

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063020\
 Data File : VU039238.D
 Acq On : 30 Jun 2020 14:38
 Operator : SY/MD
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Quant Time: Jun 30 14:57:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 14:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	244618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	259709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	124107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	154328	7.29	ug/L	0.00
7) Chloroethane-d5	1.93	69	133159	7.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	302080	7.61	ug/L	0.00
20) 2-Butanone-d5	4.67	46	616148	91.70	ug/L	0.00
24) Chloroform-d	5.10	84	330175	8.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	200966	8.30	ug/L	0.00
32) Benzene-d6	5.76	84	585595	7.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	190024	7.72	ug/L	0.00
41) Toluene-d8	7.92	98	492486	7.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	92538	8.12	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	511243	96.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	188550	8.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	207280	8.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	219687	9.281 ug/L	99
3) Chloromethane	1.53	50	204444	8.383 ug/L	99
5) Vinyl chloride	1.62	62	216207	8.868 ug/L	100
6) Bromomethane	1.88	94	118305	9.146 ug/L	97
8) Chloroethane	1.95	64	131568	8.844 ug/L	97
9) Trichlorofluoromethane	2.16	101	315278	9.231 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	169885	9.164 ug/L	99
12) 1,1-Dichloroethene	2.61	96	159412	8.975 ug/L	92
13) Acetone	2.68	43	359387	87.278 ug/L	99
14) Carbon disulfide	2.82	76	538422	8.749 ug/L	99
15) Methyl Acetate	2.98	43	86538	8.528 ug/L	98
16) Methylene chloride	3.08	84	181681	8.523 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	449350	9.455 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	166612	8.878 ug/L	97
19) 1,1-Dichloroethane	3.91	63	321032	8.987 ug/L	100
21) 2-Butanone	4.75	43	595863	92.018 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	179521	9.514 ug/L	99
23) Bromochloromethane	5.02	128	82525	9.026 ug/L	97
25) Chloroform	5.12	83	325080	9.084 ug/L	98
27) 1,2-Dichloroethane	5.83	62	241824	9.121 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	296027	8.740 ug/L	99
30) Cyclohexane	5.42	56	281418	8.961 ug/L	99
31) Carbon tetrachloride	5.56	117	249189	8.735 ug/L	99
33) Benzene	5.81	78	696505	8.594 ug/L	100
34) Trichloroethene	6.57	95	179774	8.669 ug/L	97
35) Methylcyclohexane	6.79	83	287367	9.344 ug/L	100
37) 1,2-Dichloropropane	6.82	63	177507	8.291 ug/L	100
38) Bromodichloromethane	7.13	83	250238	8.981 ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	273250	8.919 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1378048	89.279 ug/L	99

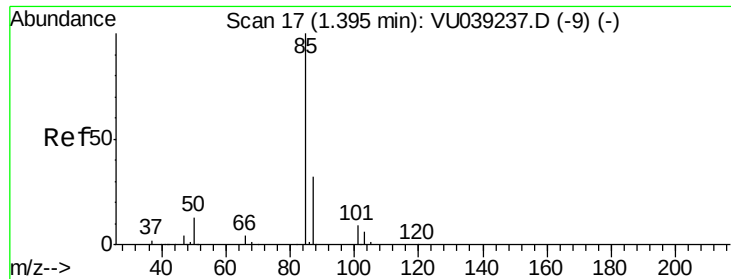
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063020\
 Data File : VU039238.D
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 14:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	731242	9.040	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	257218	8.510	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	137665	8.617	ug/L	97
47) Tetrachloroethene	8.57	164	130846	8.783	ug/L	97
48) 2-Hexanone	8.71	43	1052404	88.932	ug/L	99
49) Dibromochloromethane	8.83	129	162510	8.793	ug/L	96
50) 1,2-Dibromoethane	8.94	107	136220	8.711	ug/L	96
51) Chlorobenzene	9.47	112	489502	9.324	ug/L	99
52) Ethylbenzene	9.59	91	864623	9.817	ug/L	99
53) m,p-Xylene	9.71	106	334970	10.291	ug/L	98
54) o-Xylene	10.11	106	309556	9.965	ug/L	99
55) Styrene	10.13	104	542359	10.062	ug/L	97
56) Isopropylbenzene	10.50	105	831224	10.393	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	174880	8.646	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	136502	8.694	ug/L	98
61) Bromoform	10.31	173	98305	9.883	ug/L	99
62) 1,3-Dichlorobenzene	11.75	146	358855	9.132	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	368801	9.298	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	344180	9.115	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	33543	8.909	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	263091	9.189	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	242251	9.776	ug/L	97
69) Naphthalene	14.11	128	475549	10.109	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	228618	9.662	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 9.281 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

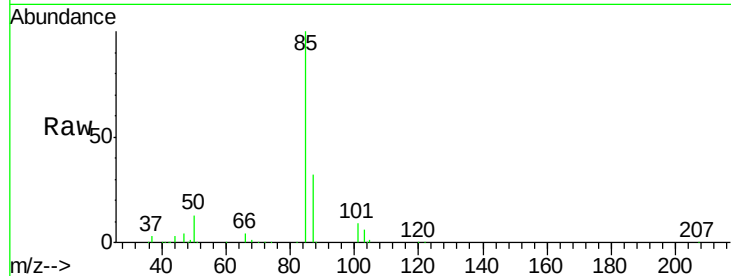
VSTD01006

Tgt Ion: 85 Resp: 219687

Ion Ratio Lower Upper

85 100

87 31.9 25.3 37.9



Abundance Ion 85.00 (84.70 to 85.70): VU039238.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039238.D (-1) (-)

1.39

200000

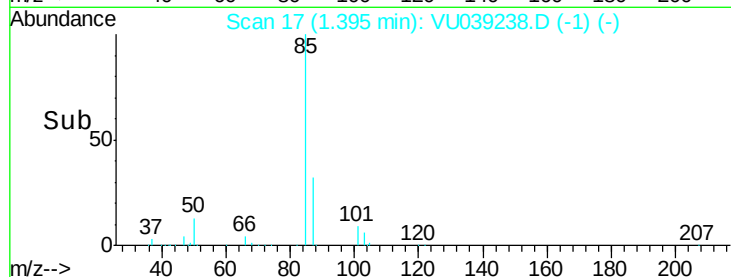
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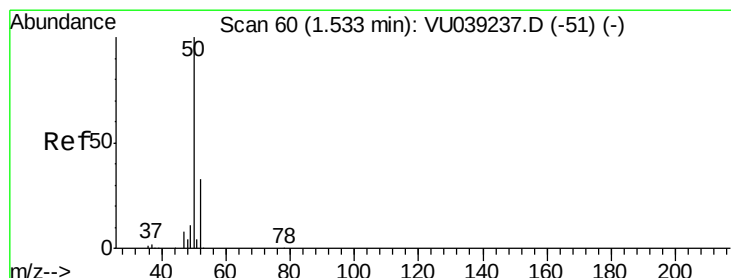
50000

0

Time-->



Time-->



#3

Chloromethane

Concen: 8.383 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039238.D

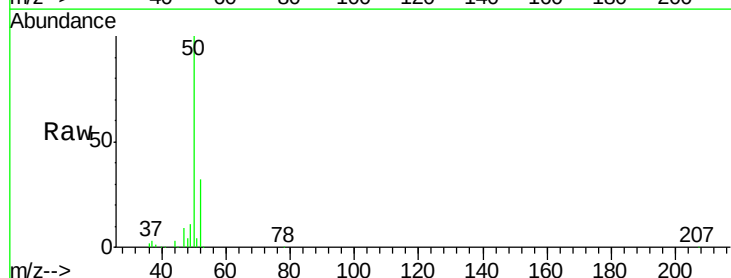
Acq: 30 Jun 2020 14:38

Tgt Ion: 50 Resp: 204444

Ion Ratio Lower Upper

50 100

52 32.3 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VU039238.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU039238.D (-1) (-)

1.53

200000

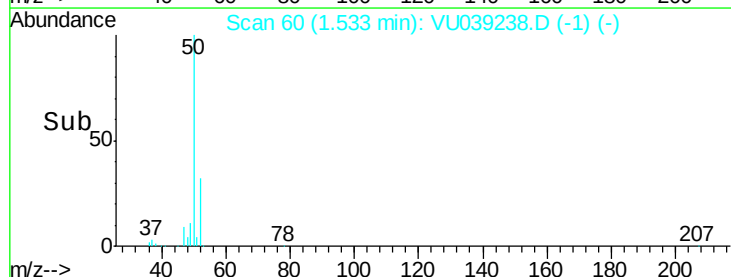
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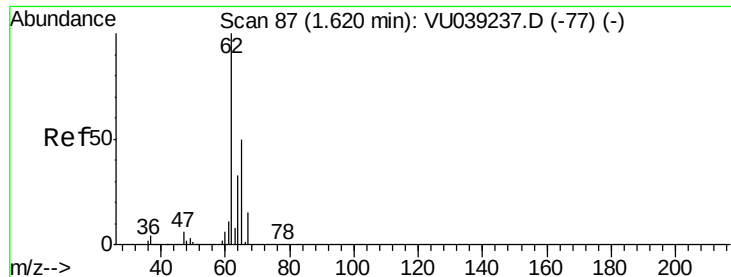
50000

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Time-->



Time-->



#5

Vinyl chloride

Concen: 8.868 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

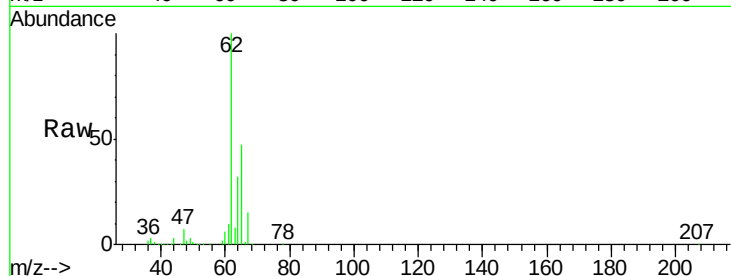
VSTD01006

Tgt Ion: 62 Resp: 216207

Ion Ratio Lower Upper

62 100

64 32.4 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VU039238.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU039238.D (-77) (-)

1.62

200000

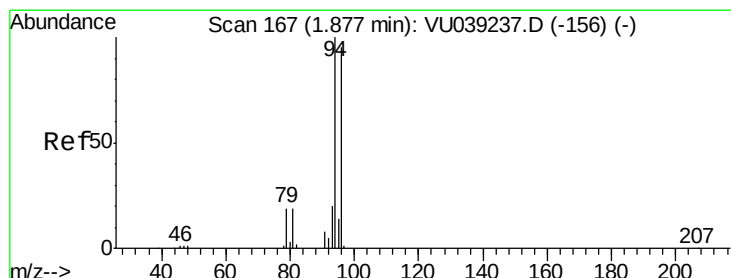
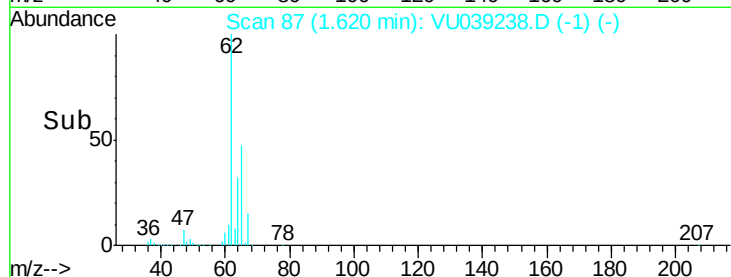
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 9.146 ug/L

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU039238.D

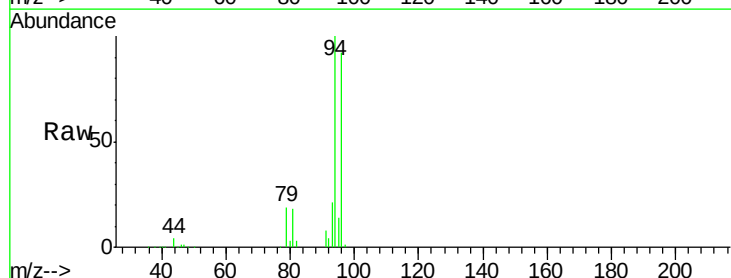
Acq: 30 Jun 2020 14:38

Tgt Ion: 94 Resp: 118305

Ion Ratio Lower Upper

94 100

96 92.3 66.7 123.9



Abundance Ion 94.00 (93.70 to 94.70): VU039238.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU039238.D (-156) (-)

1.88

100000

80000

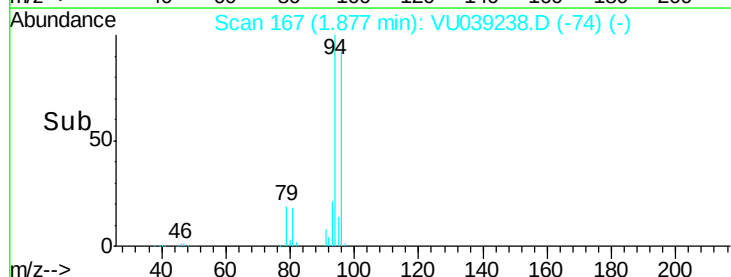
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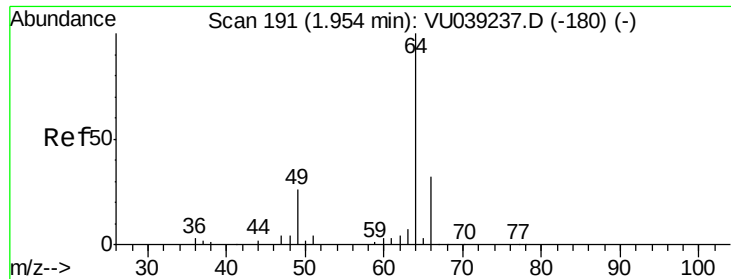
40000

20000

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Time-->





#8

Chloroethane

Concen: 8.844 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

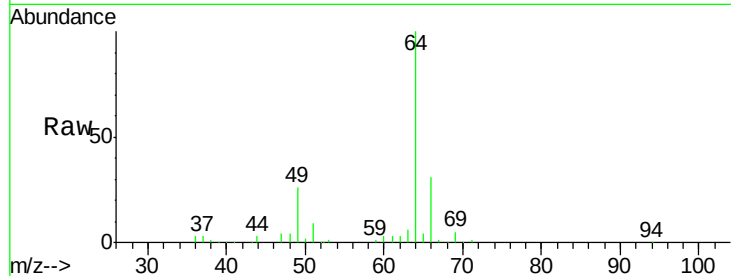
VSTD01006

Tgt Ion: 64 Resp: 131568

Ion Ratio Lower Upper

64 100

66 30.8 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VU039237.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU039237.D (-180) (-)

1.95

100000

80000

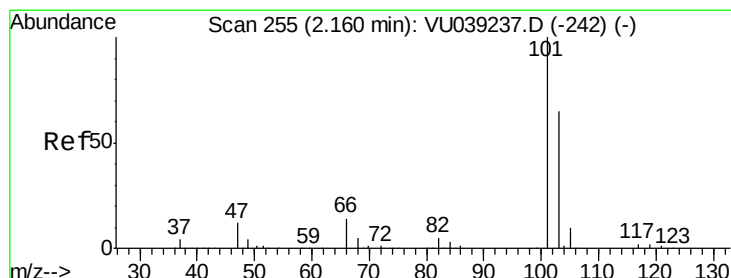
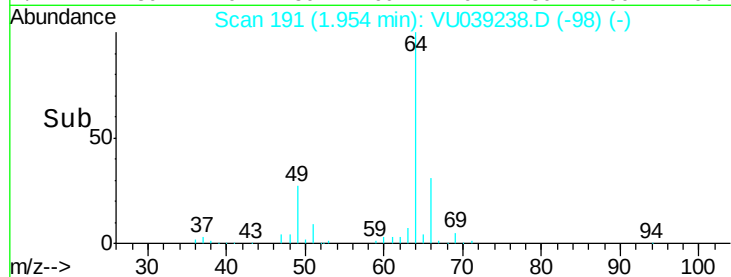
60000

40000

20000

0

Time-->



#9

Trichlorofluoromethane

Concen: 9.231 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU039238.D

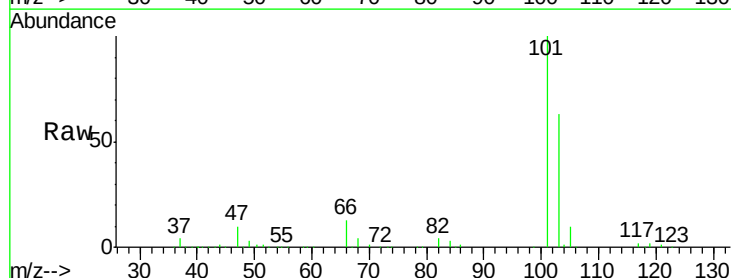
Acq: 30 Jun 2020 14:38

Tgt Ion: 101 Resp: 315278

Ion Ratio Lower Upper

101 100

103 64.0 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): VU039237.D (-242) (-)

Ion 103.00 (102.70 to 103.70): VU039237.D (-242) (-)

2.16

250000

200000

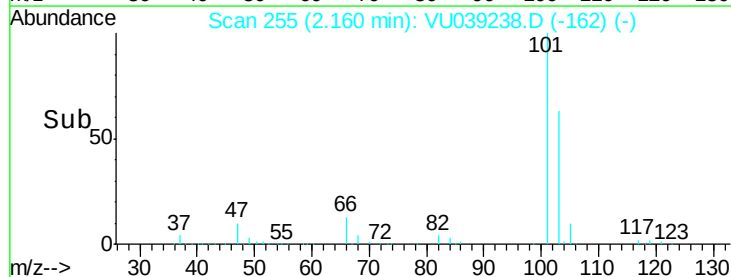
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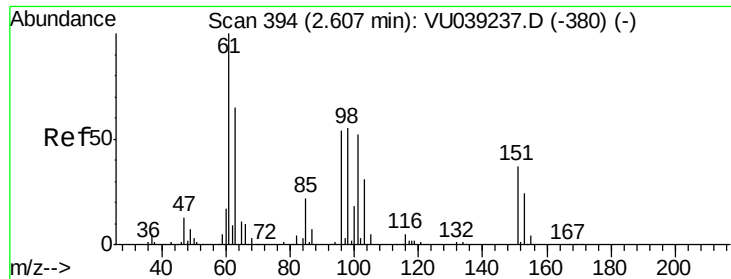
100000

50000

0

Time-->





#10

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

Concen: 9.164 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD01006

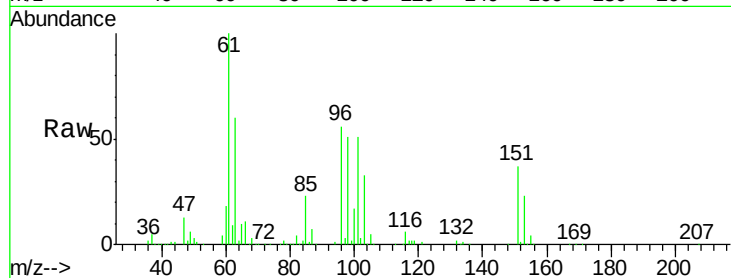
Tgt Ion: 101 Resp: 169885

Ion Ratio Lower Upper

101 100

85 45.0 34.7 52.1

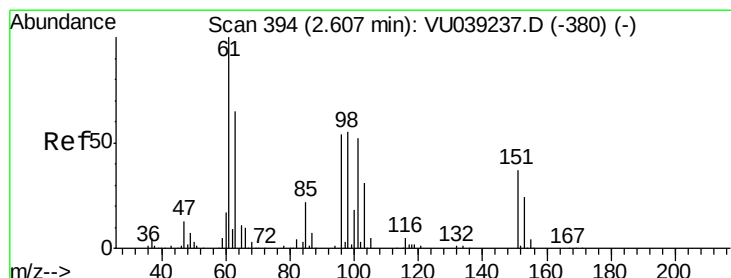
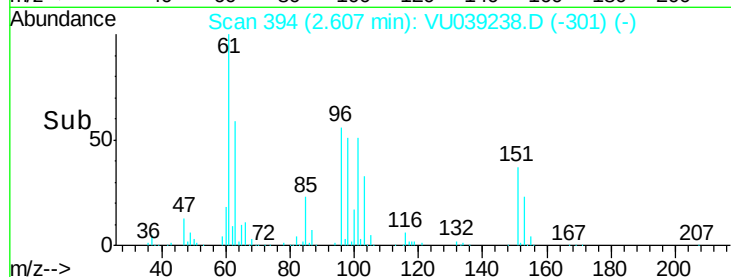
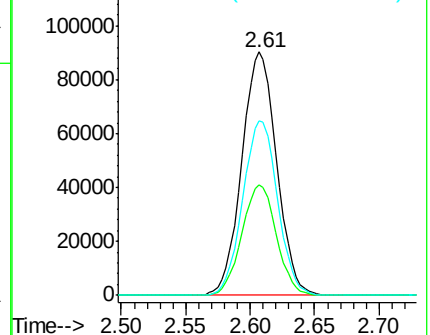
151 71.8 57.4 86.2



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: 8.975 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

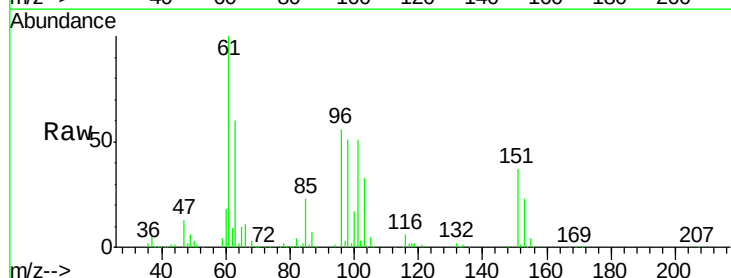
Tgt Ion: 96 Resp: 159412

Ion Ratio Lower Upper

96 100

61 178.3 129.1 239.7

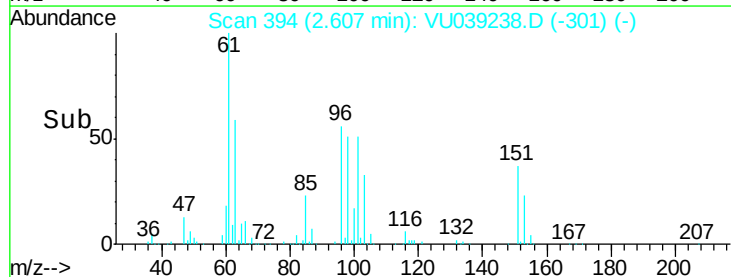
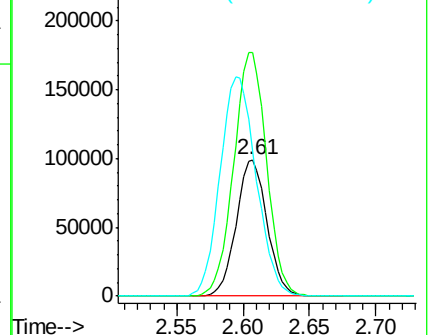
63 106.2 85.5 158.7

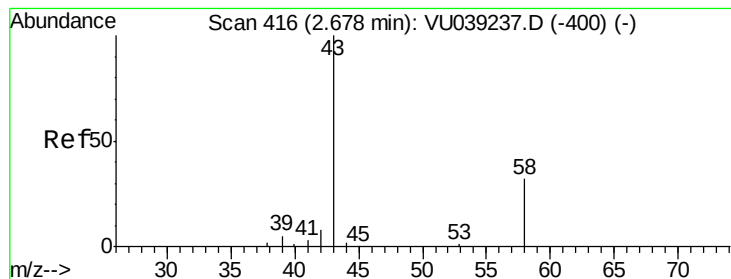


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 87.278 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

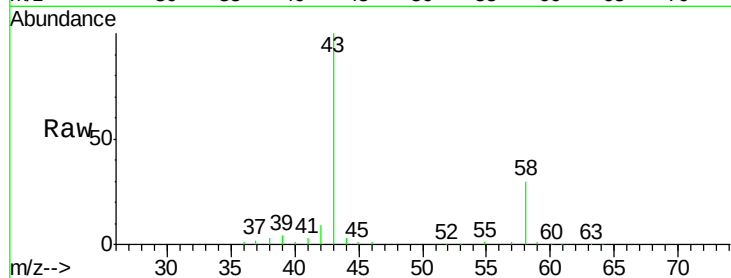
VSTD01006

Tgt Ion: 43 Resp: 359387

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039237.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU039237.D (-400) (-)

2.68

80000

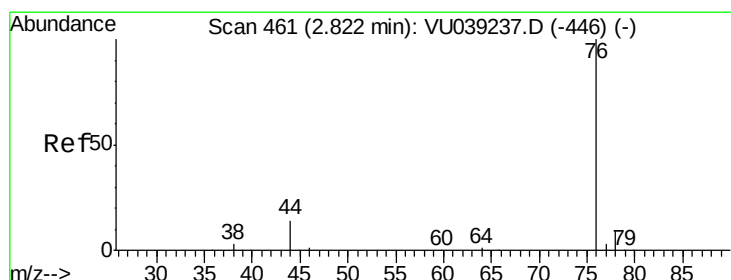
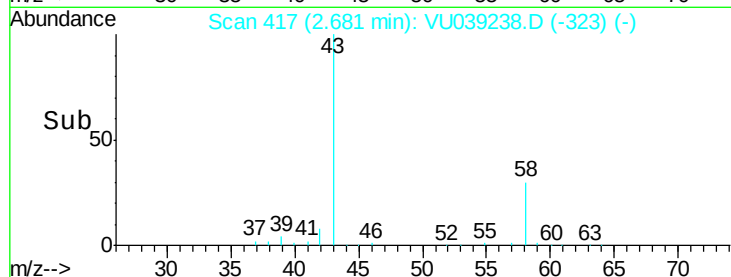
60000

40000

20000

0

Time-->



#14

Carbon disulfide

Concen: 8.749 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU039238.D

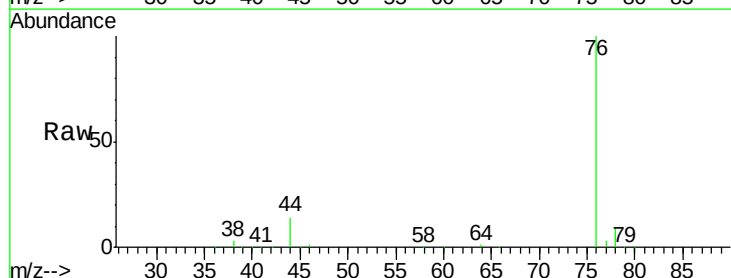
Acq: 30 Jun 2020 14:38

Tgt Ion: 76 Resp: 538422

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU039237.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU039237.D (-446) (-)

2.82

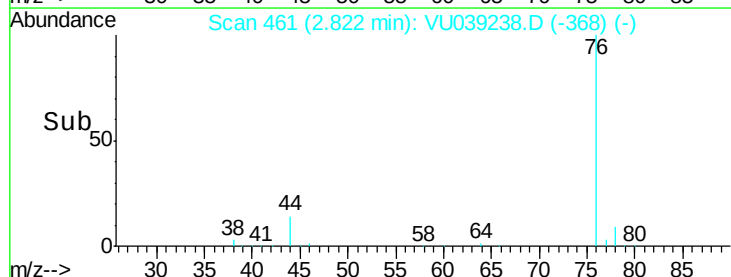
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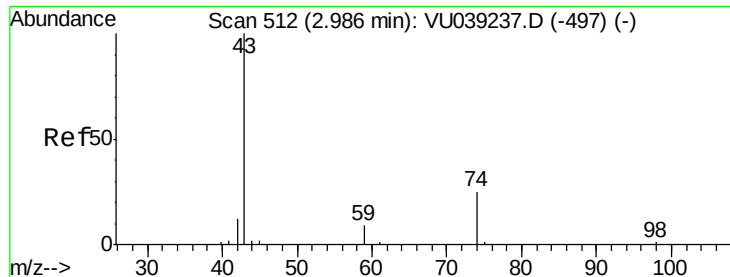
200000

100000

0

Time-->





#15

Methyl Acetate

Concen: 8.528 ug/L

RT: 2.98 min Scan# 511

Delta R.T. -0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

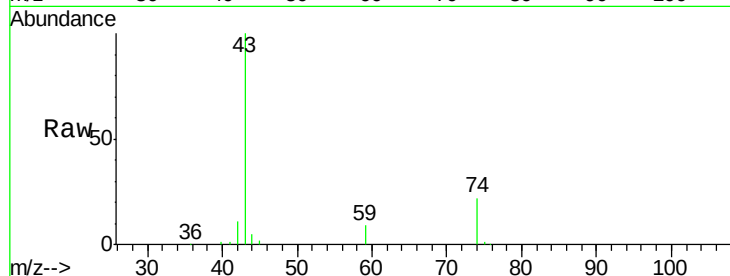
VSTD01006

Tgt Ion: 43 Resp: 86538

Ion Ratio Lower Upper

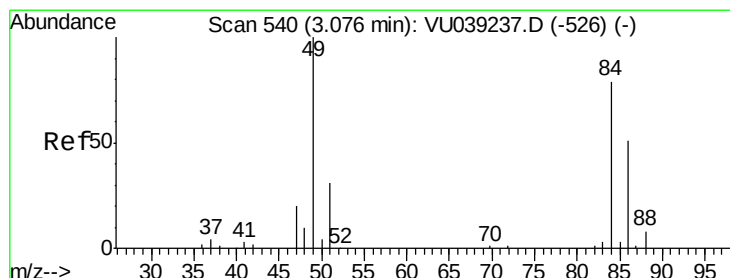
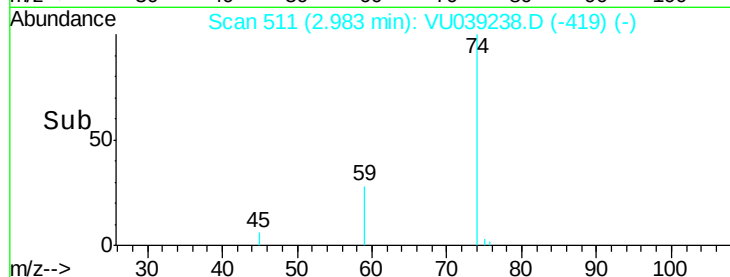
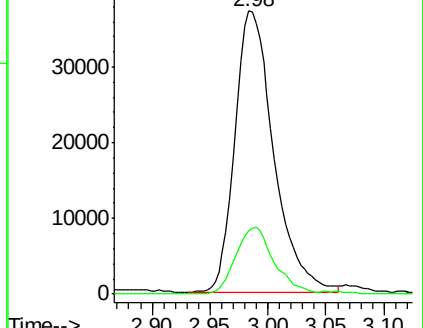
43 100

74 23.5 19.6 29.4



Abundance Ion 43.05 (42.75 to 43.75): VU039238.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU039238.D (-419) (-)



#16

Methylene chloride

Concen: 8.523 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

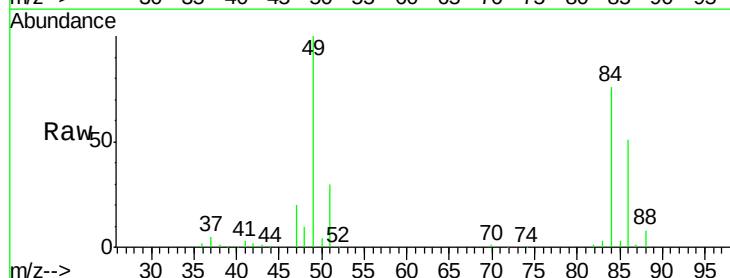
Tgt Ion: 84 Resp: 181681

Ion Ratio Lower Upper

84 100

86 66.7 44.9 83.5

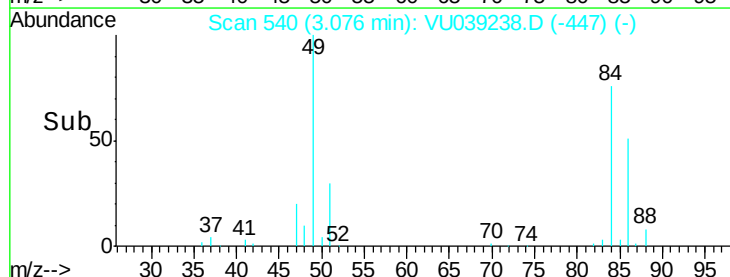
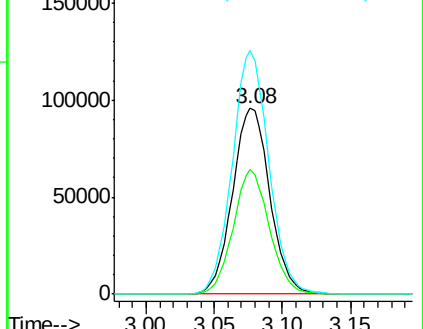
49 130.9 88.4 164.2

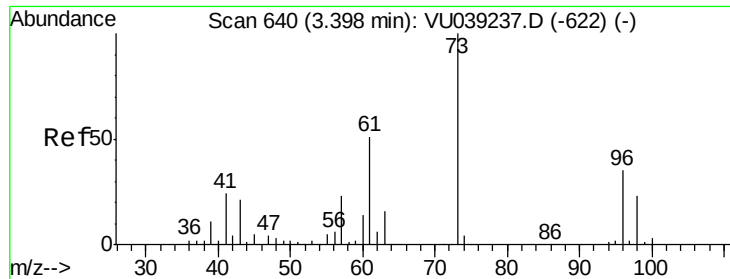


Abundance Ion 84.05 (83.75 to 84.75): VU039238.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039238.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039238.D (-447) (-)

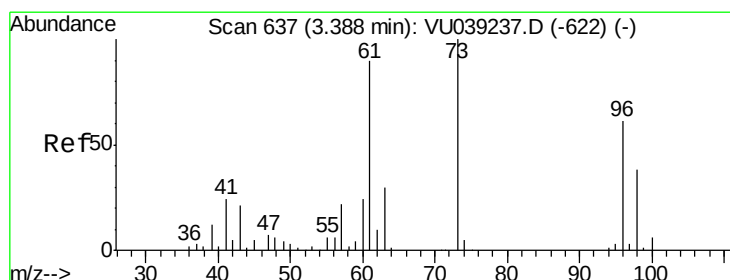
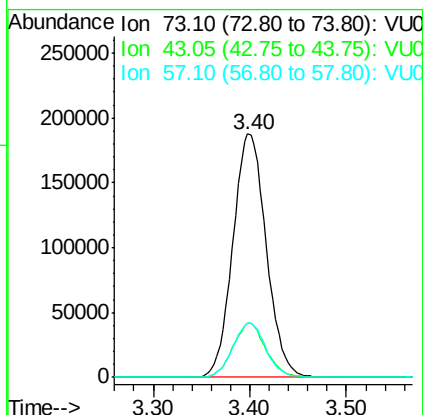
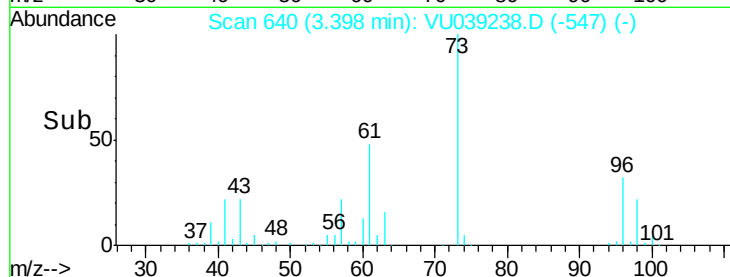
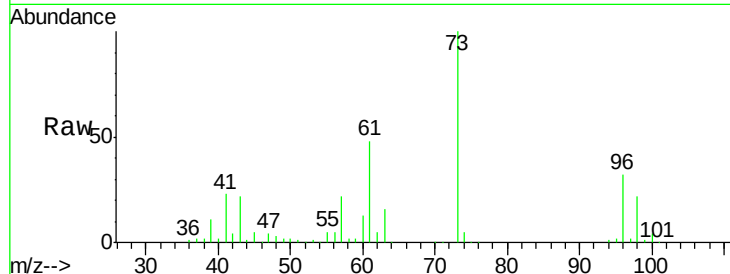




#17
Methyl tert-butyl Ether
Concen: 9.455 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

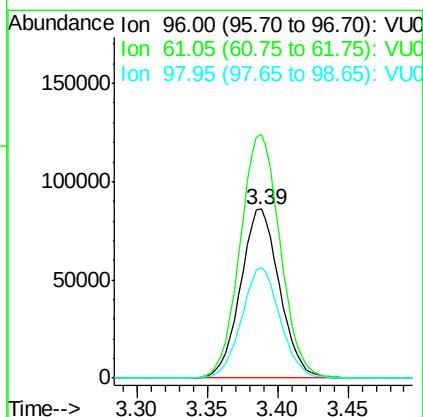
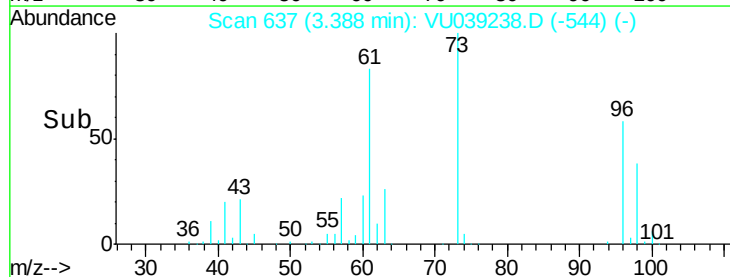
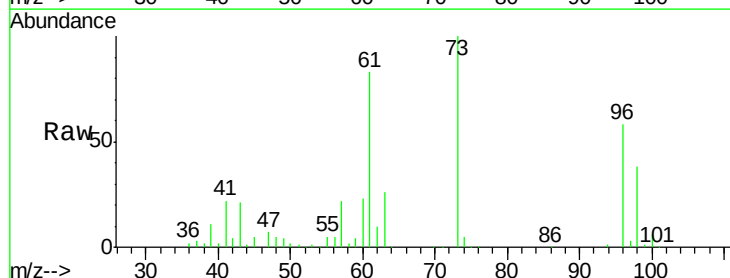
Instrument :
MSVOA_U
ClientSampleId :
VSTD01006

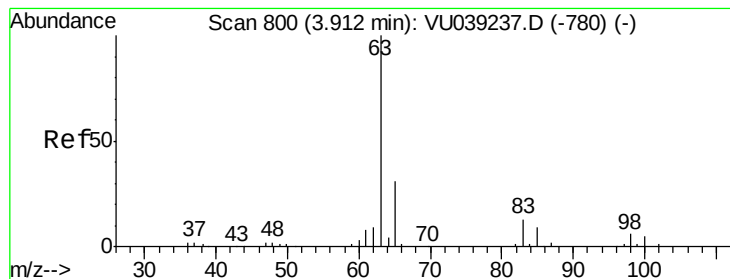
Tgt Ion: 73 Resp: 449350
Ion Ratio Lower Upper
73 100
43 22.1 17.4 26.0
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 8.878 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Tgt Ion: 96 Resp: 166612
Ion Ratio Lower Upper
96 100
61 144.0 103.3 191.8
98 65.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 8.987 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD01006

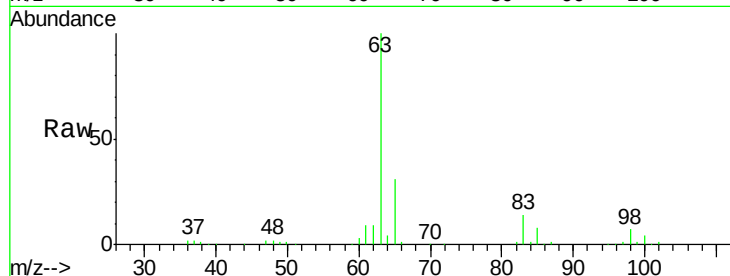
Tgt Ion: 63 Resp: 321032

Ion Ratio Lower Upper

63 100

65 31.2 21.9 40.7

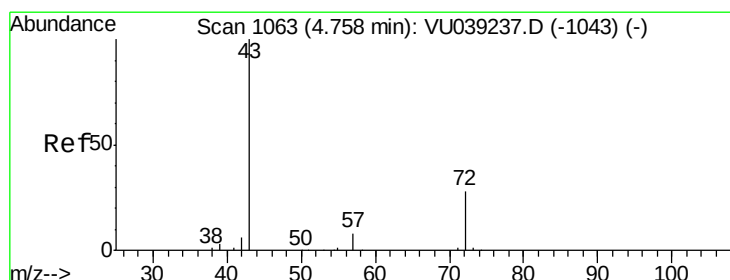
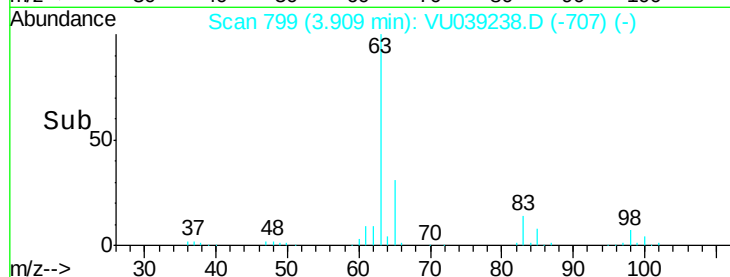
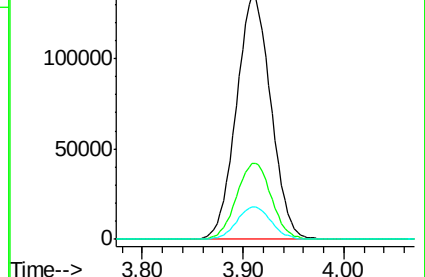
83 13.5 9.2 17.2



Abundance Ion 63.10 (62.80 to 63.80): VU039238.D (-780) (-)

Ion 65.10 (64.80 to 65.80): VU039238.D (-780) (-)

Ion 83.05 (82.75 to 83.75): VU039238.D (-780) (-)



#21

2-Butanone

Concen: 92.018 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU039238.D

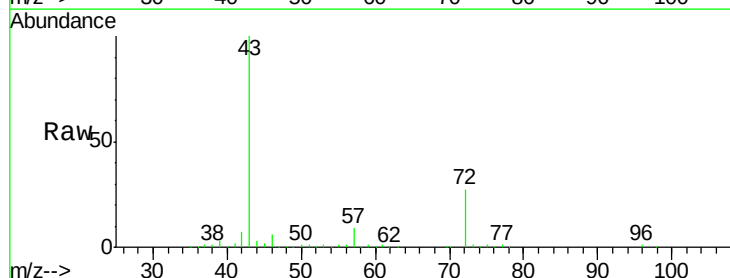
Acq: 30 Jun 2020 14:38

Tgt Ion: 43 Resp: 595863

Ion Ratio Lower Upper

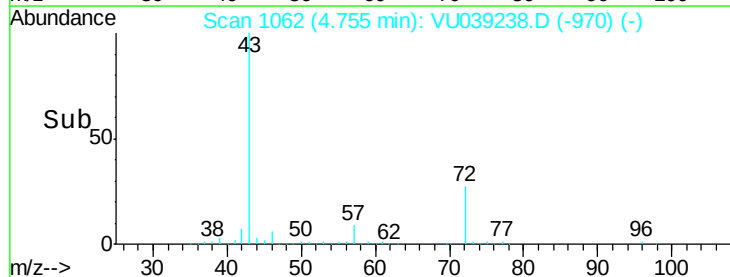
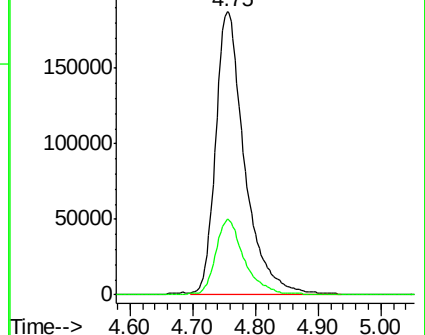
43 100

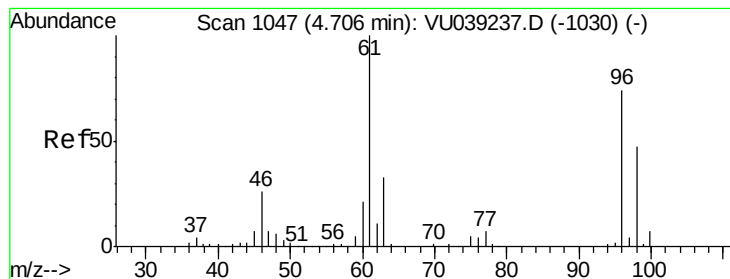
72 27.0 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU039238.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU039238.D (-970) (-)





#22

cis-1,2-Dichloroethene

Concen: 9.514 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampled :

VSTD01006

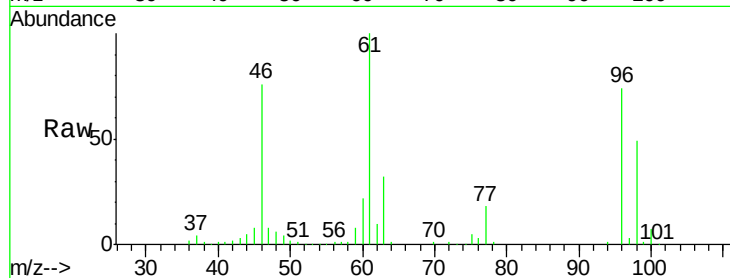
Tgt Ion: 96 Resp: 179521

Ion Ratio Lower Upper

96 100

61 135.7 94.2 175.0

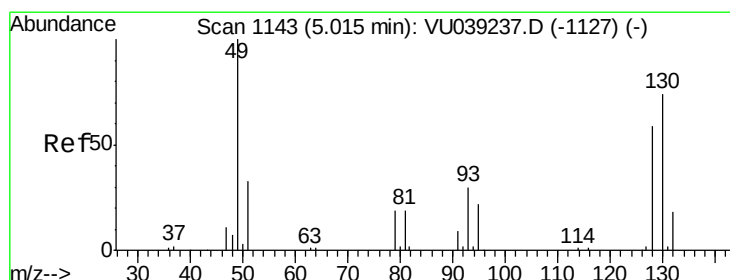
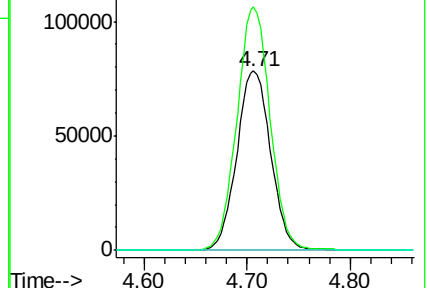
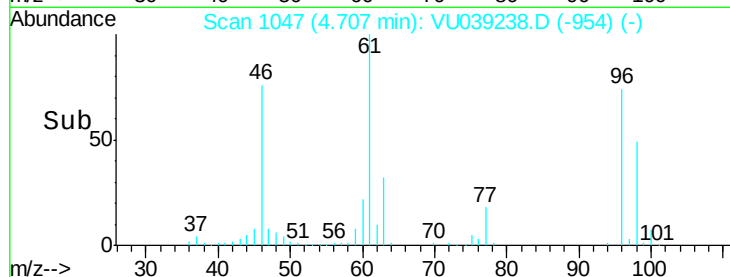
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039238.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039238.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039238.D (-954) (-)



#23

Bromochloromethane

Concen: 9.026 ug/L

RT: 5.02 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Tgt Ion: 128 Resp: 82525

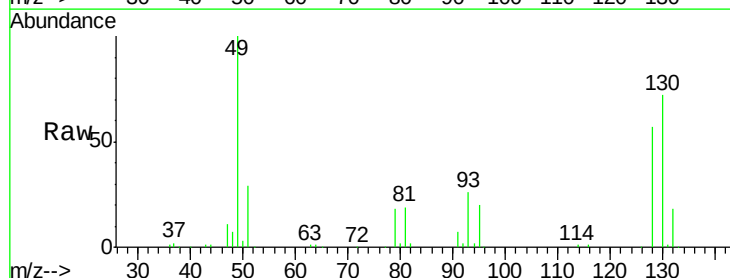
Ion Ratio Lower Upper

128 100

49 175.2 119.1 221.1

130 126.2 87.8 163.2

51 50.9 45.2 67.8

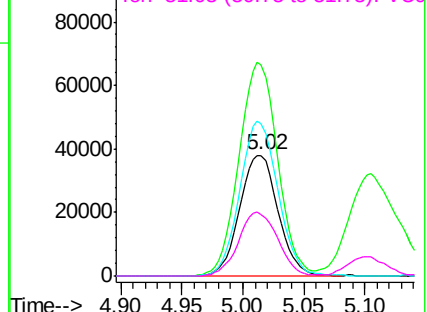
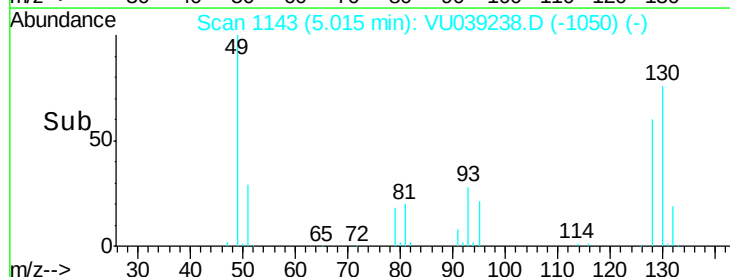


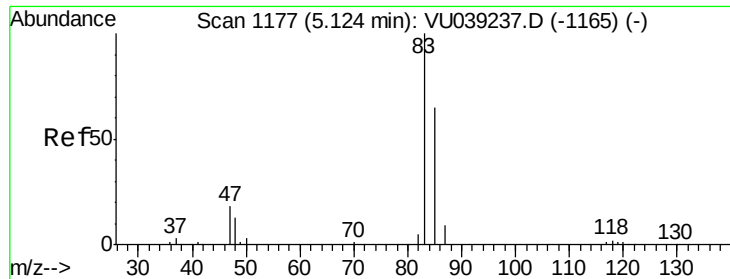
Abundance Ion 127.90 (127.60 to 128.60): VU039238.D (-1050) (-)

Ion 49.10 (48.80 to 49.80): VU039238.D (-1050) (-)

Ion 129.95 (129.65 to 130.65): VU039238.D (-1050) (-)

Ion 51.05 (50.75 to 51.75): VU039238.D (-1050) (-)

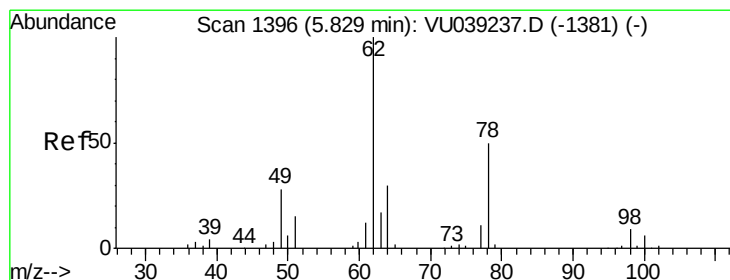
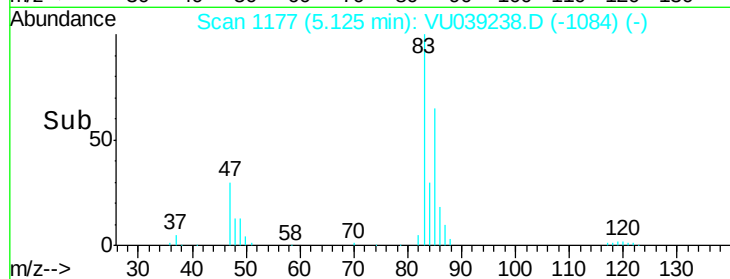
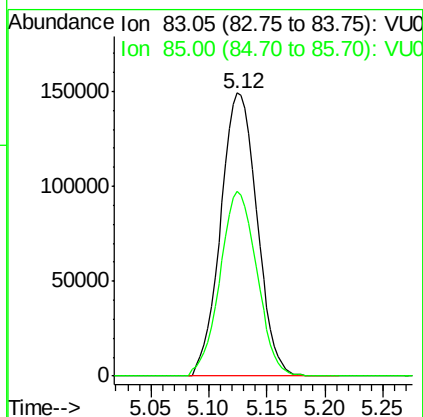
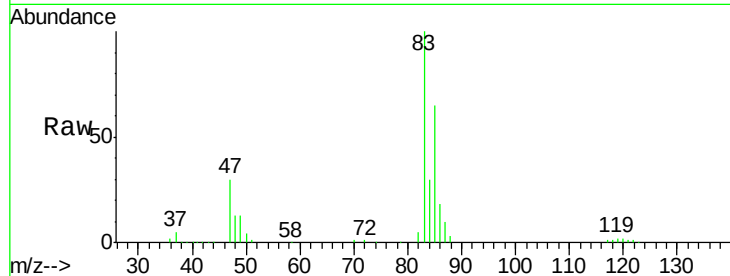




#25
Chloroform
Concen: 9.084 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

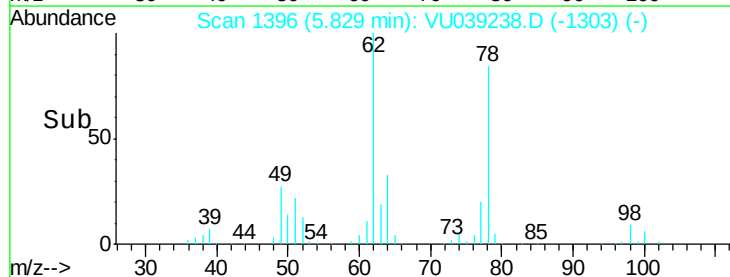
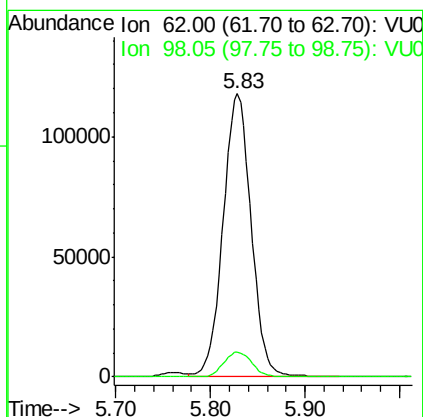
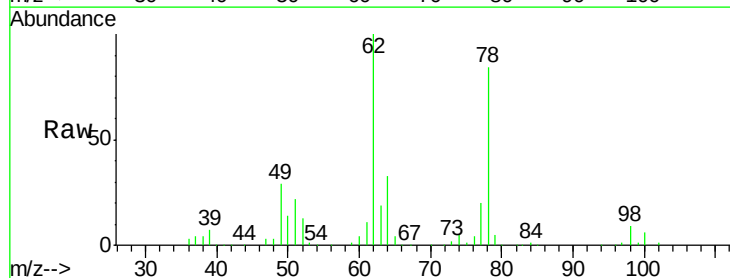
Instrument :
MSVOA_U
ClientSampleId :
VSTD01006

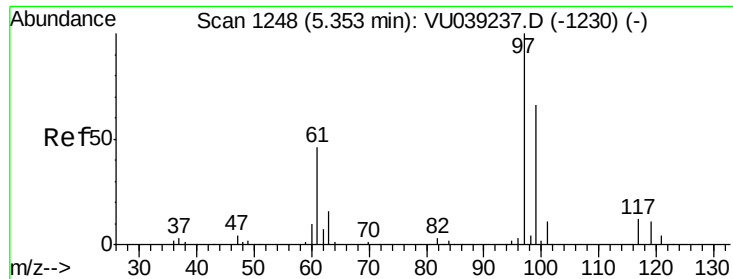
Tgt Ion: 83 Resp: 325080
Ion Ratio Lower Upper
83 100
85 65.4 47.0 87.4



#27
1,2-Dichloroethane
Concen: 9.121 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Tgt Ion: 62 Resp: 241824
Ion Ratio Lower Upper
62 100
98 8.7 6.8 10.2

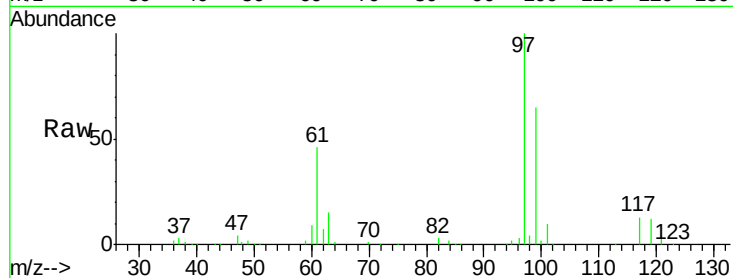




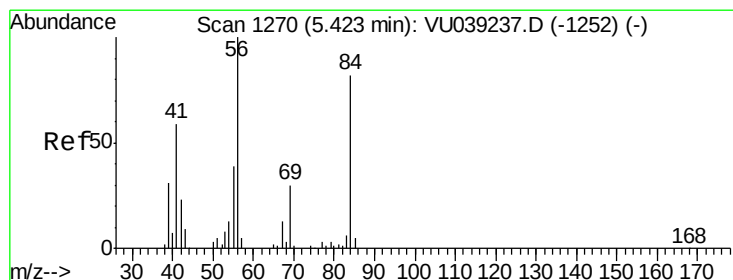
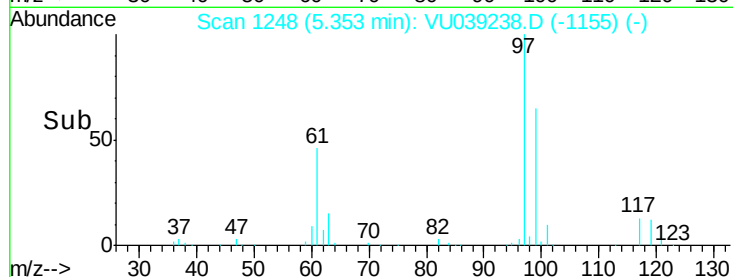
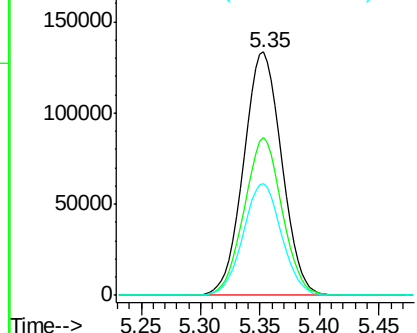
#29
 1,1,1-Trichloroethane
 Concen: 8.740 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Tgt Ion: 97 Resp: 296027
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.2 78.2
 61 46.2 37.2 55.8

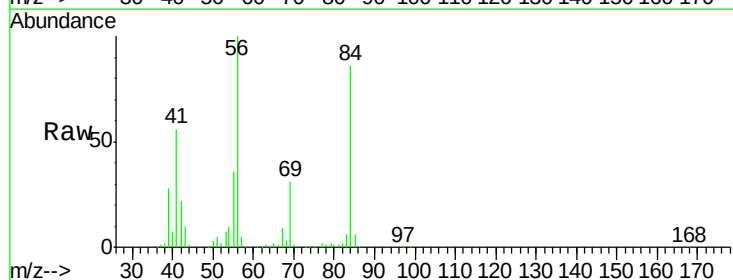


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

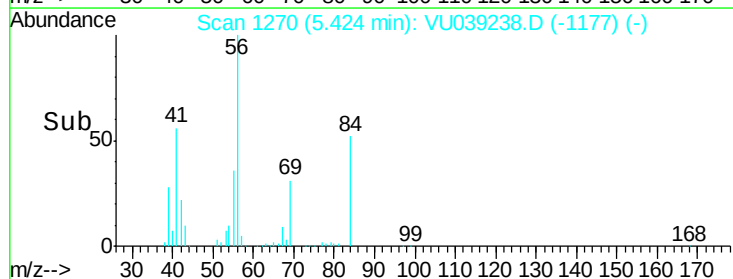
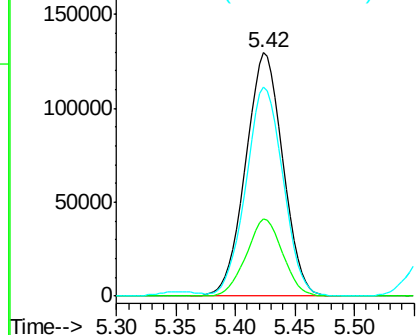


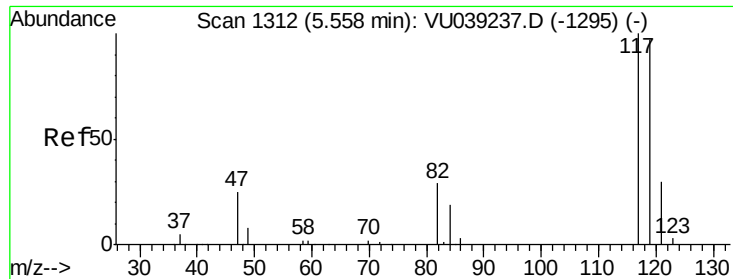
#30
 Cyclohexane
 Concen: 8.961 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

Tgt Ion: 56 Resp: 281418
 Ion Ratio Lower Upper
 56 100
 69 30.9 23.9 35.9
 84 85.9 68.1 102.1



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 8.735 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

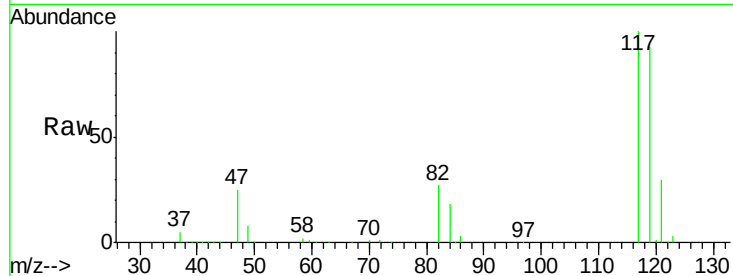
VSTD01006

Tgt Ion:117 Resp: 249189

Ion Ratio Lower Upper

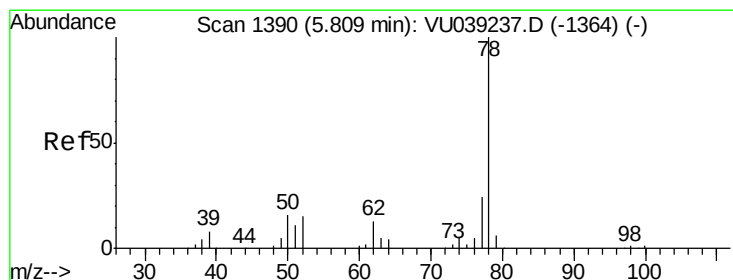
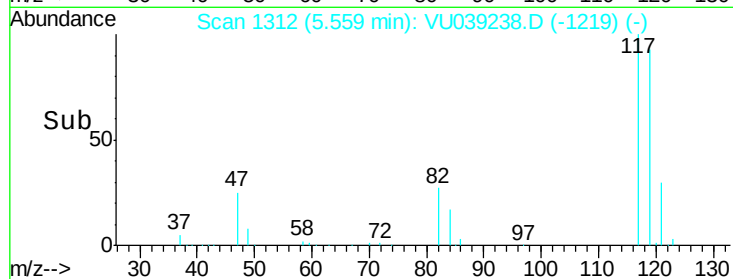
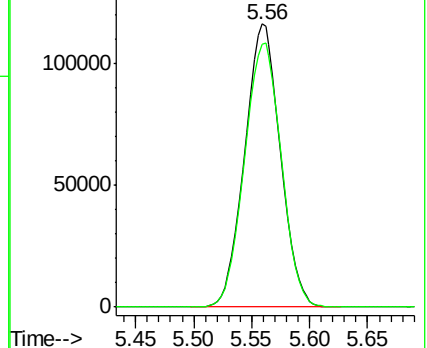
117 100

119 96.1 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 8.594 ug/L

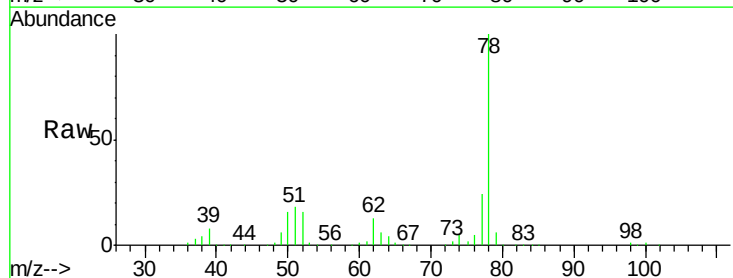
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

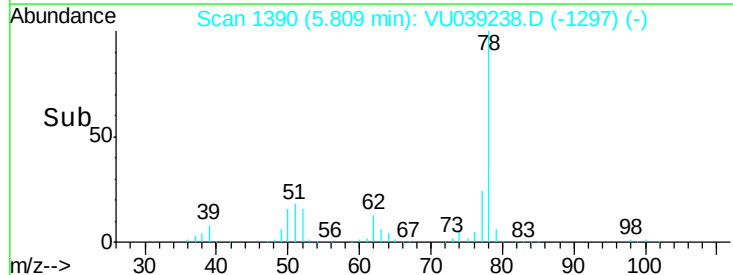
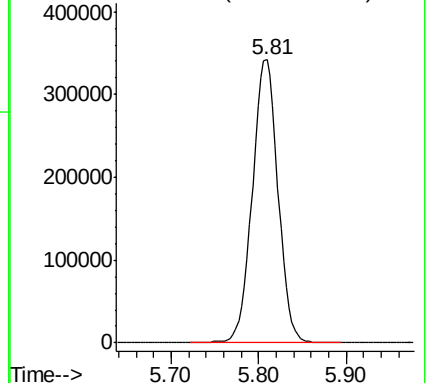
Lab File: VU039238.D

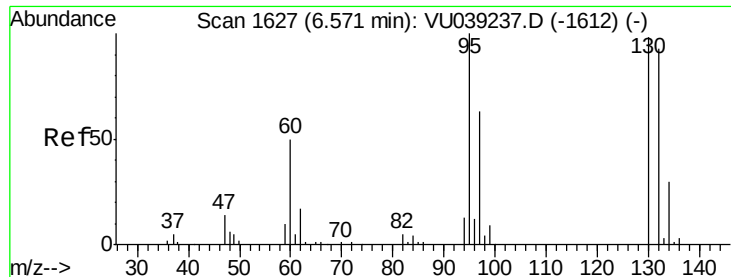
Acq: 30 Jun 2020 14:38

Tgt Ion: 78 Resp: 696505



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 8.669 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD01006

Tgt Ion: 95 Resp: 179774

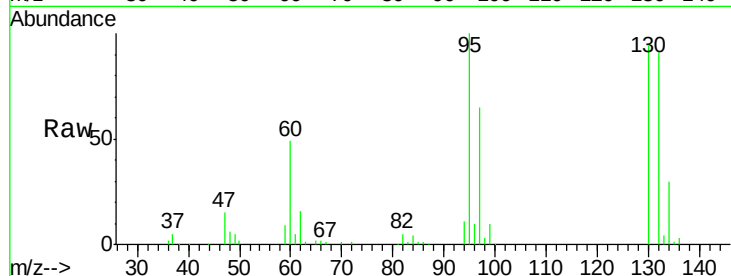
Ion Ratio Lower Upper

95 100

97 65.2 44.0 81.8

132 91.2 64.9 120.5

130 94.0 68.7 127.5

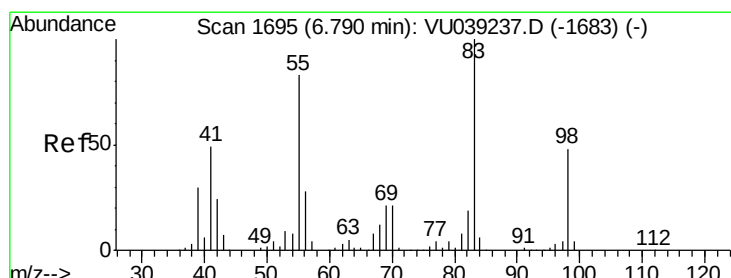
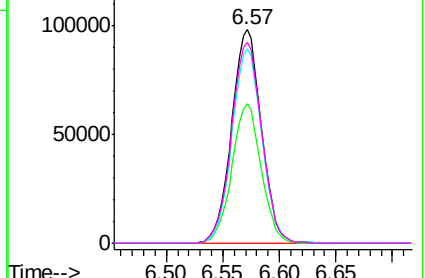
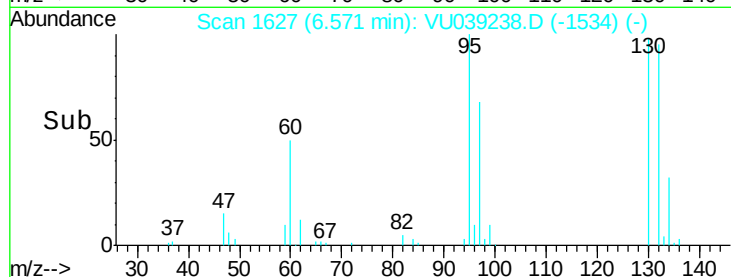


Abundance Ion 95.00 (94.70 to 95.70): VU039238.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU039238.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU039238.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU039238.D (-1612) (-)



#35

Methylcyclohexane

Concen: 9.344 ug/L

RT: 6.79 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

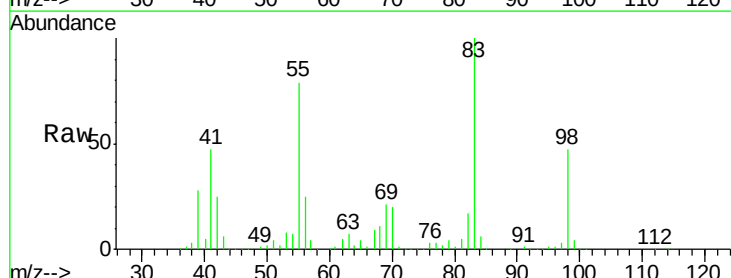
Tgt Ion: 83 Resp: 287367

Ion Ratio Lower Upper

83 100

55 80.3 64.4 96.6

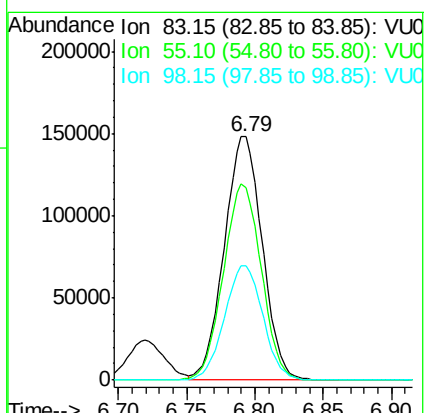
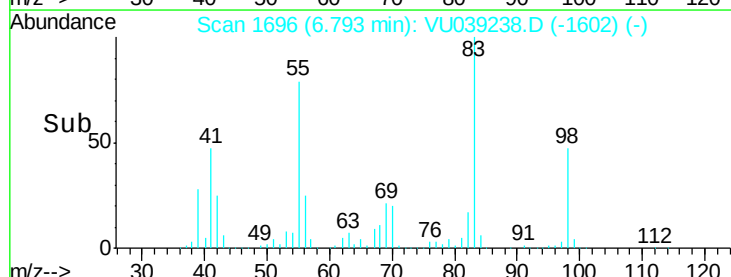
98 47.4 37.9 56.9

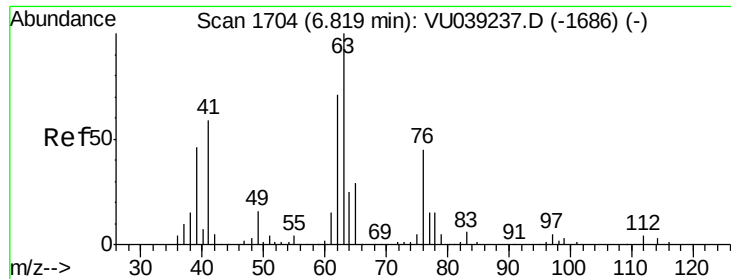


Abundance Ion 83.15 (82.85 to 83.85): VU039238.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039238.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039238.D (-1683) (-)

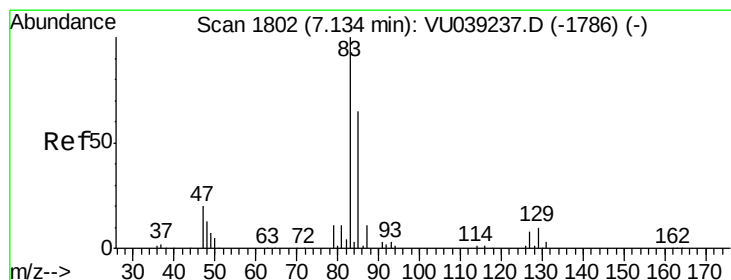
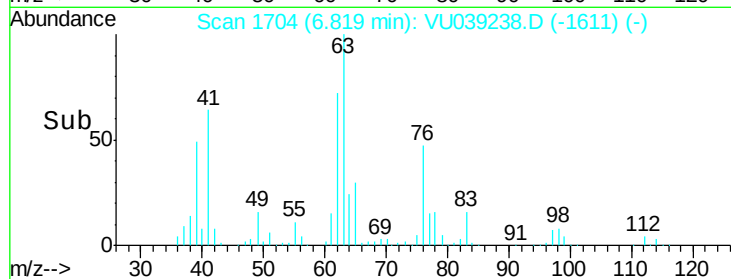
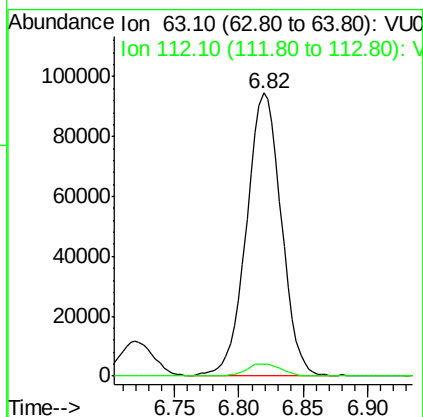
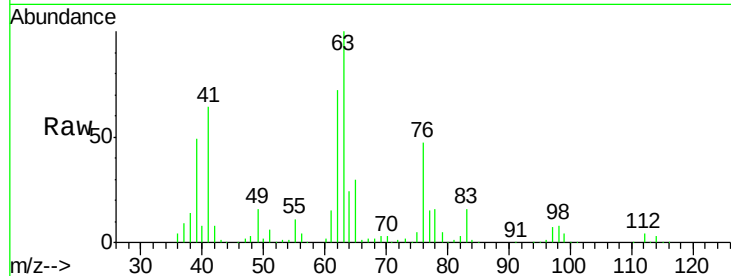




#37
 1,2-Dichloropropane
 Concen: 8.291 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

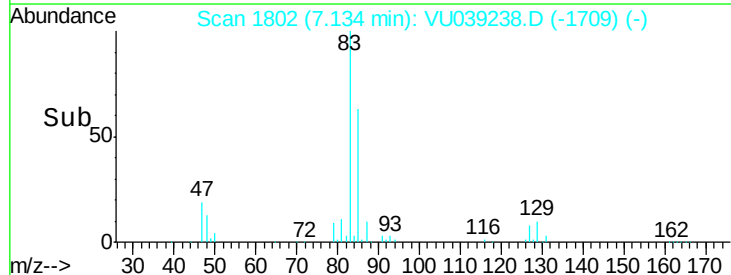
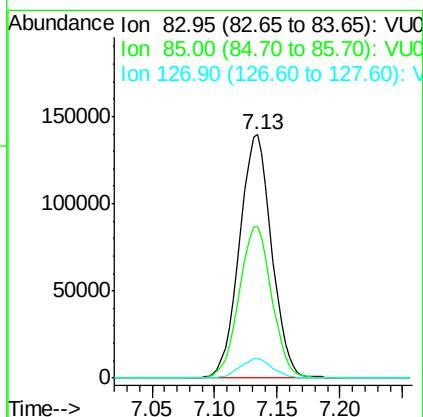
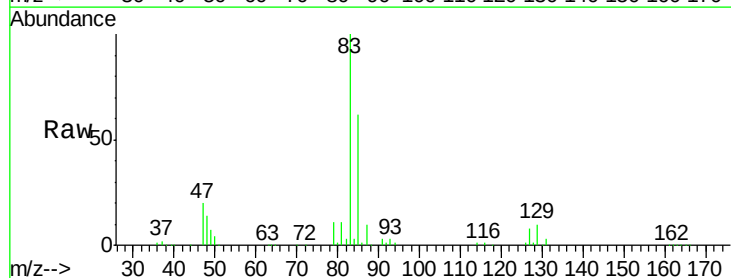
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

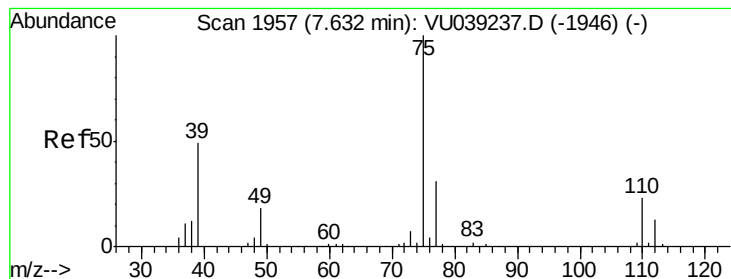
Tgt Ion: 63 Resp: 177507
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.6 5.4



#38
 Bromodichloromethane
 Concen: 8.981 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

Tgt Ion: 83 Resp: 250238
 Ion Ratio Lower Upper
 83 100
 85 62.4 45.6 84.8
 127 8.1 6.1 9.1



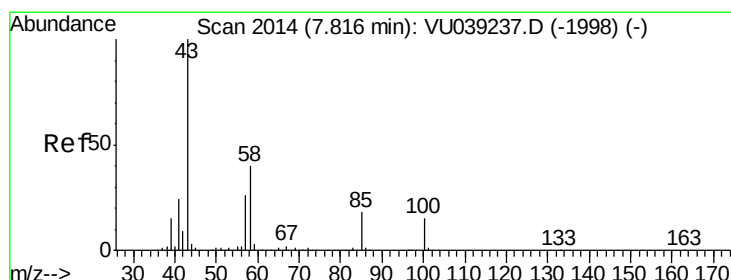
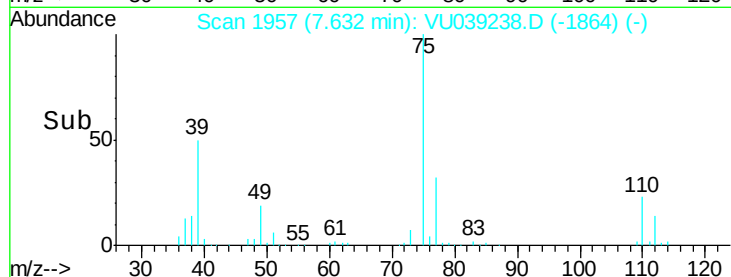
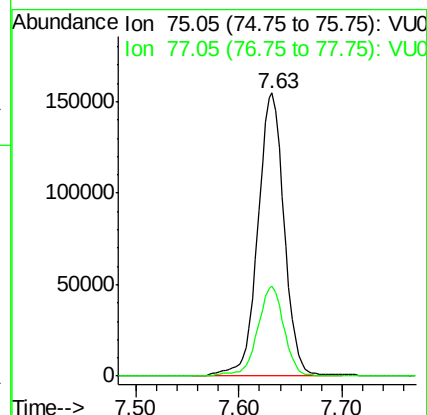
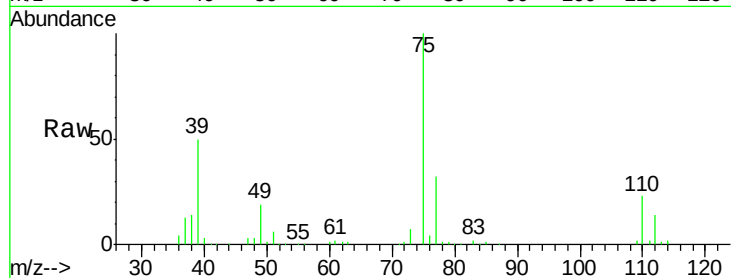


#39

cis-1,3-Dichloropropene
Concen: 8.919 ug/L
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD01006

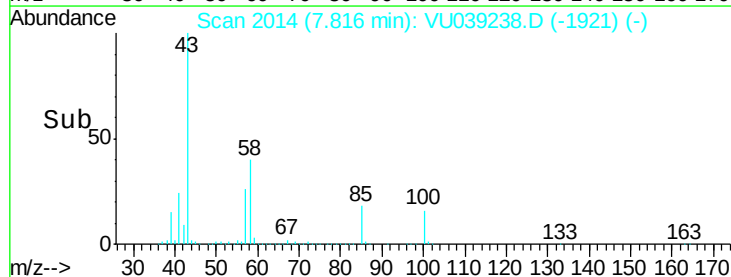
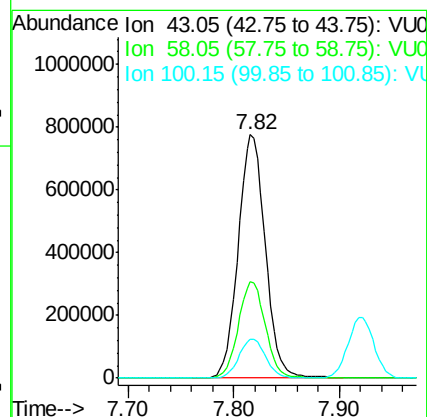
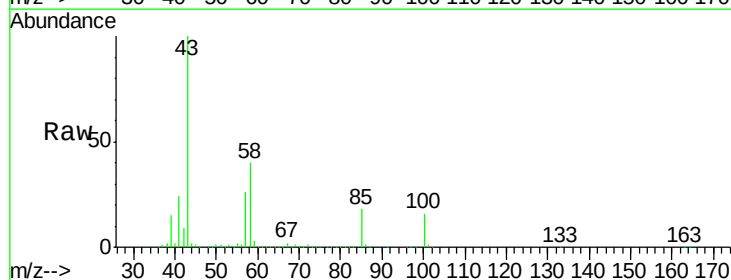
Tgt Ion: 75 Resp: 273250
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.7

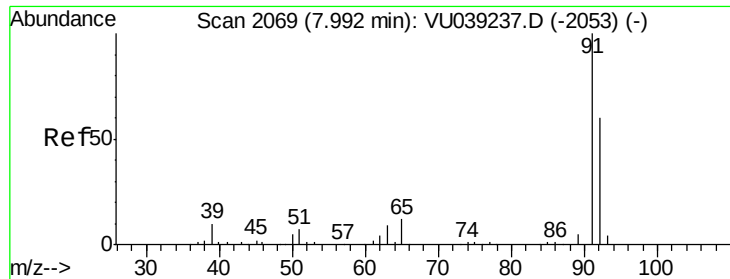


#40

4-Methyl-2-pentanone
Concen: 89.279 ug/L
RT: 7.82 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Tgt Ion: 43 Resp: 1378048
Ion Ratio Lower Upper
43 100
58 39.7 31.1 46.7
100 15.9 12.4 18.6





#42

Toluene

Concen: 9.040 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

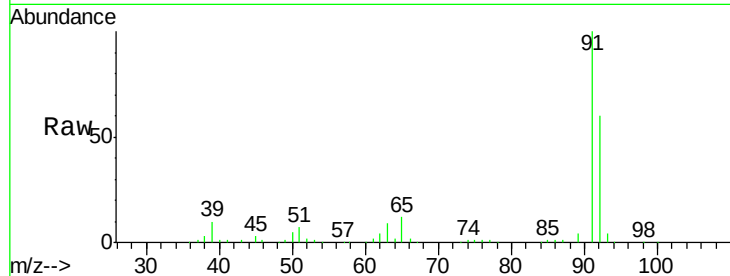
VSTD01006

Tgt Ion: 91 Resp: 731242

Ion Ratio Lower Upper

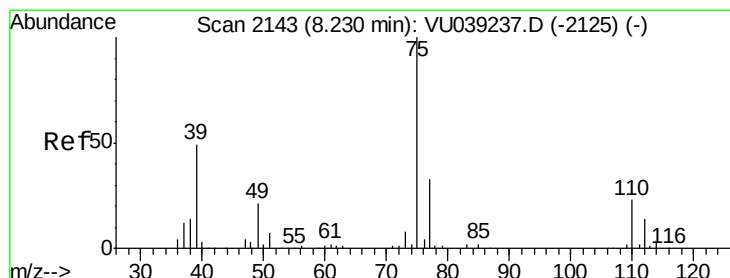
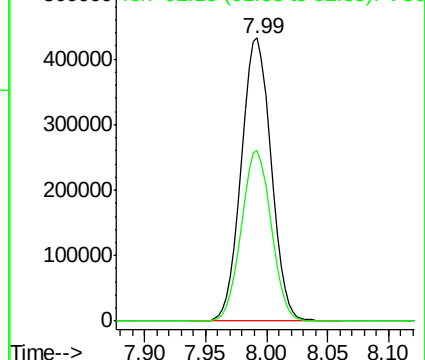
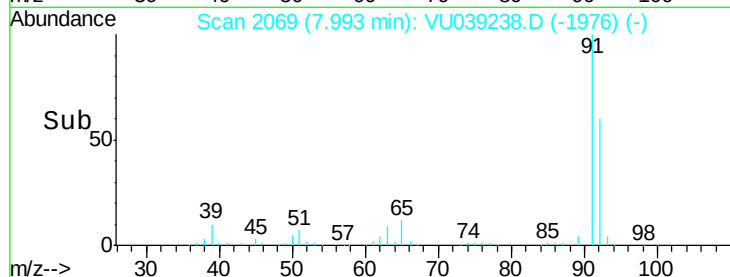
91 100

92 60.3 41.7 77.5



Abundance Ion 91.15 (90.85 to 91.85): VU039238.D (-1976) (-)

Ion 92.15 (91.85 to 92.85): VU039238.D (-1976) (-)



#44

trans-1,3-Dichloropropene

Concen: 8.510 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VU039238.D

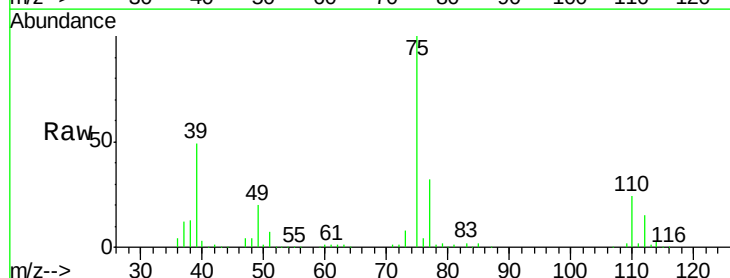
Acq: 30 Jun 2020 14:38

Tgt Ion: 75 Resp: 257218

Ion Ratio Lower Upper

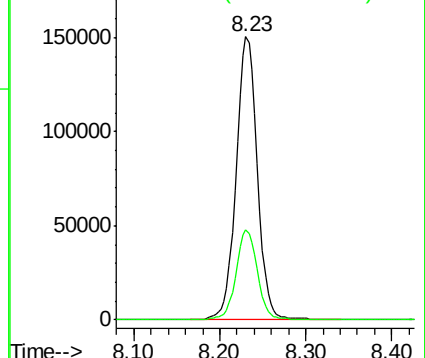
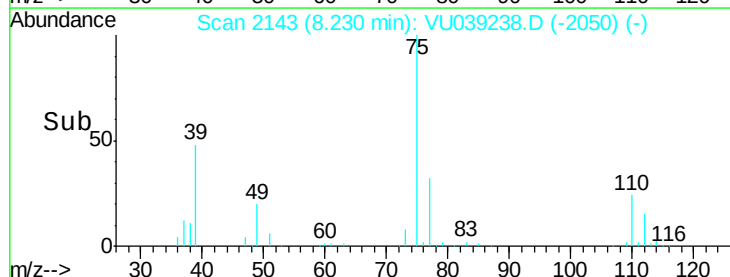
75 100

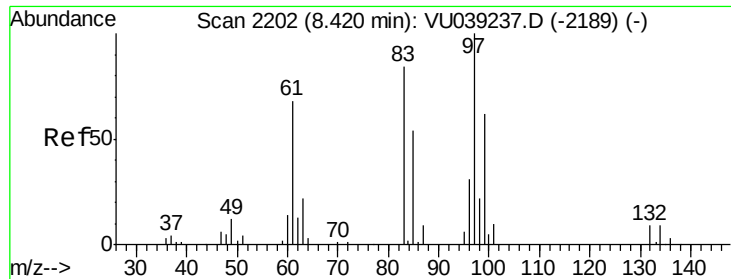
77 31.8 22.9 42.5



Abundance Ion 75.05 (74.75 to 75.75): VU039238.D (-2050) (-)

Ion 77.05 (76.75 to 77.75): VU039238.D (-2050) (-)

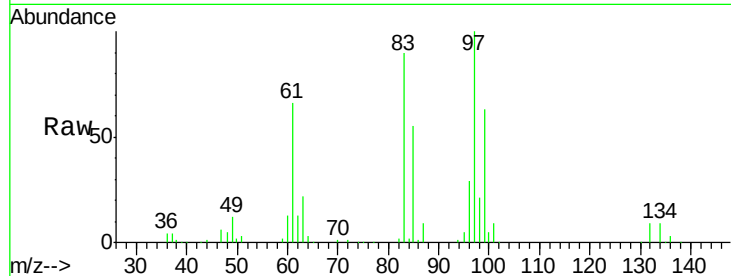




#45
 1,1,2-Trichloroethane
 Concen: 8.617 ug/L
 RT: 8.42 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

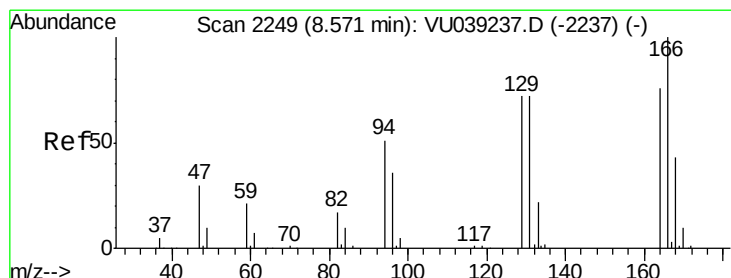
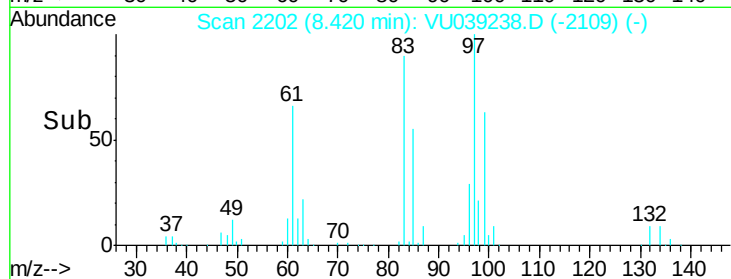
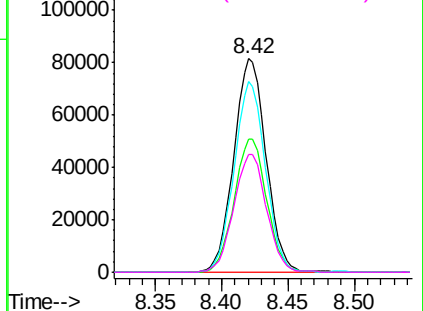
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Tgt Ion:	97	Resp:	137665
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.7	81.1
83	89.5	58.9	109.3
85	55.2	37.9	70.3



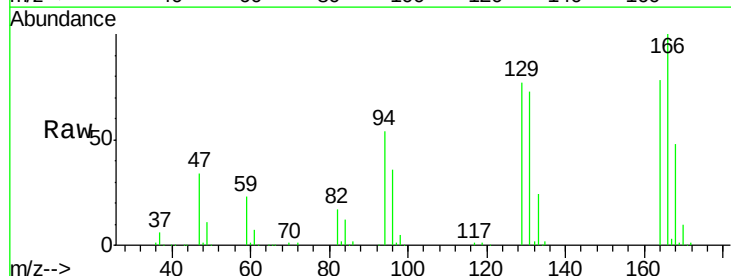
Abundance

Ion 96.95 (96.65 to 97.65): VU039238.D (-2109) (-)



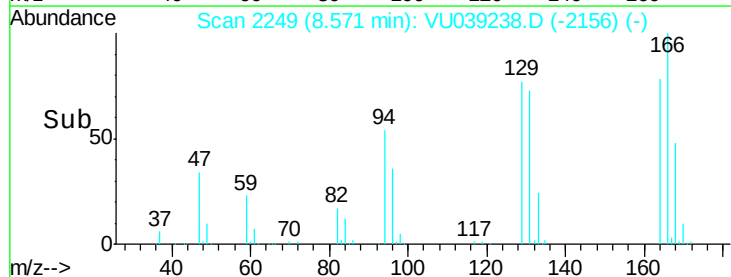
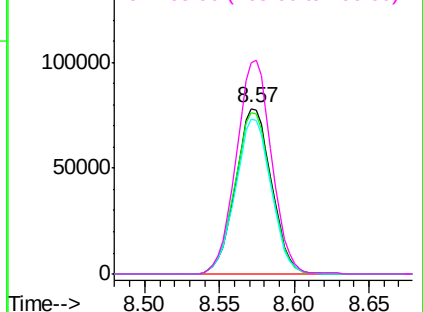
#47
 Tetrachloroethene
 Concen: 8.783 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

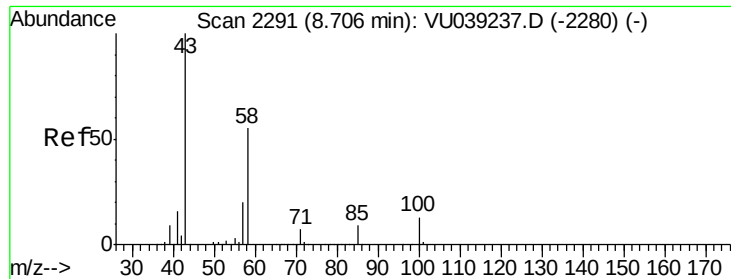
Tgt Ion:	164	Resp:	130846
Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.4	123.4
131	93.8	66.7	123.9
166	128.0	92.3	171.5



Abundance

Ion 163.90 (163.60 to 164.60): VU039238.D (-2156) (-)



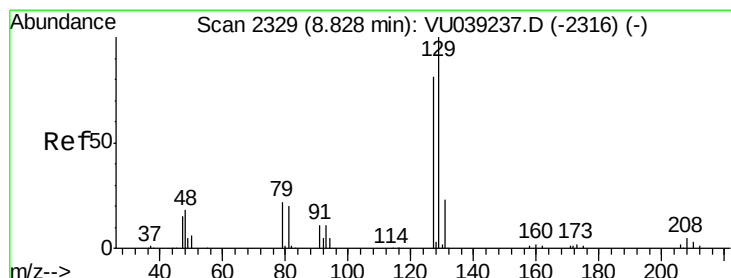
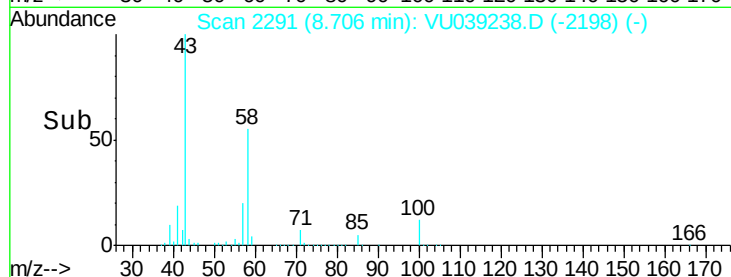
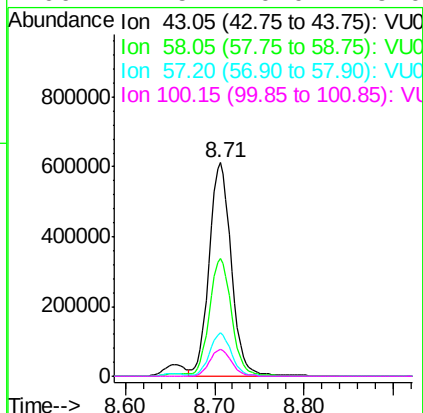
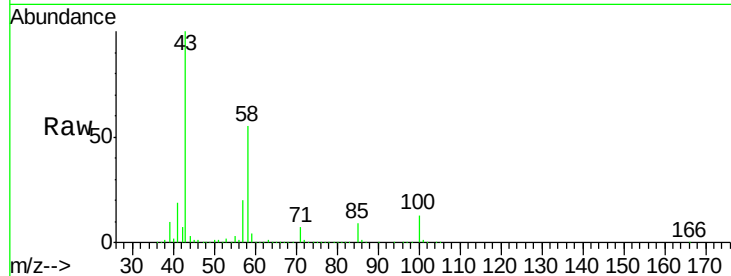


#48
2-Hexanone
Concen: 88.932 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD01006

Tgt Ion: 43 Resp: 1052404

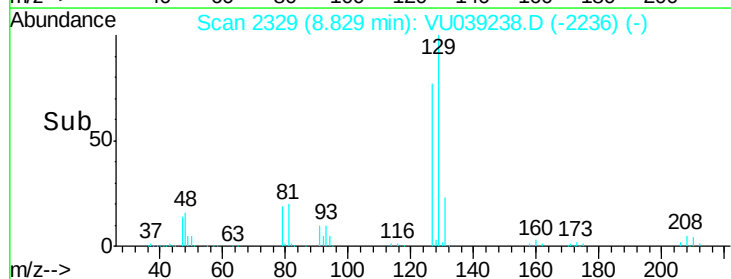
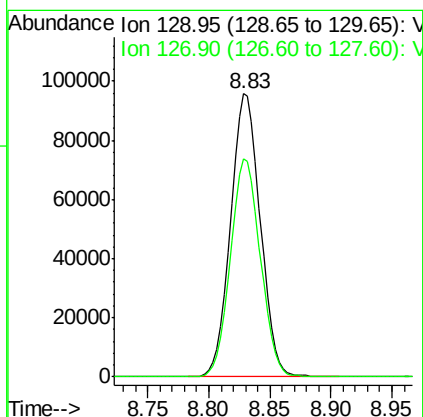
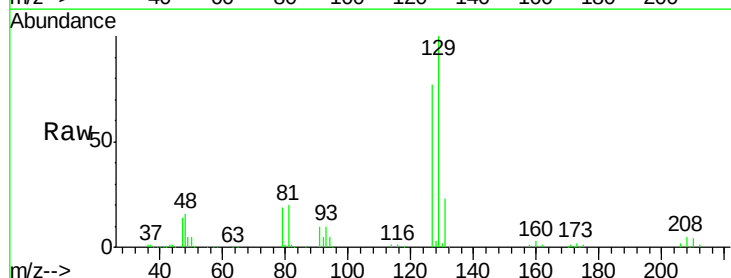
Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.6	65.4
57	19.9	15.5	23.3
100	12.5	10.0	15.0

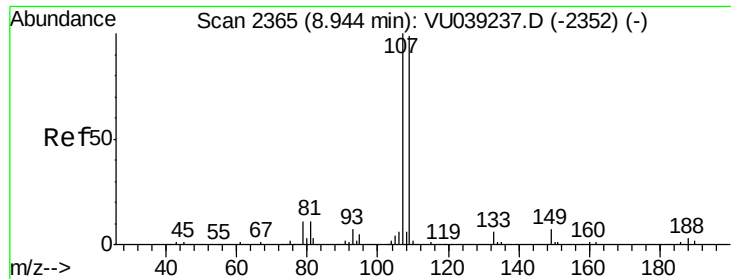


#49
Dibromochloromethane
Concen: 8.793 ug/L
RT: 8.83 min Scan# 2329
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Tgt Ion: 129 Resp: 162510

Ion	Ratio	Lower	Upper
129	100		
127	77.1	56.8	105.4

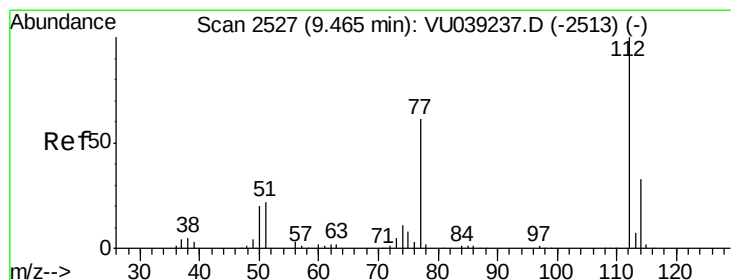
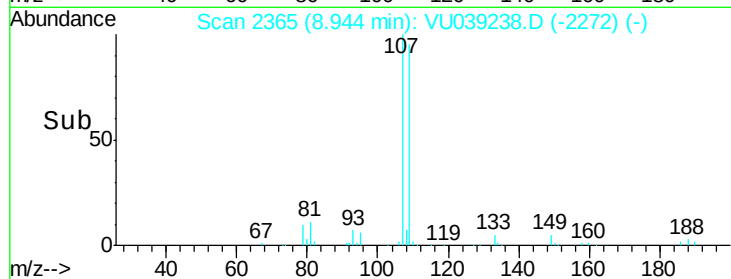
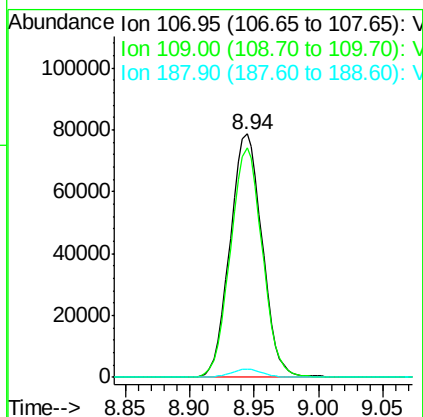
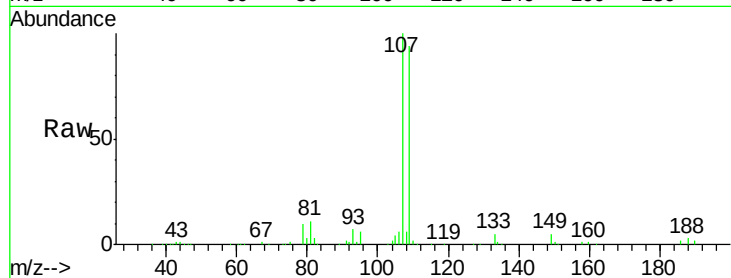




#50
1,2-Dibromoethane
Concen: 8.711 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

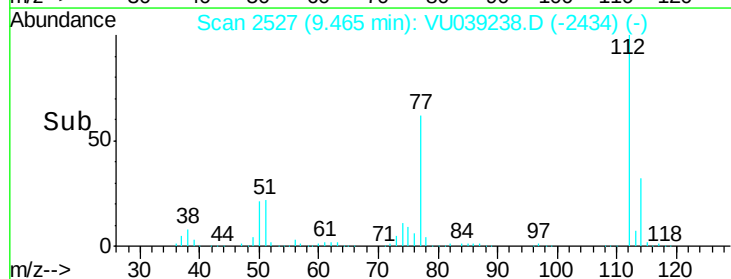
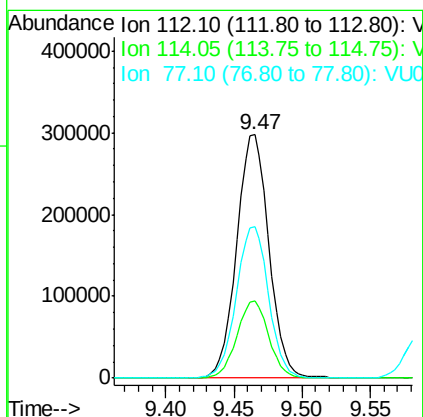
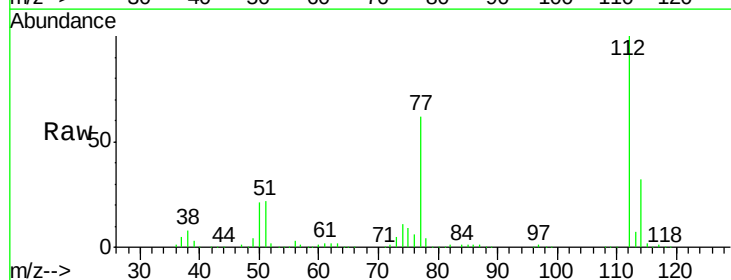
Instrument :
MSVOA_U
ClientSampleId :
VSTD01006

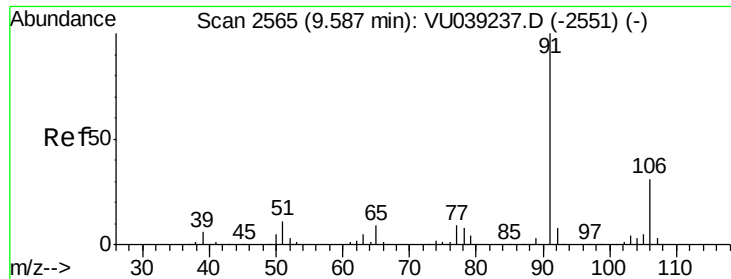
Tgt Ion:107 Resp: 136220
Ion Ratio Lower Upper
107 100
109 94.3 69.0 128.1
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 9.324 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Tgt Ion:112 Resp: 489502
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 62.4 49.7 74.5





#52

Ethylbenzene

Concen: 9.817 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

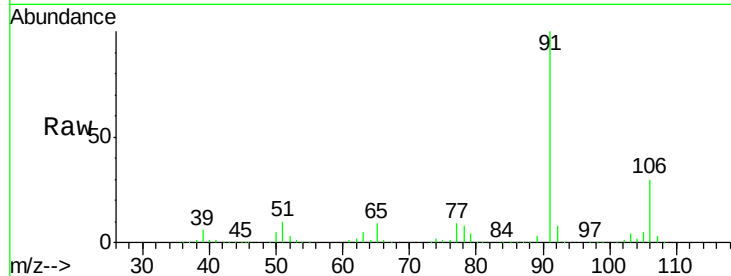
VSTD01006

Tgt Ion: 91 Resp: 864623

Ion Ratio Lower Upper

91 100

106 30.2 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

9.59

600000

500000

400000

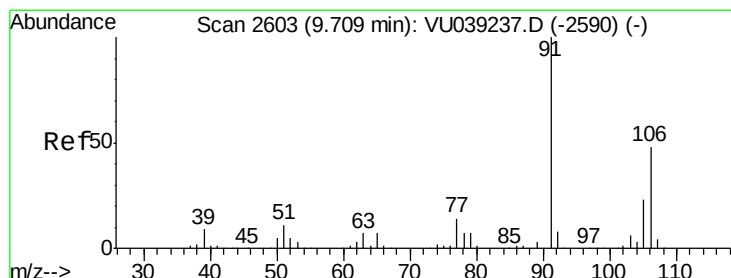
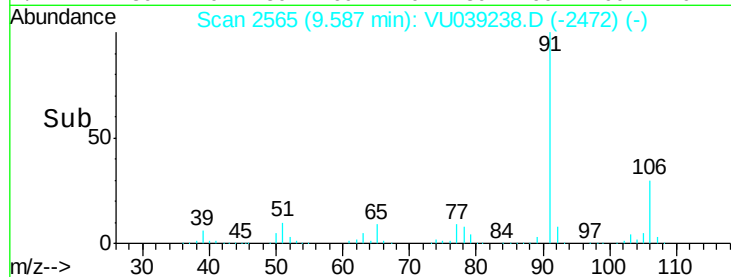
300000

200000

100000

0

Time-->



#53

m,p-Xylene

Concen: 10.291 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VU039238.D

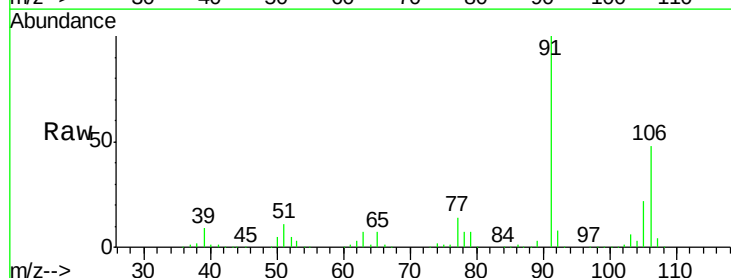
Acq: 30 Jun 2020 14:38

Tgt Ion: 106 Resp: 334970

Ion Ratio Lower Upper

106 100

91 207.4 147.3 273.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

9.71

500000

400000

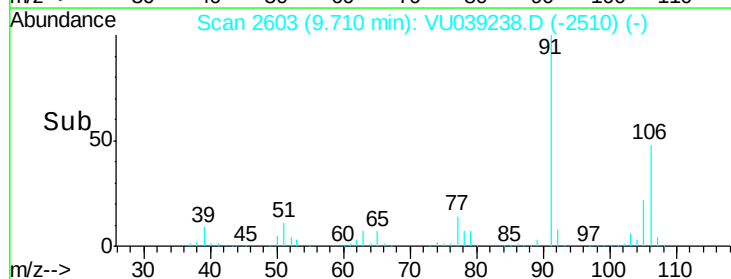
300000

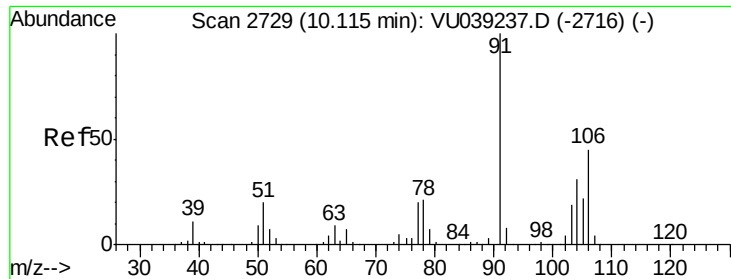
200000

100000

0

Time-->

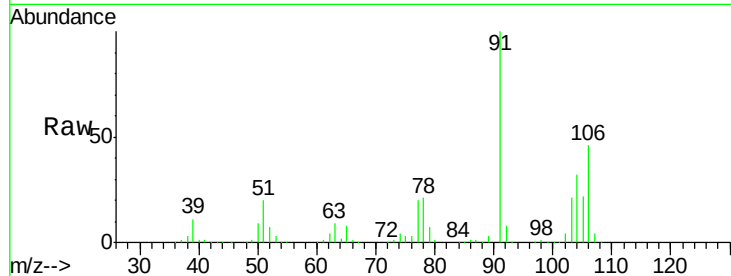




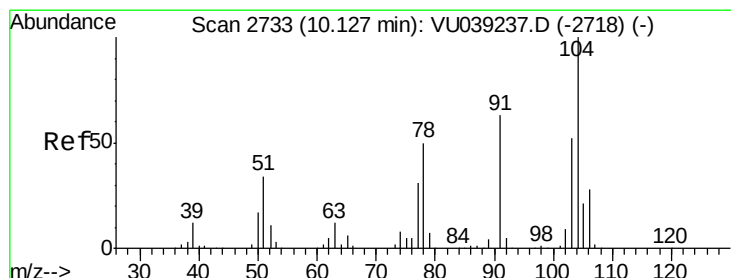
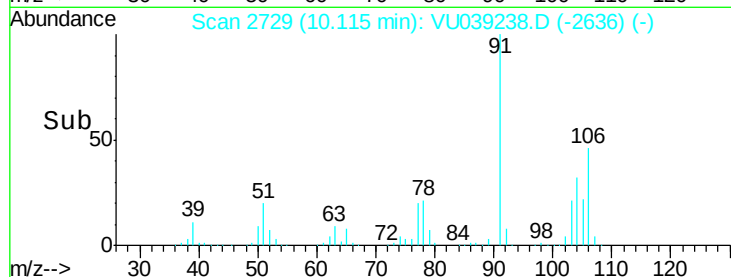
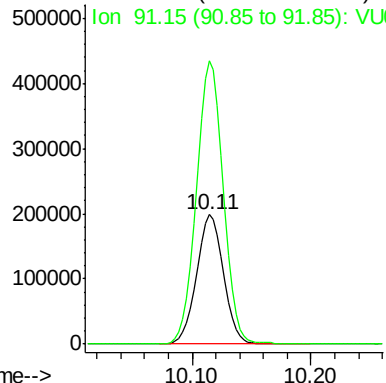
#54
o-Xylene
Concen: 9.965 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Instrument :
MSVOA_U
ClientSampleId :
VSTD01006

Tgt Ion:106 Resp: 309556
Ion Ratio Lower Upper
106 100
91 218.7 154.2 286.4

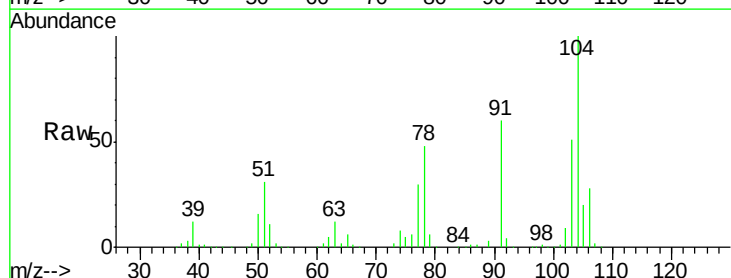


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

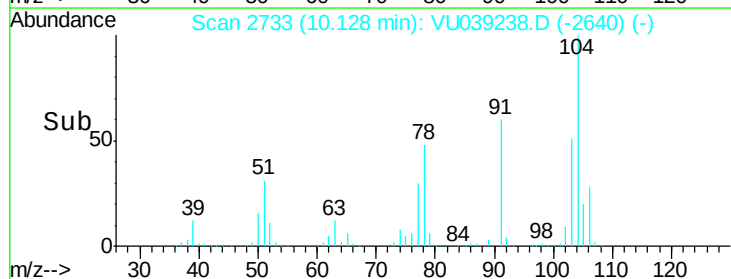
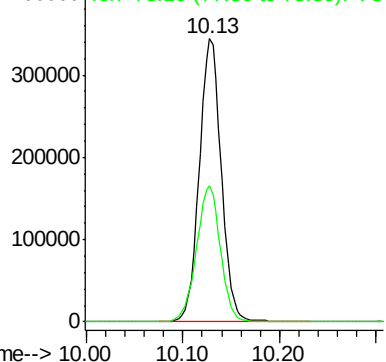


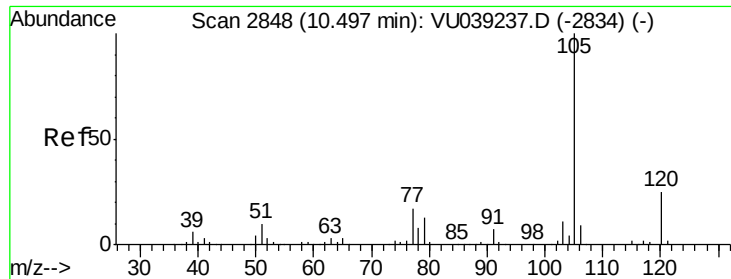
#55
Styrene
Concen: 10.062 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU039238.D
Acq: 30 Jun 2020 14:38

Tgt Ion:104 Resp: 542359
Ion Ratio Lower Upper
104 100
78 48.0 35.1 65.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 10.393 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD01006

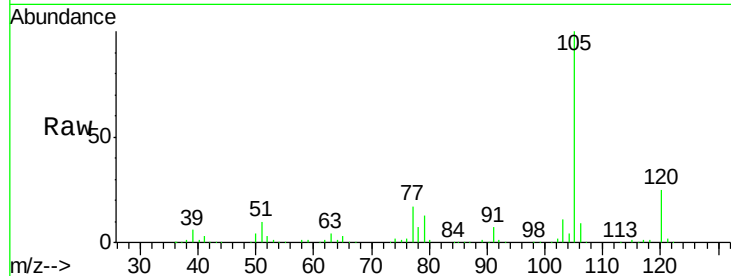
Tgt Ion:105 Resp: 831224

Ion Ratio Lower Upper

105 100

120 25.5 20.4 30.6

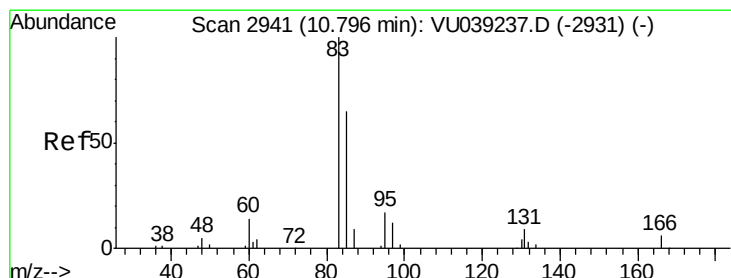
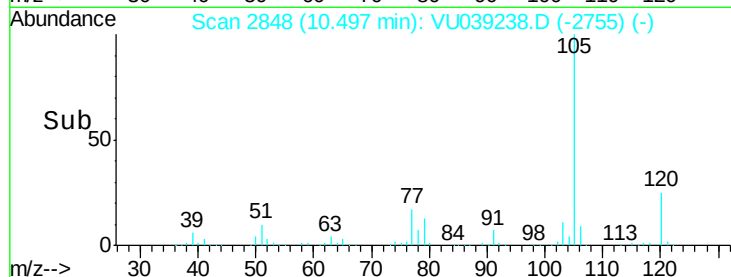
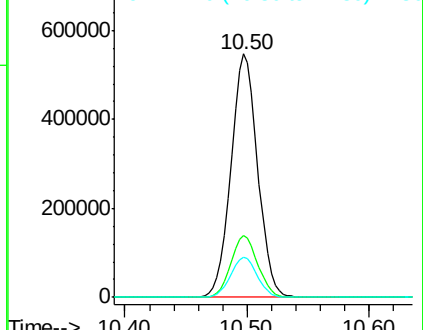
77 16.7 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 8.646 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

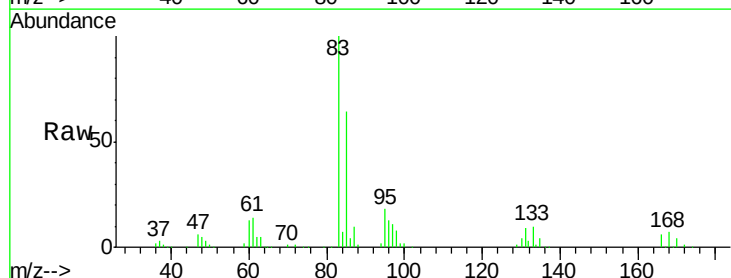
Tgt Ion: 83 Resp: 174880

Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.4

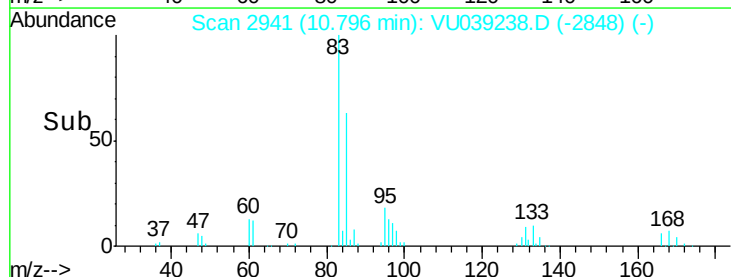
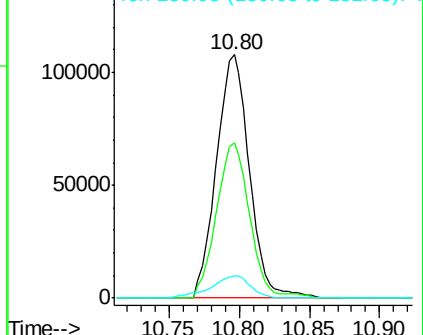
131 9.0 8.4 12.6

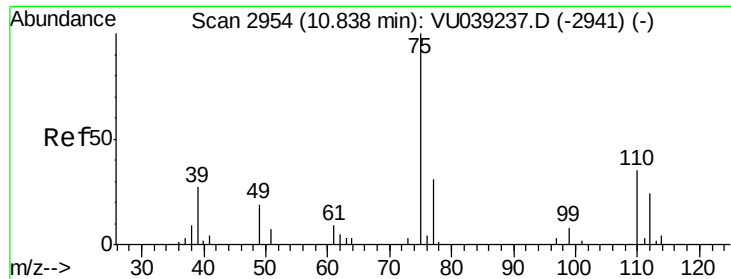


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V

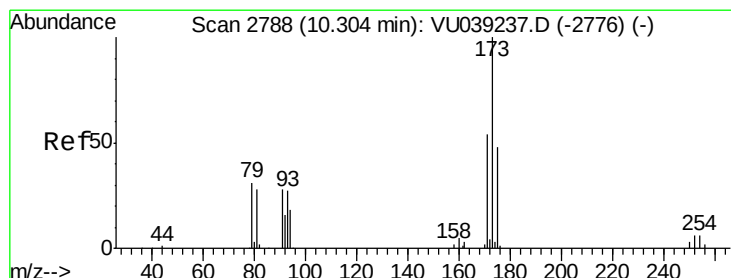
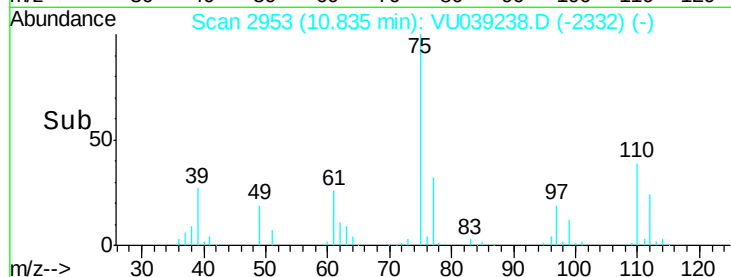
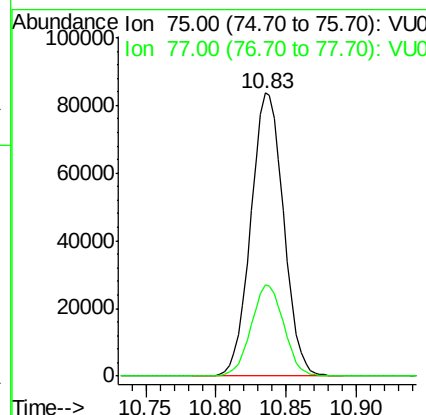
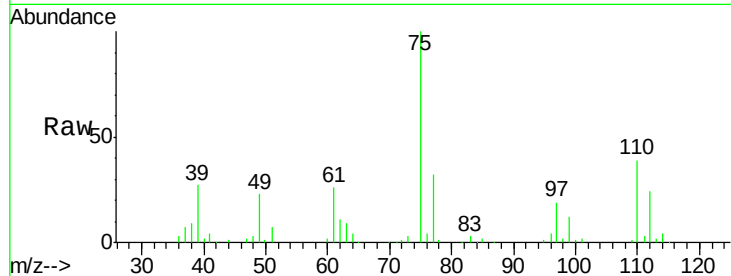




#59
 1,2,3-Trichloropropane
 Concen: 8.694 ug/L
 RT: 10.83 min Scan# 2953
 Delta R.T. -0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

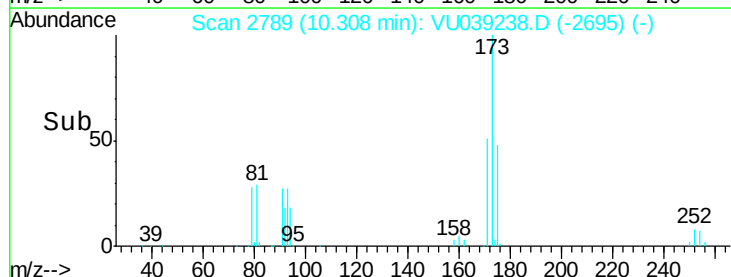
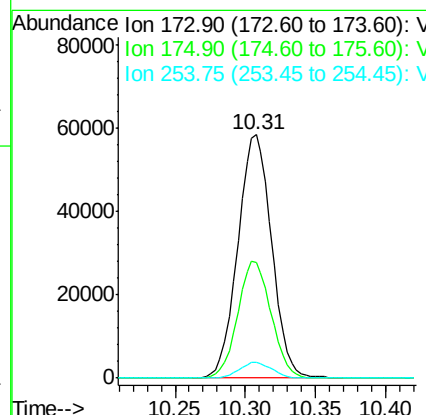
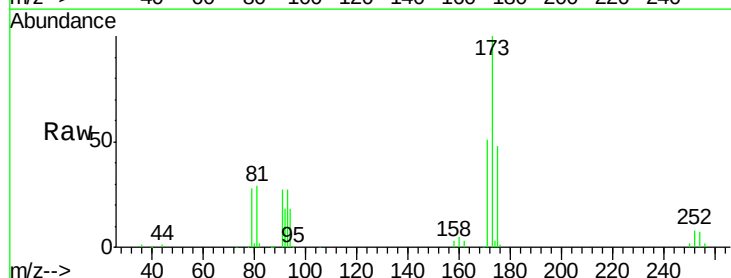
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

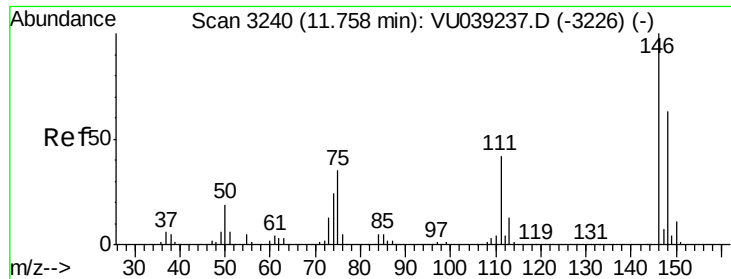
Tgt Ion: 75 Resp: 136502
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8



#61
 Bromoform
 Concen: 9.883 ug/L
 RT: 10.31 min Scan# 2789
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

Tgt Ion: 173 Resp: 98305
 Ion Ratio Lower Upper
 173 100
 175 47.4 38.6 58.0
 254 6.2 5.0 7.6

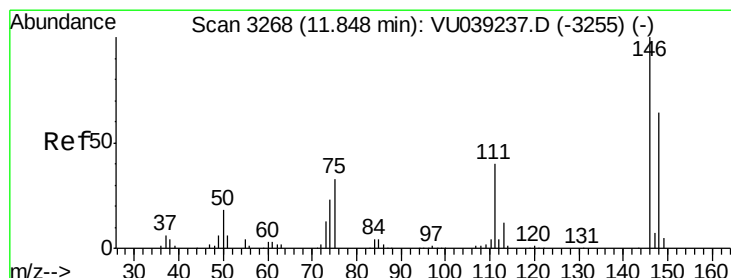
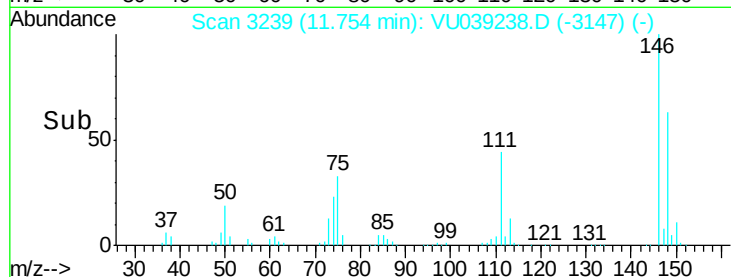
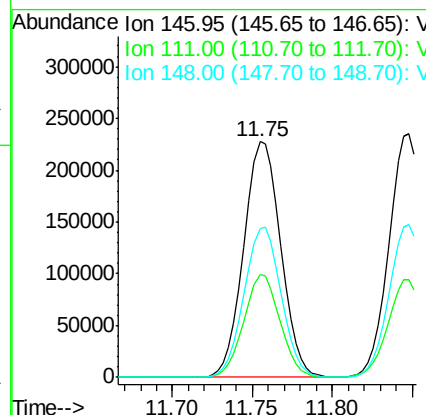
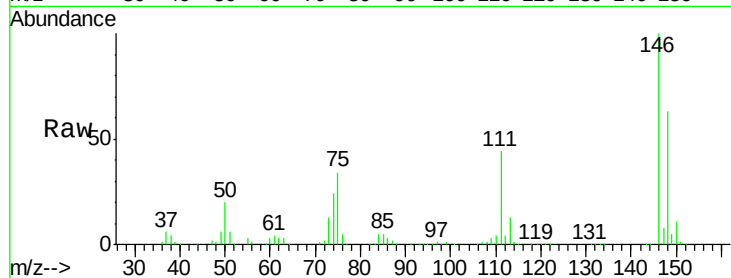




#62
 1,3-Dichlorobenzene
 Concen: 9.132 ug/L
 RT: 11.75 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

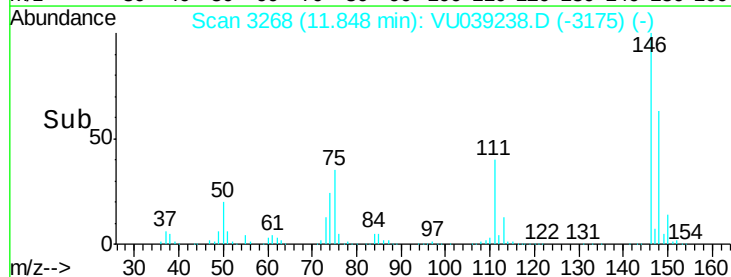
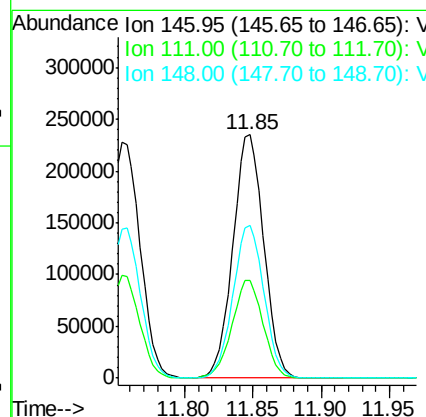
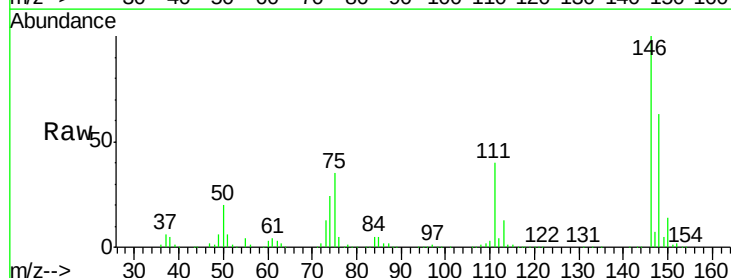
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

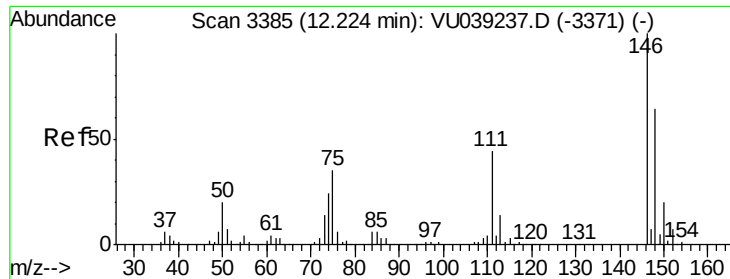
Tgt Ion:146 Resp: 358855
 Ion Ratio Lower Upper
 146 100
 111 43.6 29.6 55.0
 148 63.2 44.0 81.8



#63
 1,4-Dichlorobenzene
 Concen: 9.298 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

Tgt Ion:146 Resp: 368801
 Ion Ratio Lower Upper
 146 100
 111 39.9 28.3 52.5
 148 62.7 44.6 82.8

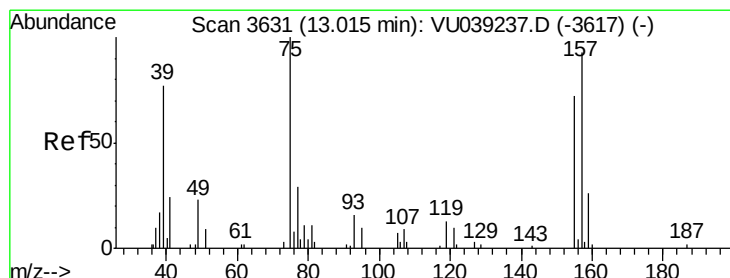
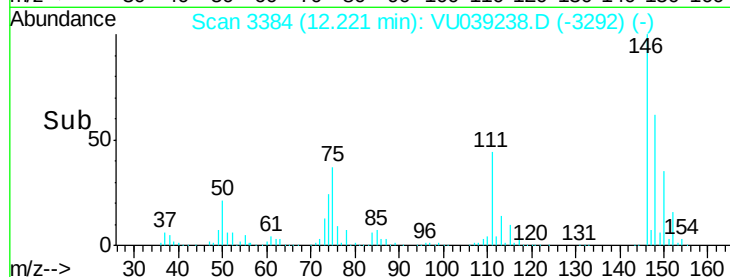
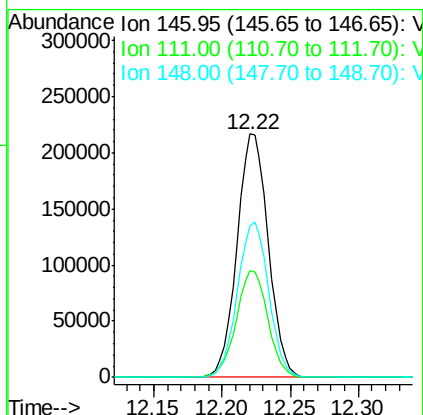
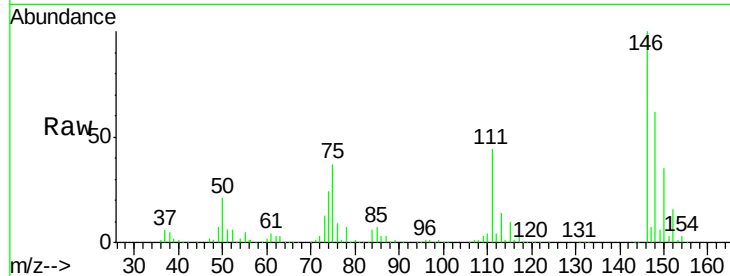




#65
 1,2-Dichlorobenzene
 Concen: 9.115 ug/L
 RT: 12.22 min Scan# 3384
 Delta R.T. -0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

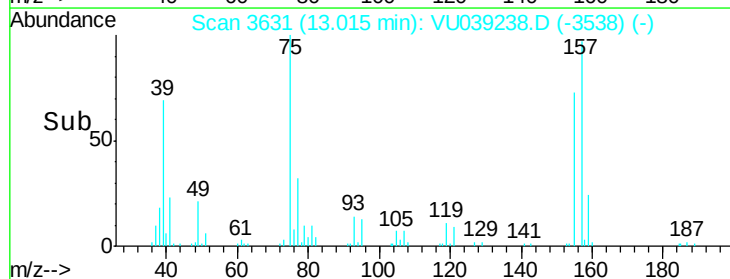
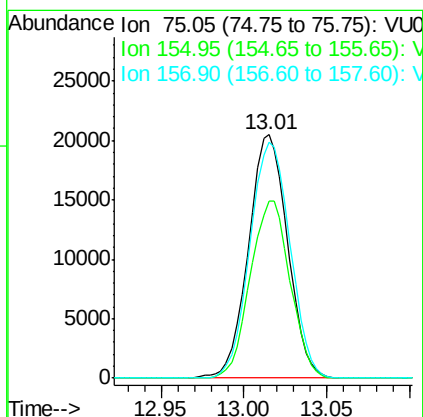
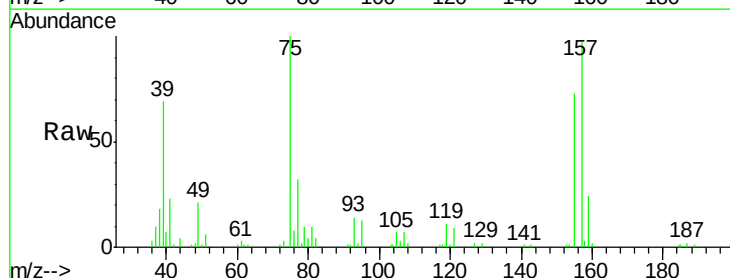
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

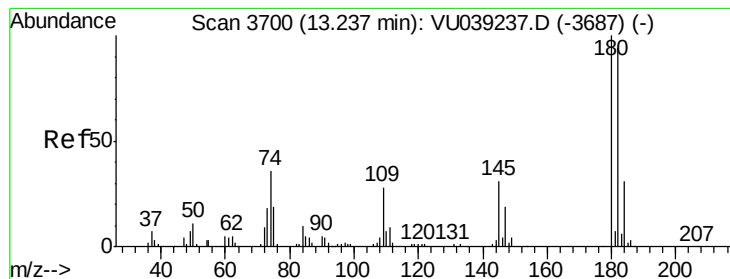
Tgt Ion: 146 Resp: 344180
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.1 52.7
 148 62.1 51.4 77.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 8.909 ug/L
 RT: 13.01 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VU039238.D
 Acq: 30 Jun 2020 14:38

Tgt Ion: 75 Resp: 33543
 Ion Ratio Lower Upper
 75 100
 155 72.7 57.9 86.9
 157 97.0 74.2 111.2





#67

1,3,5-Trichlorobenzene

Concen: 9.189 ug/L

RT: 13.24 min Scan# 3700

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD01006

Tgt Ion:180 Resp: 263091

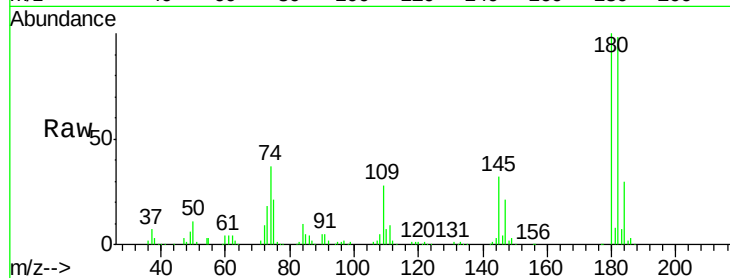
Ion Ratio Lower Upper

180 100

182 97.4 75.5 113.3

184 30.3 24.6 37.0

145 31.9 24.2 36.2

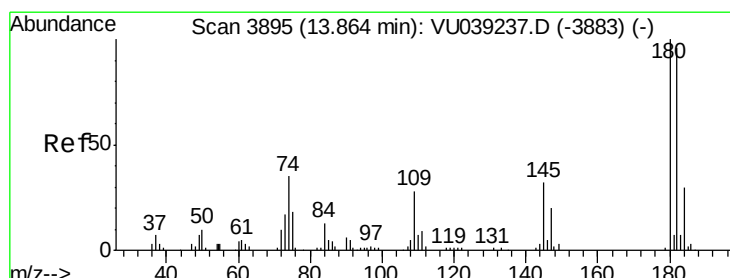
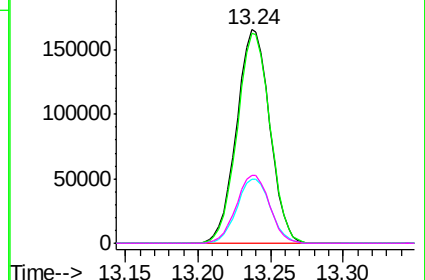
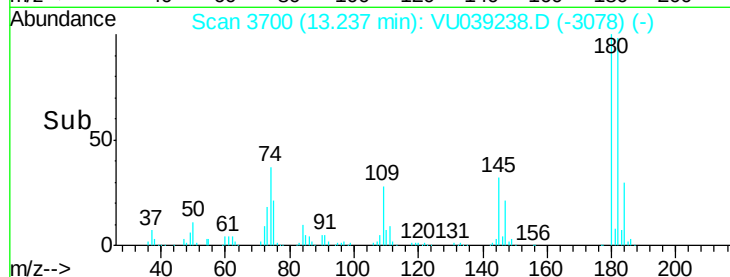


Abundance Ion 180.00 (179.70 to 180.70): V

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: 9.776 ug/L

RT: 13.86 min Scan# 3895

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

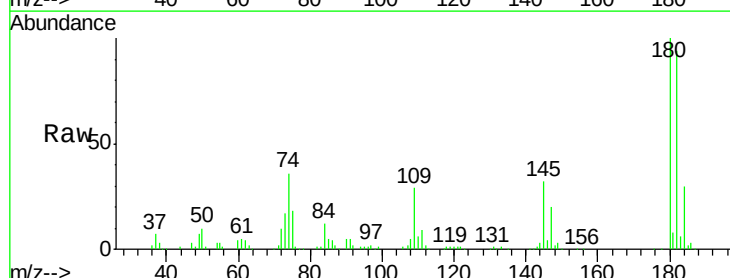
Tgt Ion:180 Resp: 242251

Ion Ratio Lower Upper

180 100

182 94.4 78.3 117.5

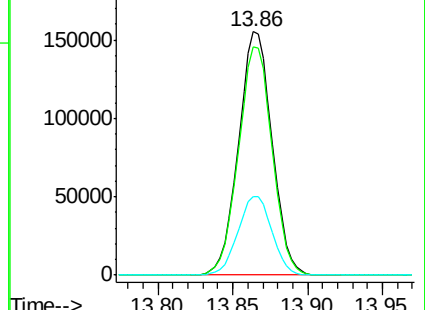
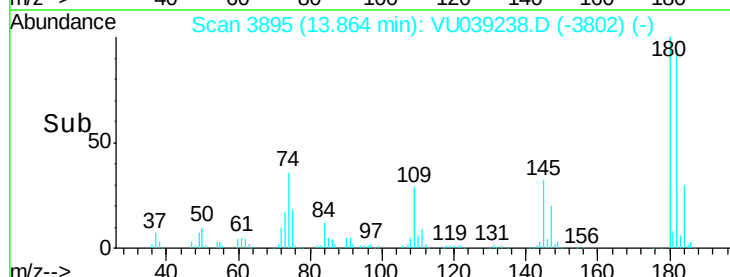
145 32.7 25.9 38.9

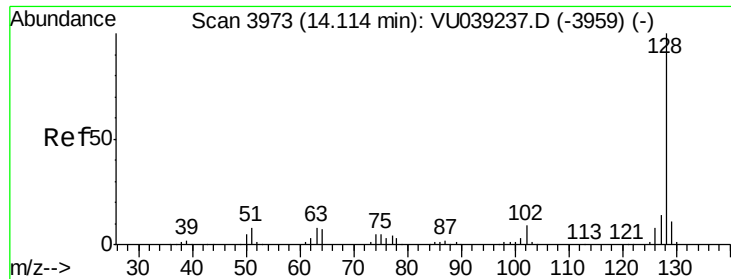


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 10.109 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTD01006

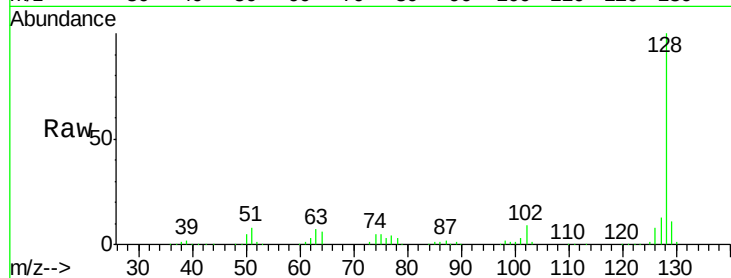
Tgt Ion:128 Resp: 475549

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

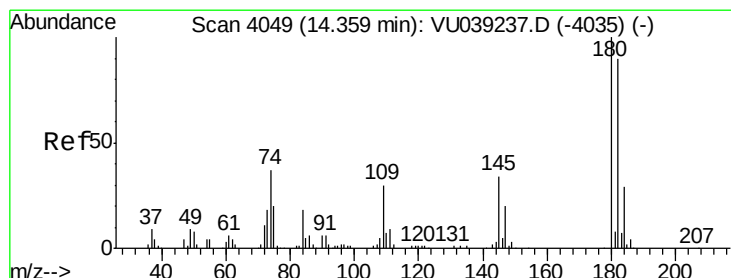
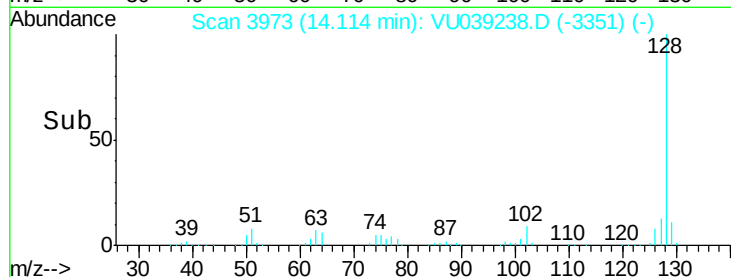
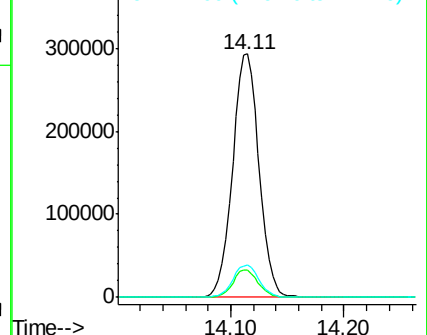
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 9.662 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. 0.00 min

Lab File: VU039238.D

Acq: 30 Jun 2020 14:38

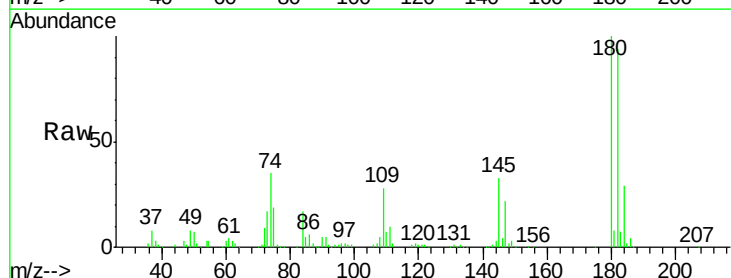
Tgt Ion:180 Resp: 228618

Ion Ratio Lower Upper

180 100

182 94.4 73.6 110.4

145 33.2 28.0 42.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

