

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039696.D
 Acq On : 29 Jul 2020 11:12
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 30 01:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	20590	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7507	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7134	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	7271	1.034	ug/l	93
3) Chloromethane	1.53	50	9187	1.097	ug/l	99
4) Vinyl Chloride	1.61	62	8496	1.036	ug/l	99
5) Bromomethane	1.86	94	6234	1.225	ug/l	94
6) Chloroethane	1.94	64	5675	1.135	ug/l	97
7) Trichlorofluoromethane	2.15	101	10906	1.220	ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6229	1.136	ug/l	98
9) 1,1-Dichloroethene	2.59	96	5826	1.070	ug/l	97
10) Iodomethane	2.74	142	4589	1.267	ug/l	99
11) Allyl Chloride	2.93	41	12330	1.196	ug/l	95
12) Acrylonitrile	3.33	53	4141	2.677	ug/l	97
13) Acetone	2.64	43	9431	7.365	ug/l	92
14) Carbon Disulfide	2.81	76	20897	1.051	ug/l	95
15) Methylene Chloride	3.06	84	8563	1.134	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	6654	1.114	ug/l	97
17) 1,1-Dichloroethane	3.89	63	14285	1.225	ug/l	99
18) 2-Butanone	4.74	43	14850	7.516	ug/l	100
19) Cyclohexane	5.40	56	12574	1.121	ug/l	91
20) Methylcyclohexane	6.77	83	9254	0.872	ug/l	95
21) 2,2-Dichloropropane	4.68	77	11837	1.228	ug/l	96
22) cis-1,2-Dichloroethene	4.69	96	7199	1.137	ug/l	95
23) Diethyl Ether	2.39	59	5610	1.149	ug/l	94
24) tert-Butyl Alcohol	3.20	59	13311	23.923	ug/l #	89
25) Methyl tert-Butyl Ether	3.38	73	18632	1.210	ug/l	100
26) Bromochloromethane	4.99	128	2864	1.122	ug/l	96
27) Chloroform	5.11	83	13384	1.228	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	10403	1.164	ug/l	95
29) 1,1-Dichloropropene	5.54	75	10516	1.180	ug/l	98
30) Carbon Tetrachloride	5.54	117	8713	1.169	ug/l	99
31) Isopropyl Ether	4.02	45	25610	1.311	ug/l	96
32) Ethyl-t-butyl ether	4.53	59	22254	1.278	ug/l	96
33) Tert-Amyl methyl ether	5.97	73	15481	1.062	ug/l	99
34) Propionitrile	4.81	54	3961	7.216	ug/l #	93
35) Benzene	5.79	78	24787	1.013	ug/l	96
36) 1,2-Dichloroethane	5.82	62	9599	1.268	ug/l	98
37) Trichloroethene	6.56	130	6054	0.956	ug/l	97
38) 1,2-Dichloropropane	6.81	63	6863	1.028	ug/l	92
39) Methacrylonitrile	5.00	41	4449	1.717	ug/l	94
40) Methyl acrylate	4.87	55	5592	1.486	ug/l	95
41) Tetrahydrofuran	5.09	42	4877	3.744	ug/l #	89
42) 1-Chlorobutane	5.47	56	16174	1.237	ug/l	95

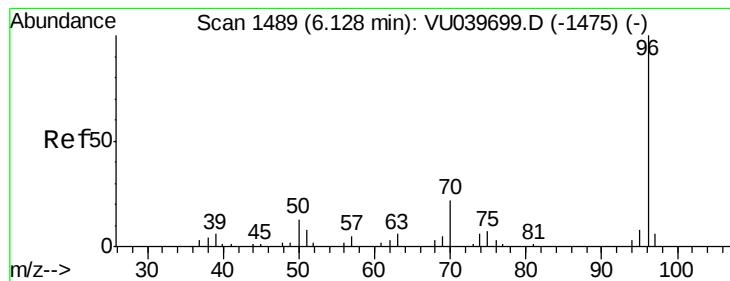
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
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Quant Time: Jul 30 01:19:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	4102	1.294	ug/l	90
44) Bromodichloromethane	7.12	83	8676	1.101	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	26072	5.844	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	7908	5.800	ug/l #	47
47) Methyl methacrylate	6.98	69	6373	1.985	ug/l	94
48) Ethyl methacrylate	8.35	69	5824	0.985	ug/l	97
49) Toluene	7.98	92	14010	0.907	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	6852	0.863	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	8537	0.905	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	4685	1.057	ug/l	96
53) 1,3-Dichloropropane	8.58	76	9194	1.103	ug/l	96
54) 2-Hexanone	8.70	43	18712	5.914	ug/l	99
55) Dibromochloromethane	8.82	129	5176	1.055	ug/l	88
56) 1,2-Dibromoethane	8.93	107	4479	1.063	ug/l	93
58) Tetrachloroethene	8.56	164	4994	0.860	ug/l	95
59) Chlorobenzene	9.45	112	14700	0.900	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	5053	1.005	ug/l	98
61) Pentachloroethane	11.43	117	4075	1.047	ug/l	99
62) Hexachloroethane	12.47	117	3596	0.902	ug/l	97
63) Ethyl Benzene	9.57	91	25082	0.857	ug/l	99
64) m/p-Xylenes	9.70	106	18628	1.648	ug/l	95
65) o-Xylene	10.10	106	9425	0.860	ug/l	97
66) Styrene	10.11	104	15480	0.851	ug/l	99
67) Bromoform	10.29	173	2303	0.894	ug/l #	96
69) Isopropylbenzene	10.48	105	24472	0.854	ug/l	96
70) 1,1,1,2-Tetrachloroethane	10.78	83	6677	1.146	ug/l	96
71) 1,2,3-Trichloropropane	10.83	75	7908	1.799	ug/l	84
72) Bromobenzene	10.78	156	5874	0.922	ug/l	96
73) n-propylbenzene	10.91	120	7034	0.892	ug/l	97
74) 2-Chlorotoluene	10.99	126	5937	0.897	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	20701	0.861	ug/l	97
76) 4-Chlorotoluene	11.10	126	6153	0.892	ug/l	96
77) tert-Butylbenzene	11.42	119	19951	0.874	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	20506	0.828	ug/l	99
79) sec-Butylbenzene	11.64	105	29566	0.906	ug/l	99
80) Nitrobenzene	13.20	77	488	3.085	ug/l #	77
81) p-Isopropyltoluene	11.79	119	23239	0.881	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	12551	0.943	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	13186	0.979	ug/l	96
84) n-Butylbenzene	12.20	91	24576	0.928	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	12377	0.991	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	1050	1.108	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	7579	0.847	ug/l	95
88) Hexachlorobutadiene	14.01	225	3537	0.893	ug/l	96
89) Naphthalene	14.08	128	14079	0.800	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	6796	0.848	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 20590

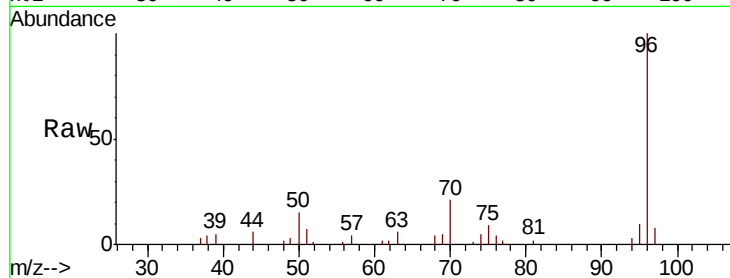
Ion Ratio Lower Upper

96 100

70 19.8 16.3 24.5

95 9.1 6.8 10.2

97 6.6 0.0 0.0#

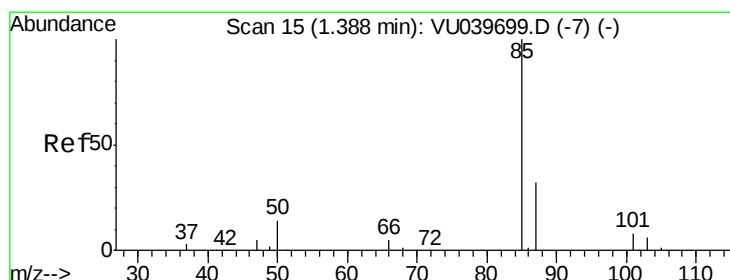
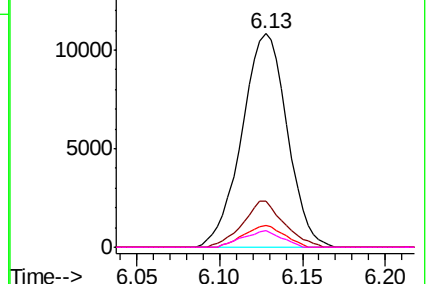
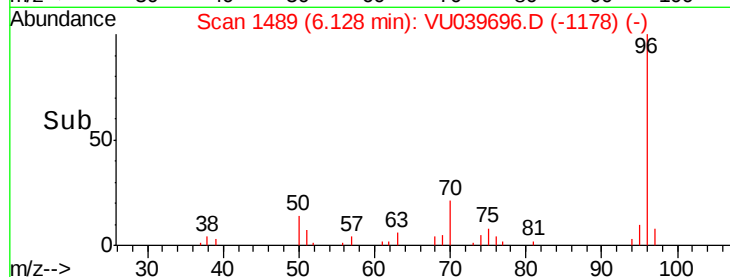


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU039699.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-1475) (-)



#2

Dichlorodifluoromethane

Concen: 1.034 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039696.D

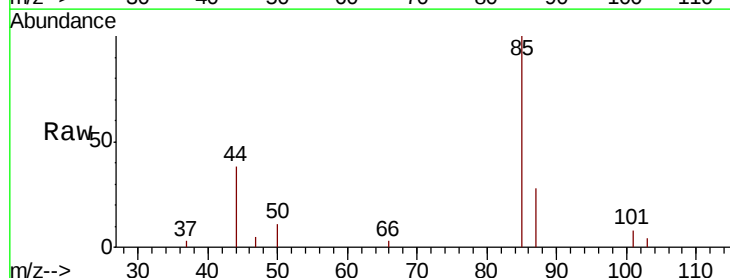
Acq: 29 Jul 2020 11:12

Tgt Ion: 85 Resp: 7271

Ion Ratio Lower Upper

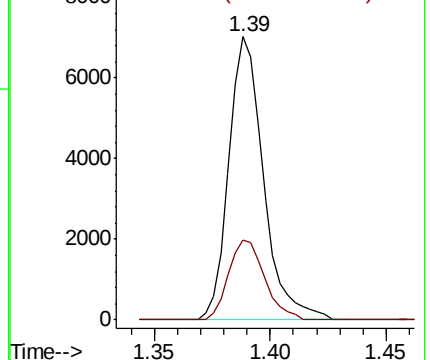
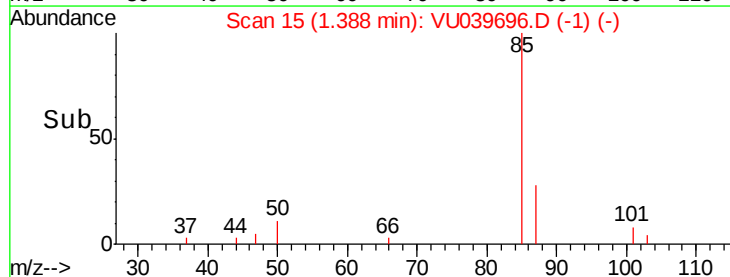
85 100

87 28.4 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039699.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-7) (-)





#3

Chloromethane

Concen: 1.097 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

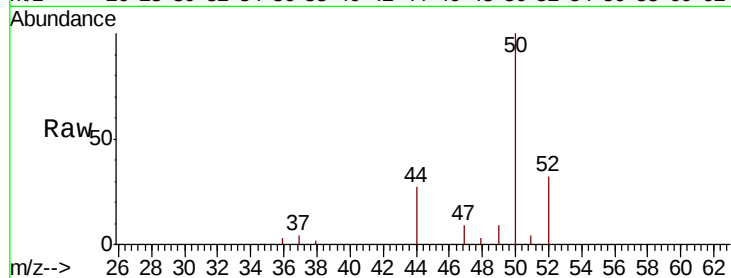
VSTDIC001

Tot Ion: 50 Resp: 9187

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU039699.D (-50) (-)

Ion 52.00 (51.70 to 52.70): VU039699.D (-50) (-)

8000

6000

4000

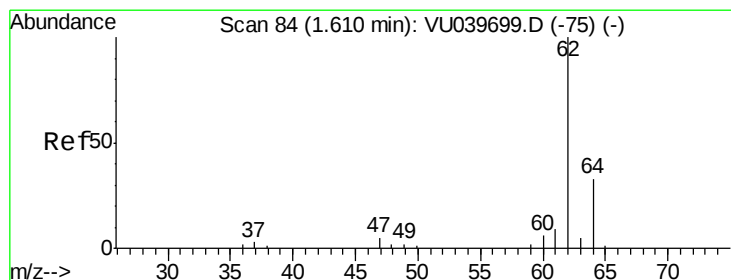
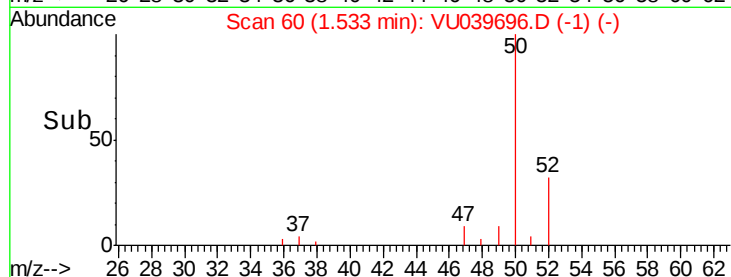
2000

0

1.50

1.55

Time-->



#4

Vinyl Chloride

Concen: 1.036 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039696.D

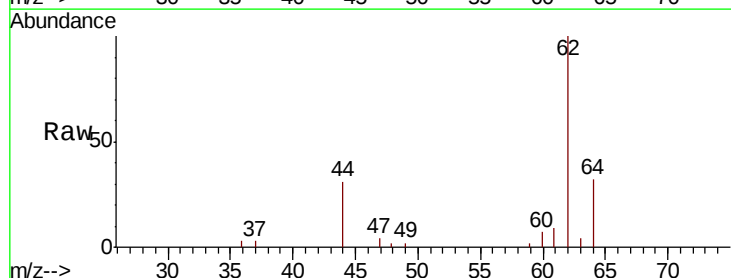
Acq: 29 Jul 2020 11:12

Tgt Ion: 62 Resp: 8496

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-75) (-)

Ion 64.00 (63.70 to 64.70): VU039699.D (-75) (-)

8000

6000

4000

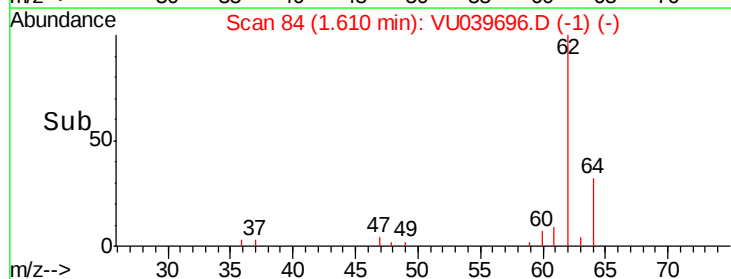
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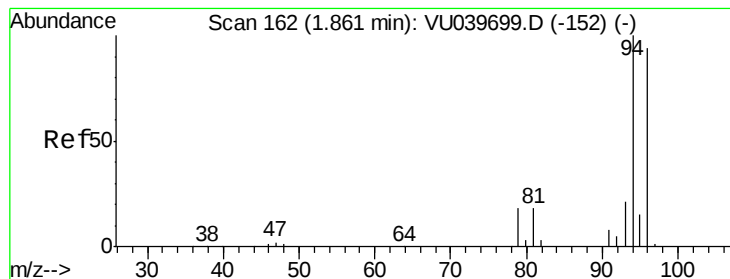
0

1.60

1.65

Time-->





#5

Bromomethane

Concen: 1.225 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

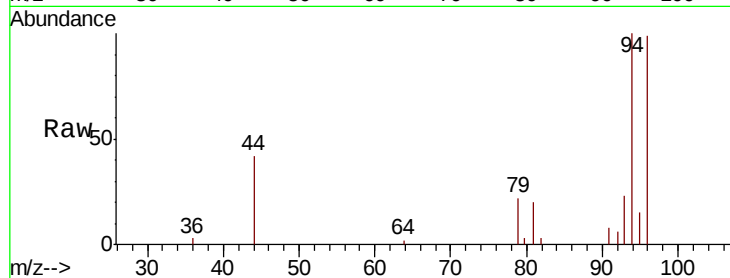
VSTDIC001

Tot Ion: 94 Resp: 6234

Ion Ratio Lower Upper

94 100

96 99.2 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039699.D (-152) (-)

1.86

4000

3000

2000

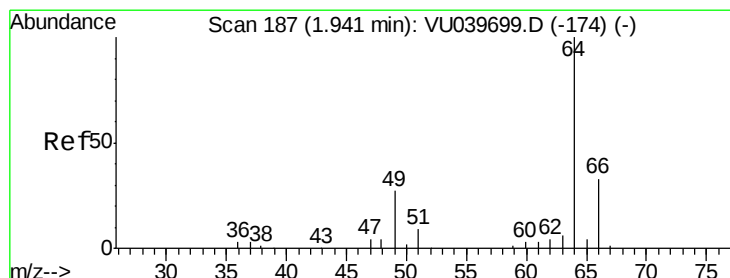
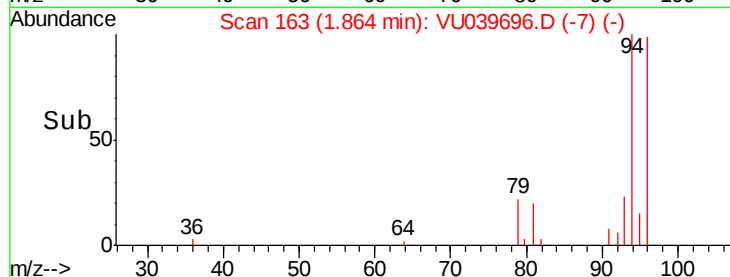
1000

0

1.85

1.90

Time-->



#6

Chloroethane

Concen: 1.135 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039696.D

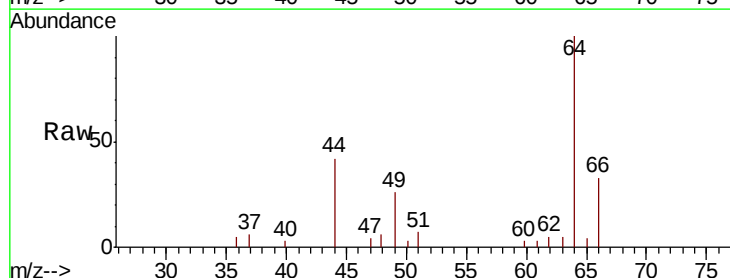
Acq: 29 Jul 2020 11:12

Tgt Ion: 64 Resp: 5675

Ion Ratio Lower Upper

64 100

66 34.5 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039699.D (-174) (-)

1.94

4000

3000

2000

1000

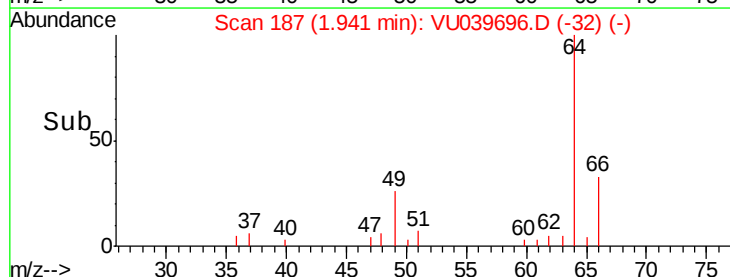
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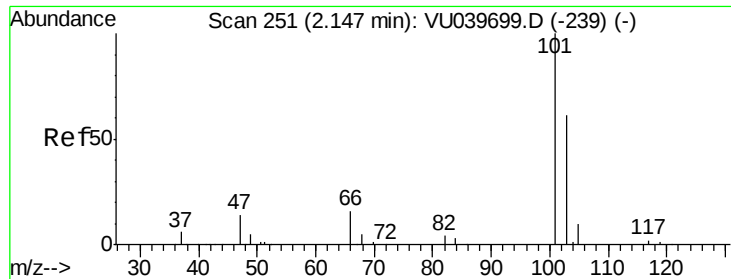
1.90

1.95

2.00

Time-->



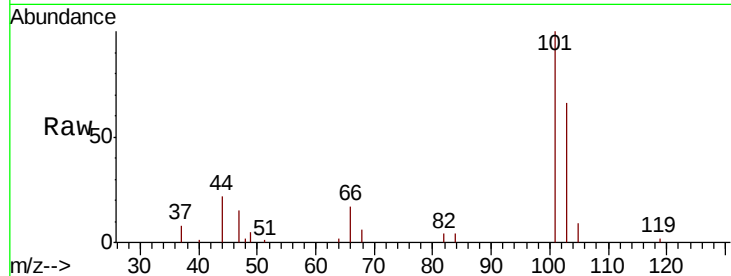


#7

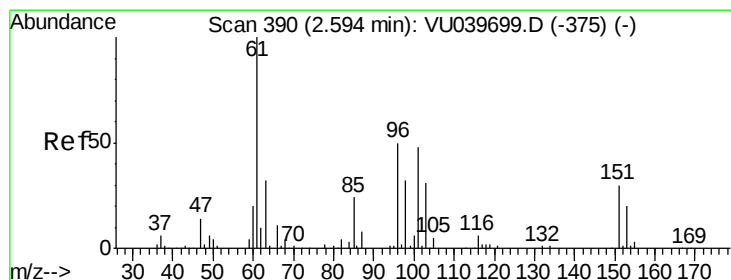
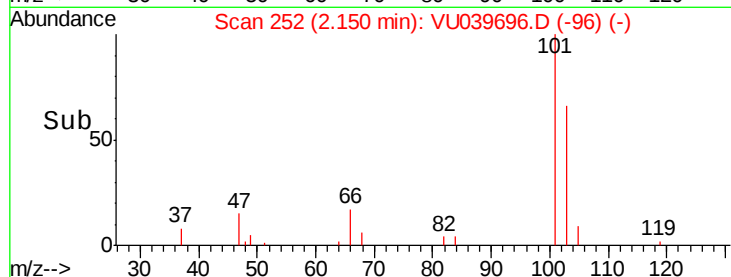
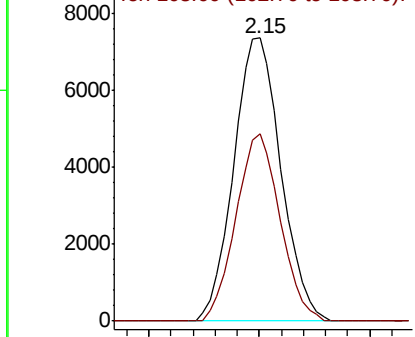
Trichlorofluoromethane
 Concen: 1.220 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 10906
 Ion Ratio Lower Upper
 101 100
 103 66.2 48.8 73.2



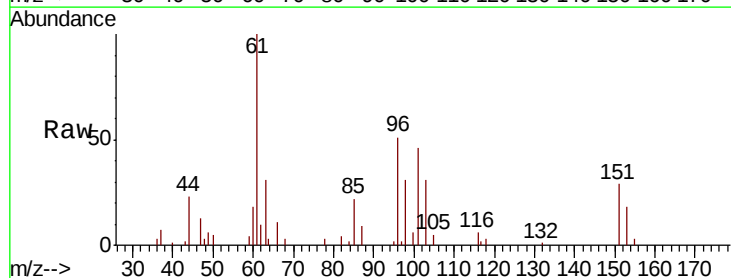
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



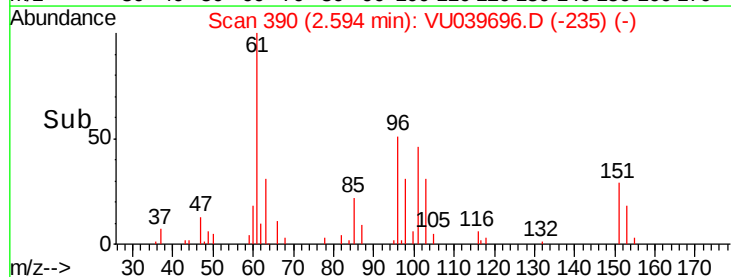
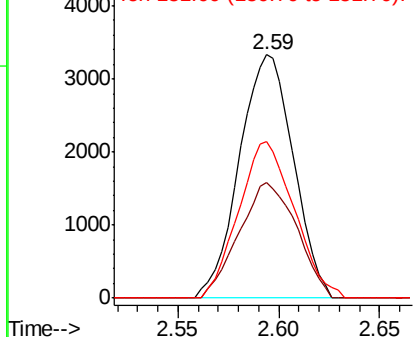
#8

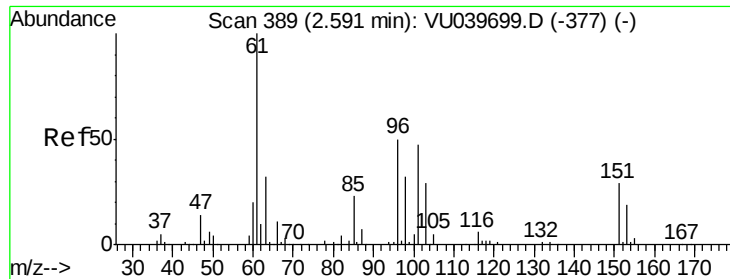
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.136 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion:101 Resp: 6229
 Ion Ratio Lower Upper
 101 100
 85 50.5 39.9 59.9
 151 66.2 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.070 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

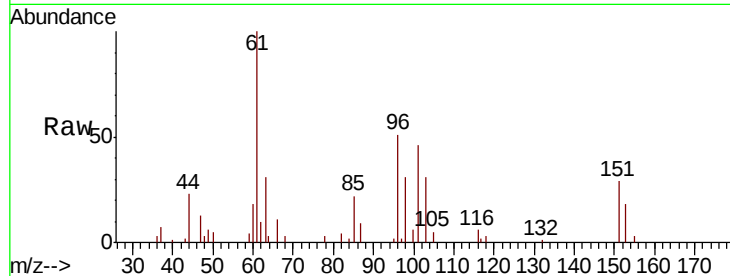
Tot Ion: 96 Resp: 5826

Ion Ratio Lower Upper

96 100

61 197.0 0.0 604.5

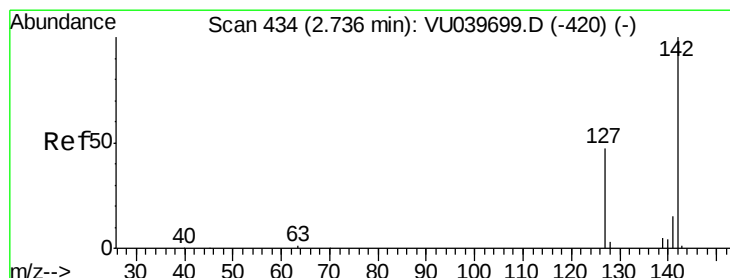
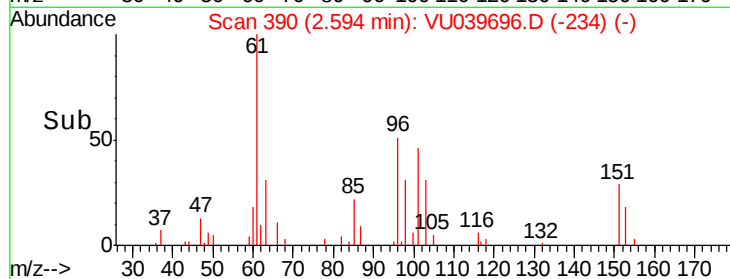
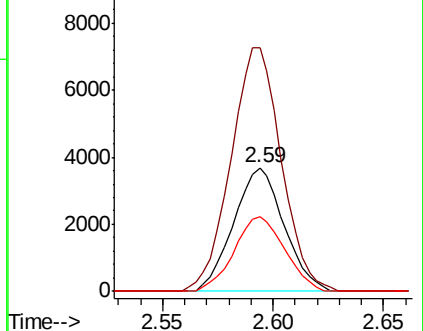
98 60.9 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)



#10

Iodomethane

Concen: 1.267 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039696.D

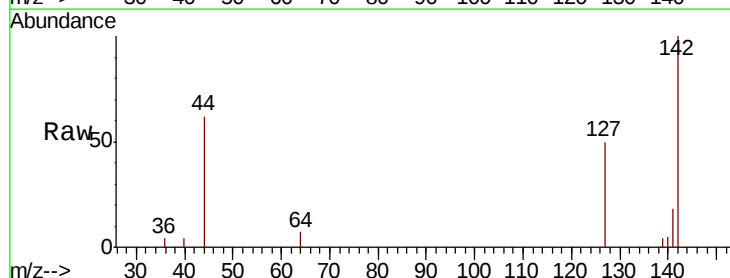
Acq: 29 Jul 2020 11:12

Tgt Ion: 142 Resp: 4589

Ion Ratio Lower Upper

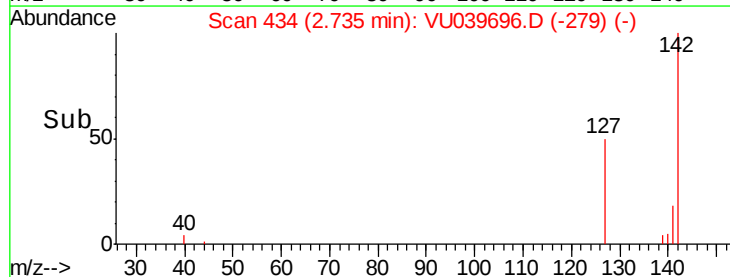
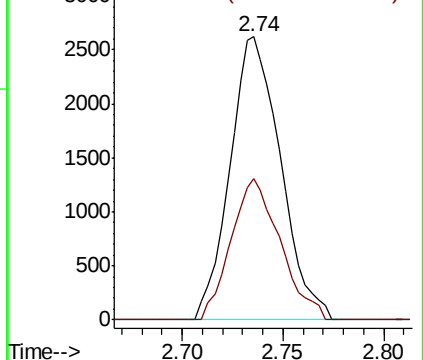
142 100

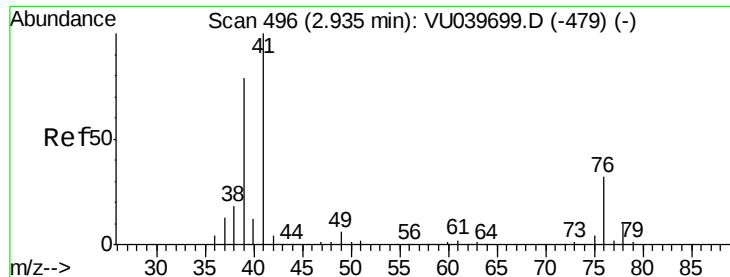
127 48.5 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)

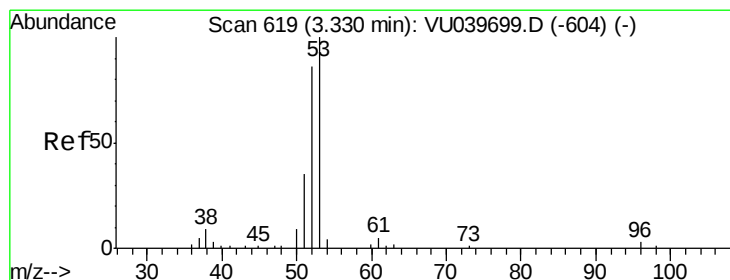
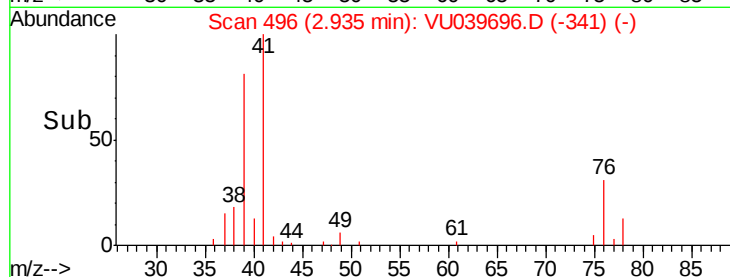
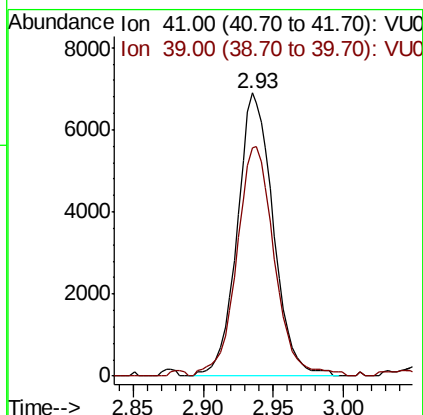
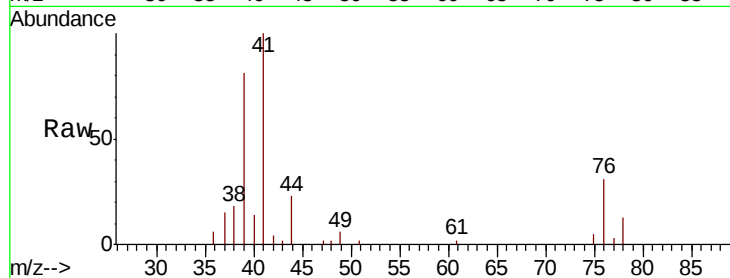




#11
Allvl Chloride
Concen: 1.196 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

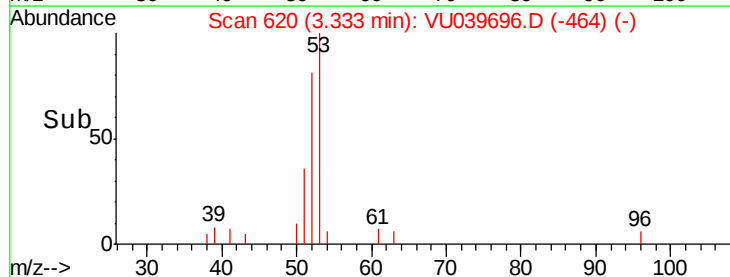
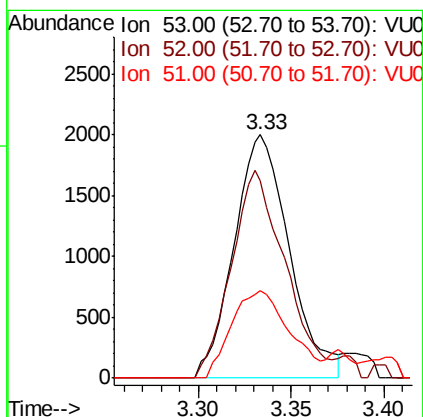
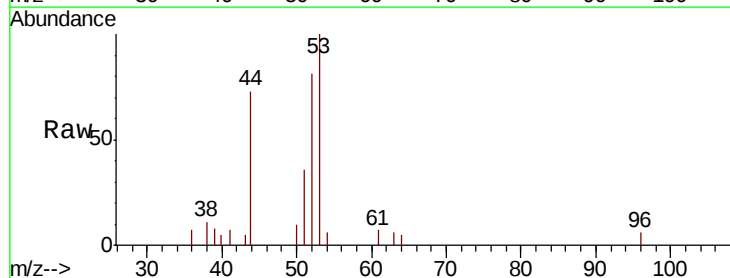
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 41 Resp: 12330
Ion Ratio Lower Upper
41 100
39 85.0 64.2 96.2



#12
Acrylonitrile
Concen: 2.677 ug/l
RT: 3.33 min Scan# 620
Delta R.T. 0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 53 Resp: 4141
Ion Ratio Lower Upper
53 100
52 83.3 69.1 103.7
51 37.6 29.4 44.2





#13

Acetone

Concen: 7.365 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

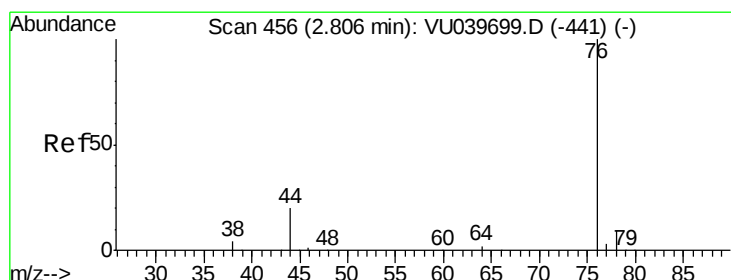
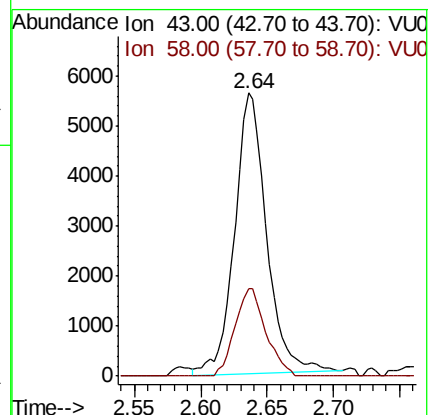
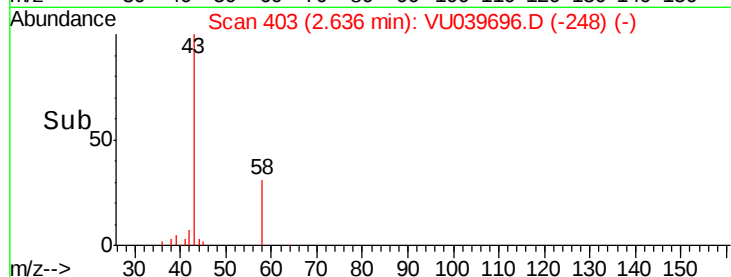
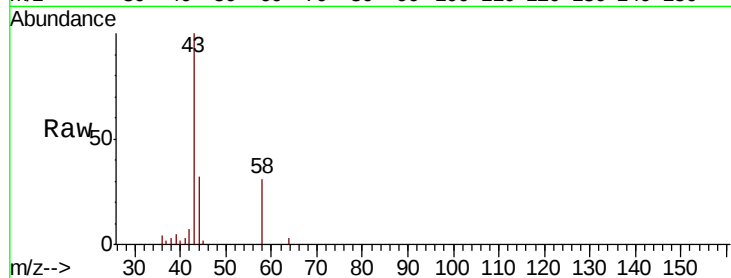
VSTDIC001

Tot Ion: 43 Resp: 9431

Ion Ratio Lower Upper

43 100

58 31.6 21.8 32.6



#14

Carbon Disulfide

Concen: 1.051 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039696.D

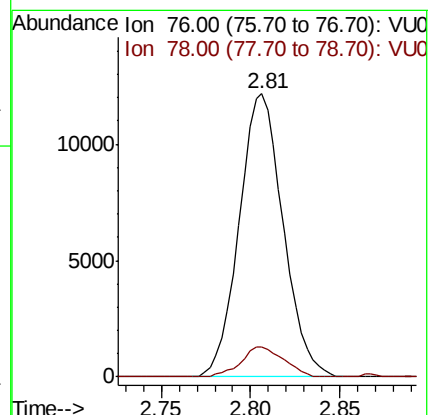
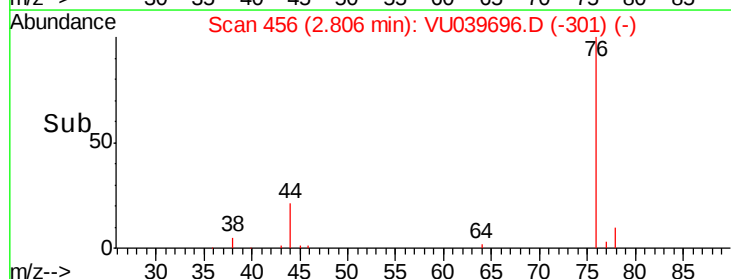
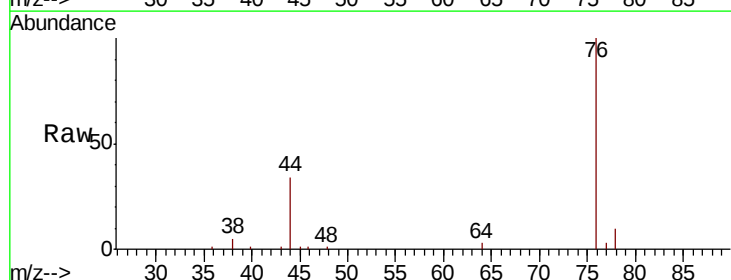
Acq: 29 Jul 2020 11:12

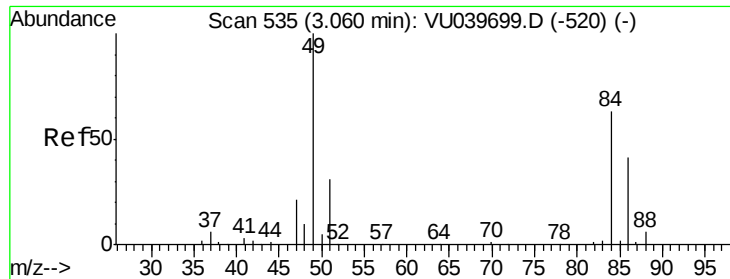
Tgt Ion: 76 Resp: 20897

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6

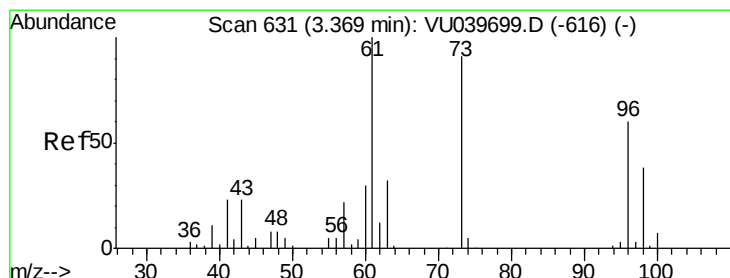
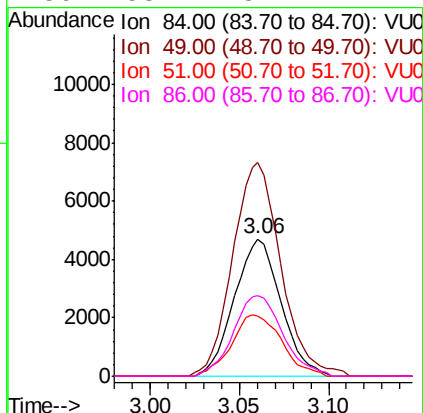
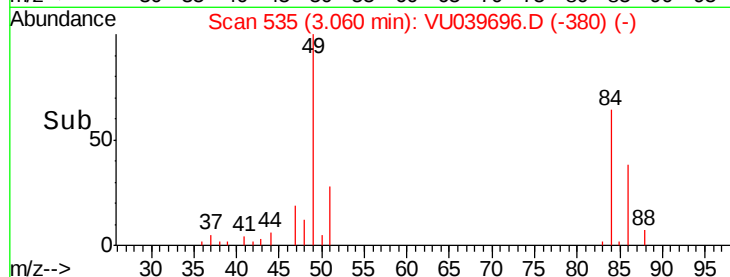
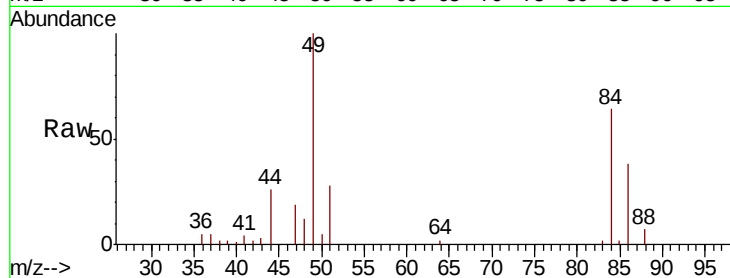




#15
Methylene Chloride
Concen: 1.134 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

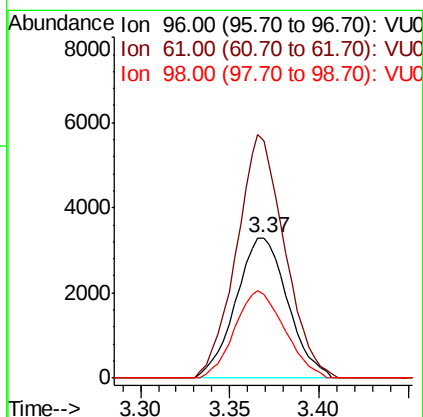
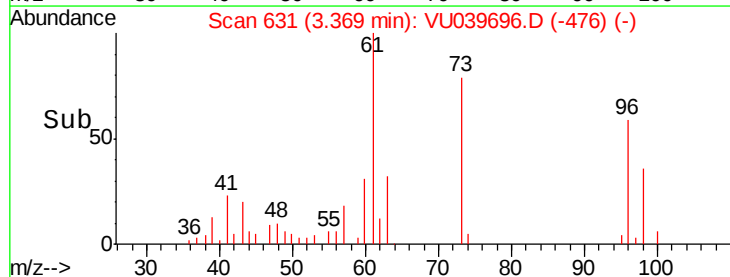
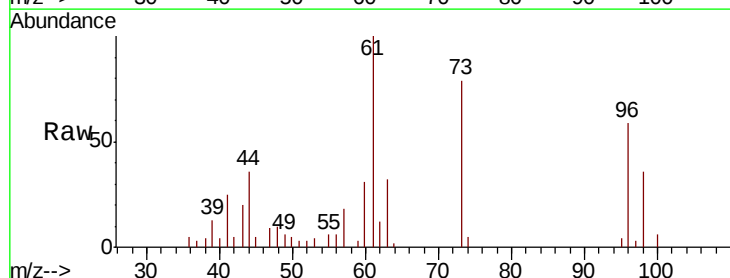
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

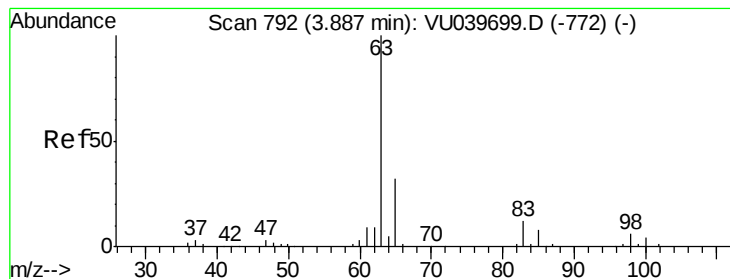
Tot Ion: 84 Resp: 8563
Ion Ratio Lower Upper
84 100
49 155.5 126.8 190.2
51 43.5 0.0 97.2
86 58.7 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 1.114 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 96 Resp: 6654
Ion Ratio Lower Upper
96 100
61 169.0 132.6 199.0
98 60.0 50.2 75.2





#17

1,1-Dichloroethane

Concen: 1.225 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

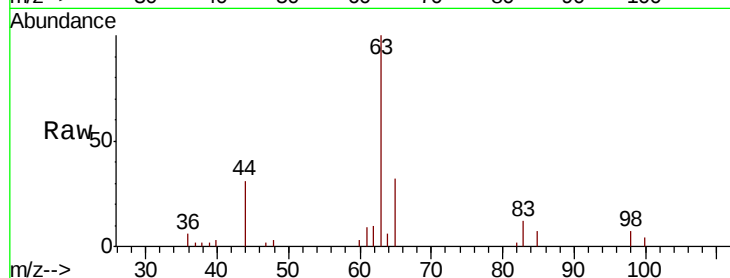
Tot Ion: 63 Resp: 14285

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

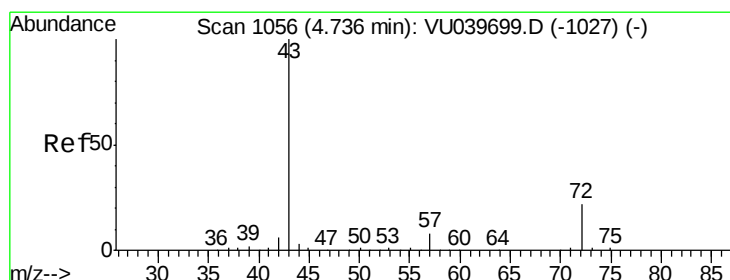
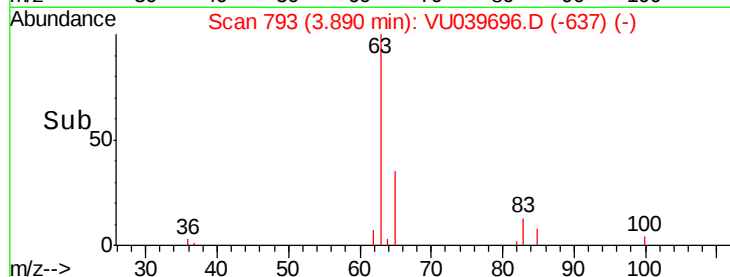
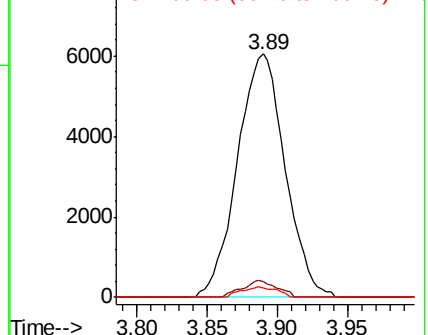
100 3.9 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-772) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-772) (-)

Ion 100.00 (99.70 to 100.70): VU039699.D (-772) (-)



#18

2-Butanone

Concen: 7.516 ug/l

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039696.D

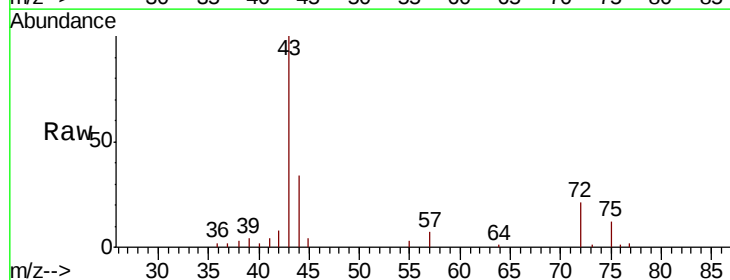
Acq: 29 Jul 2020 11:12

Tgt Ion: 43 Resp: 14850

Ion Ratio Lower Upper

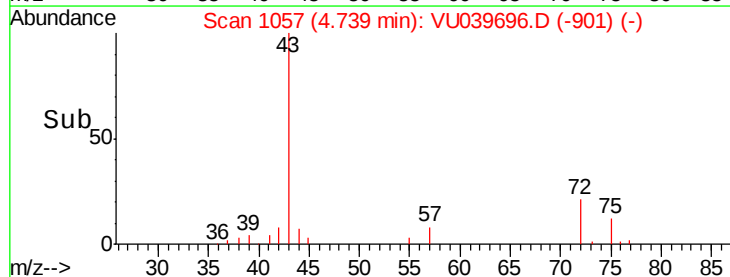
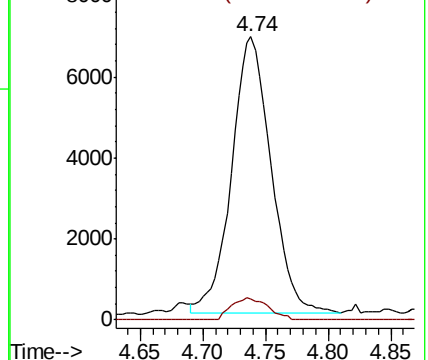
43 100

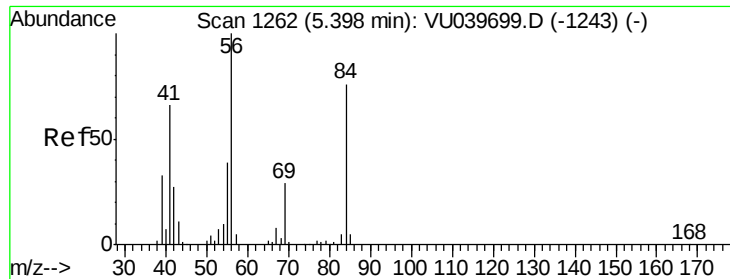
57 7.7 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1027) (-)

Ion 57.00 (56.70 to 57.70): VU039699.D (-1027) (-)

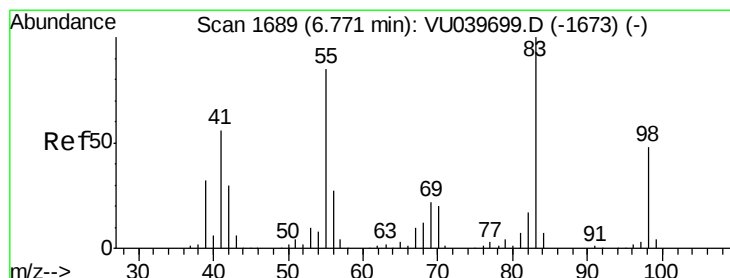
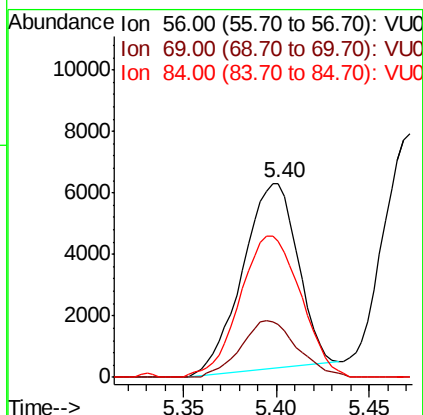
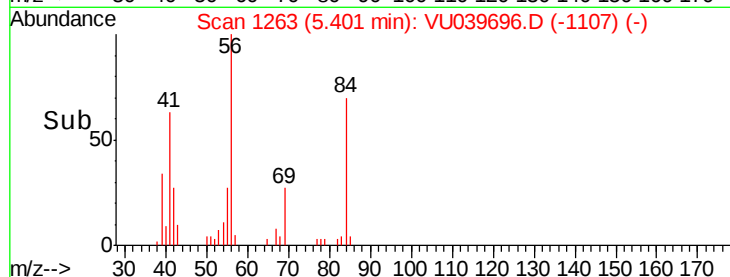
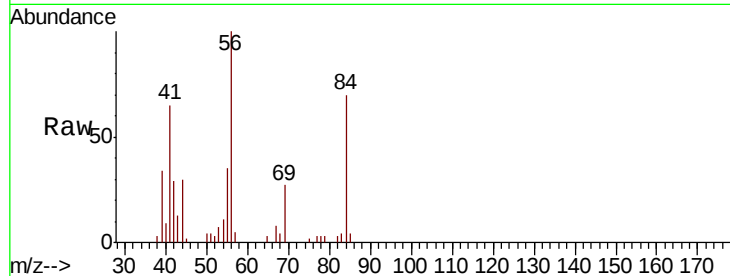




#19
Cyclohexane
Concen: 1.121 ug/l
RT: 5.40 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

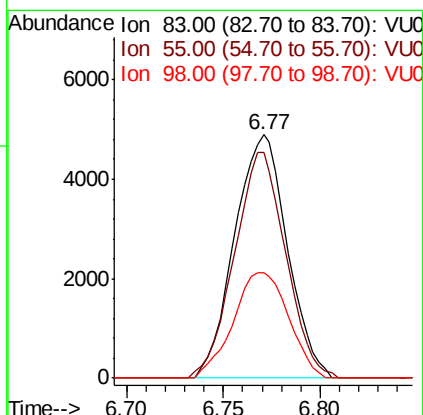
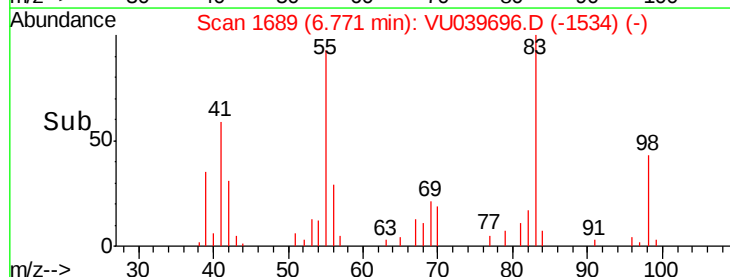
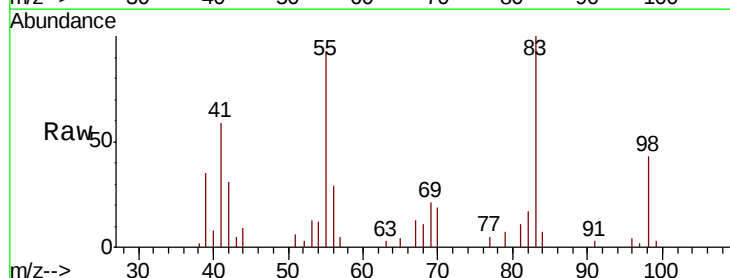
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

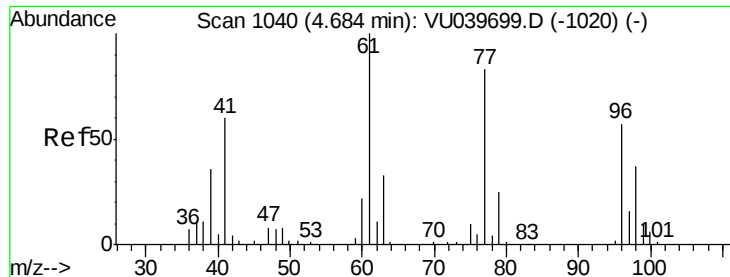
Tot Ion: 56 Resp: 12574
Ion Ratio Lower Upper
56 100
69 31.4 22.8 34.2
84 83.7 59.9 89.9



#20
Methylcyclohexane
Concen: 0.872 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 83 Resp: 9254
Ion Ratio Lower Upper
83 100
55 90.5 67.6 101.4
98 45.7 37.3 55.9

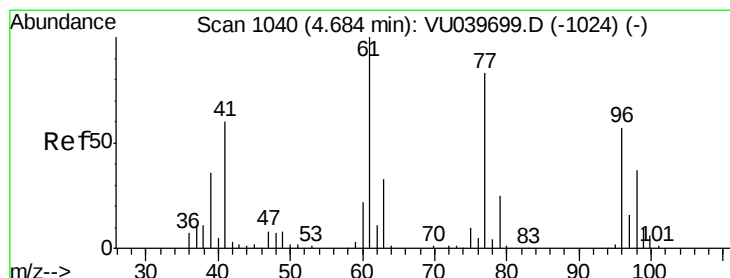
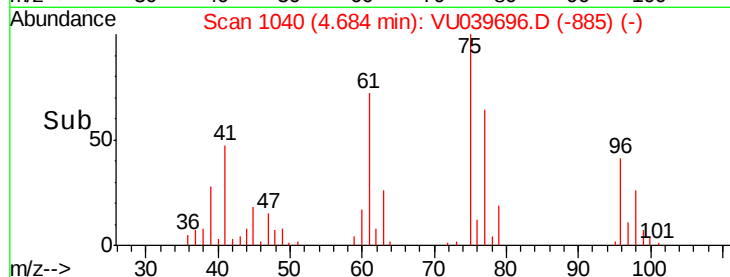
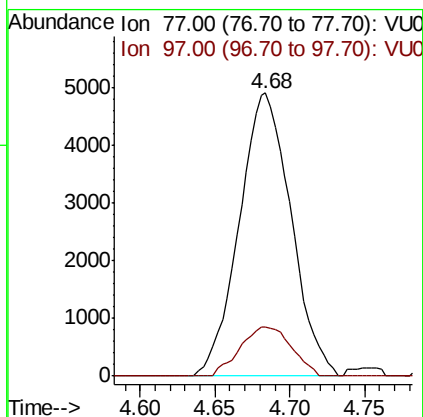
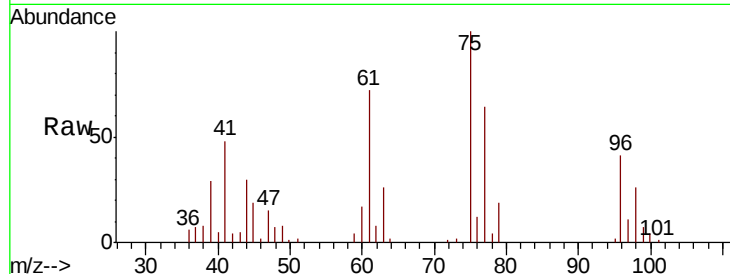




#21
 2,2-Dichloropropane
 Concen: 1.228 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

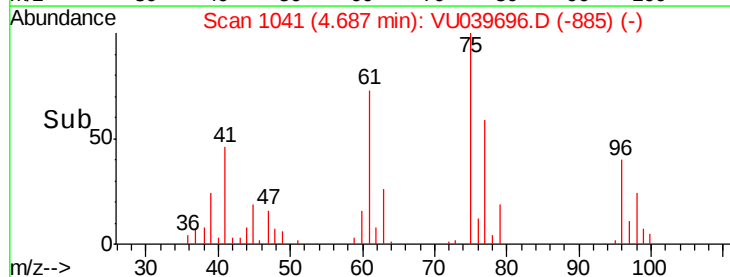
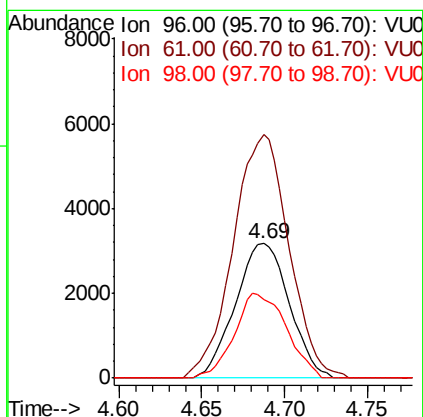
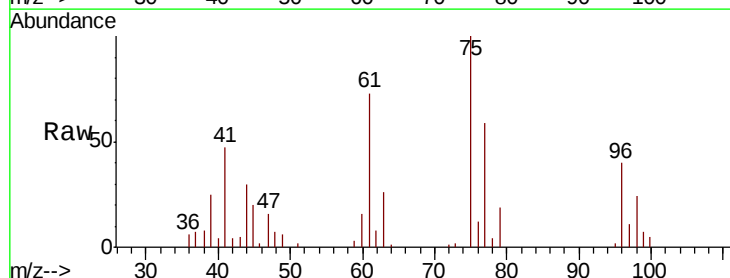
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

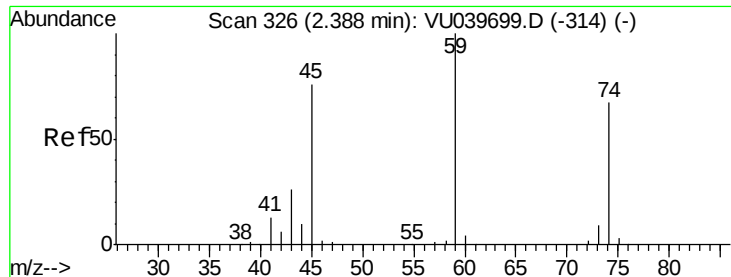
Tot Ion: 77 Resp: 11837
 Ion Ratio Lower Upper
 77 100
 97 17.3 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 1.137 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion: 96 Resp: 7199
 Ion Ratio Lower Upper
 96 100
 61 186.4 0.0 451.3
 98 60.5 32.6 98.0

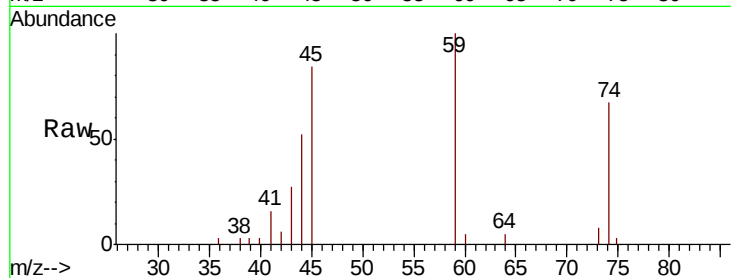




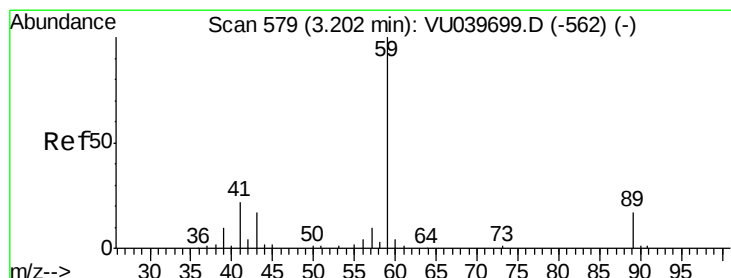
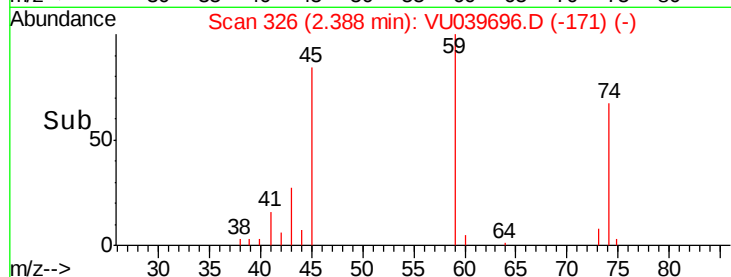
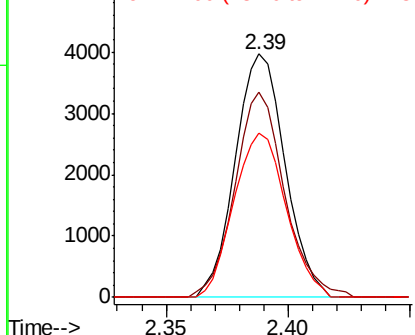
#23
Diethyl Ether
Concen: 1.149 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 59 Resp: 5610
Ion Ratio Lower Upper
59 100
45 84.4 61.5 92.3
74 71.0 54.3 81.5

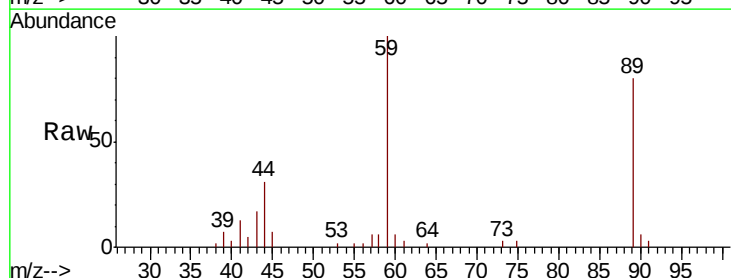


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

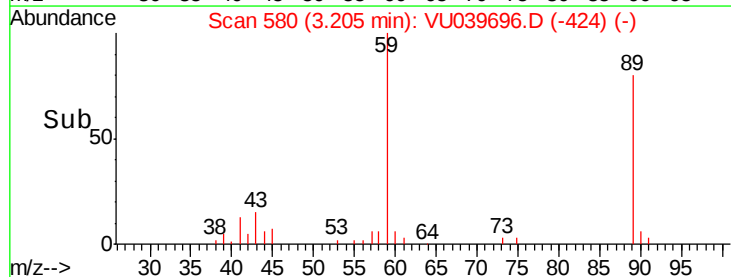
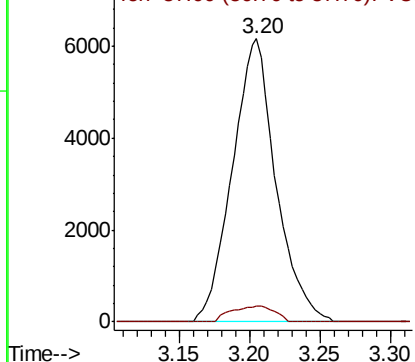


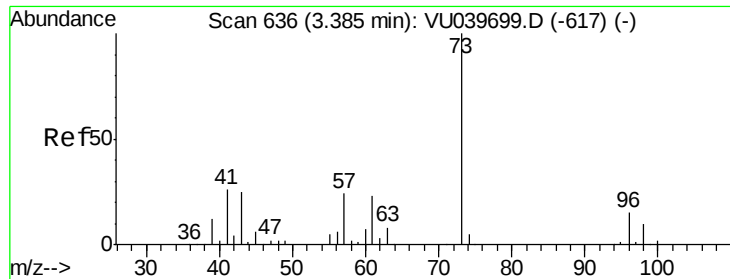
#24
tert-Butyl Alcohol
Concen: 23.923 ug/l
RT: 3.20 min Scan# 580
Delta R.T. 0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 59 Resp: 13311
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

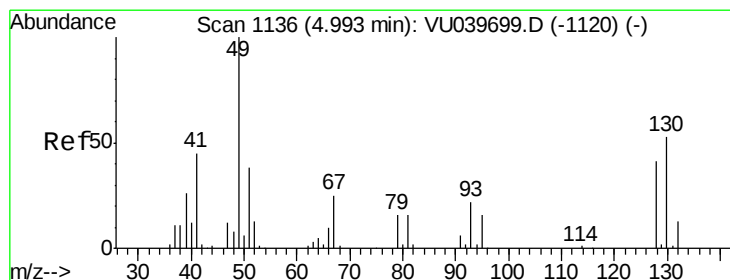
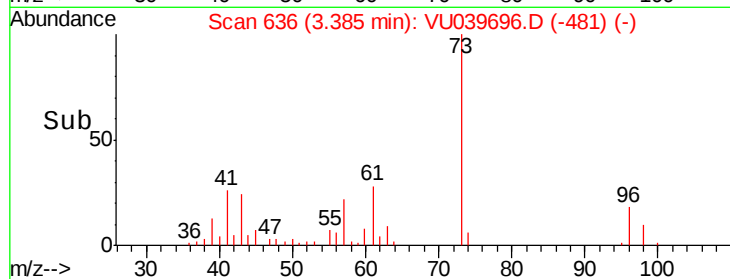
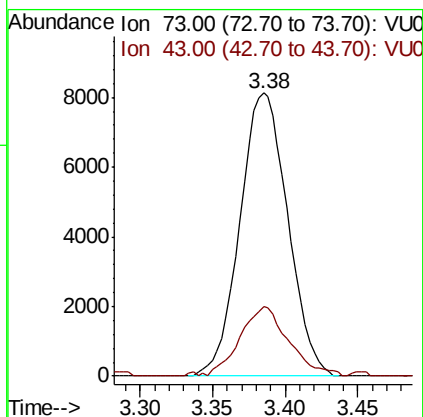
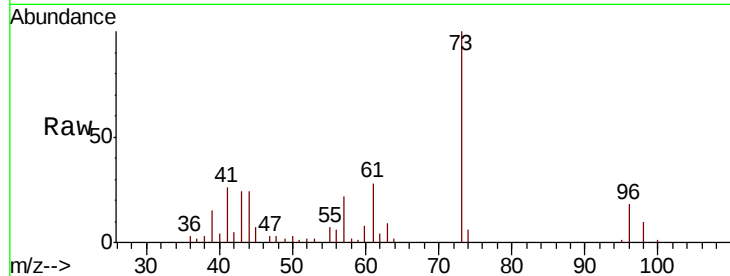




#25
Methvl tert-Butvl Ether
Concen: 1.210 ug/l
RT: 3.38 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

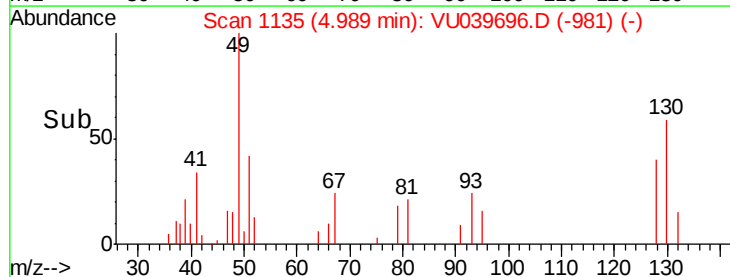
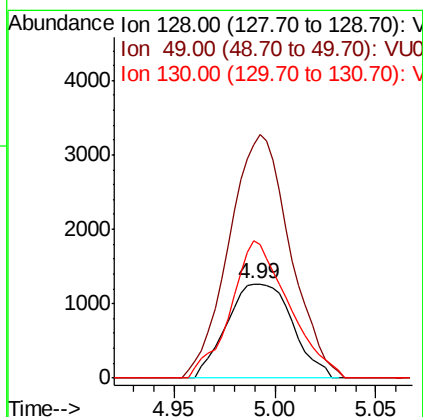
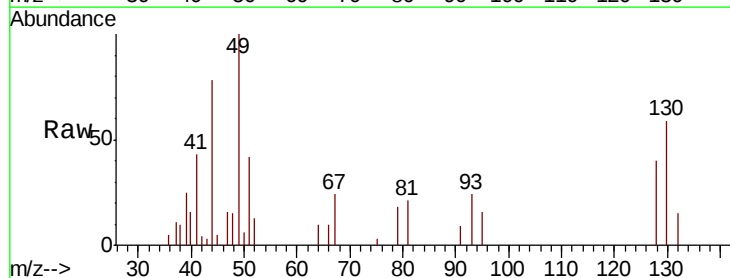
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

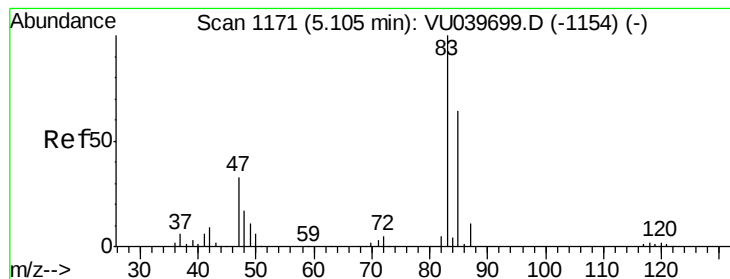
Tot Ion: 73 Resp: 18632
Ion Ratio Lower Upper
73 100
43 25.0 20.1 30.1



#26
Bromochloromethane
Concen: 1.122 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion:128 Resp: 2864
Ion Ratio Lower Upper
128 100
49 241.1 0.0 503.8
130 129.3 102.7 154.1





#27

Chloroform

Concen: 1.228 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

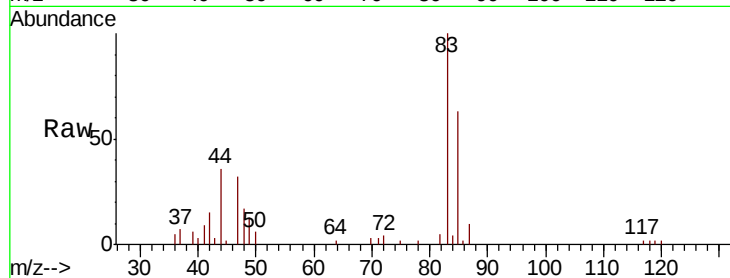
VSTDIC001

Tot Ion: 83 Resp: 13384

Ion Ratio Lower Upper

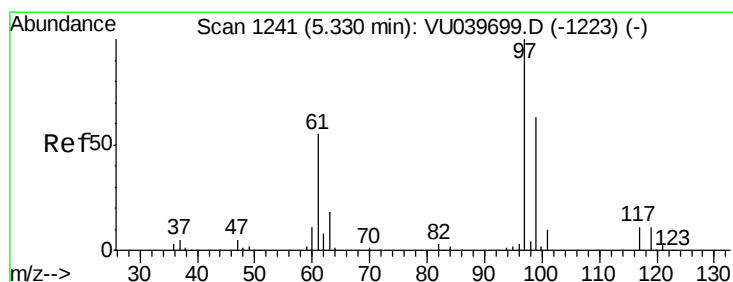
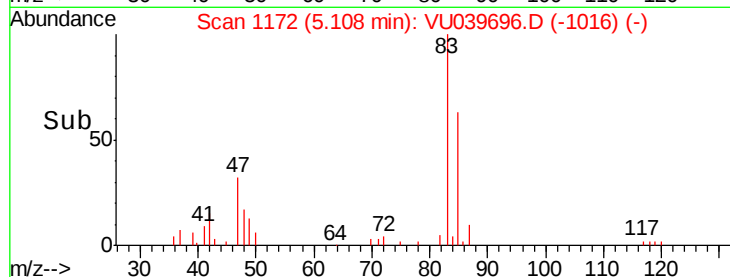
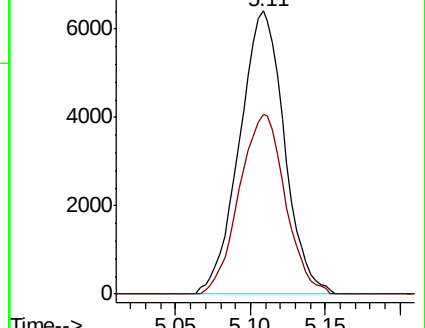
83 100

85 63.3 0.0 128.8



Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1154) (-)



#28

1,1,1-Trichloroethane

Concen: 1.164 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

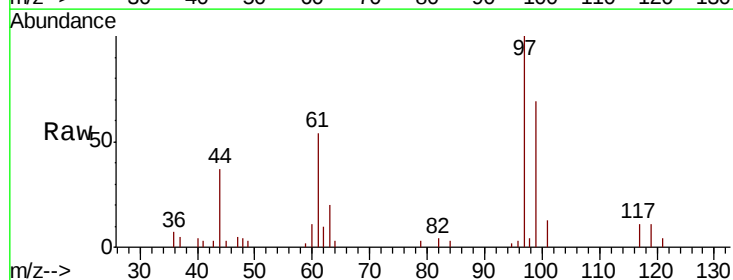
Tgt Ion: 97 Resp: 10403

Ion Ratio Lower Upper

97 100

99 68.5 32.2 96.6

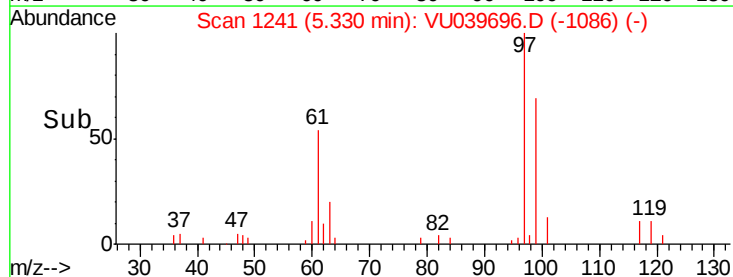
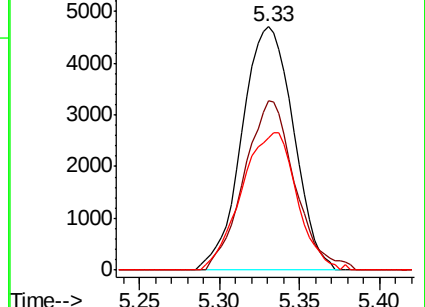
61 60.7 28.3 85.0

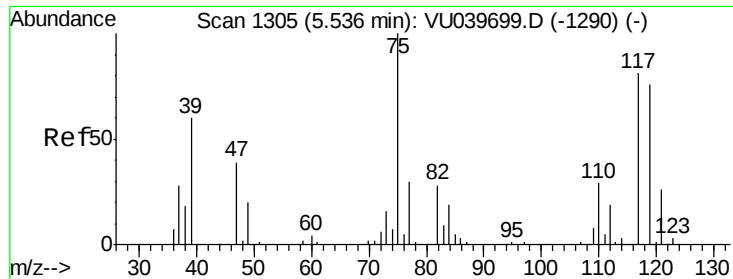


Abundance Ion 97.00 (96.70 to 97.70): VU039699.D (-1223) (-)

Ion 99.00 (98.70 to 99.70): VU039699.D (-1223) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-1223) (-)

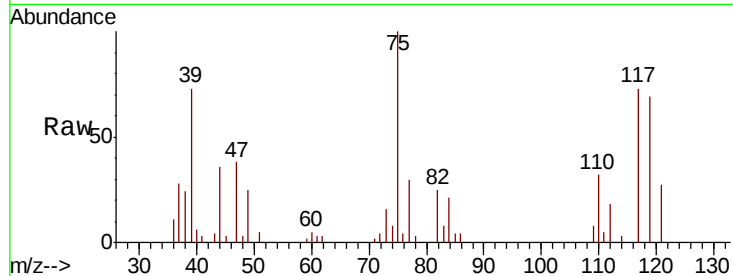




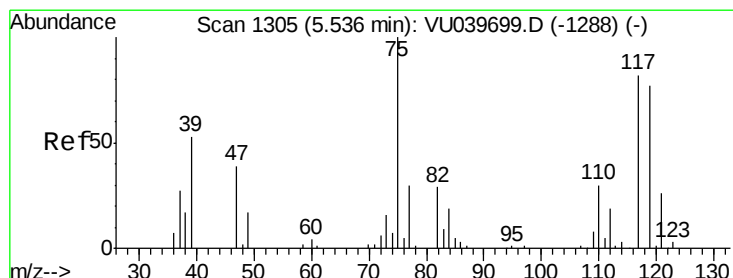
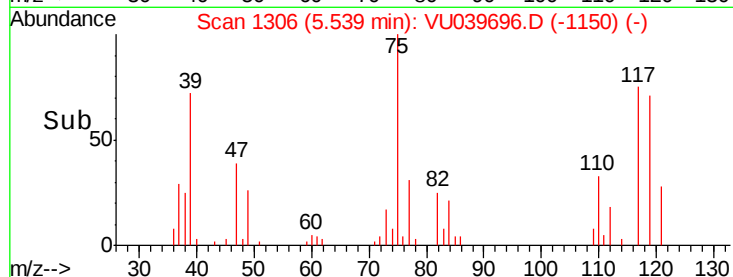
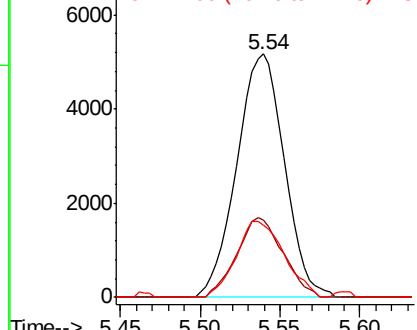
#29
1,1-Dichloropropene
Concen: 1.180 ug/l
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 10516
Ion Ratio Lower Upper
75 100
110 31.7 14.6 44.0
77 31.5 25.0 37.4

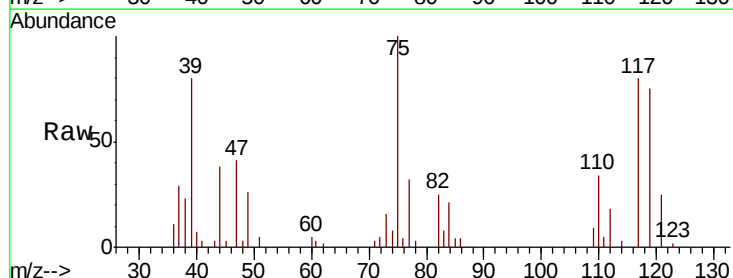


Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VU0

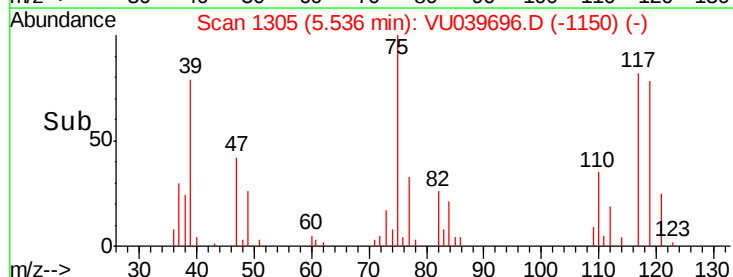
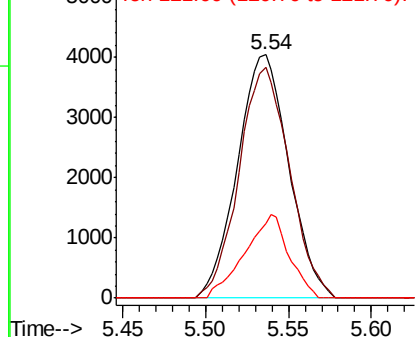


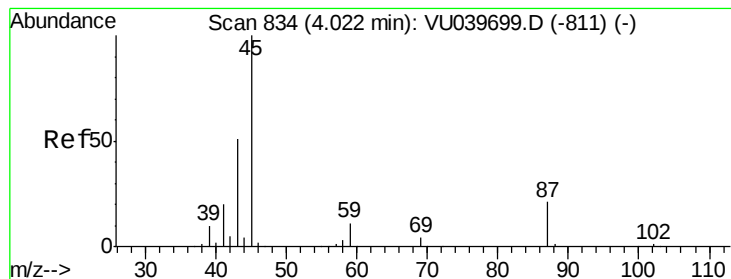
#30
Carbon Tetrachloride
Concen: 1.169 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 117 Resp: 8713
Ion Ratio Lower Upper
117 100
119 94.7 75.2 112.8
121 30.8 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 1.311 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

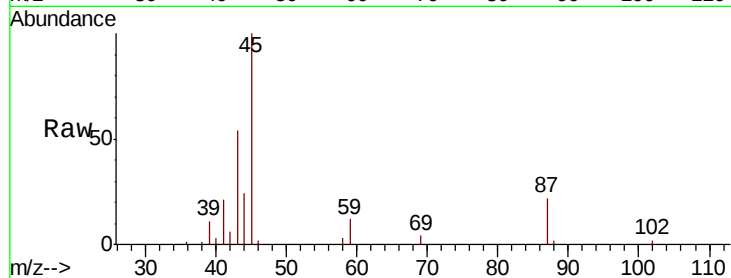
VSTDIC001

Tot Ion: 45 Resp: 25610

Ion Ratio Lower Upper

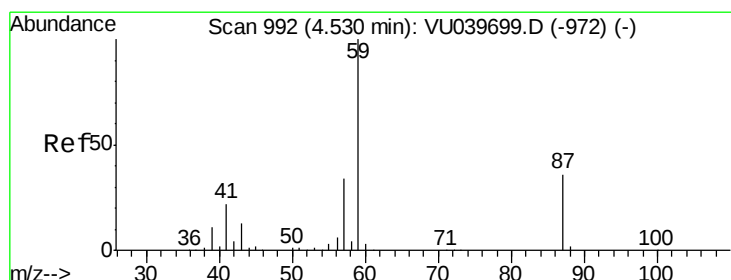
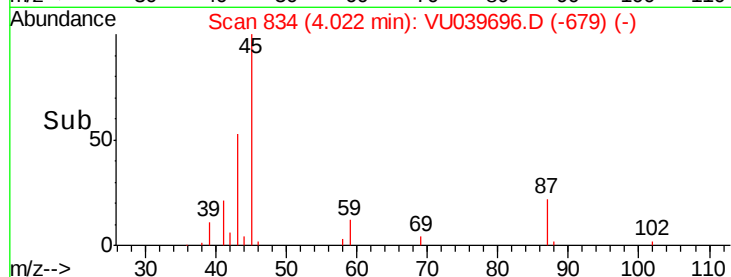
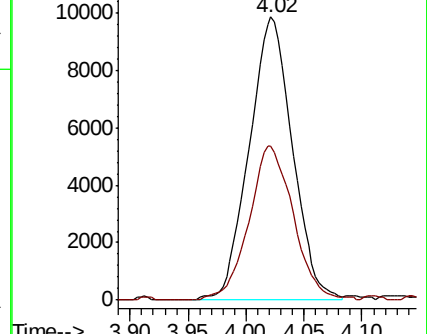
45 100

43 55.9 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) (-)



#32

Ethyl-t-butyl ether

Concen: 1.278 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039696.D

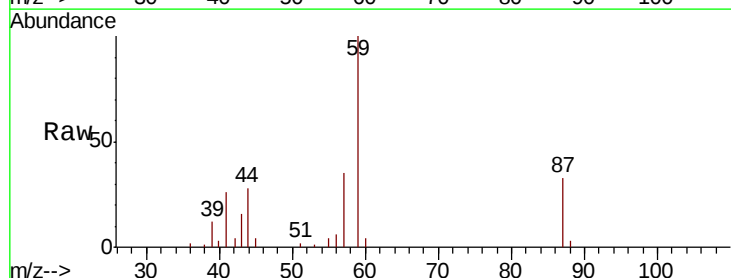
Acq: 29 Jul 2020 11:12

Tgt Ion: 59 Resp: 22254

Ion Ratio Lower Upper

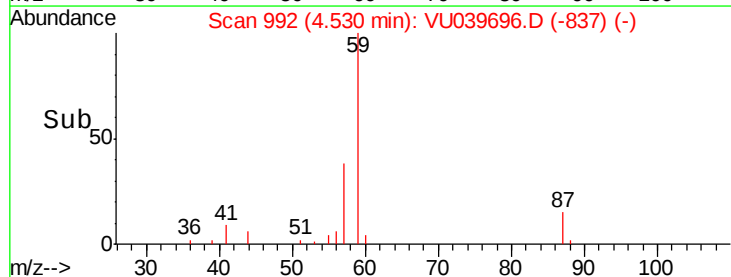
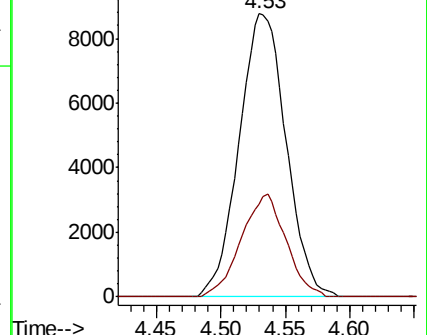
59 100

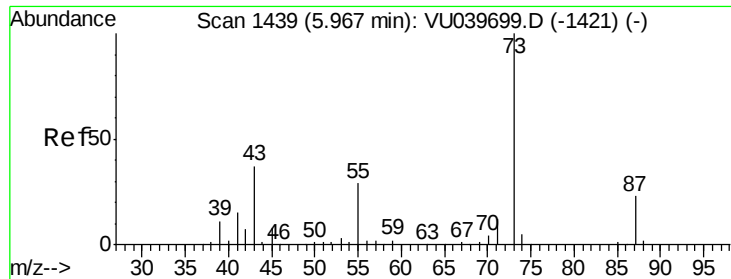
87 34.5 29.4 44.0



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

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

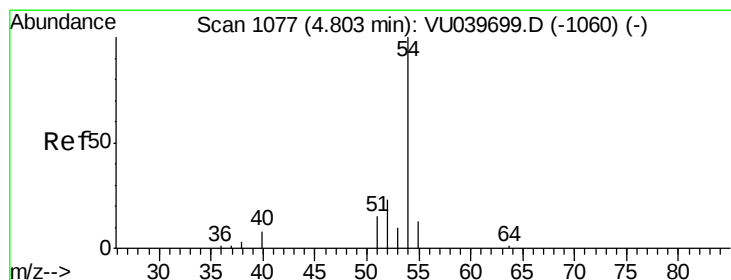
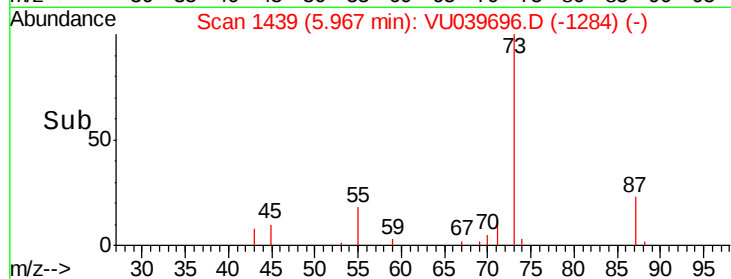
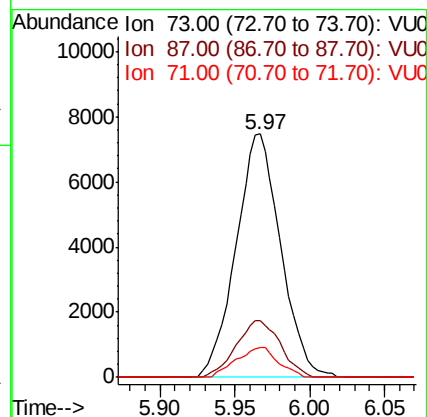
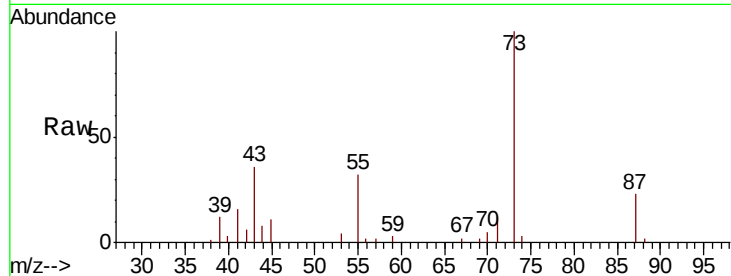




#33
Tert-Butyl methyl ether
Concen: 1.062 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

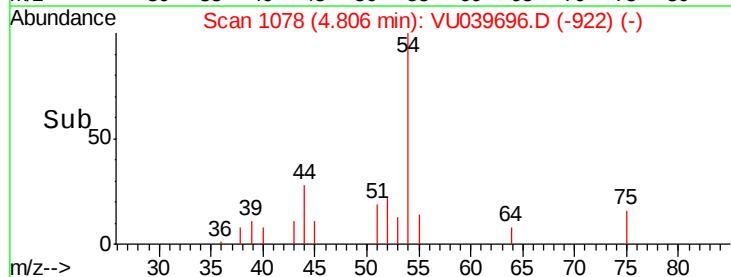
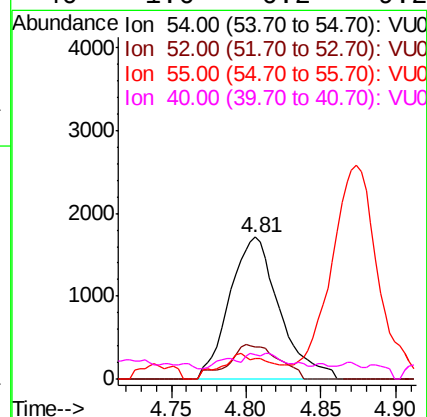
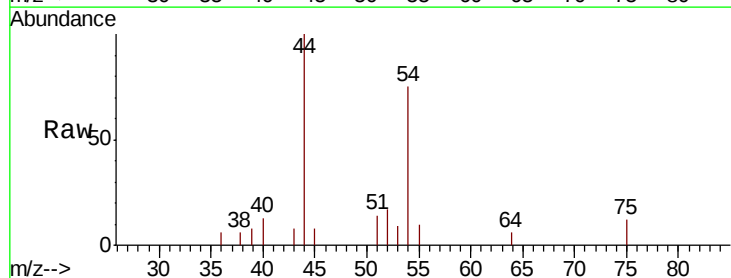
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

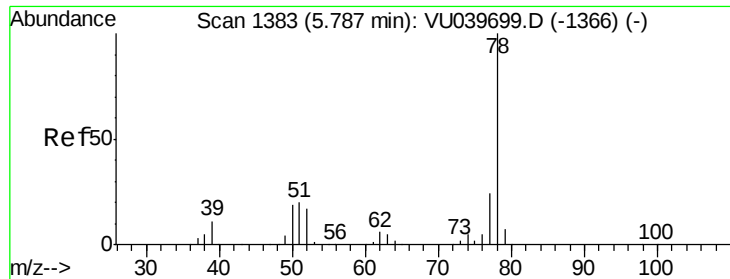
Tot Ion: 73 Resp: 15481
Ion Ratio Lower Upper
73 100
87 23.0 18.7 28.1
71 11.5 9.1 13.7



#34
Propionitrile
Concen: 7.216 ug/l
RT: 4.81 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 54 Resp: 3961
Ion Ratio Lower Upper
54 100
52 24.2 16.9 25.3
55 17.3 12.9 19.3
40 1.6 6.2 9.2#





#35

Benzene

Concen: 1.013 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

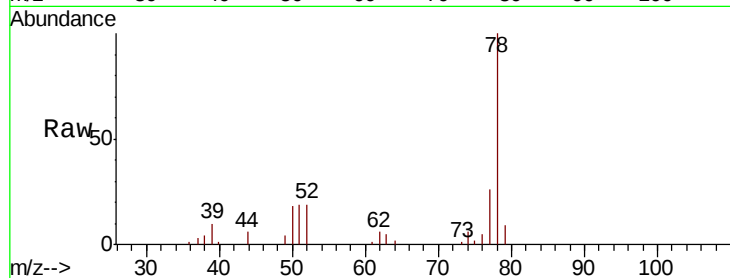
VSTDIC001

Tot Ion: 78 Resp: 24787

Ion Ratio Lower Upper

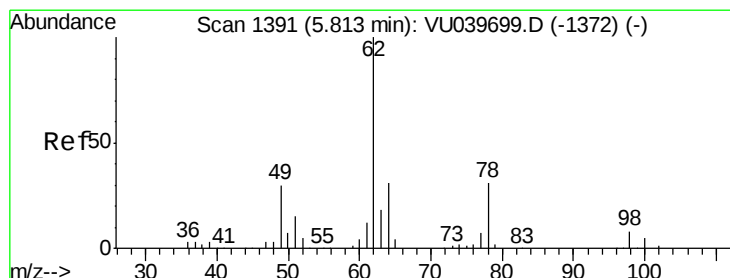
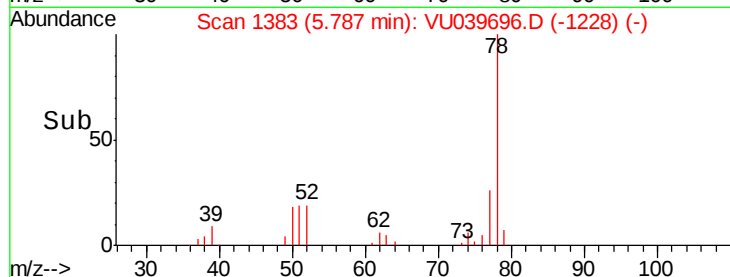
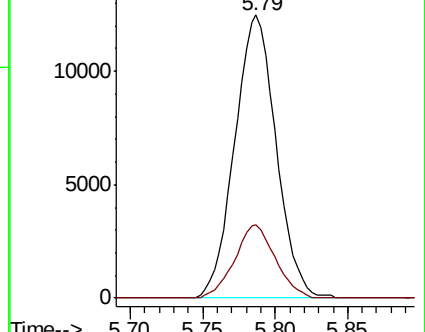
78 100

77 26.1 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)



#36

1,2-Dichloroethane

Concen: 1.268 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU039696.D

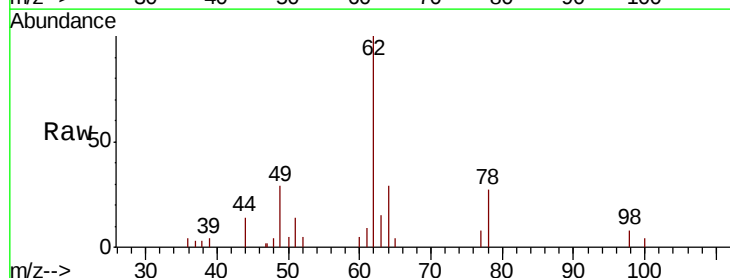
Acq: 29 Jul 2020 11:12

Tgt Ion: 62 Resp: 9599

Ion Ratio Lower Upper

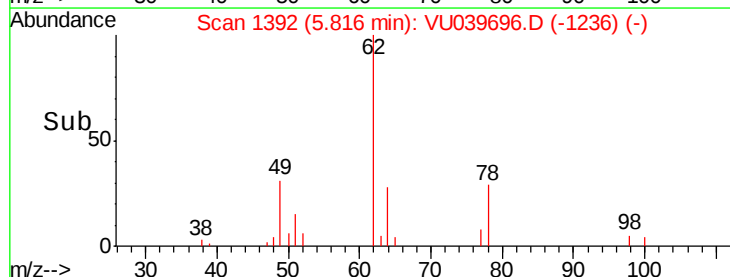
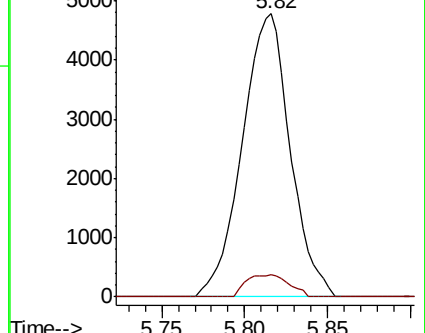
62 100

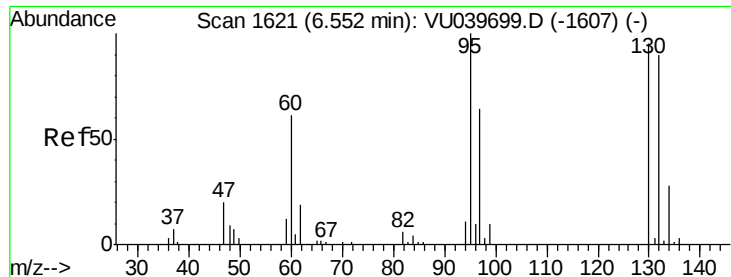
98 7.0 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)

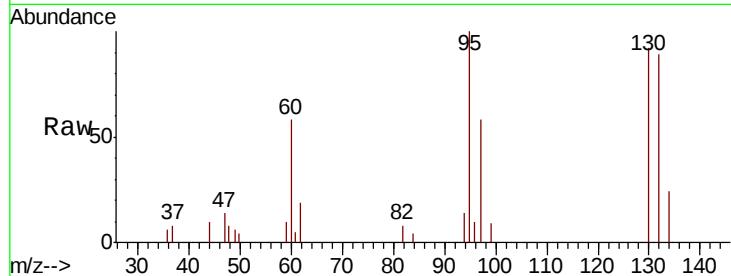




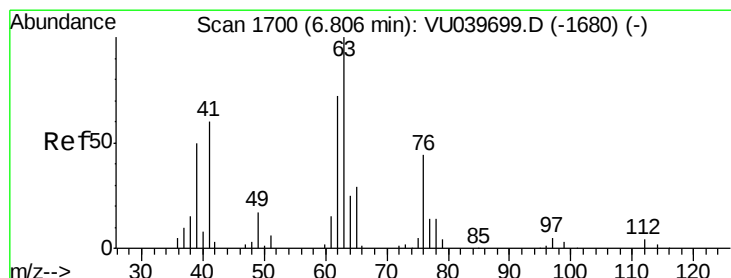
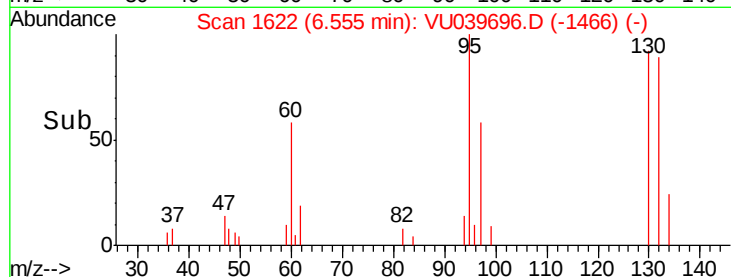
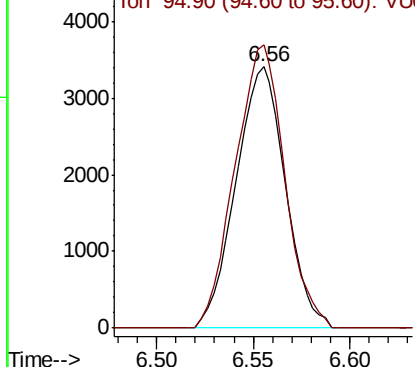
#37
 Trichloroethene
 Concen: 0.956 ug/l
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 6054
 Ion Ratio Lower Upper
 130 100
 95 108.3 84.3 126.5

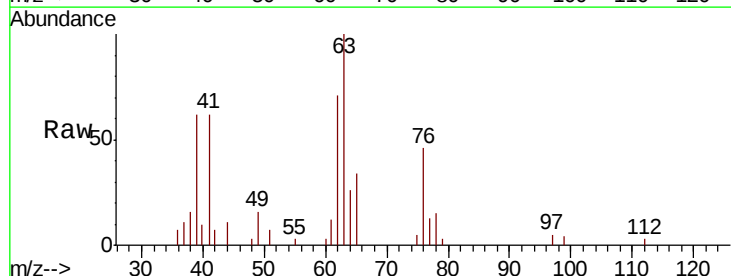


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

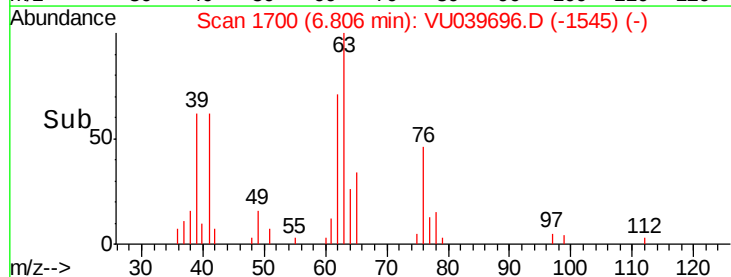
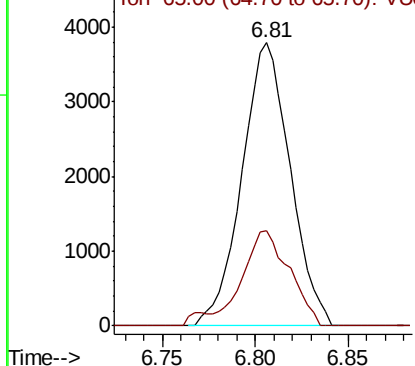


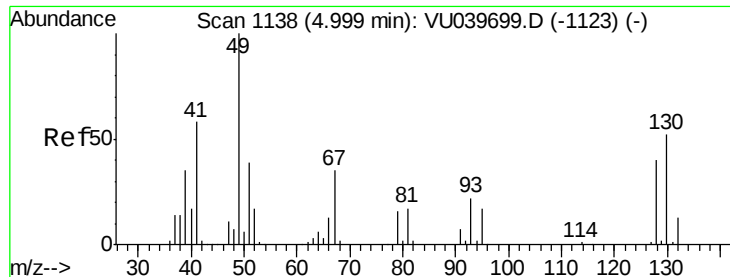
#38
 1,2-Dichloropropane
 Concen: 1.028 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion: 63 Resp: 6863
 Ion Ratio Lower Upper
 63 100
 65 33.7 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

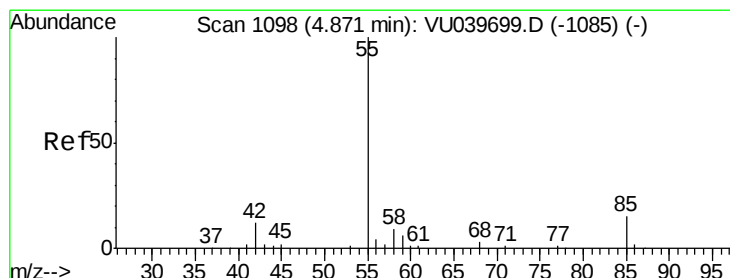
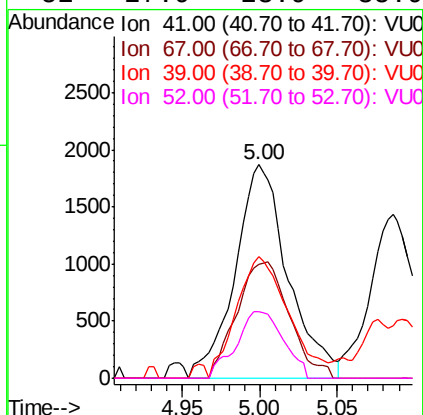
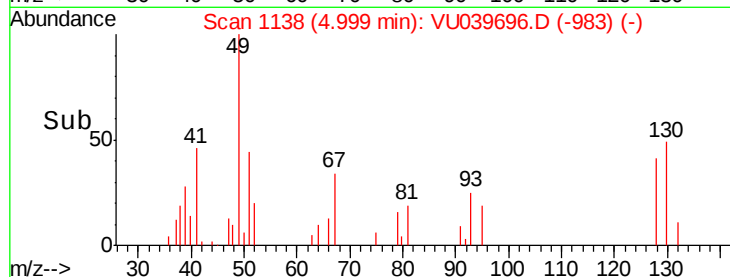
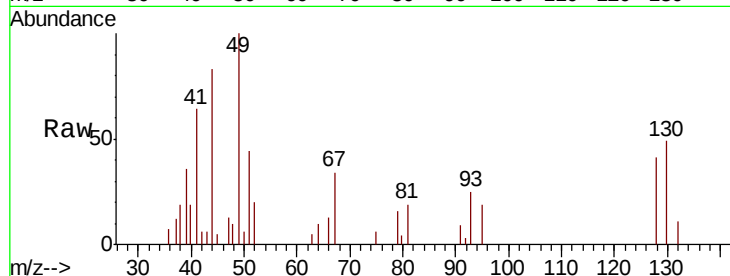




#39
Methacrylonitrile
Concen: 1.717 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

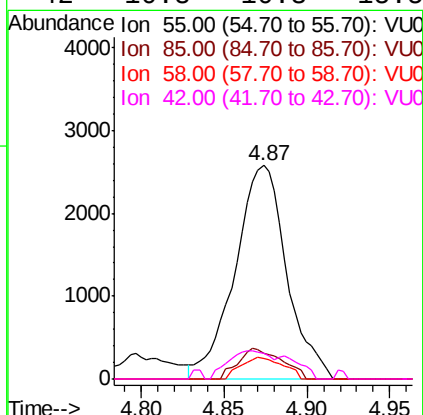
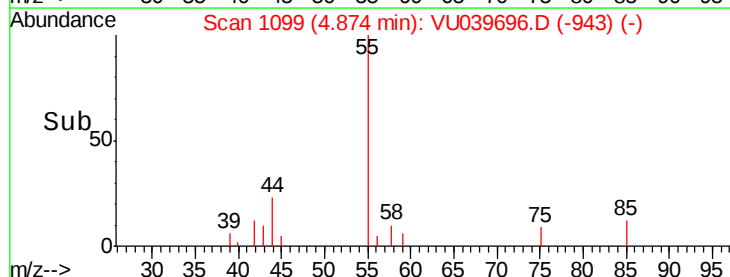
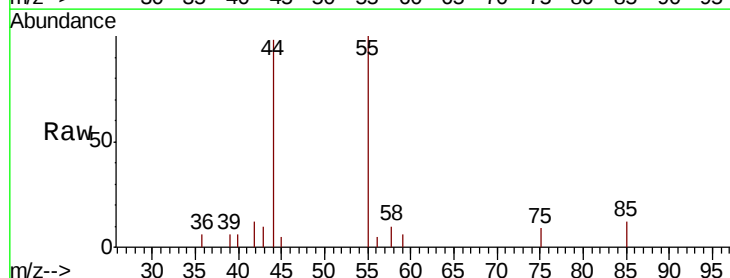
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

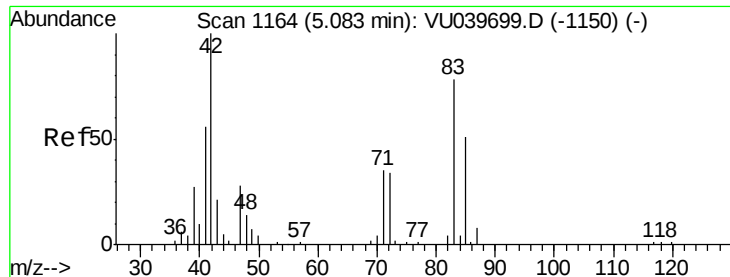
Tot Ion:	41	Resp:	4449
Ion	Ratio	Lower	Upper
41	100		
67	54.0	48.3	72.5
39	55.9	47.6	71.4
52	27.9	23.9	35.9



#40
Methyl acrylate
Concen: 1.486 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion:	55	Resp:	5592
Ion	Ratio	Lower	Upper
55	100		
85	12.0	11.4	17.0
58	8.2	7.4	11.0
42	10.8	10.3	15.5





#41

Tetrahydrofuran

Concen: 3.744 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

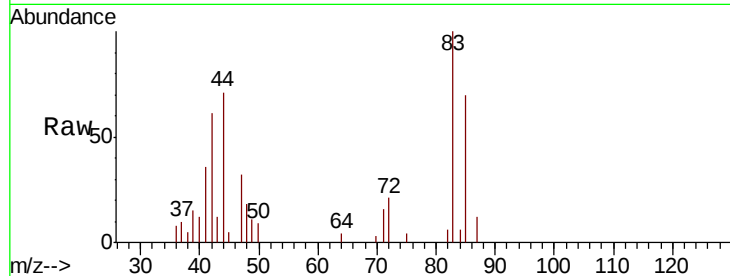
Tot Ion: 42 Resp: 4877

Ion Ratio Lower Upper

42 100

72 32.3 31.0 46.6

71 28.1 28.2 42.4#

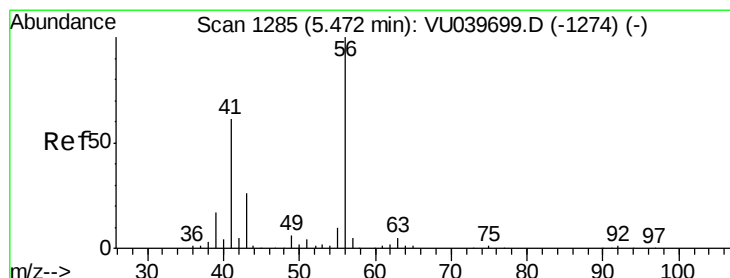
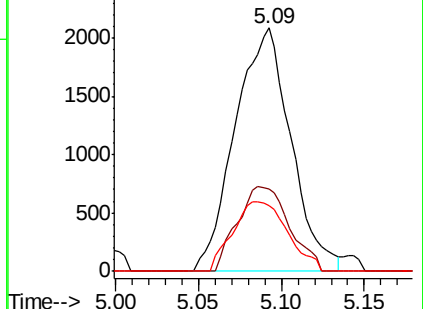
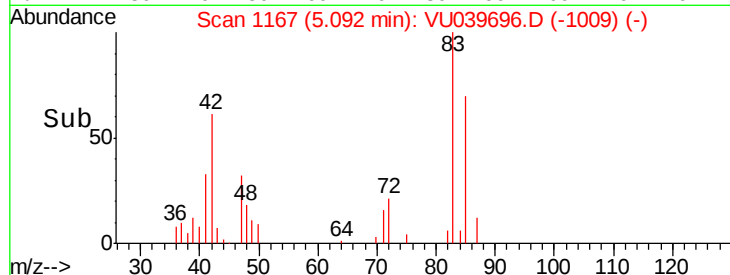


Abundance Ion 42.00 (41.70 to 42.70): VU039696.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039696.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039696.D (-1150) (-)

Time--> 5.00 5.05 5.10 5.15



#42

1-Chlorobutane

Concen: 1.237 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039696.D

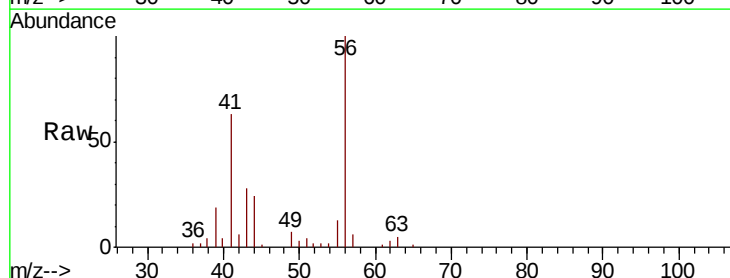
Acq: 29 Jul 2020 11:12

Tgt Ion: 56 Resp: 16174

Ion Ratio Lower Upper

56 100

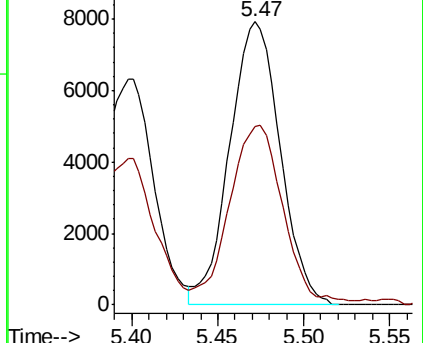
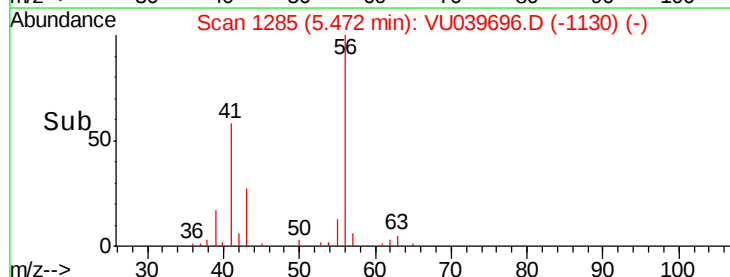
41 64.6 30.5 91.5

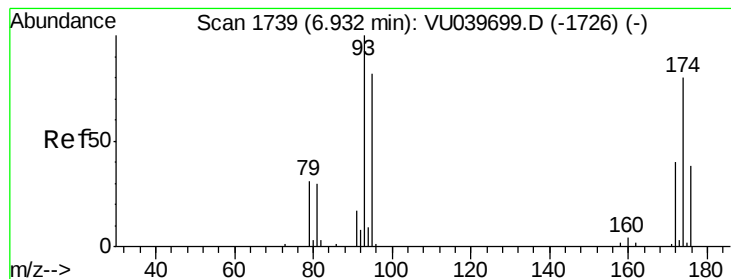


Abundance Ion 56.00 (55.70 to 56.70): VU039696.D (-1130) (-)

Ion 41.00 (40.70 to 41.70): VU039696.D (-1130) (-)

Time--> 5.40 5.45 5.50 5.55





#43

Dibromomethane

Concen: 1.294 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

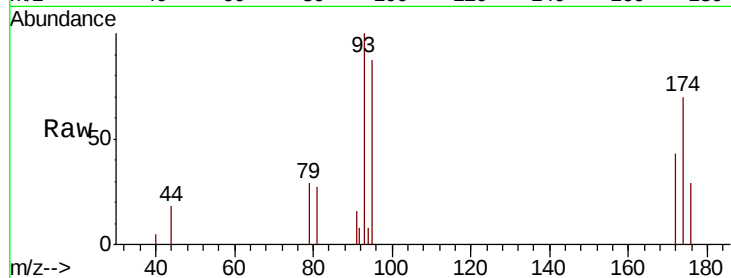
Tot Ion: 93 Resp: 4102

Ion Ratio Lower Upper

93 100

95 78.4 66.6 99.8

174 65.7 62.7 94.1

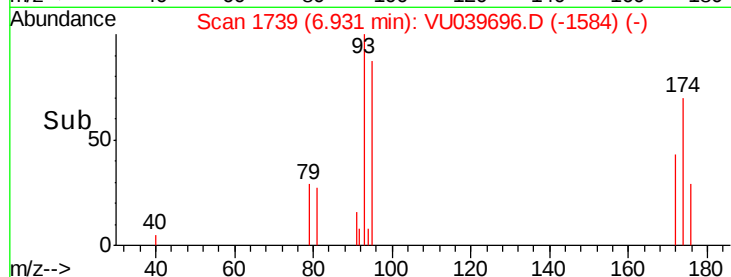


Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1726) (-)

Ion 174.00 (173.70 to 174.70): VU039699.D (-1726) (-)

Time-->

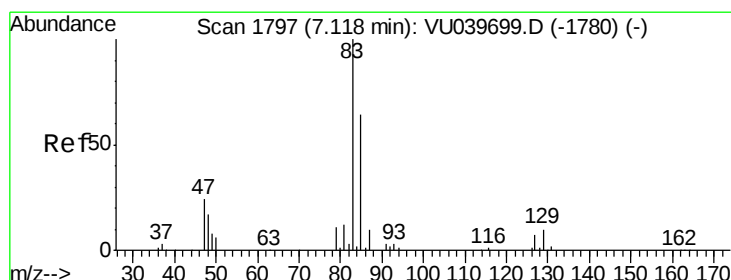


Abundance Ion 93.00 (92.70 to 93.70): VU039696.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039696.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039696.D (-1584) (-)

Time-->



#44

Bromodichloromethane

Concen: 1.101 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

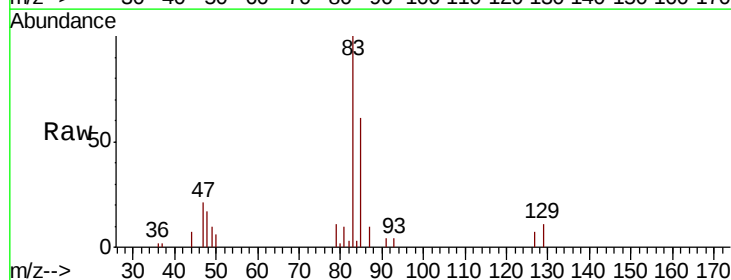
Tgt Ion: 83 Resp: 8676

Ion Ratio Lower Upper

83 100

85 61.5 50.8 76.2

127 7.5 5.8 8.6

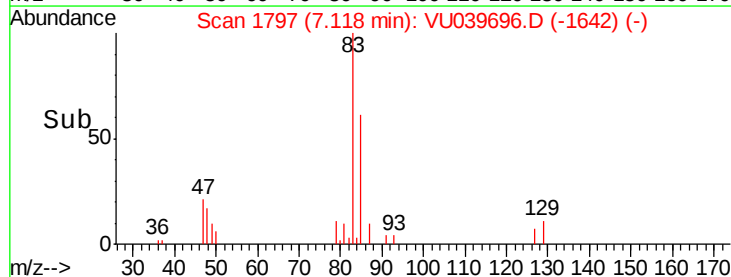


Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1780) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-1780) (-)

Time-->

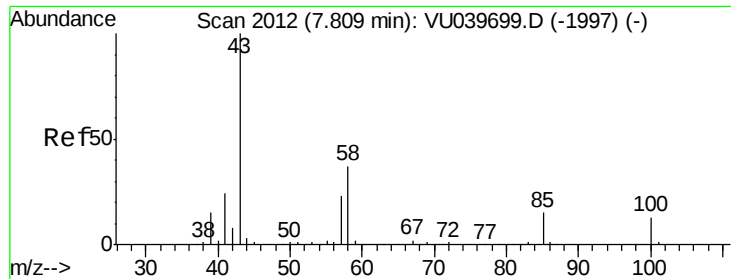


Abundance Ion 83.00 (82.70 to 83.70): VU039696.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039696.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039696.D (-1642) (-)

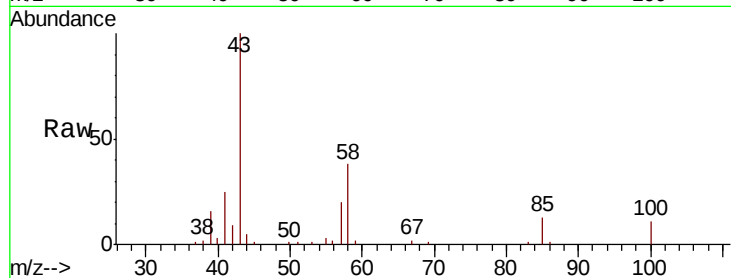
Time-->



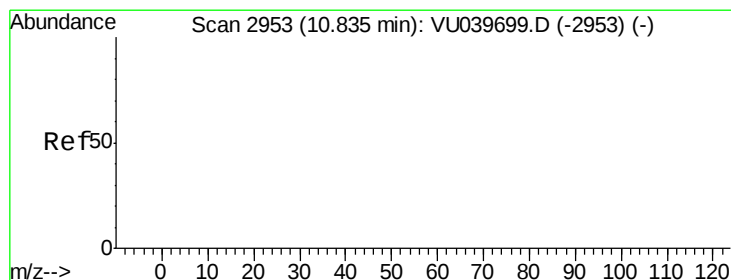
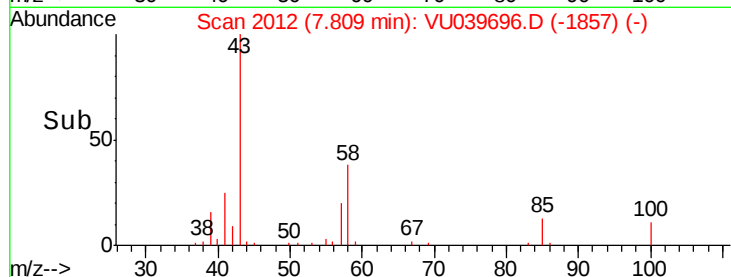
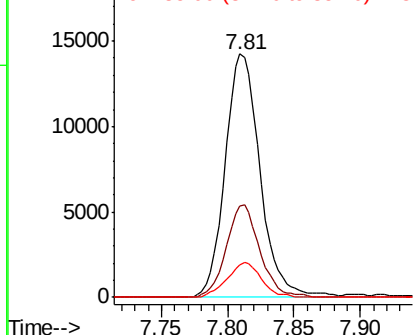
#45
4-Methyl-2-Pentanone
Concen: 5.844 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 26072
Ion Ratio Lower Upper
43 100
58 36.4 18.4 55.0
85 13.9 11.8 17.6

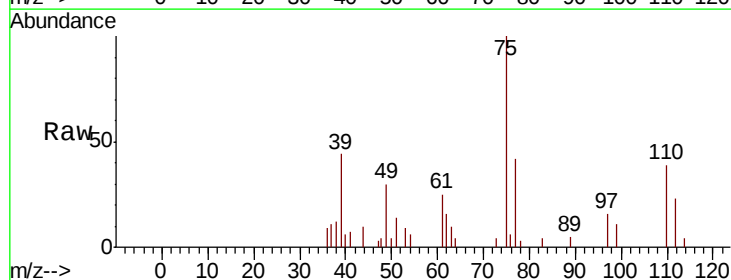


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

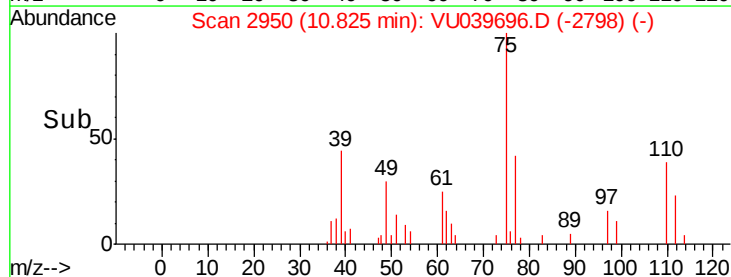
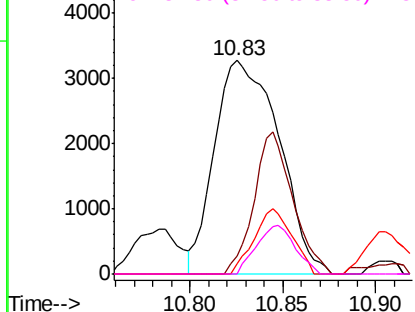


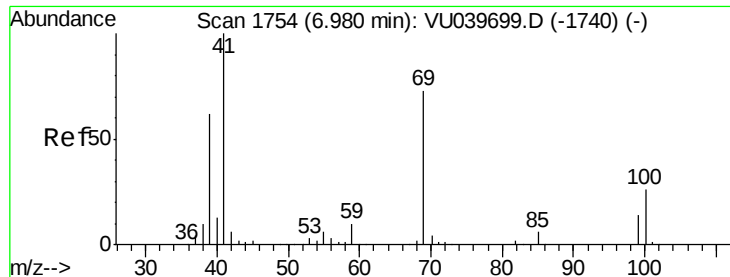
#46
t-1,4-Dichloro-2-butene
Concen: 5.800 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 75 Resp: 7908
Ion Ratio Lower Upper
75 100
53 39.7 78.6 118.0#
89 17.9 40.3 60.5#
88 13.6 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

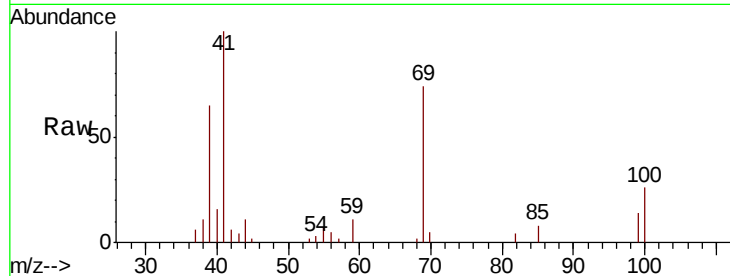




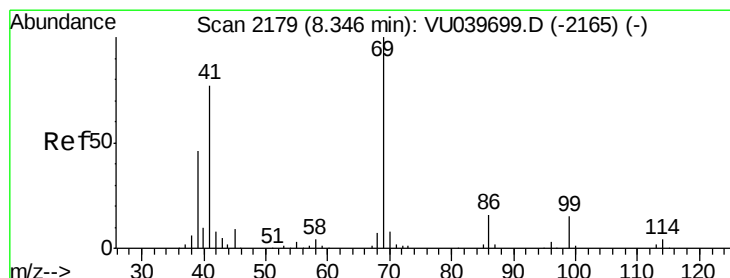
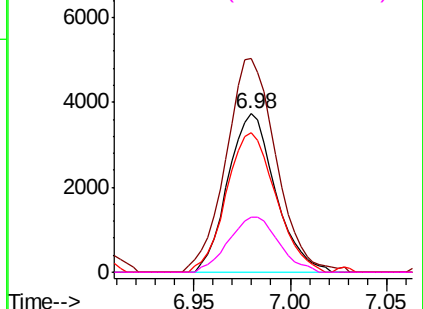
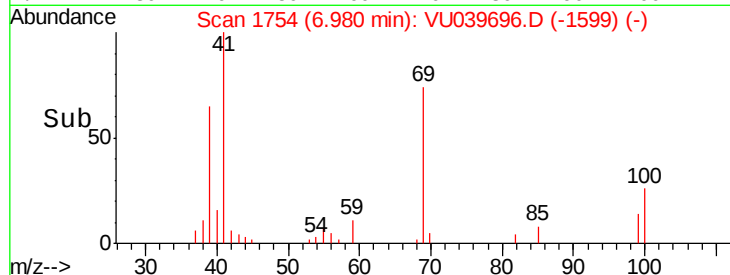
#47
Methyl methacrylate
Concen: 1.985 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 69 Resp: 6373
Ion Ratio Lower Upper
69 100
41 142.8 0.0 271.6
39 91.8 67.4 101.2
100 36.7 28.3 42.5

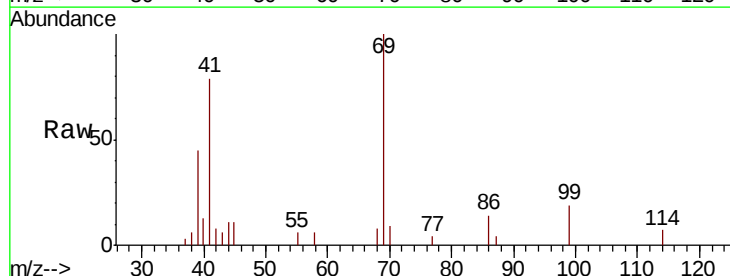


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

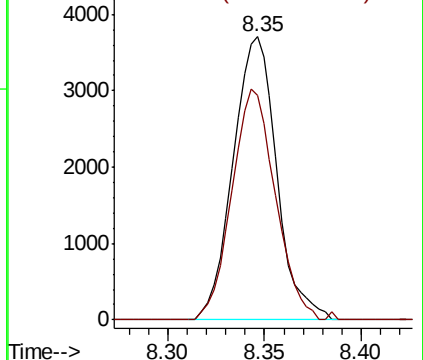
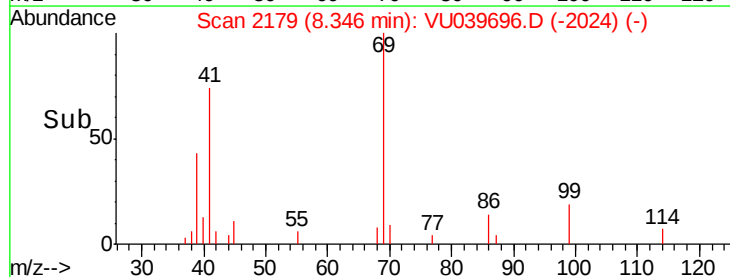


#48
Ethyl methacrylate
Concen: 0.985 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion: 69 Resp: 5824
Ion Ratio Lower Upper
69 100
41 81.1 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 0.907 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

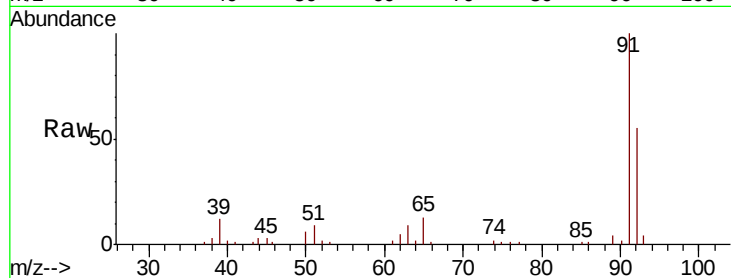
VSTDIC001

Tot Ion: 92 Resp: 14010

Ion Ratio Lower Upper

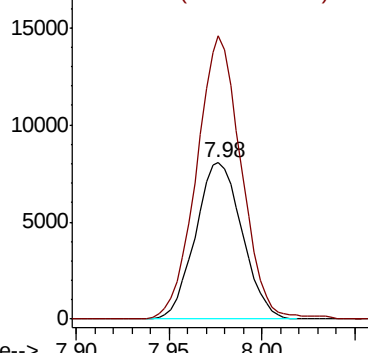
92 100

91 174.1 136.1 204.1

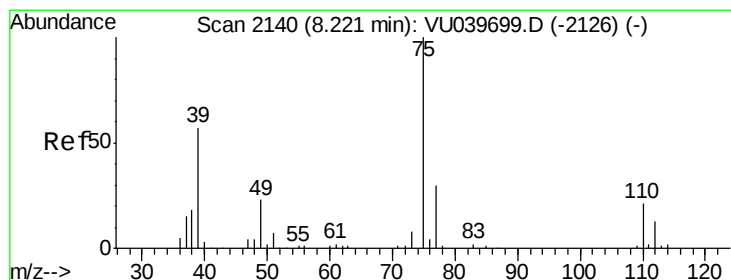
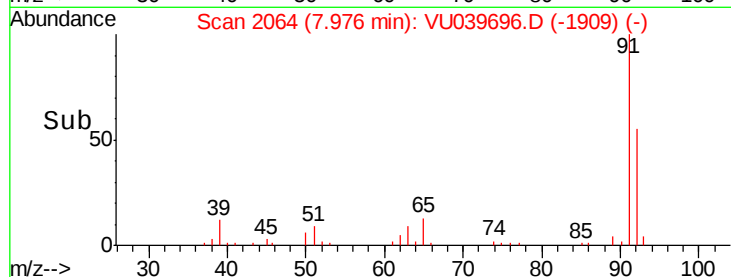


Abundance Ion 92.00 (91.70 to 92.70): VU039699.D

Ion 91.00 (90.70 to 91.70): VU039699.D



Time-->



#50

t-1,3-Dichloropropene

Concen: 0.863 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039696.D

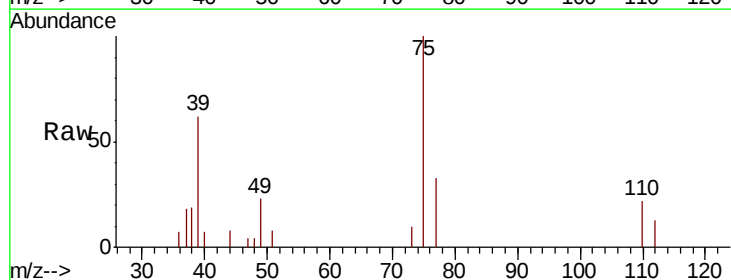
Acq: 29 Jul 2020 11:12

Tgt Ion: 75 Resp: 6852

Ion Ratio Lower Upper

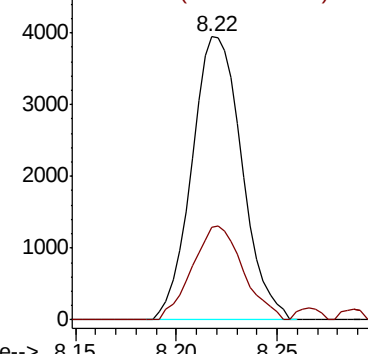
75 100

77 32.7 24.3 36.5

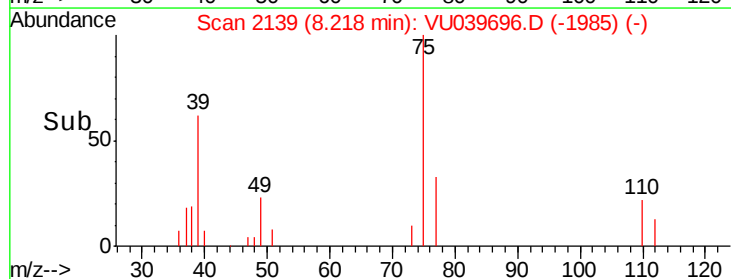


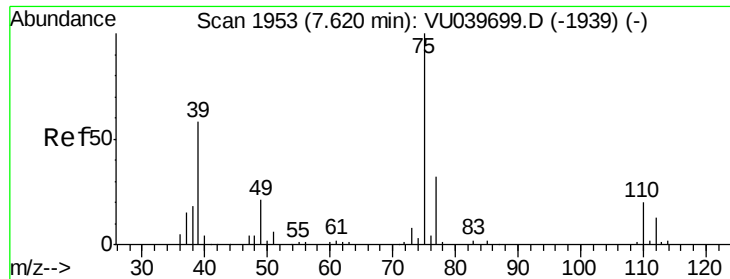
Abundance Ion 75.00 (74.70 to 75.70): VU039699.D

Ion 77.00 (76.70 to 77.70): VU039699.D



Time-->



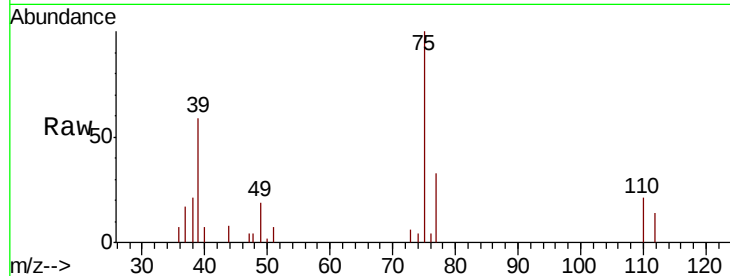


#51

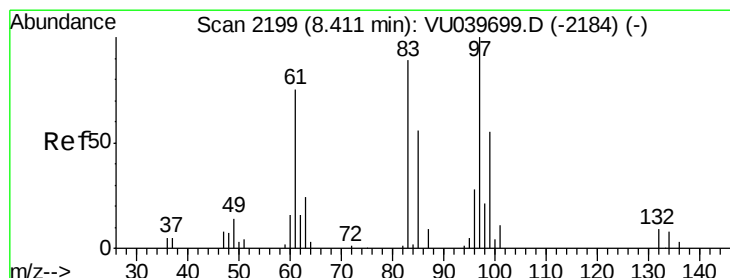
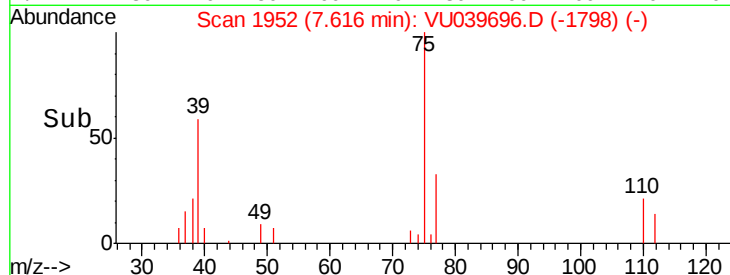
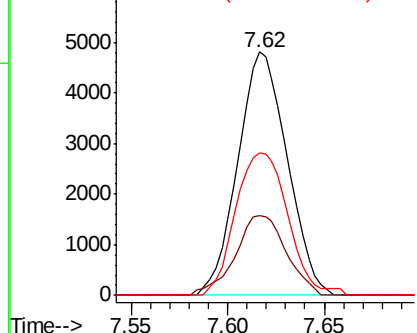
cis-1,3-Dichloropropene
 Concen: 0.905 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 8537
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5
 39 58.5 46.1 69.1



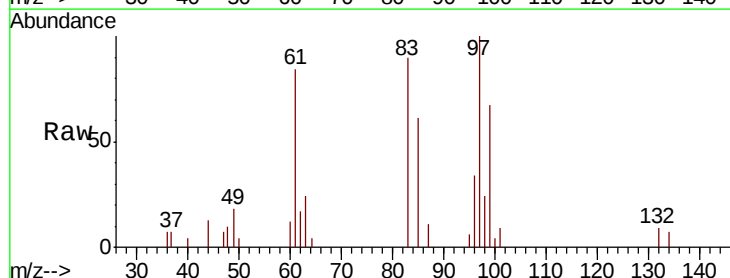
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



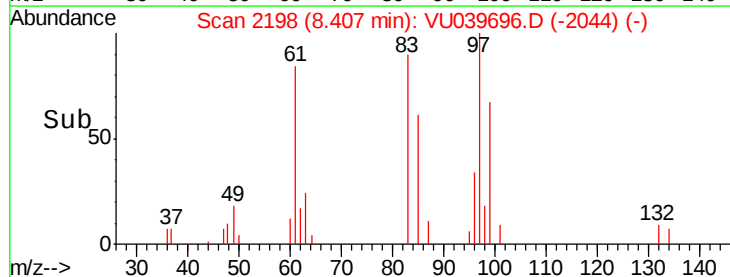
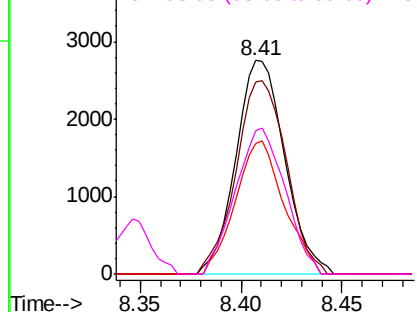
#52

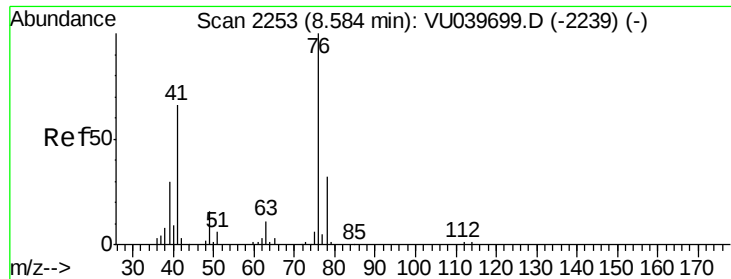
1,1,2-Trichloroethane
 Concen: 1.057 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion: 97 Resp: 4685
 Ion Ratio Lower Upper
 97 100
 83 90.0 71.3 106.9
 85 61.2 45.4 68.2
 99 66.9 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

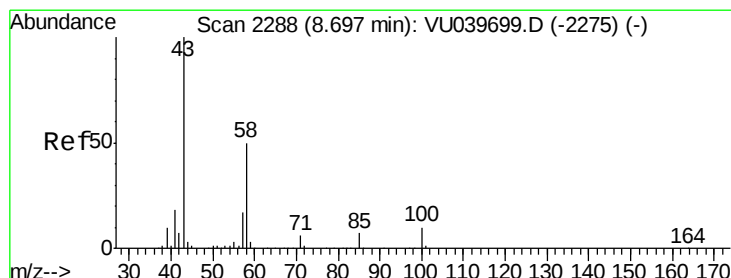
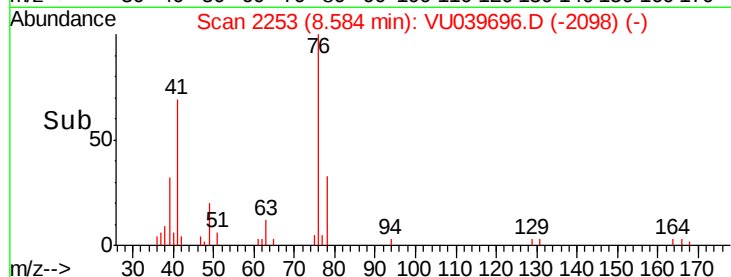
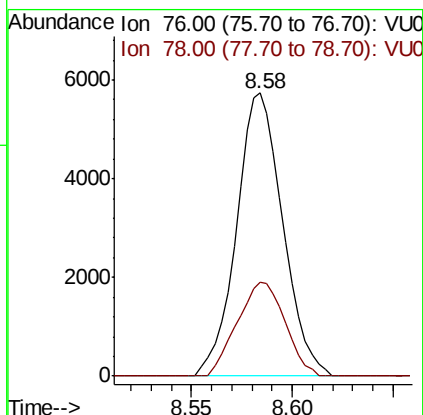
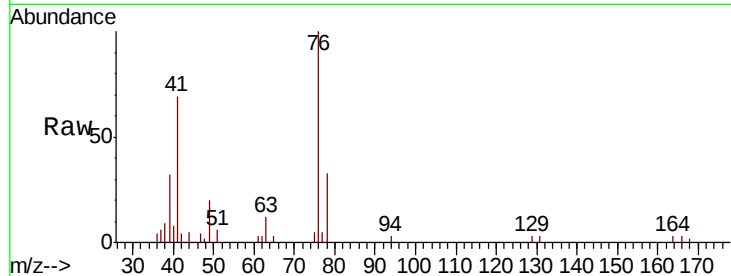




#53
 1,3-Dichloropropane
 Concen: 1.103 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

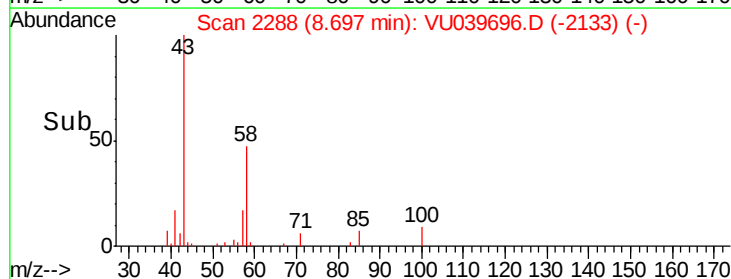
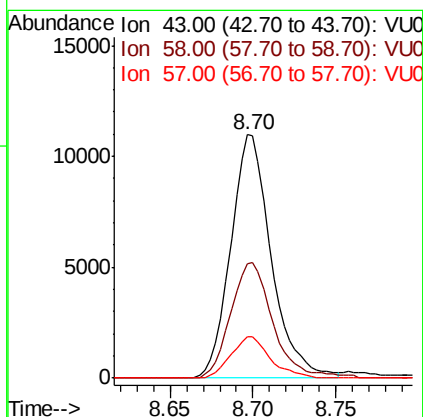
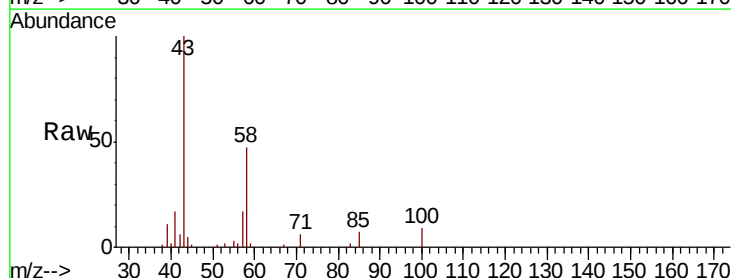
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

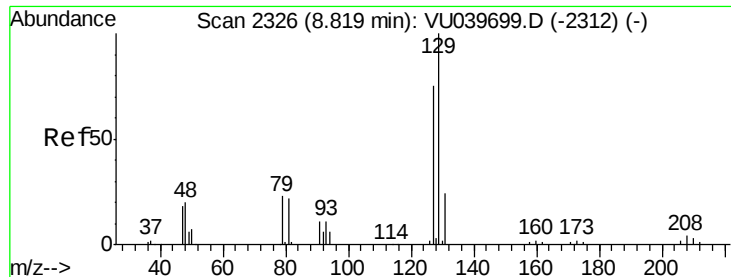
Tot Ion: 76 Resp: 9194
 Ion Ratio Lower Upper
 76 100
 78 34.2 25.4 38.2



#54
 2-Hexanone
 Concen: 5.914 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion: 43 Resp: 18712
 Ion Ratio Lower Upper
 43 100
 58 49.1 29.9 69.9
 57 16.4 0.0 37.2





#55

Dibromochloromethane

Concen: 1.055 ug/l

RT: 8.82 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

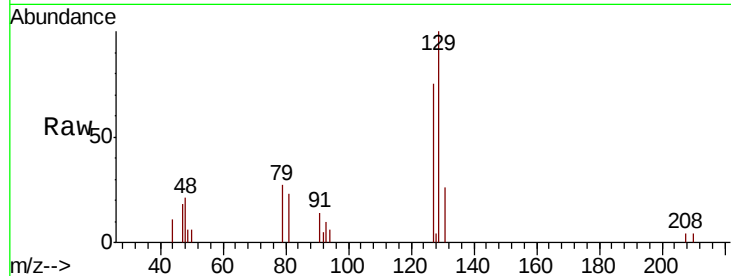
VSTDIC001

Tot Ion:129 Resp: 5176

Ion Ratio Lower Upper

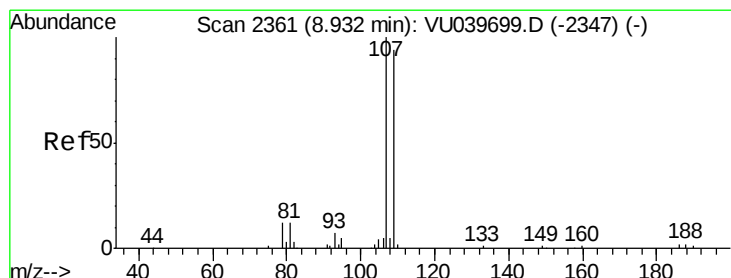
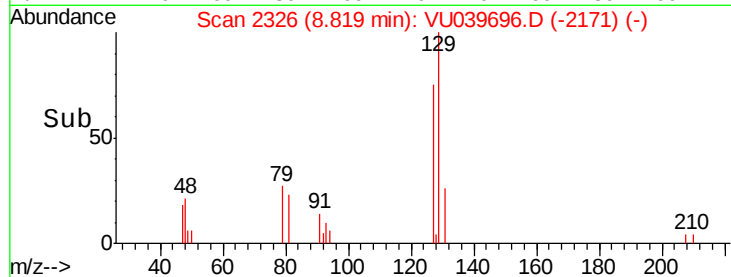
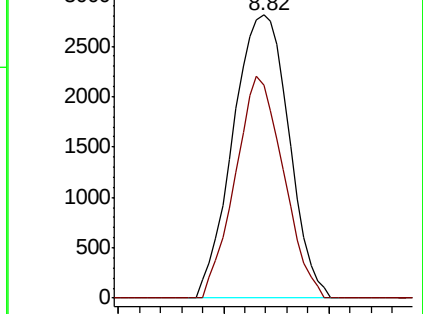
129 100

127 67.7 62.4 93.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.063 ug/l

RT: 8.93 min Scan# 2361

Delta R.T. -0.00 min

Lab File: VU039696.D

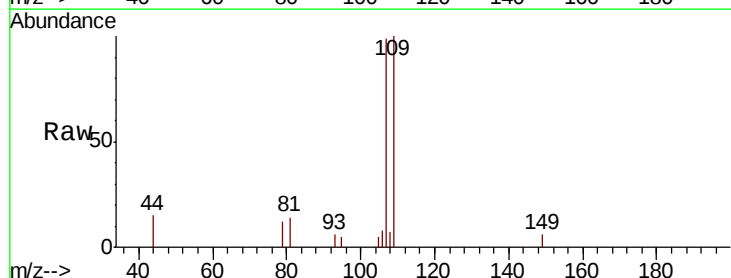
Acq: 29 Jul 2020 11:12

Tgt Ion:107 Resp: 4479

Ion Ratio Lower Upper

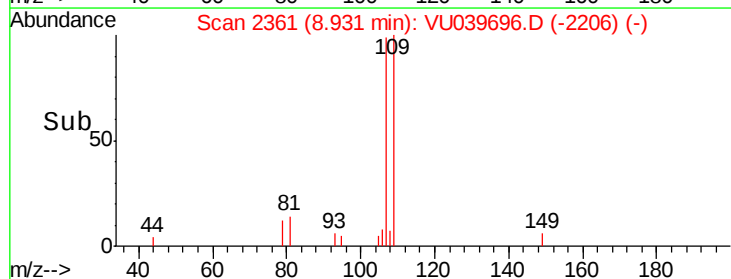
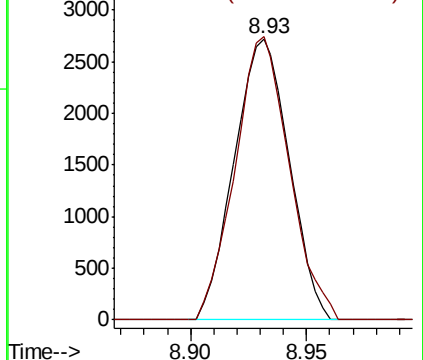
107 100

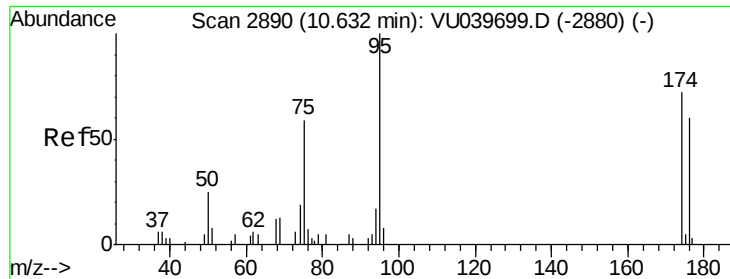
109 99.5 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

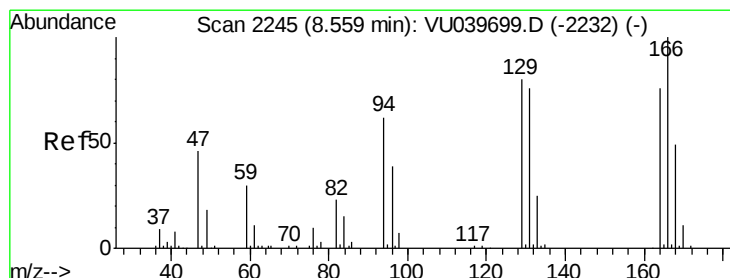
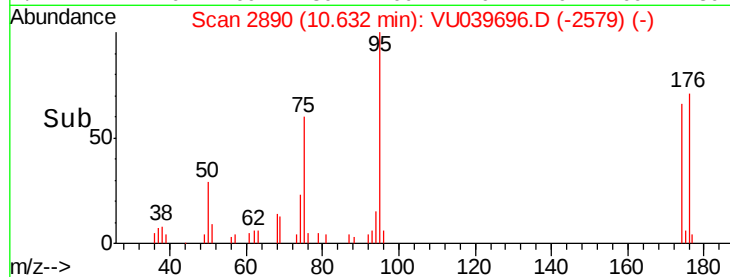
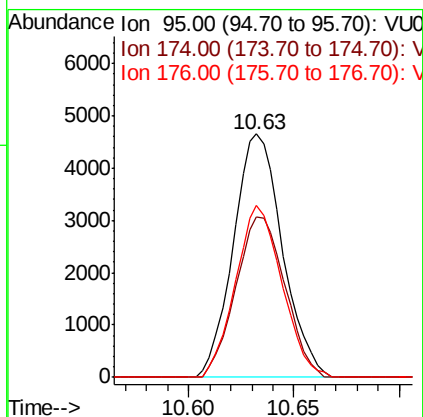
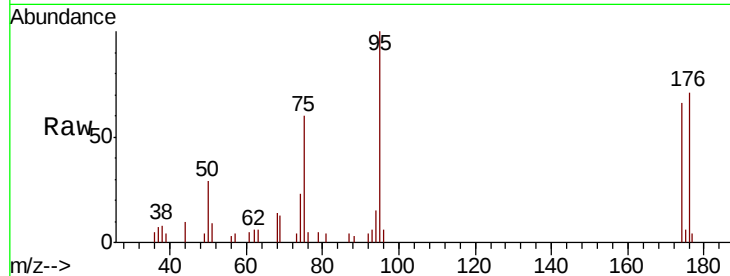




#57
 4-Bromofluorobenzene
 Concen: 0.934 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

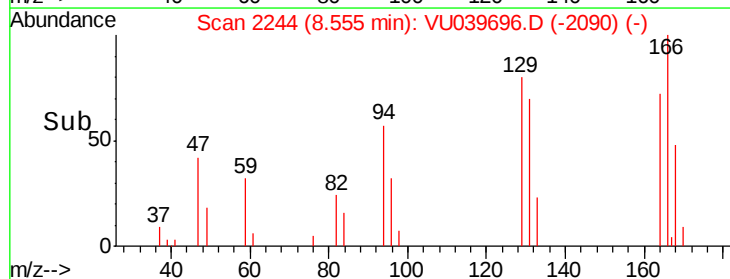
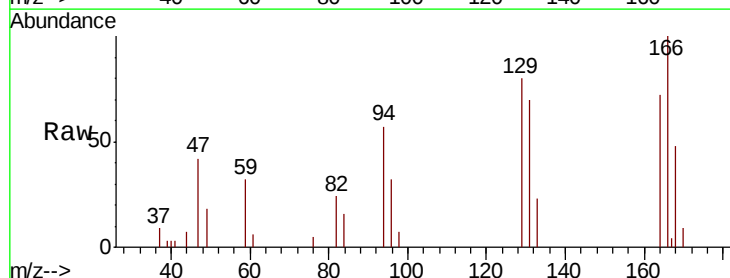
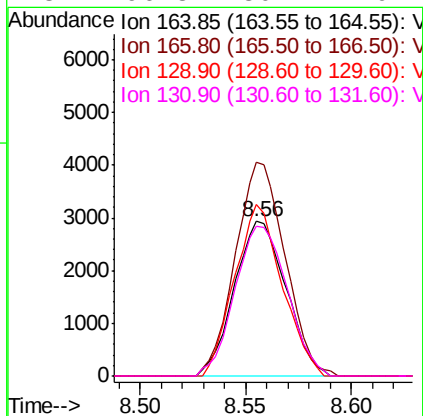
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion: 95 Resp: 7507
 Ion Ratio Lower Upper
 95 100
 174 66.1 57.0 85.4
 176 66.9 50.2 75.2



#58
 Tetrachloroethene
 Concen: 0.860 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion: 164 Resp: 4994
 Ion Ratio Lower Upper
 164 100
 166 138.3 104.8 157.2
 129 110.7 84.1 126.1
 131 96.8 80.1 120.1





#59

Chlorobenzene

Concen: 0.900 ug/l

RT: 9.45 min Scan# 2523

Delta R.T. 0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

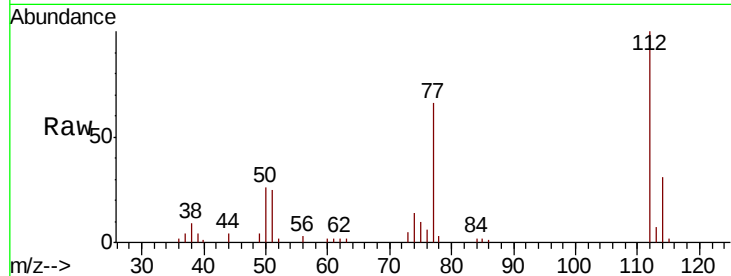
VSTDIC001

Tot Ion:112 Resp: 14700

Ion Ratio Lower Upper

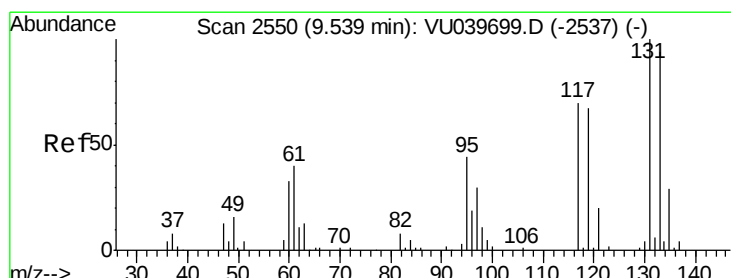
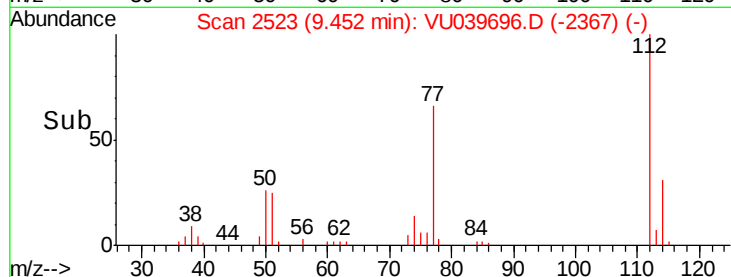
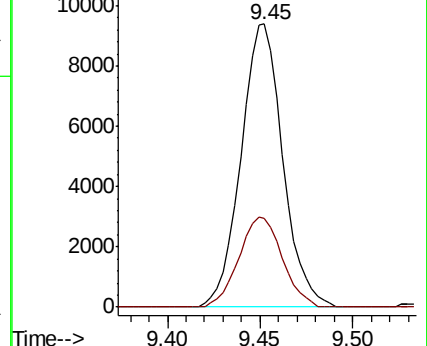
112 100

114 31.4 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.005 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

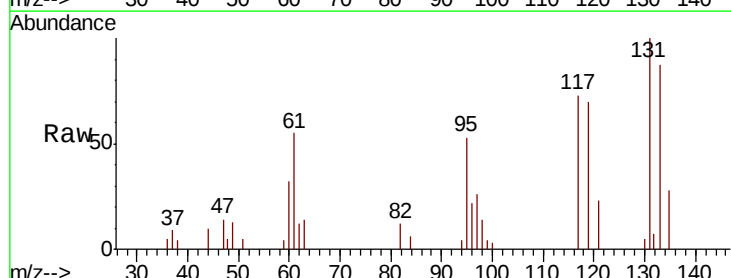
Tgt Ion:131 Resp: 5053

Ion Ratio Lower Upper

131 100

133 96.3 75.8 113.8

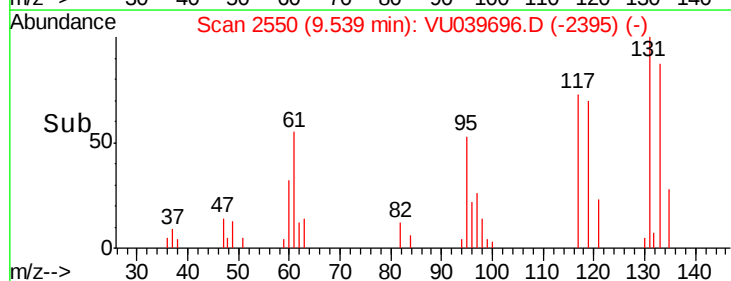
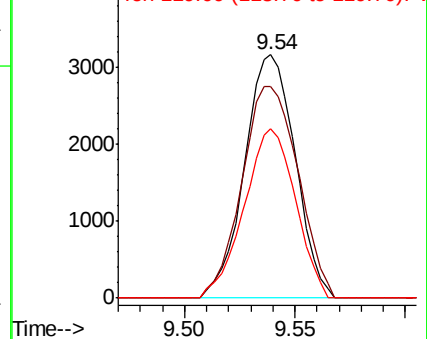
119 70.4 54.6 81.8

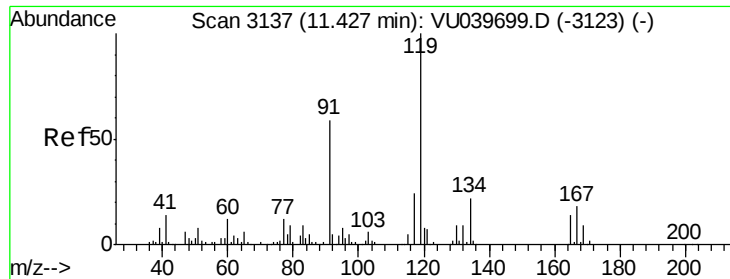


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

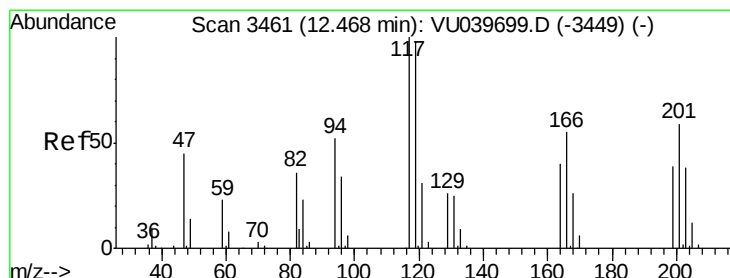
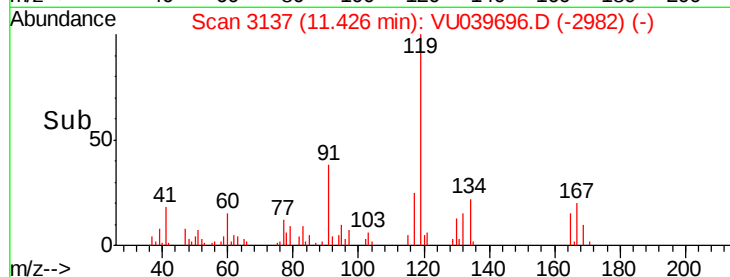
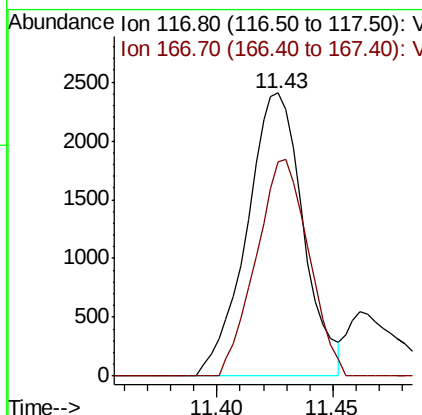
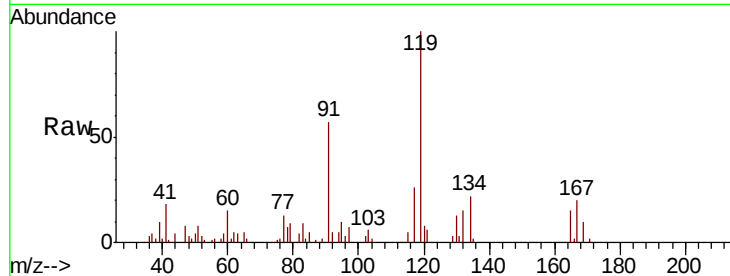




#61
 Pentachloroethane
 Concen: 1.047 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

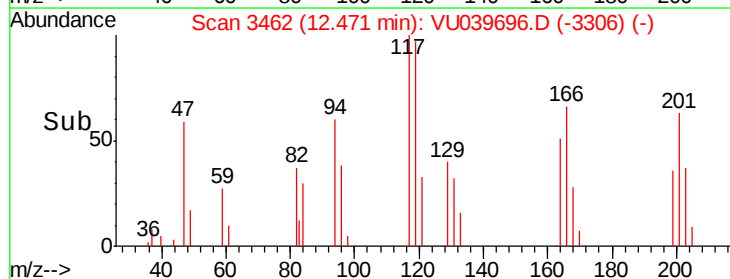
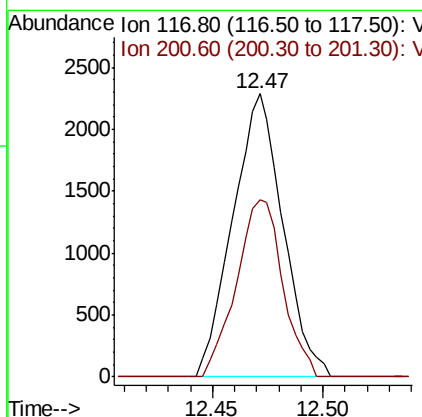
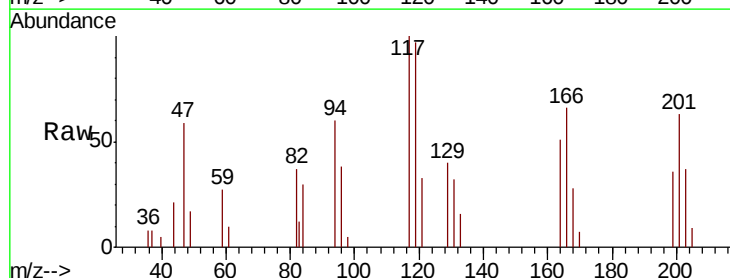
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

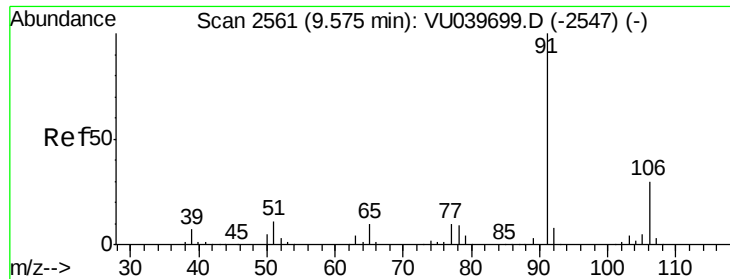
Tot Ion:117 Resp: 4075
 Ion Ratio Lower Upper
 117 100
 167 71.2 56.6 85.0



#62
 Hexachloroethane
 Concen: 0.902 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion:117 Resp: 3596
 Ion Ratio Lower Upper
 117 100
 201 57.9 48.1 72.1





#63

Ethyl Benzene

Concen: 0.857 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

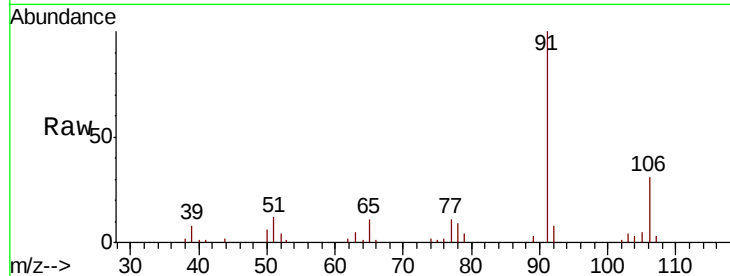
VSTDIC001

Tot Ion: 91 Resp: 25082

Ion Ratio Lower Upper

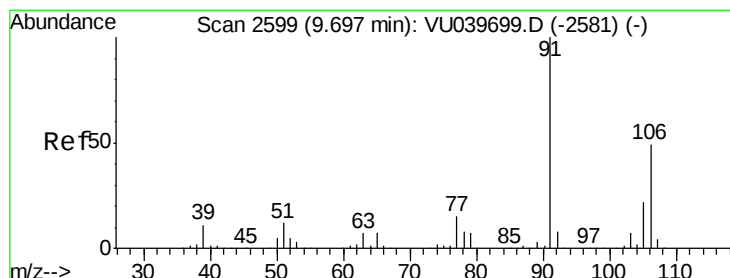
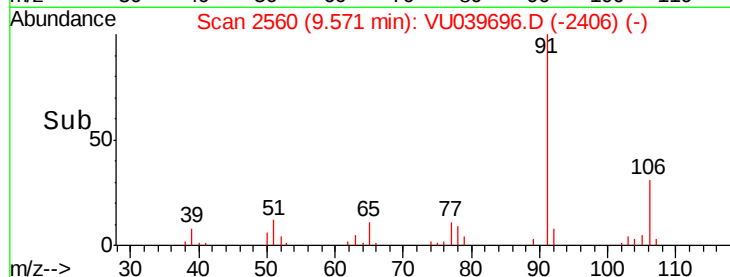
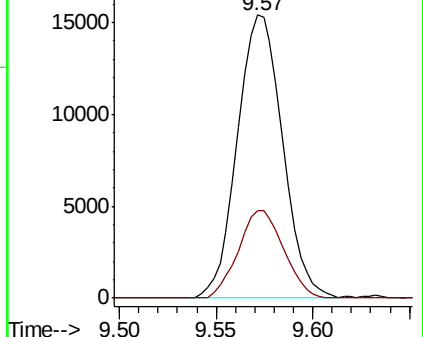
91 100

106 31.0 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-2547) (-)

Ion 106.00 (105.70 to 106.70): VU039699.D (-2547) (-)



#64

m/p-Xylenes

Concen: 1.648 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039696.D

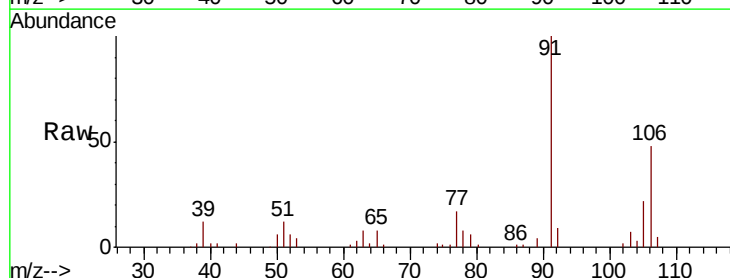
Acq: 29 Jul 2020 11:12

Tgt Ion: 106 Resp: 18628

Ion Ratio Lower Upper

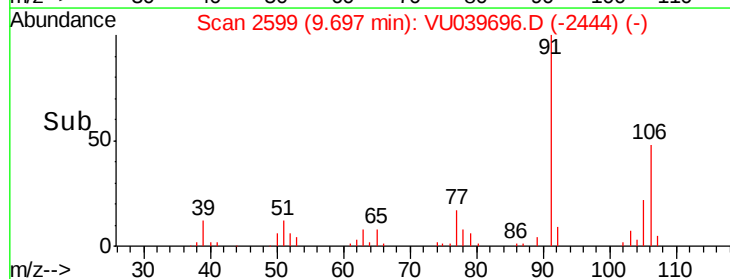
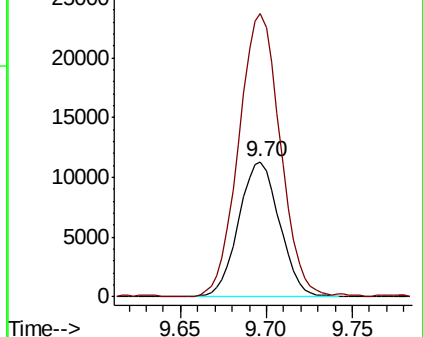
106 100

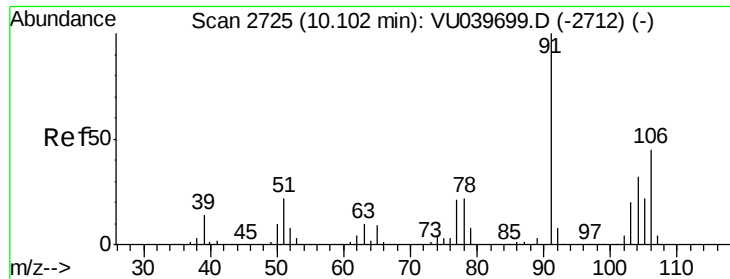
91 213.1 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039699.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2581) (-)

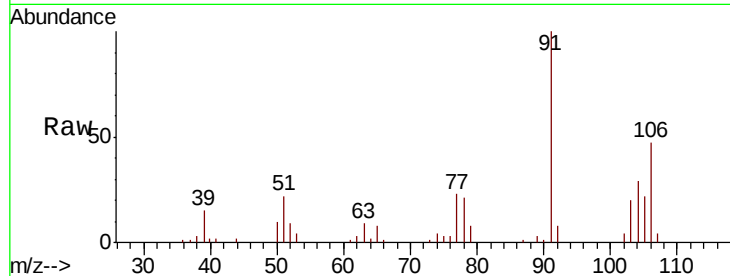




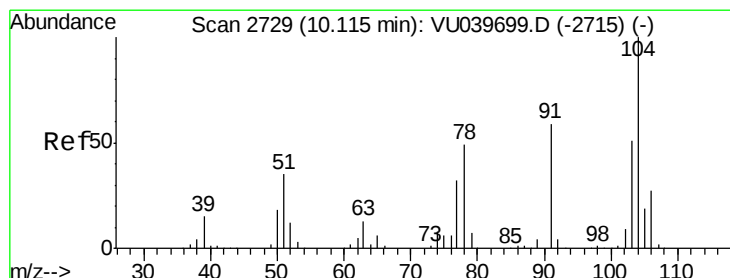
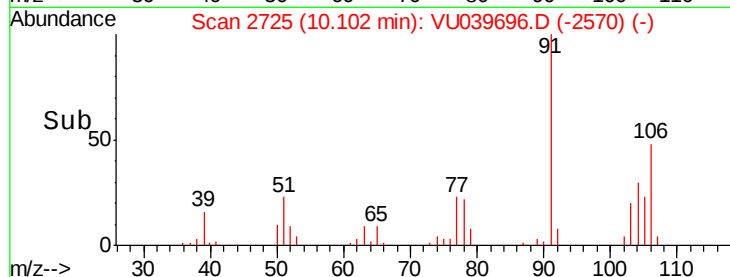
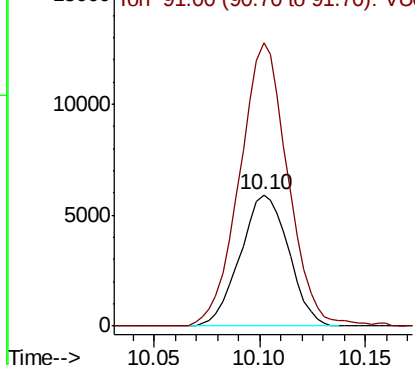
#65
o-Xylene
Concen: 0.860 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 9425
Ion Ratio Lower Upper
106 100
91 215.7 110.3 331.0

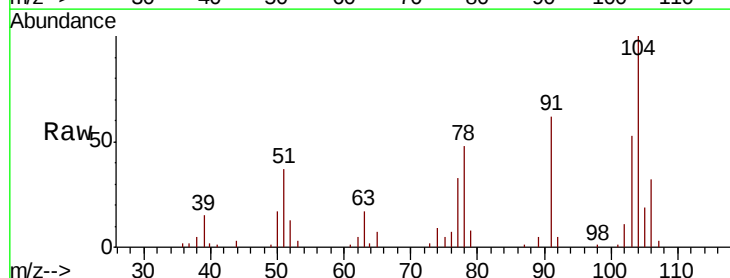


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

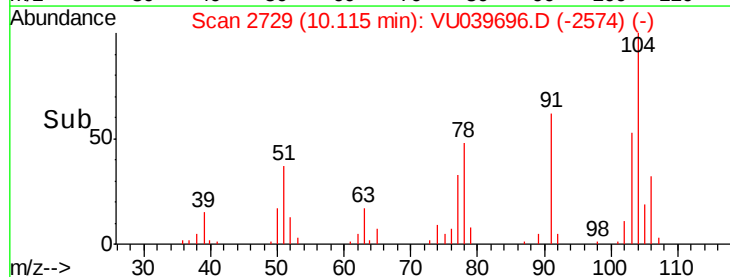
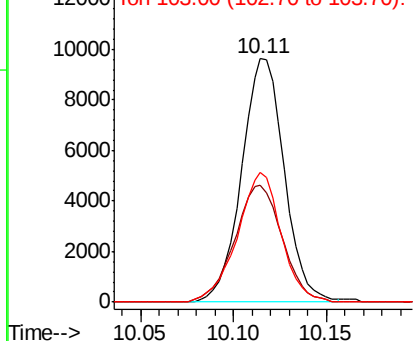


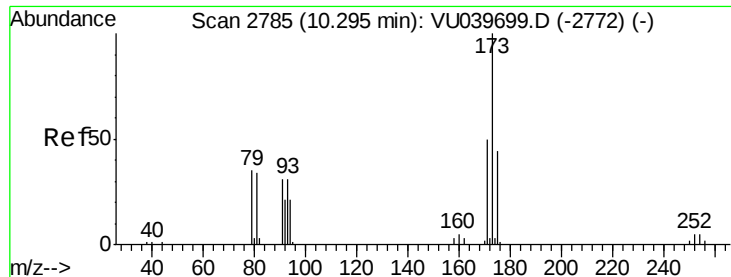
#66
Styrene
Concen: 0.851 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039696.D
Acq: 29 Jul 2020 11:12

Tgt Ion:104 Resp: 15480
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 54.4 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: 0.894 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

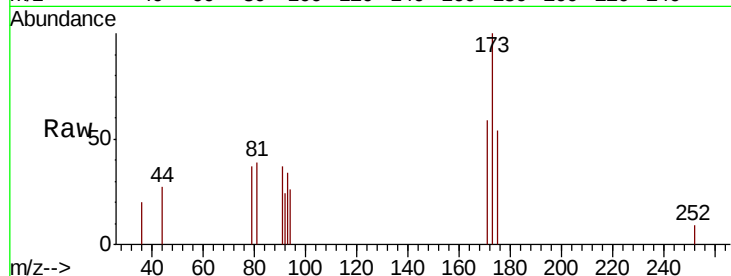
Tot Ion:173 Resp: 2303

Ion Ratio Lower Upper

173 100

175 43.7 36.7 55.1

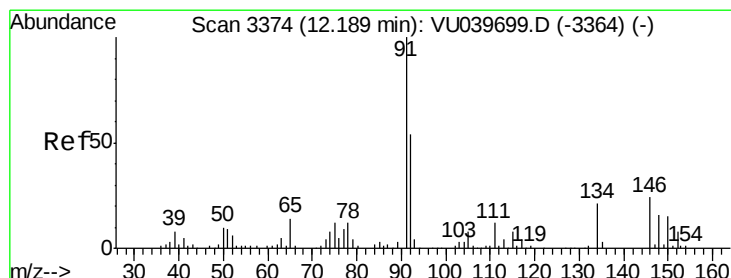
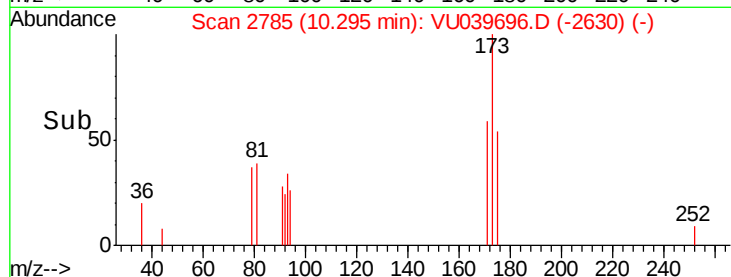
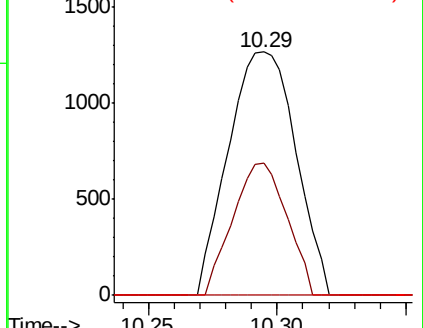
254 0.0 3.8 5.8#



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: 0.912 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

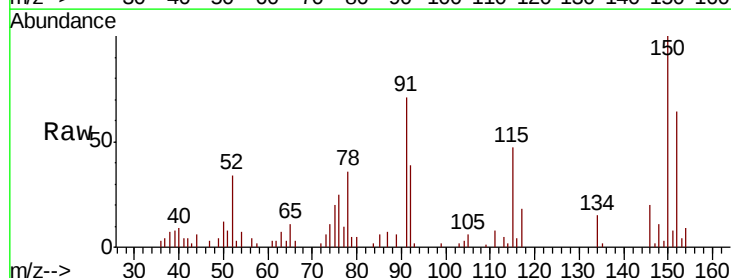
Tgt Ion:152 Resp: 7134

Ion Ratio Lower Upper

152 100

115 82.0 0.0 302.4

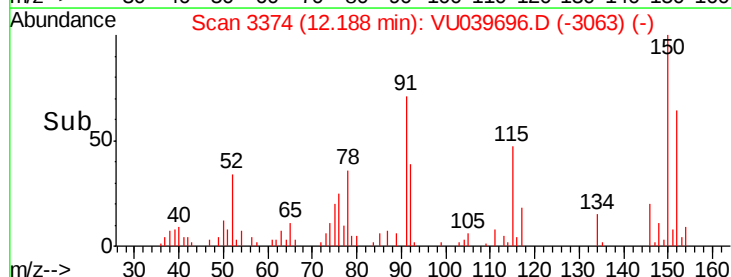
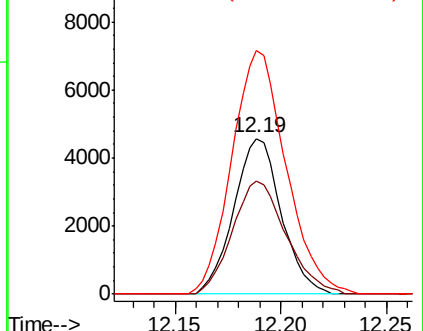
150 178.7 0.0 645.8

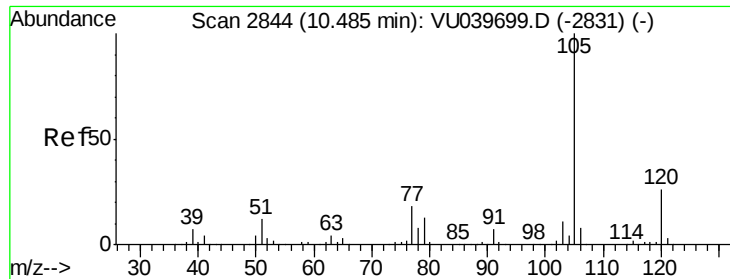


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.854 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

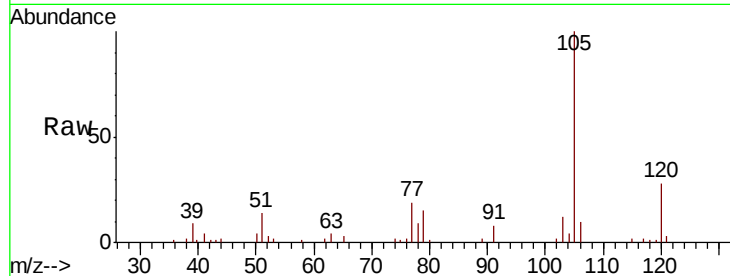
VSTDIC001

Tot Ion:105 Resp: 24472

Ion Ratio Lower Upper

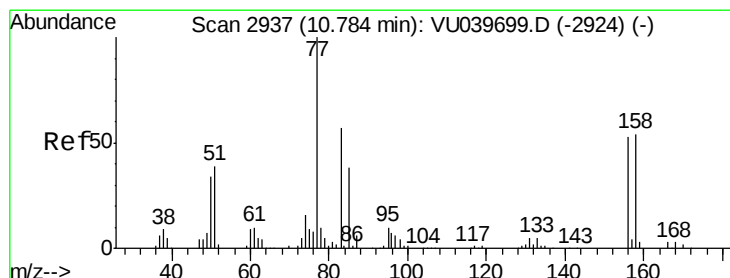
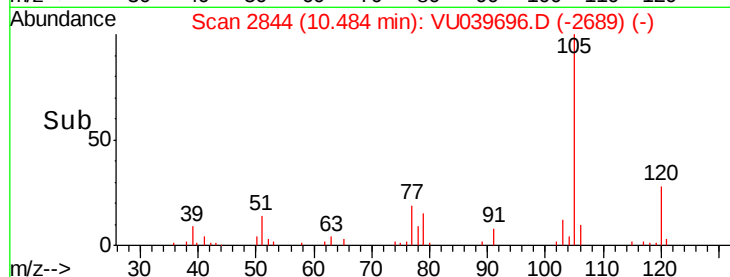
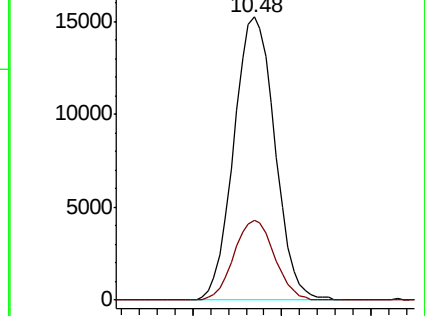
105 100

120 27.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.146 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

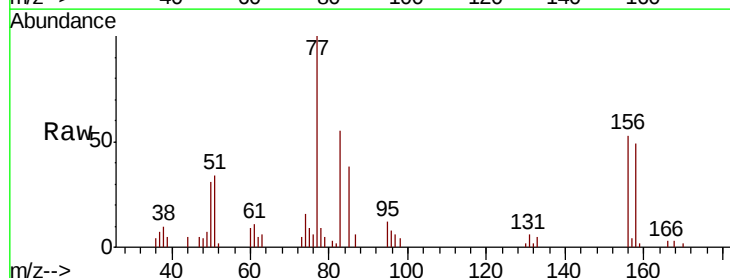
Tgt Ion: 83 Resp: 6677

Ion Ratio Lower Upper

83 100

131 7.7 7.0 10.6

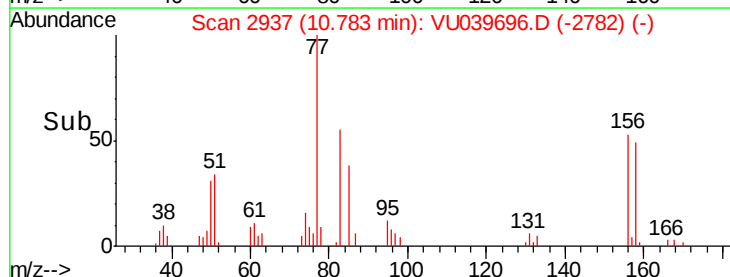
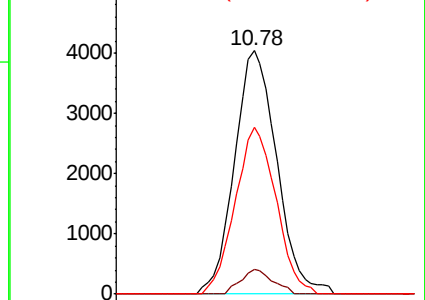
85 66.0 50.6 75.8

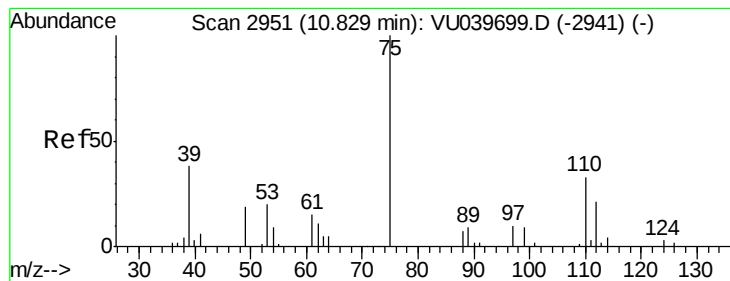


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

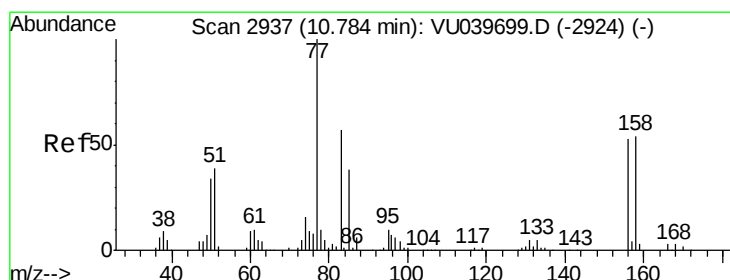
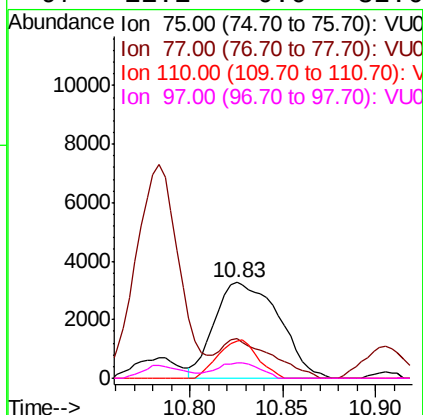
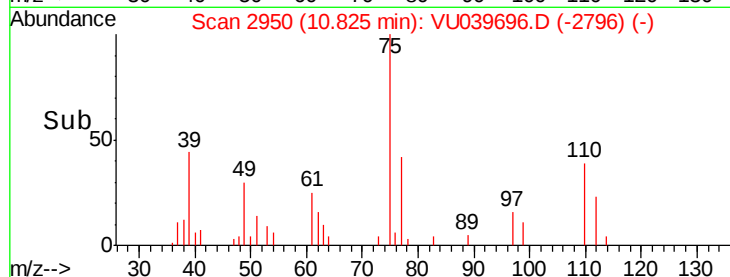
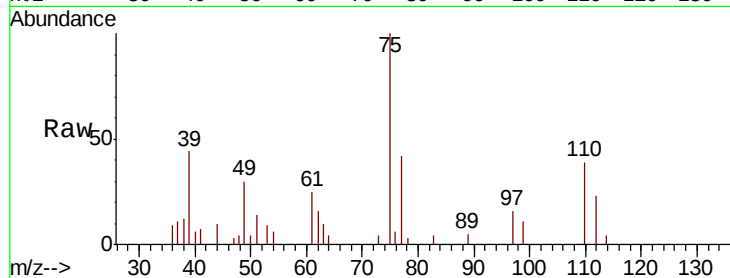




#71
 1,2,3-Trichloropropane
 Concen: 1.799 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

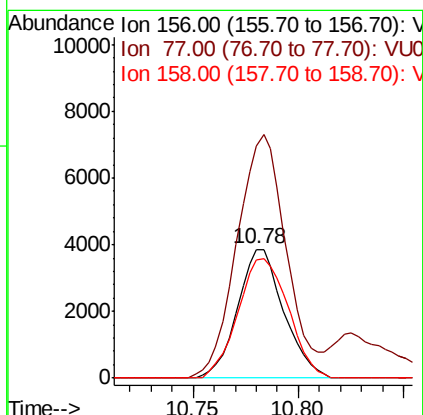
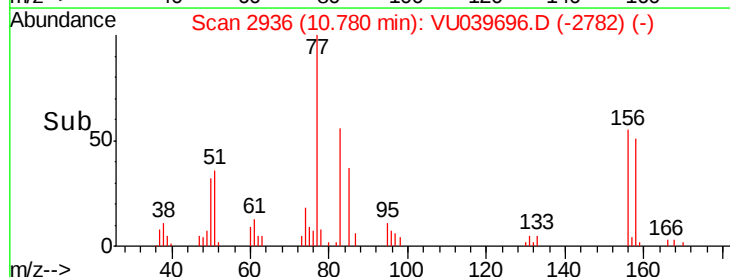
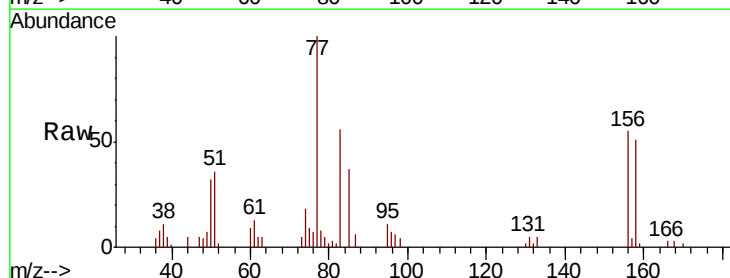
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

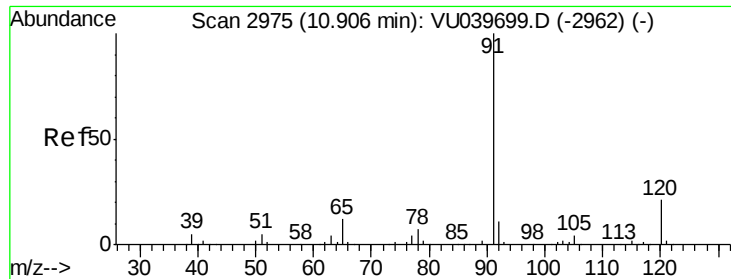
Tot Ion:	75	Resp:	7908
Ion	Ratio	Lower	Upper
75	100		
77	32.8	0.0	91.0
110	24.5	0.0	64.2
97	11.1	0.0	32.6



#72
 Bromobenzene
 Concen: 0.922 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion:	156	Resp:	5874
Ion	Ratio	Lower	Upper
156	100		
77	200.2	0.0	385.2
158	101.2	0.0	200.8





#73

n-propylbenzene

Concen: 0.892 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

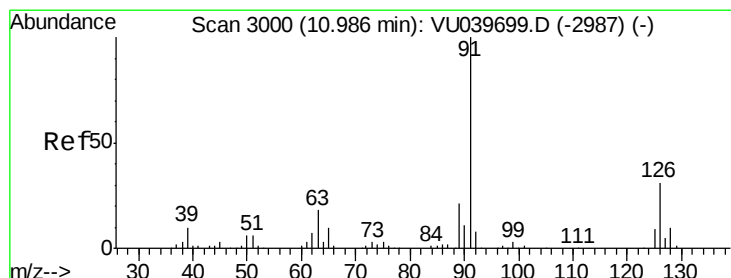
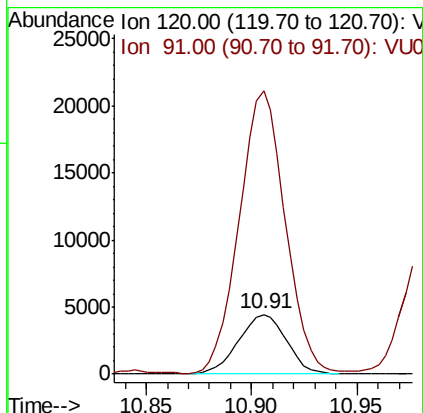
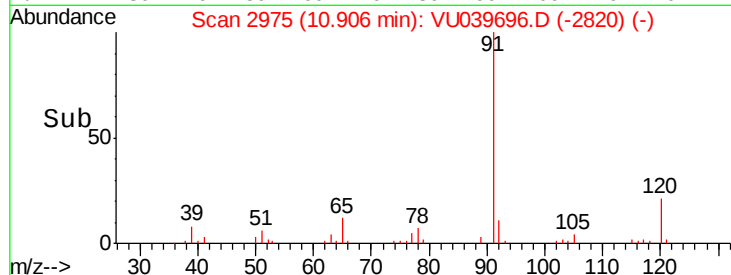
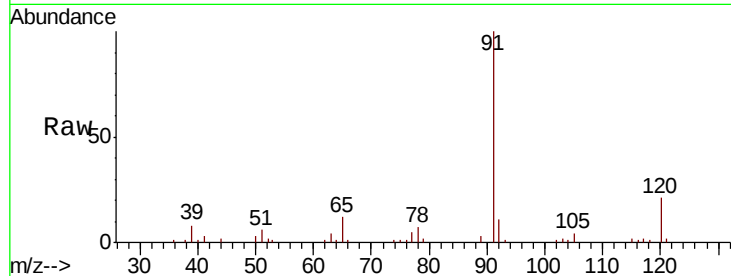
VSTDIC001

Tot Ion:120 Resp: 7034

Ion Ratio Lower Upper

120 100

91 456.8 371.7 557.5



#74

2-Chlorotoluene

Concen: 0.897 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039696.D

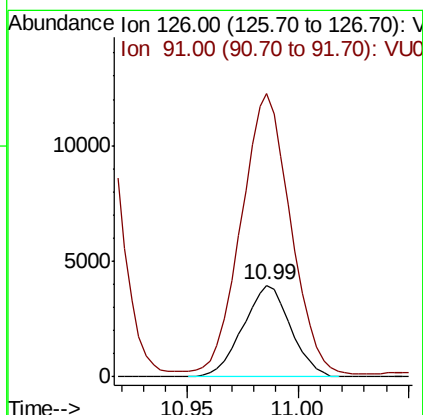
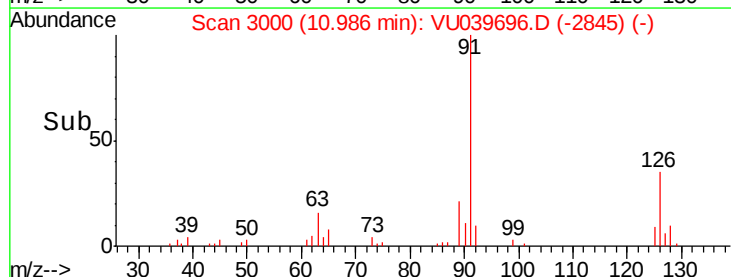
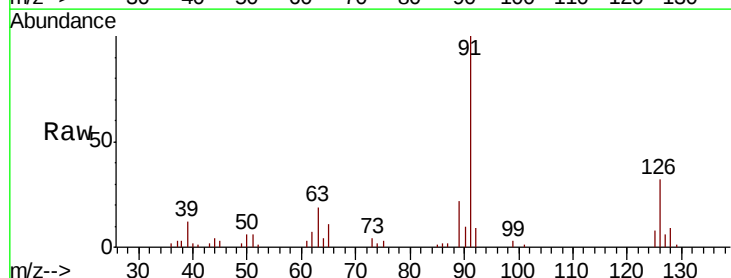
Acq: 29 Jul 2020 11:12

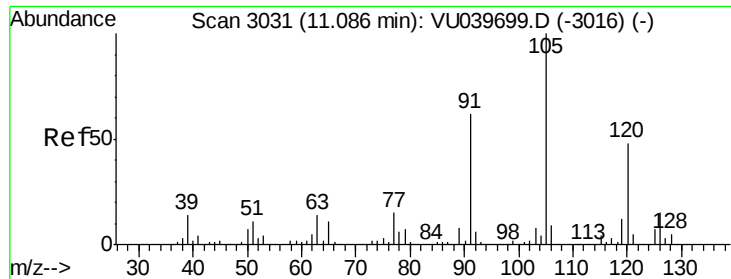
Tgt Ion:126 Resp: 5937

Ion Ratio Lower Upper

126 100

91 319.8 0.0 637.0





#75

1,3,5-Trimethylbenzene

Concen: 0.861 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

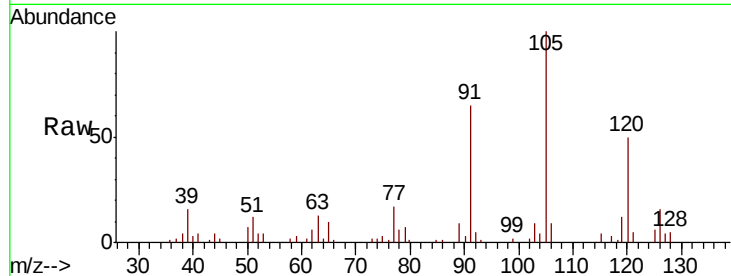
VSTDIC001

Tot Ion:105 Resp: 20701

Ion Ratio Lower Upper

105 100

120 49.6 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.09

15000

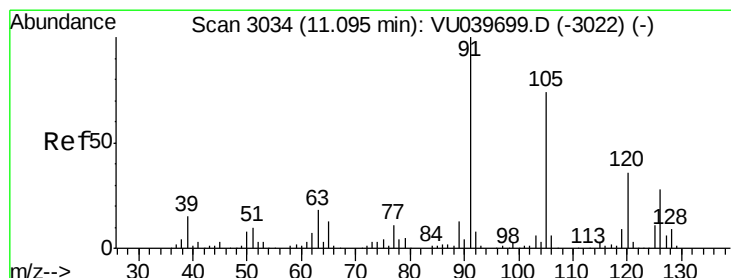
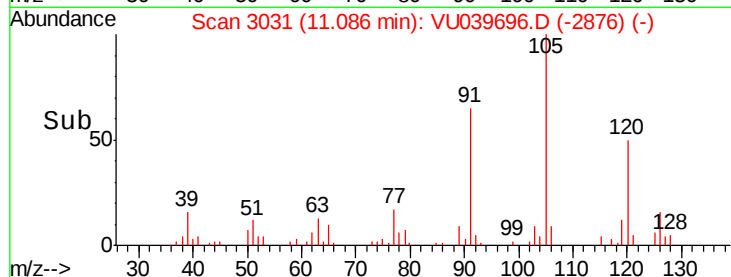
10000

5000

0

Time-->

11.05 11.10



#76

4-Chlorotoluene

Concen: 0.892 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039696.D

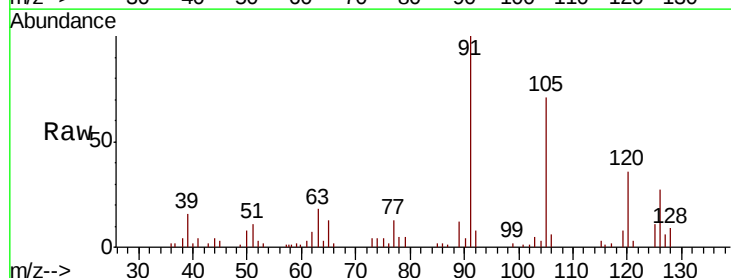
Acq: 29 Jul 2020 11:12

Tgt Ion:126 Resp: 6153

Ion Ratio Lower Upper

126 100

91 374.2 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

15000

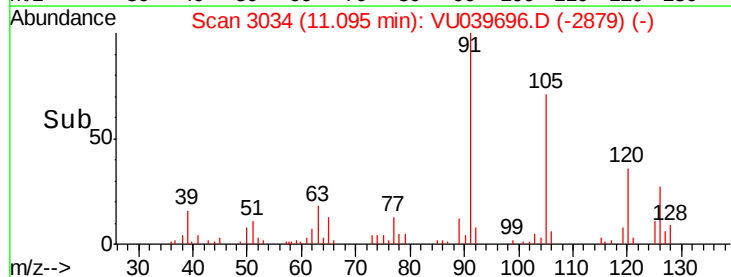
10000

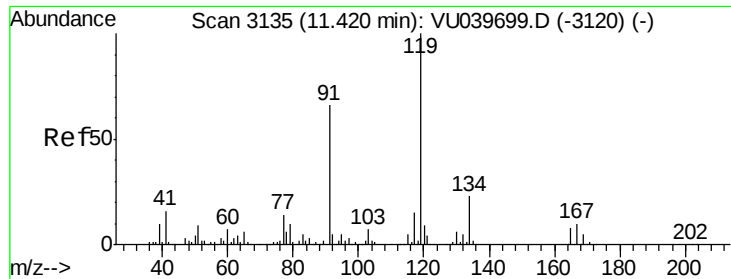
5000

0

Time-->

11.05 11.10 11.15





#77

tert-Butylbenzene

Concen: 0.874 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

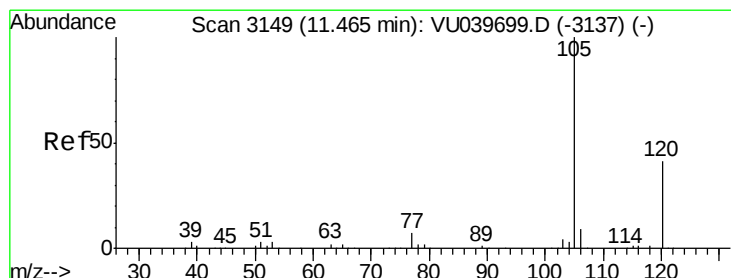
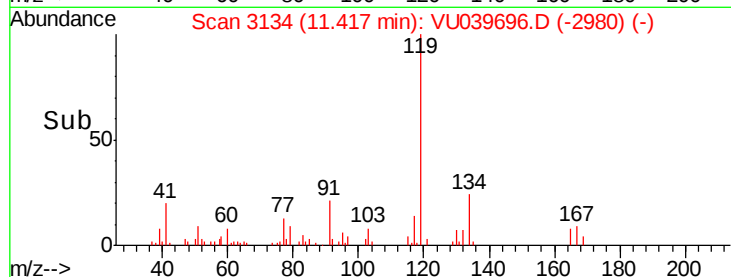
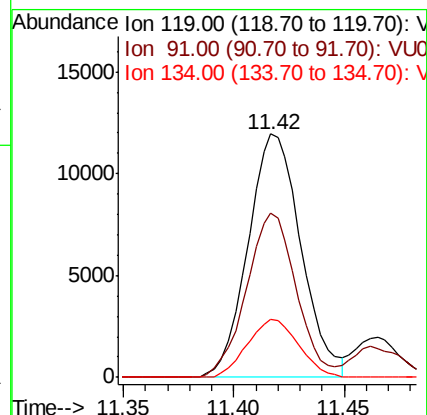
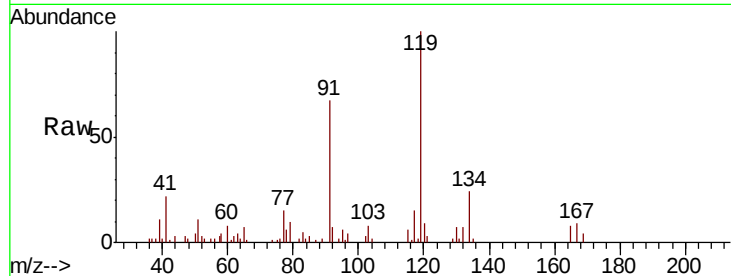
Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:119 Resp: 19951

Ion	Ratio	Lower	Upper
119	100		
91	63.4	31.9	95.5
134	22.9	18.2	27.4



#78

1,2,4-Trimethylbenzene

Concen: 0.828 ug/l

RT: 11.47 min Scan# 3149

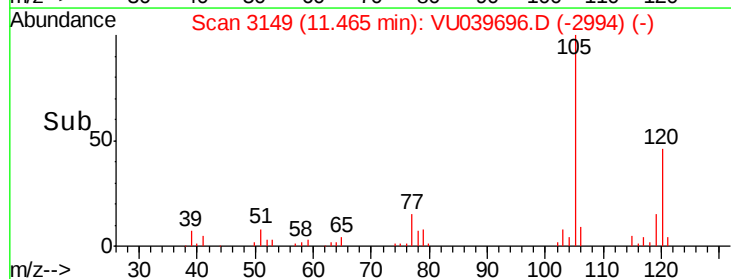
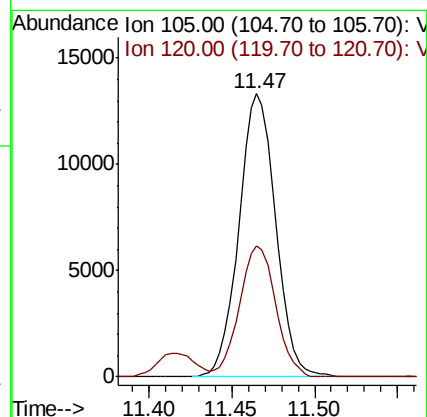
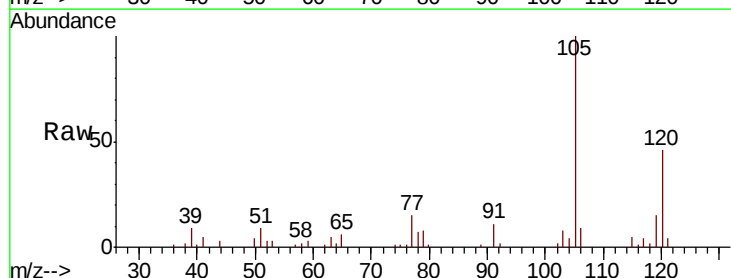
Delta R.T. -0.00 min

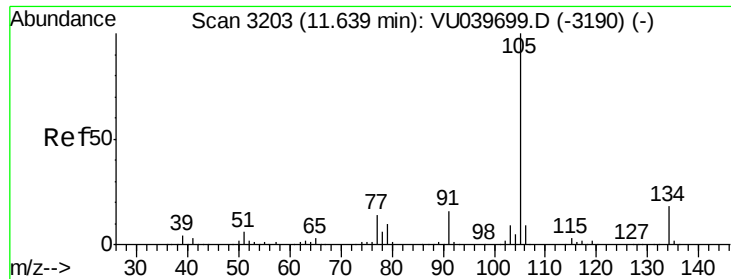
Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Tgt Ion:105 Resp: 20506

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.0





#79

sec-Butylbenzene

Concen: 0.906 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

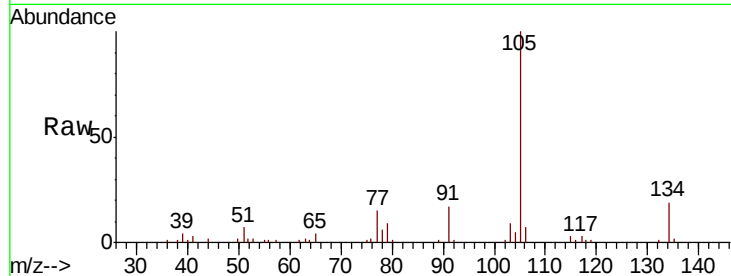
VSTDIC001

Tot Ion: 105 Resp: 29566

Ion Ratio Lower Upper

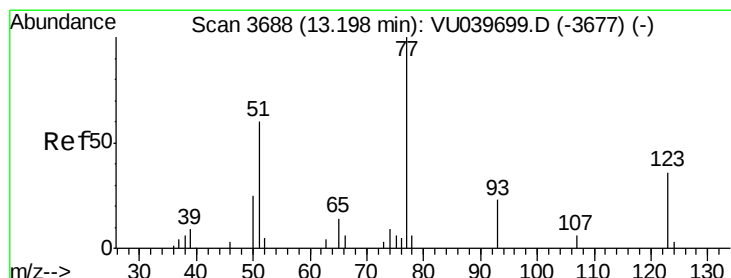
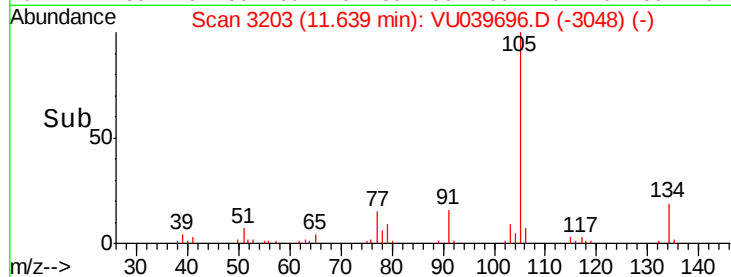
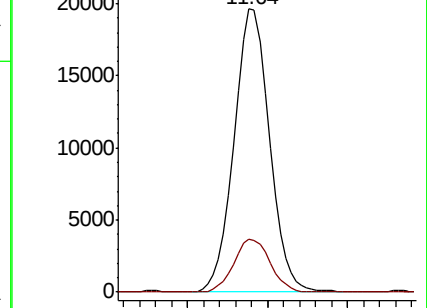
105 100

134 19.1 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 3.085 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

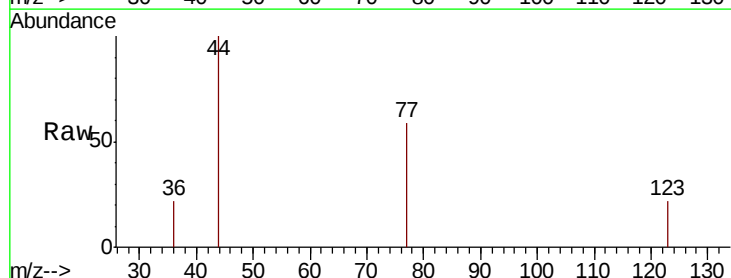
Tgt Ion: 77 Resp: 488

Ion Ratio Lower Upper

77 100

123 28.1 16.9 59.9

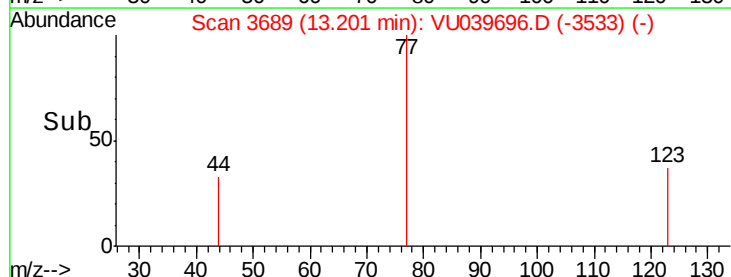
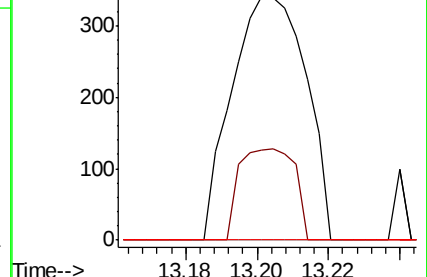
65 0.0 14.4 18.4#

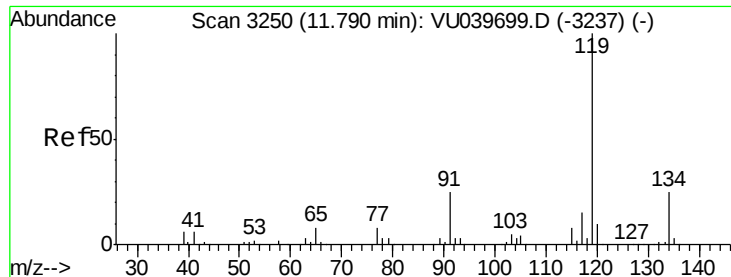


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

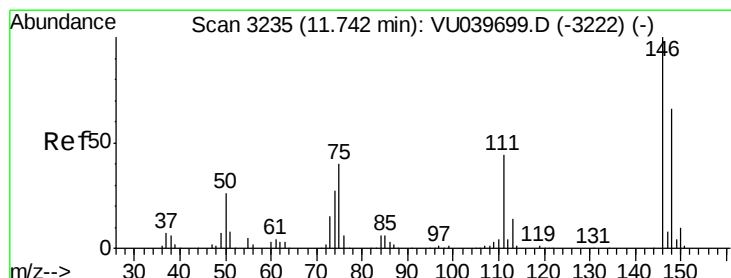
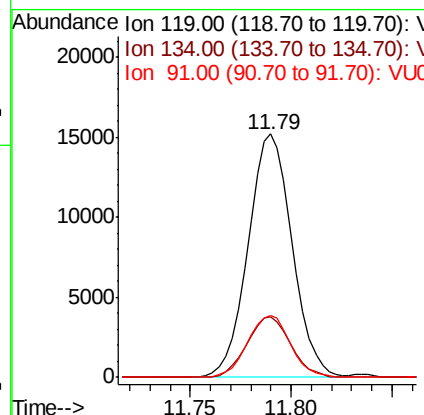
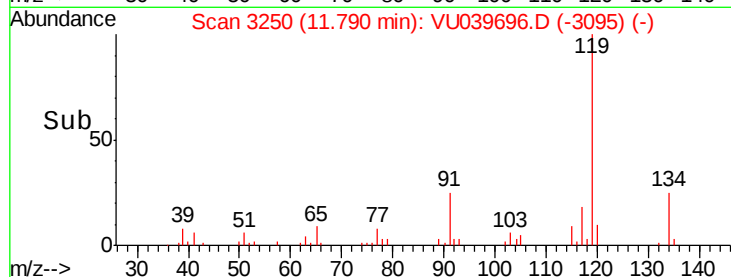
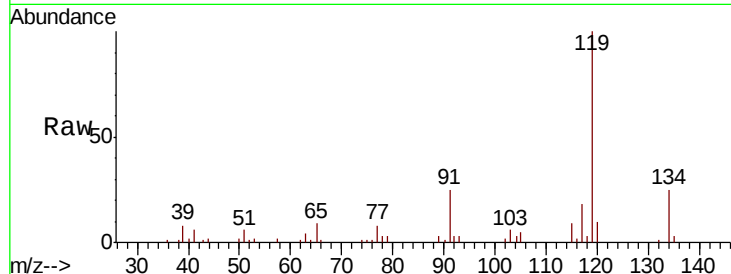




#81
 p-Isopropyltoluene
 Concen: 0.881 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

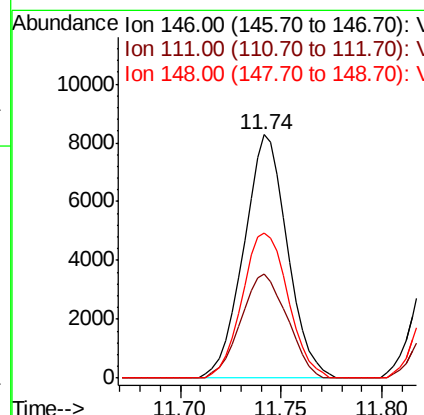
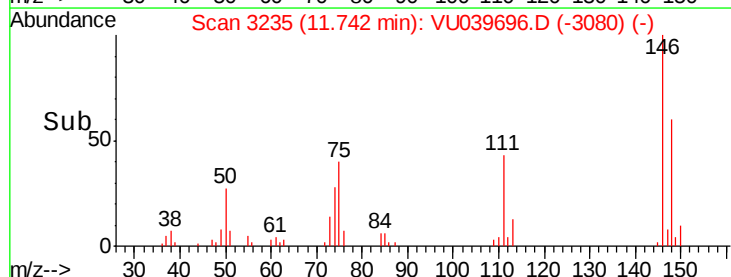
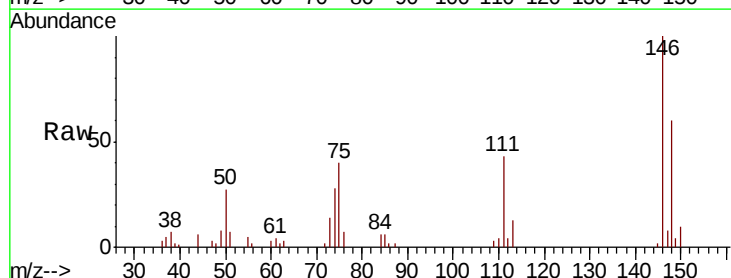
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

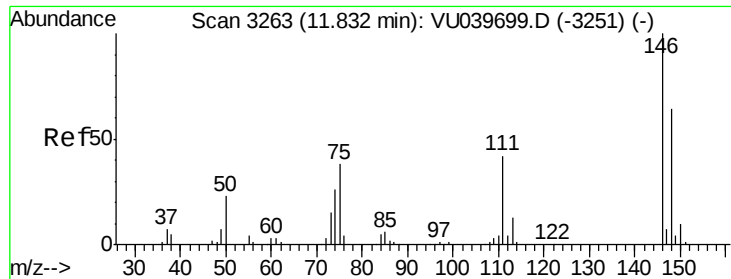
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.6	20.2	30.4
91	24.7	20.7	31.1



#82
 1,3-Dichlorobenzene
 Concen: 0.943 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	34.5	51.7
148	62.7	51.4	77.0

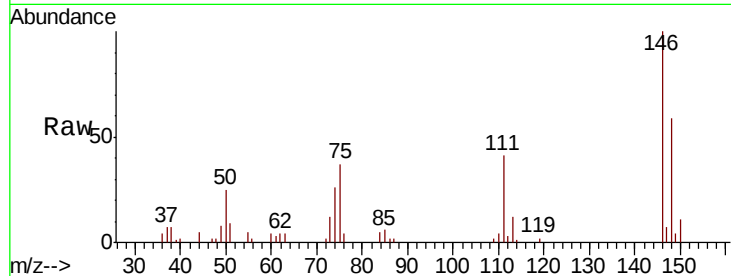




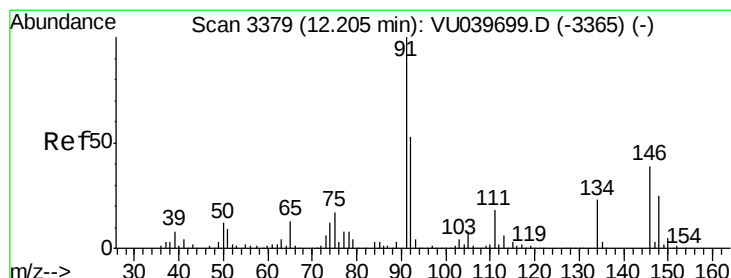
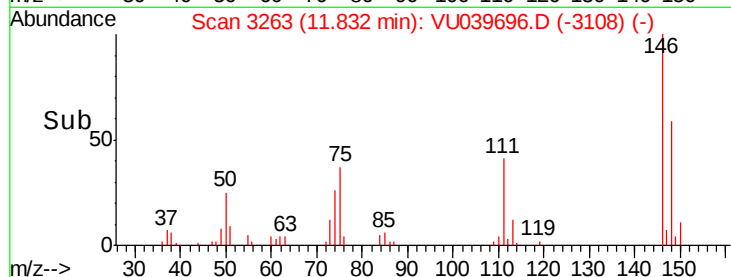
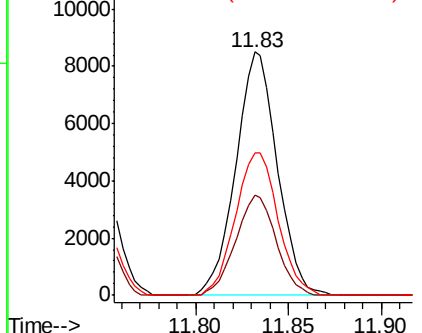
#83
 1,4-Dichlorobenzene
 Concen: 0.979 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 13186
 Ion Ratio Lower Upper
 146 100
 111 40.0 33.8 50.6
 148 60.2 51.1 76.7

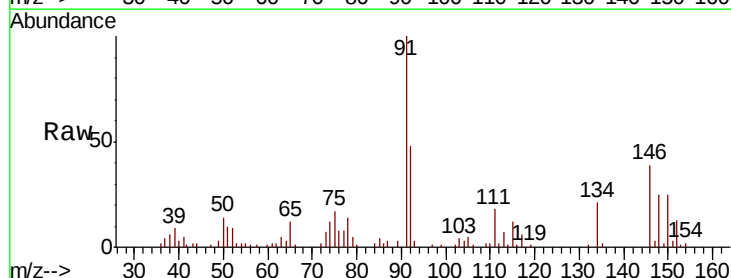


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

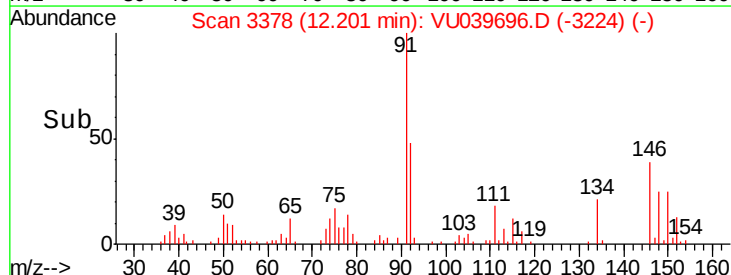
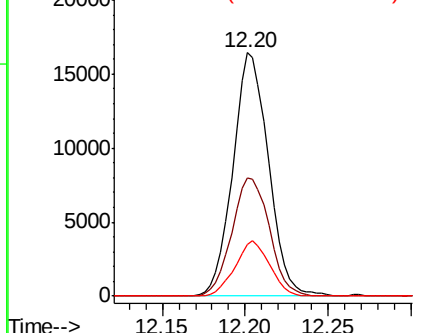


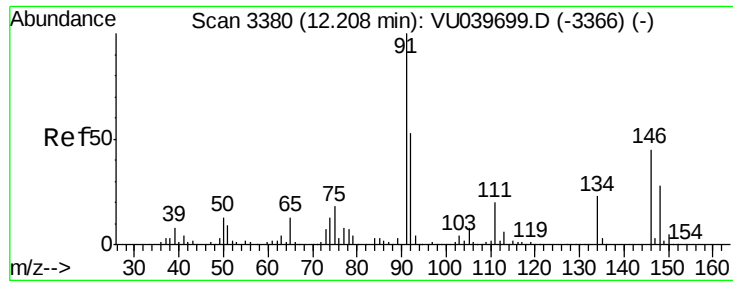
#84
 n-Butylbenzene
 Concen: 0.928 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion: 91 Resp: 24576
 Ion Ratio Lower Upper
 91 100
 92 50.9 42.6 64.0
 134 21.9 18.2 27.4



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

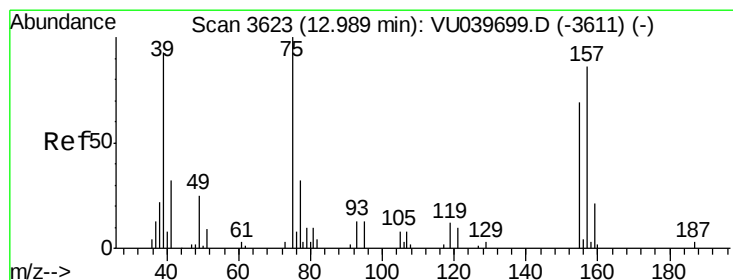
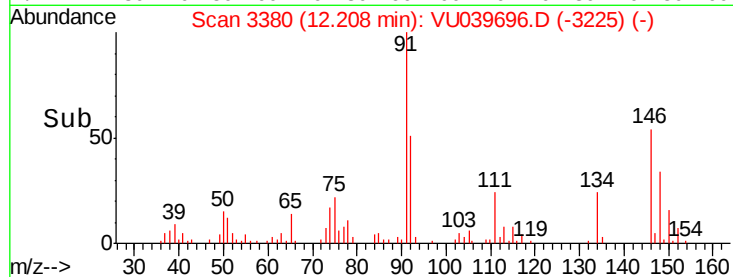
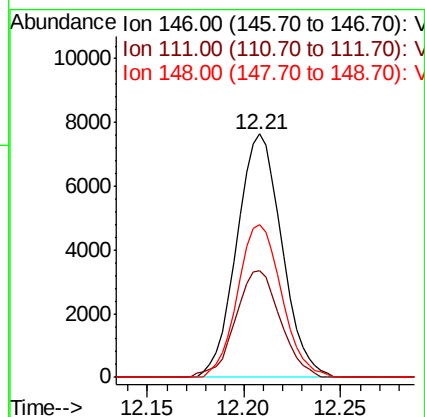
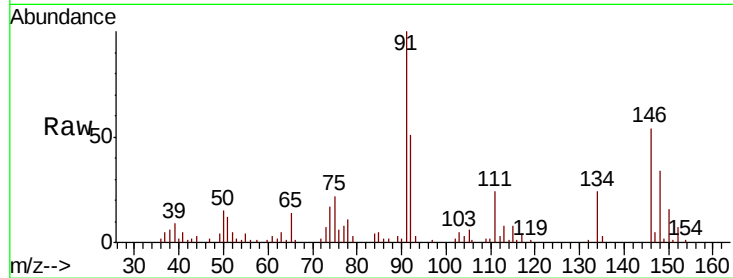




#85
 1,2-Dichlorobenzene
 Concen: 0.991 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

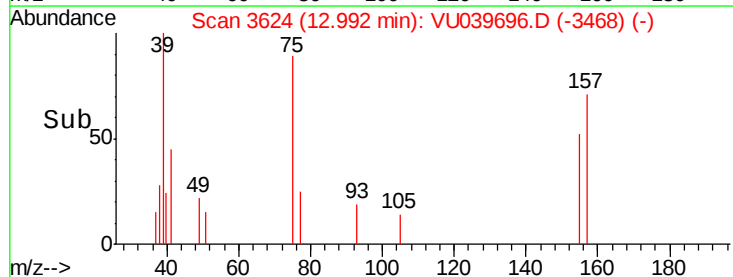
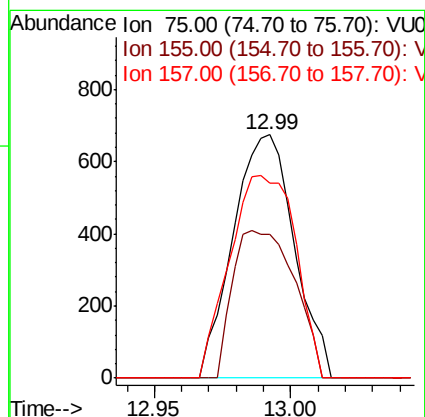
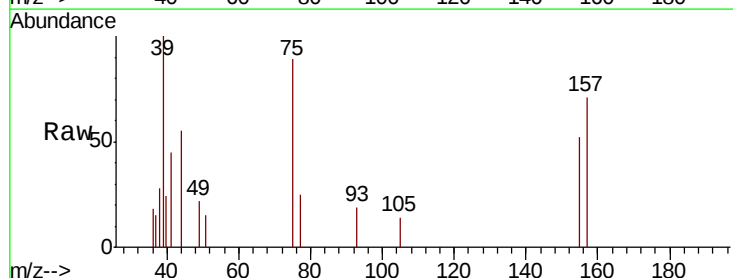
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

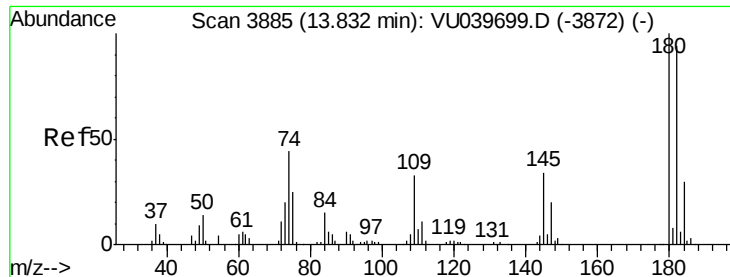
Tot Ion:146 Resp: 12377
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.8 68.3
 148 61.6 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.108 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion: 75 Resp: 1050
 Ion Ratio Lower Upper
 75 100
 155 61.5 52.9 79.3
 157 90.1 67.8 101.6

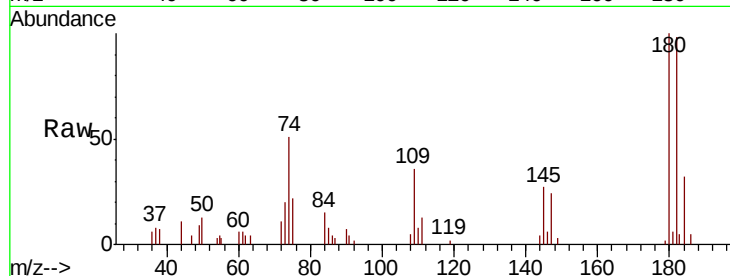




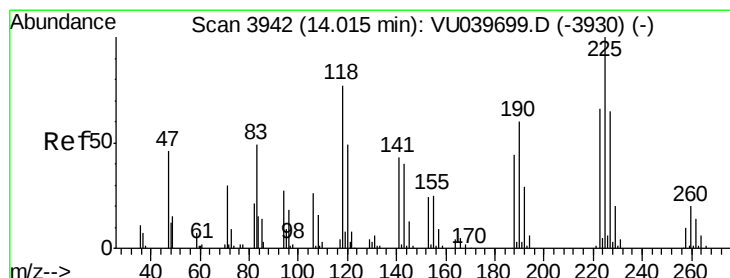
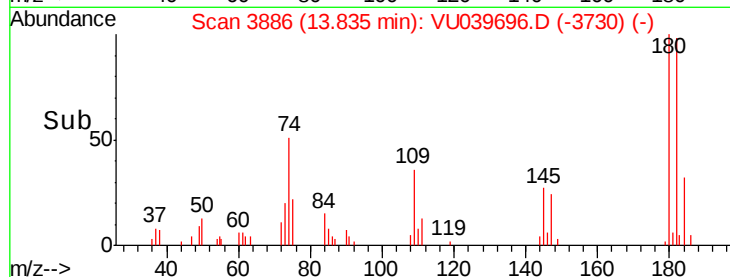
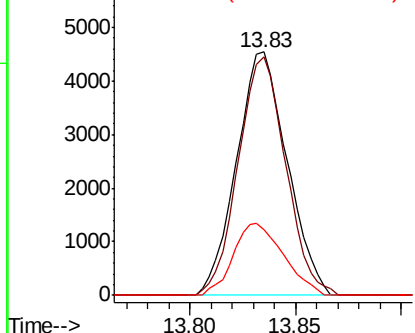
#87
 1,2,4-Trichlorobenzene
 Concen: 0.847 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 7579
 Ion Ratio Lower Upper
 180 100
 182 91.8 76.2 114.4
 145 29.3 26.8 40.2

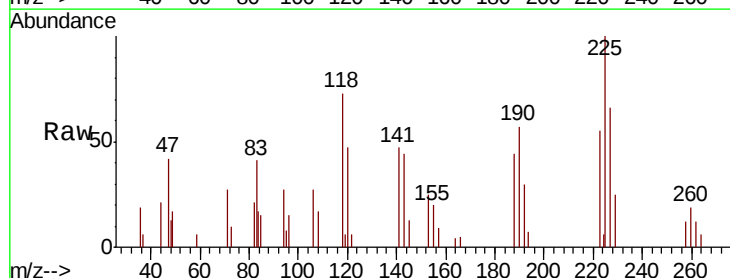


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

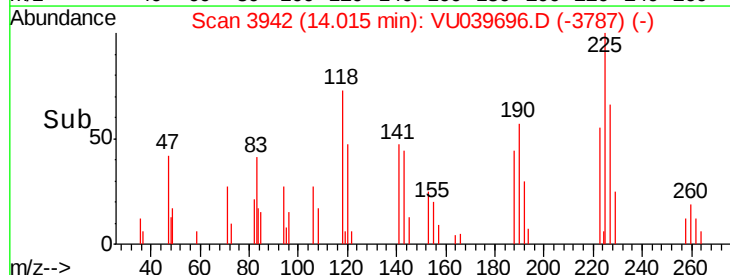
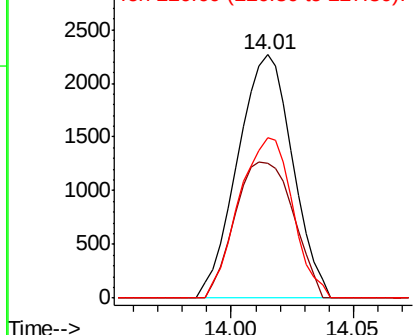


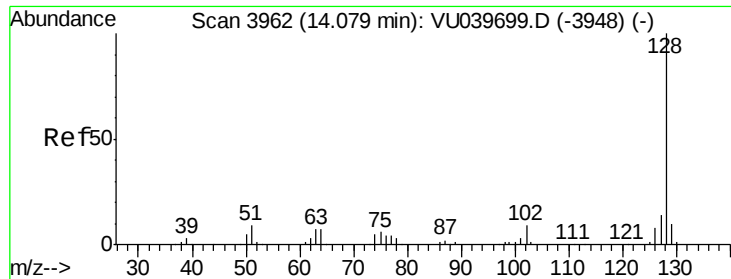
#88
 Hexachlorobutadiene
 Concen: 0.893 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039696.D
 Acq: 29 Jul 2020 11:12

Tgt Ion:225 Resp: 3537
 Ion Ratio Lower Upper
 225 100
 223 59.8 52.4 78.6
 227 64.7 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: 0.800 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

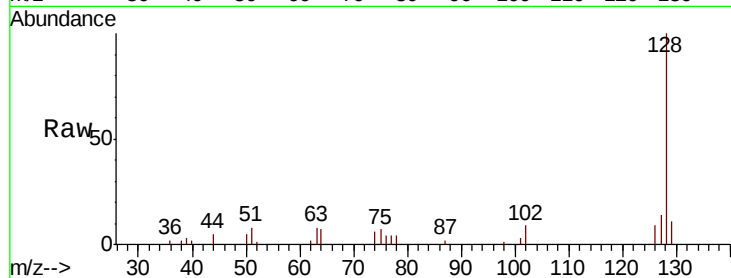
Tot Ion:128 Resp: 14079

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

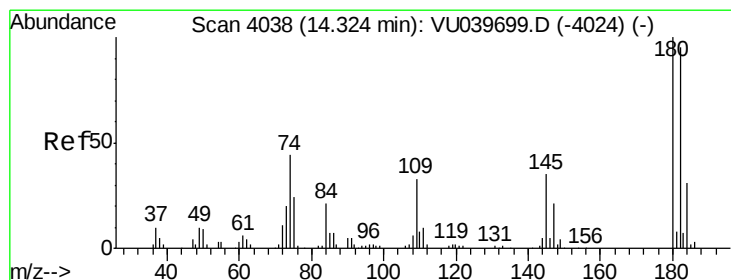
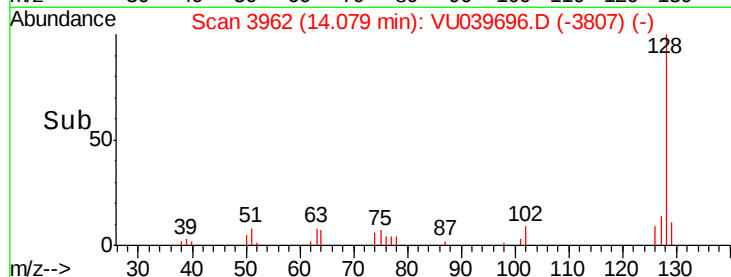
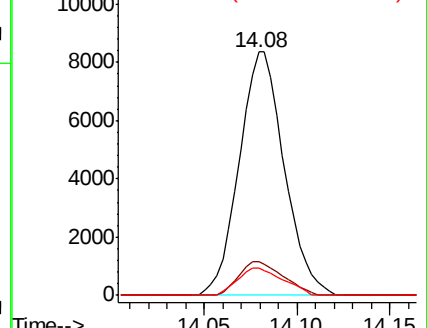
129 11.2 8.4 12.6



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: 0.848 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039696.D

Acq: 29 Jul 2020 11:12

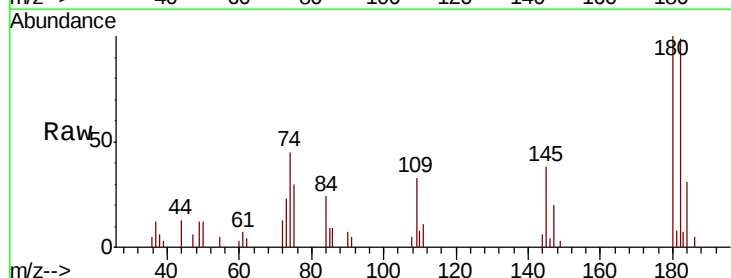
Tgt Ion:180 Resp: 6796

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 37.4 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

