.00 (173.70 to 174.70): VU039727.D (-2880) (-)

Ion 176.00 (175.70 to 176.70): VU039727.D (-2880) (-)



#58

Tetrachloroethene

Concen: 10.015 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Tgt Ion: 164 Resp: 54403

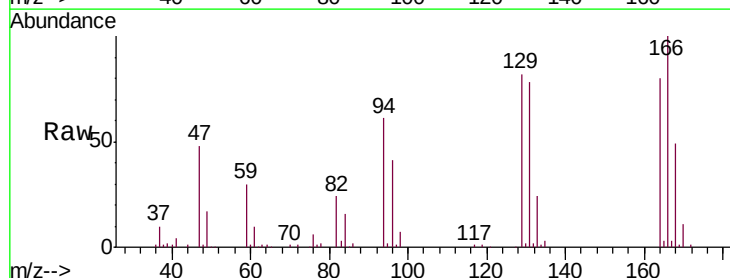
Ion Ratio Lower Upper

164 100

166 124.6 104.8 157.2

129 102.7 84.1 126.1

131 97.4 80.1 120.1

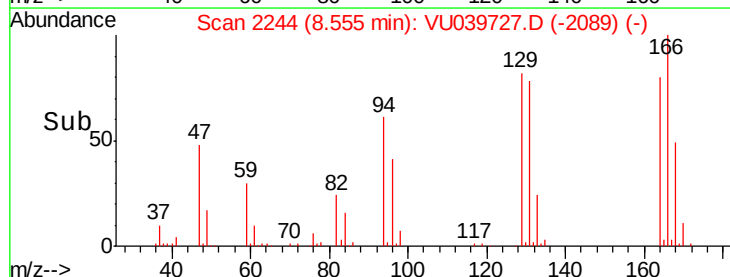
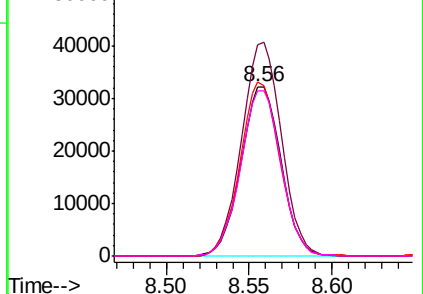


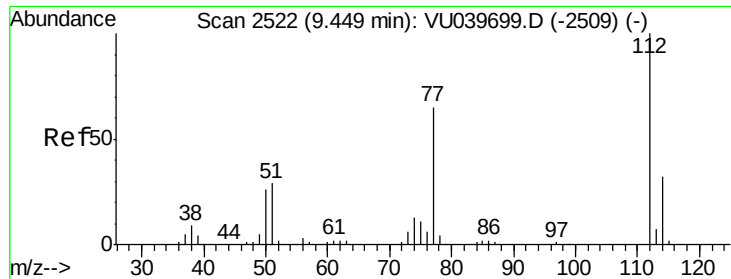
Abundance Ion 163.85 (163.55 to 164.55): VU039727.D (-2089) (-)

Ion 165.80 (165.50 to 166.50): VU039727.D (-2089) (-)

Ion 128.90 (128.60 to 129.60): VU039727.D (-2089) (-)

Ion 130.90 (130.60 to 131.60): VU039727.D (-2089) (-)

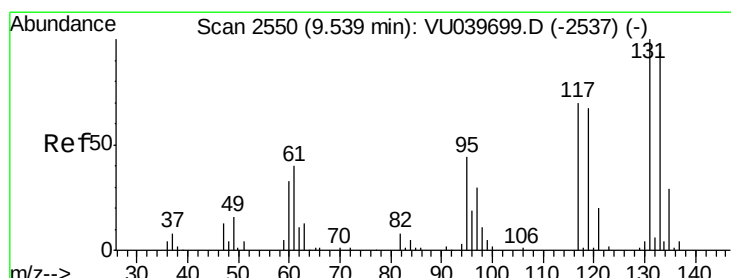
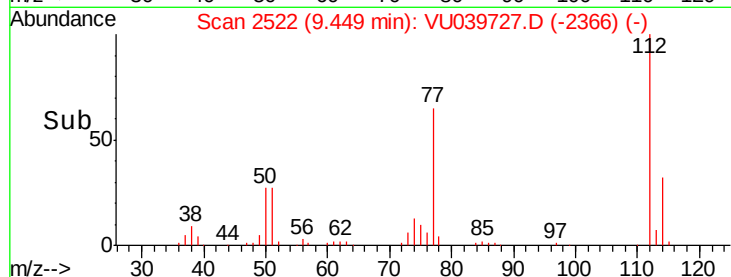
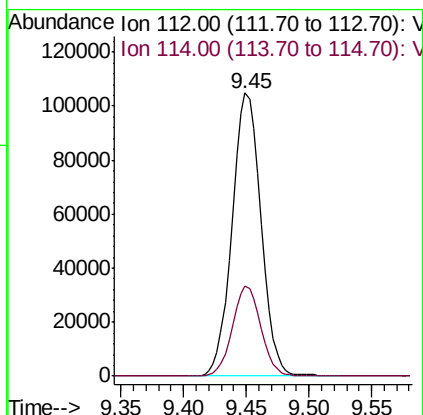
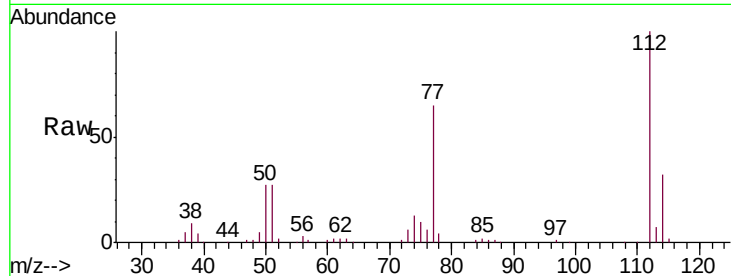




#59
Chlorobenzene
Concen: 10.088 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

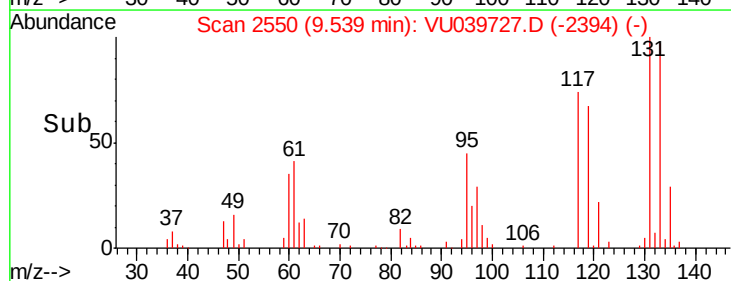
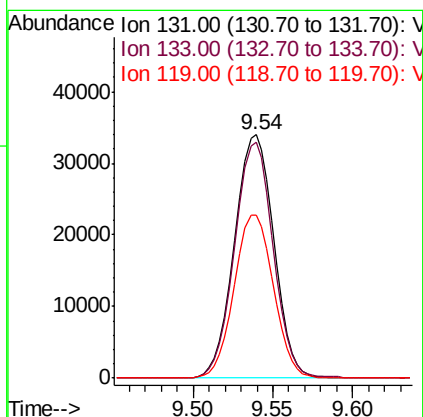
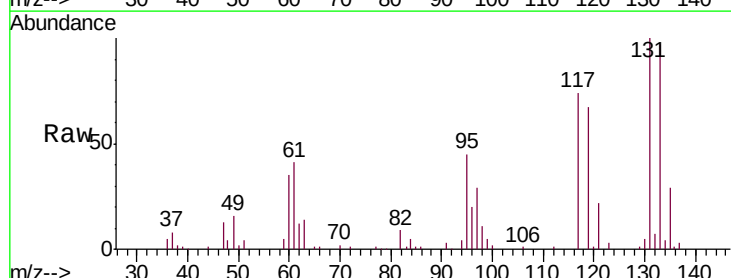
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

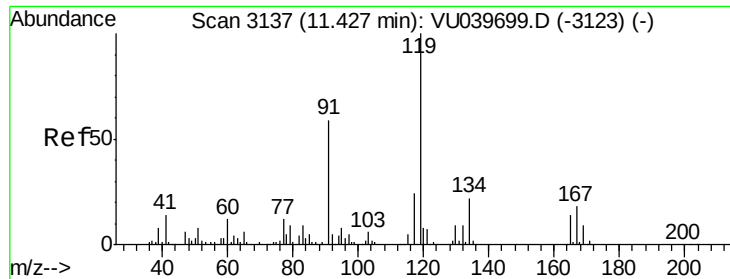
Tgt Ion:112 Resp: 168406
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 10.146 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:131 Resp: 57106
Ion Ratio Lower Upper
131 100
133 94.7 75.8 113.8
119 66.6 54.6 81.8

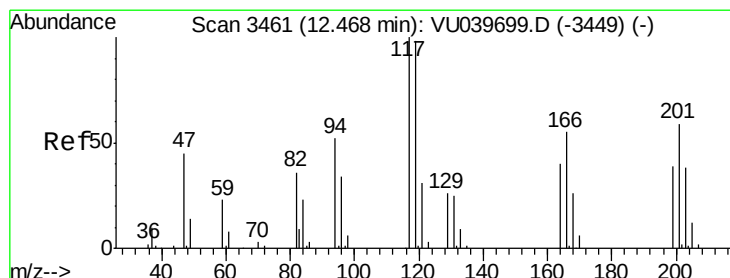
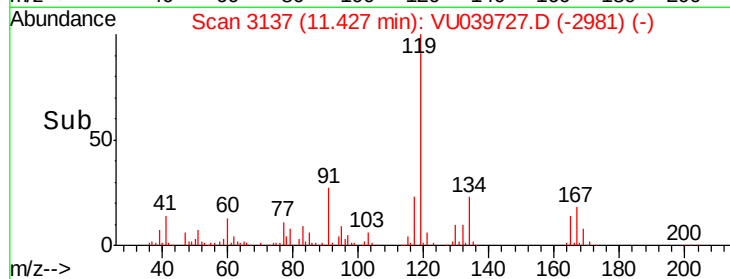
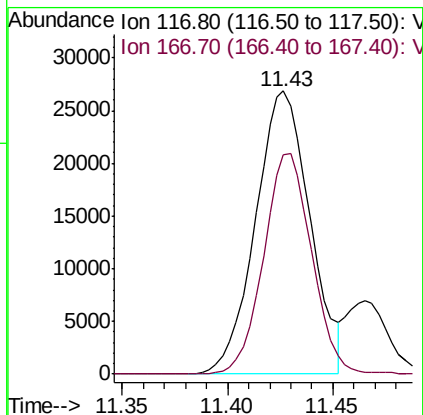
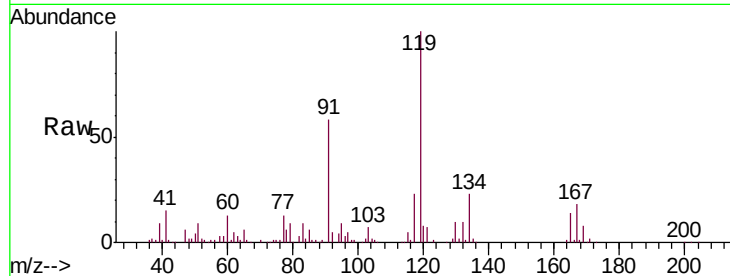




#61
 Pentachloroethane
 Concen: 9.731 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

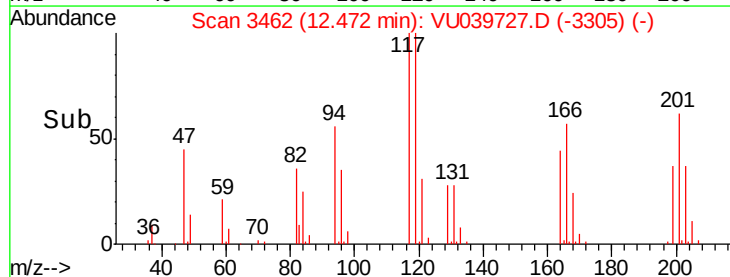
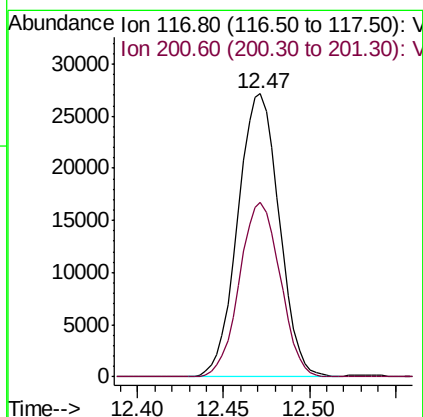
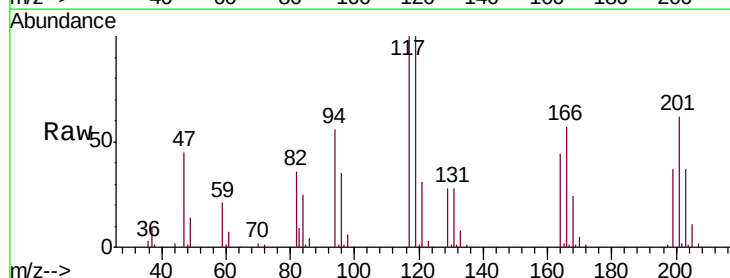
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

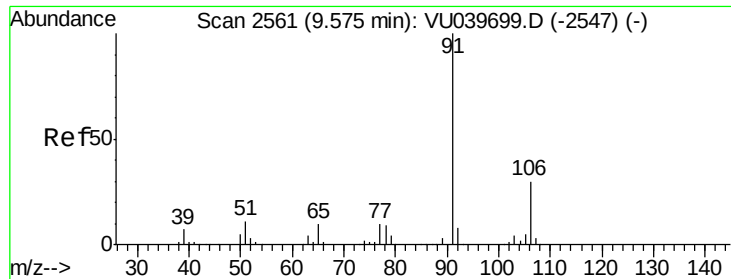
Tgt Ion:117 Resp: 48120
 Ion Ratio Lower Upper
 117 100
 167 69.0 56.6 85.0



#62
 Hexachloroethane
 Concen: 10.042 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion:117 Resp: 45515
 Ion Ratio Lower Upper
 117 100
 201 60.4 48.1 72.1

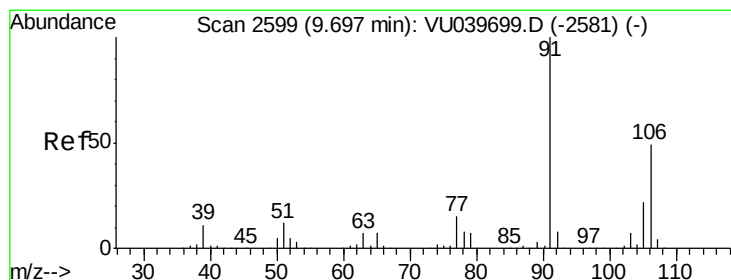
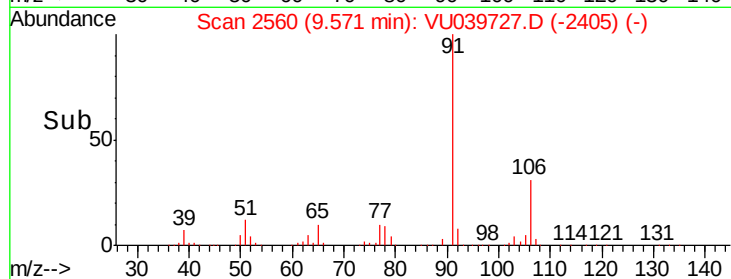
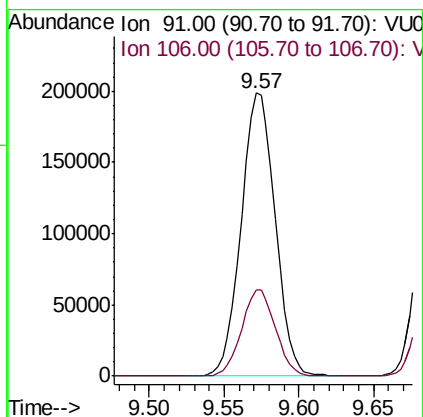
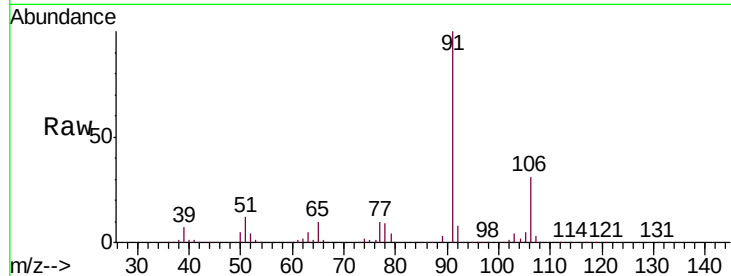




#63
Ethyl Benzene
Concen: 10.519 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

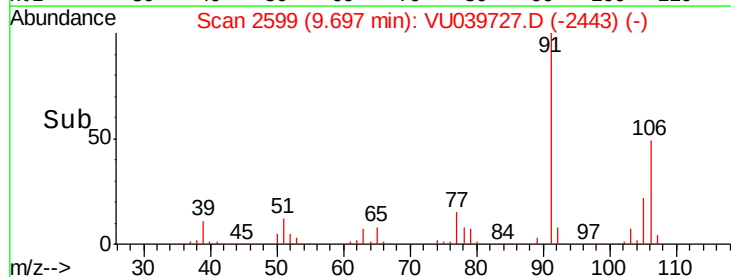
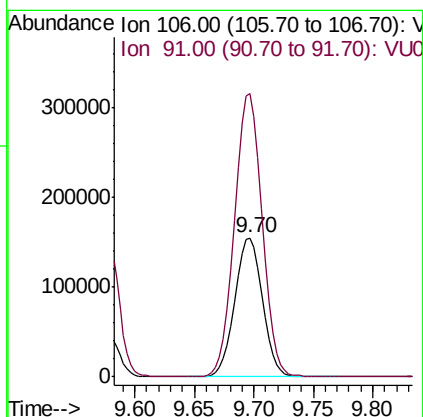
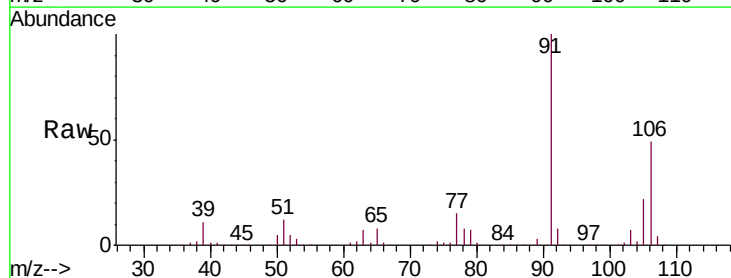
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

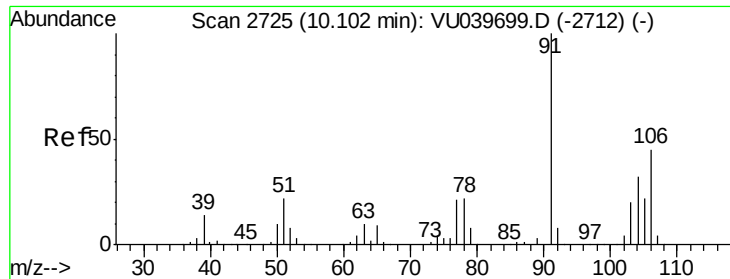
Tgt Ion: 91 Resp: 314688
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#64
m/p-Xylenes
Concen: 21.465 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion: 106 Resp: 250885
Ion Ratio Lower Upper
106 100
91 202.4 163.9 245.9





#65

o-Xylene

Concen: 10.546 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

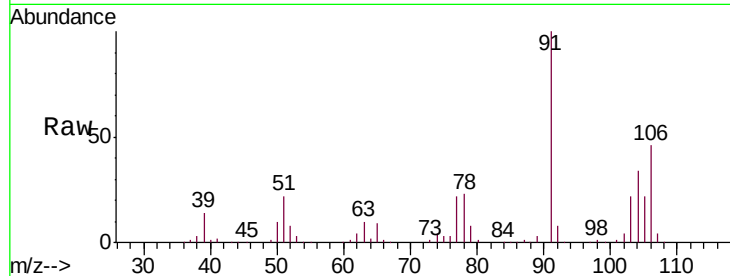
VSTDCCC010EC

Tgt Ion:106 Resp: 117027

Ion Ratio Lower Upper

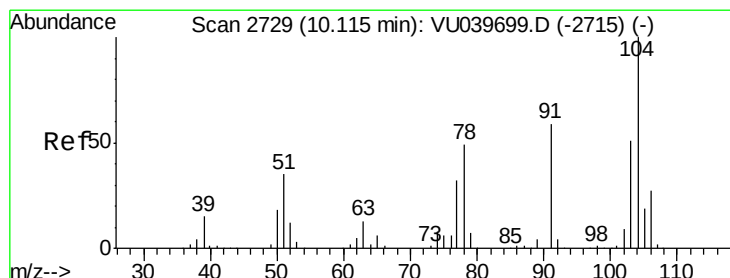
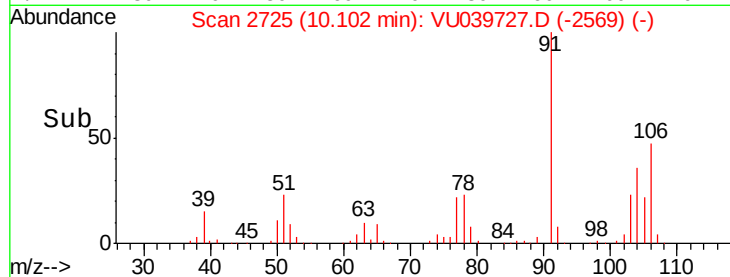
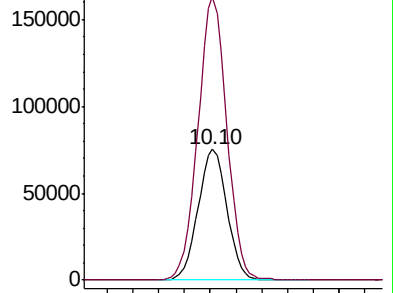
106 100

91 215.8 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 10.781 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

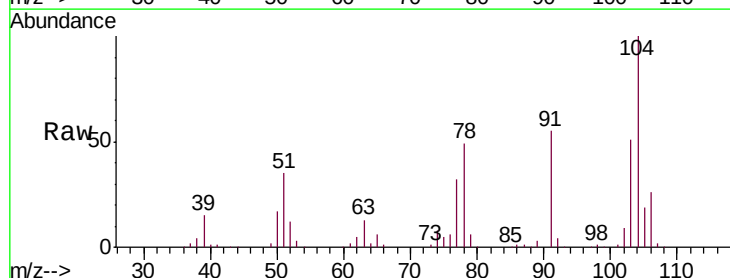
Tgt Ion:104 Resp: 205029

Ion Ratio Lower Upper

104 100

78 53.3 42.2 63.4

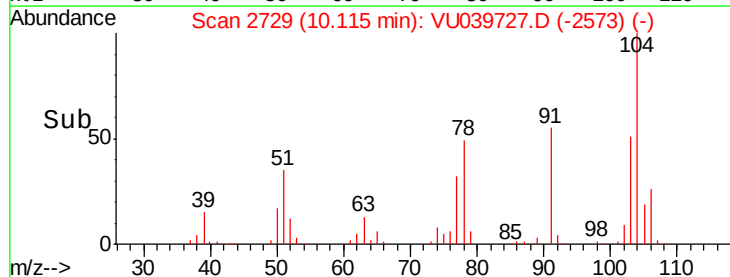
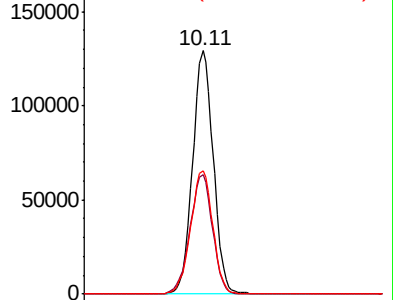
103 54.3 43.4 65.2

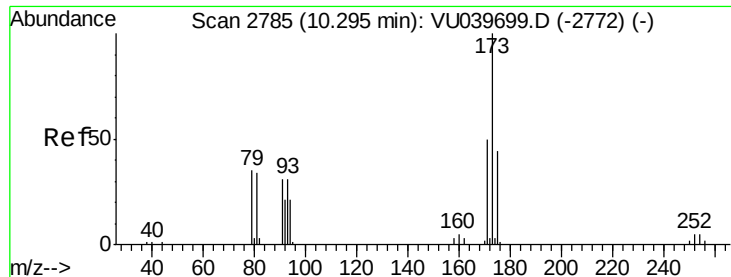


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

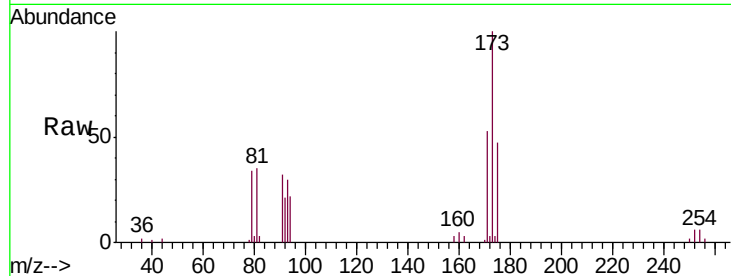




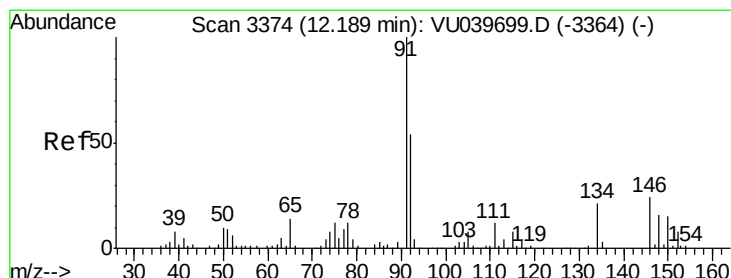
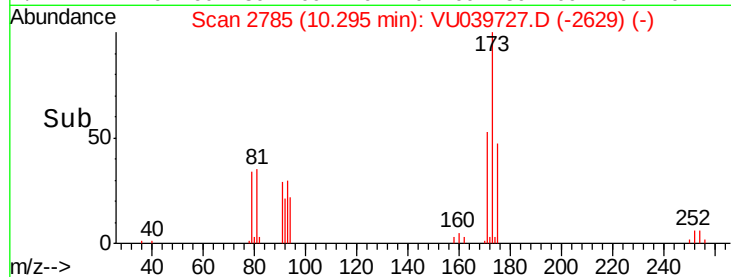
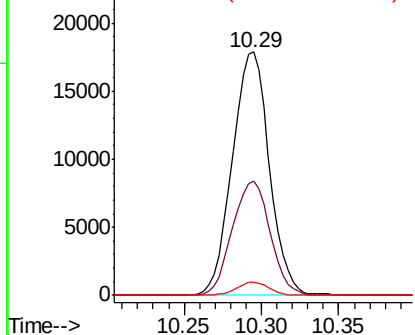
#67
Bromoform
Concen: 10.372 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 29693
Ion Ratio Lower Upper
173 100
175 47.8 36.7 55.1
254 4.8 3.8 5.8

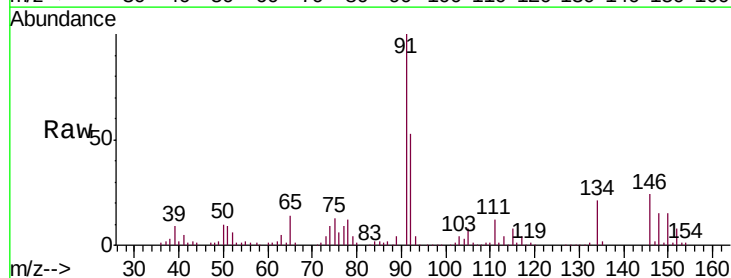


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

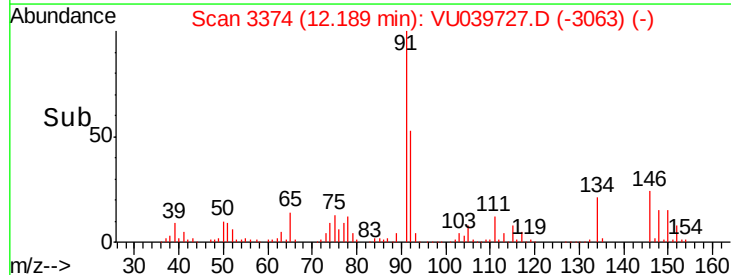
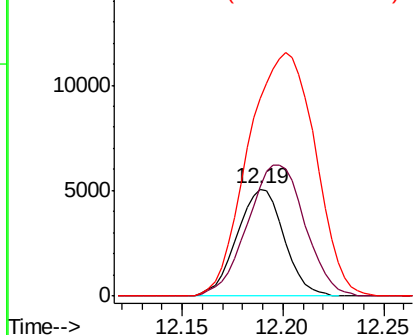


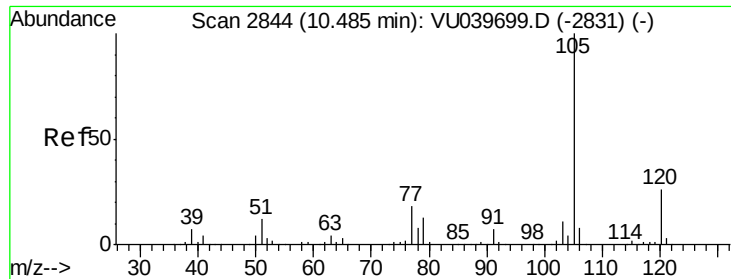
#68
1,2-Dichlorobenzene-d4
Concen: 1.006 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:152 Resp: 8341
Ion Ratio Lower Upper
152 100
115 147.8 0.0 302.4
150 318.7 0.0 645.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.349 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

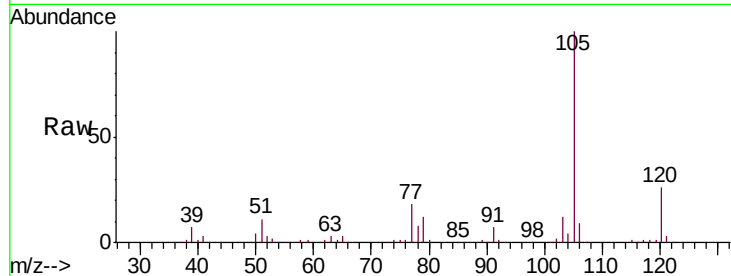
VSTDCCC010EC

Tgt Ion:105 Resp: 306736

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

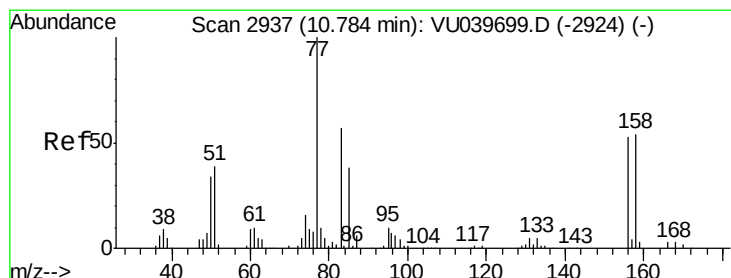
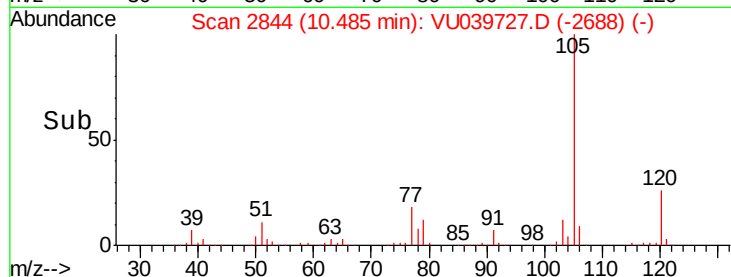
0

10.40

10.50

10.60

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 9.874 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

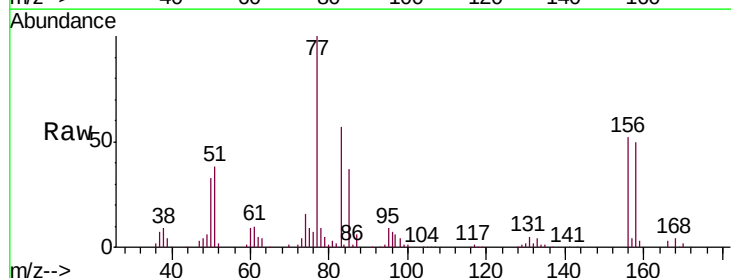
Tgt Ion: 83 Resp: 74280

Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

85 62.5 50.6 75.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

60000

50000

40000

30000

20000

10000

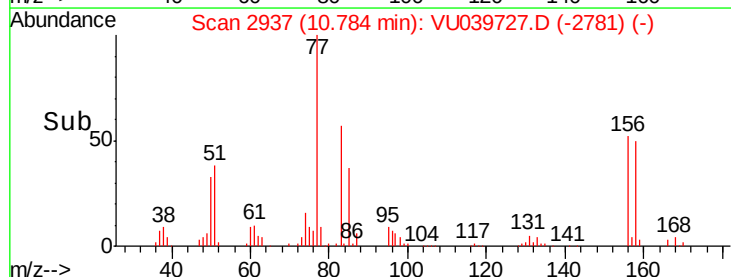
0

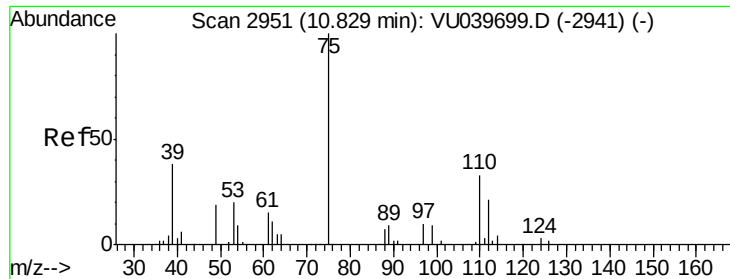
10.70

10.80

10.90

Time-->





#71

1,2,3-Trichloropropane

Concen: 16.409 ug/l

RT: 10.83 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 92998

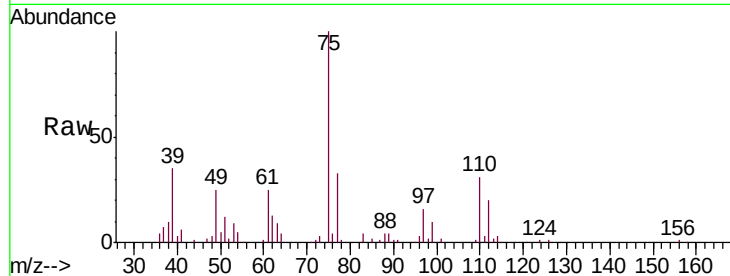
Ion Ratio Lower Upper

75 100

77 29.1 0.0 91.0

110 21.3 0.0 64.2

97 10.7 0.0 32.6

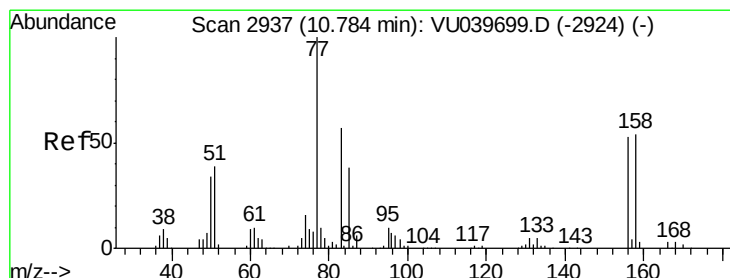
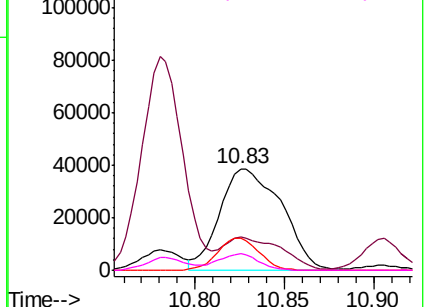
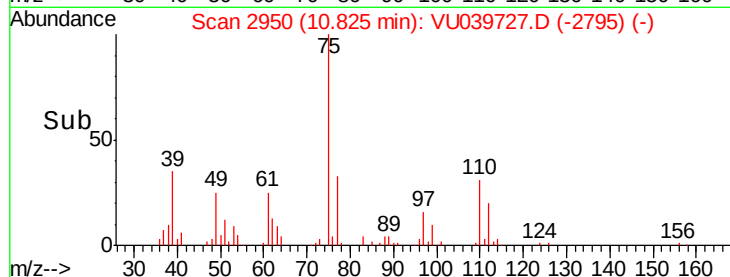


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 9.816 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

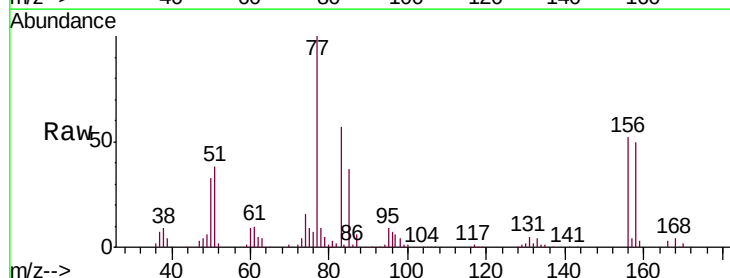
Tgt Ion: 156 Resp: 66074

Ion Ratio Lower Upper

156 100

77 197.8 0.0 385.2

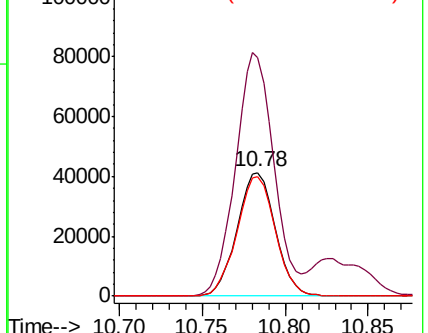
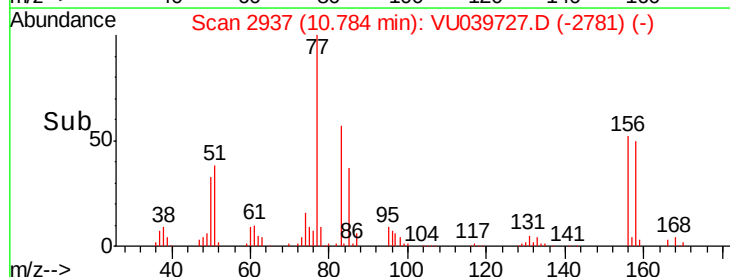
158 97.3 0.0 200.8

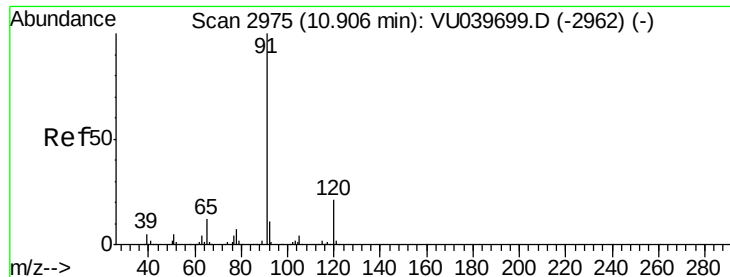


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

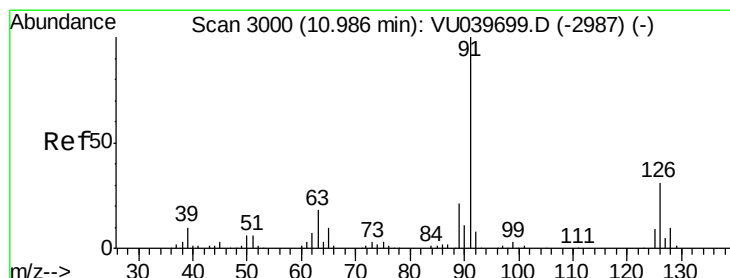
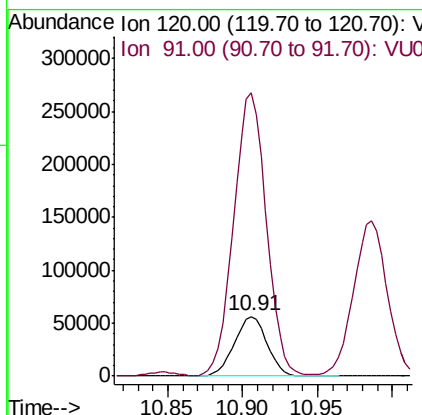
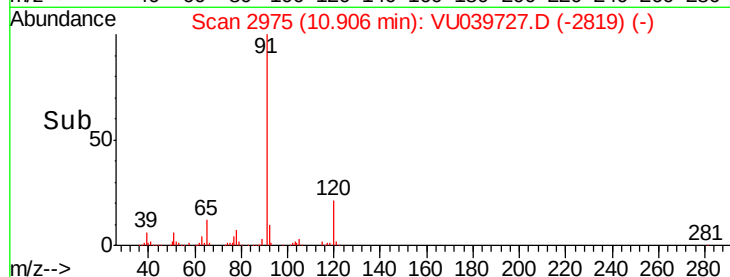
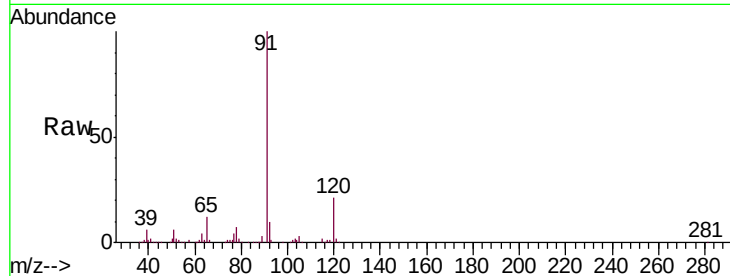




#73
n-propylbenzene
Concen: 10.275 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

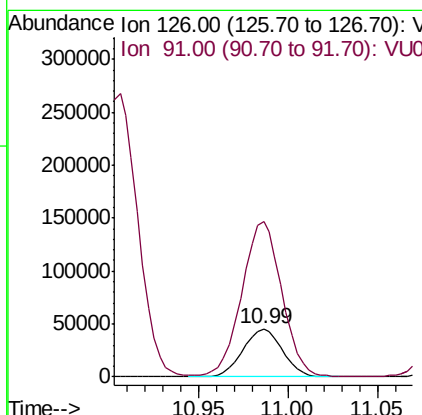
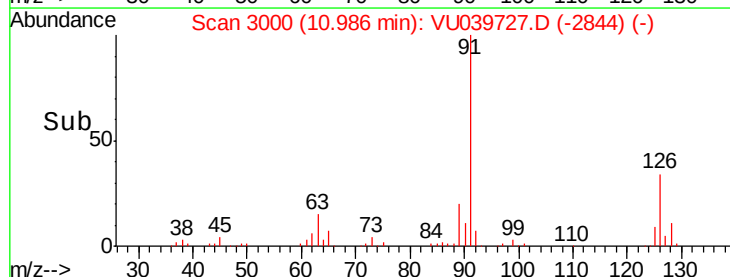
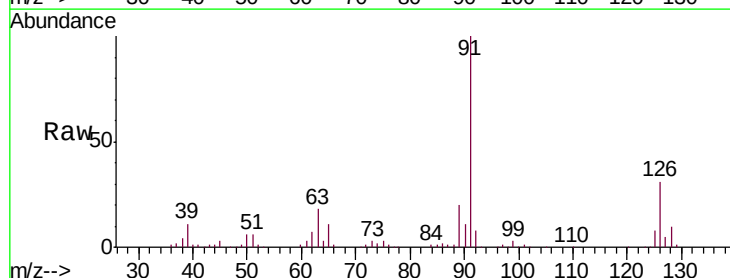
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

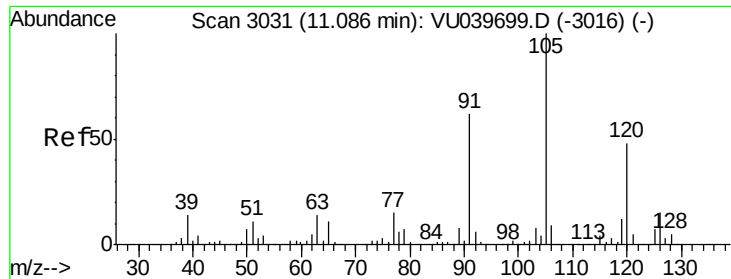
Tgt Ion:120 Resp: 85626
Ion Ratio Lower Upper
120 100
91 472.8 371.7 557.5



#74
2-Chlorotoluene
Concen: 10.053 ug/l
RT: 10.99 min Scan# 3000
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:126 Resp: 70777
Ion Ratio Lower Upper
126 100
91 322.2 0.0 637.0





#75

1,3,5-Trimethylbenzene

Concen: 10.610 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

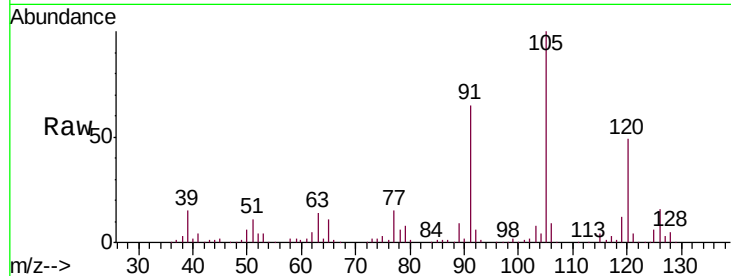
VSTDCCC010EC

Tgt Ion:105 Resp: 271869

Ion Ratio Lower Upper

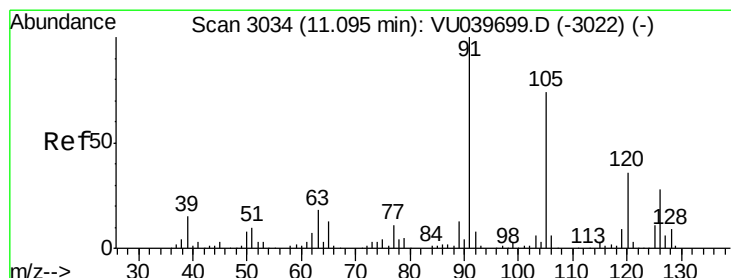
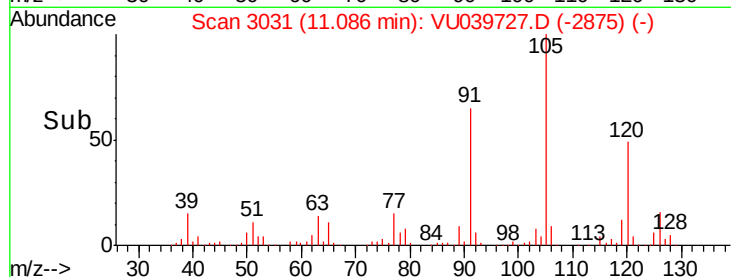
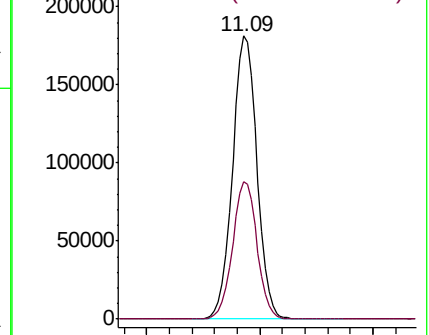
105 100

120 48.5 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 10.487 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU039727.D

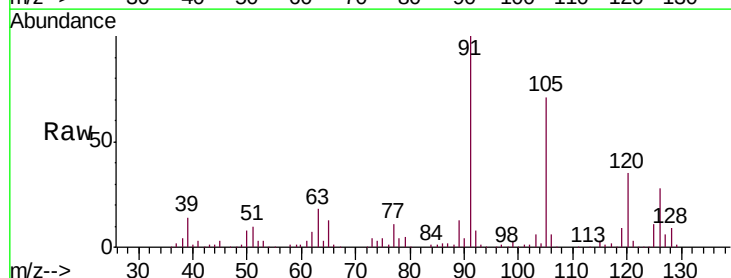
Acq: 30 Jul 2020 18:59

Tgt Ion:126 Resp: 76471

Ion Ratio Lower Upper

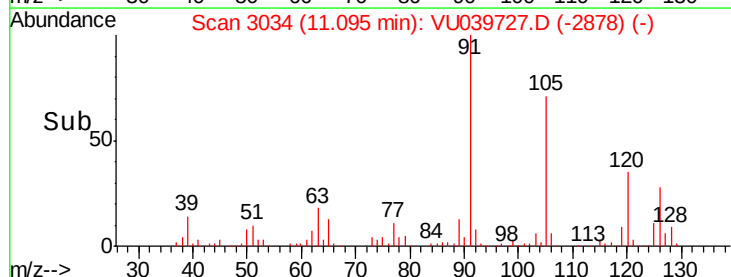
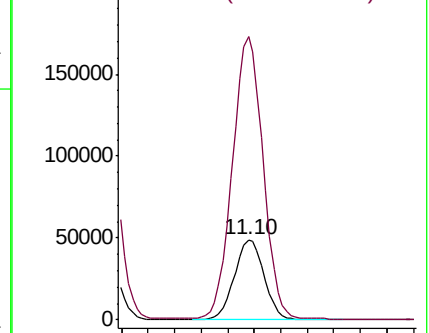
126 100

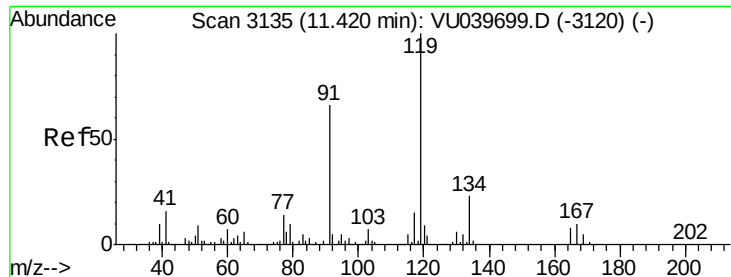
91 358.0 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

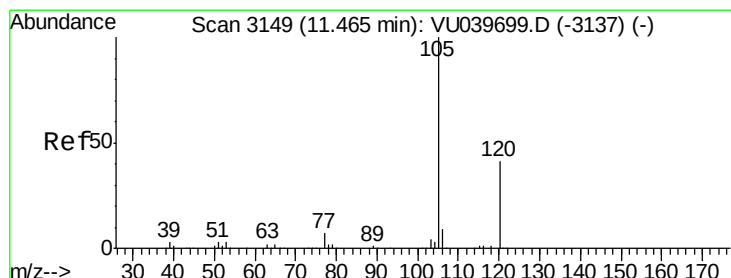
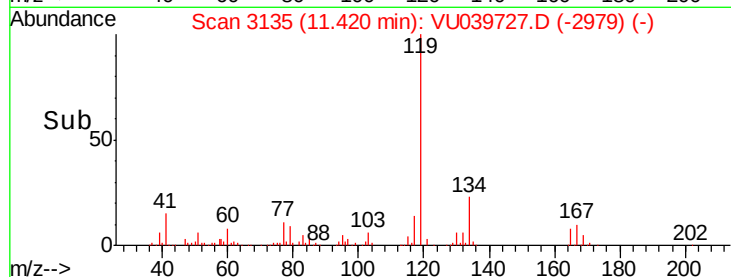
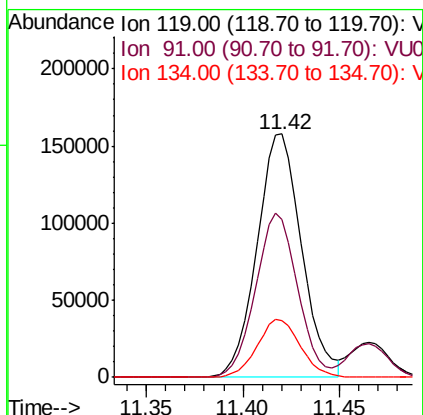
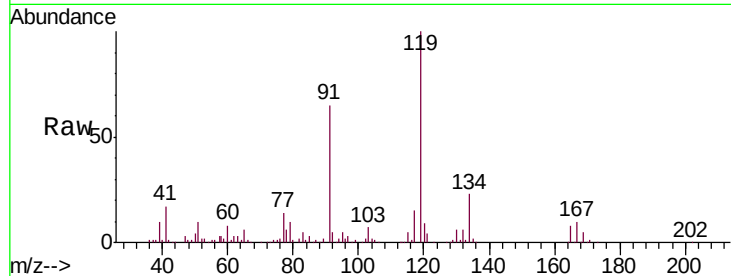




#77
 tert-Butylbenzene
 Concen: 10.282 ug/l
 RT: 11.42 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

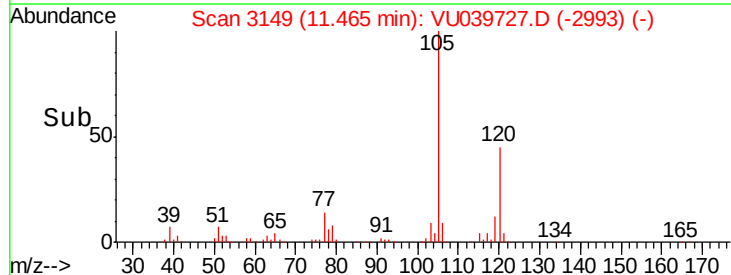
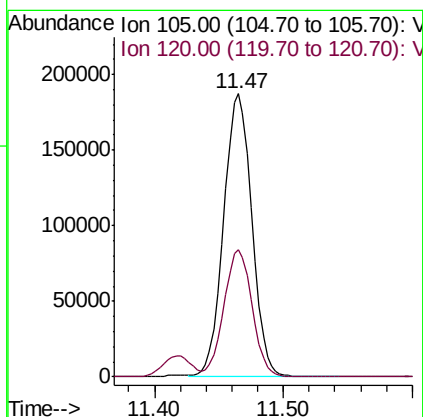
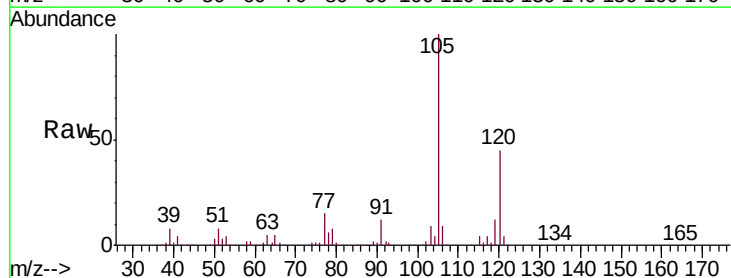
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

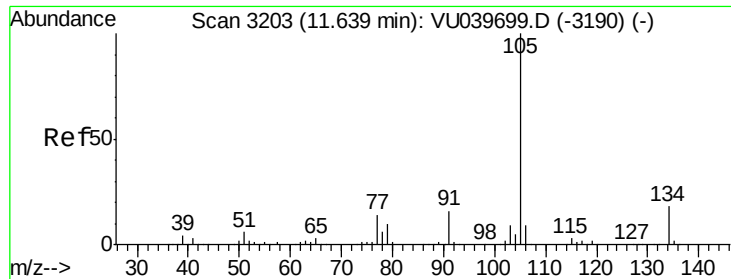
Tgt Ion:119 Resp: 252743
 Ion Ratio Lower Upper
 119 100
 91 63.7 31.9 95.5
 134 23.2 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 10.764 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion:105 Resp: 282865
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.0

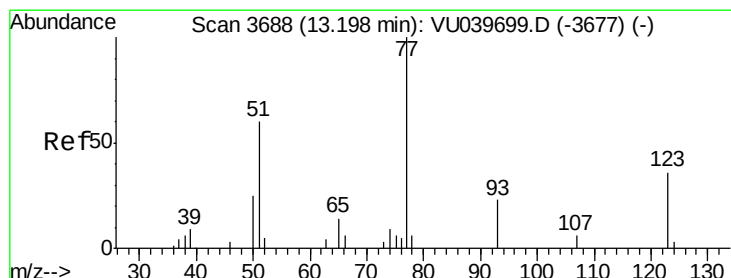
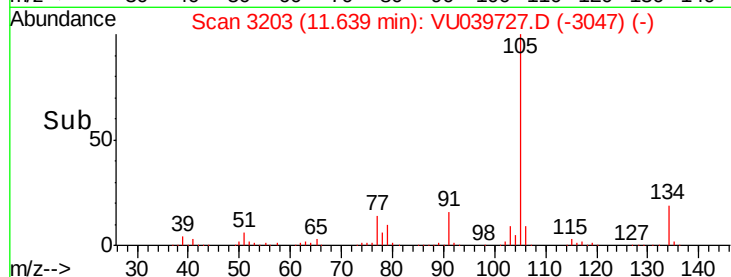
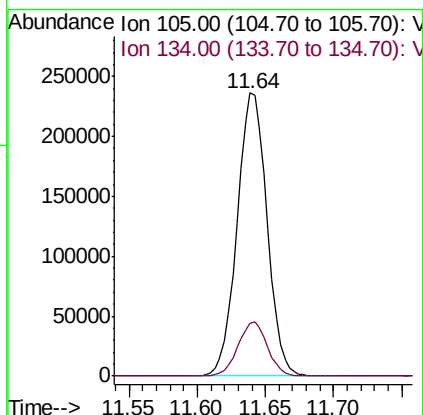
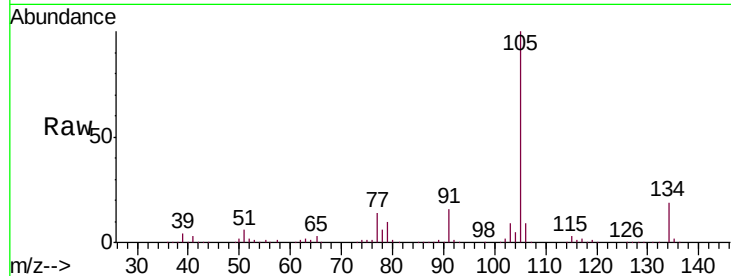




#79
 sec-Butylbenzene
 Concen: 10.253 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

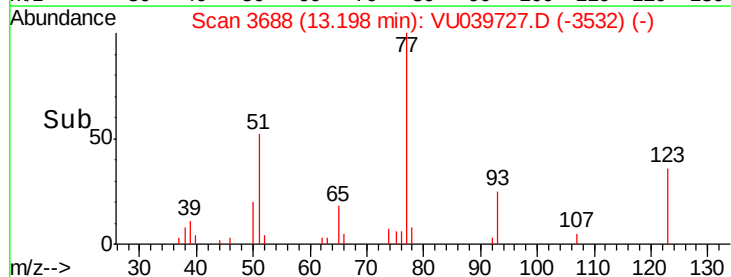
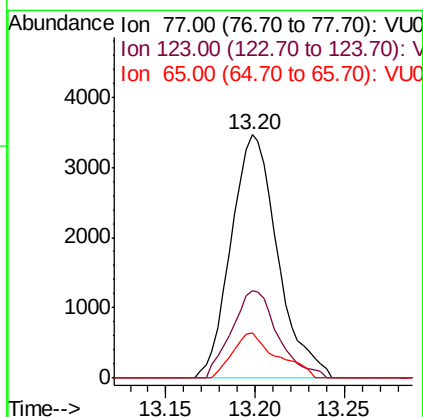
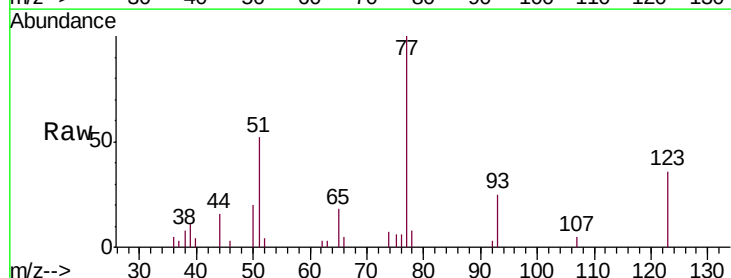
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

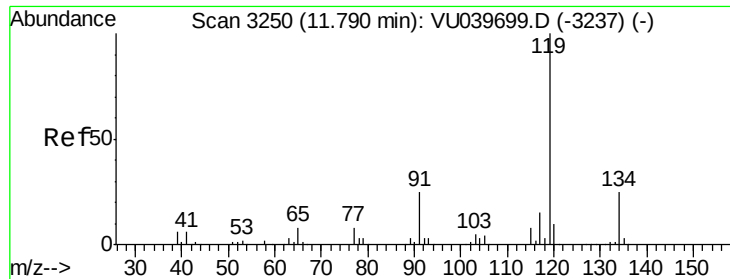
Tgt Ion: 105 Resp: 358736
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2



#80
 Nitrobenzene
 Concen: 49.464 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion: 77 Resp: 6297
 Ion Ratio Lower Upper
 77 100
 123 35.7 16.9 59.9
 65 17.7 14.4 18.4

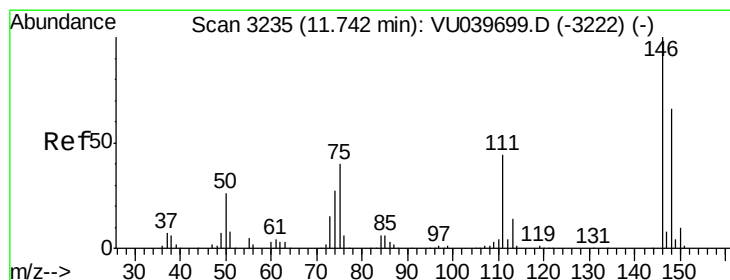
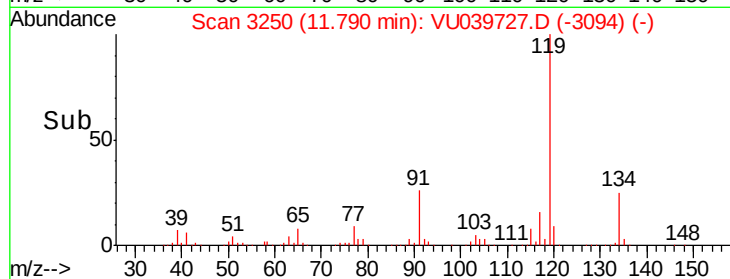
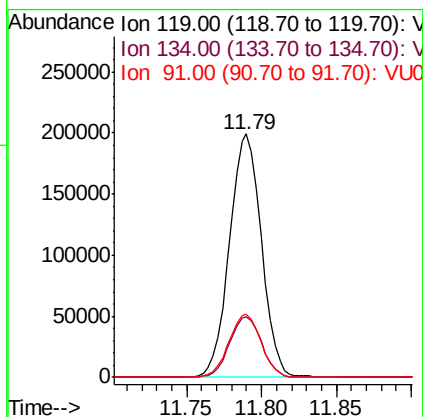
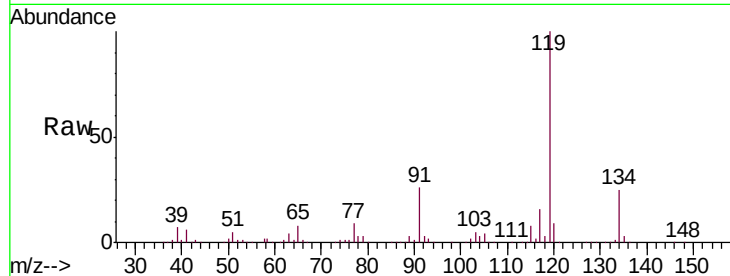




#81
p-Isopropyltoluene
Concen: 10.432 ug/l
RT: 11.79 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

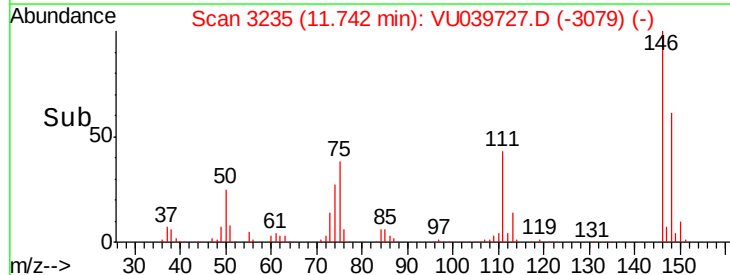
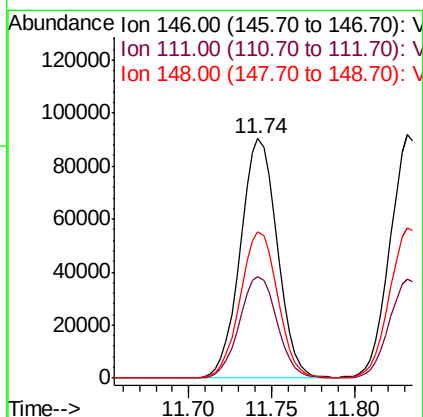
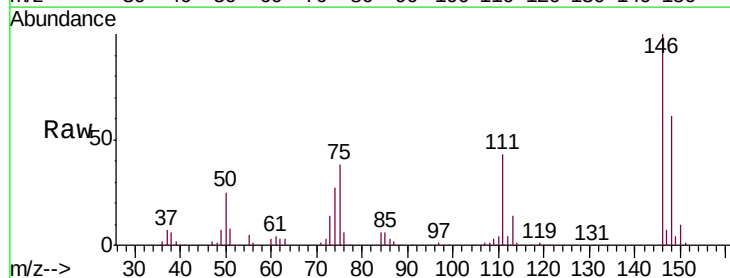
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

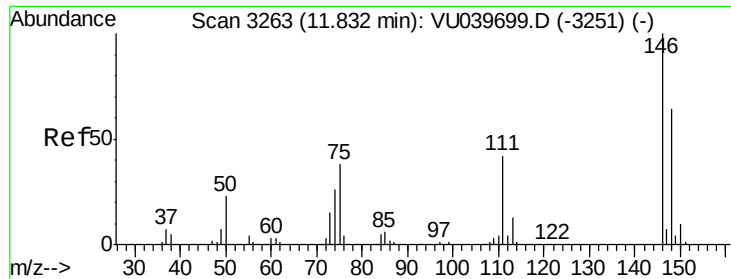
Tgt Ion:119 Resp: 294158
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.4
91 26.0 20.7 31.1



#82
1,3-Dichlorobenzene
Concen: 9.675 ug/l
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU039727.D
Acq: 30 Jul 2020 18:59

Tgt Ion:146 Resp: 140177
Ion Ratio Lower Upper
146 100
111 43.4 34.5 51.7
148 62.3 51.4 77.0

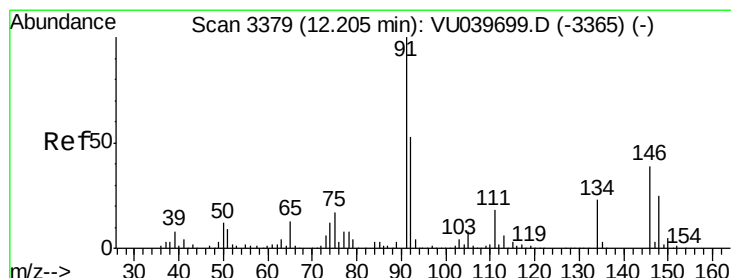
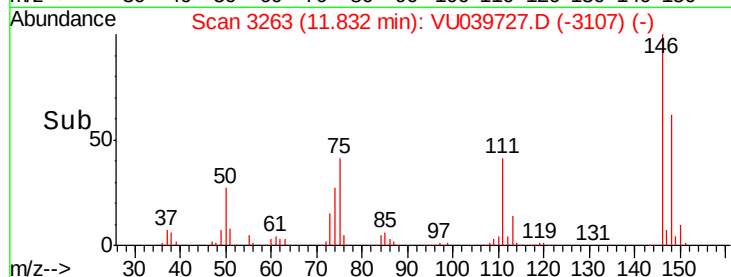
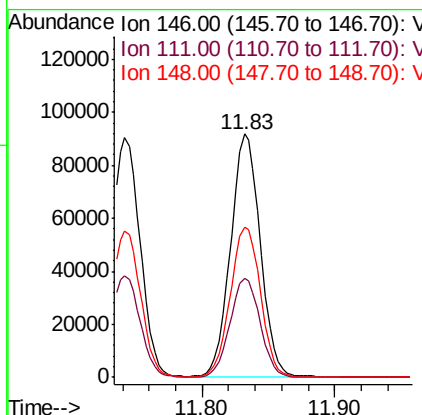
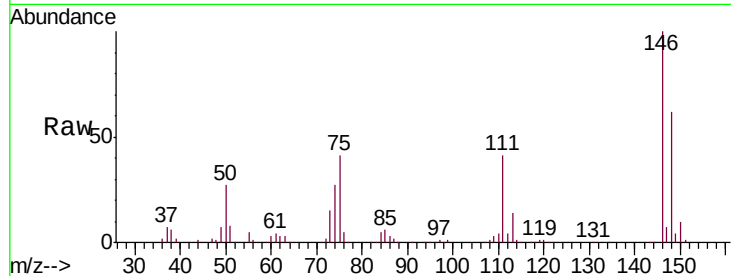




#83
 1,4-Dichlorobenzene
 Concen: 9.758 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

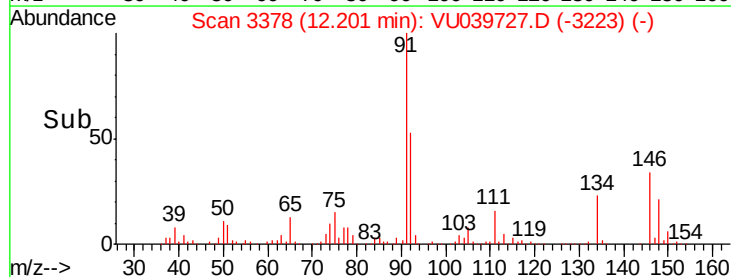
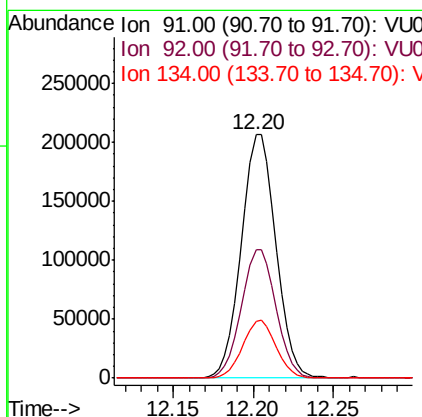
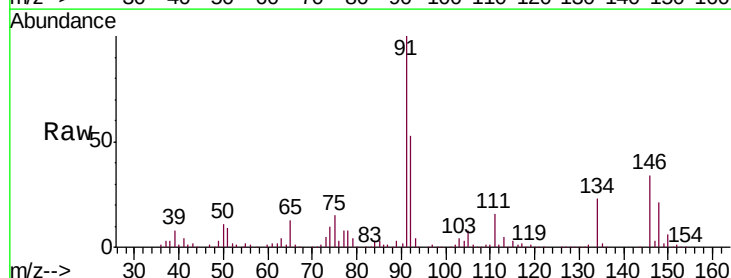
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

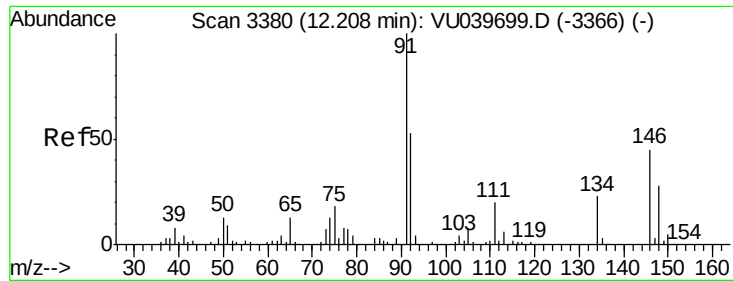
Tgt Ion: 146 Resp: 142213
 Ion Ratio Lower Upper
 146 100
 111 41.7 33.8 50.6
 148 63.0 51.1 76.7



#84
 n-Butylbenzene
 Concen: 10.149 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion: 91 Resp: 303969
 Ion Ratio Lower Upper
 91 100
 92 52.8 42.6 64.0
 134 23.0 18.2 27.4

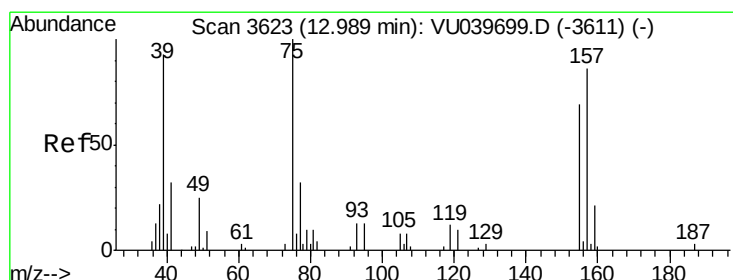
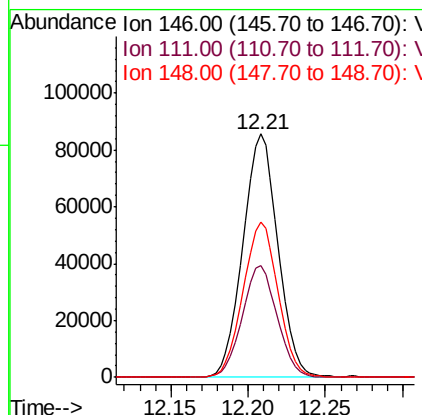
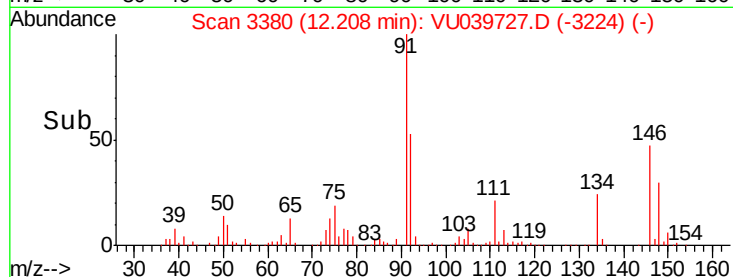
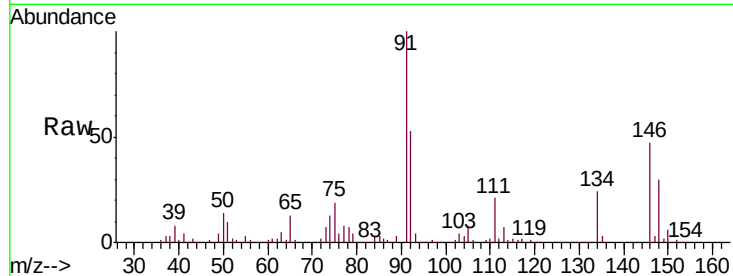




#85
 1,2-Dichlorobenzene
 Concen: 9.660 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

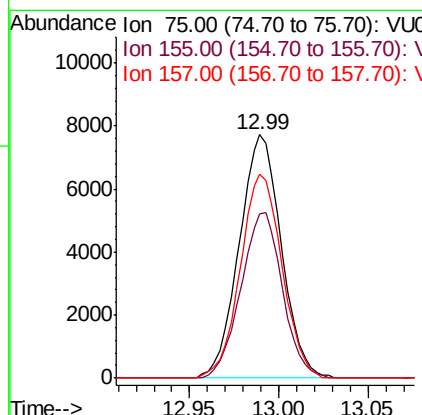
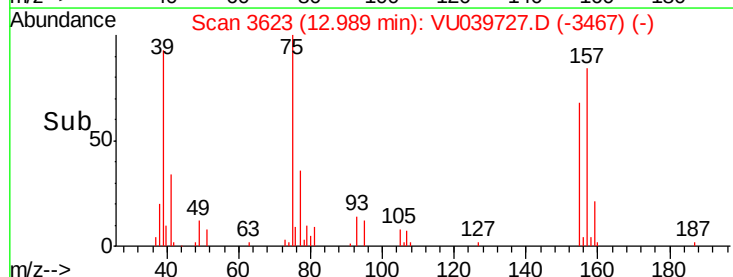
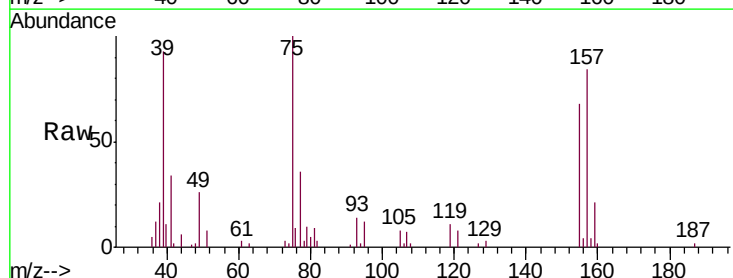
Instrument :
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 ClientSampleId :
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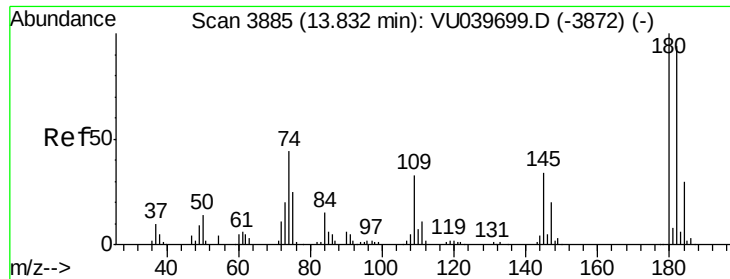
Tgt Ion: 146 Resp: 134904
 Ion Ratio Lower Upper
 146 100
 111 45.7 22.8 68.3
 148 63.9 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.022 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion: 75 Resp: 12701
 Ion Ratio Lower Upper
 75 100
 155 66.9 52.9 79.3
 157 82.6 67.8 101.6

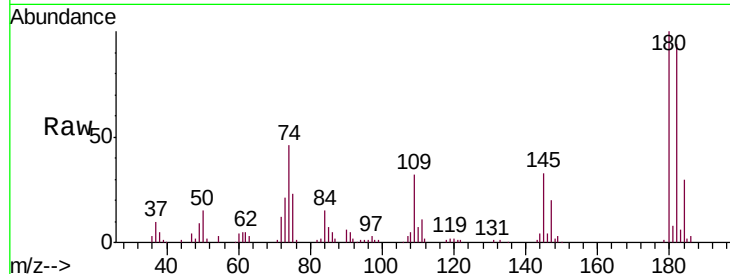




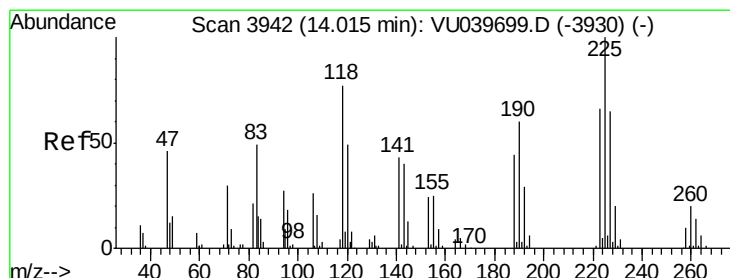
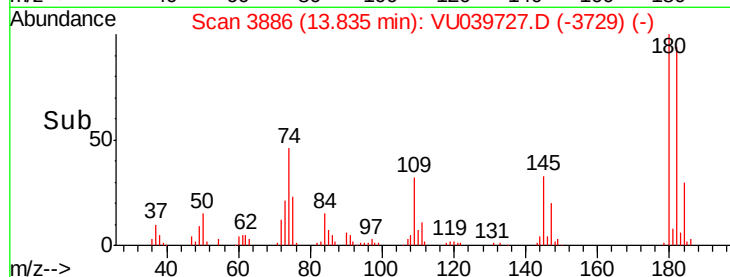
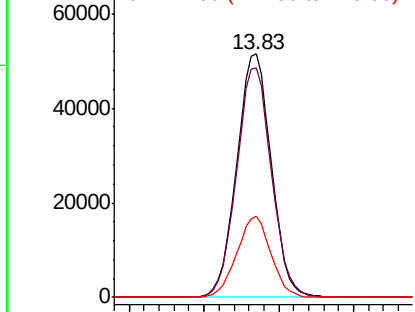
#87
 1,2,4-Trichlorobenzene
 Concen: 9.478 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 82778
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.4
 145 32.7 26.8 40.2

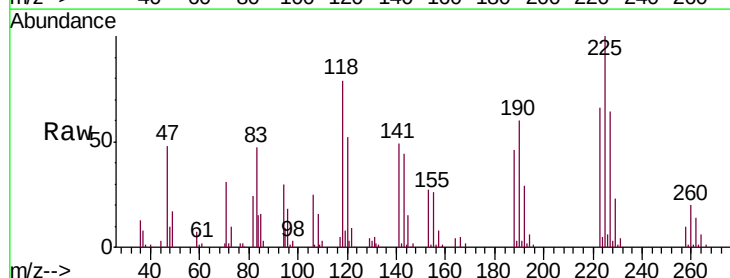


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

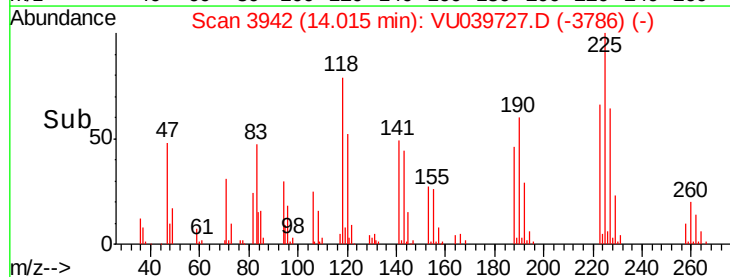
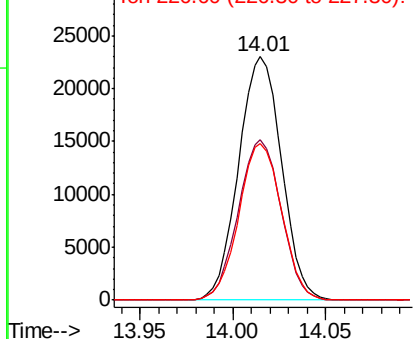


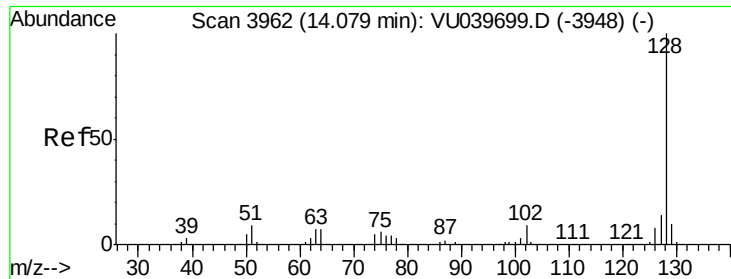
#88
 Hexachlorobutadiene
 Concen: 9.352 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VU039727.D
 Acq: 30 Jul 2020 18:59

Tgt Ion:225 Resp: 37095
 Ion Ratio Lower Upper
 225 100
 223 65.7 52.4 78.6
 227 64.0 50.7 76.1



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: 10.272 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

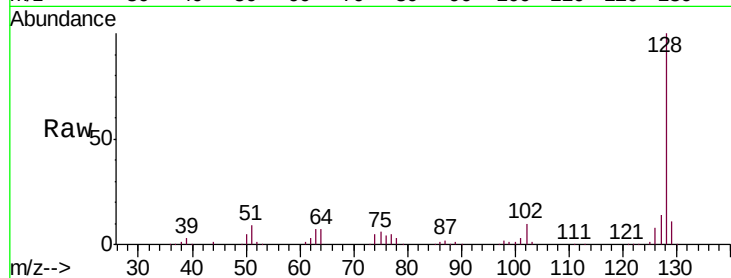
Tgt Ion:128 Resp: 191951

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

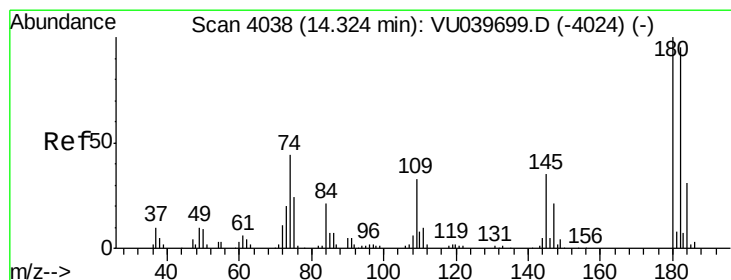
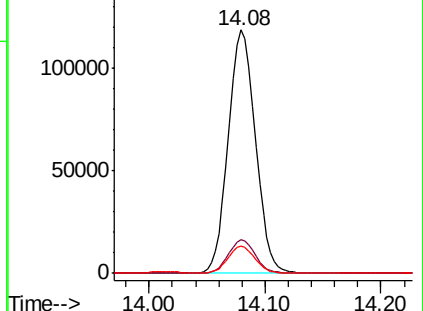
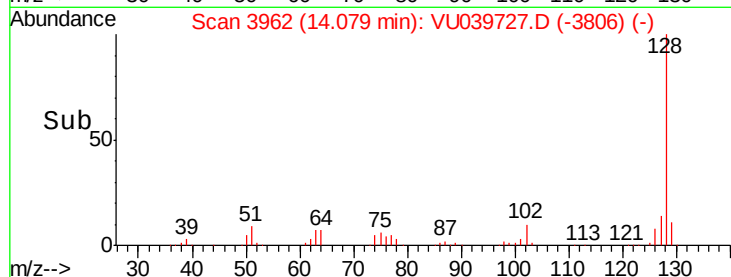
129 11.0 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 9.984 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. 0.00 min

Lab File: VU039727.D

Acq: 30 Jul 2020 18:59

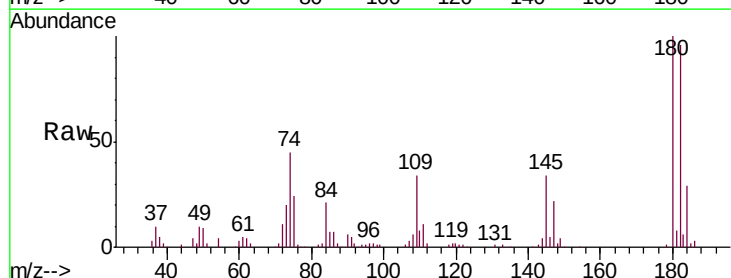
Tgt Ion:180 Resp: 82320

Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 34.2 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

