

Data File : VU039180.D
Acq On : 29 Jun 2020 09:58
Operator : SY/MD
Sample : VSTD001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

Quant Time: Jun 29 10:42:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 29 10:40:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	238150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	112627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22511	1.29	ug/L	0.00
7) Chloroethane-d5	1.93	69	18016	1.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	41493	1.24	ug/L	0.00
20) 2-Butanone-d5	4.68	46	66446	10.56	ug/L	0.00
24) Chloroform-d	5.10	84	39866	1.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	27137	1.29	ug/L	0.00
32) Benzene-d6	5.76	84	74254	1.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	24253	1.10	ug/L	0.00
41) Toluene-d8	7.92	98	64670	1.18	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	10284	1.07	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	42658	8.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	20370	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	26275	1.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	24428	1.146 ug/L	94
3) Chloromethane	1.53	50	26675	1.163 ug/L	94
5) Vinyl chloride	1.62	62	25558	1.105 ug/L	99
6) Bromomethane	1.88	94	13054	1.048 ug/L	93
8) Chloroethane	1.95	64	15419	1.106 ug/L	93
9) Trichlorofluoromethane	2.16	101	34024	1.149 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	19426	1.127 ug/L	99
12) 1,1-Dichloroethene	2.61	96	18113	1.098 ug/L	96
13) Acetone	2.68	43	38777	9.073 ug/L	67
14) Carbon disulfide	2.82	76	64334	1.170 ug/L	97
15) Methyl Acetate	2.99	43	11202	1.104 ug/L	98
16) Methylene chloride	3.08	84	21423	1.053 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	46885	0.999 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	19463	1.103 ug/L	98
19) 1,1-Dichloroethane	3.91	63	36818	1.049 ug/L	99
21) 2-Butanone	4.76	43	65261	10.043 ug/L	80
22) cis-1,2-Dichloroethene	4.71	96	19395	1.018 ug/L	90
23) Bromochloromethane	5.02	128	9182	1.048 ug/L	95
25) Chloroform	5.12	83	36317	1.030 ug/L	100
27) 1,2-Dichloroethane	5.83	62	28028	1.116 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	33875	1.148 ug/L	96
30) Cyclohexane	5.42	56	28855	1.051 ug/L	98
31) Carbon tetrachloride	5.56	117	27553	1.121 ug/L	97
33) Benzene	5.81	78	77092	1.038 ug/L	100
34) Trichloroethene	6.57	95	20291	1.129 ug/L	92
35) Methylcyclohexane	6.79	83	27706	1.039 ug/L	98
37) 1,2-Dichloropropane	6.82	63	20970	1.042 ug/L	100
38) Bromodichloromethane	7.13	83	25689	1.024 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	27312	0.979 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	140058	9.325 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	75042	1.018	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	26180	1.003	ug/L	91
45) 1,1,2-Trichloroethane	8.42	97	15430	1.032	ug/L	97
47) Tetrachloroethene	8.57	164	14404	1.112	ug/L	98
48) 2-Hexanone	8.71	43	106452	9.667	ug/L	99
49) Dibromochloromethane	8.83	129	17834	1.097	ug/L	98
50) 1,2-Dibromoethane	8.94	107	14888	1.053	ug/L #	96
51) Chlorobenzene	9.46	112	49102	1.058	ug/L	99
52) Ethylbenzene	9.59	91	78755	1.016	ug/L	97
53) m,p-Xylene	9.71	106	27892	0.979	ug/L	88
54) o-Xylene	10.11	106	26476	0.967	ug/L	98
55) Styrene	10.13	104	45081	0.938	ug/L	99
56) Isopropylbenzene	10.50	105	68693	0.958	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	17467	0.873	ug/L #	99
59) 1,2,3-Trichloropropane	10.84	75	14863	0.980	ug/L	100
61) Bromoform	10.30	173	9310	1.012	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	35218	1.052	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	36996	1.073	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	38600	1.150	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	3653	0.986	ug/L	87
67) 1,3,5-Trichlorobenzene	13.24	180	26820	1.082	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	22535	0.998	ug/L	95
69) Naphthalene	14.11	128	35288	0.733	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	20259	0.930	ug/L	93

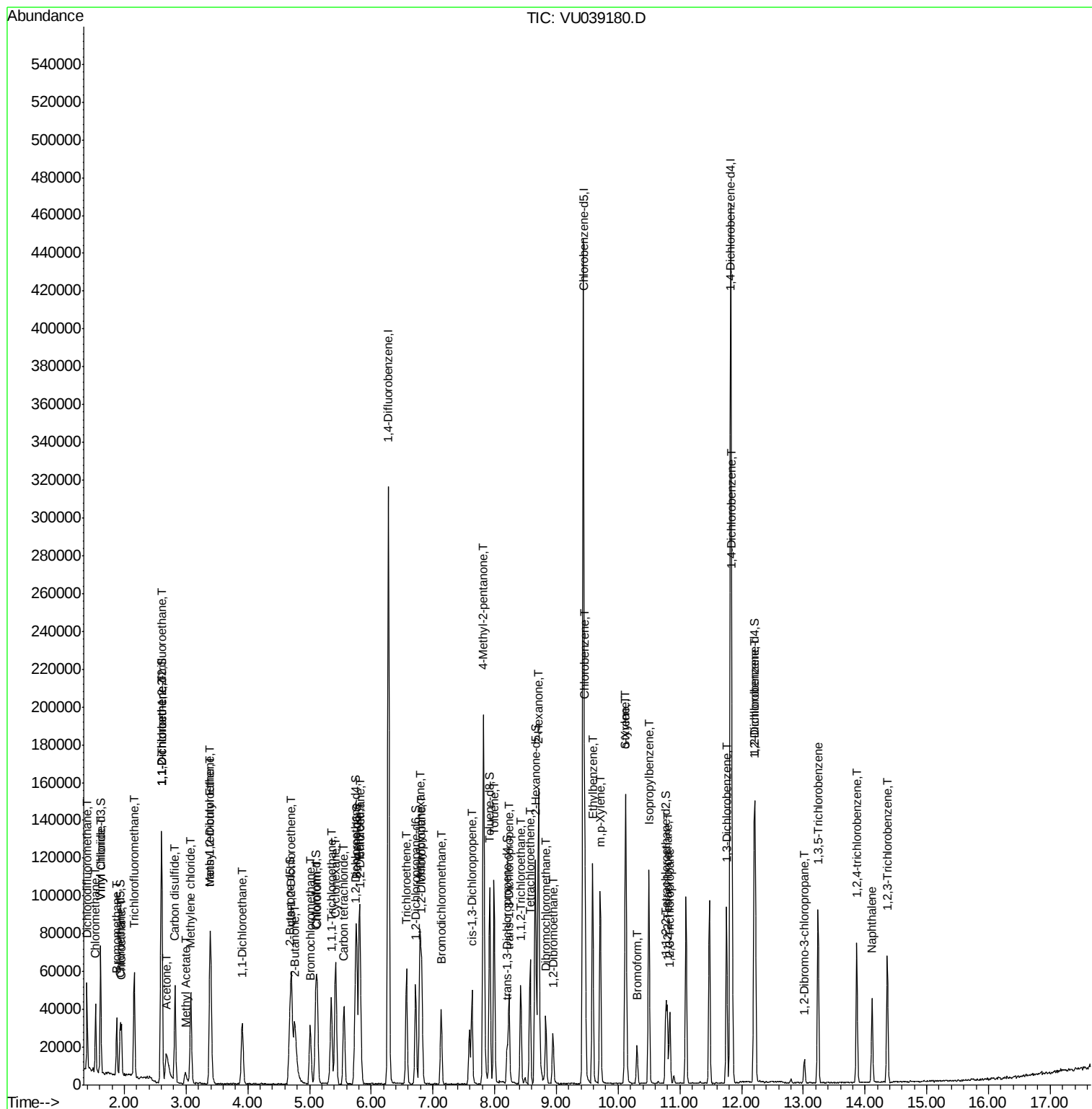
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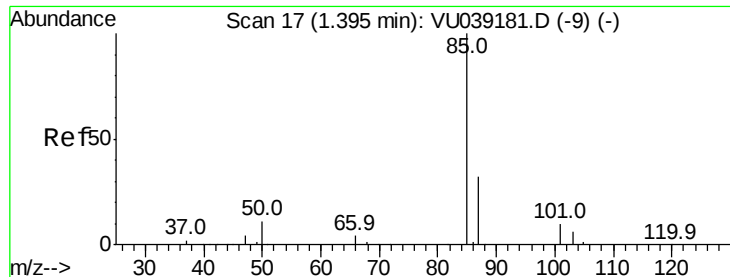
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#2

Dichlorodifluoromethane

Concen: 1.146 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

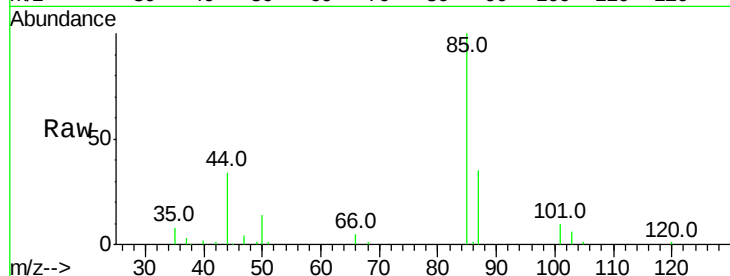
VSTD00103

Tgt Ion: 85 Resp: 24428

Ion Ratio Lower Upper

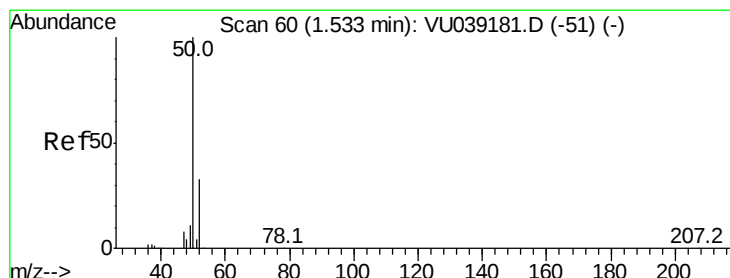
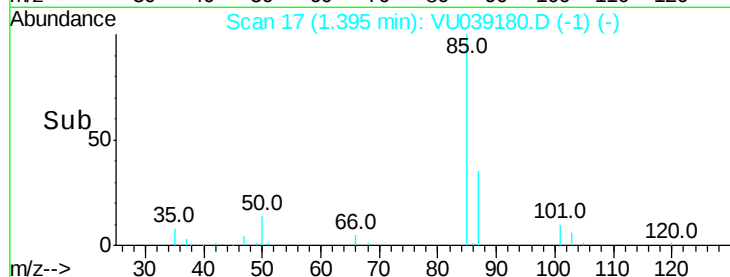
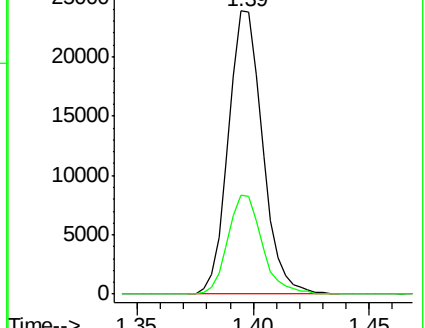
85 100

87 35.0 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VU039180.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU039180.D (-9) (-)



#3

Chloromethane

Concen: 1.163 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039180.D

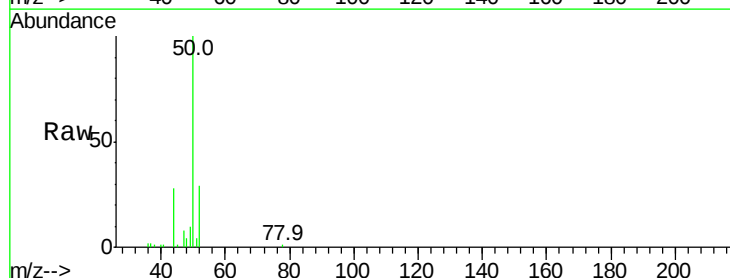
Acq: 29 Jun 2020 09:58

Tgt Ion: 50 Resp: 26675

Ion Ratio Lower Upper

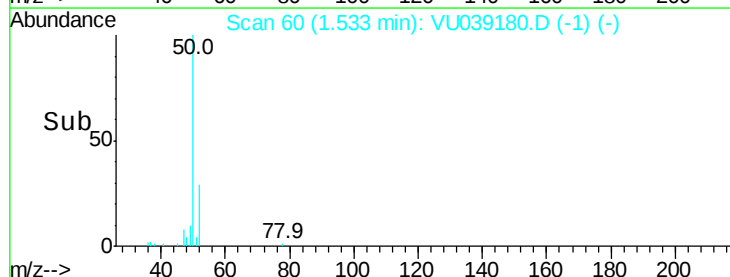
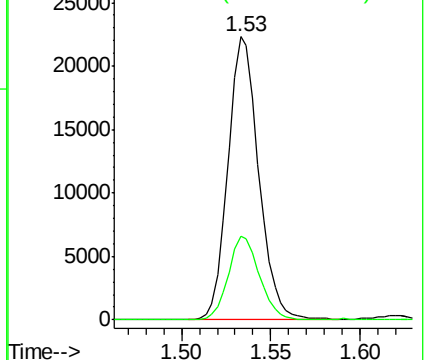
50 100

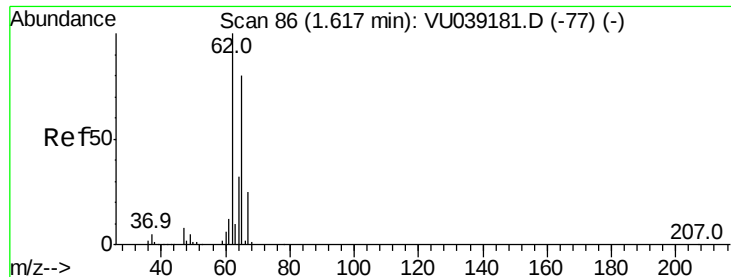
52 29.5 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU039180.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU039180.D (-51) (-)





#5

Vinyl chloride

Concen: 1.105 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

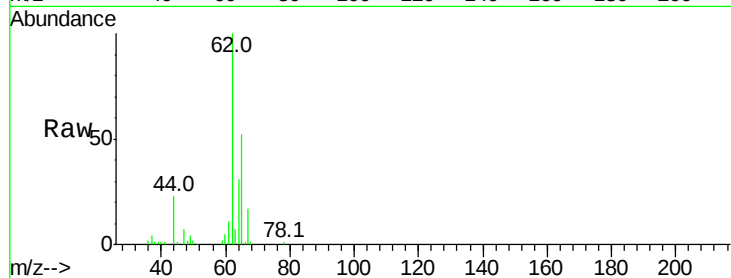
VSTD00103

Tgt Ion: 62 Resp: 25558

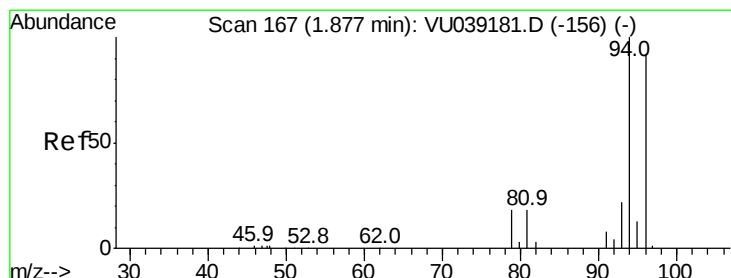
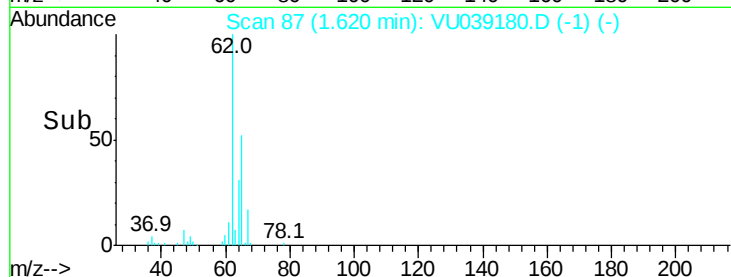
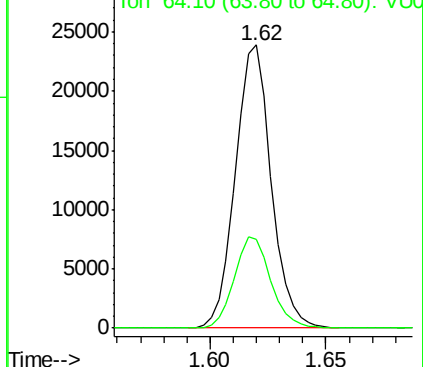
Ion Ratio Lower Upper

62 100

64 31.4 22.3 41.3



Abundance Ion 62.00 (61.70 to 62.70): VU039180.D (-1) (-)



#6

Bromomethane

Concen: 1.048 ug/L

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU039180.D

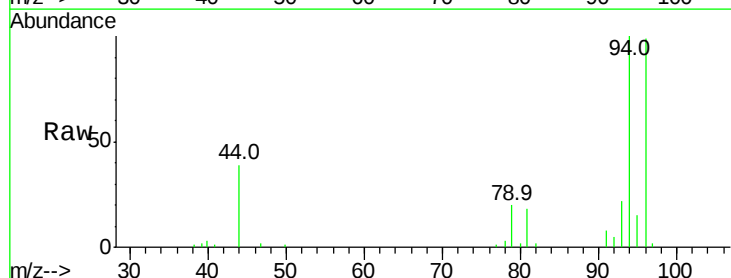
Acq: 29 Jun 2020 09:58

Tgt Ion: 94 Resp: 13054

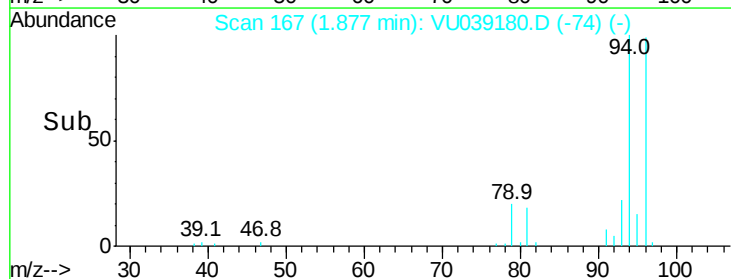
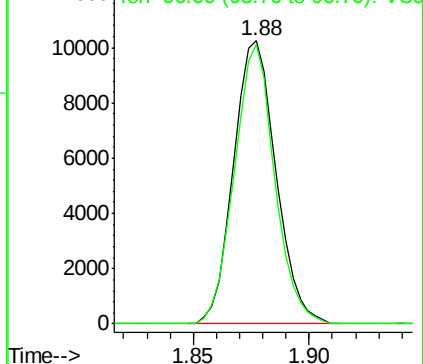
Ion Ratio Lower Upper

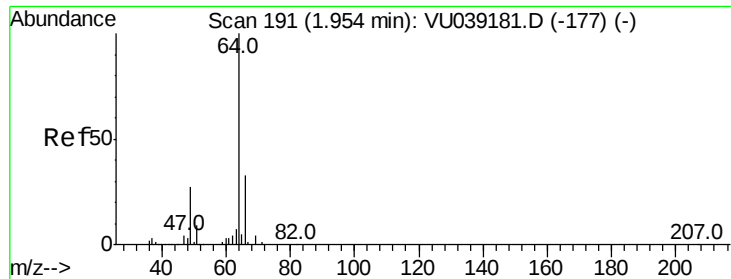
94 100

96 98.9 64.5 119.9



Abundance Ion 94.00 (93.70 to 94.70): VU039180.D (-74) (-)





#8

Chloroethane

Concen: 1.106 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

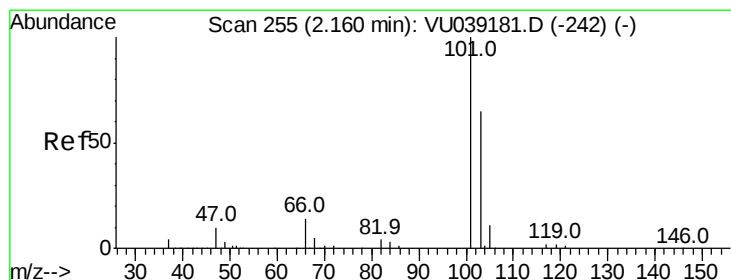
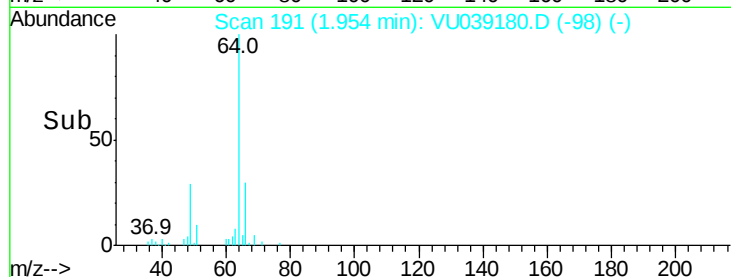
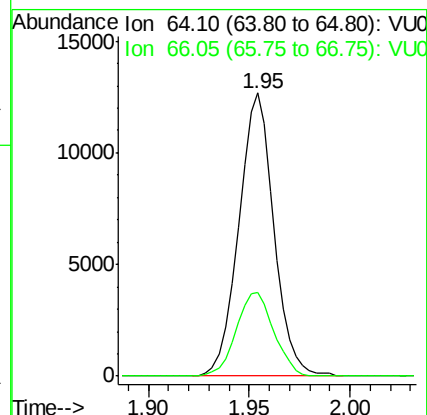
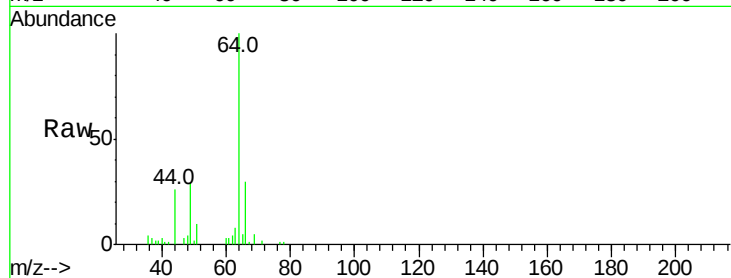
VSTD00103

Tgt Ion: 64 Resp: 15419

Ion Ratio Lower Upper

64 100

66 29.6 23.4 43.6



#9

Trichlorofluoromethane

Concen: 1.149 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU039180.D

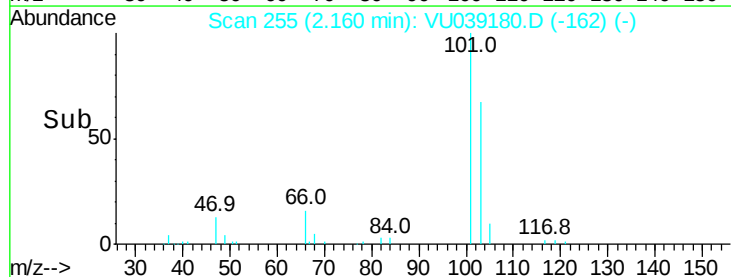
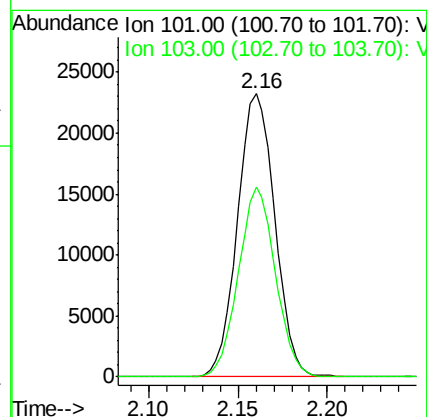
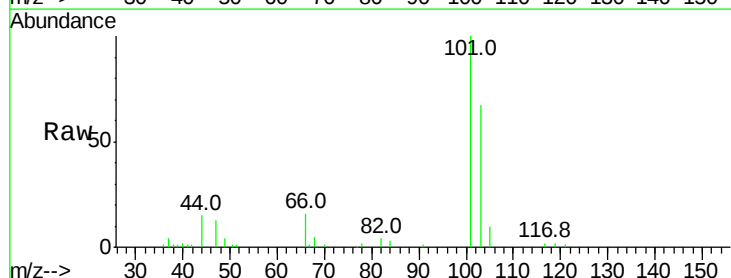
Acq: 29 Jun 2020 09:58

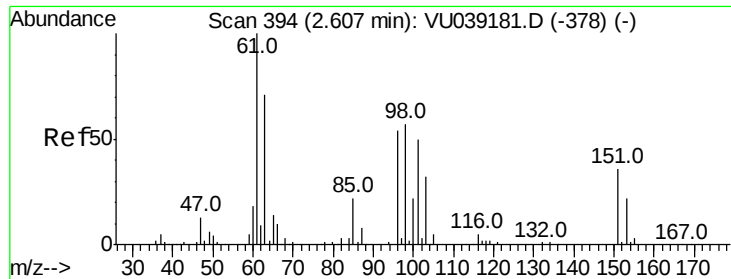
Tgt Ion: 101 Resp: 34024

Ion Ratio Lower Upper

101 100

103 66.2 51.7 77.5





#10

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

Concen: 1.127 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

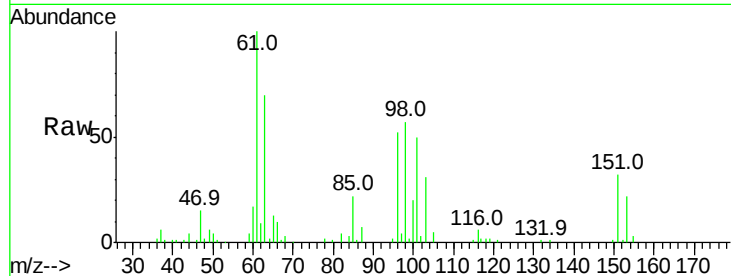
Tgt Ion:101 Resp: 19426

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

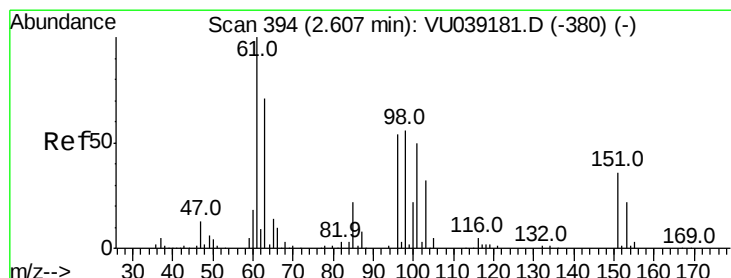
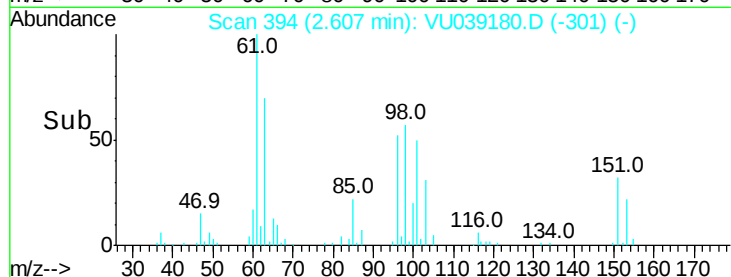
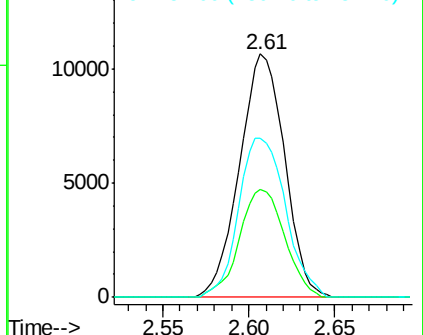
151 68.1 54.7 82.1



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: 1.098 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

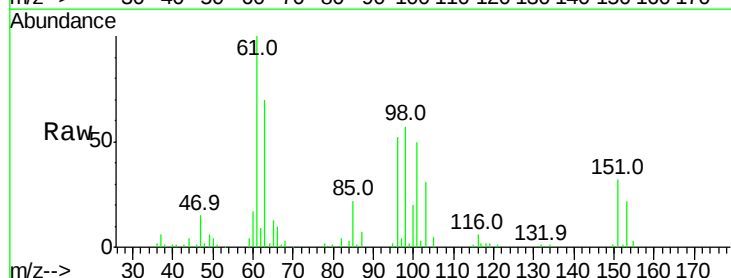
Tgt Ion: 96 Resp: 18113

Ion Ratio Lower Upper

96 100

61 192.5 128.7 239.1

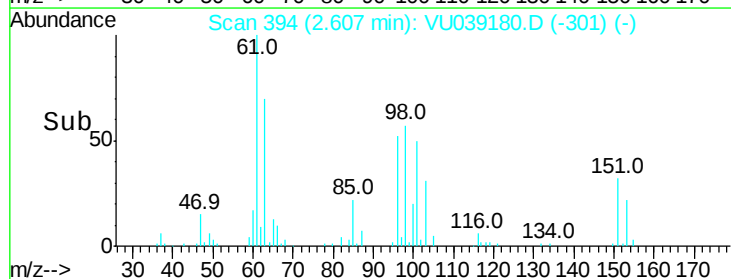
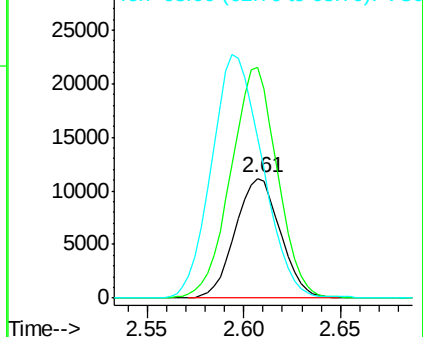
63 134.1 92.3 171.3

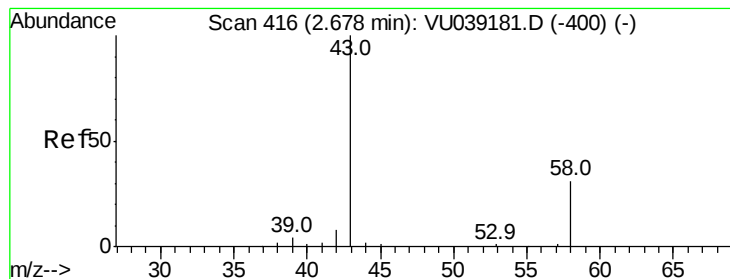


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 9.073 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU039180.D

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ClientSampleId :

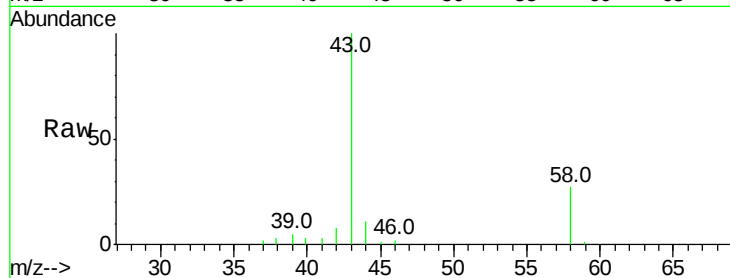
VSTD00103

Tgt Ion: 43 Resp: 38777

Ion Ratio Lower Upper

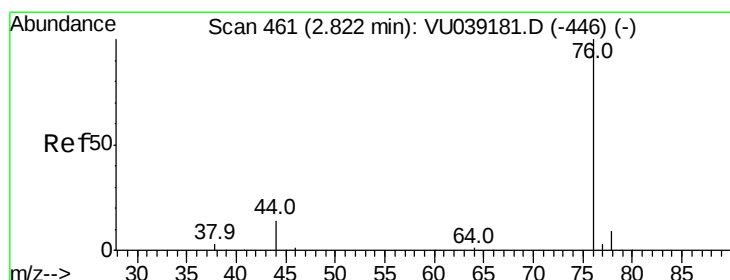
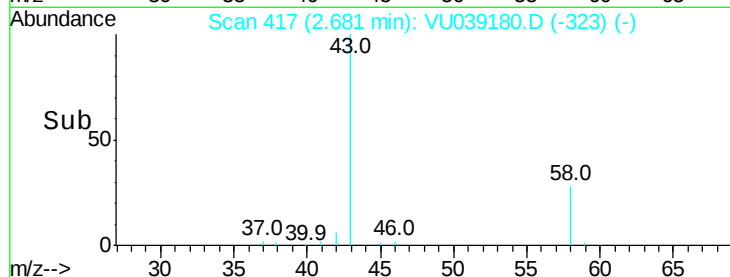
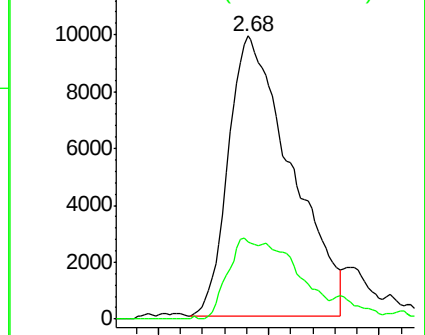
43 100

58 13.5 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039180.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU039180.D (-323) (-)



#14

Carbon disulfide

Concen: 1.170 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU039180.D

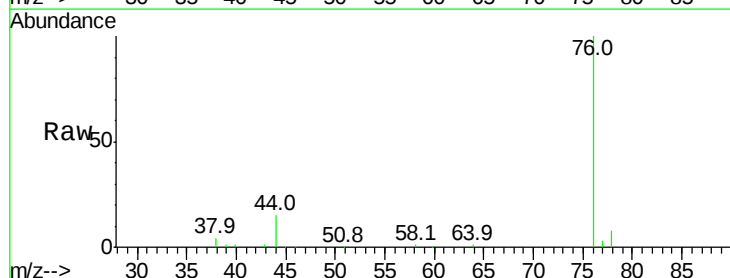
Acq: 29 Jun 2020 09:58

Tgt Ion: 76 Resp: 64334

Ion Ratio Lower Upper

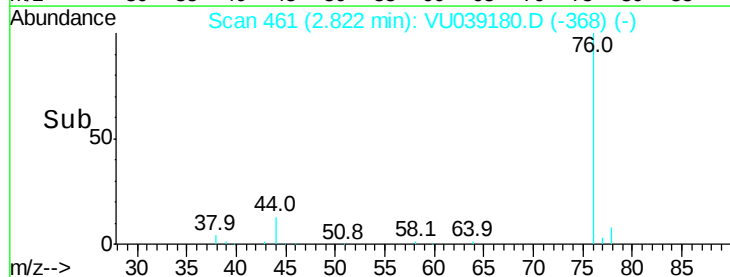
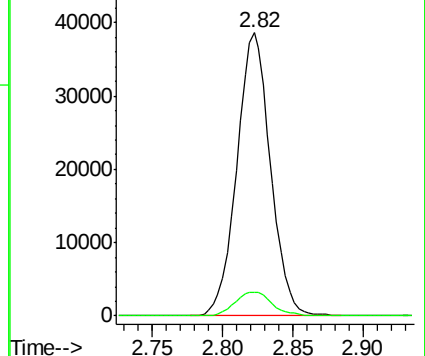
76 100

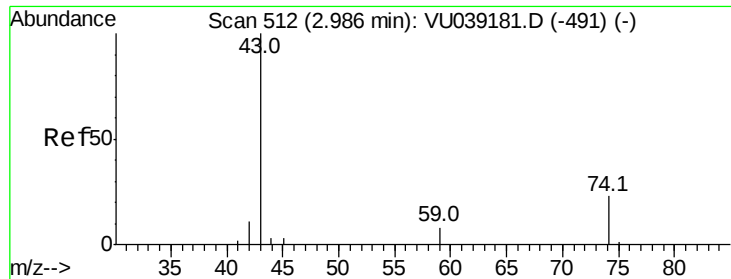
78 8.3 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU039180.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU039180.D (-368) (-)





#15

Methyl Acetate

Concen: 1.104 ug/L

RT: 2.99 min Scan# 512

Delta R.T. 0.00 min

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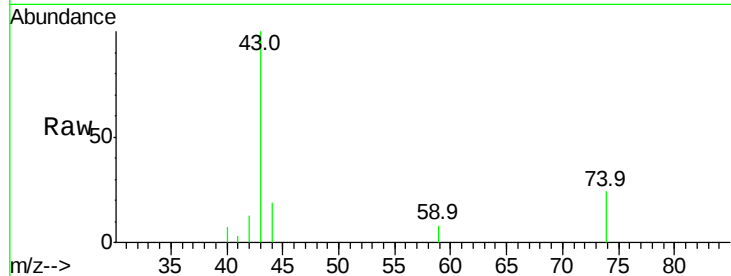
VSTD00103

Tgt Ion: 43 Resp: 11202

Ion Ratio Lower Upper

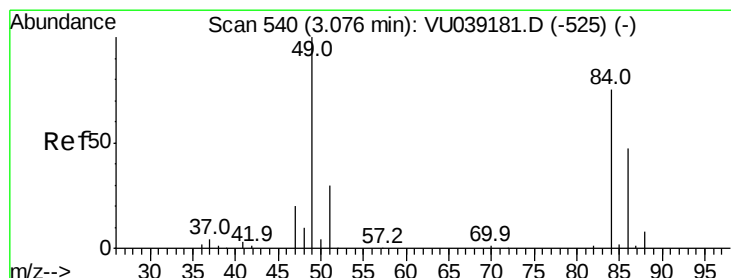
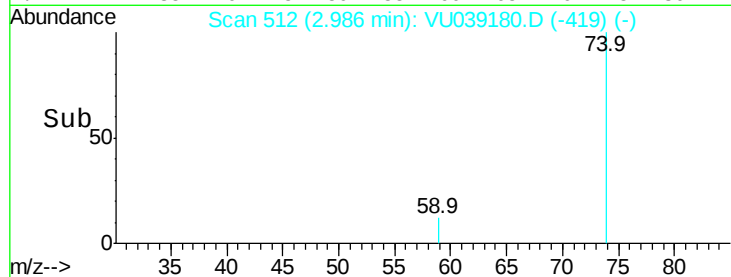
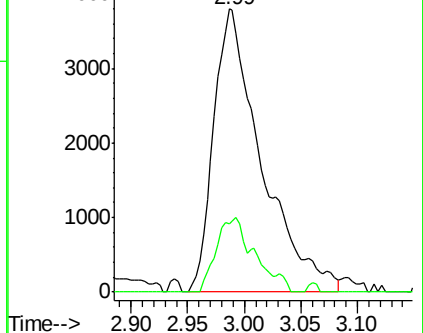
43 100

74 21.2 17.8 26.6



Abundance Ion 43.05 (42.75 to 43.75): VU039180.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU039180.D (-419) (-)



#16

Methylene chloride

Concen: 1.053 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

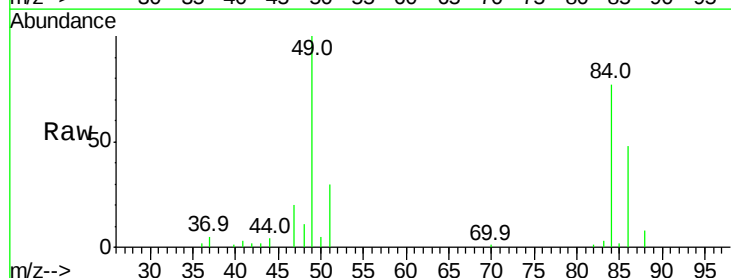
Tgt Ion: 84 Resp: 21423

Ion Ratio Lower Upper

84 100

86 62.1 44.2 82.2

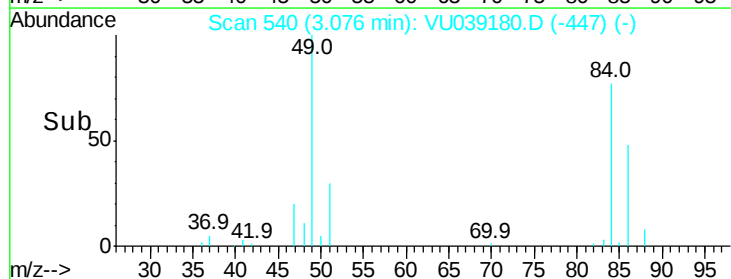
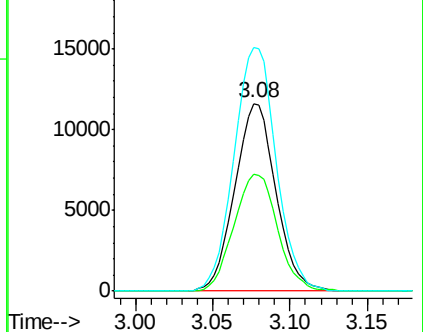
49 129.9 93.2 173.0

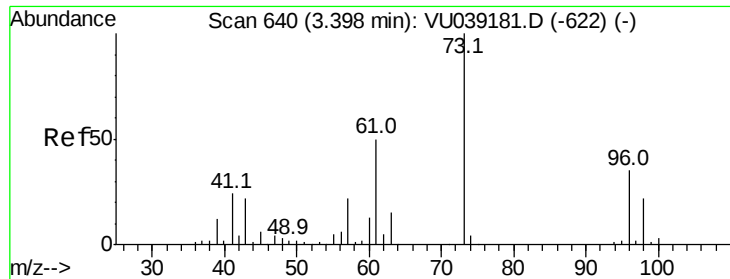


Abundance Ion 84.05 (83.75 to 84.75): VU039180.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039180.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039180.D (-447) (-)

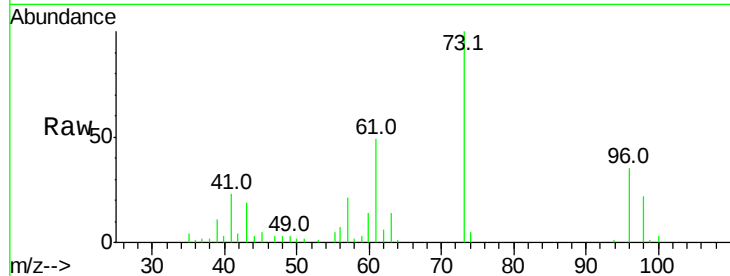




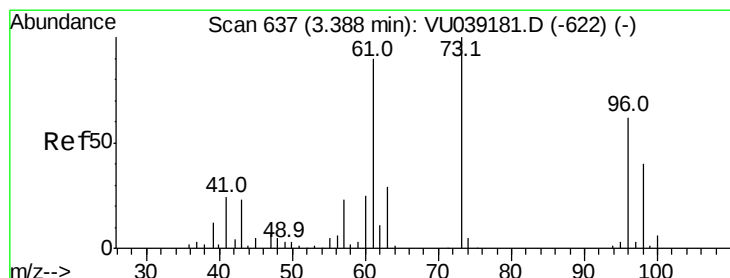
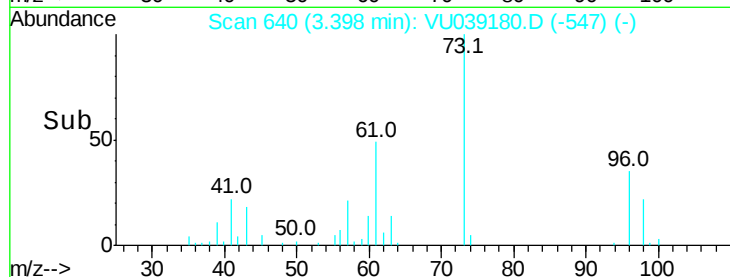
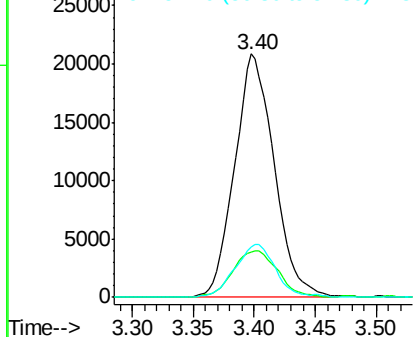
#17
Methyl tert-butyl Ether
Concen: 0.999 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

Instrument :
MSVOA_U
ClientSampled :
VSTD00103

Tgt Ion: 73 Resp: 46885
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0
57 22.2 17.9 26.9

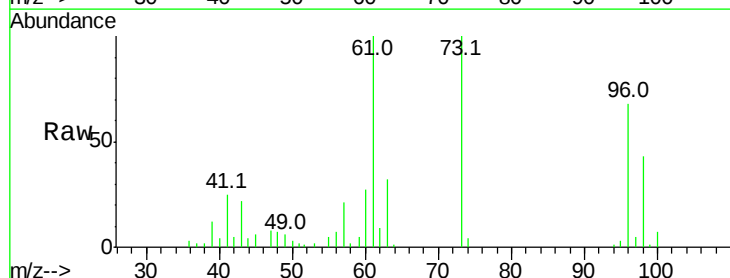


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

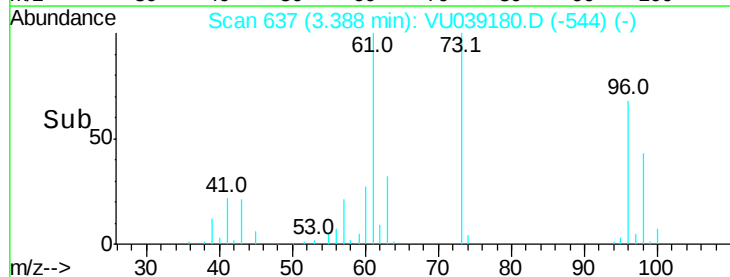
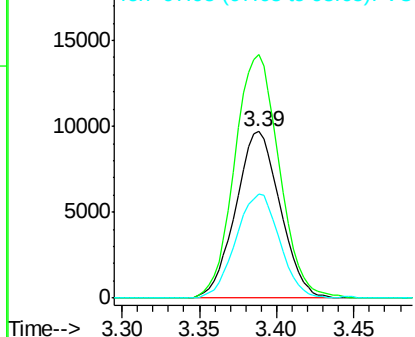


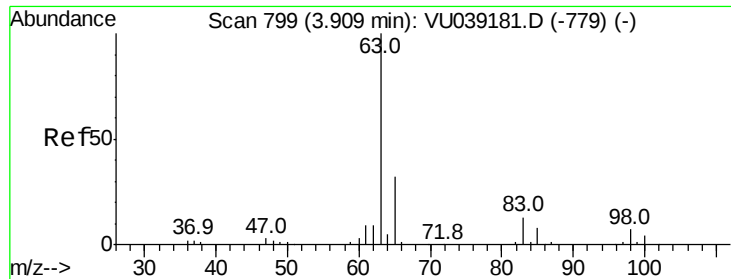
#18
trans-1,2-Dichloroethene
Concen: 1.103 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

Tgt Ion: 96 Resp: 19463
Ion Ratio Lower Upper
96 100
61 146.5 100.5 186.7
98 62.4 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

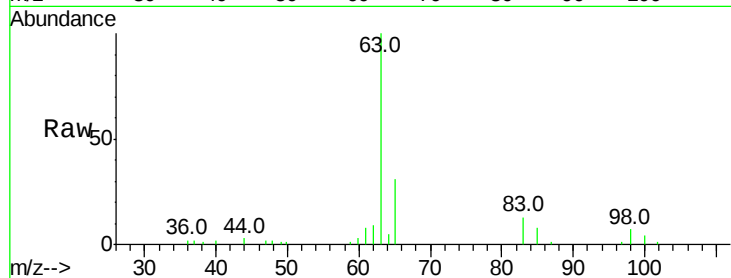




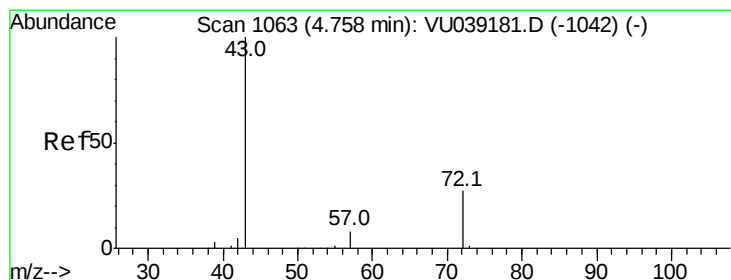
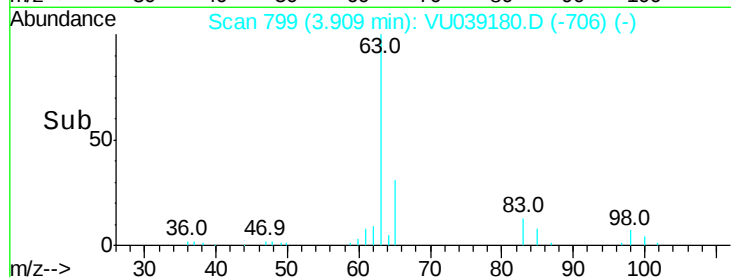
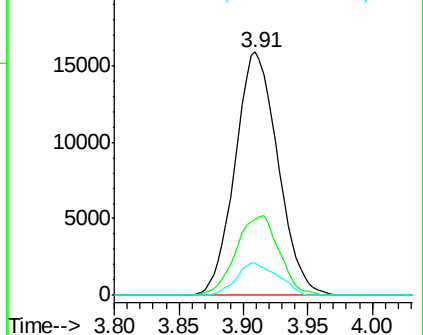
#19
 1,1-Dichloroethane
 Concen: 1.049 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tgt Ion: 63 Resp: 36818
 Ion Ratio Lower Upper
 63 100
 65 31.0 22.4 41.6
 83 13.3 9.2 17.2

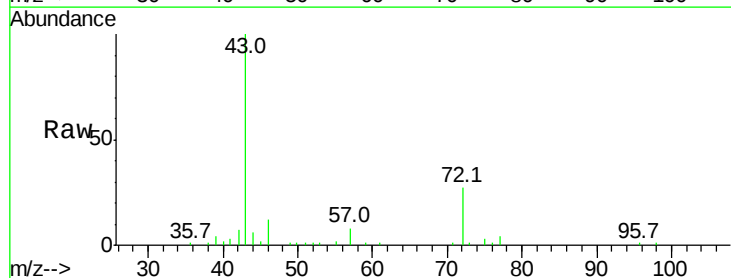


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

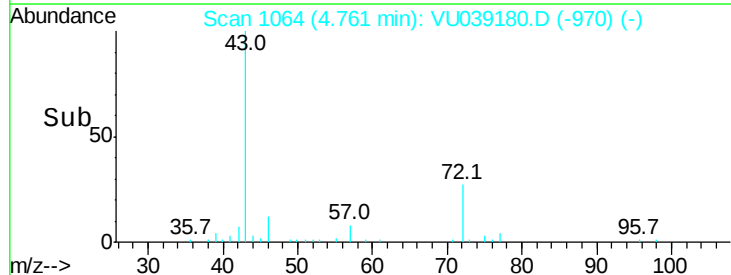
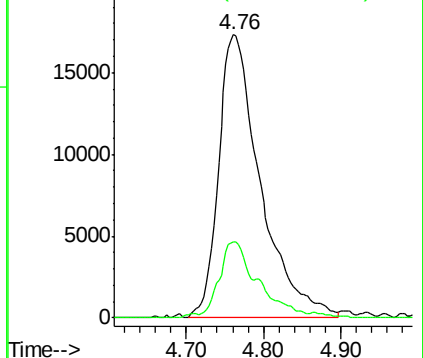


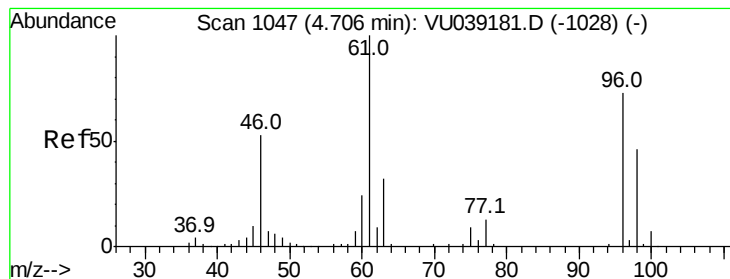
#21
 2-Butanone
 Concen: 10.043 ug/L
 RT: 4.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Tgt Ion: 43 Resp: 65261
 Ion Ratio Lower Upper
 43 100
 72 16.4 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.018 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

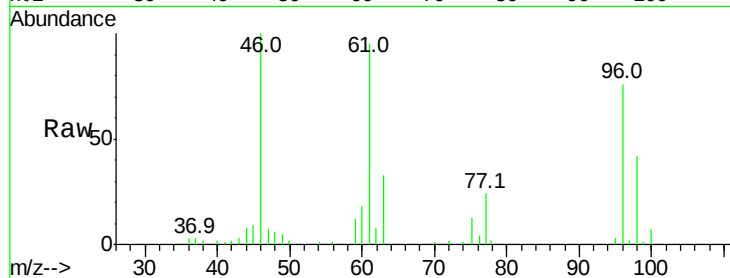
Tgt Ion: 96 Resp: 19395

Ion Ratio Lower Upper

96 100

61 125.7 96.3 178.9

68 0.0 0.0 0.0

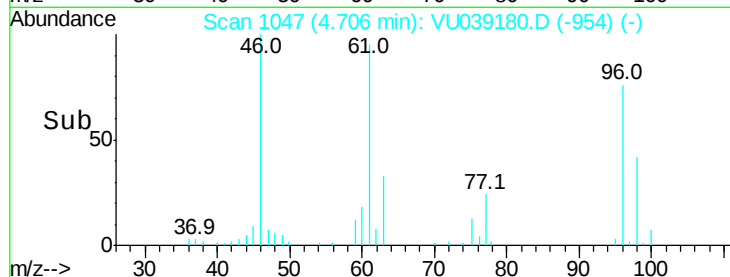


Abundance Ion 96.00 (95.70 to 96.70): VU039180.D (-1028) (-)

Ion 61.05 (60.75 to 61.75): VU039180.D (-1028) (-)

Ion 68.15 (67.85 to 68.85): VU039180.D (-1028) (-)

Time-->



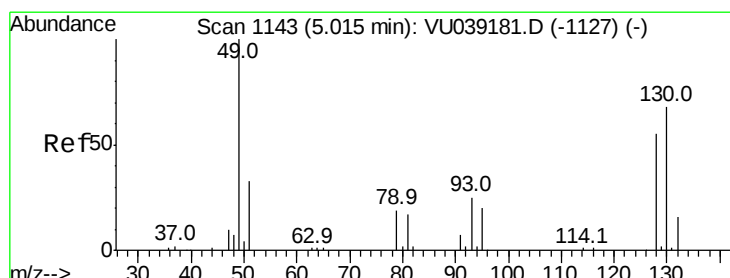
Abundance

Ion 96.00 (95.70 to 96.70): VU039180.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039180.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039180.D (-954) (-)

Time-->



#23

Bromochloromethane

Concen: 1.048 ug/L

RT: 5.02 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Tgt Ion: 128 Resp: 9182

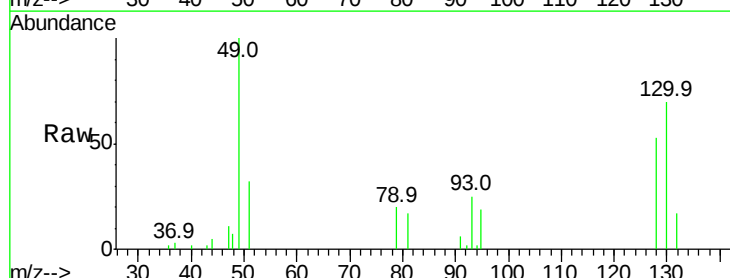
Ion Ratio Lower Upper

128 100

49 188.1 126.7 235.3

130 130.9 86.2 160.2

51 60.7 47.5 71.3



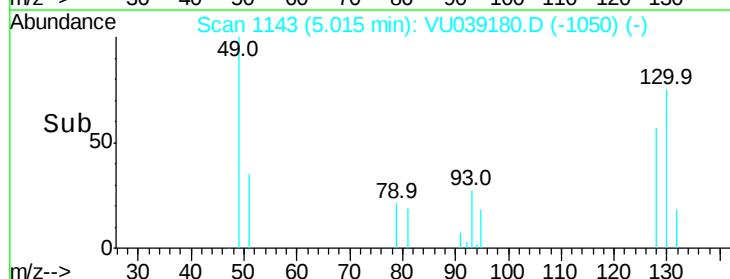
Abundance Ion 127.90 (127.60 to 128.60): VU039180.D (-1050) (-)

Ion 49.10 (48.80 to 49.80): VU039180.D (-1050) (-)

Ion 129.95 (129.65 to 130.65): VU039180.D (-1050) (-)

Ion 51.05 (50.75 to 51.75): VU039180.D (-1050) (-)

Time-->



Abundance

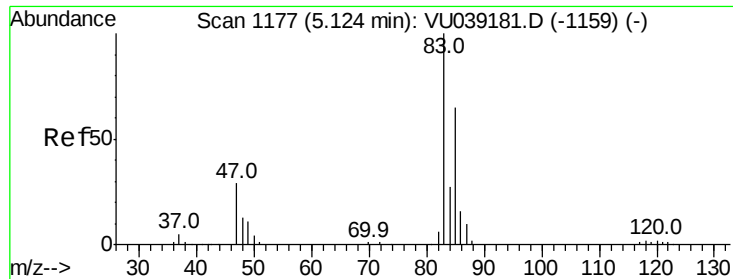
Ion 127.90 (127.60 to 128.60): VU039180.D (-1050) (-)

Ion 49.10 (48.80 to 49.80): VU039180.D (-1050) (-)

Ion 129.95 (129.65 to 130.65): VU039180.D (-1050) (-)

Ion 51.05 (50.75 to 51.75): VU039180.D (-1050) (-)

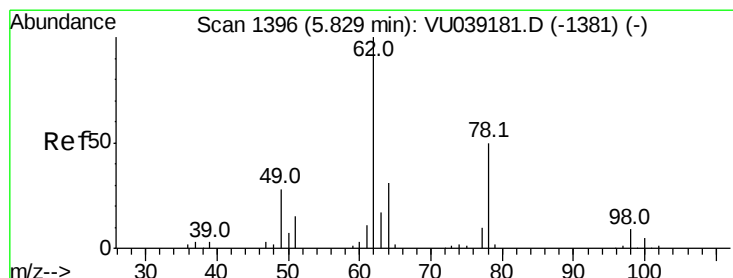
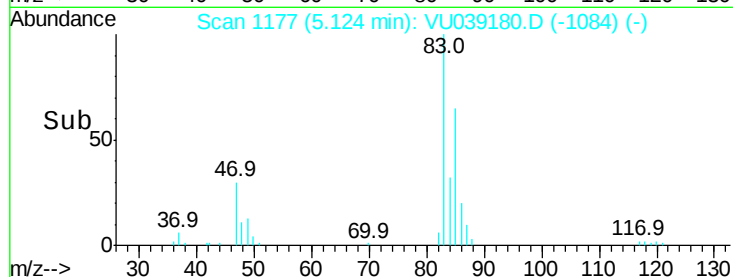
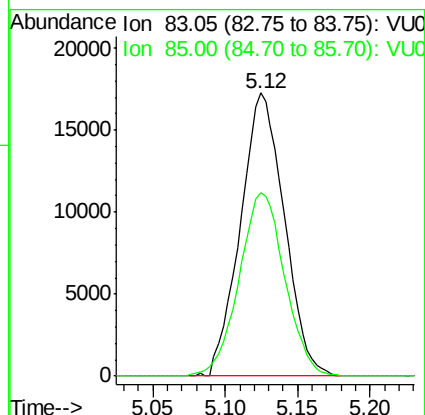
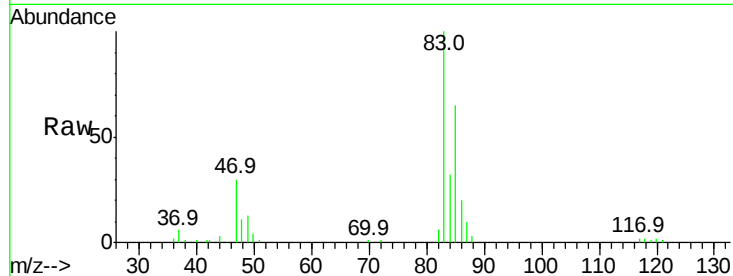
Time-->



#25
Chloroform
Concen: 1.030 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

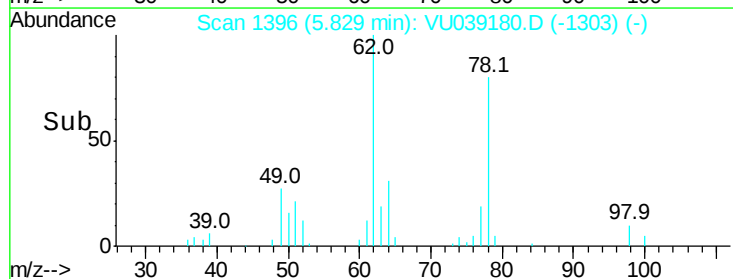
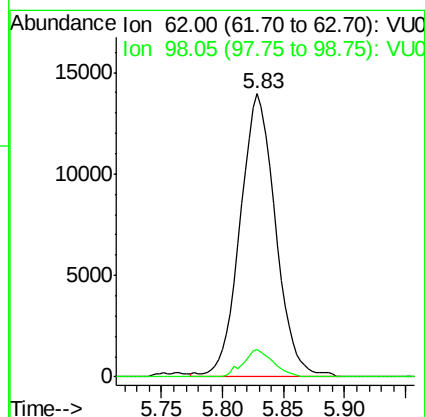
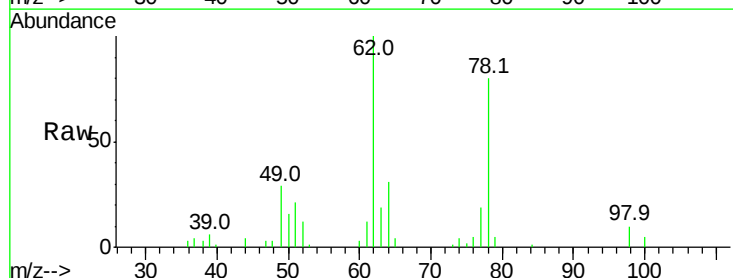
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

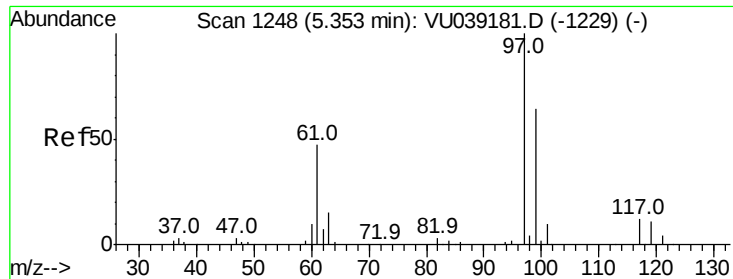
Tgt Ion: 83 Resp: 36317
Ion Ratio Lower Upper
83 100
85 64.7 45.5 84.5



#27
1,2-Dichloroethane
Concen: 1.116 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

Tgt Ion: 62 Resp: 28028
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9

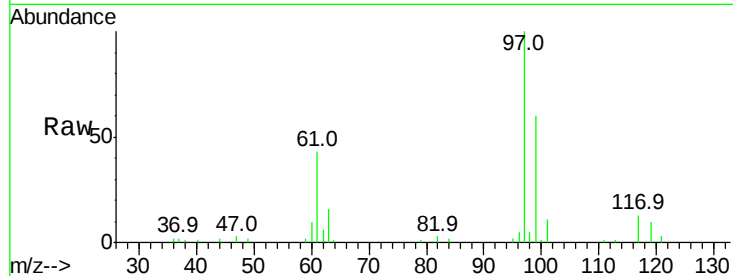




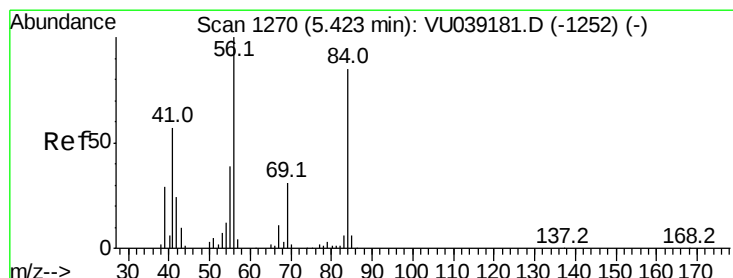
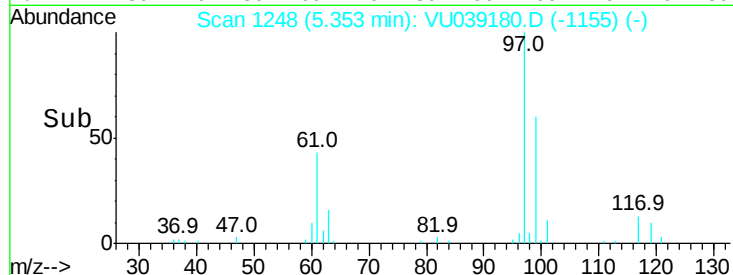
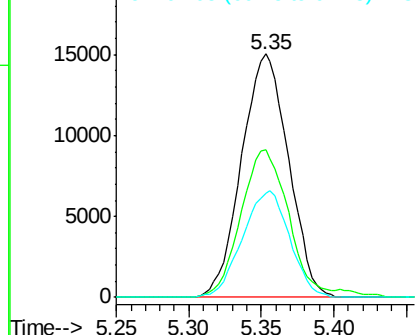
#29
 1,1,1-Trichloroethane
 Concen: 1.148 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tgt Ion: 97 Resp: 33875
 Ion Ratio Lower Upper
 97 100
 99 61.1 51.2 76.8
 61 44.0 37.3 55.9

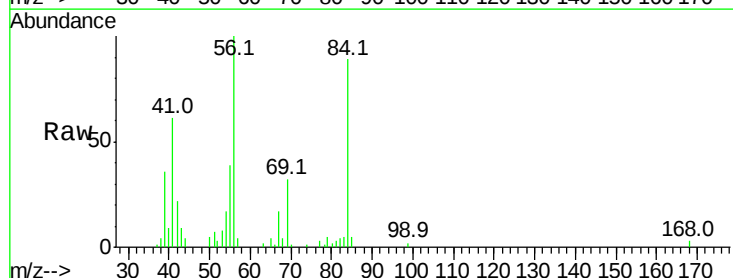


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

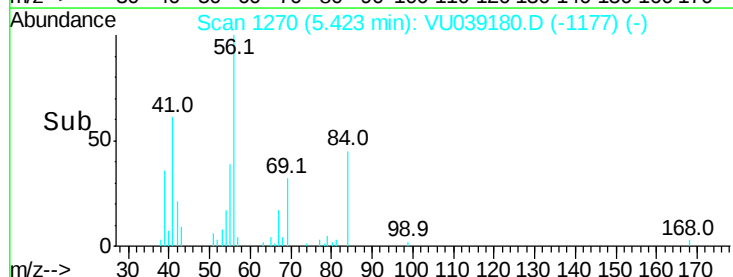
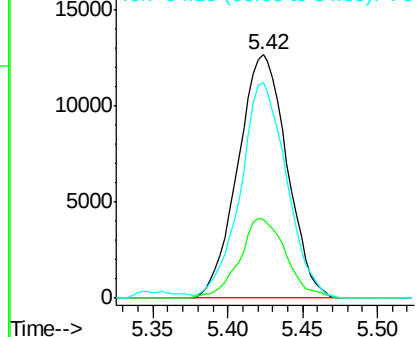


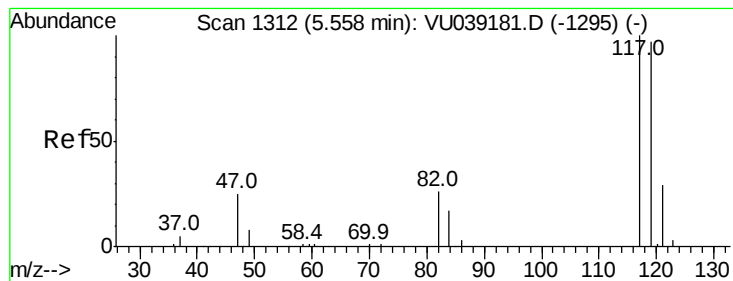
#30
 Cyclohexane
 Concen: 1.051 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Tgt Ion: 56 Resp: 28855
 Ion Ratio Lower Upper
 56 100
 69 31.0 25.0 37.4
 84 83.8 69.4 104.2



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: 1.121 ug/L

RT: 5.56 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

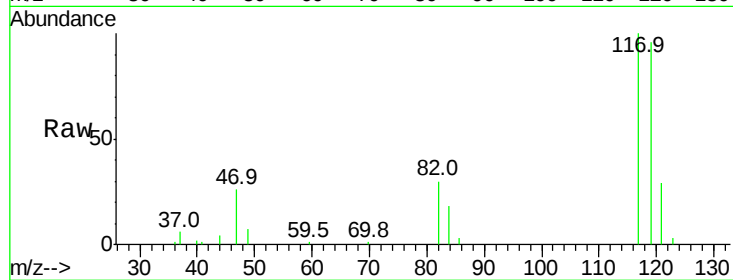
VSTD00103

Tgt Ion:117 Resp: 27553

Ion Ratio Lower Upper

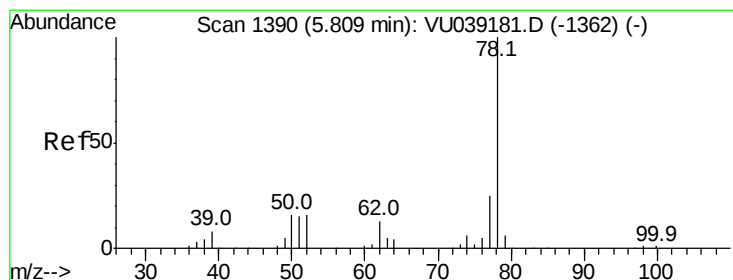
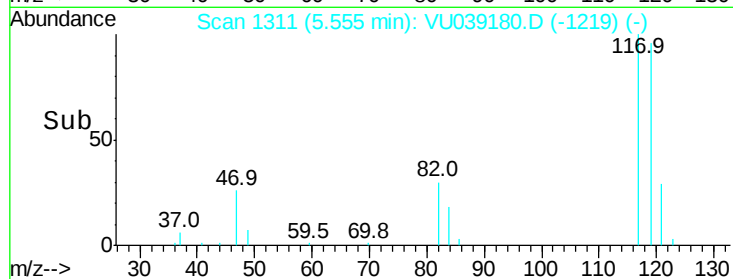
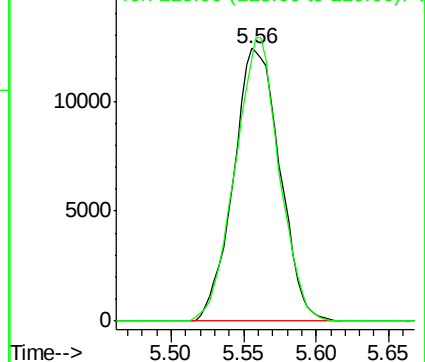
117 100

119 98.7 76.6 114.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 1.038 ug/L

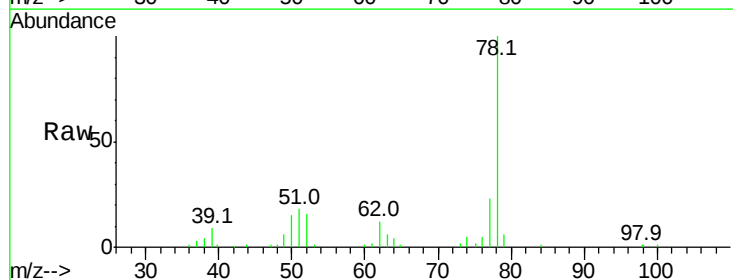
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

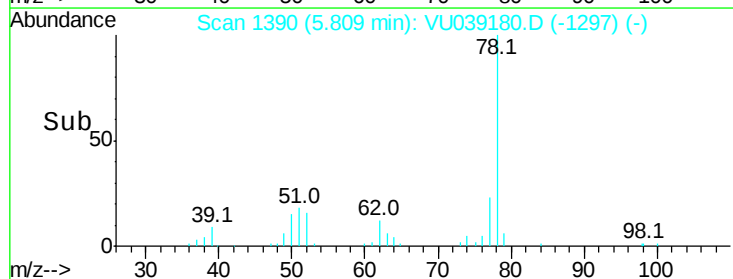
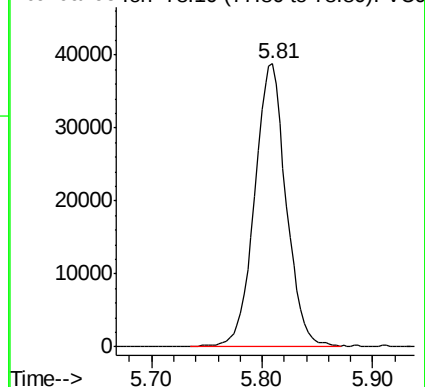
Lab File: VU039180.D

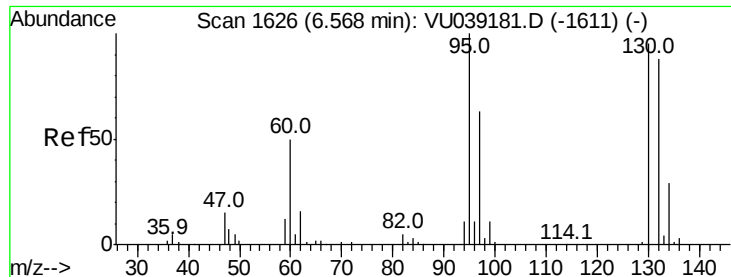
Acq: 29 Jun 2020 09:58

Tgt Ion: 78 Resp: 77092



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 1.129 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

Tgt Ion: 95 Resp: 20291

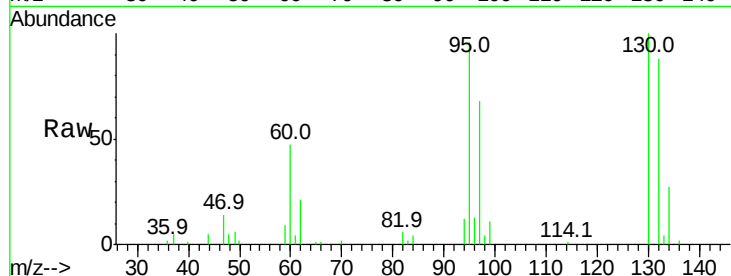
Ion Ratio Lower Upper

95 100

97 71.1 44.0 81.8

132 91.5 61.2 113.8

130 104.5 66.4 123.4

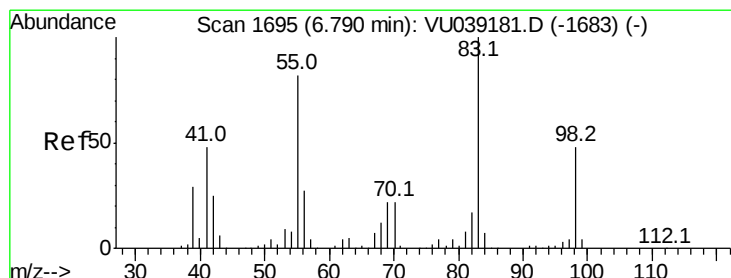
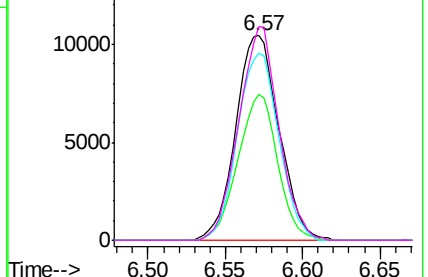
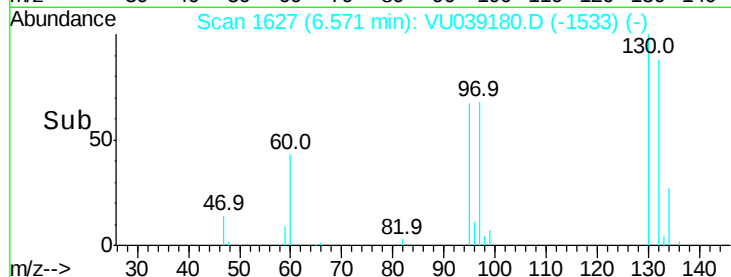


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 1.039 ug/L

RT: 6.79 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

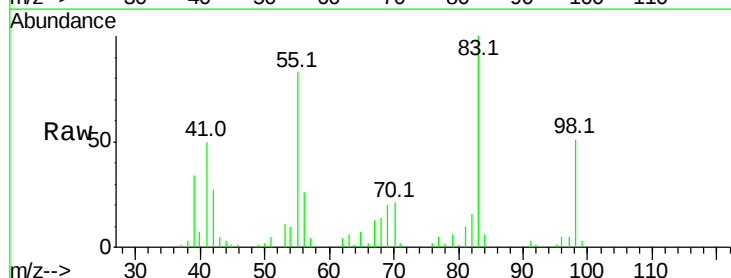
Tgt Ion: 83 Resp: 27706

Ion Ratio Lower Upper

83 100

55 84.0 65.5 98.3

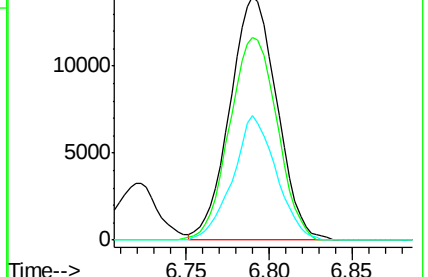
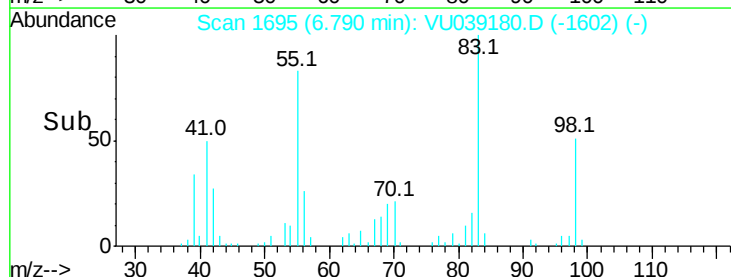
98 47.0 38.2 57.4

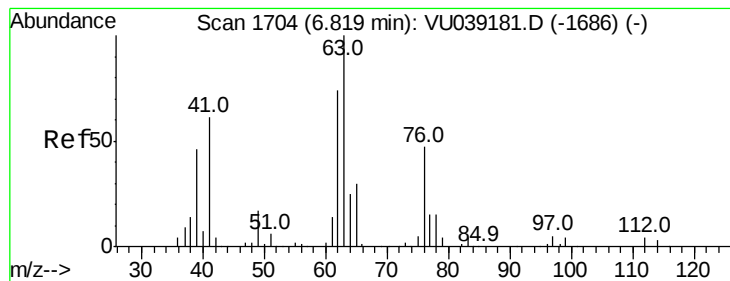


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 1.042 ug/L

RT: 6.82 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

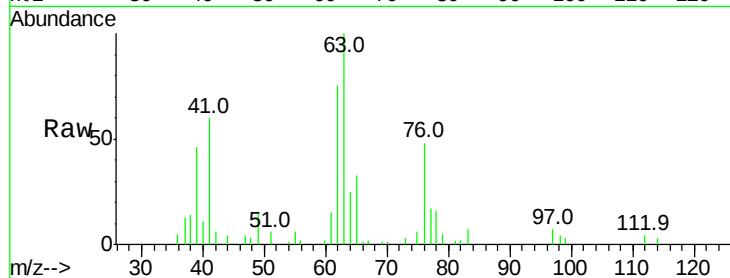
VSTD00103

Tgt Ion: 63 Resp: 20970

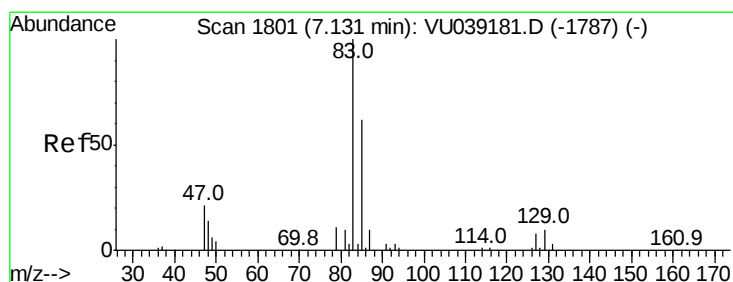
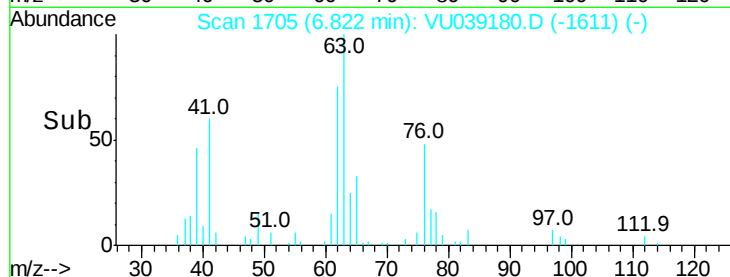
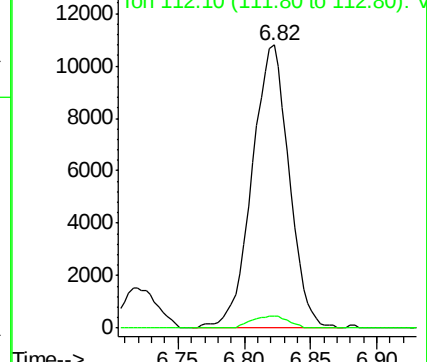
Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



Abundance Ion 63.10 (62.80 to 63.80): VU039181.D (-1686) (-)



#38

Bromodichloromethane

Concen: 1.024 ug/L

RT: 7.13 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

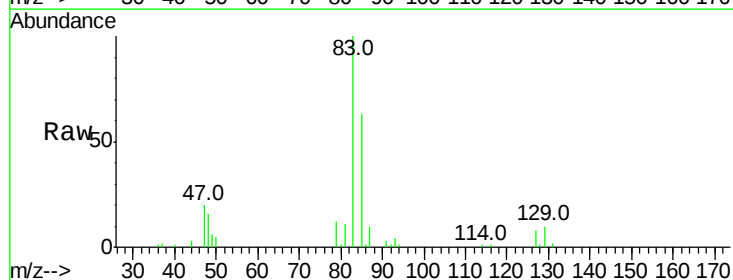
Tgt Ion: 83 Resp: 25689

Ion Ratio Lower Upper

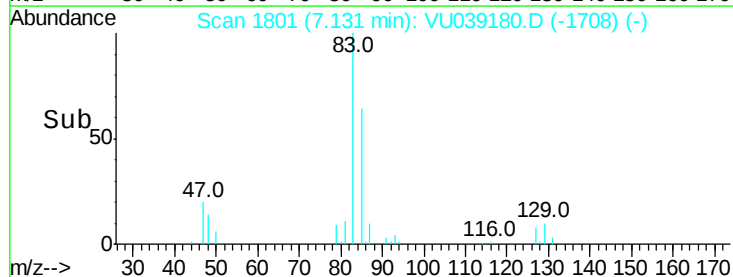
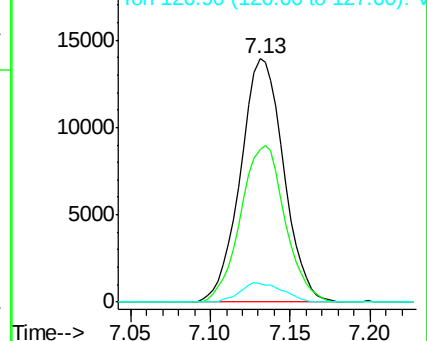
83 100

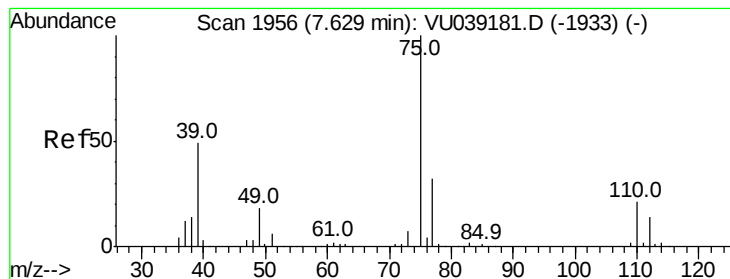
85 62.7 43.4 80.6

127 7.6 6.2 9.2



Abundance Ion 82.95 (82.65 to 83.65): VU039181.D (-1787) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.63 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

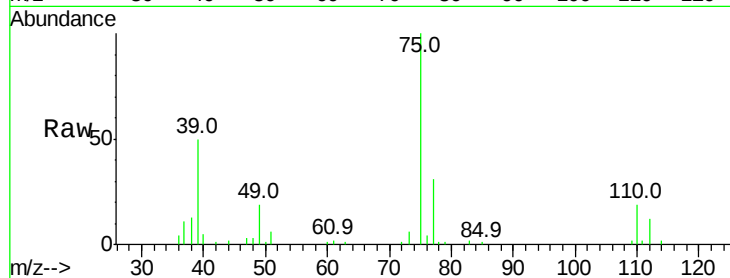
VSTD00103

Tgt Ion: 75 Resp: 27312

Ion Ratio Lower Upper

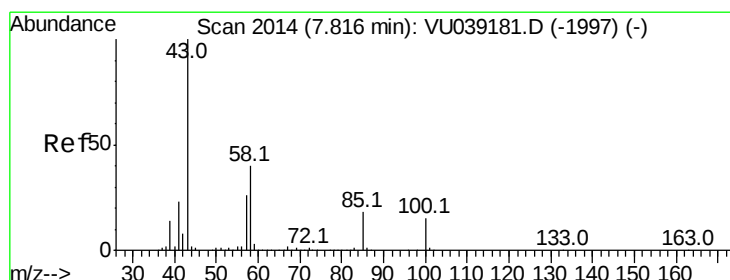
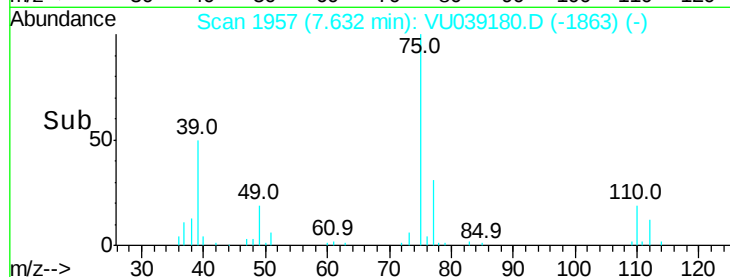
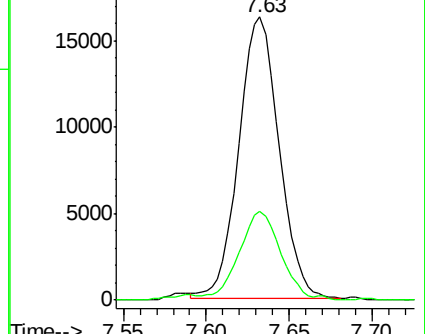
75 100

77 31.3 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VU039181.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU039181.D (-1933) (-)



#40

4-Methyl-2-pentanone

Concen: 9.325 ug/L

RT: 7.82 min Scan# 2015

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

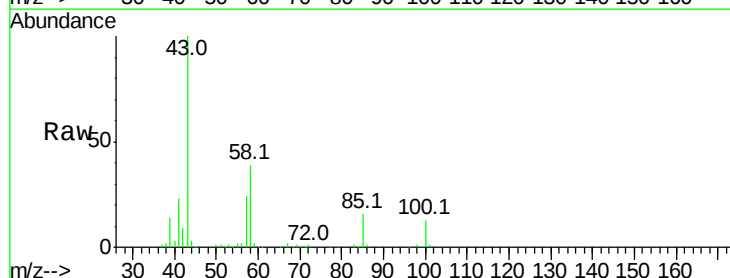
Tgt Ion: 43 Resp: 140058

Ion Ratio Lower Upper

43 100

58 38.2 31.3 46.9

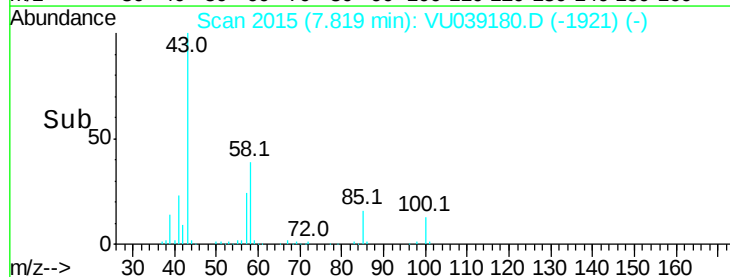
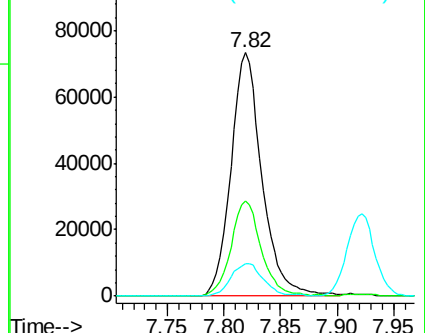
100 14.2 12.2 18.4

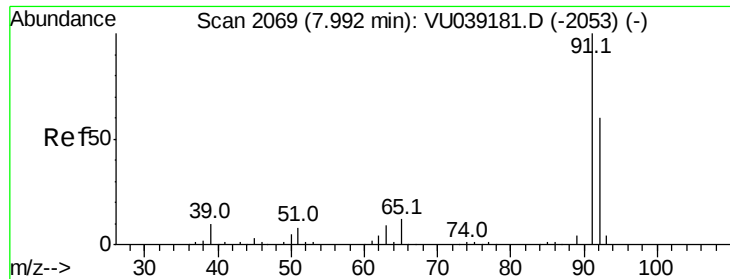


Abundance Ion 43.05 (42.75 to 43.75): VU039181.D (-1997) (-)

Ion 58.05 (57.75 to 58.75): VU039181.D (-1997) (-)

Ion 100.15 (99.85 to 100.85): VU039181.D (-1997) (-)





#42

Toluene

Concen: 1.018 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

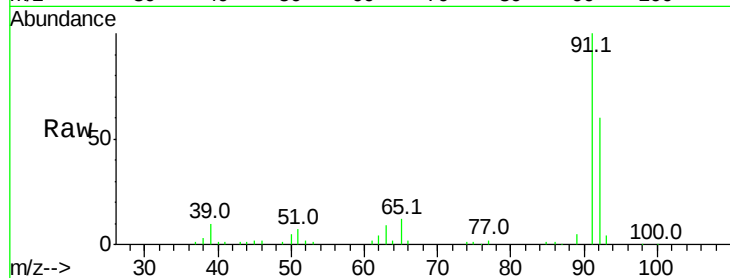
VSTD00103

Tgt Ion: 91 Resp: 75042

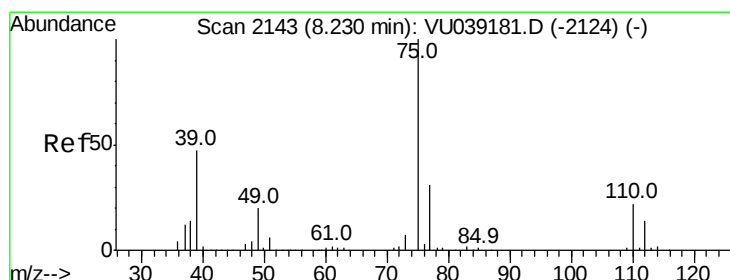
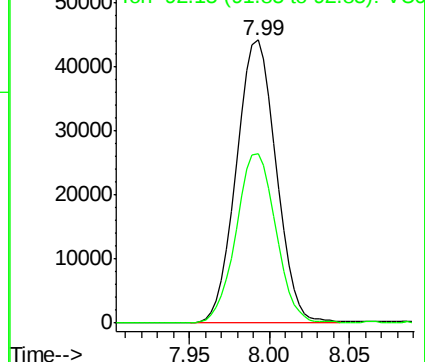
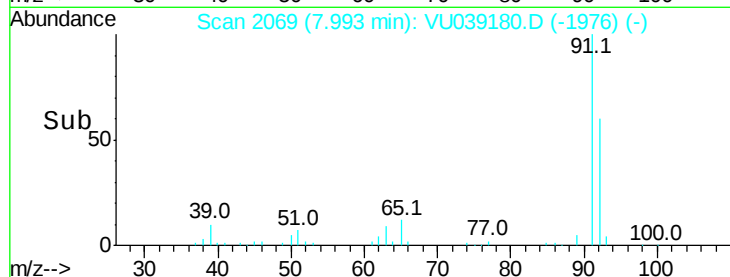
Ion Ratio Lower Upper

91 100

92 59.8 42.4 78.6



Abundance Ion 91.15 (90.85 to 91.85): VU039180.D (-1976) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VU039180.D

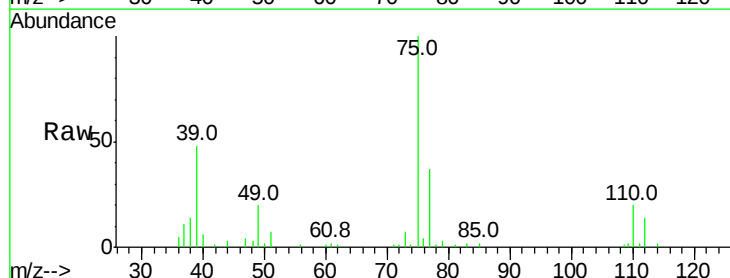
Acq: 29 Jun 2020 09:58

Tgt Ion: 75 Resp: 26180

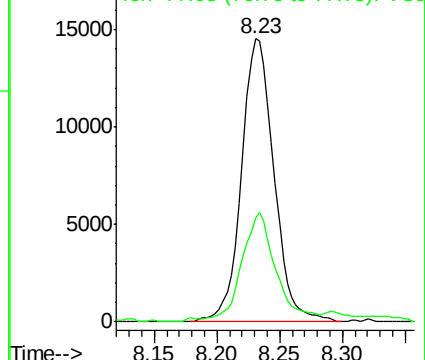
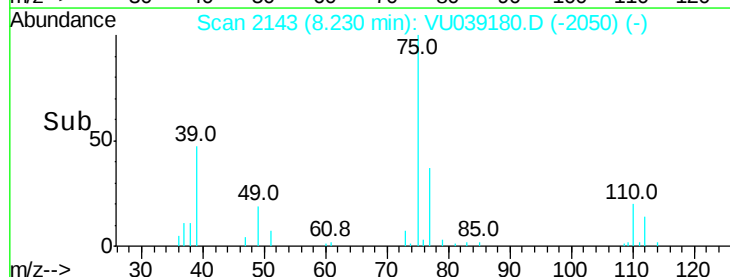
Ion Ratio Lower Upper

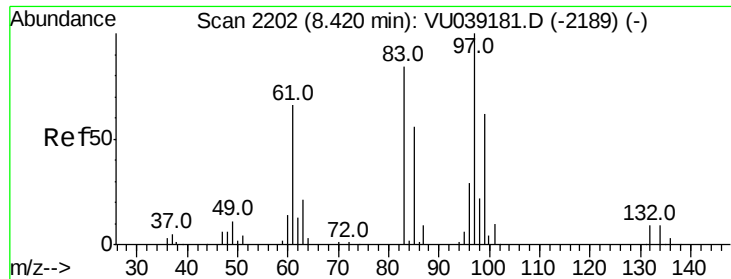
75 100

77 36.8 22.1 41.1



Abundance Ion 75.05 (74.75 to 75.75): VU039180.D (-2050) (-)

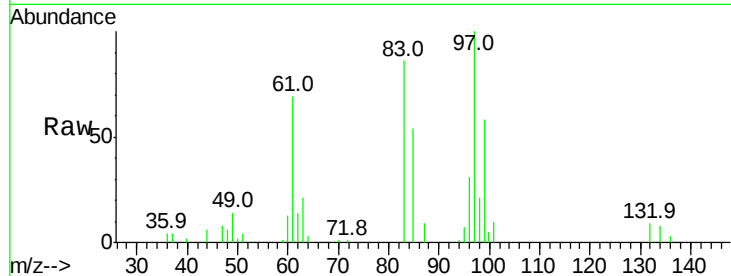




#45
 1,1,2-Trichloroethane
 Concen: 1.032 ug/L
 RT: 8.42 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD00103

Tgt Ion:	97	Resp:	15430
Ion	Ratio	Lower	Upper
97	100		
99	58.2	43.5	80.7
83	85.7	59.1	109.9
85	54.4	39.3	73.1

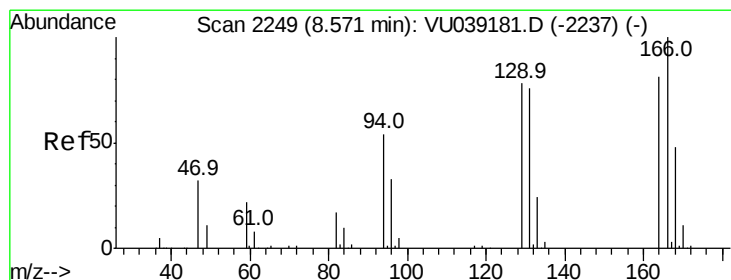
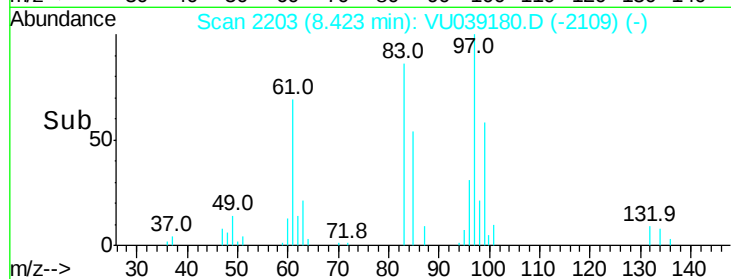
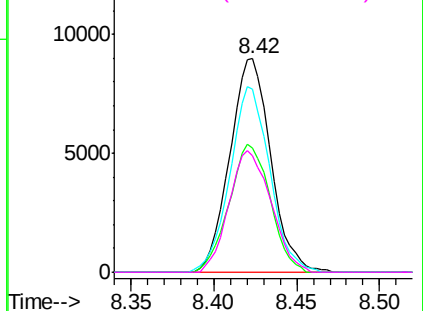


Abundance Ion 96.95 (96.65 to 97.65): VU039180.D (-2189) (-)

Ion 99.05 (98.75 to 99.75): VU039180.D (-2189) (-)

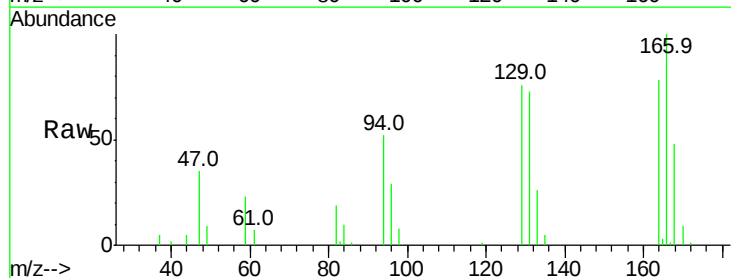
Ion 82.95 (82.65 to 83.65): VU039180.D (-2189) (-)

Ion 85.00 (84.70 to 85.70): VU039180.D (-2189) (-)



#47
 Tetrachloroethene
 Concen: 1.112 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Tgt Ion:	164	Resp:	14404
Ion	Ratio	Lower	Upper
164	100		
129	97.3	67.6	125.6
131	93.6	66.1	122.7
166	127.4	86.8	161.2

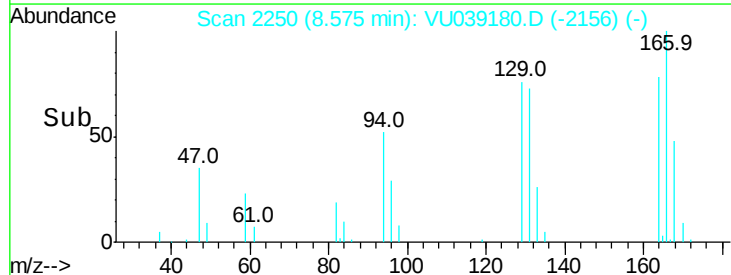
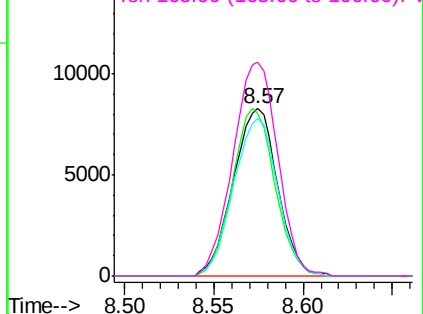


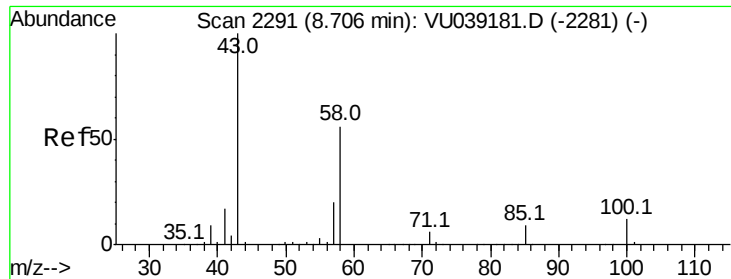
Abundance Ion 163.90 (163.60 to 164.60): VU039180.D (-2156) (-)

Ion 128.95 (128.65 to 129.65): VU039180.D (-2156) (-)

Ion 130.95 (130.65 to 131.65): VU039180.D (-2156) (-)

Ion 165.90 (165.60 to 166.60): VU039180.D (-2156) (-)

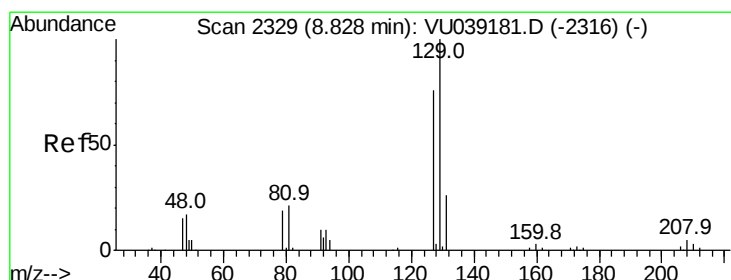
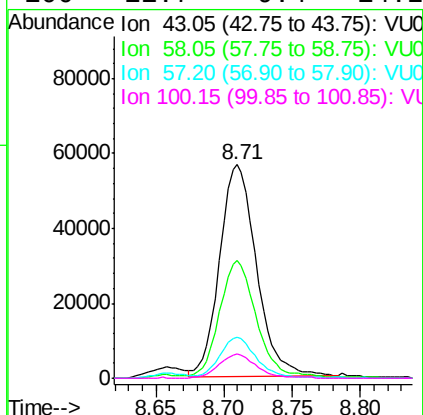
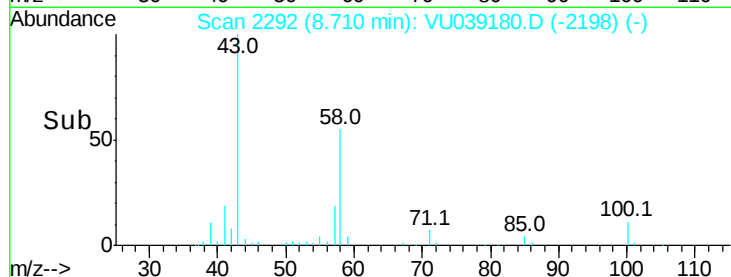
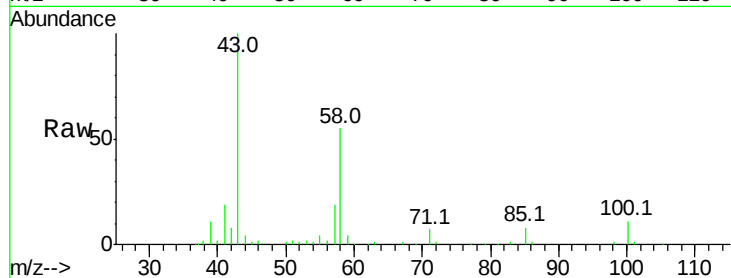




#48
2-Hexanone
Concen: 9.667 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

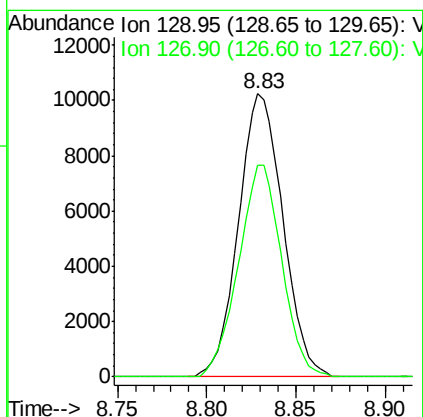
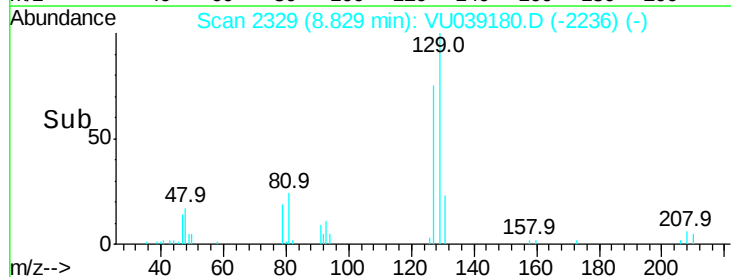
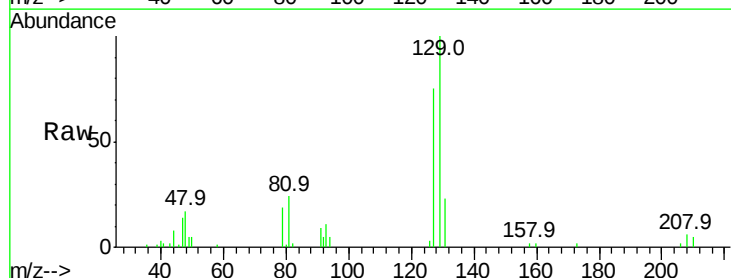
Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

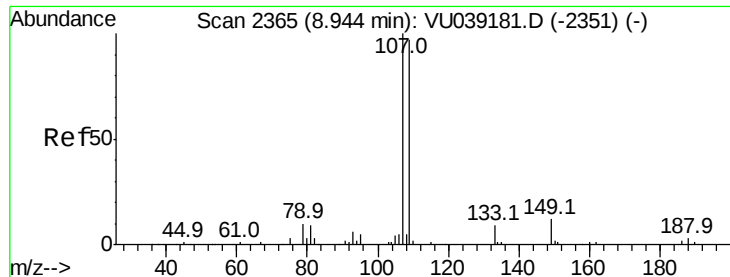
Tgt Ion: 43 Resp: 106452
Ion Ratio Lower Upper
43 100
58 55.3 43.6 65.4
57 18.8 15.6 23.4
100 11.7 9.4 14.2



#49
Dibromochloromethane
Concen: 1.097 ug/L
RT: 8.83 min Scan# 2329
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

Tgt Ion: 129 Resp: 17834
Ion Ratio Lower Upper
129 100
127 75.0 53.5 99.3

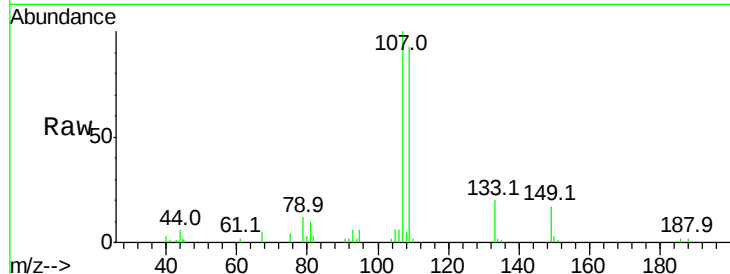




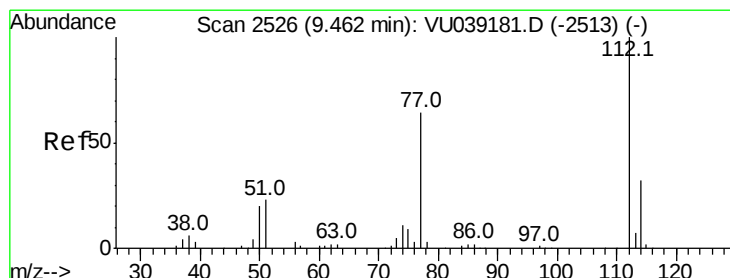
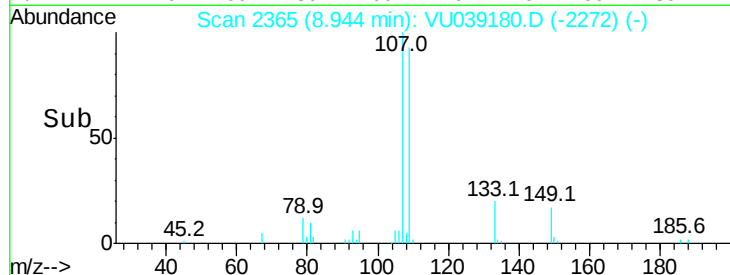
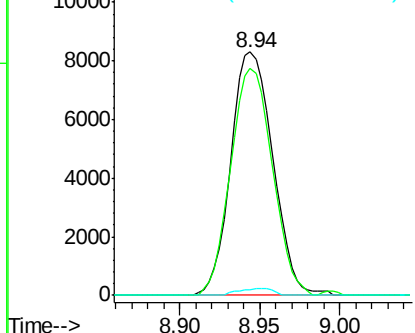
#50
1,2-Dibromoethane
Concen: 1.053 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD00103

Tgt Ion:107 Resp: 14888
Ion Ratio Lower Upper
107 100
109 93.0 67.7 125.7
188 2.5 2.5 3.7#

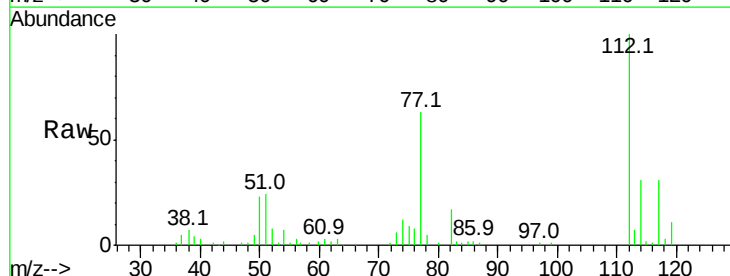


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

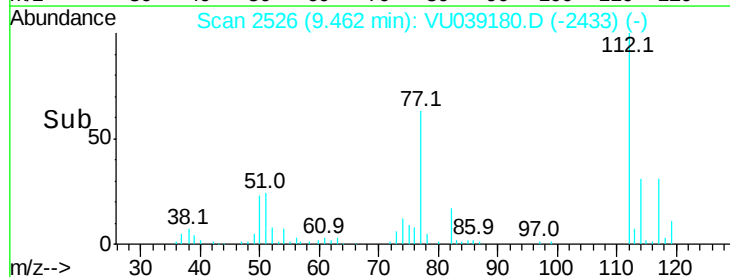
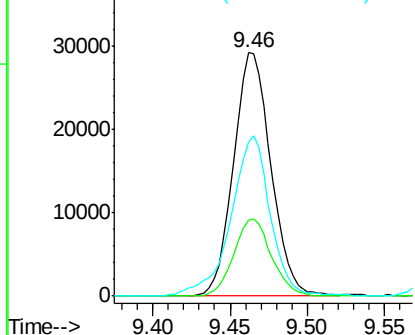


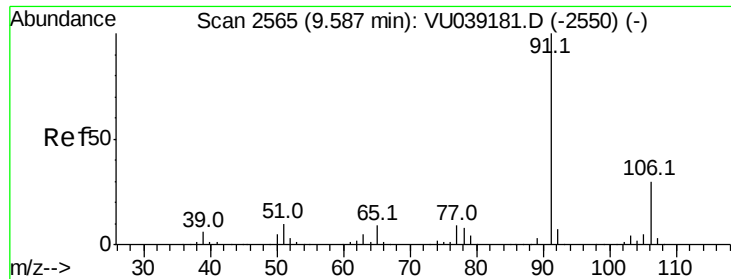
#51
Chlorobenzene
Concen: 1.058 ug/L
RT: 9.46 min Scan# 2526
Delta R.T. 0.00 min
Lab File: VU039180.D
Acq: 29 Jun 2020 09:58

Tgt Ion:112 Resp: 49102
Ion Ratio Lower Upper
112 100
114 30.9 22.6 42.0
77 63.5 51.1 76.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 1.016 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

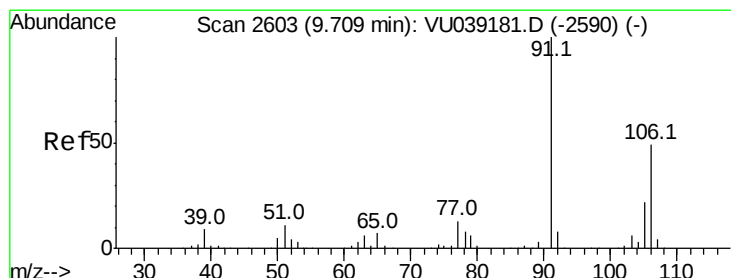
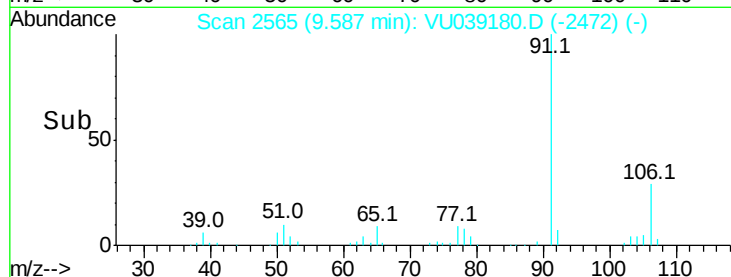
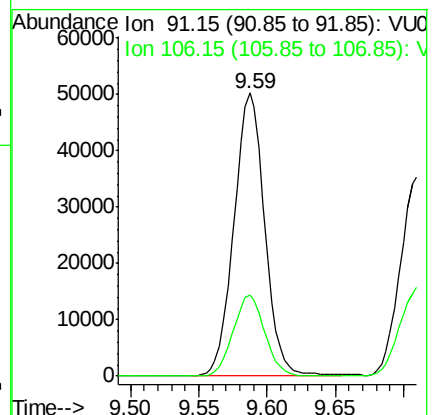
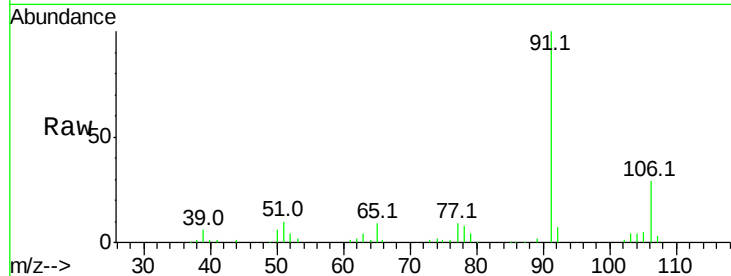
VSTD00103

Tgt Ion: 91 Resp: 78755

Ion Ratio Lower Upper

91 100

106 28.9 21.3 39.5



#53

m,p-Xylene

Concen: 0.979 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VU039180.D

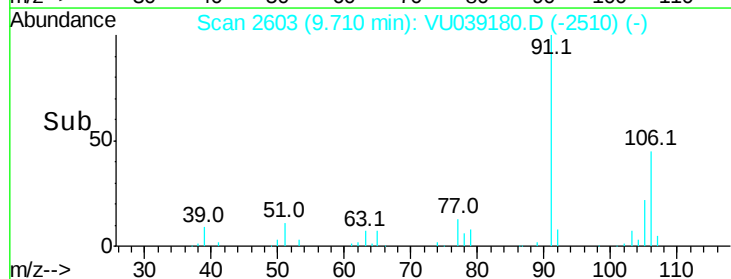
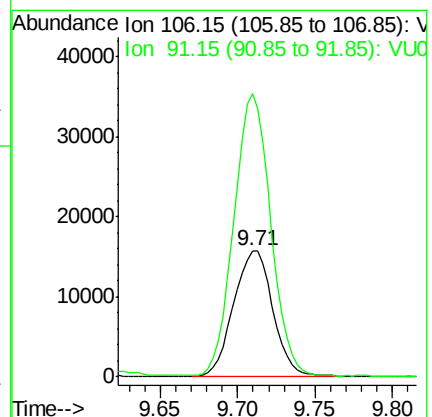
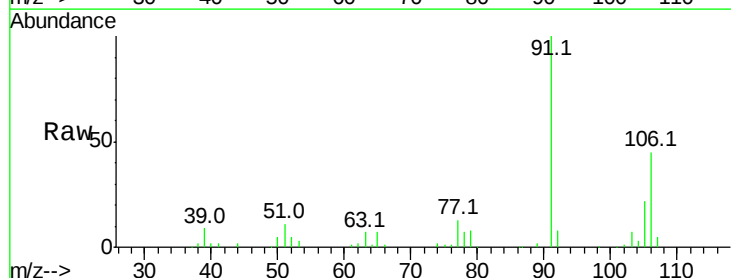
Acq: 29 Jun 2020 09:58

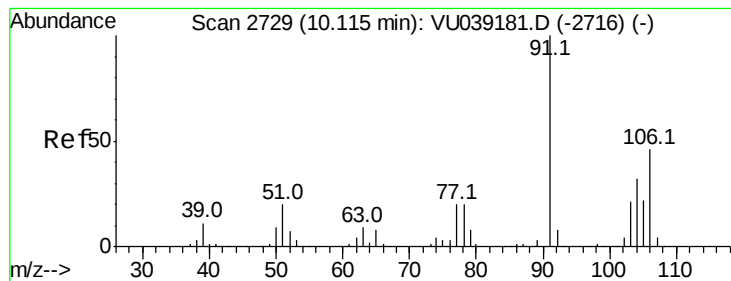
Tgt Ion: 106 Resp: 27892

Ion Ratio Lower Upper

106 100

91 224.0 143.7 266.9





#54

o-Xylene

Concen: 0.967 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

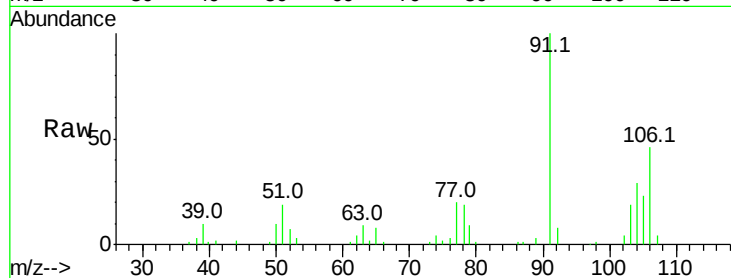
VSTD00103

Tgt Ion:106 Resp: 26476

Ion Ratio Lower Upper

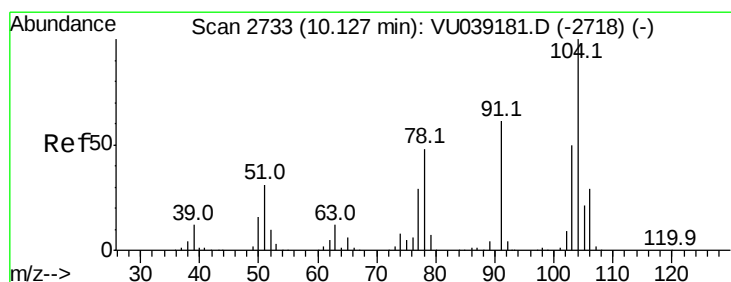
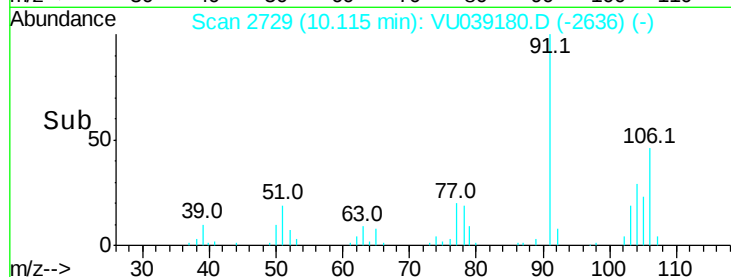
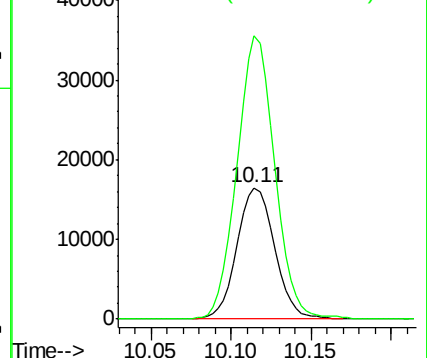
106 100

91 215.8 153.2 284.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.938 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU039180.D

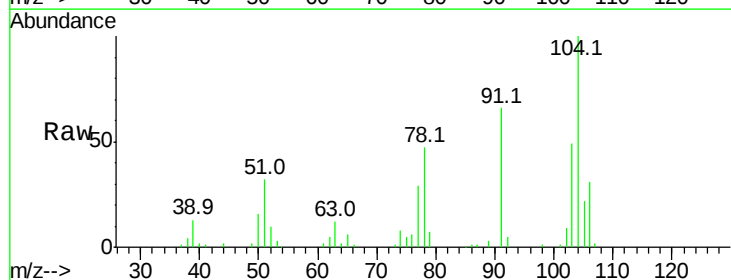
Acq: 29 Jun 2020 09:58

Tgt Ion:104 Resp: 45081

Ion Ratio Lower Upper

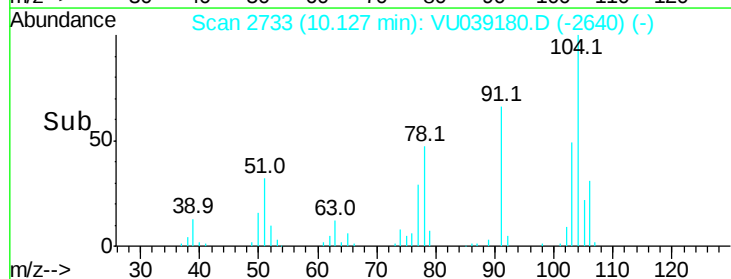
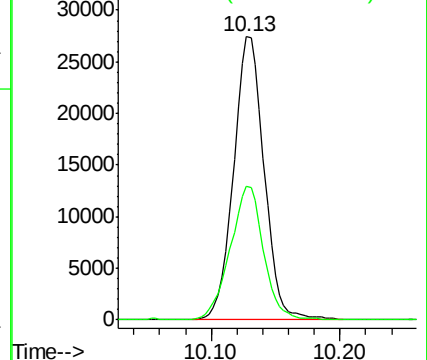
104 100

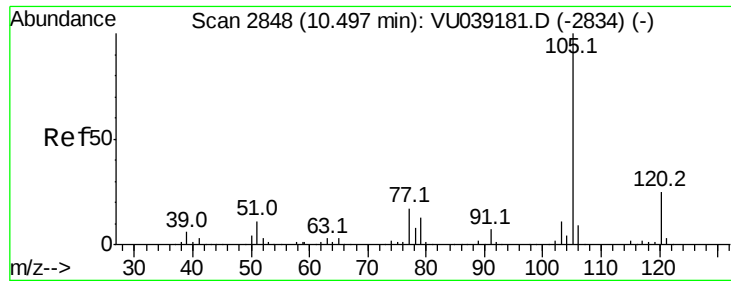
78 47.3 33.5 62.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 0.958 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

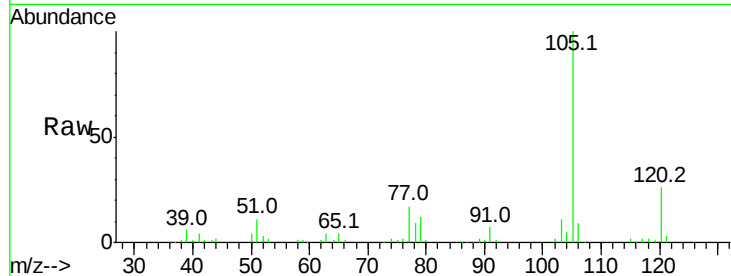
Tgt Ion:105 Resp: 68693

Ion Ratio Lower Upper

105 100

120 25.6 20.1 30.1

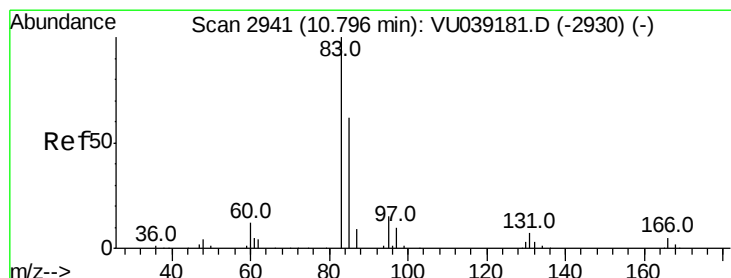
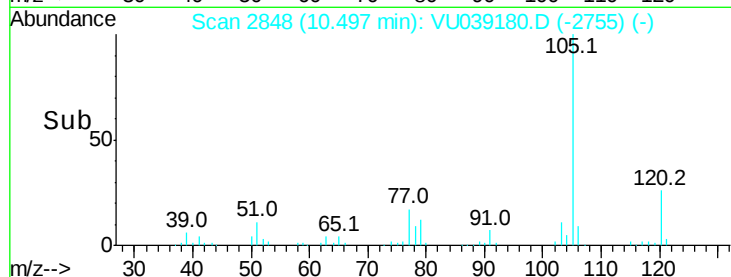
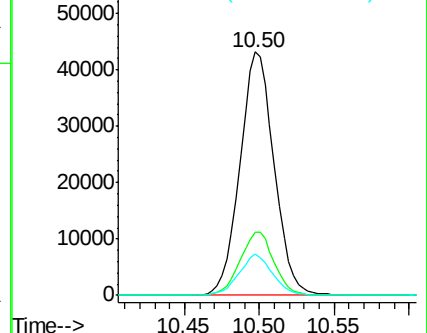
77 16.3 13.4 20.2



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: 0.873 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

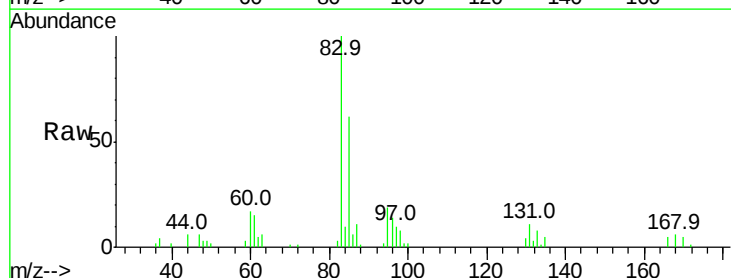
Tgt Ion: 83 Resp: 17467

Ion Ratio Lower Upper

83 100

85 62.3 43.4 80.6

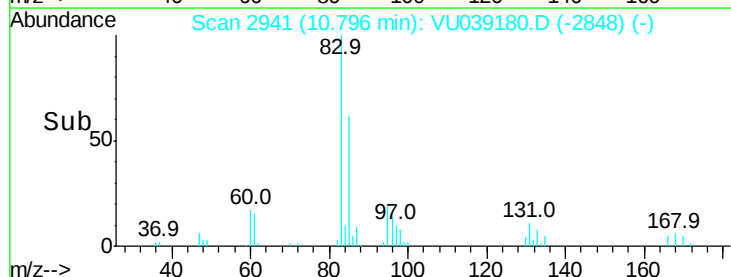
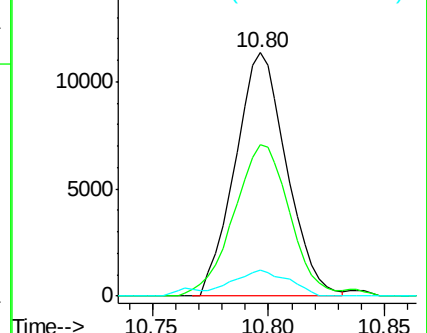
131 10.8 6.5 9.7#

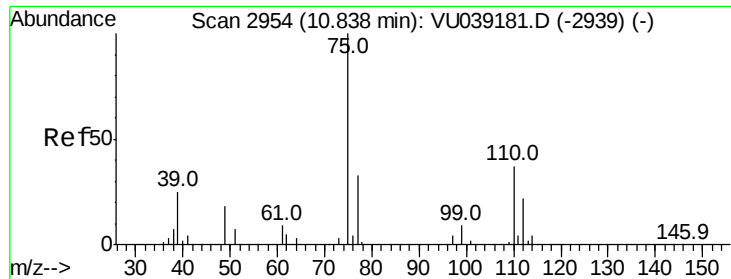


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 10.84 min Scan# 2954

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

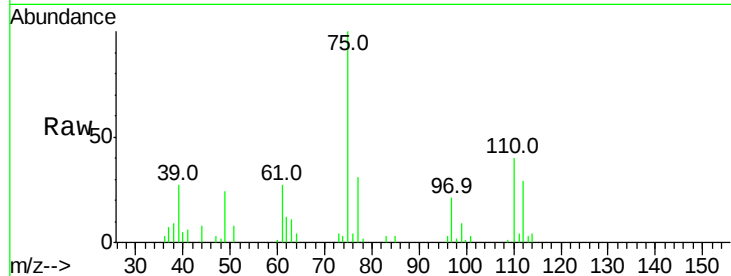
VSTD00103

Tgt Ion: 75 Resp: 14863

Ion Ratio Lower Upper

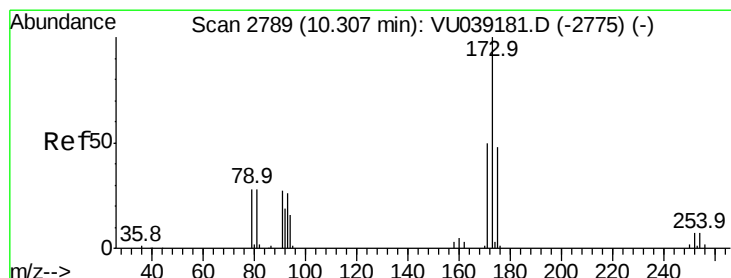
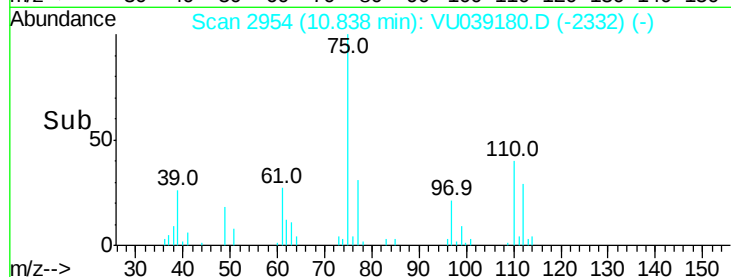
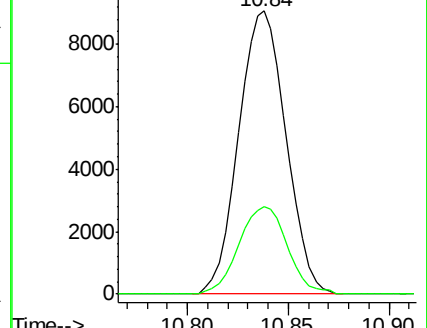
75 100

77 31.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU039181.D (-2939) (-)

Ion 77.00 (76.70 to 77.70): VU039181.D (-2939) (-)



#61

Bromoform

Concen: 1.012 ug/L

RT: 10.30 min Scan# 2788

Delta R.T. -0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

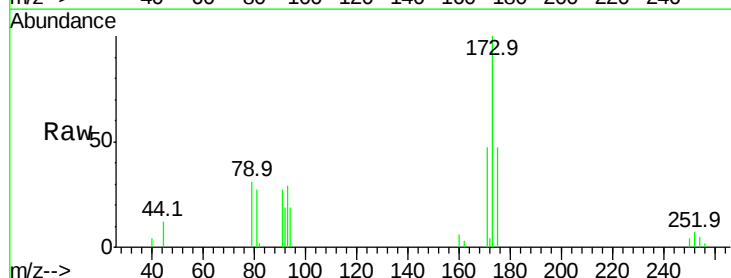
Tgt Ion: 173 Resp: 9310

Ion Ratio Lower Upper

173 100

175 48.7 39.3 58.9

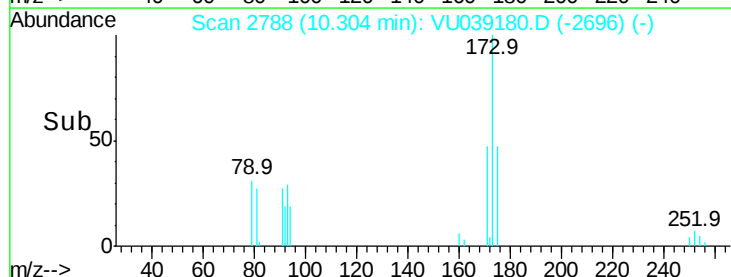
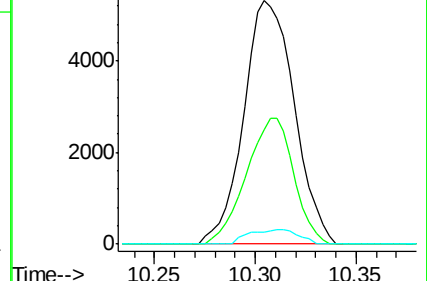
254 5.9 5.5 8.3

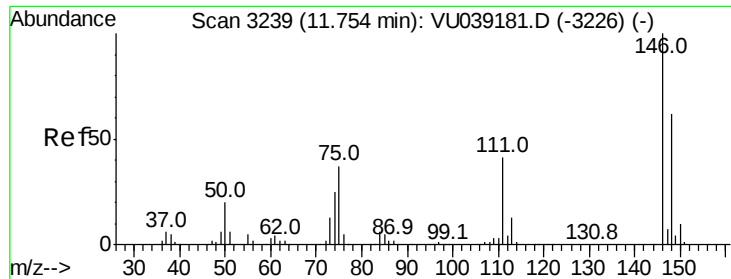


Abundance Ion 172.90 (172.60 to 173.60): VU039181.D (-2775) (-)

Ion 174.90 (174.60 to 175.60): VU039181.D (-2775) (-)

Ion 253.75 (253.45 to 254.45): VU039181.D (-2775) (-)

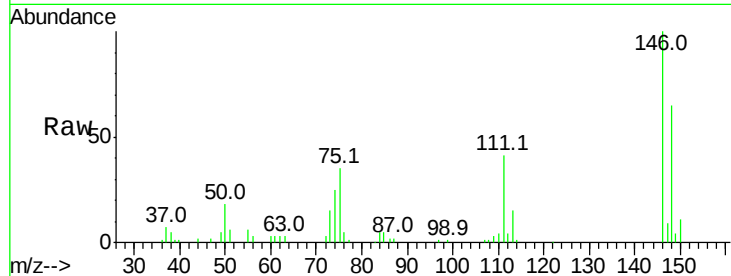




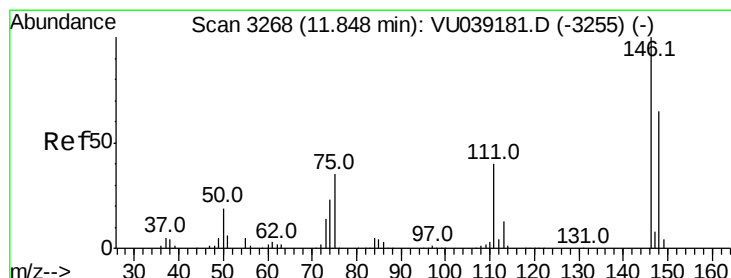
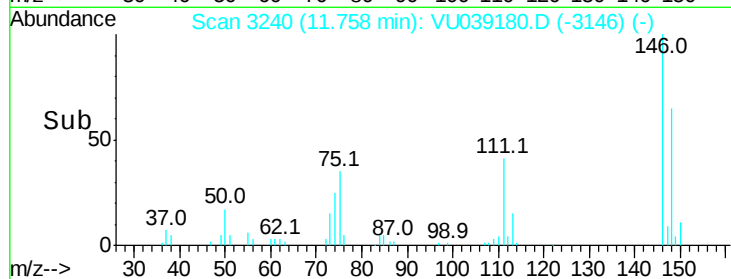
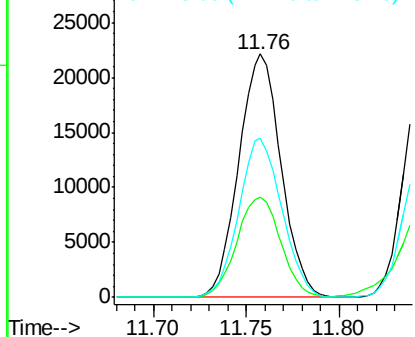
#62
 1,3-Dichlorobenzene
 Concen: 1.052 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tgt Ion:146 Resp: 35218
 Ion Ratio Lower Upper
 146 100
 111 41.2 29.0 53.8
 148 65.4 43.2 80.2

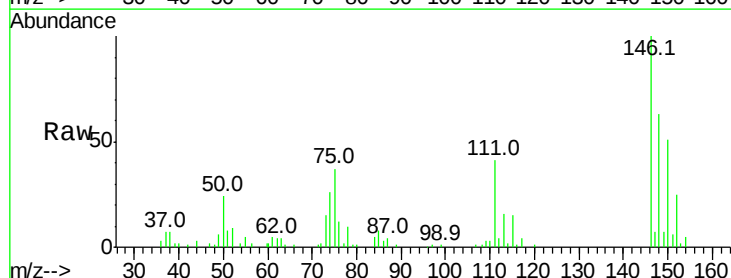


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

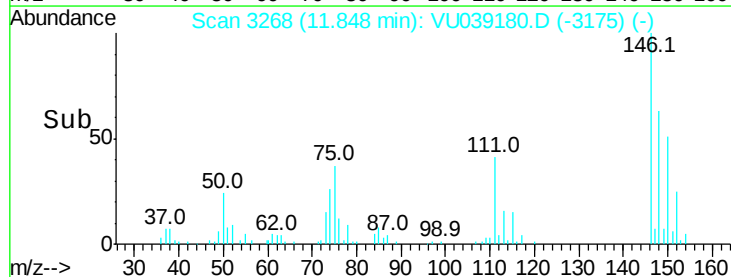
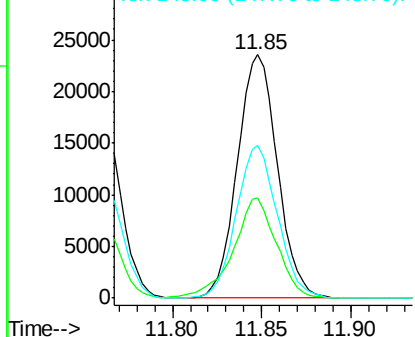


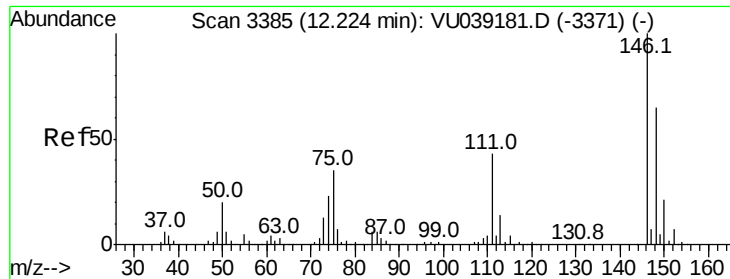
#63
 1,4-Dichlorobenzene
 Concen: 1.073 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Tgt Ion:146 Resp: 36996
 Ion Ratio Lower Upper
 146 100
 111 40.9 28.3 52.5
 148 62.8 45.8 85.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

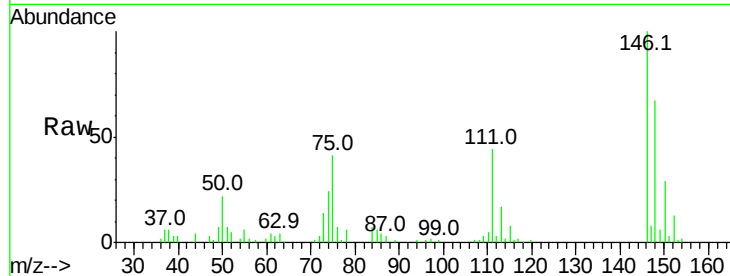




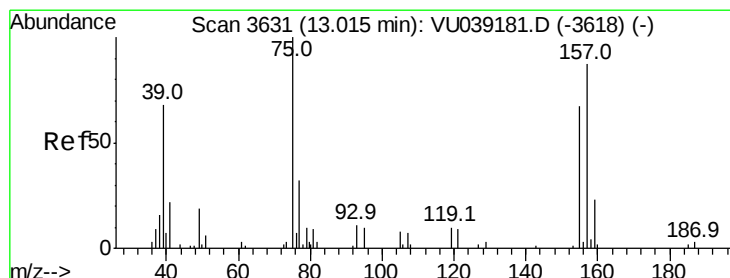
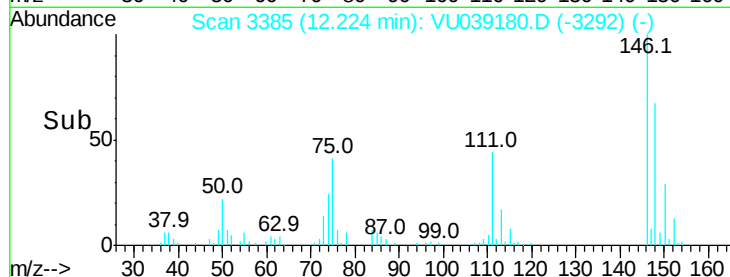
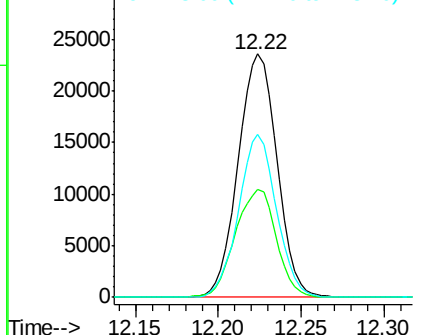
#65
 1,2-Dichlorobenzene
 Concen: 1.150 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tgt Ion: 146 Resp: 38600
 Ion Ratio Lower Upper
 146 100
 111 44.1 34.7 52.1
 148 67.1 51.8 77.6

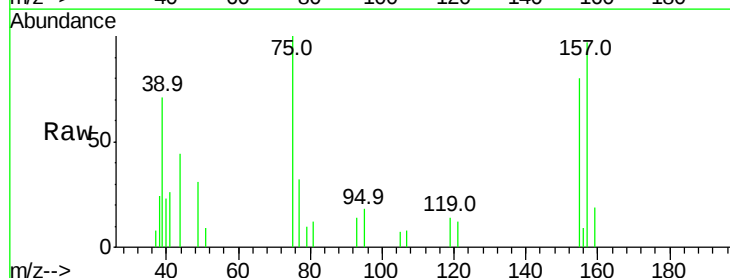


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

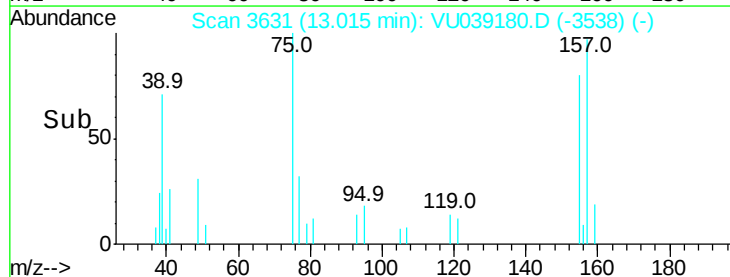
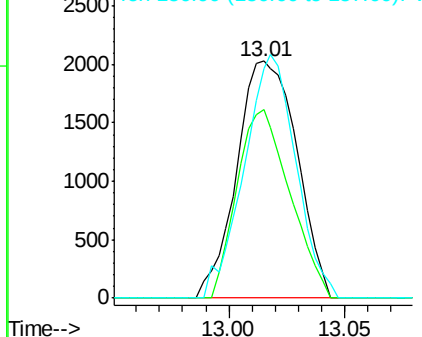


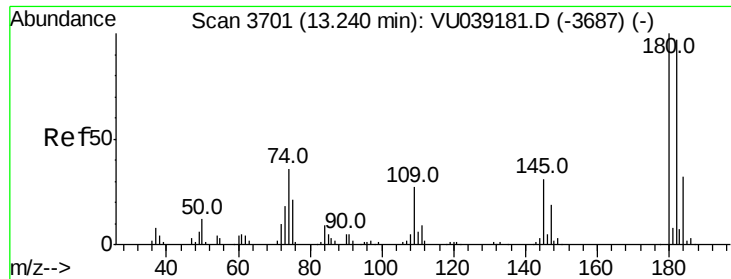
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.986 ug/L
 RT: 13.01 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Tgt Ion: 75 Resp: 3653
 Ion Ratio Lower Upper
 75 100
 155 79.7 53.8 80.8
 157 97.1 69.4 104.2



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

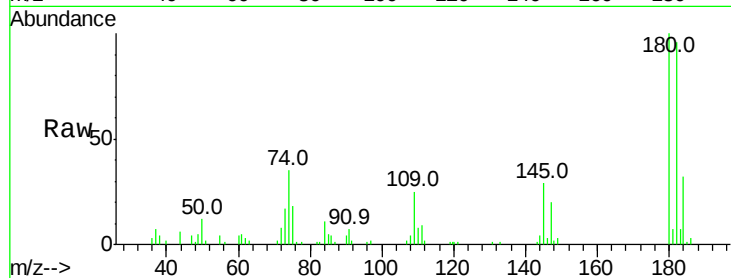




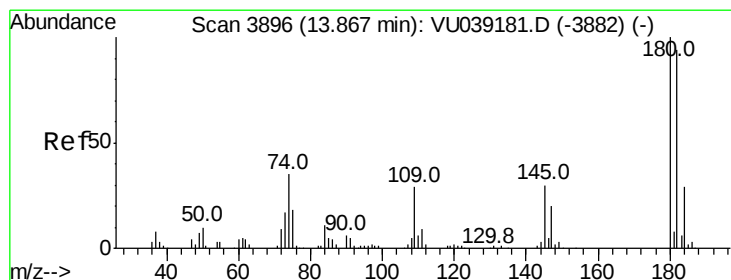
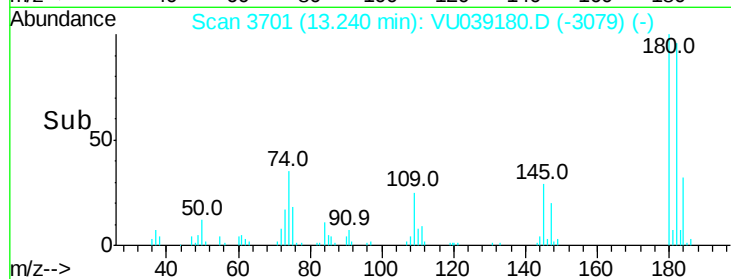
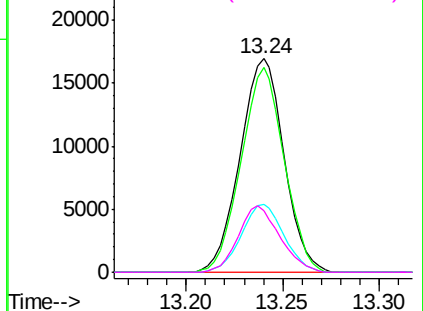
#67
 1,3,5-Trichlorobenzene
 Concen: 1.082 ug/L
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Tgt Ion:180 Resp: 26820
 Ion Ratio Lower Upper
 180 100
 182 93.5 77.5 116.3
 184 31.0 25.1 37.7
 145 29.5 24.4 36.6

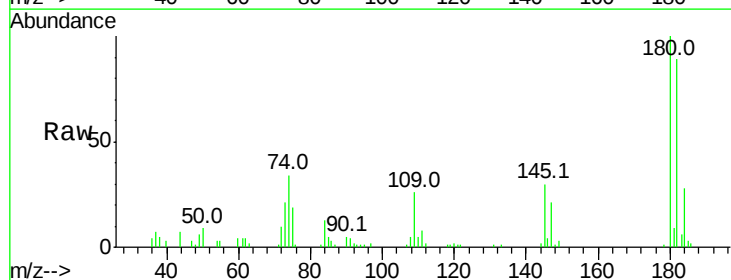


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

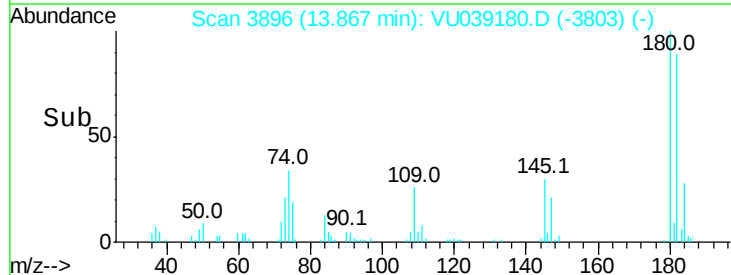
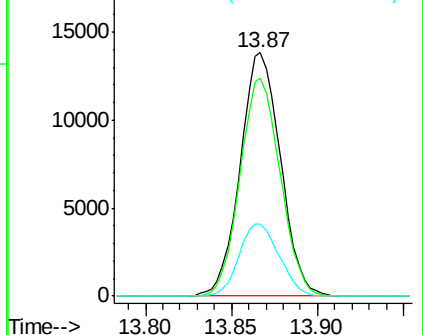


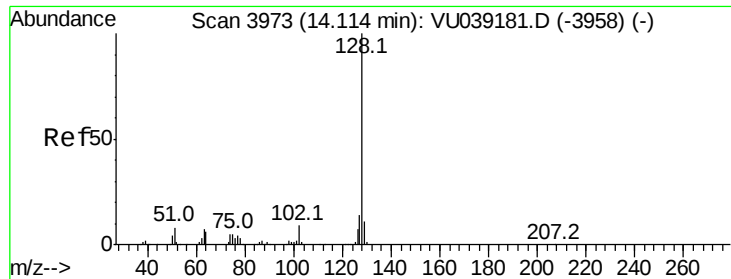
#68
 1,2,4-trichlorobenzene
 Concen: 0.998 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU039180.D
 Acq: 29 Jun 2020 09:58

Tgt Ion:180 Resp: 22535
 Ion Ratio Lower Upper
 180 100
 182 89.1 75.4 113.0
 145 29.4 25.3 37.9



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: 0.733 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD00103

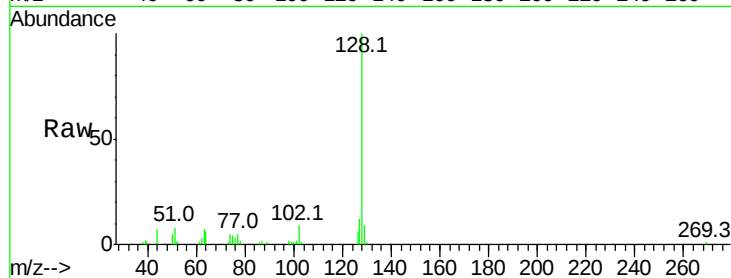
Tgt Ion:128 Resp: 35288

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

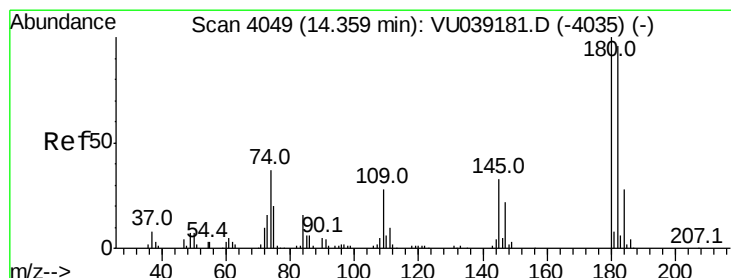
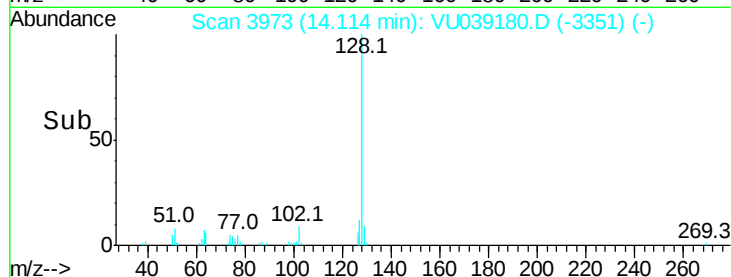
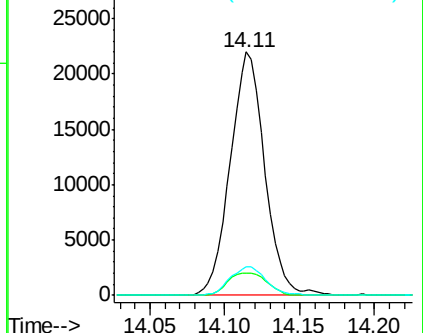
127 12.3 10.7 16.1



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: 0.930 ug/L

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU039180.D

Acq: 29 Jun 2020 09:58

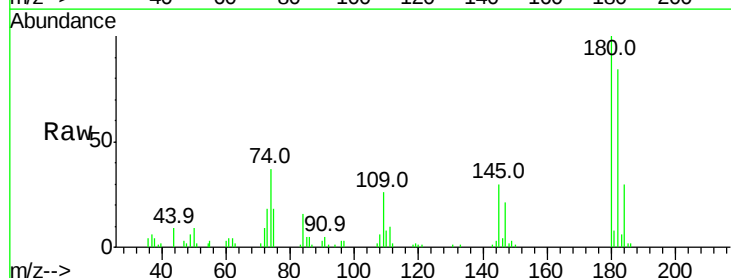
Tgt Ion:180 Resp: 20259

Ion Ratio Lower Upper

180 100

182 86.4 76.8 115.2

145 32.5 26.4 39.6



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

