

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038676.D
 Acq On : 08 Jun 2020 18:09
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV35

Quant Time: Jun 09 06:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:05:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	614790	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	592251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	298421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172369	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.36%
7) Chloroethane-d5	1.93	69	132043	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.10%
11) 1,1-Dichloroethene-d2	2.59	63	363299	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
21) 2-Butanone-d5	4.67	46	343597	102.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	5.10	84	365456	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.74	65	235066	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.76	84	715344	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
36) 1,2-Dichloropropane-d6	6.72	67	223084	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.48%
41) Toluene-d8	7.92	98	643663	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	8.20	79	114124	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.12%
47) 2-Hexanone-d5	8.65	63	248079	106.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	328574	50.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	255067	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	223850	45.980	ug/L 100
3) Chloromethane	1.53	50	223207	47.527	ug/L 100
5) Vinyl chloride	1.62	62	232274	47.223	ug/L 99
6) Bromomethane	1.87	94	129515	50.559	ug/L 98
8) Chloroethane	1.95	64	139655	48.536	ug/L 96
9) Trichlorofluoromethane	2.16	101	311654	46.009	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	178923	45.317	ug/L 99
12) 1,1-Dichloroethene	2.61	96	187759	48.250	ug/L 99
13) Acetone	2.66	43	257992	95.808	ug/L 97
14) Carbon disulfide	2.82	76	605192	48.027	ug/L 99
15) Methyl Acetate	2.98	43	279381	49.648	ug/L 99
16) Methylene chloride	3.08	84	221629	47.970	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	203836	47.868	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	680818	49.448	ug/L 100
19) 1,1-Dichloroethane	3.91	63	386506	47.901	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	225700	47.948	ug/L 100
22) 2-Butanone	4.74	43	418768	101.406	ug/L 99

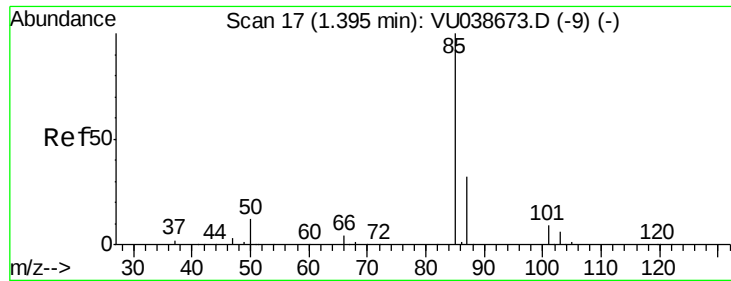
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 QLast Update : Tue Jun 09 06:05:31 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	114917	49.288	uq/L	98
25) Chloroform	5.13	83	387036	47.928	uq/L	98
27) 1,2-Dichloroethane	5.83	62	327172	48.975	uq/L	100
29) Cyclohexane	5.42	56	313334	46.243	uq/L	100
30) 1,1,1-Trichloroethane	5.35	97	335080	48.151	uq/L	100
31) Carbon tetrachloride	5.56	117	272610	47.321	uq/L	100
33) Benzene	5.81	78	862885	49.063	uq/L	100
34) Trichloroethene	6.57	95	214109	47.867	uq/L	96
35) Methylcyclohexane	6.79	83	311903	46.236	uq/L	98
37) 1,2-Dichloropropane	6.82	63	224190	48.918	uq/L	99
38) Bromodichloromethane	7.13	83	294002	50.042	uq/L	100
39) cis-1,3-Dichloropropene	7.63	75	357504	50.581	uq/L	100
40) 4-Methyl-2-pentanone	7.82	43	732737	102.270	uq/L	99
42) Toluene	7.99	91	900655	48.977	uq/L	100
44) trans-1,3-Dichloropropene	8.23	75	340375	50.277	uq/L	99
45) 1,1,2-Trichloroethane	8.42	97	218289	49.486	uq/L	99
46) Tetrachloroethene	8.57	164	152778	47.344	uq/L	98
48) 2-Hexanone	8.71	43	614343	103.727	uq/L	99
49) Dibromochloromethane	8.83	129	227888	50.304	uq/L	98
50) 1,2-Dibromoethane	8.94	107	238316	50.265	uq/L	98
51) Chlorobenzene	9.46	112	570181	48.263	uq/L	99
52) Ethylbenzene	9.59	91	984685	48.518	uq/L	99
53) m,p-Xylene	9.71	106	380105	48.790	uq/L	99
54) o-xylene	10.12	106	373295	49.358	uq/L	100
55) Styrene	10.13	104	650671	49.628	uq/L	100
56) Isopropylbenzene	10.50	105	944012	47.825	uq/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	372791	49.658	uq/L	98
59) 1,2,3-Trichloropropane	10.84	75	320348	49.852	uq/L	99
61) Bromoform	10.31	173	165695	50.623	uq/L	100
62) 1,3-Dichlorobenzene	11.76	146	445311	48.349	uq/L	99
63) 1,4-Dichlorobenzene	11.85	146	452899	48.561	uq/L	99
65) 1,2-Dichlorobenzene	12.22	146	445528	48.601	uq/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	97557	51.353	uq/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	322575	48.754	uq/L	99
68) 1,2,4-trichlorobenzene	13.87	180	314254	50.382	uq/L	99
69) Naphthalene	14.11	128	1194730	54.181	uq/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	323688	51.725	uq/L	100

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



#2

Dichlorodifluoromethane

Concen: 45.980 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampled :

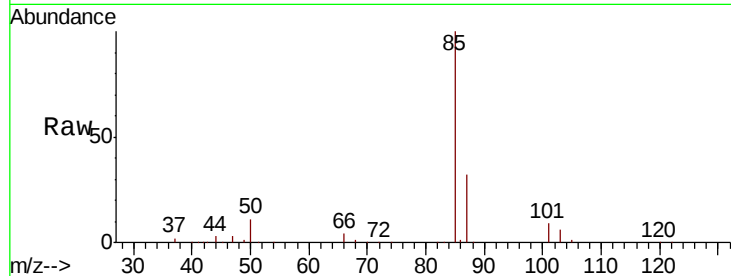
VICV35

Tot Ion: 85 Resp: 223850

Ion Ratio Lower Upper

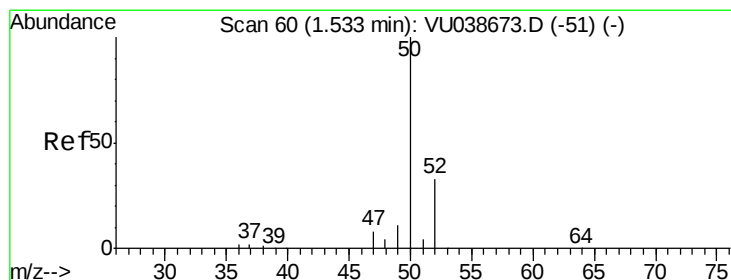
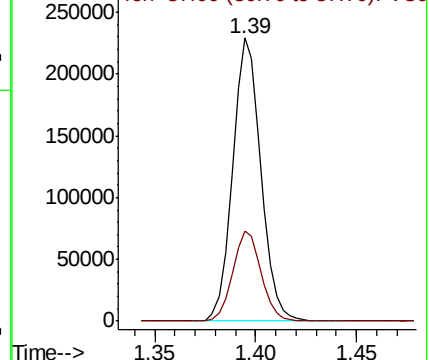
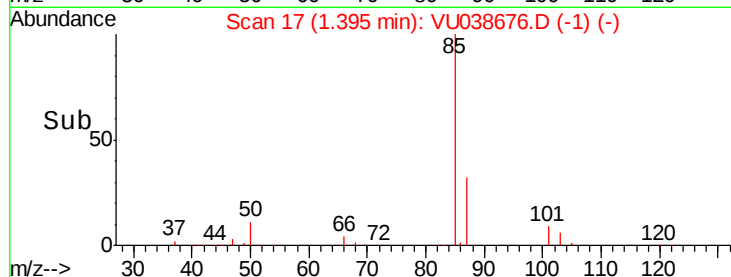
85 100

87 32.1 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU038676.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU038676.D (-1) (-)



#3

Chloromethane

Concen: 47.527 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU038676.D

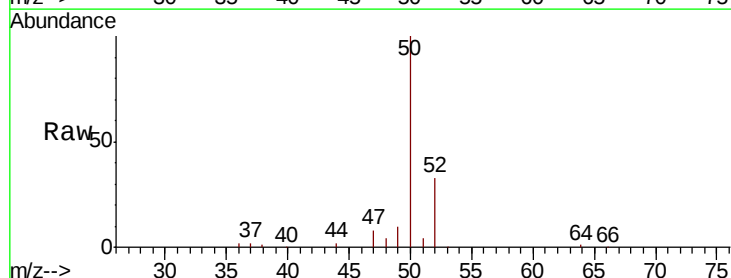
Acq: 08 Jun 2020 18:09

Tgt Ion: 50 Resp: 223207

Ion Ratio Lower Upper

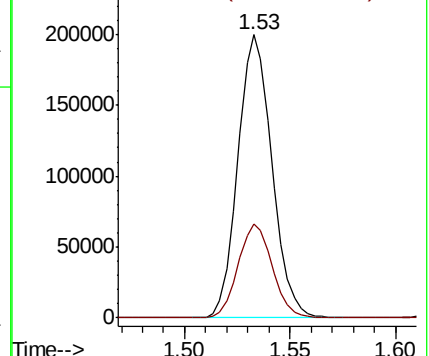
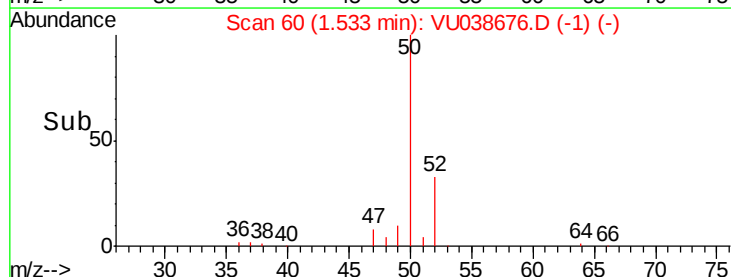
50 100

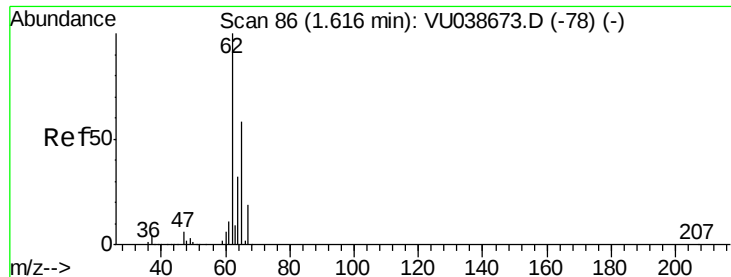
52 33.0 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VU038676.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU038676.D (-1) (-)





#5

Vinyl chloride

Concen: 47.223 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

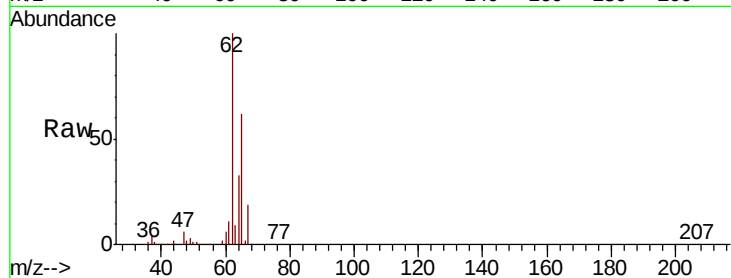
VICV35

Tot Ion: 62 Resp: 232274

Ion Ratio Lower Upper

62 100

64 33.2 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU038676.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU038676.D (-1) (-)

1.62

200000

150000

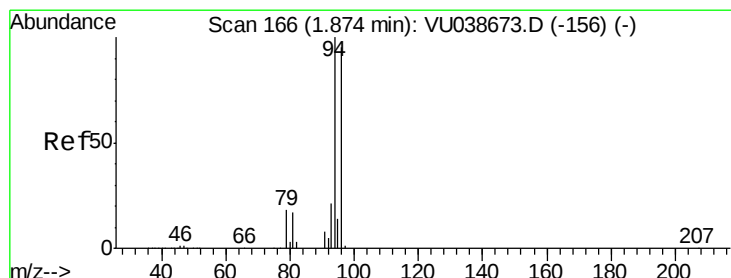
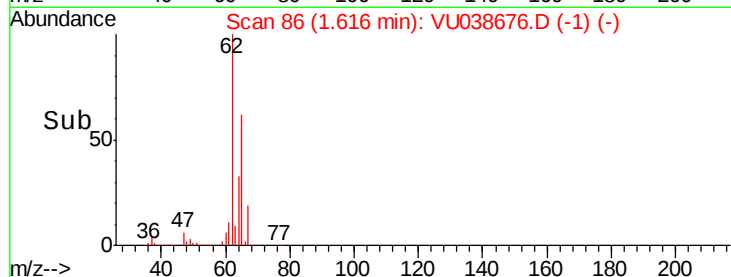
100000

50000

0

1.55 1.60 1.65 1.70

Time-->



#6

Bromomethane

Concen: 50.559 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU038676.D

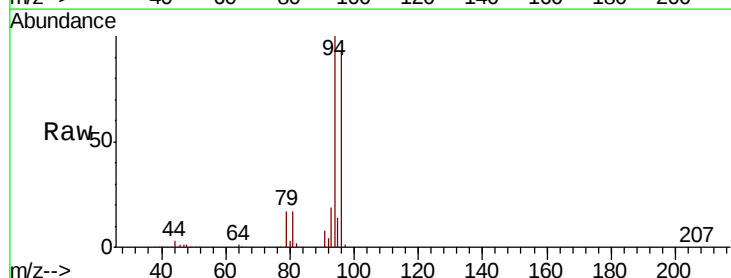
Acq: 08 Jun 2020 18:09

Tgt Ion: 94 Resp: 129515

Ion Ratio Lower Upper

94 100

96 92.9 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VU038676.D (-73) (-)

Ion 96.00 (95.70 to 96.70): VU038676.D (-73) (-)

1.87

120000

100000

80000

60000

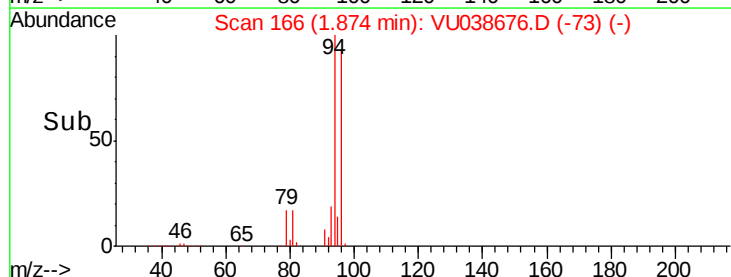
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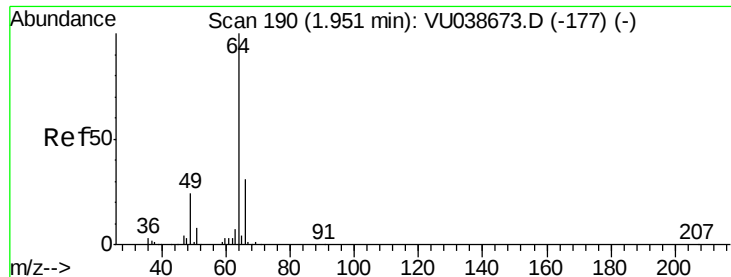
20000

0

1.85 1.90

Time-->





#8

Chloroethane

Concen: 48.536 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

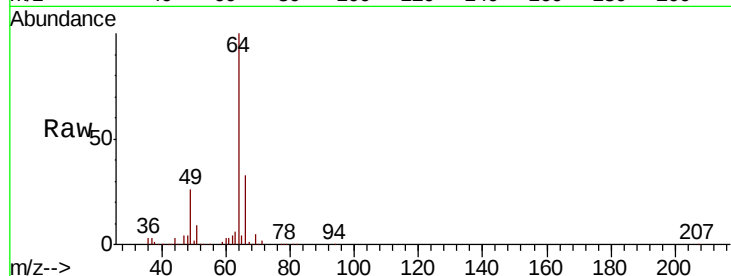
VICV35

Tot Ion: 64 Resp: 139655

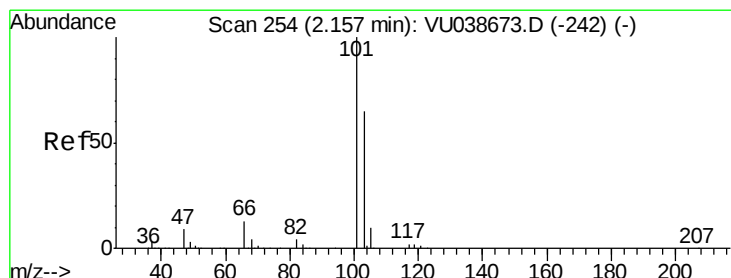
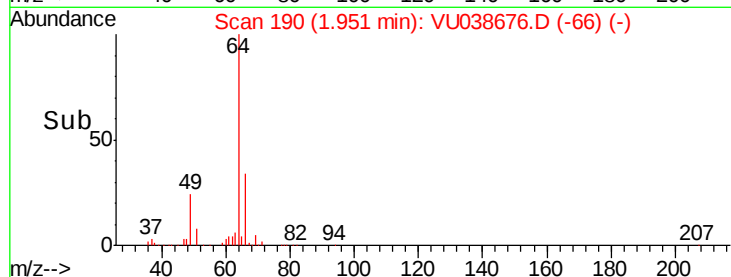
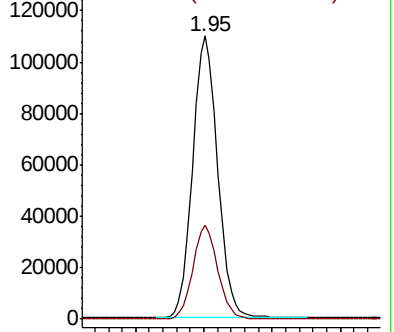
Ion Ratio Lower Upper

64 100

66 33.4 21.6 40.2



Abundance Ion 64.00 (63.70 to 64.70): VU038673.D (-177) (-)



#9

Trichlorofluoromethane

Concen: 46.009 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU038676.D

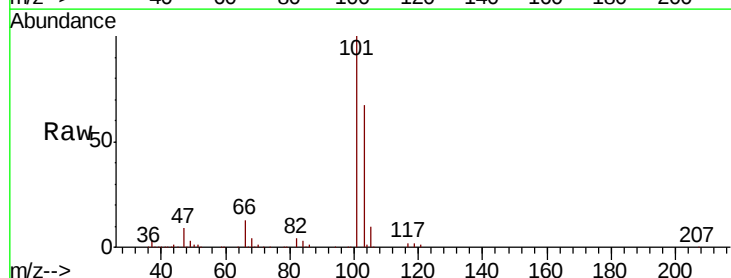
Acq: 08 Jun 2020 18:09

Tgt Ion: 101 Resp: 311654

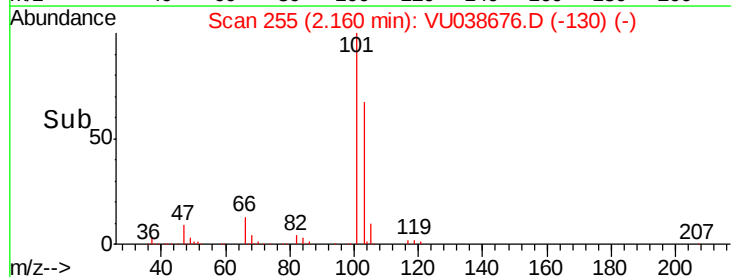
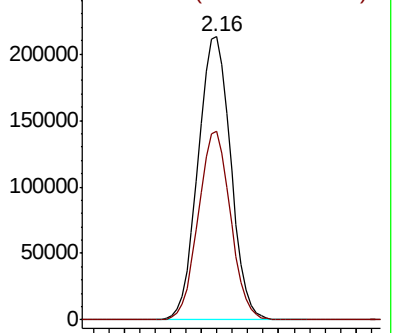
Ion Ratio Lower Upper

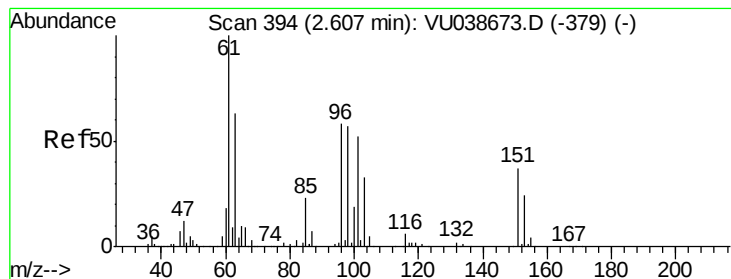
101 100

103 65.5 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): VU038673.D (-242) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 45.317 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

VICV35

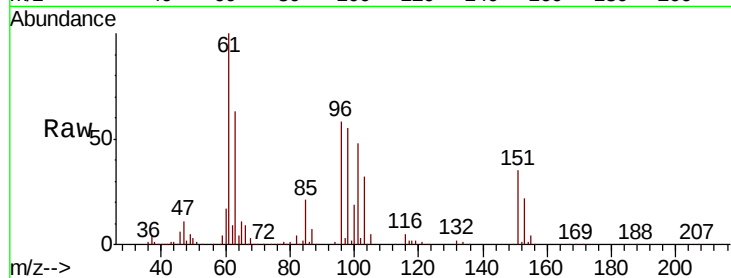
Tot Ion:101 Resp: 178923

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

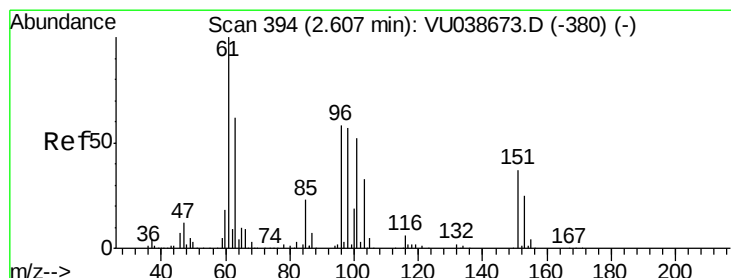
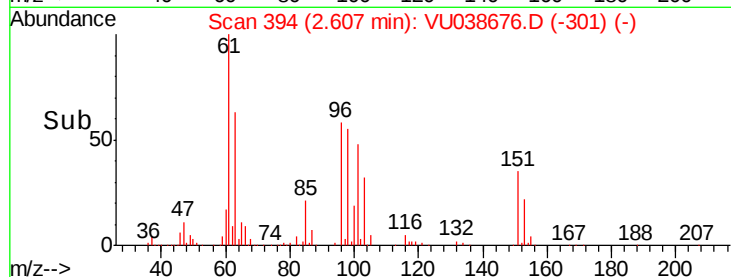
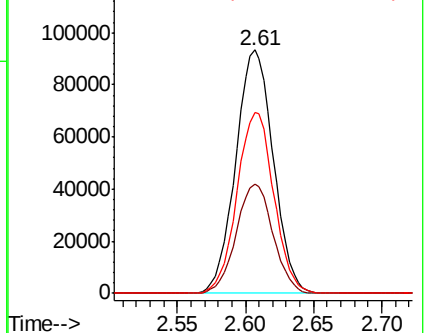
151 72.6 57.4 86.0



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



#12

1,1-Dichloroethene

Concen: 48.250 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

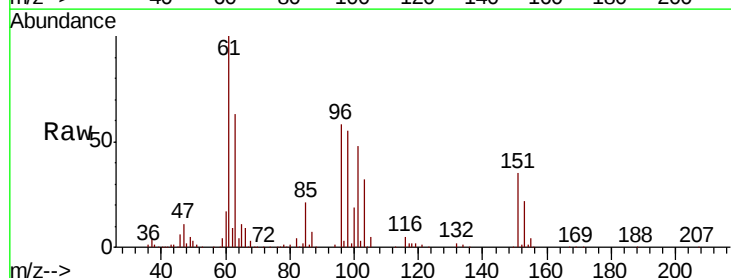
Tgt Ion: 96 Resp: 187759

Ion Ratio Lower Upper

96 100

61 172.7 120.0 223.0

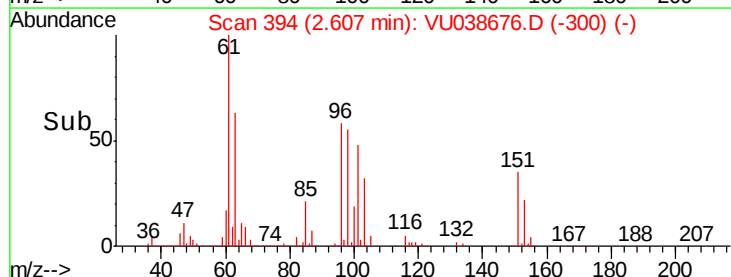
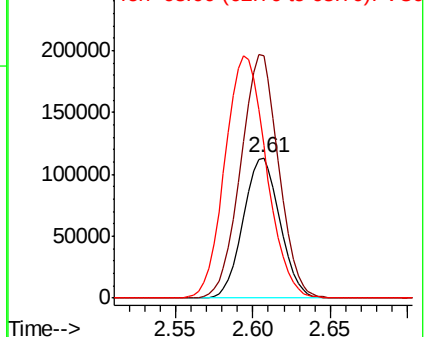
63 109.1 75.8 140.8

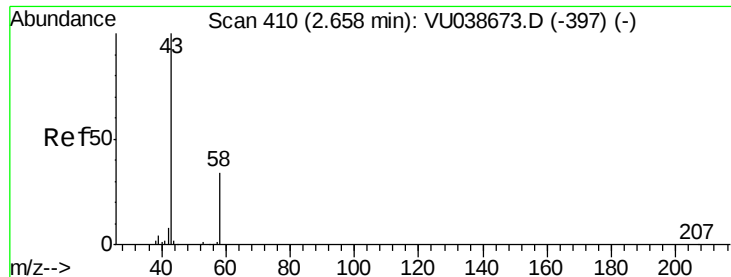


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 95.808 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

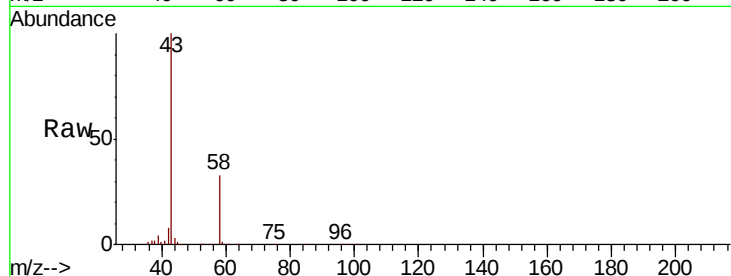
VICV35

Tot Ion: 43 Resp: 257992

Ion Ratio Lower Upper

43 100

58 32.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038676.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU038676.D (-317) (-)

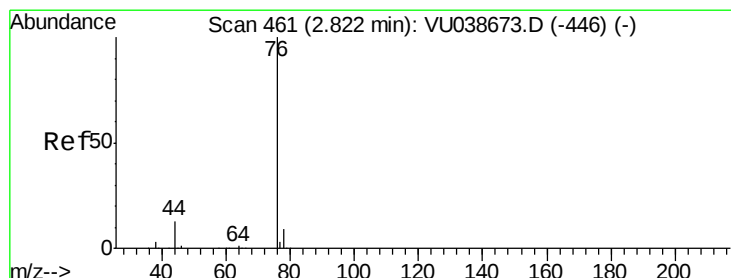
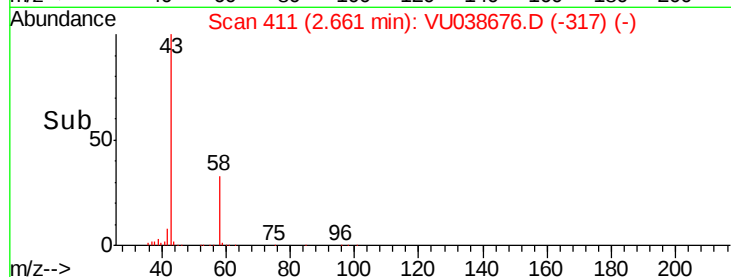
2.66

100000

50000

0

Time-->



#14

Carbon disulfide

Concen: 48.027 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038676.D

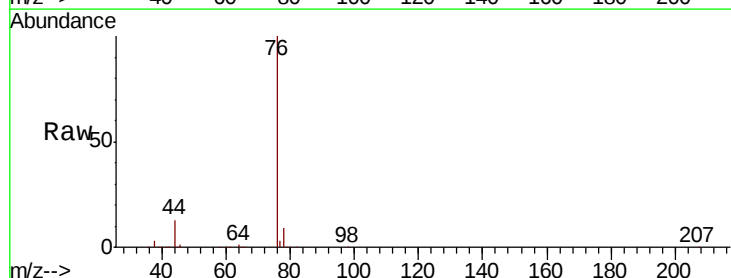
Acq: 08 Jun 2020 18:09

Tgt Ion: 76 Resp: 605192

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU038676.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU038676.D (-367) (-)

2.82

400000

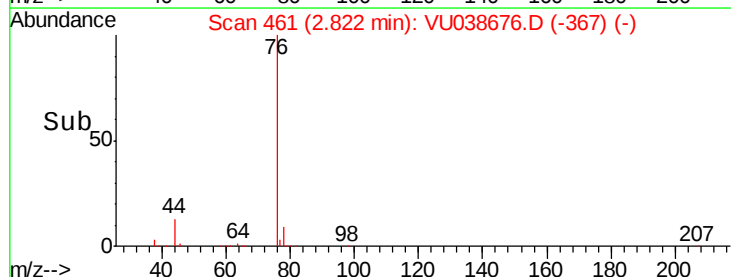
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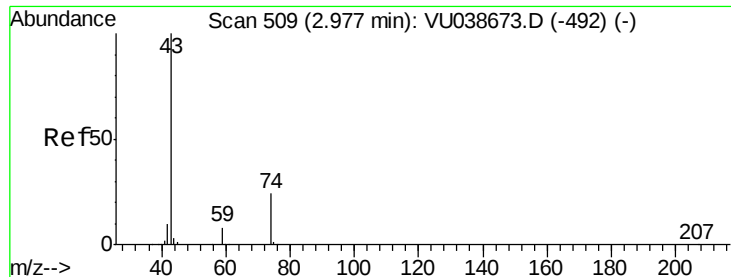
200000

100000

0

Time-->





#15

Methyl Acetate

Concen: 49.648 ug/L

RT: 2.98 min Scan# 510

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

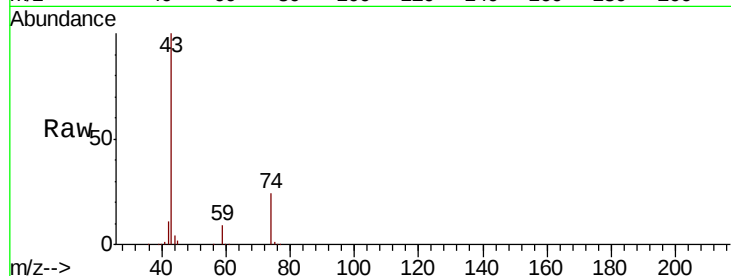
VICV35

Tot Ion: 43 Resp: 279381

Ion Ratio Lower Upper

43 100

74 25.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VU038676.D (-416) (-)

Ion 74.00 (73.70 to 74.70): VU038676.D (-416) (-)

2.98

150000

100000

50000

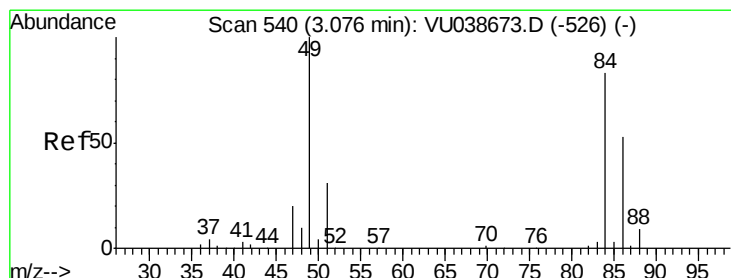
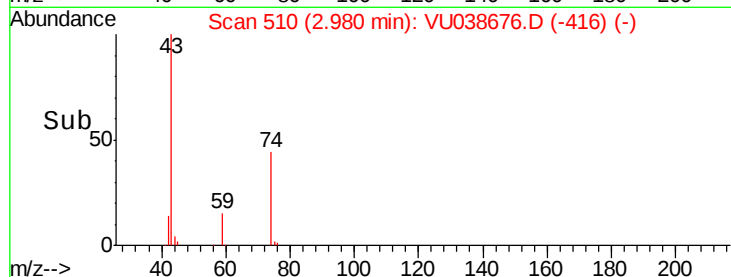
0

2.90

3.00

3.10

Time-->



#16

Methylene chloride

Concen: 47.970 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

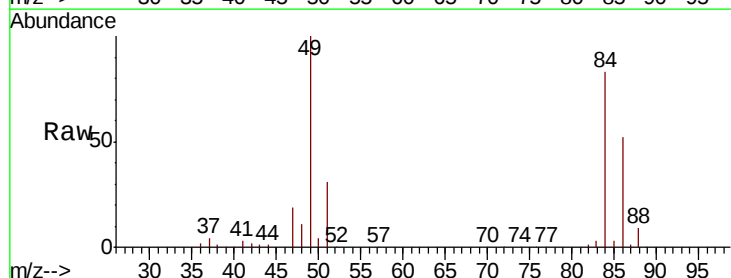
Tgt Ion: 84 Resp: 221629

Ion Ratio Lower Upper

84 100

86 62.9 44.7 83.1

49 121.1 84.5 156.9



Abundance Ion 84.00 (83.70 to 84.70): VU038676.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038676.D (-447) (-)

Ion 49.00 (48.70 to 49.70): VU038676.D (-447) (-)

3.08

200000

150000

100000

50000

0

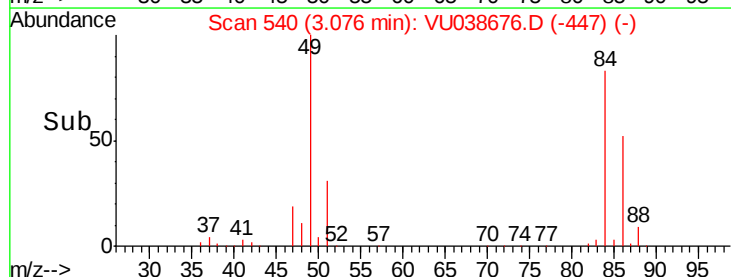
3.00

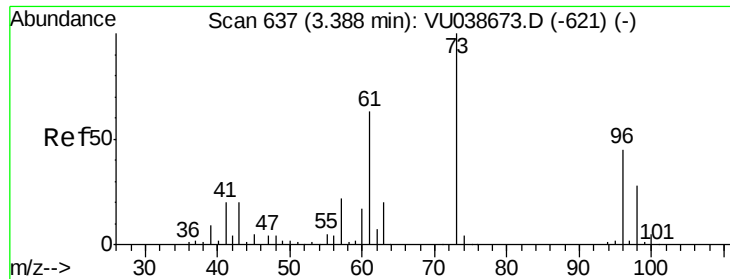
3.05

3.10

3.15

Time-->

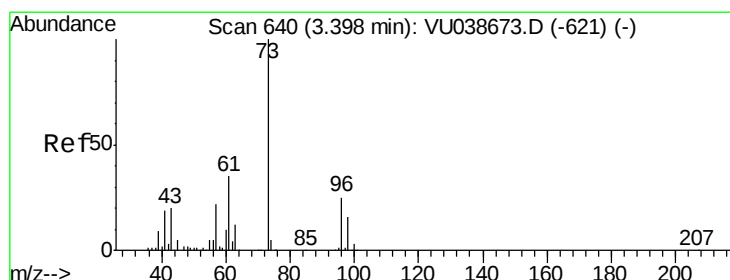
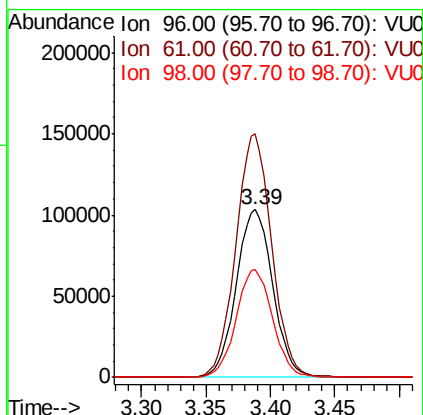
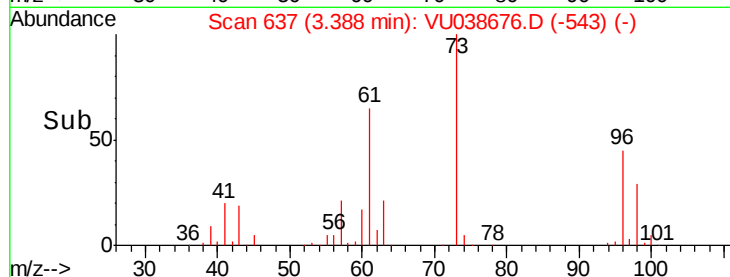
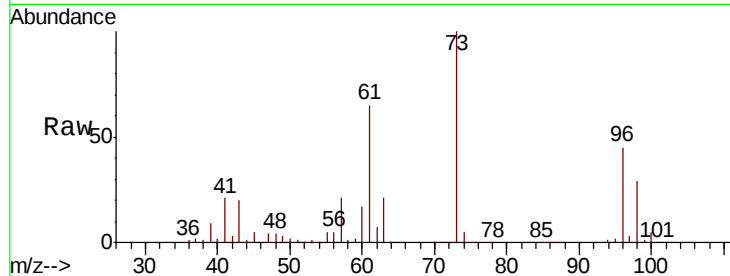




#17
trans-1,2-Dichloroethene
Concen: 47.868 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU038676.D
Acq: 08 Jun 2020 18:09

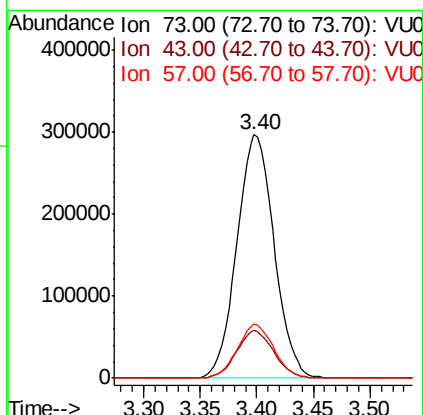
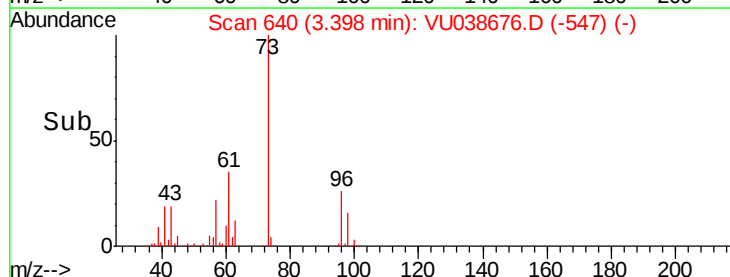
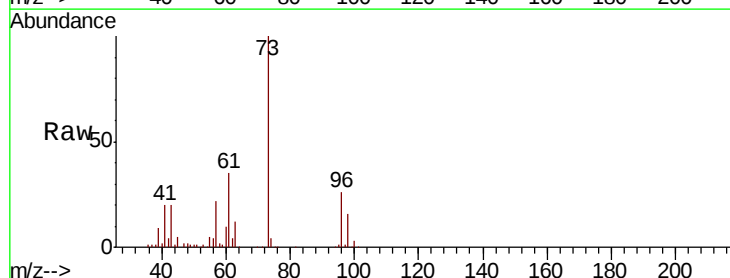
Instrument :
MSVOA_U
ClientSampled :
VICV35

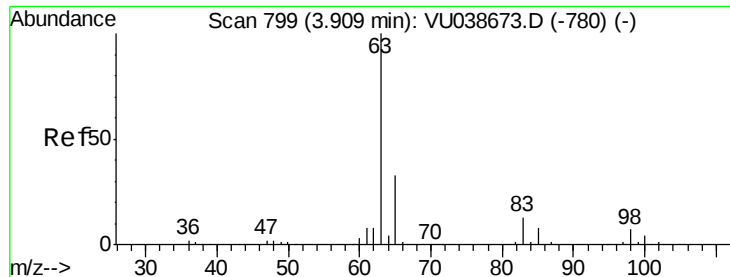
Tot Ion: 96 Resp: 203836
Ion Ratio Lower Upper
96 100
61 145.0 98.2 182.4
98 64.0 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 49.448 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038676.D
Acq: 08 Jun 2020 18:09

Tgt Ion: 73 Resp: 680818
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 47.901 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampled :

VICV35

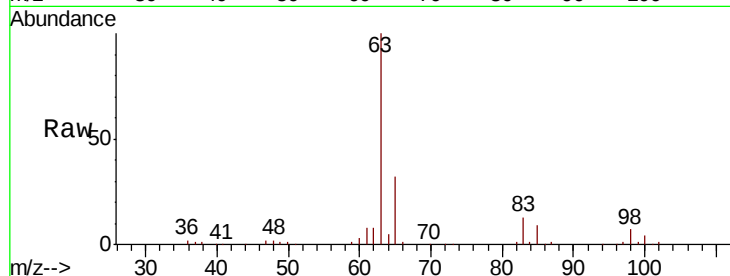
Tot Ion: 63 Resp: 386506

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.8

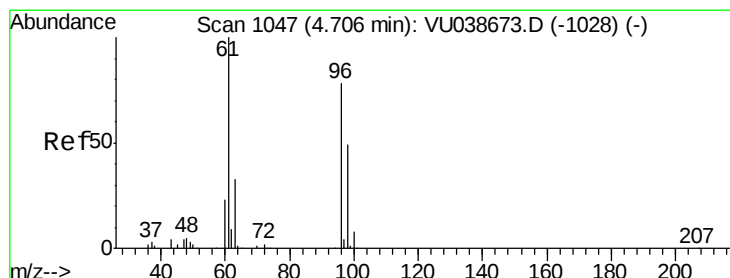
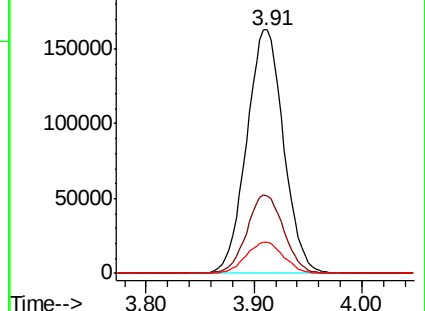
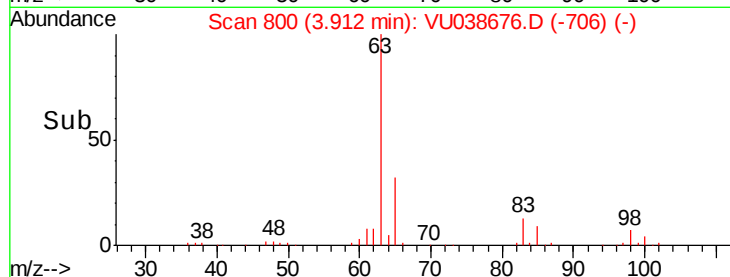
83 12.7 9.2 17.2



Abundance Ion 63.00 (62.70 to 63.70): VU038676.D (-706) (-)

Ion 65.00 (64.70 to 65.70): VU038676.D (-706) (-)

Ion 83.00 (82.70 to 83.70): VU038676.D (-706) (-)



#20

cis-1,2-Dichloroethene

Concen: 47.948 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

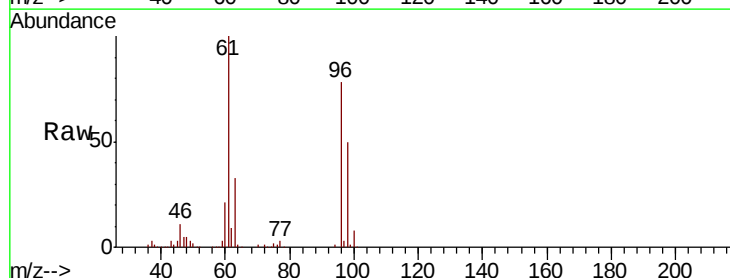
Tgt Ion: 96 Resp: 225700

Ion Ratio Lower Upper

96 100

61 127.8 89.5 166.1

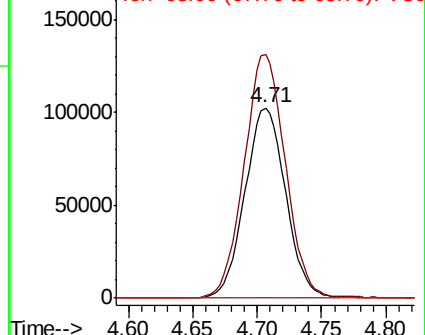
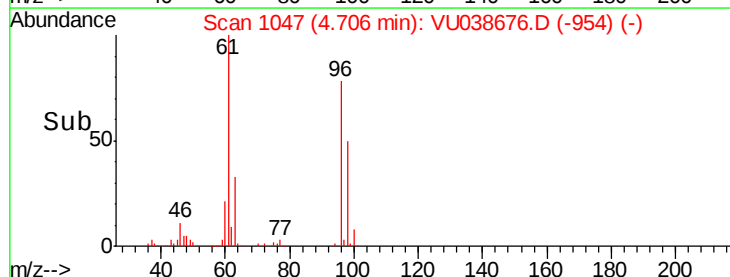
68 0.0 0.0 0.0

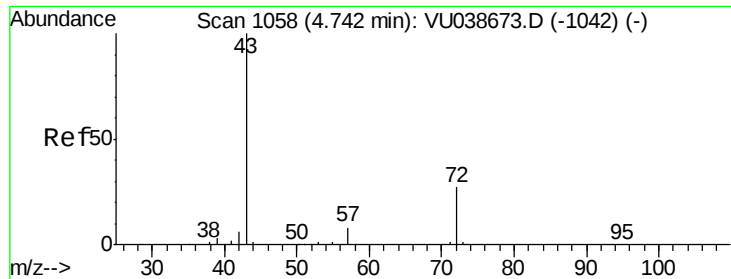


Abundance Ion 96.00 (95.70 to 96.70): VU038676.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU038676.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU038676.D (-954) (-)





#22

2-Butanone

Concen: 101.406 ug/L

RT: 4.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

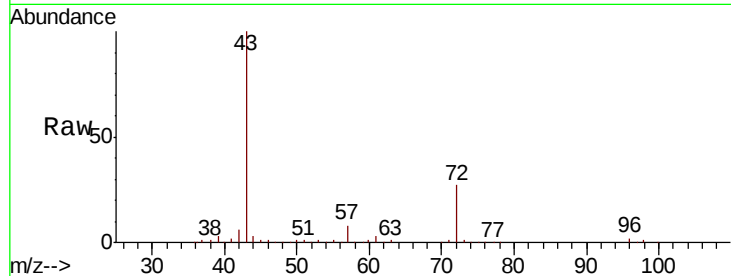
VICV35

Tot Ion: 43 Resp: 418768

Ion Ratio Lower Upper

43 100

72 27.9 14.1 42.3



Abundance Ion 43.00 (42.70 to 43.70): VU038676.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU038676.D (-966) (-)

4.74

200000

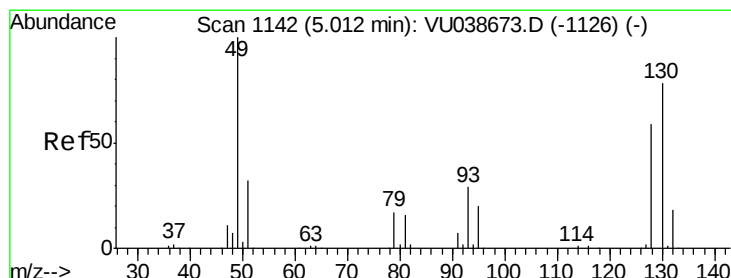
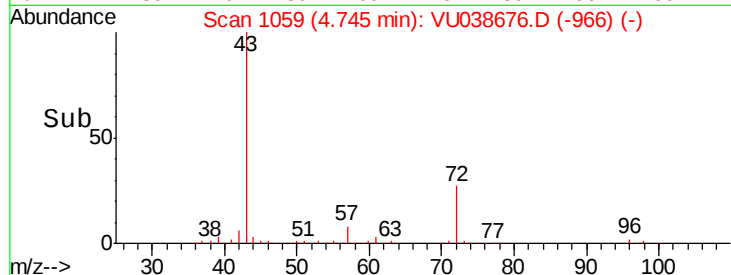
150000

100000

50000

0

Time-->



#23

Bromochloromethane

Concen: 49.288 ug/L

RT: 5.01 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Tgt Ion:128 Resp: 114917

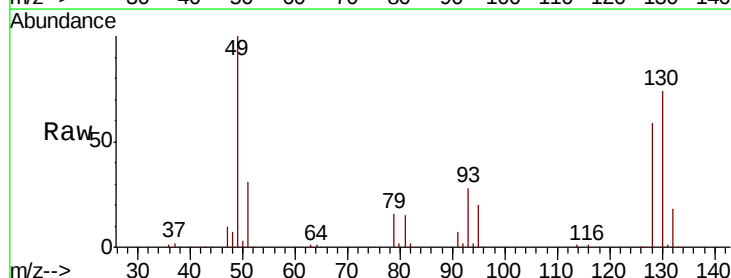
Ion Ratio Lower Upper

128 100

49 169.9 118.6 220.2

130 125.8 92.5 171.7

51 53.3 43.1 64.7



Abundance Ion 128.00 (127.70 to 128.70): VU038676.D (-1049) (-)

Ion 49.00 (48.70 to 49.70): VU038676.D (-1049) (-)

Ion 130.00 (129.70 to 130.70): VU038676.D (-1049) (-)

Ion 51.00 (50.70 to 51.70): VU038676.D (-1049) (-)

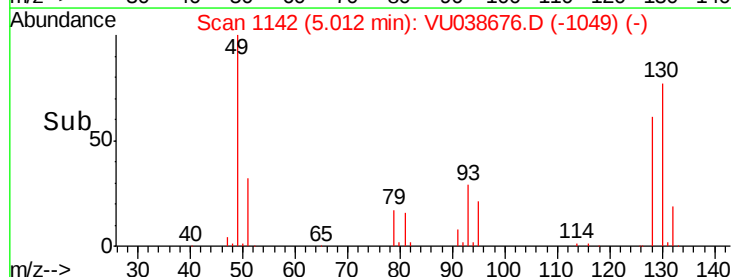
5.01

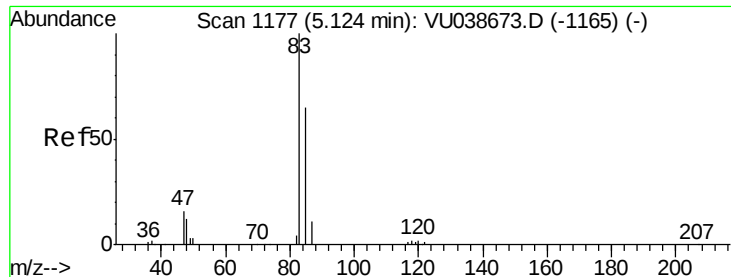
100000

50000

0

Time-->





#25

Chloroform

Concen: 47.928 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

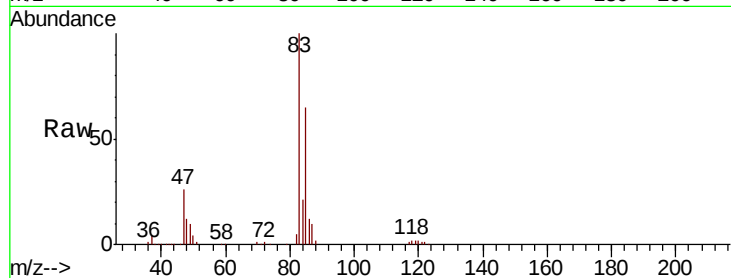
VICV35

Tot Ion: 83 Resp: 387036

Ion Ratio Lower Upper

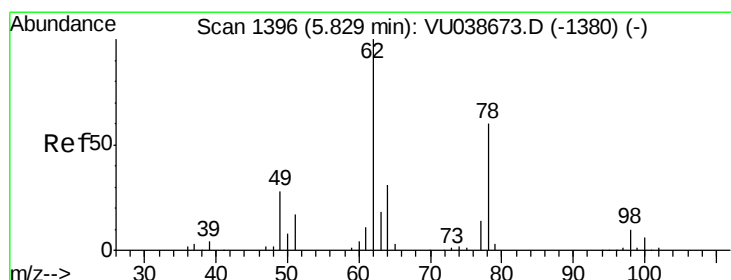
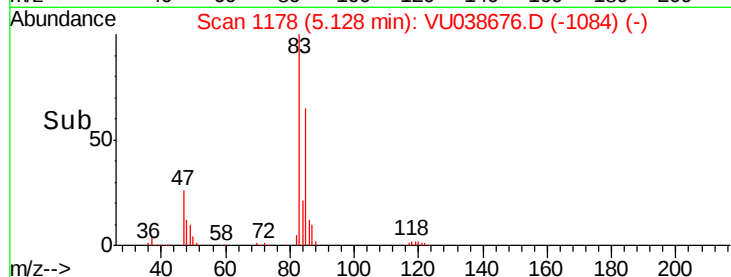
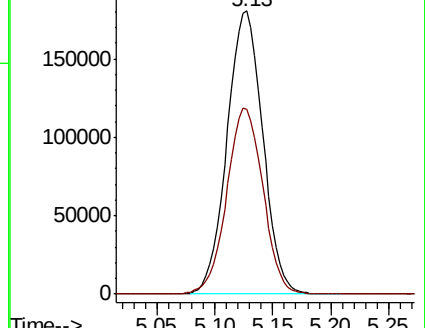
83 100

85 65.3 47.0 87.4



Abundance Ion 83.00 (82.70 to 83.70): VU038676.D (-1165) (-)

Ion 85.00 (84.70 to 85.70): VU038676.D (-1165) (-)



#27

1,2-Dichloroethane

Concen: 48.975 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038676.D

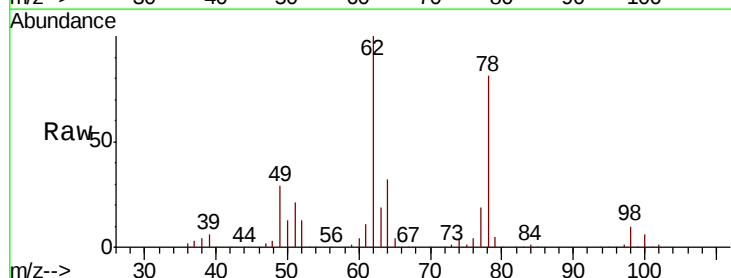
Acq: 08 Jun 2020 18:09

Tgt Ion: 62 Resp: 327172

Ion Ratio Lower Upper

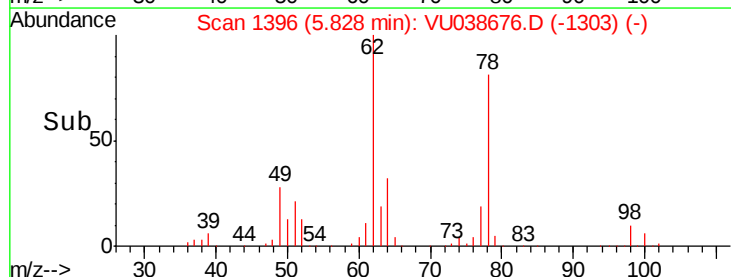
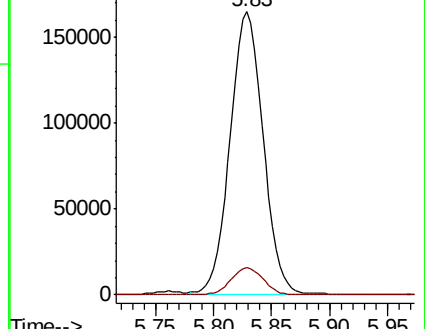
62 100

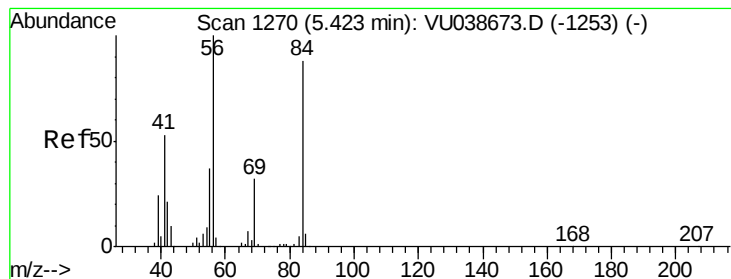
98 9.5 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038676.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU038676.D (-1380) (-)





#29

Cyclohexane

Concen: 46.243 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

VICV35

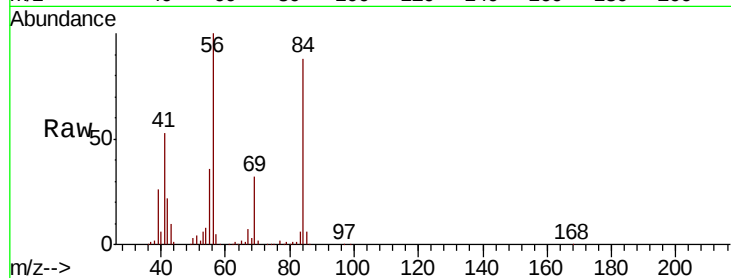
Tot Ion: 56 Resp: 313334

Ion Ratio Lower Upper

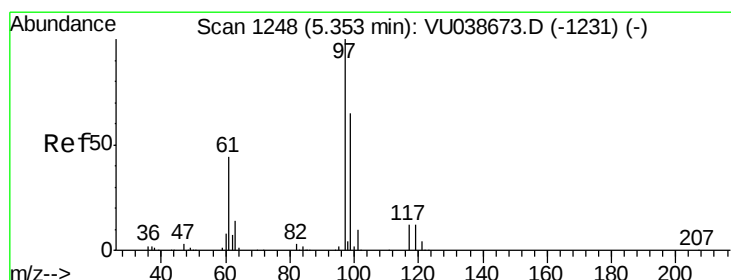
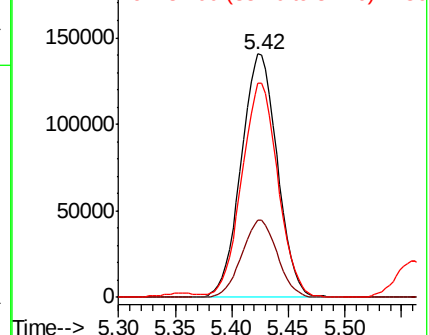
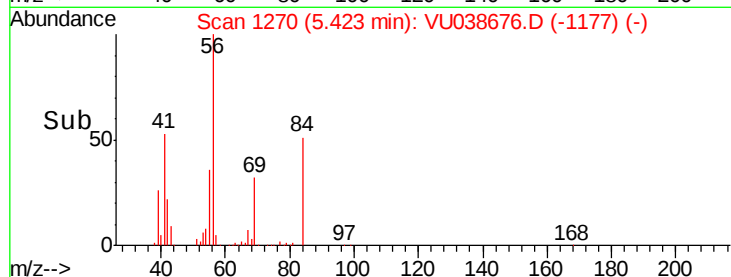
56 100

69 31.2 25.1 37.7

84 88.2 70.5 105.7



Abundance Ion 56.00 (55.70 to 56.70): VU038676.D (-1177) (-)



#30

1,1,1-Trichloroethane

Concen: 48.151 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

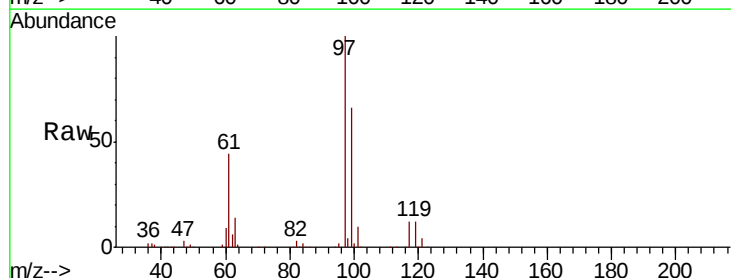
Tgt Ion: 97 Resp: 335080

Ion Ratio Lower Upper

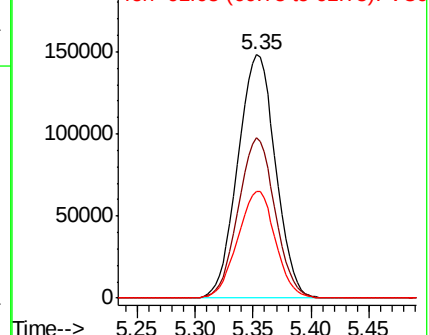
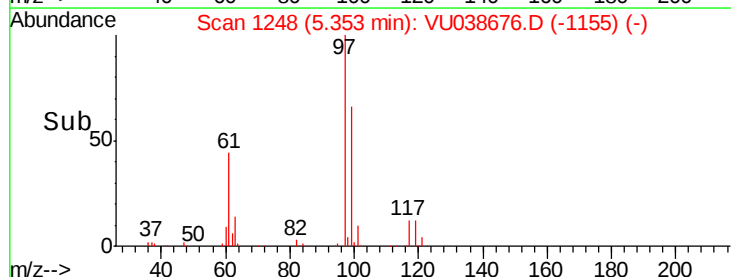
97 100

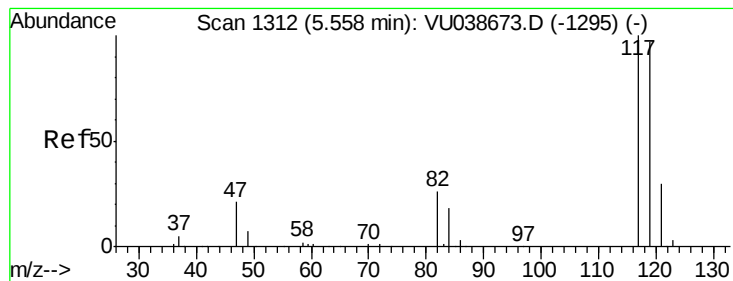
99 64.3 51.6 77.4

61 43.9 35.2 52.8



Abundance Ion 97.00 (96.70 to 97.70): VU038676.D (-1155) (-)





#31

Carbon tetrachloride

Concen: 47.321 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampled :

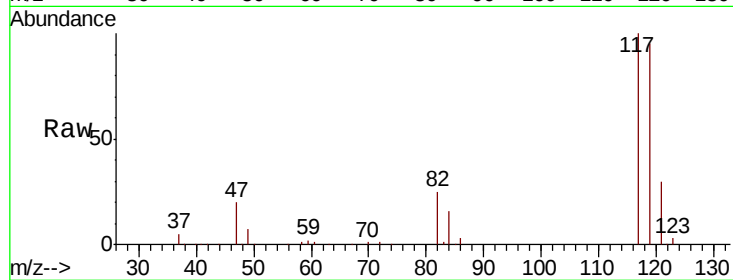
VICV35

Tot Ion:117 Resp: 272610

Ion Ratio Lower Upper

117 100

119 95.9 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

5.56

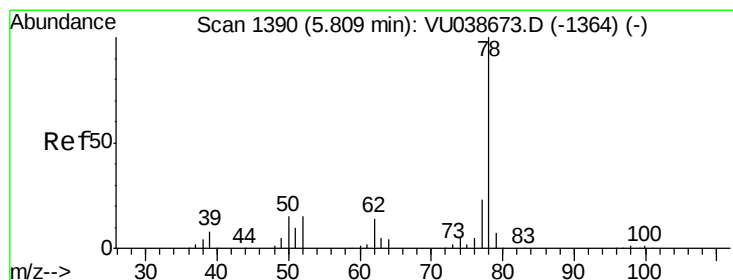
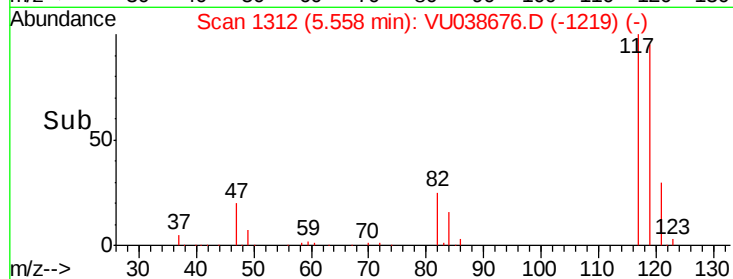
150000

100000

50000

0

Time-->



#33

Benzene

Concen: 49.063 ug/L

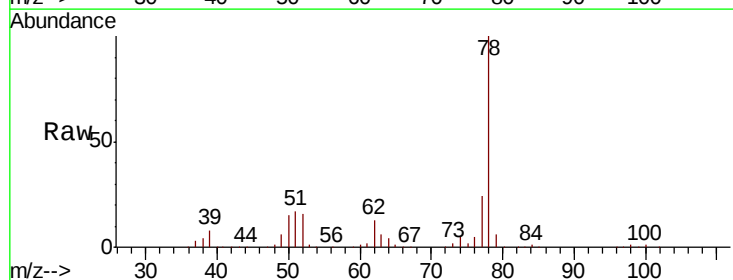
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Tgt Ion: 78 Resp: 862885



Abundance Ion 78.00 (77.70 to 78.70): VU0

5.81

500000

400000

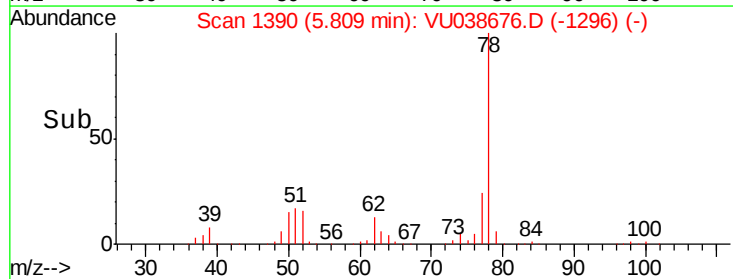
300000

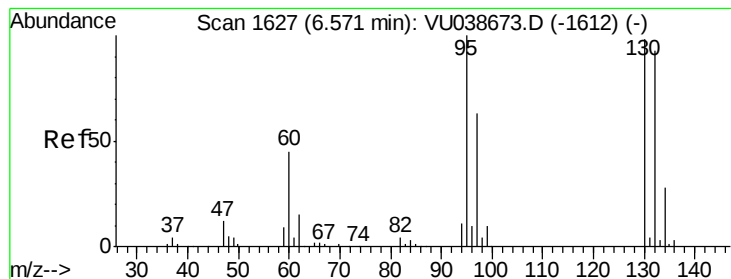
200000

100000

0

Time-->





#34

Trichloroethene

Concen: 47.867 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

VICV35

Tot Ion: 95 Resp: 214109

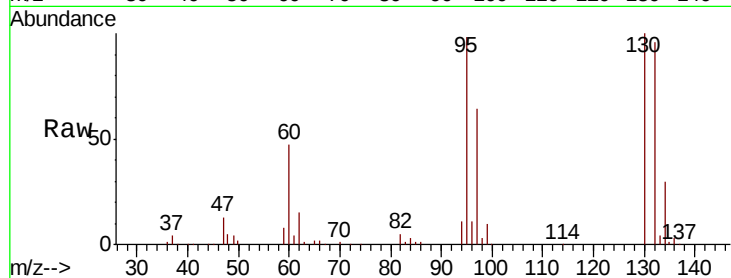
Ion Ratio Lower Upper

95 100

97 65.2 44.4 82.4

132 97.7 64.9 120.5

130 101.5 68.6 127.4

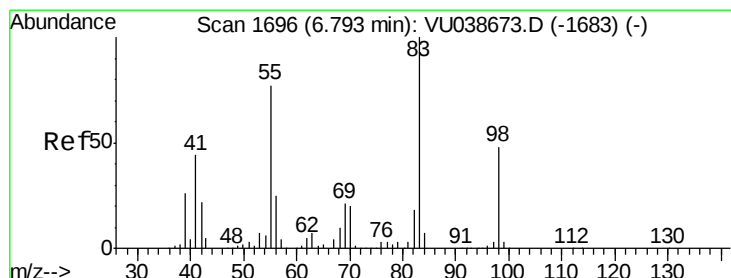
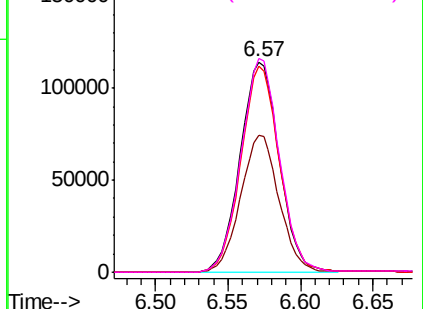
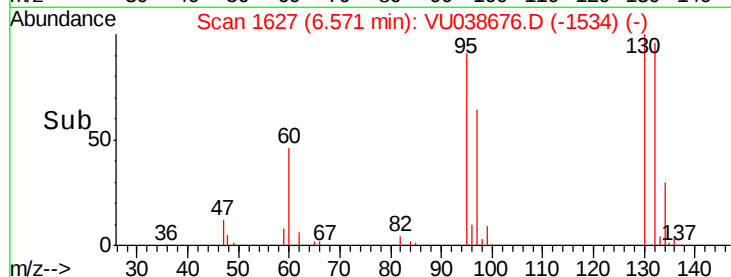


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 46.236 ug/L

RT: 6.79 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

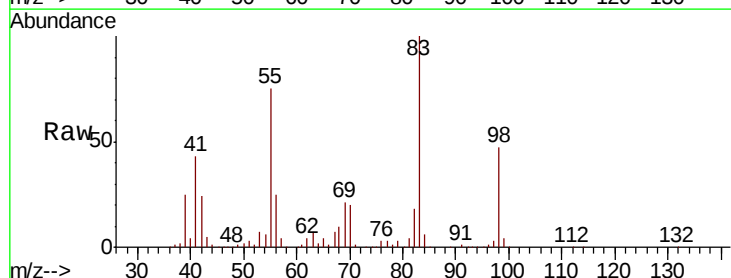
Tgt Ion: 83 Resp: 311903

Ion Ratio Lower Upper

83 100

55 77.3 63.2 94.8

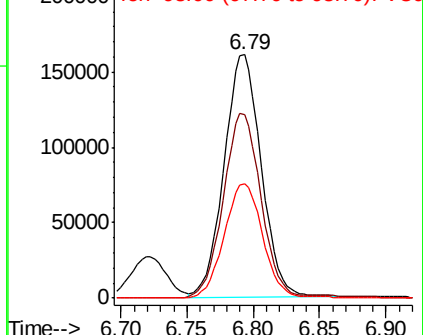
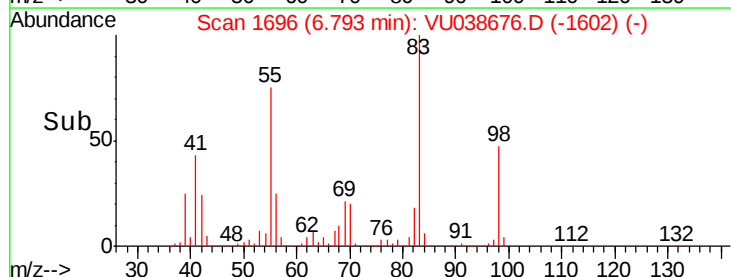
98 48.9 38.4 57.6

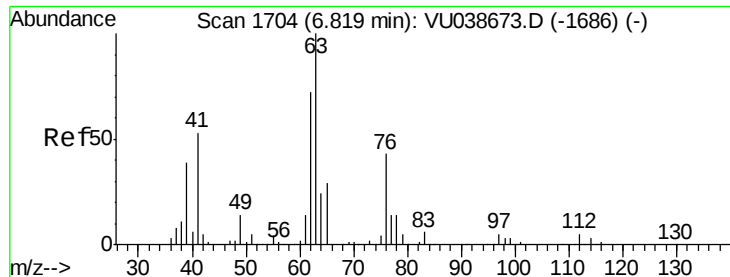


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

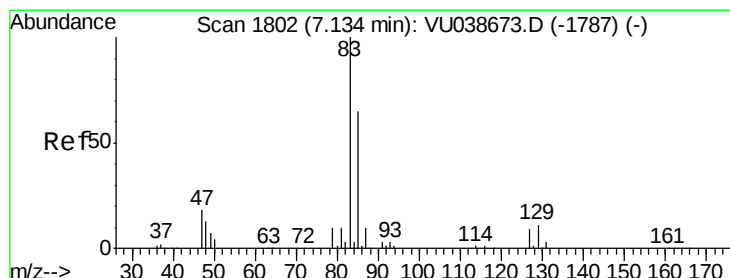
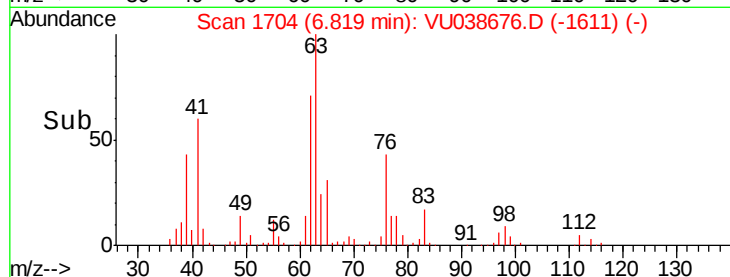
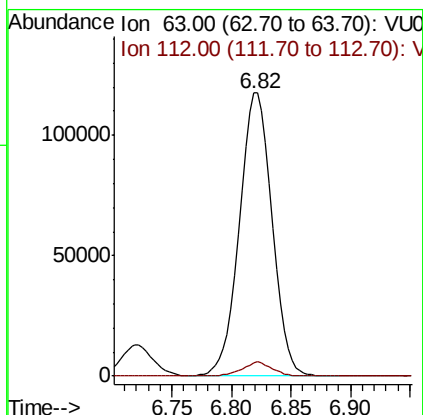
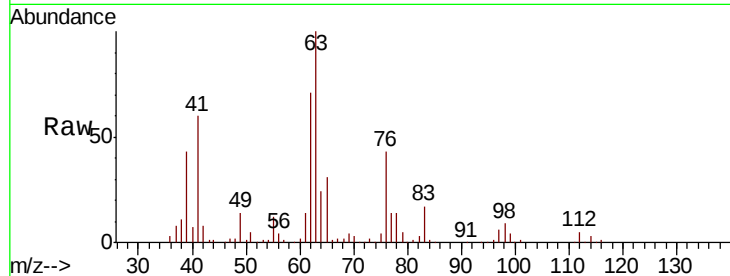




#37
 1,2-Dichloropropane
 Concen: 48.918 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

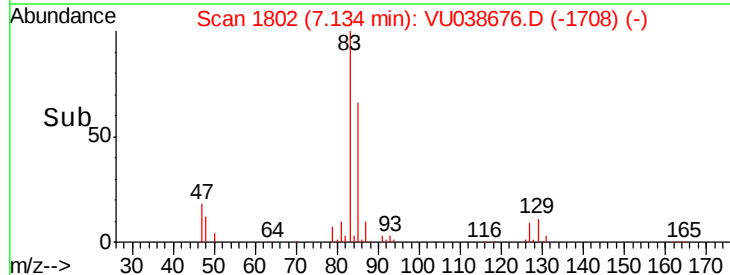
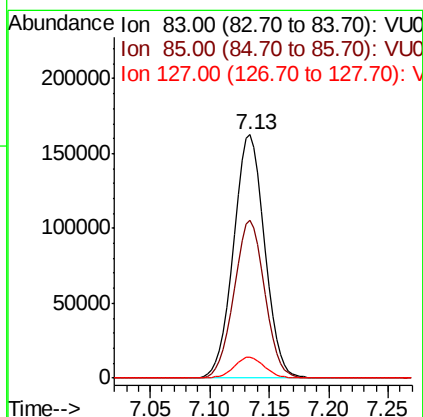
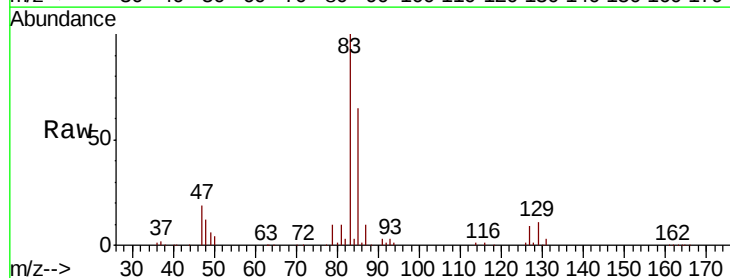
Instrument :
 MSVOA_U
 ClientSampled :
 VICV35

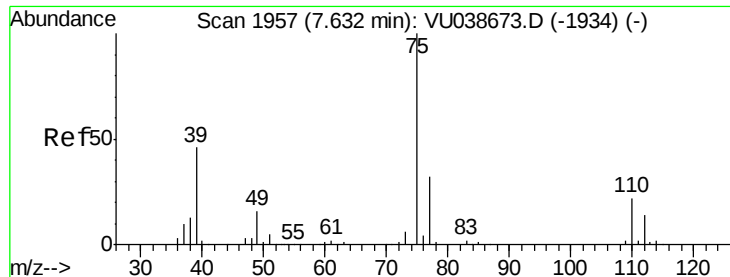
Tot Ion: 63 Resp: 224190
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.4 5.2



#38
 Bromodichloromethane
 Concen: 50.042 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

Tgt Ion: 83 Resp: 294002
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.1 83.9
 127 8.5 7.0 10.4

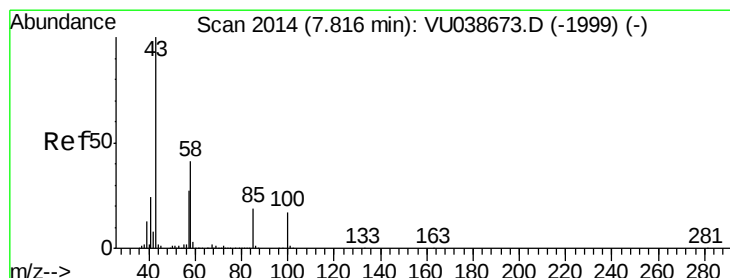
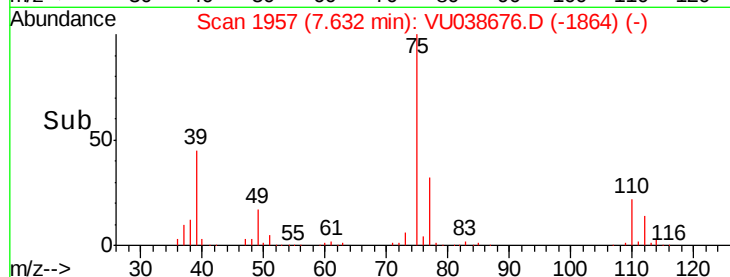
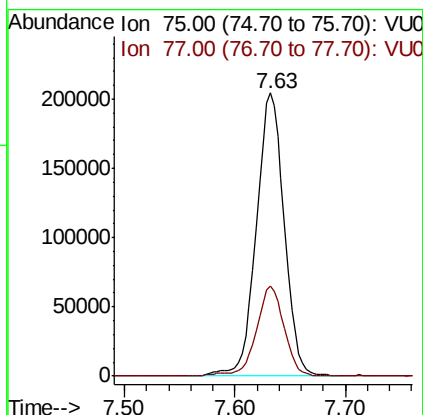
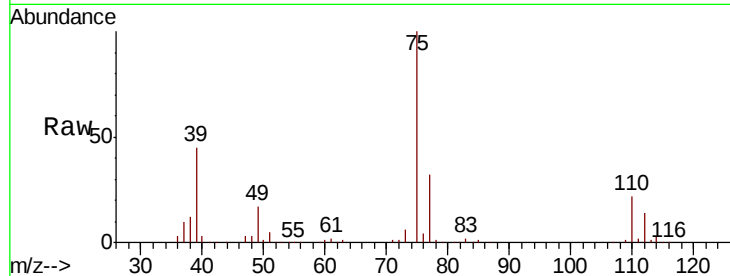




#39
 cis-1,3-Dichloropropene
 Concen: 50.581 ug/L
 RT: 7.63 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

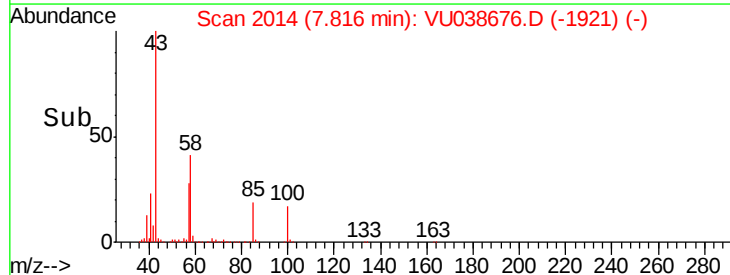
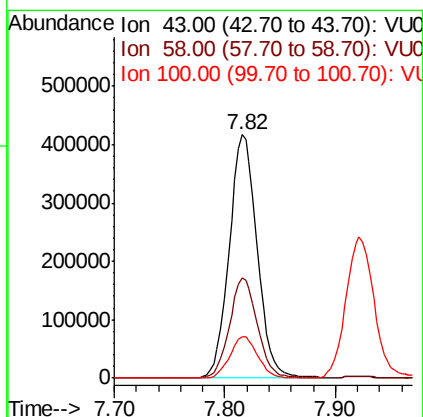
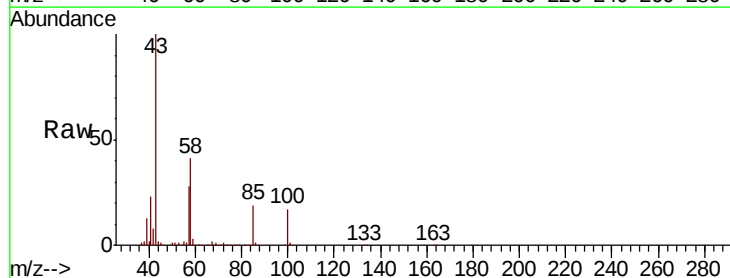
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV35

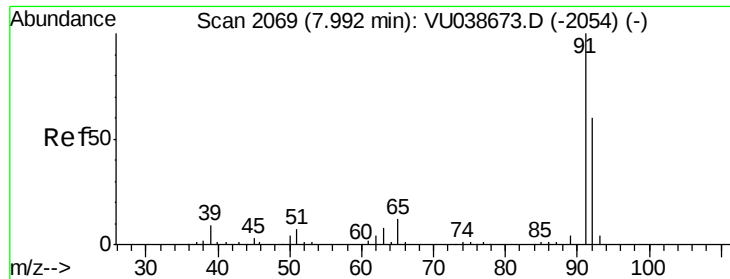
Tot Ion: 75 Resp: 357504
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 102.270 ug/L
 RT: 7.82 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

Tgt Ion: 43 Resp: 732737
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.0 49.4
 100 17.0 13.4 20.0





#42

Toluene

Concen: 48.977 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

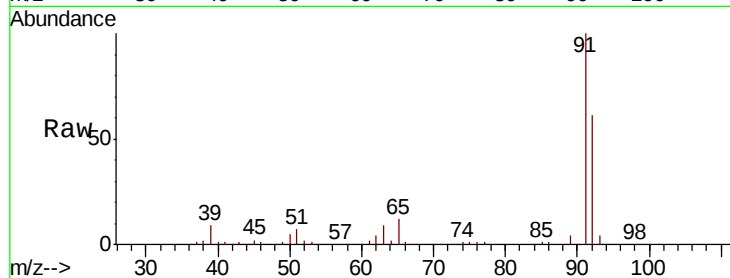
VICV35

Tot Ion: 91 Resp: 900655

Ion Ratio Lower Upper

91 100

92 60.5 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038673.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU038673.D (-2054) (-)

7.99

600000

500000

400000

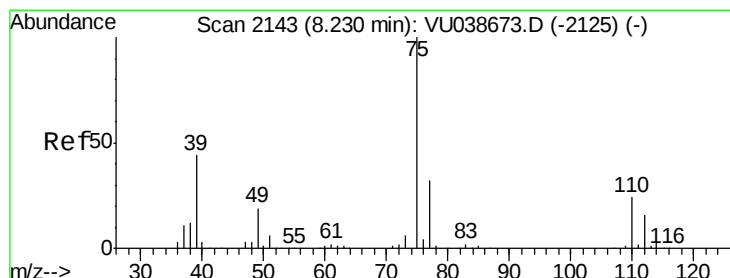
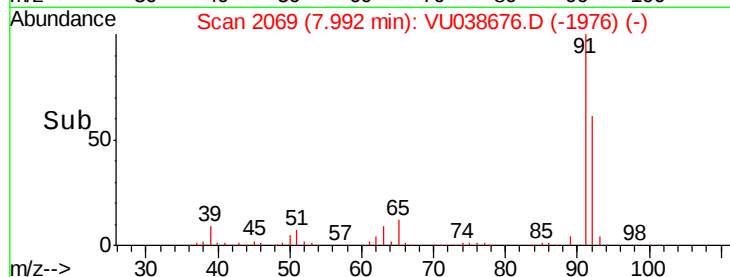
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 50.277 ug/L

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038676.D

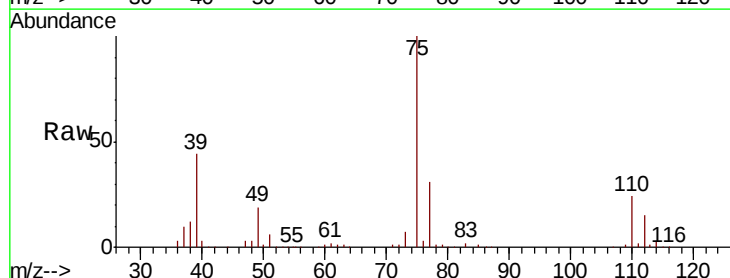
Acq: 08 Jun 2020 18:09

Tgt Ion: 75 Resp: 340375

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU038673.D (-2125) (-)

Ion 77.00 (76.70 to 77.70): VU038673.D (-2125) (-)

8.23

200000

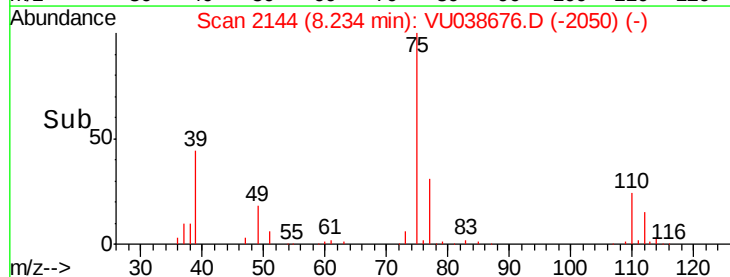
150000

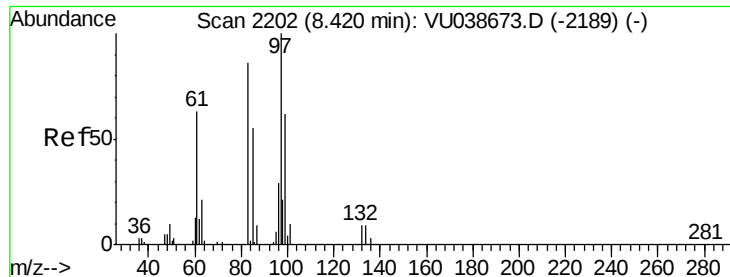
100000

50000

0

Time-->

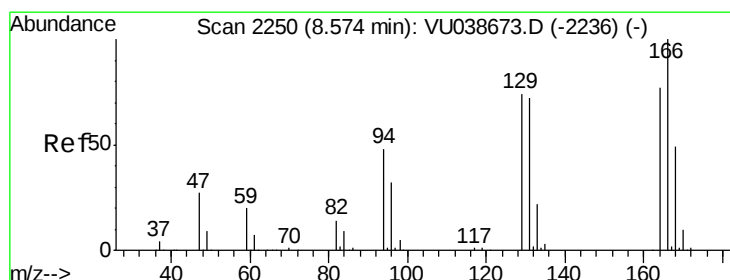
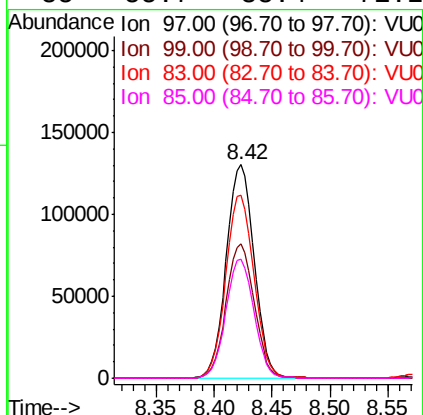
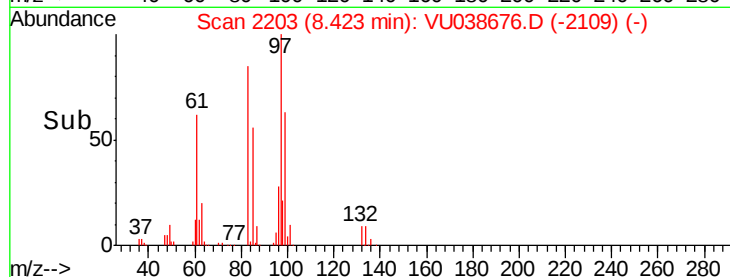
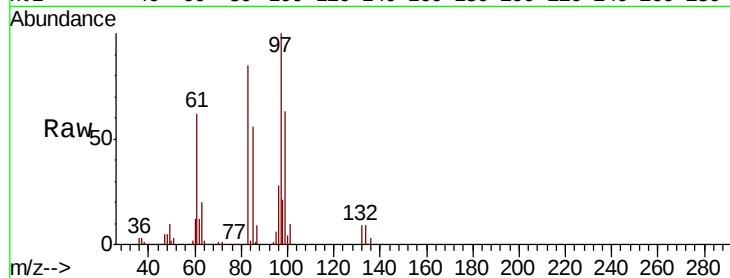




#45
 1,1,2-Trichloroethane
 Concen: 49.486 ug/L
 RT: 8.42 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

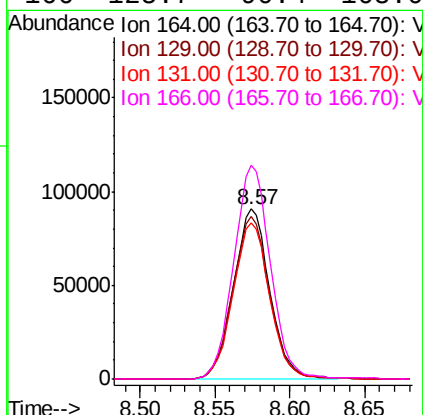
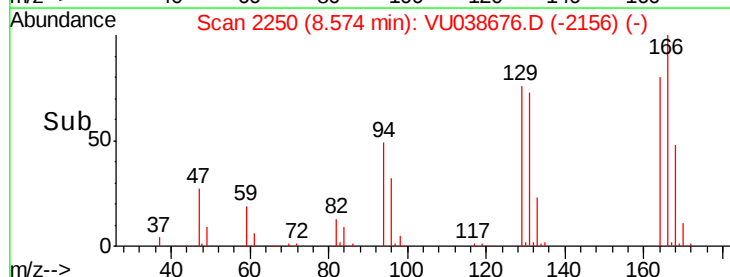
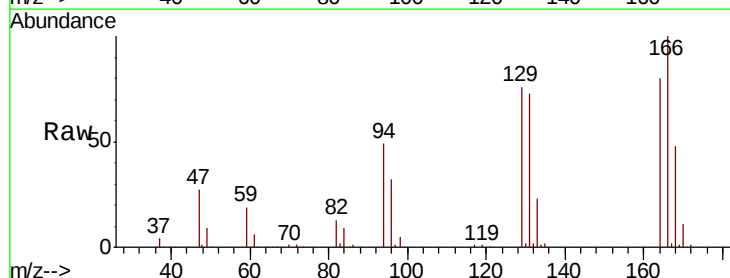
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV35

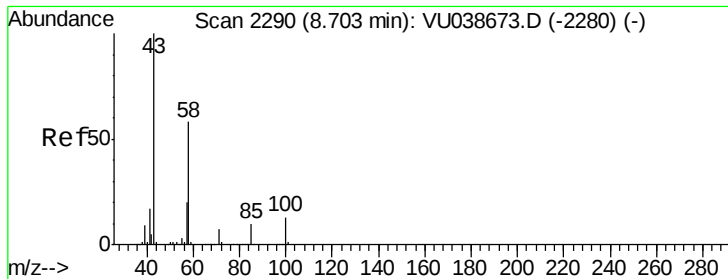
Tot Ion:	97	Resp:	218289
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.6	81.0
83	85.5	60.0	111.4
85	55.7	38.4	71.2



#46
 Tetrachloroethene
 Concen: 47.344 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

Tgt Ion:	164	Resp:	152778
Ion	Ratio	Lower	Upper
164	100		
129	95.5	67.2	124.8
131	92.3	65.5	121.6
166	125.7	90.4	168.0

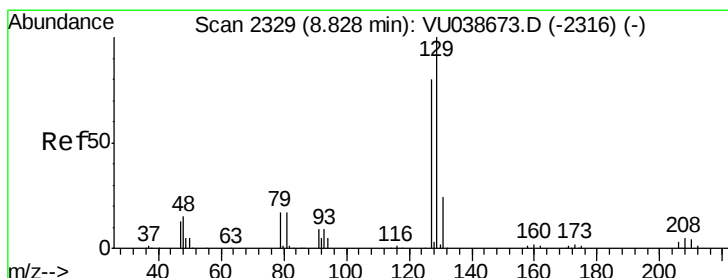
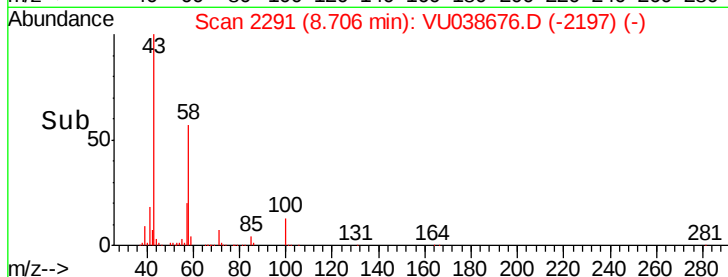
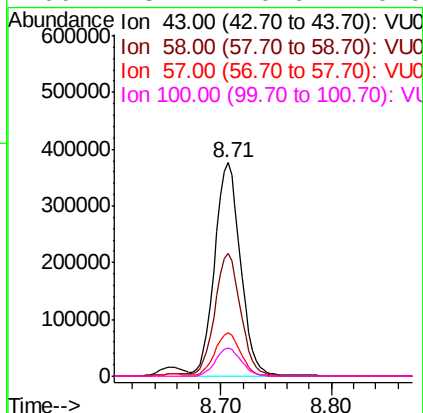
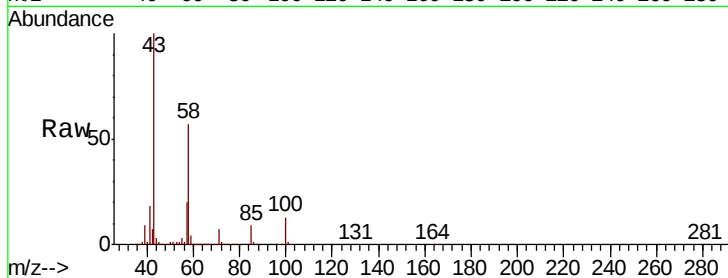




#48
2-Hexanone
Concen: 103.727 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038676.D
Acq: 08 Jun 2020 18:09

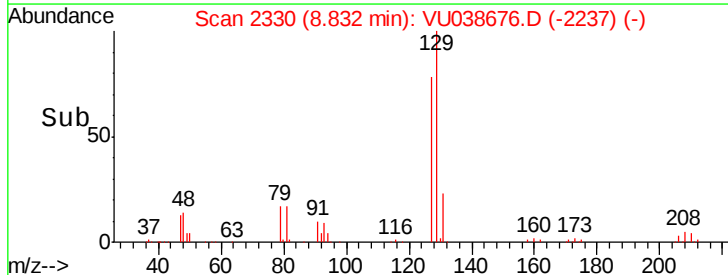
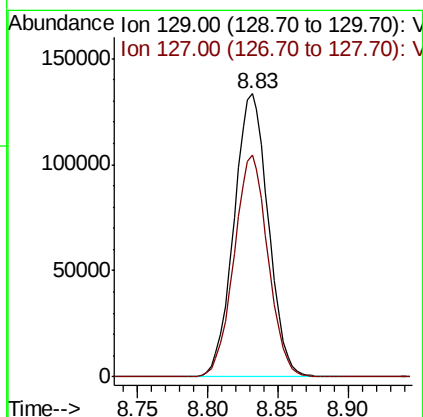
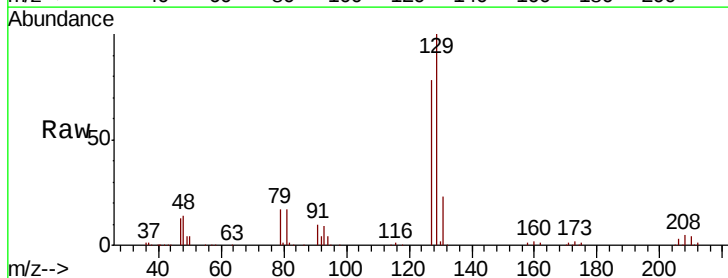
Instrument :
MSVOA_U
ClientSampled :
VICV35

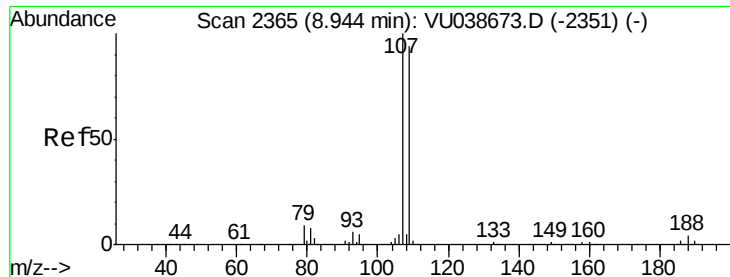
Tot Ion: 43 Resp: 614343
Ion Ratio Lower Upper
43 100
58 56.4 46.2 69.4
57 20.5 16.6 24.8
100 13.1 10.6 16.0



#49
Dibromochloromethane
Concen: 50.304 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU038676.D
Acq: 08 Jun 2020 18:09

Tgt Ion: 129 Resp: 227888
Ion Ratio Lower Upper
129 100
127 78.3 55.8 103.6

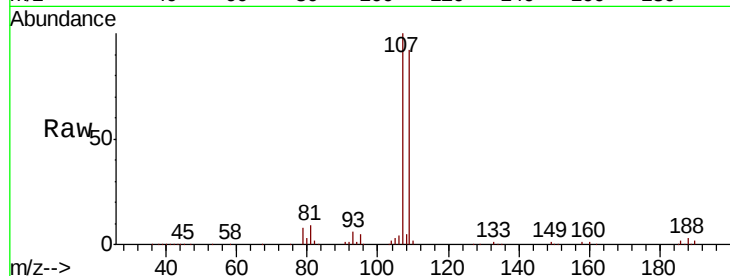




#50
1,2-Dibromoethane
Concen: 50.265 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. -0.00 min
Lab File: VU038676.D
Acq: 08 Jun 2020 18:09

Instrument :
MSVOA_U
ClientSampleId :
VICV35

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	65.9	122.5
188	3.3	2.9	4.3

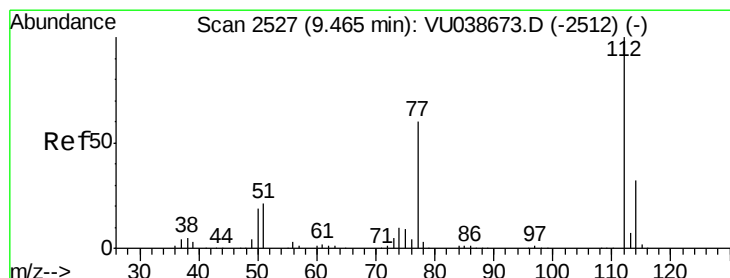
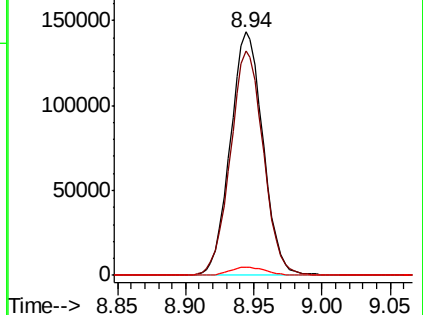
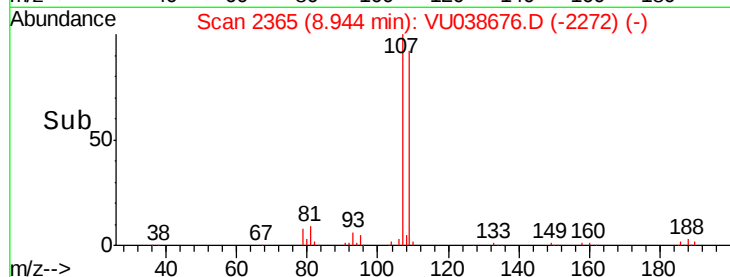


Abundance

Ion 107.00 (106.70 to 107.70): V

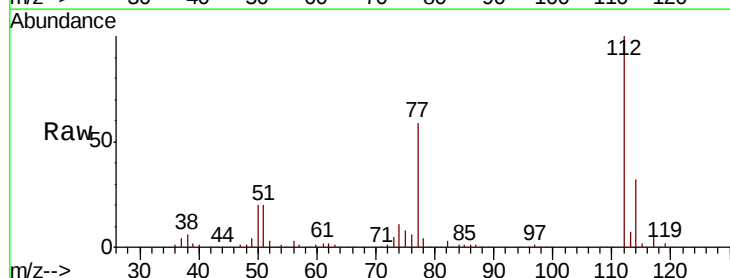
Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#51
Chlorobenzene
Concen: 48.263 ug/L
RT: 9.46 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038676.D
Acq: 08 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.2	41.2
77	59.3	47.9	71.9

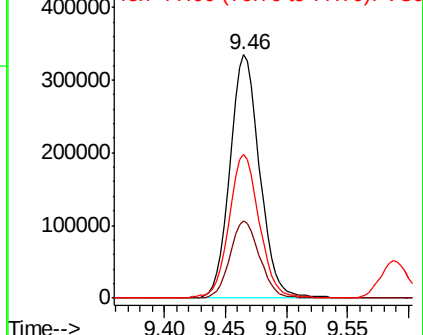
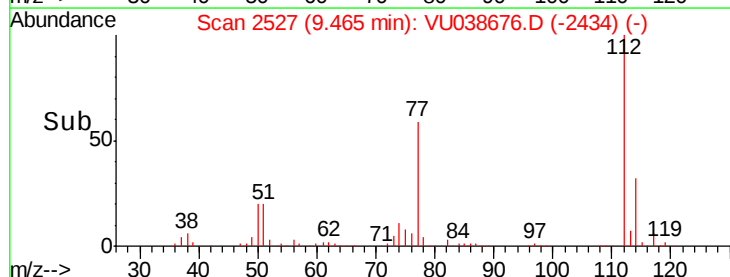


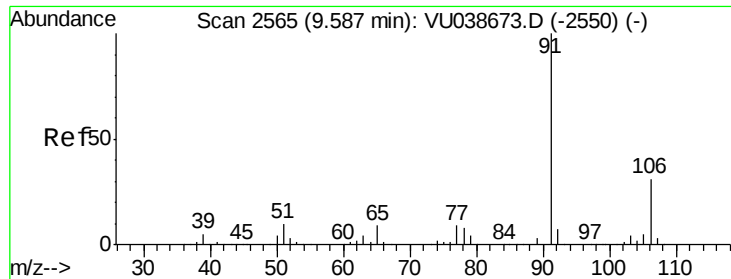
Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU





#52

Ethylbenzene

Concen: 48.518 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

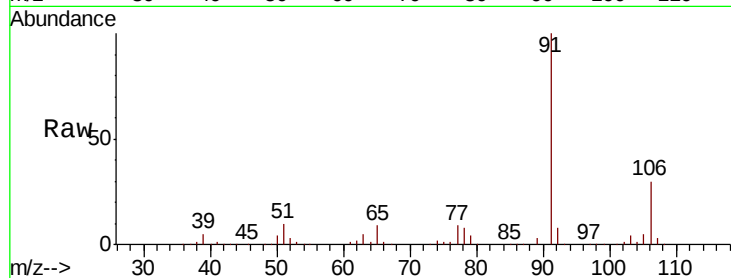
VICV35

Tot Ion: 91 Resp: 984685

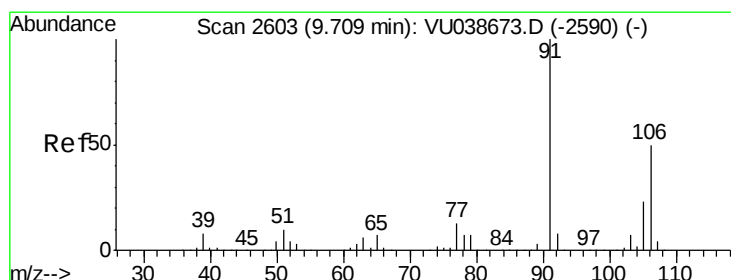
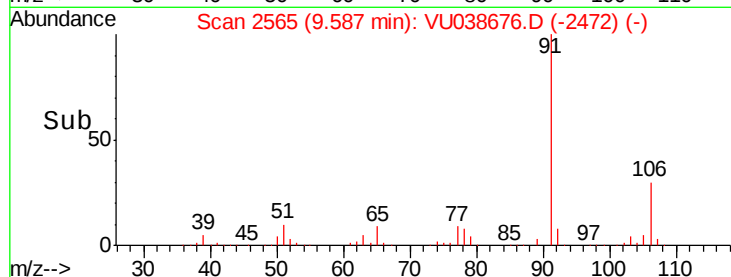
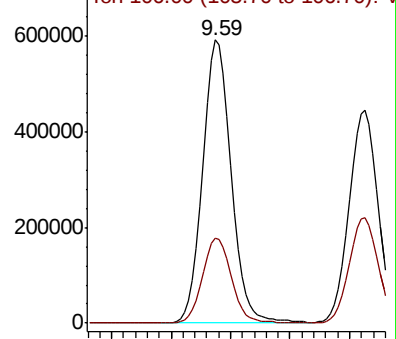
Ion Ratio Lower Upper

91 100

106 30.1 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038673.D (-2550) (-)



#53

m,p-Xylene

Concen: 48.790 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038676.D

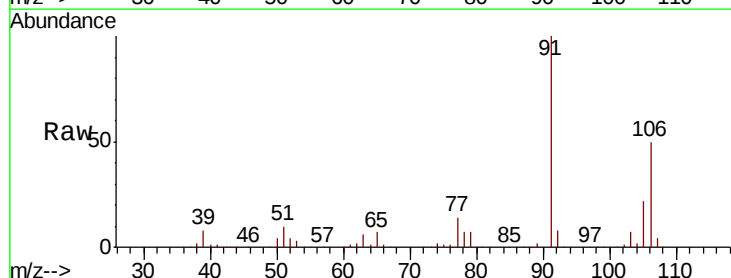
Acq: 08 Jun 2020 18:09

Tgt Ion: 106 Resp: 380105

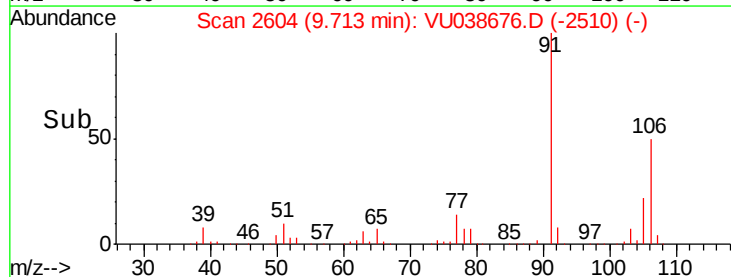
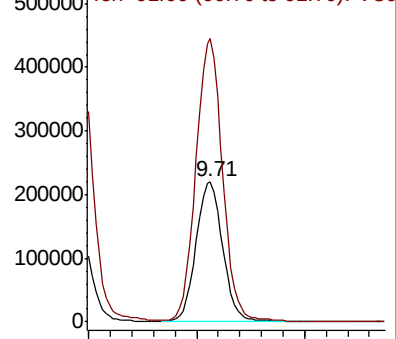
Ion Ratio Lower Upper

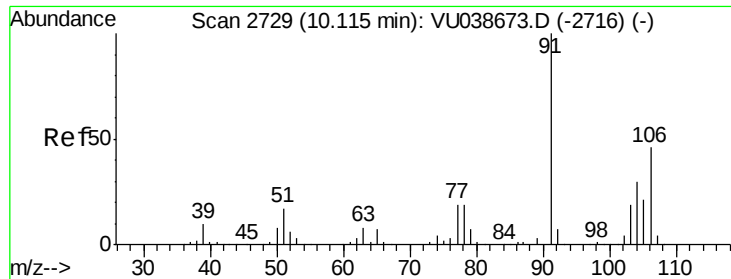
106 100

91 201.5 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): VU038676.D (-2510) (-)





#54

o-xylene

Concen: 49.358 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampled :

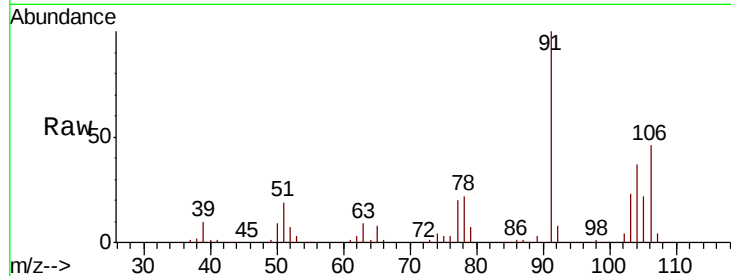
VICV35

Tot Ion:106 Resp: 373295

Ion Ratio Lower Upper

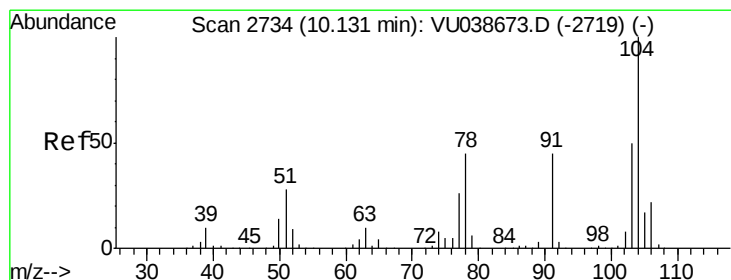
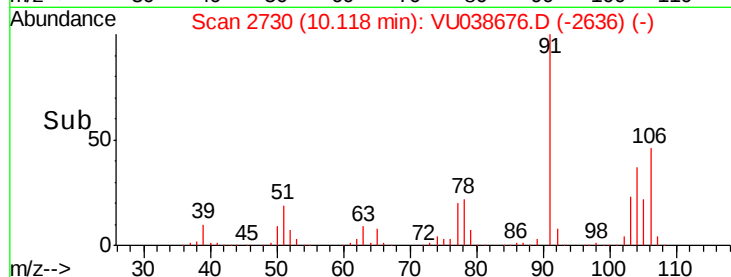
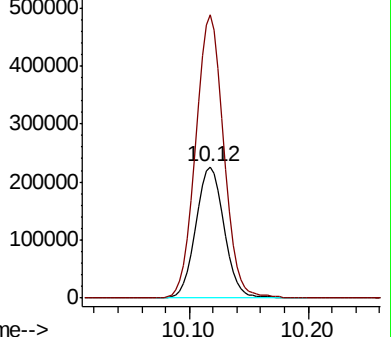
106 100

91 215.5 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 49.628 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU038676.D

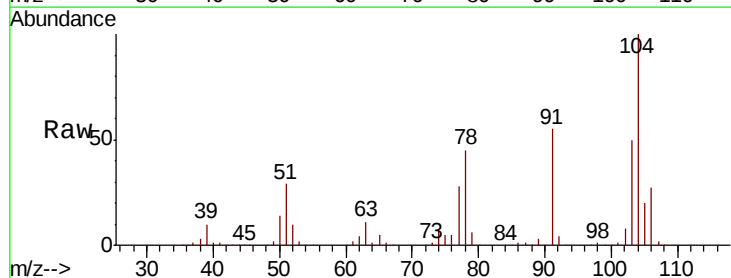
Acq: 08 Jun 2020 18:09

Tgt Ion:104 Resp: 650671

Ion Ratio Lower Upper

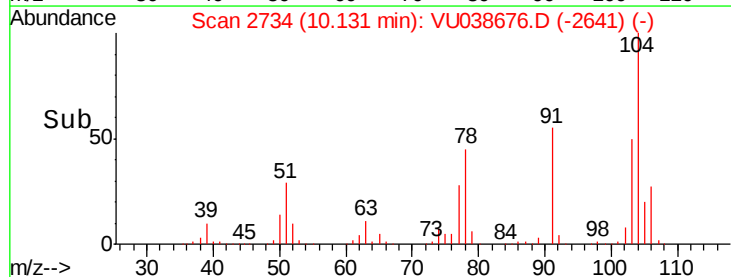
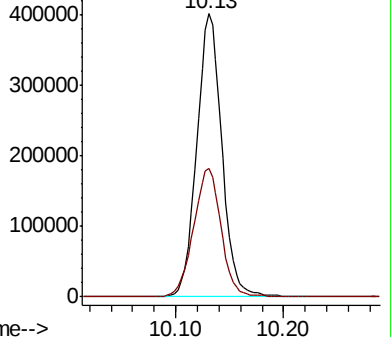
104 100

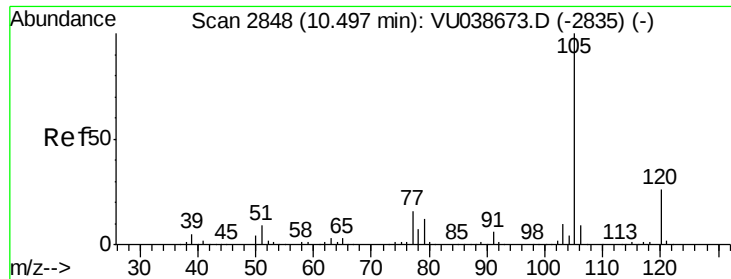
78 45.3 31.6 58.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 47.825 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampled :

VICV35

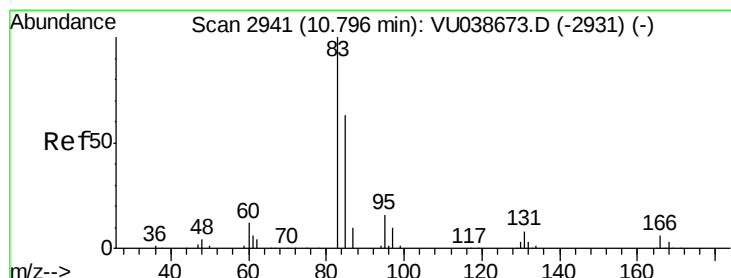
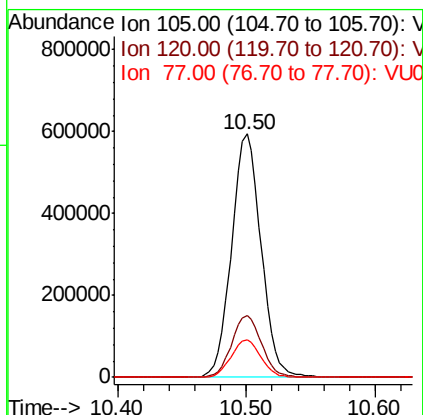
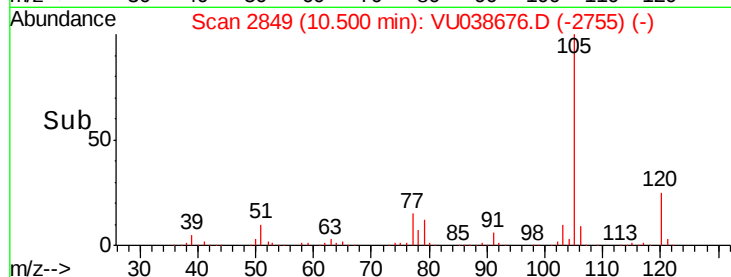
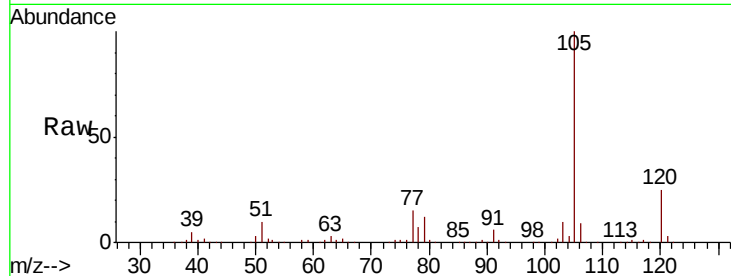
Tot Ion:105 Resp: 944012

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 15.6 12.6 19.0



#58

1,1,2,2-Tetrachloroethane

Concen: 49.658 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

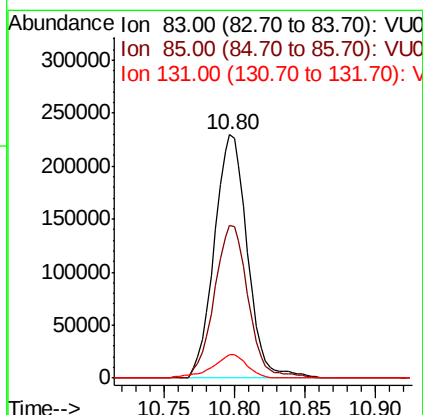
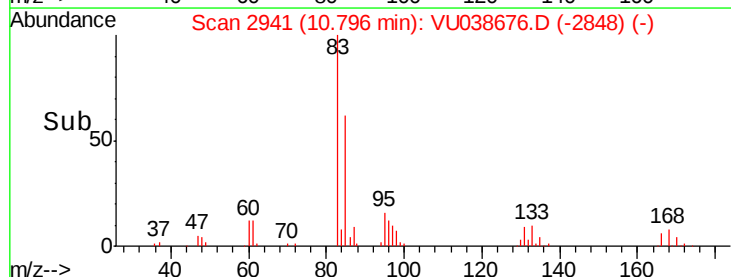
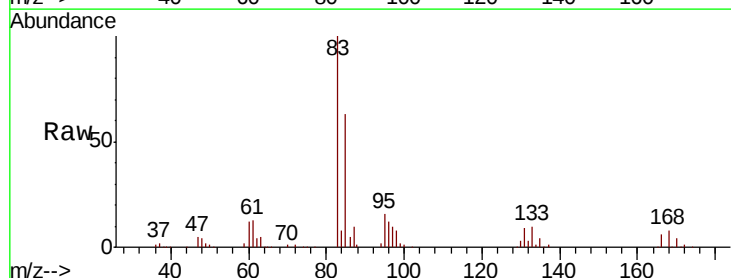
Tgt Ion: 83 Resp: 372791

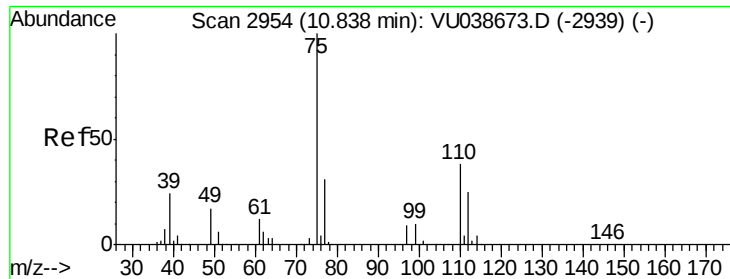
Ion Ratio Lower Upper

83 100

85 62.7 45.3 84.1

131 9.5 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 49.852 ug/L

RT: 10.84 min Scan# 2954

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

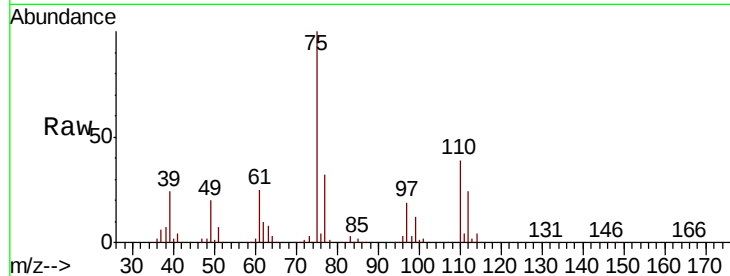
VICV35

Tot Ion: 75 Resp: 320348

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU038673.D (-2939) (-)

Ion 77.00 (76.70 to 77.70): VU038673.D (-2939) (-)

10.84

200000

150000

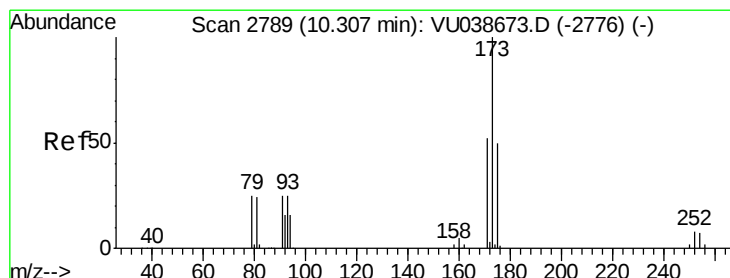
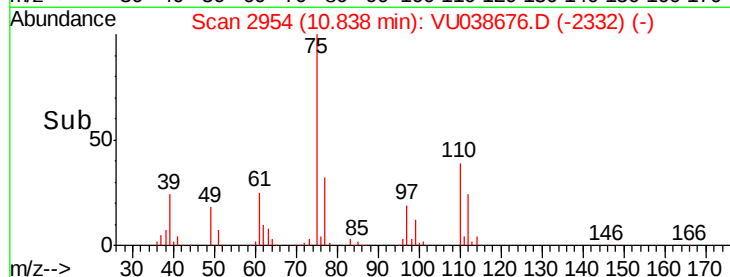
100000

50000

0

10.80 10.90

Time-->



#61

Bromoform

Concen: 50.623 ug/L

RT: 10.31 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

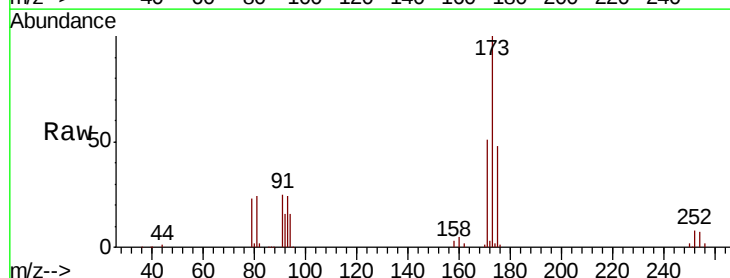
Tgt Ion:173 Resp: 165695

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 7.2 5.8 8.8



Abundance Ion 173.00 (172.70 to 173.70): VU038673.D (-2776) (-)

Ion 175.00 (174.70 to 175.70): VU038673.D (-2776) (-)

Ion 254.00 (253.70 to 254.70): VU038673.D (-2776) (-)

10.31

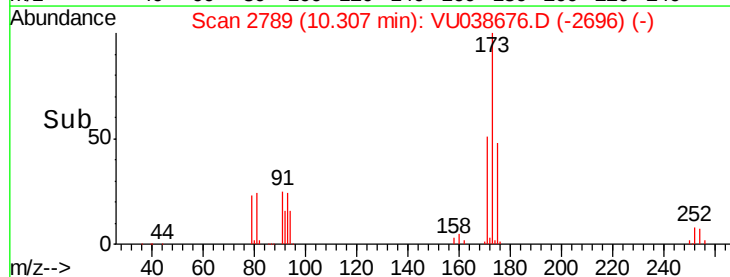
100000

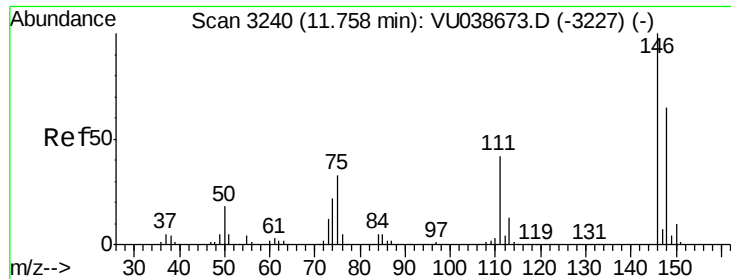
50000

0

10.25 10.30 10.35 10.40

Time-->

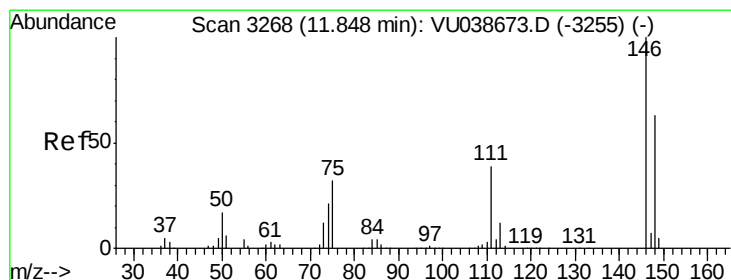
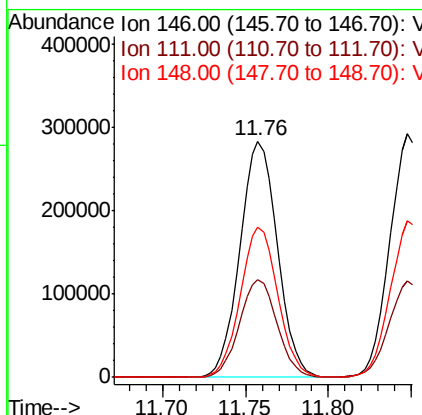
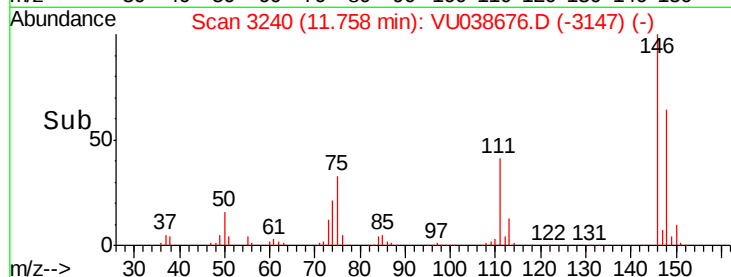
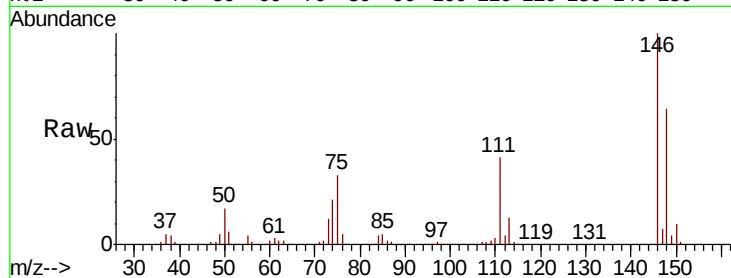




#62
 1,3-Dichlorobenzene
 Concen: 48.349 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

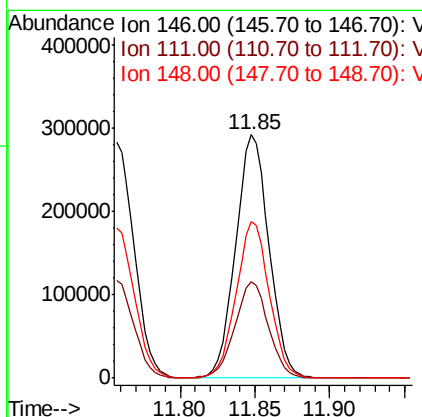
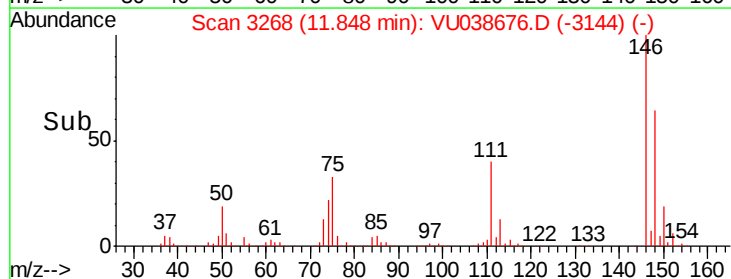
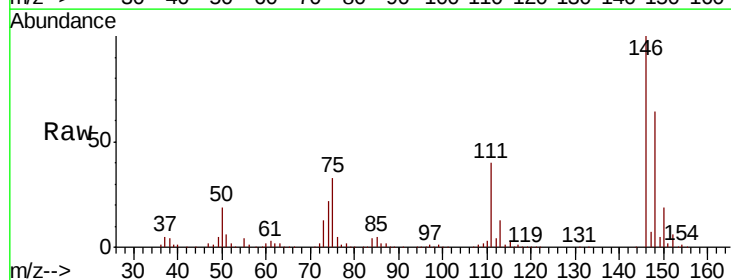
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV35

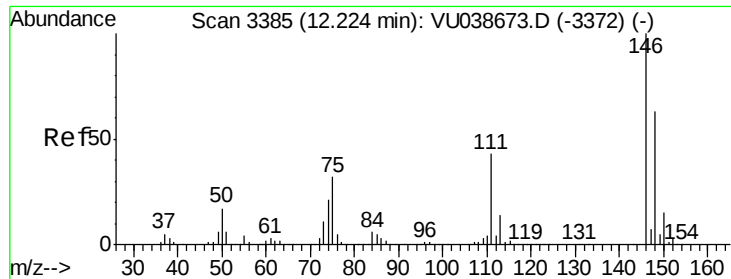
Tot Ion:146 Resp: 445311
 Ion Ratio Lower Upper
 146 100
 111 41.3 29.2 54.2
 148 63.8 45.2 84.0



#63
 1,4-Dichlorobenzene
 Concen: 48.561 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

Tgt Ion:146 Resp: 452899
 Ion Ratio Lower Upper
 146 100
 111 39.7 27.6 51.4
 148 64.1 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 48.601 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

VICV35

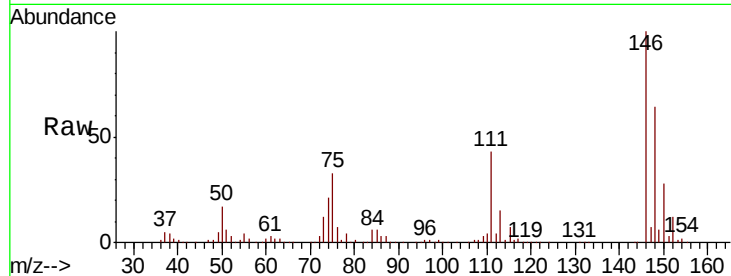
Tot Ion:146 Resp: 445528

Ion Ratio Lower Upper

146 100

111 43.3 34.8 52.2

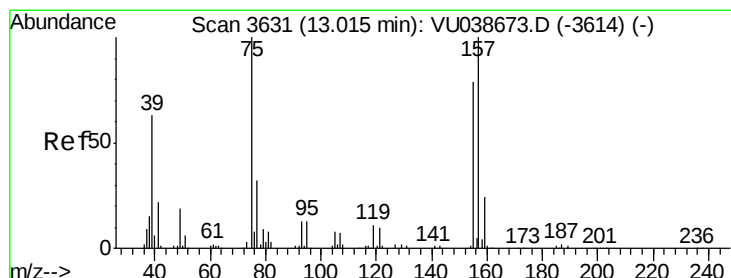
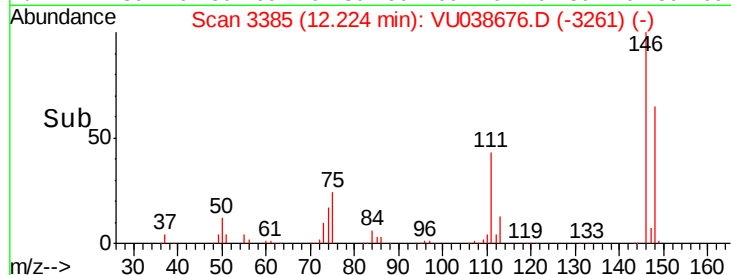
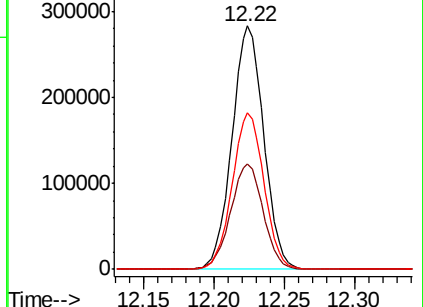
148 64.4 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 51.353 ug/L

RT: 13.01 min Scan# 3631

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

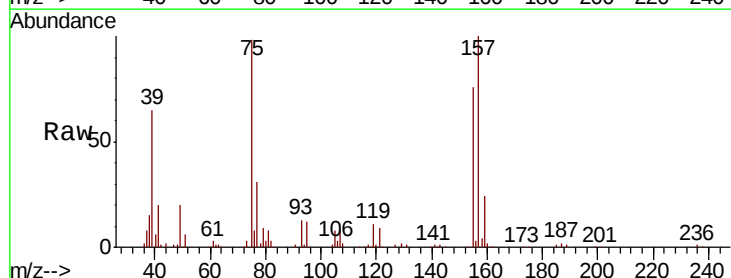
Tgt Ion: 75 Resp: 97557

Ion Ratio Lower Upper

75 100

155 77.2 63.8 95.6

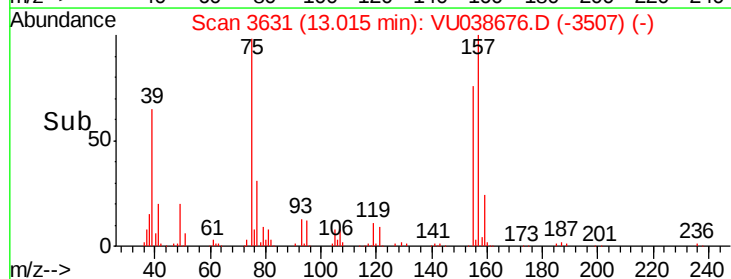
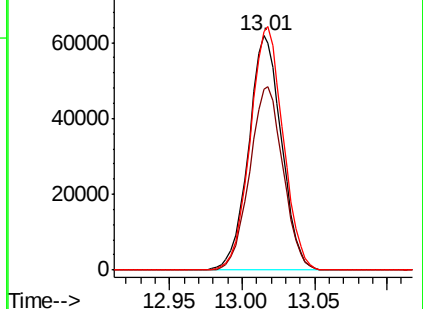
157 101.8 80.2 120.2

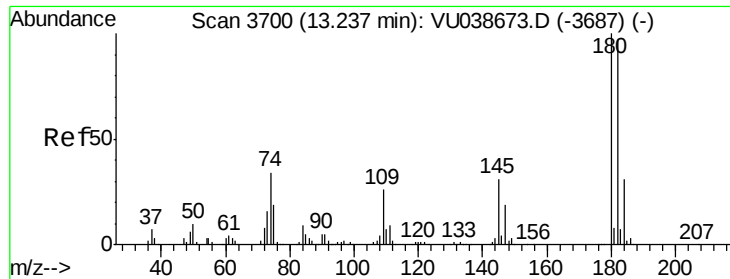


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

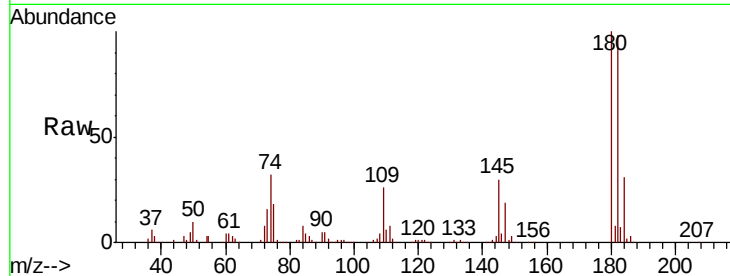




#67
 1,3,5-Trichlorobenzene
 Concen: 48.754 ug/L
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV35

Tot Ion:180	Resp:	322575
Ion Ratio	Lower	Upper
180	100	
182	96.8	76.6 114.8
184	30.2	24.7 37.1
145	30.5	24.7 37.1



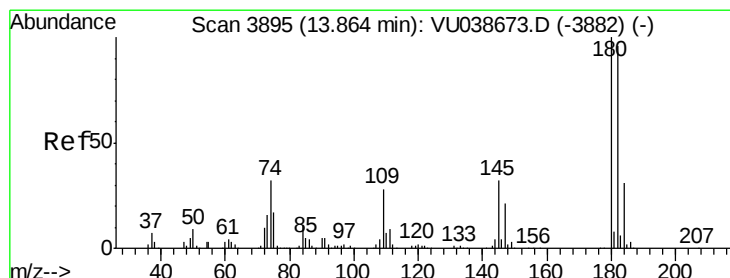
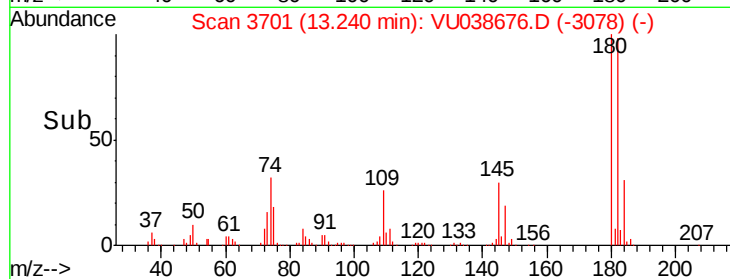
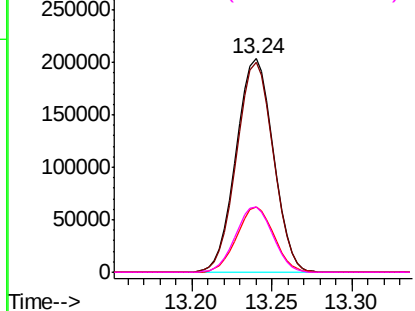
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

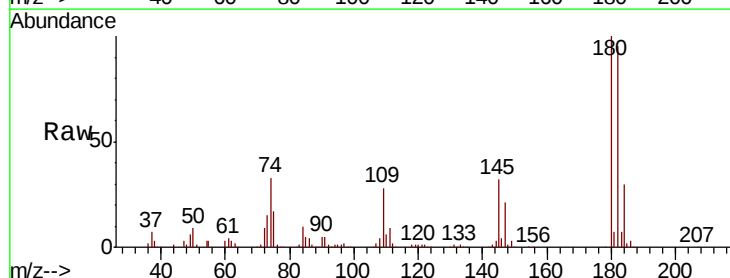
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 50.382 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038676.D
 Acq: 08 Jun 2020 18:09

Tgt Ion:180	Resp:	314254
Ion Ratio	Lower	Upper
180	100	
182	94.4	76.8 115.2
145	31.2	25.4 38.2

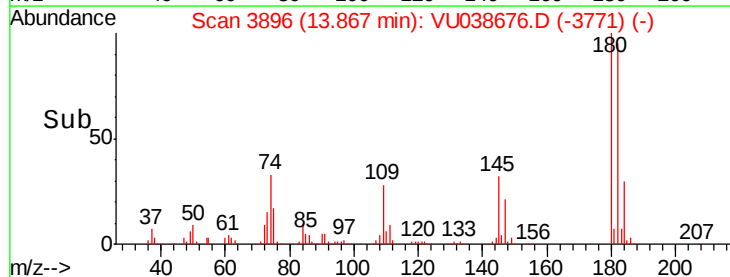
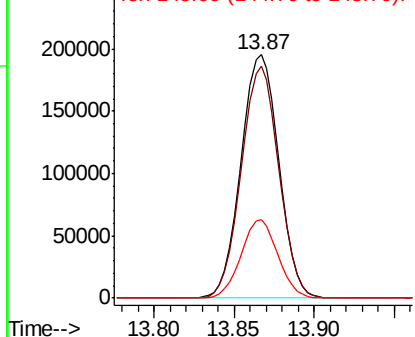


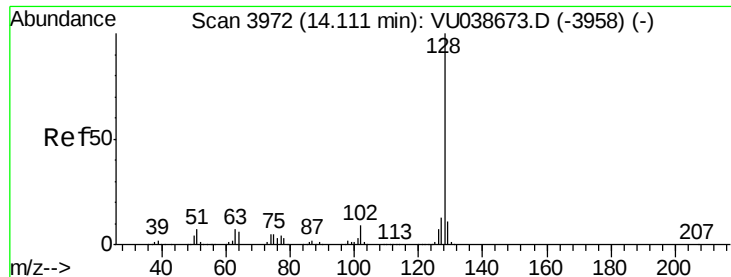
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 54.181 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

Instrument :

MSVOA_U

ClientSampleId :

VICV35

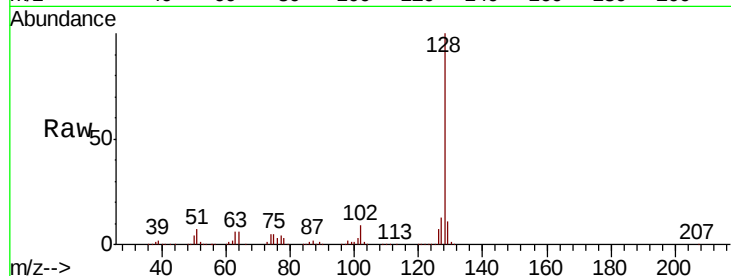
Tot Ion:128 Resp: 1194730

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

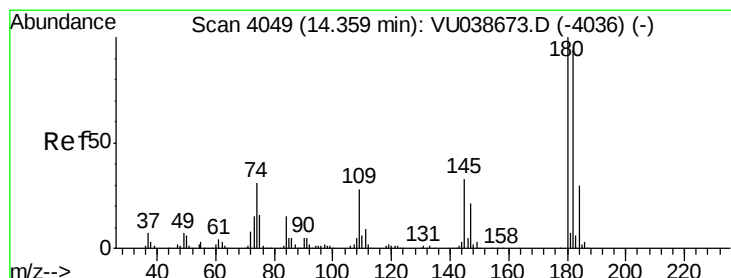
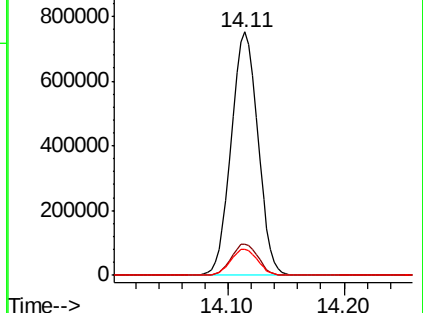
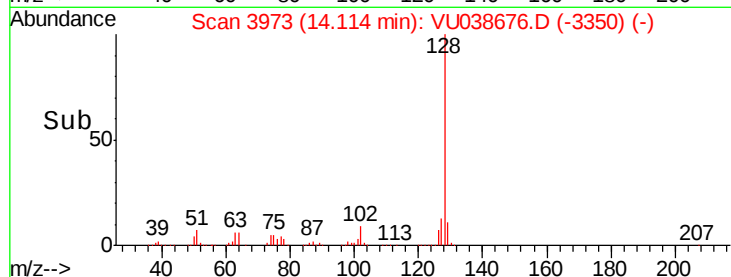
129 10.8 8.6 12.8



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



#70

1,2,3-Trichlorobenzene

Concen: 51.725 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

Lab File: VU038676.D

Acq: 08 Jun 2020 18:09

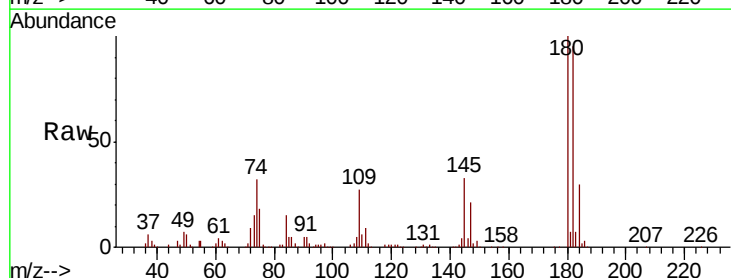
Tgt Ion:180 Resp: 323688

Ion Ratio Lower Upper

180 100

182 94.6 75.9 113.9

145 33.5 26.4 39.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

