

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041578.D
 Acq On : 12 Dec 2020 19:24
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Dec 13 11:20:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:18:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	155818	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	149754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	84015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62762	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.92	69	48706	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	115713	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	4.65	46	187536	53.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	5.08	84	106453	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.72	65	58931	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	217324	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	69551	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.91	98	204782	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	8.19	79	31126	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.64	63	176266	53.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	63098	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	71430	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	69585	5.271	ug/L 100
3) Chloromethane	1.53	50	66544	5.189	ug/L 99
5) Vinyl chloride	1.61	62	72549	5.123	ug/L 97
6) Bromomethane	1.87	94	46550	5.258	ug/L 97
8) Chloroethane	1.94	64	45440	4.724	ug/L 99
9) Trichlorofluoromethane	2.15	101	92420	5.156	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54512	5.085	ug/L 98
12) 1,1-Dichloroethene	2.59	96	55181	5.220	ug/L 93
13) Acetone	2.66	43	116014	52.123	ug/L 99
14) Carbon disulfide	2.81	76	193235	5.290	ug/L 99
15) Methyl Acetate	2.97	43	28488	4.923	ug/L 99
16) Methylene chloride	3.06	84	62703	4.967	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	152421	5.404	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	58506	5.351	ug/L 99
19) 1,1-Dichloroethane	3.89	63	105500	5.163	ug/L 99
21) 2-Butanone	4.74	43	195087	53.811	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	63547	5.259	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121220\
 Data File : VU041578.D
 Acq On : 12 Dec 2020 19:24
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Dec 13 11:20:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:18:43 2020
 Response via : Initial Calibration

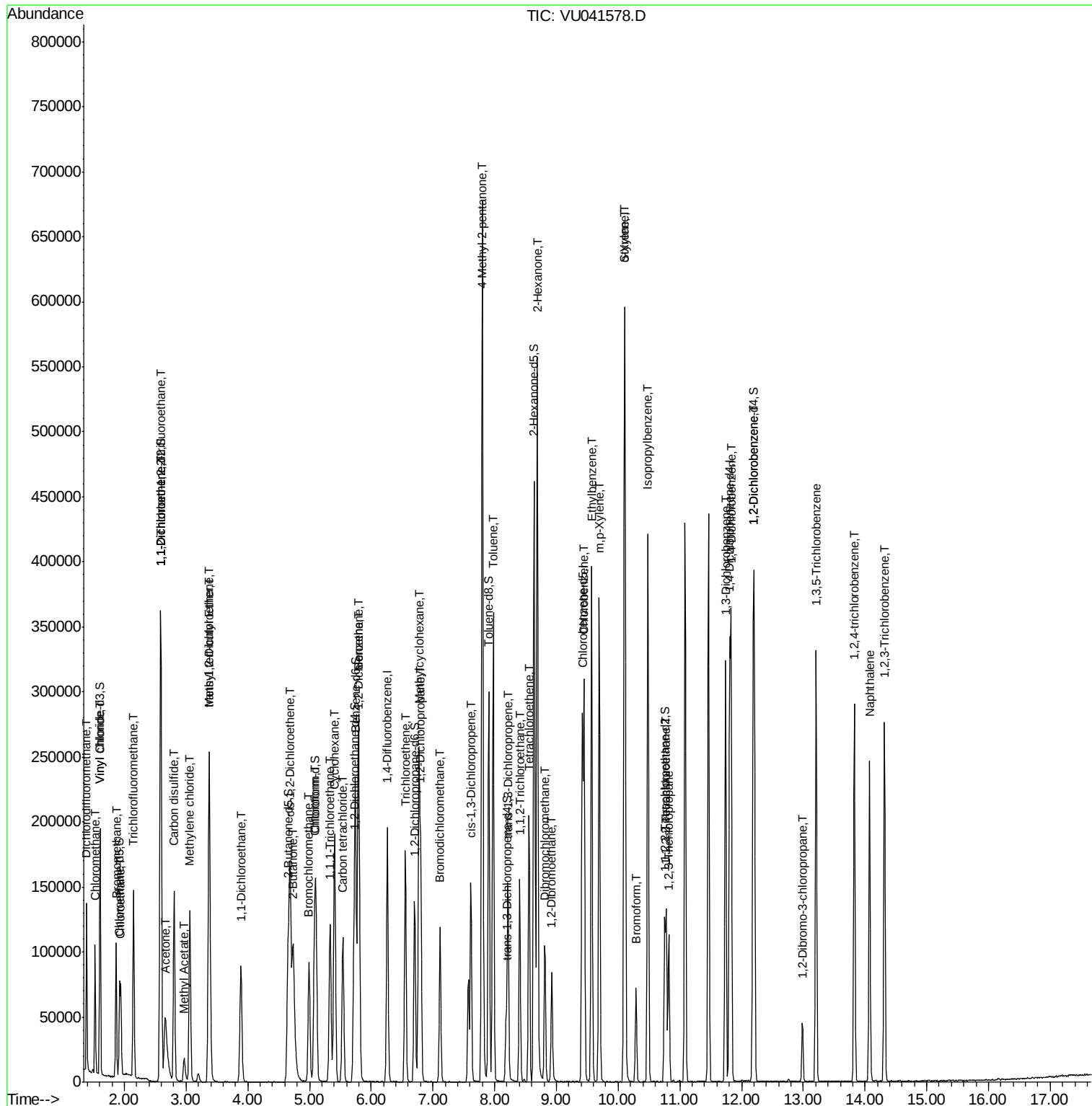
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	29442	5.304	ug/L	95
25) Chloroform	5.11	83	107144	5.207	ug/L	96
27) 1,2-Dichloroethane	5.81	62	73082	5.244	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	89469	5.202	ug/L	98
30) Cyclohexane	5.41	56	98905	5.131	ug/L	98
31) Carbon tetrachloride	5.54	117	76926	5.173	ug/L	99
33) Benzene	5.79	78	245428	5.124	ug/L	100
34) Trichloroethene	6.55	95	61816	5.136	ug/L	97
35) Methylcyclohexane	6.77	83	98589	5.068	ug/L	97
37) 1,2-Dichloropropane	6.80	63	65355	5.335	ug/L	99
38) Bromodichloromethane	7.11	83	79341	5.206	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	94873	5.227	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	445636	51.123	ug/L	98
42) Toluene	7.98	91	264441	5.348	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	87220	5.373	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	48394	5.342	ug/L	98
47) Tetrachloroethene	8.56	164	44406	5.271	ug/L	98
48) 2-Hexanone	8.69	43	351366	55.386	ug/L	99
49) Dibromochloromethane	8.81	129	54898	5.276	ug/L	98
50) 1,2-Dibromoethane	8.93	107	47025	5.247	ug/L	93
51) Chlorobenzene	9.45	112	160253	5.214	ug/L	99
52) Ethylbenzene	9.57	91	279747	5.313	ug/L	97
53) m,p-Xylene	9.69	106	106587	5.428	ug/L	99
54) o-Xylene	10.10	106	102598	5.334	ug/L	99
55) Styrene	10.11	104	179435	5.401	ug/L	98
56) Isopropylbenzene	10.48	105	275352	5.379	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	65991	5.235	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	49927	5.427	ug/L	98
61) Bromoform	10.29	173	32293	5.085	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	135140	5.259	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	136751	5.293	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	124747	4.958	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	12175	5.160	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	98497	5.050	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	87985	5.376	ug/L	100
69) Naphthalene	14.07	128	192267	5.675	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	82403	5.282	ug/L	100

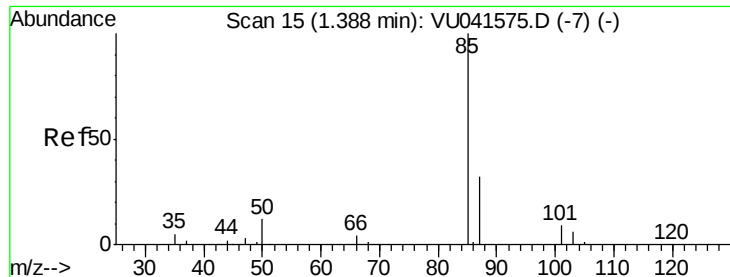
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121220\
Data File : VU041578.D
Acq On : 12 Dec 2020 19:24
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Quant Time: Dec 13 11:20:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:18:43 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.271 ug/L

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

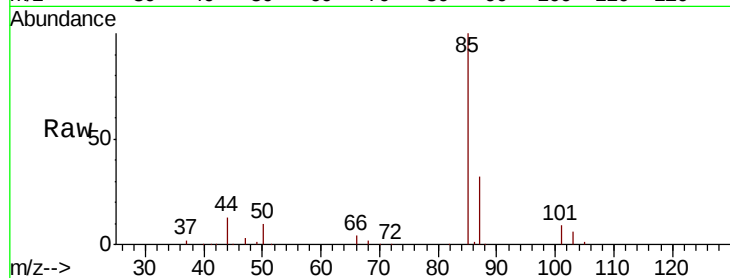
VICV06

Tot Ion: 85 Resp: 69585

Ion Ratio Lower Upper

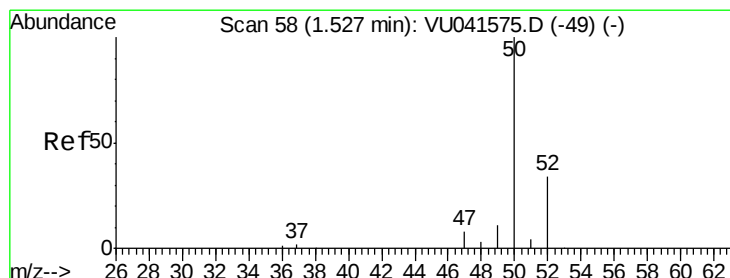
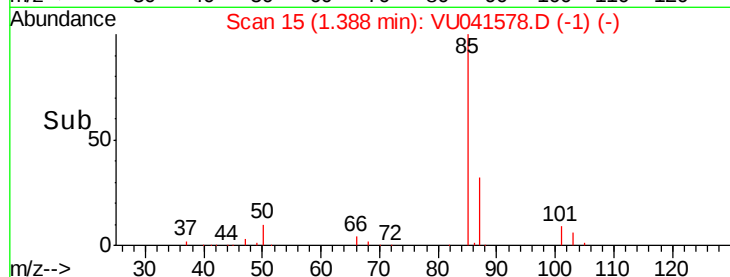
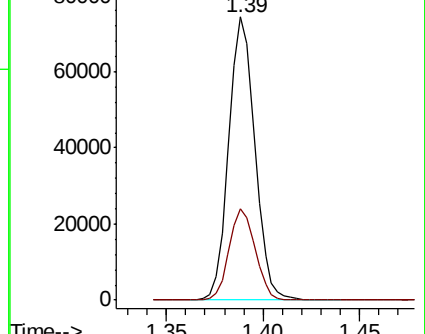
85 100

87 32.2 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU041575.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU041575.D (-7) (-)



#3

Chloromethane

Concen: 5.189 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041578.D

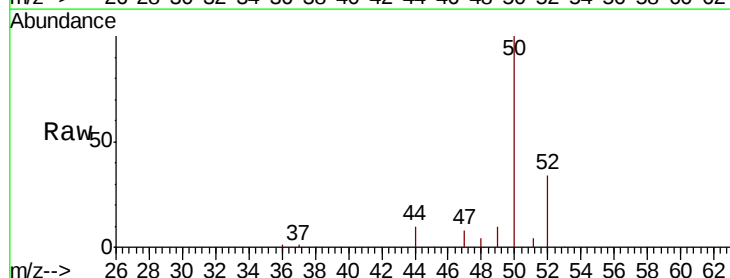
Acq: 12 Dec 2020 19:24

Tgt Ion: 50 Resp: 66544

Ion Ratio Lower Upper

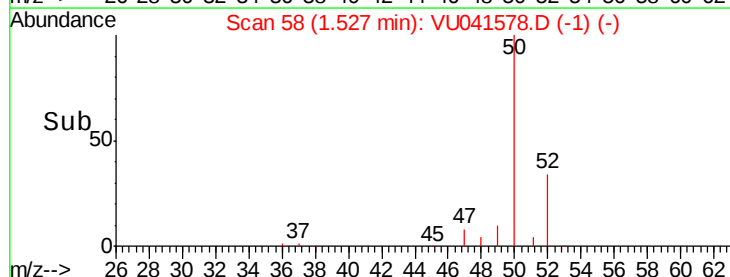
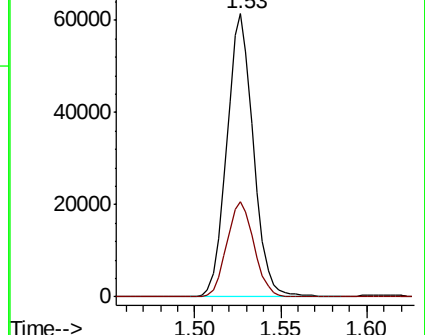
50 100

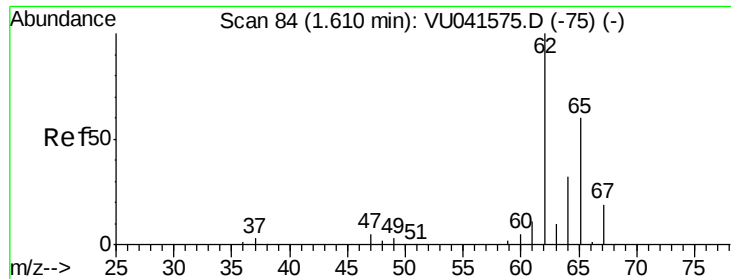
52 33.8 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041575.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU041575.D (-49) (-)





#5

Vinyl chloride

Concen: 5.123 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

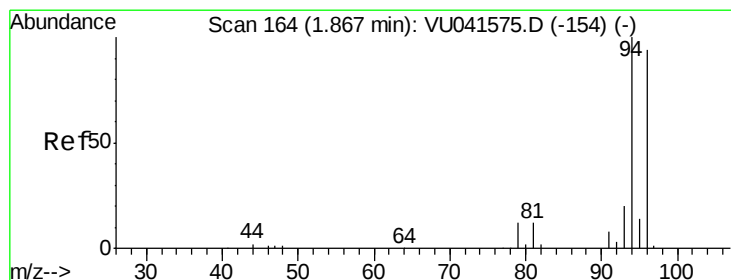
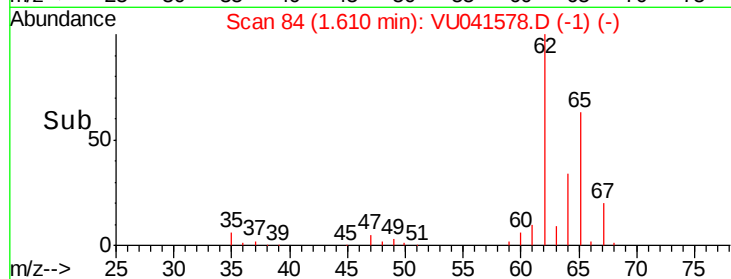
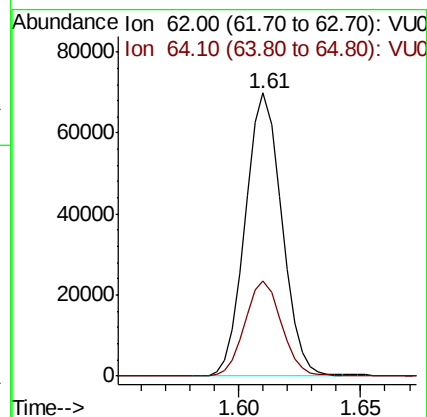
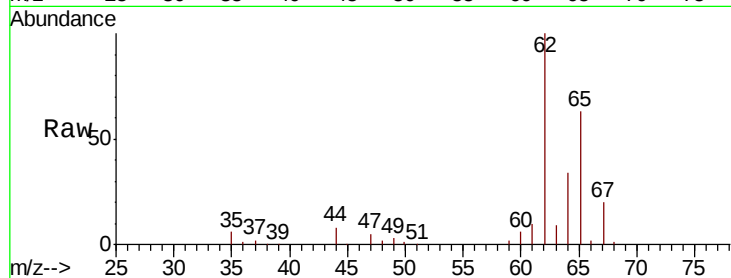
VICV06

Tot Ion: 62 Resp: 72549

Ion Ratio Lower Upper

62 100

64 33.5 22.5 41.7



#6

Bromomethane

Concen: 5.258 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU041578.D

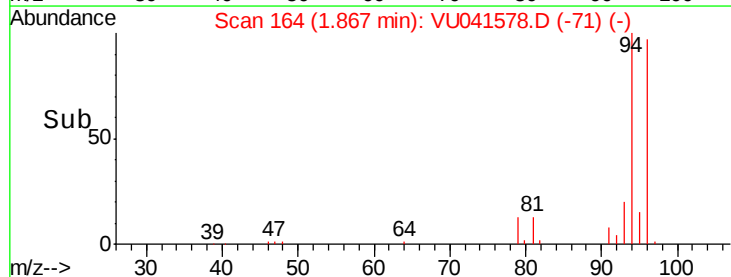
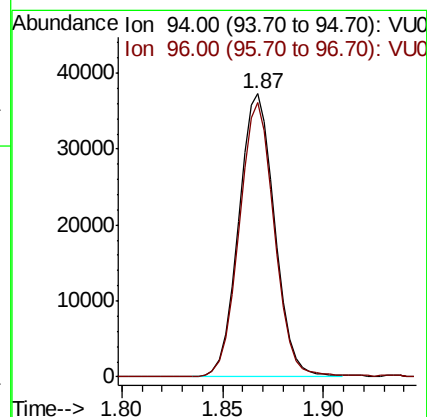
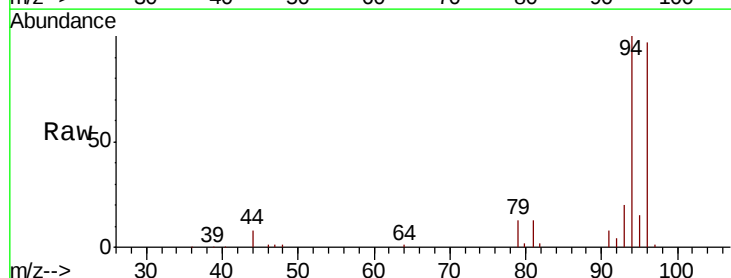
Acq: 12 Dec 2020 19:24

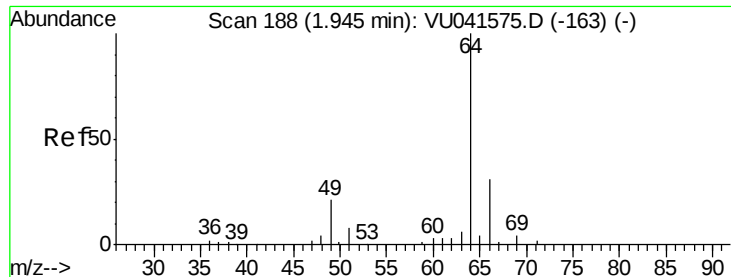
Tgt Ion: 94 Resp: 46550

Ion Ratio Lower Upper

94 100

96 96.9 65.7 121.9

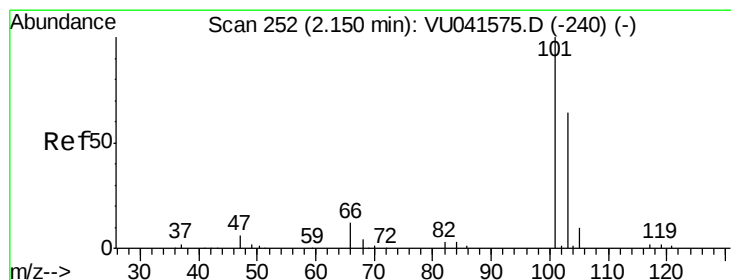
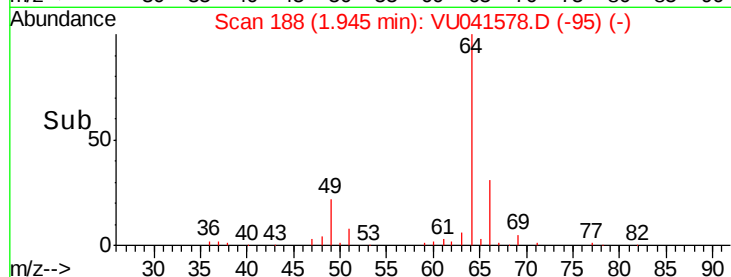
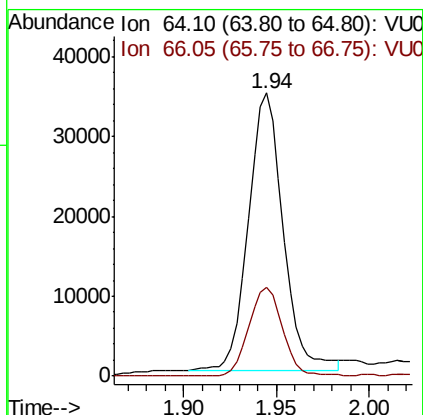
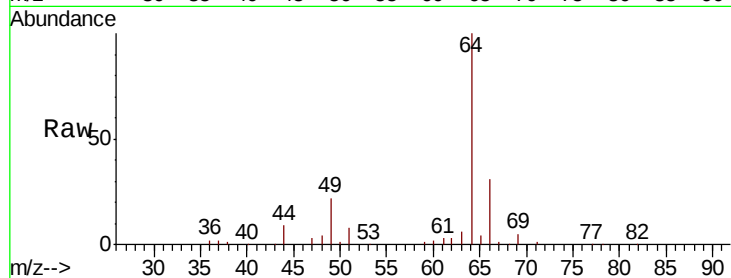




#8
Chloroethane
Concen: 4.724 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

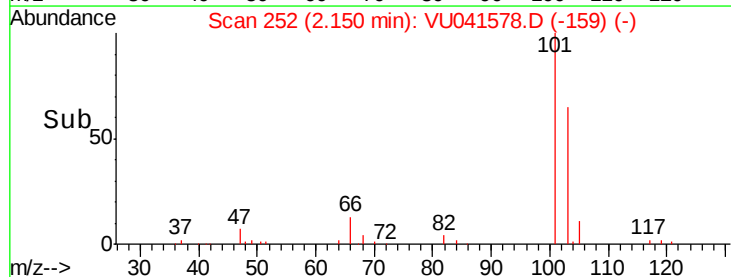
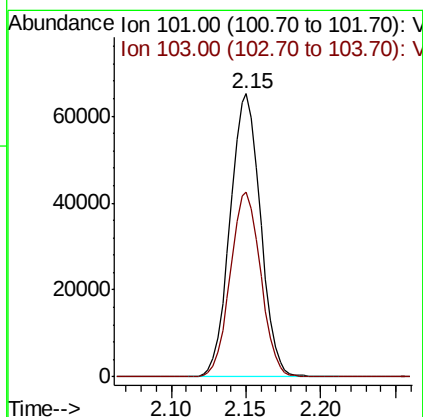
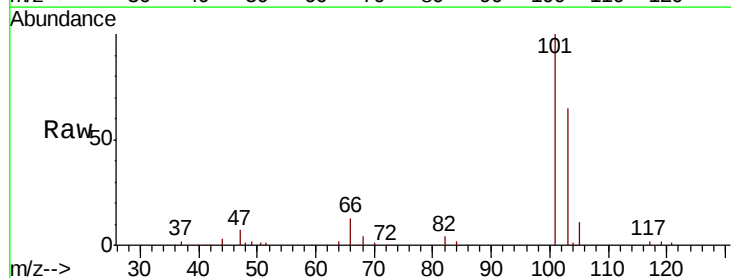
Instrument :
MSVOA_U
ClientSampleId :
VICV06

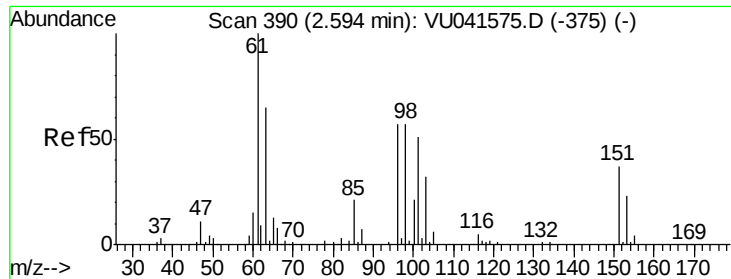
Tot Ion: 64 Resp: 45440
Ion Ratio Lower Upper
64 100
66 31.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 5.156 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Tgt Ion:101 Resp: 92420
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7





#10

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

Concen: 5.085 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

VICV06

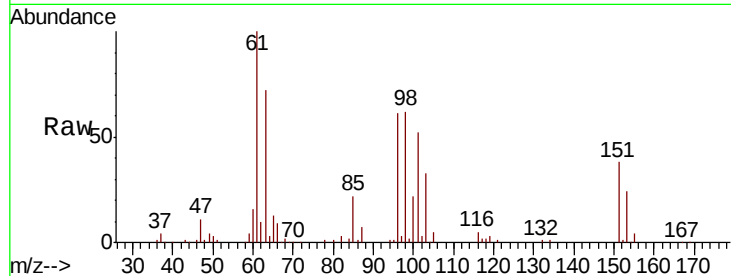
Tot Ion:101 Resp: 54512

Ion Ratio Lower Upper

101 100

85 42.3 33.6 50.4

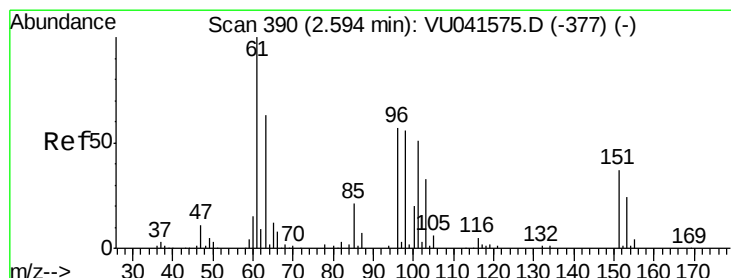
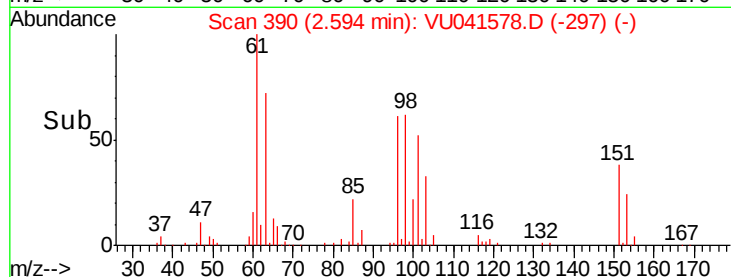
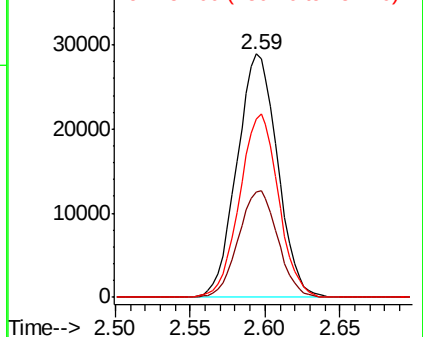
151 72.2 56.2 84.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.220 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

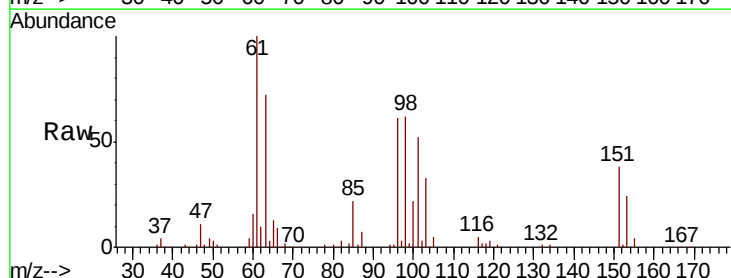
Tgt Ion: 96 Resp: 55181

Ion Ratio Lower Upper

96 100

61 163.8 123.8 230.0

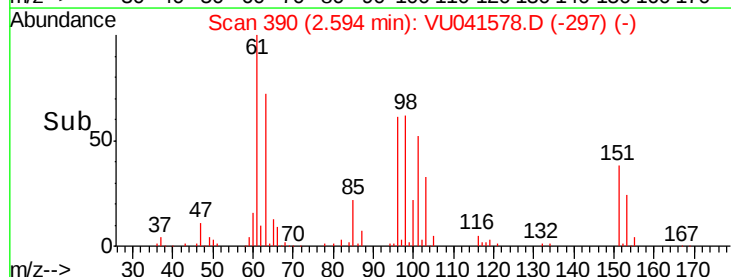
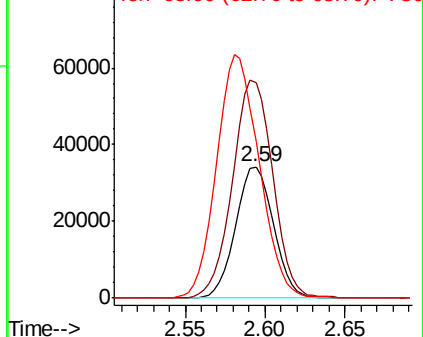
63 118.7 81.0 150.4

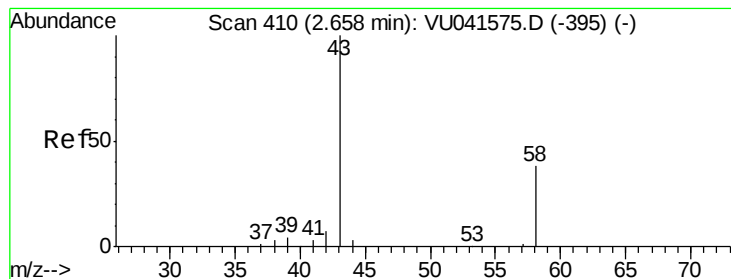


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 52.123 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

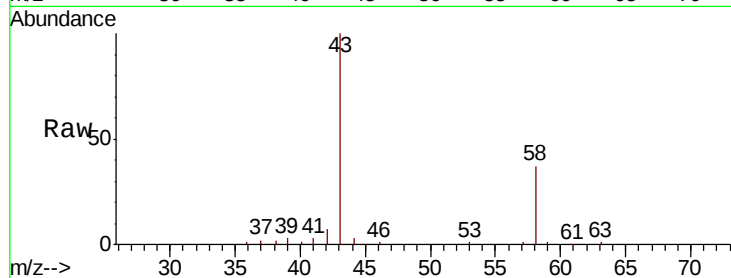
VICV06

Tot Ion: 43 Resp: 116014

Ion Ratio Lower Upper

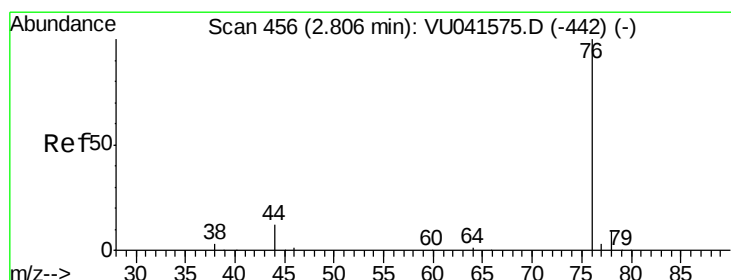
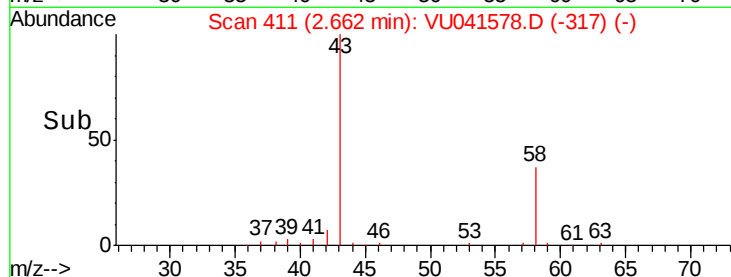
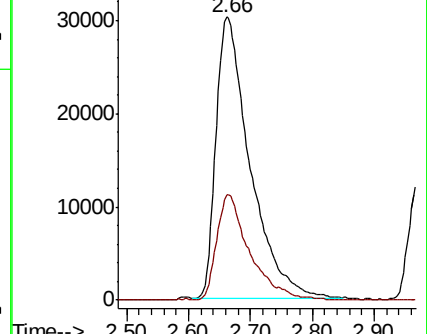
43 100

58 35.9 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041578.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041578.D (-395) (-)



#14

Carbon disulfide

Concen: 5.290 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU041578.D

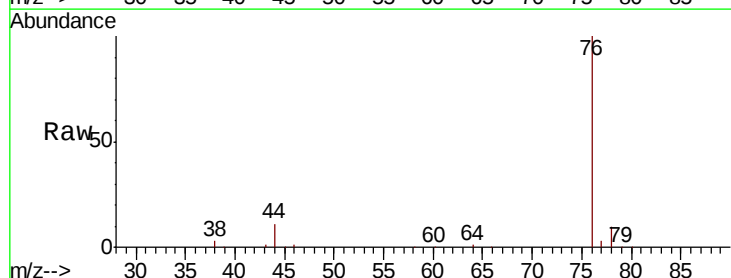
Acq: 12 Dec 2020 19:24

Tgt Ion: 76 Resp: 193235

Ion Ratio Lower Upper

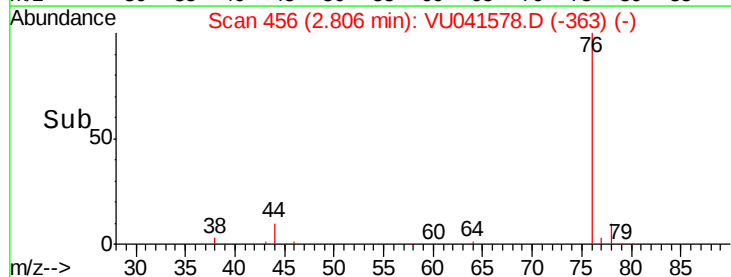
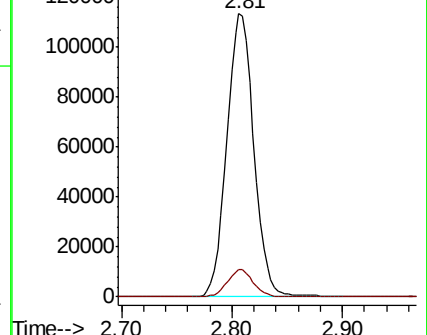
76 100

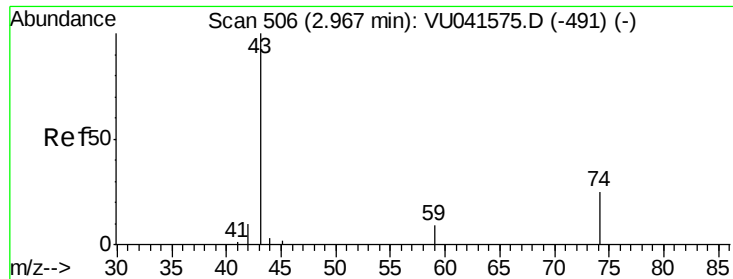
78 9.7 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VU041578.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU041578.D (-363) (-)

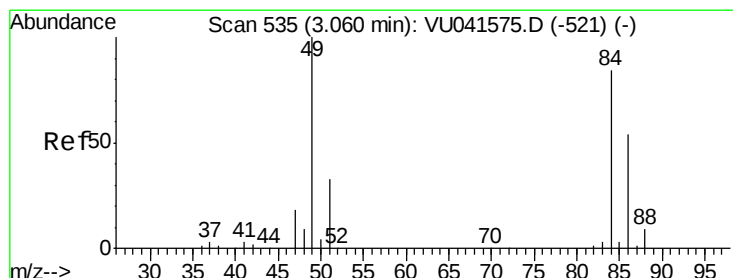
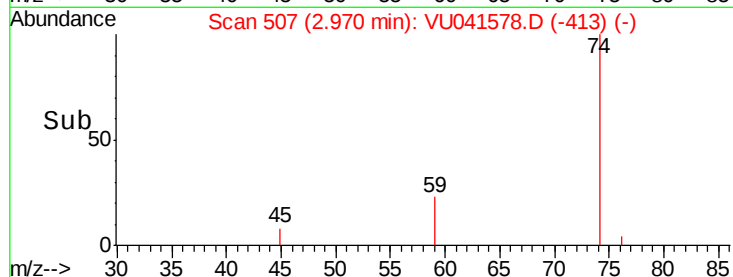
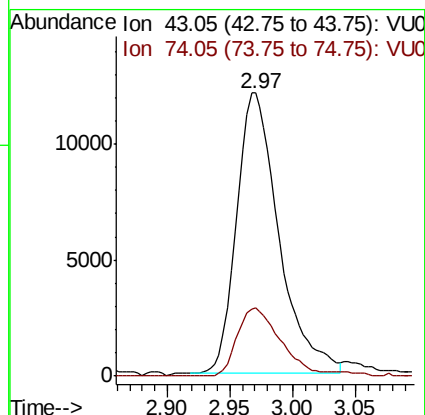
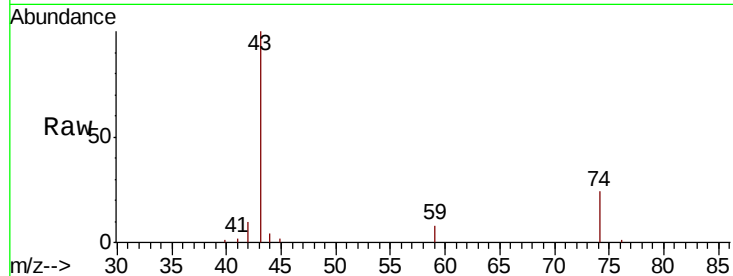




#15
Methyl Acetate
Concen: 4.923 ug/L
RT: 2.97 min Scan# 507
Delta R.T. 0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

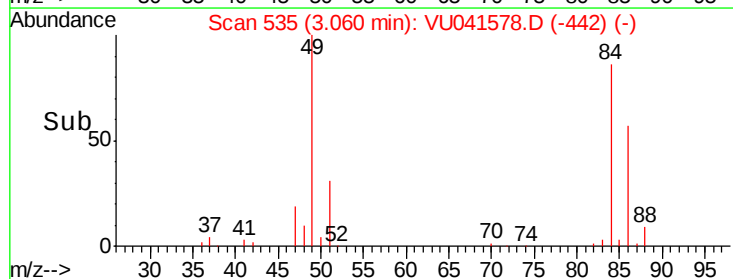
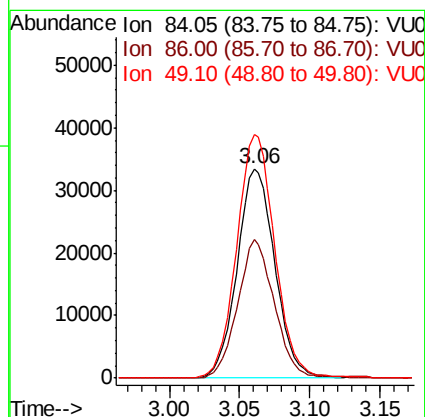
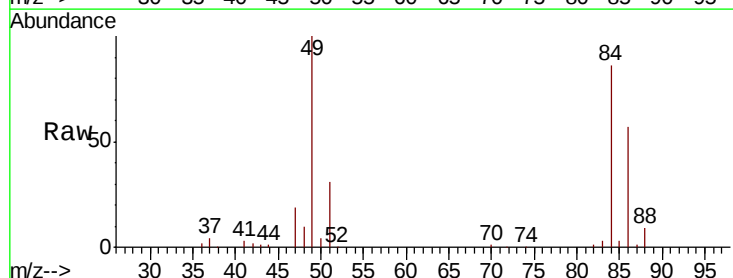
Instrument :
MSVOA_U
ClientSampled :
VICV06

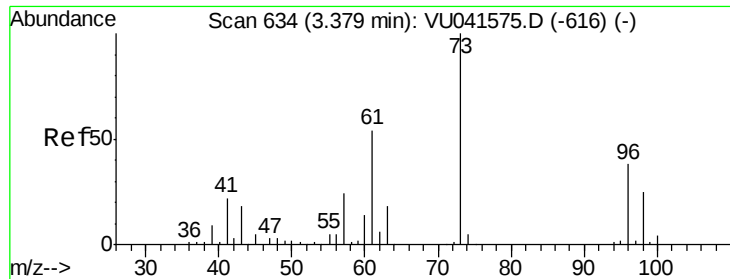
Tot Ion: 43 Resp: 28488
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8



#16
Methylene chloride
Concen: 4.967 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Tgt Ion: 84 Resp: 62703
Ion Ratio Lower Upper
84 100
86 66.1 45.1 83.7
49 116.4 83.1 154.3

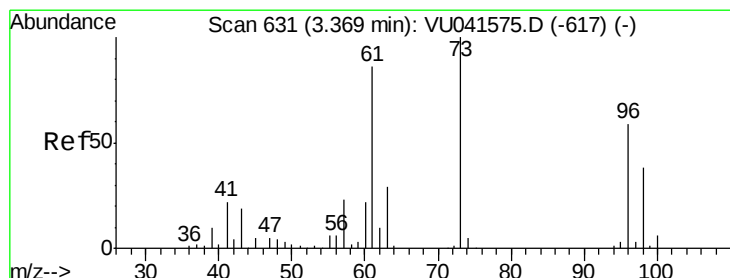
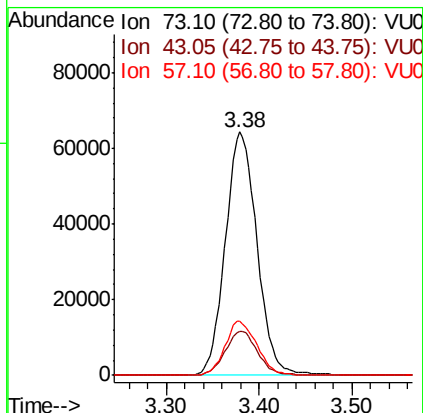
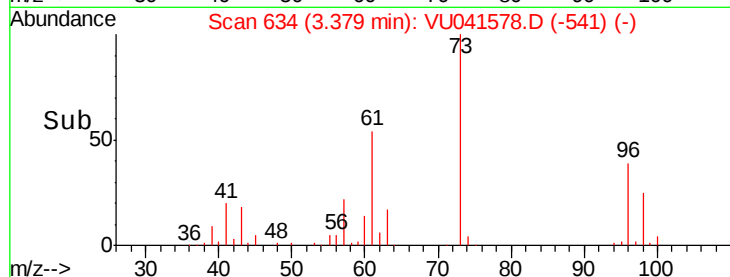
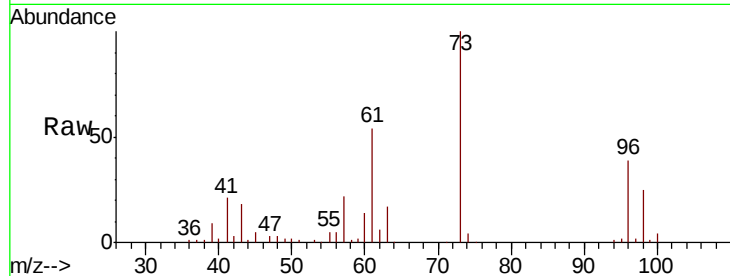




#17
Methvl tert-butvl Ether
Concen: 5.404 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

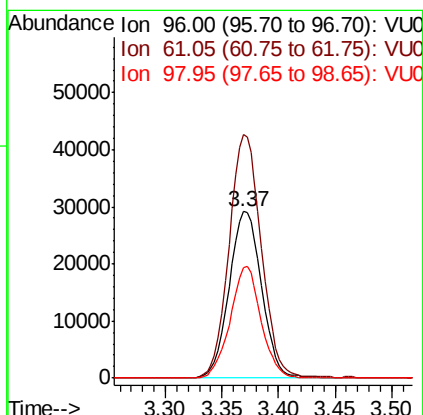
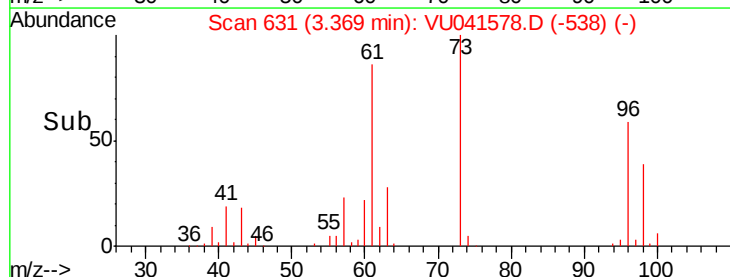
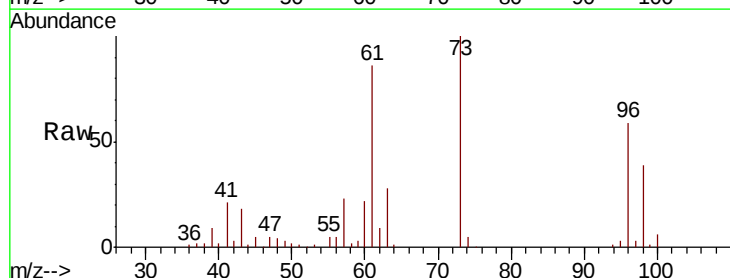
Instrument :
MSVOA_U
ClientSampleId :
VICV06

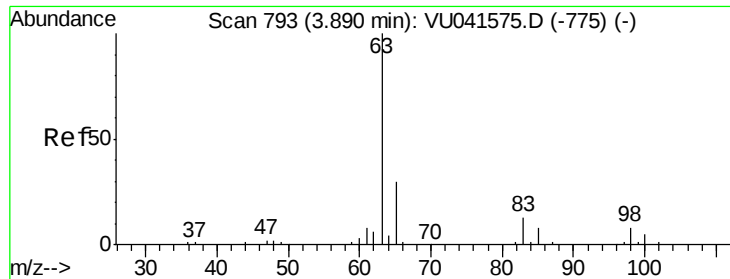
Tot Ion: 73 Resp: 152421
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1
57 22.4 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.351 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Tgt Ion: 96 Resp: 58506
Ion Ratio Lower Upper
96 100
61 146.2 101.8 189.0
98 66.0 44.4 82.5

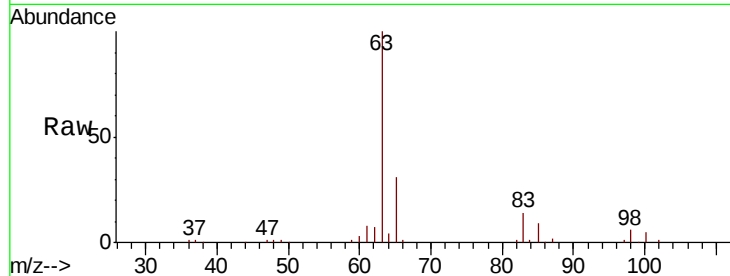




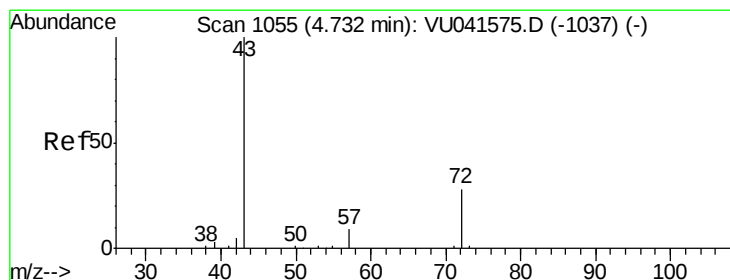
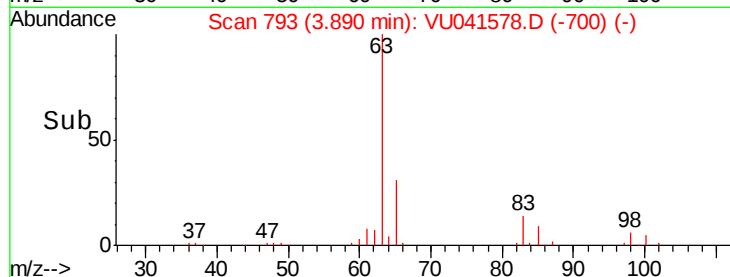
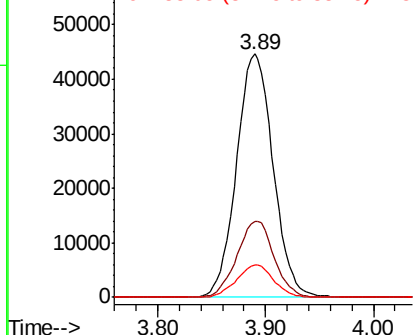
#19
 1,1-Dichloroethane
 Concen: 5.163 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tot Ion: 63 Resp: 105500
 Ion Ratio Lower Upper
 63 100
 65 31.1 21.3 39.6
 83 13.5 9.3 17.3

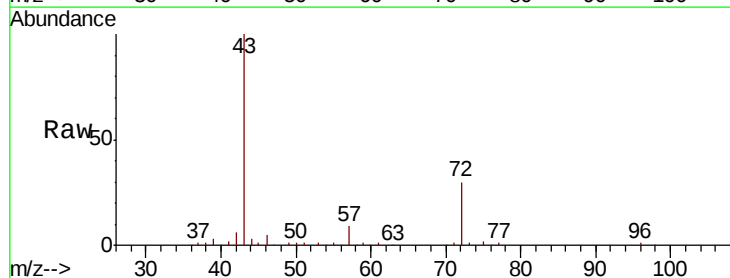


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

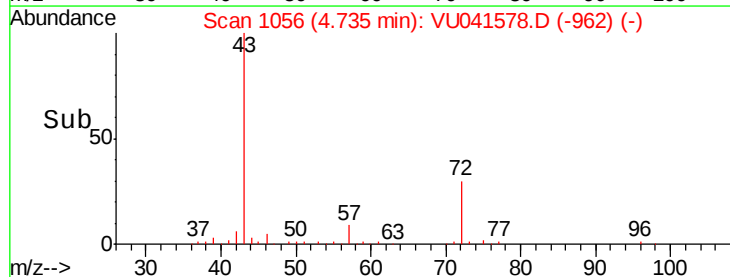
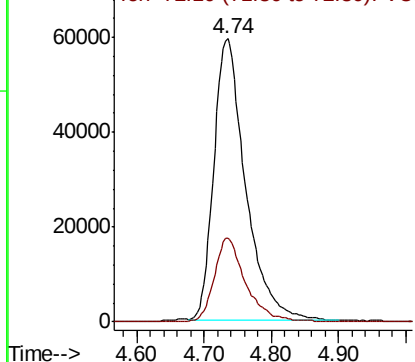


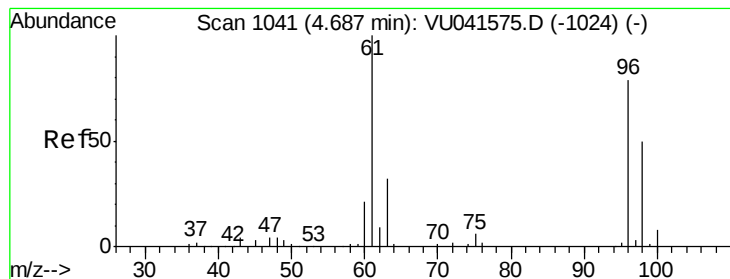
#21
 2-Butanone
 Concen: 53.811 ug/L
 RT: 4.74 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Tgt Ion: 43 Resp: 195087
 Ion Ratio Lower Upper
 43 100
 72 29.5 14.6 44.0



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: 5.259 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

VICV06

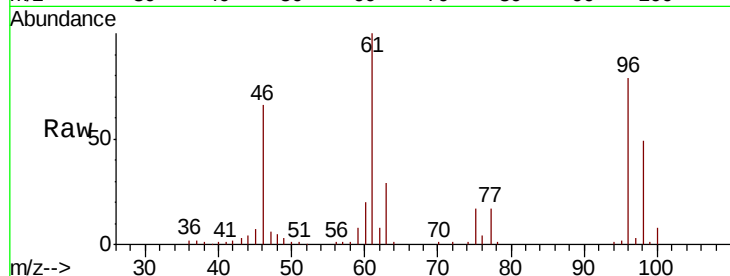
Tot Ion: 96 Resp: 63547

Ion Ratio Lower Upper

96 100

61 126.8 88.8 165.0

68 0.0 0.0 0.0

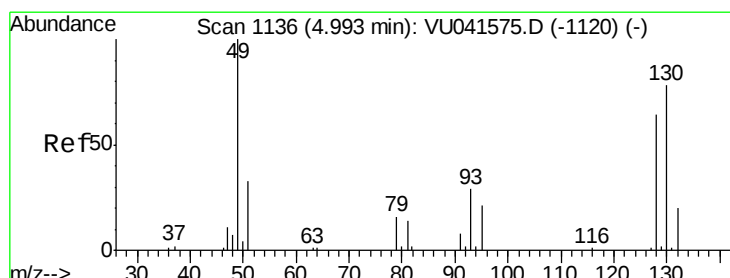
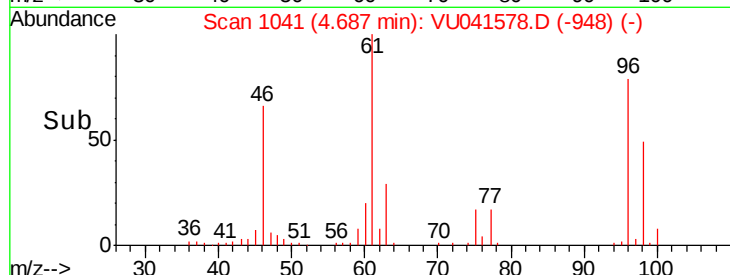
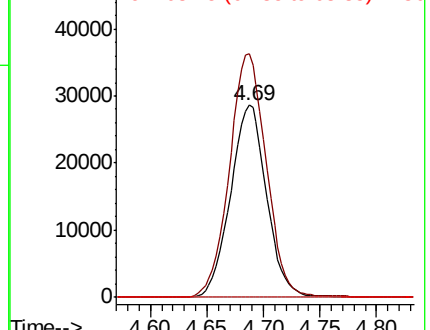


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#23

Bromochloromethane

Concen: 5.304 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Tgt Ion: 128 Resp: 29442

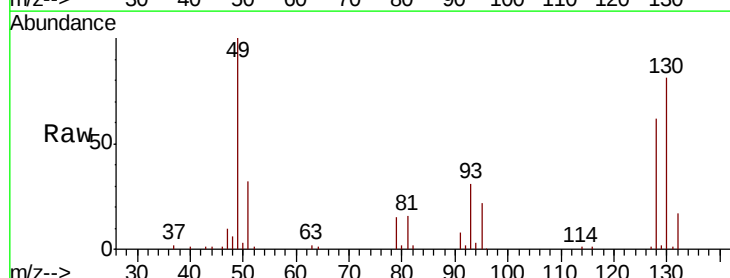
Ion Ratio Lower Upper

128 100

49 161.1 109.3 203.1

130 130.9 84.8 157.6

51 52.1 40.6 61.0



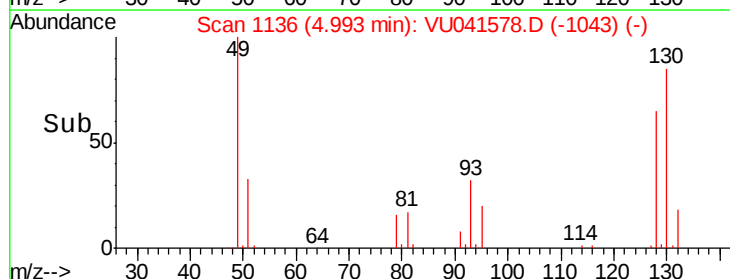
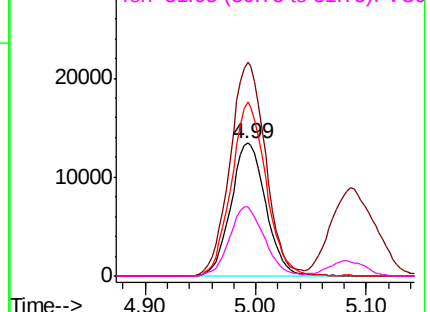
Abundance

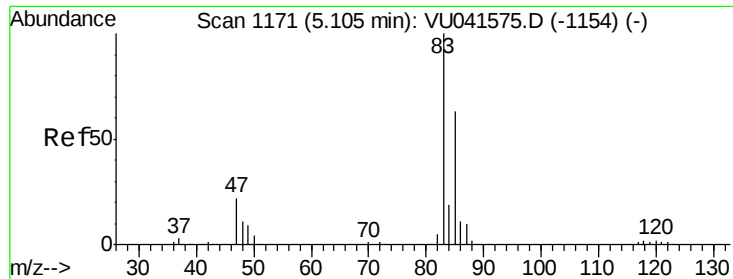
Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VU0

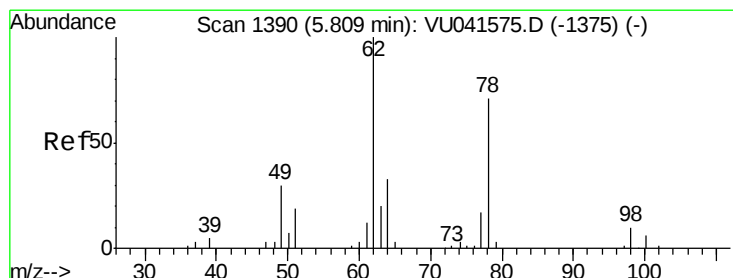
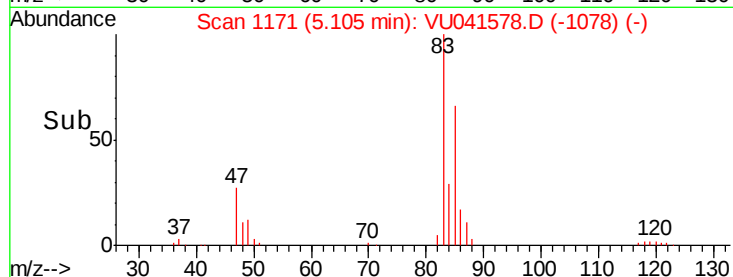
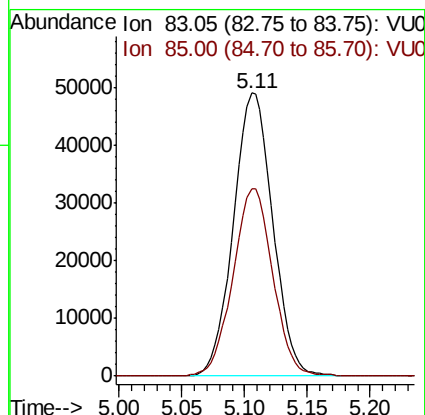
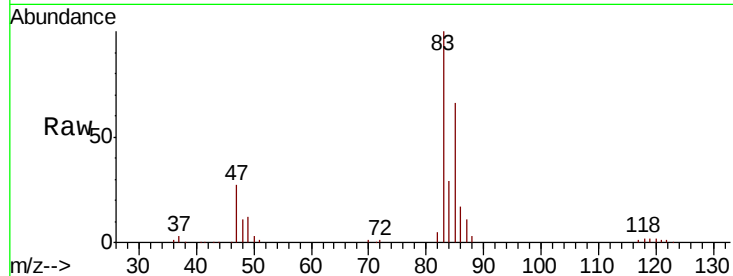




#25
Chloroform
Concen: 5.207 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

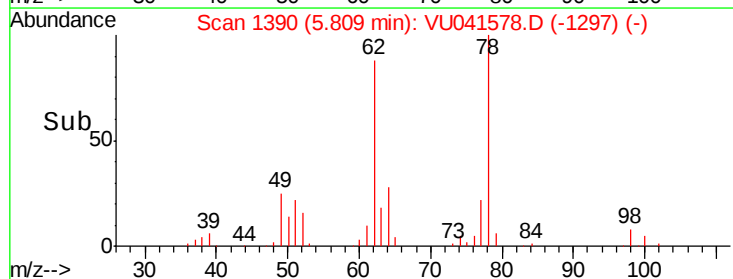
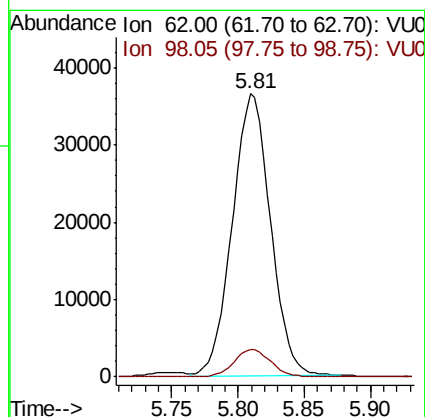
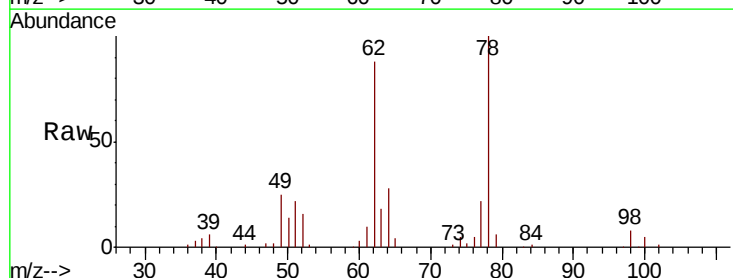
Instrument :
MSVOA_U
ClientSampled :
VICV06

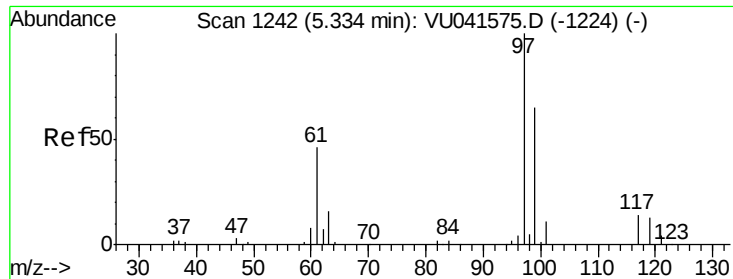
Tot Ion: 83 Resp: 107144
Ion Ratio Lower Upper
83 100
85 66.3 44.2 82.0



#27
1,2-Dichloroethane
Concen: 5.244 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Tgt Ion: 62 Resp: 73082
Ion Ratio Lower Upper
62 100
98 9.5 8.2 12.2

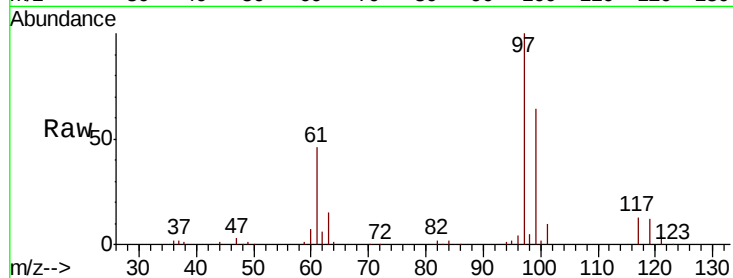




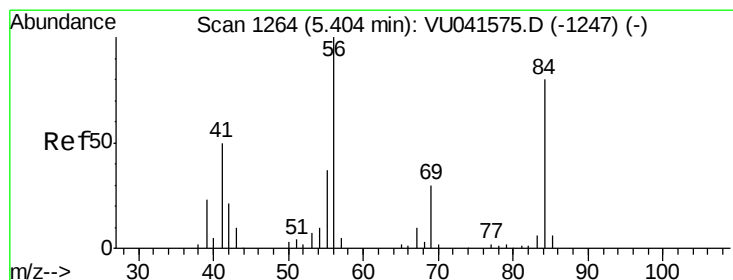
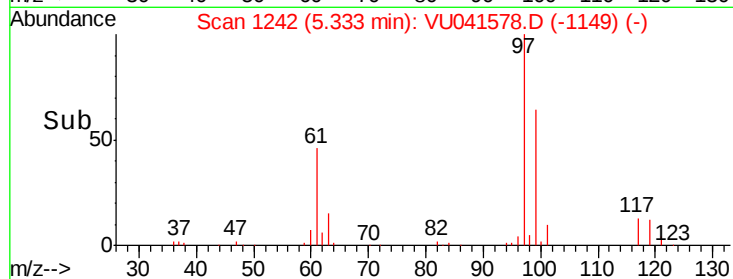
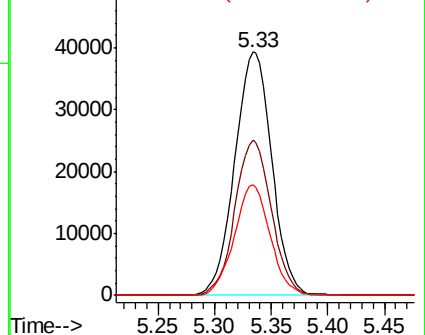
#29
1,1,1-Trichloroethane
Concen: 5.202 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Instrument :
MSVOA_U
ClientSampled :
VICV06

Tot Ion: 97 Resp: 89469
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 44.0 36.5 54.7

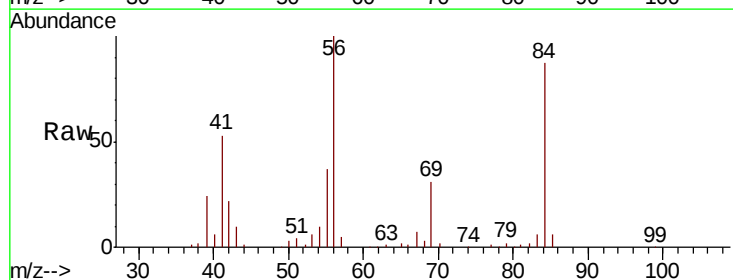


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

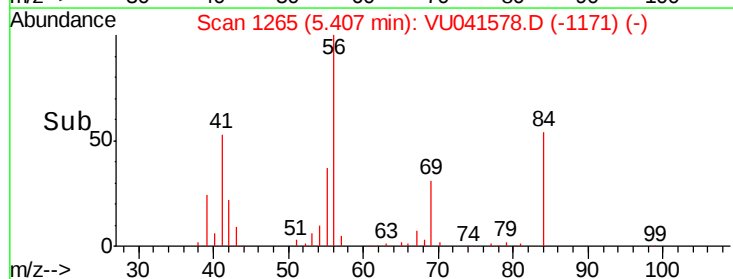
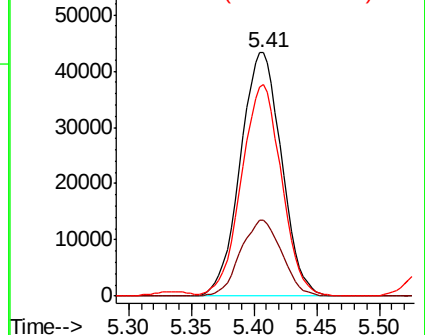


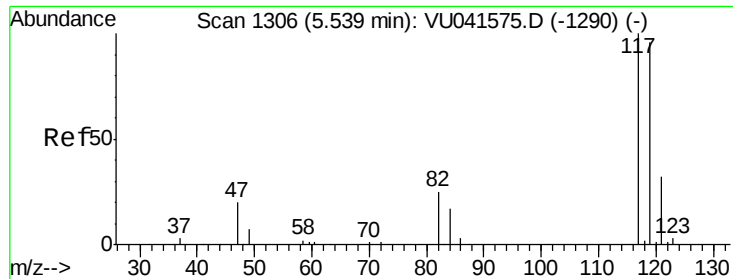
#30
Cyclohexane
Concen: 5.131 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Tgt Ion: 56 Resp: 98905
Ion Ratio Lower Upper
56 100
69 31.3 23.8 35.8
84 84.9 66.2 99.4



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: 5.173 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

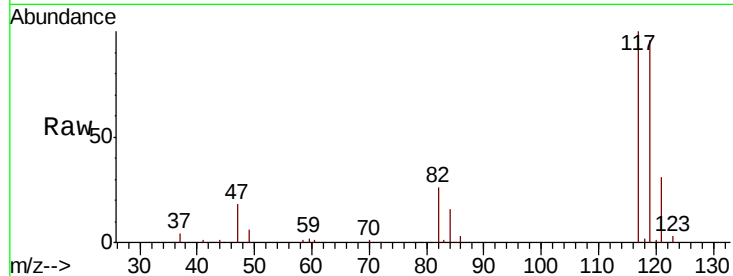
VICV06

Tot Ion:117 Resp: 76926

Ion Ratio Lower Upper

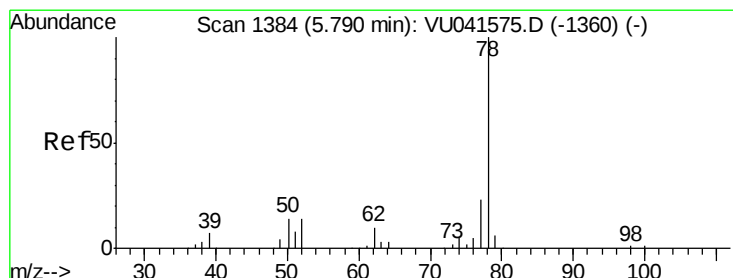
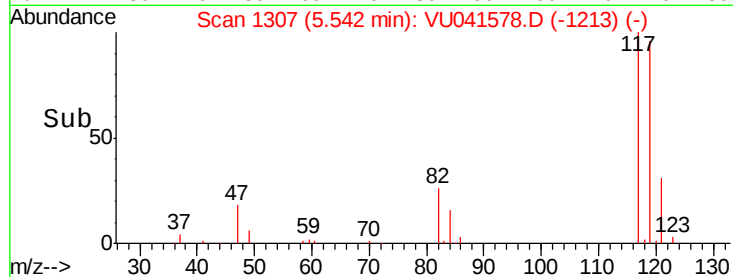
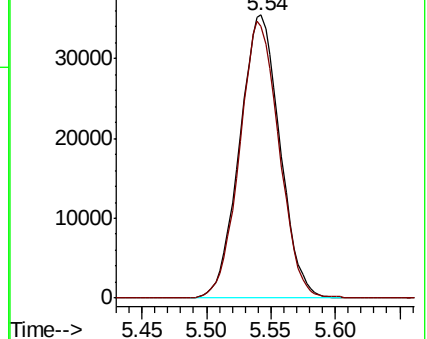
117 100

119 95.9 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.124 ug/L

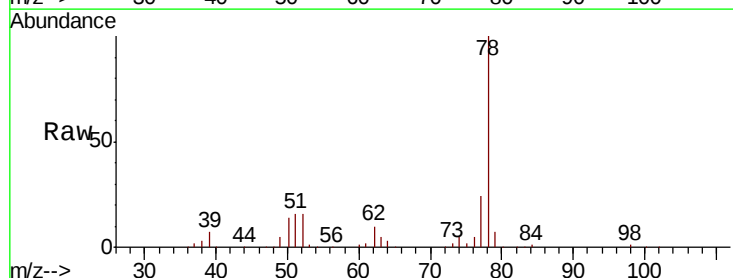
RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

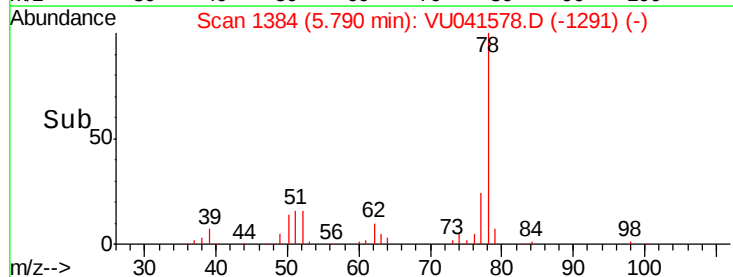
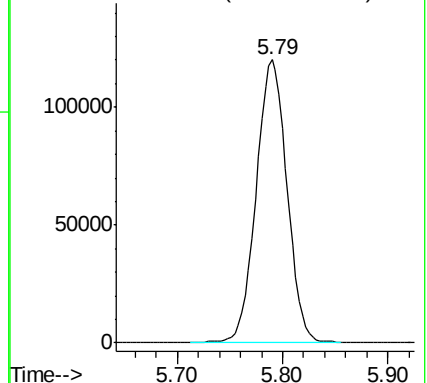
Lab File: VU041578.D

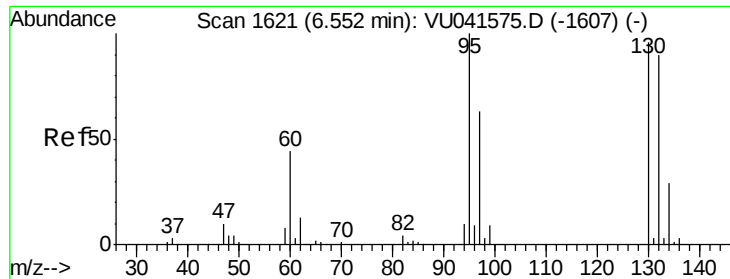
Acq: 12 Dec 2020 19:24

Tgt Ion: 78 Resp: 245428



Abundance Ion 78.10 (77.80 to 78.80): VU0

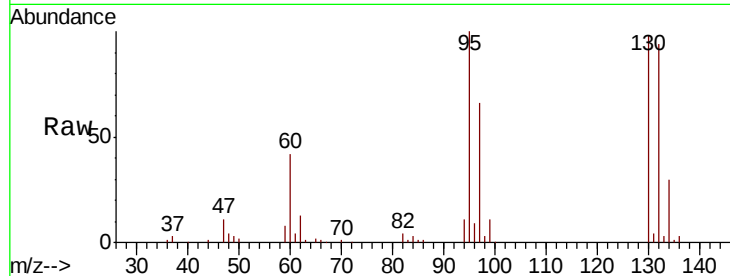




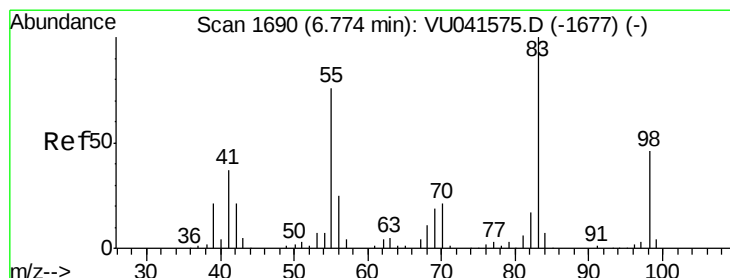
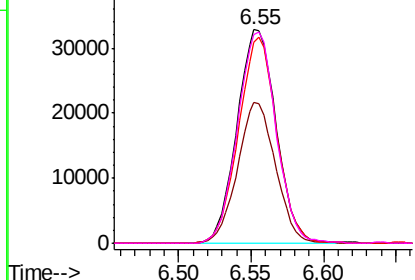
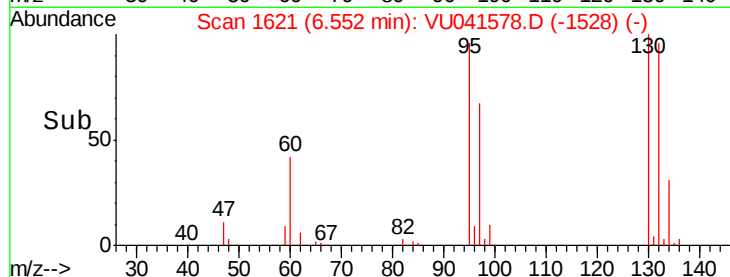
#34
 Trichloroethene
 Concen: 5.136 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tot Ion: 95 Resp: 61816
 Ion Ratio Lower Upper
 95 100
 97 66.0 43.9 81.5
 132 94.0 63.1 117.3
 130 97.9 67.4 125.2

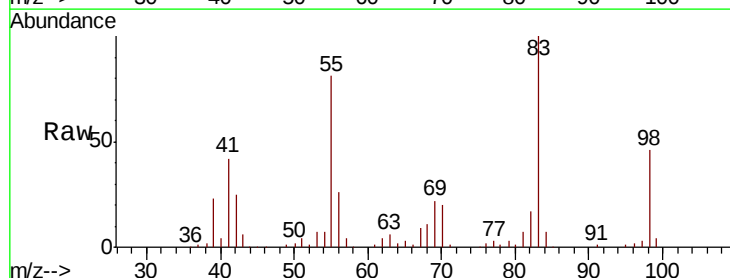


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

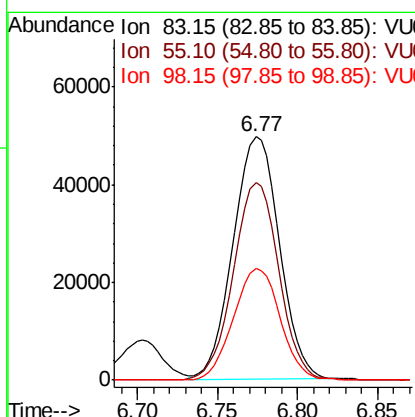
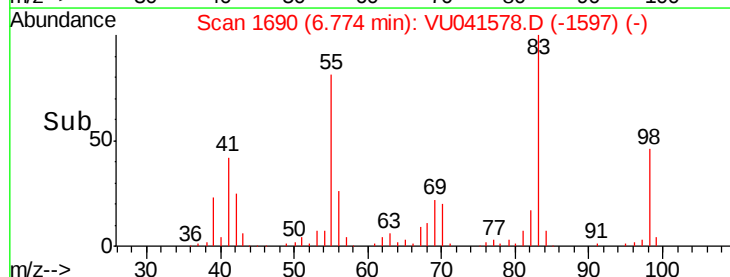


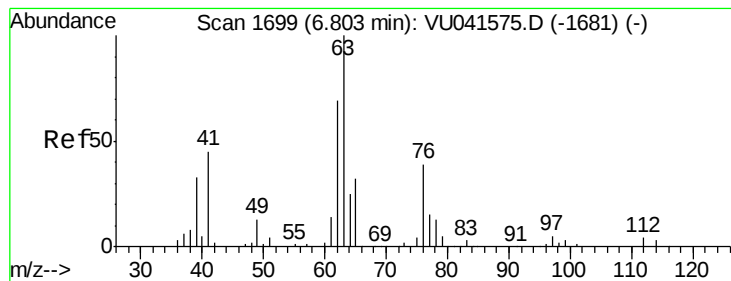
#35
 Methylcyclohexane
 Concen: 5.068 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Tgt Ion: 83 Resp: 98589
 Ion Ratio Lower Upper
 83 100
 55 79.7 61.2 91.8
 98 46.2 36.6 54.8



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: 5.335 ug/L

RT: 6.80 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampled :

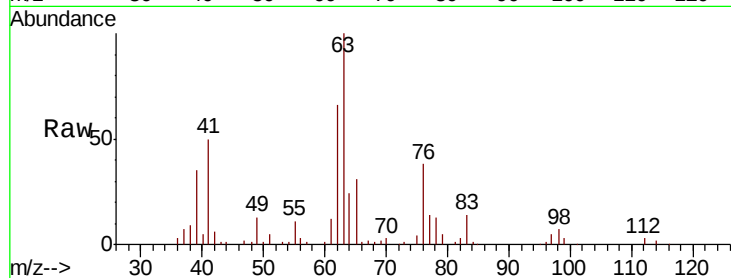
VICV06

Tot Ion: 63 Resp: 65355

Ion Ratio Lower Upper

63 100

112 3.5 3.1 4.7



Abundance Ion 63.10 (62.80 to 63.80): VU041578.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU041578.D (-1681) (-)

6.80

40000

30000

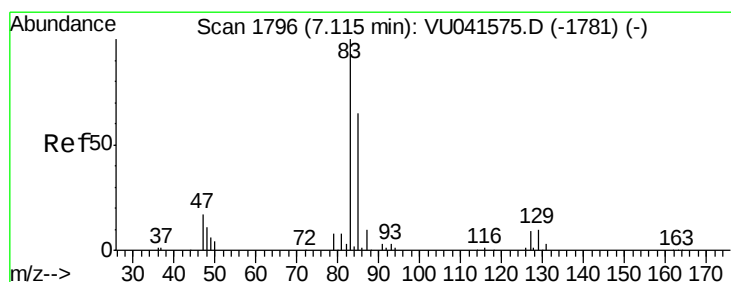
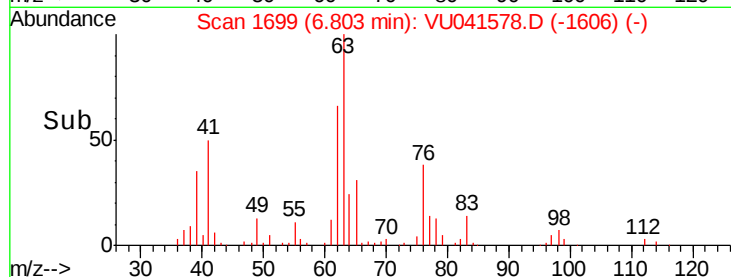
20000

10000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#38

Bromodichloromethane

Concen: 5.206 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

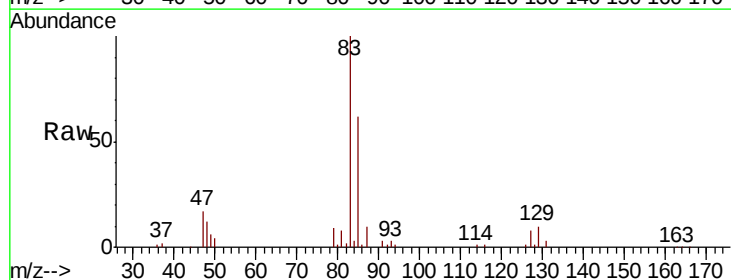
Tgt Ion: 83 Resp: 79341

Ion Ratio Lower Upper

83 100

85 62.3 45.5 84.5

127 8.2 7.0 10.6



Abundance Ion 82.95 (82.65 to 83.65): VU041578.D (-1781) (-)

Ion 85.00 (84.70 to 85.70): VU041578.D (-1781) (-)

Ion 126.90 (126.60 to 127.60): VU041578.D (-1781) (-)

7.11

60000

50000

40000

30000

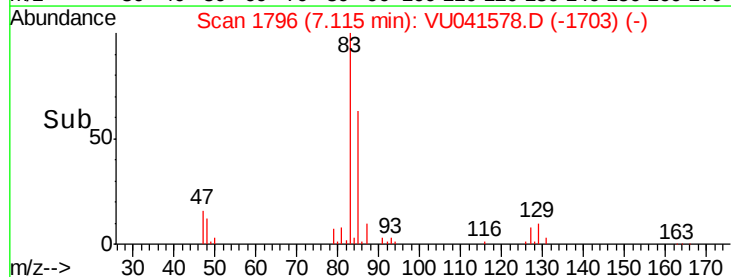
20000

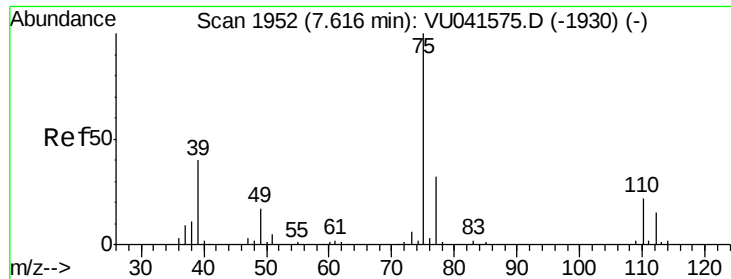
10000

0

7.05 7.10 7.15 7.20

Time-->

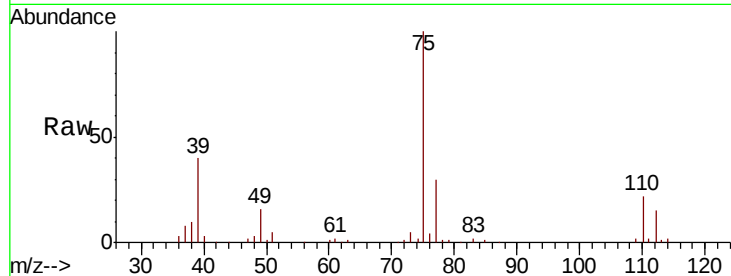




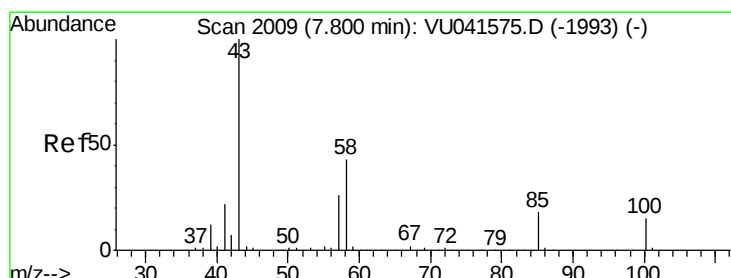
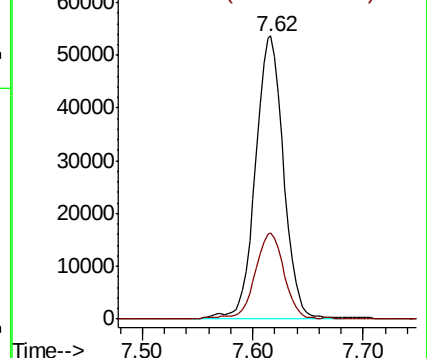
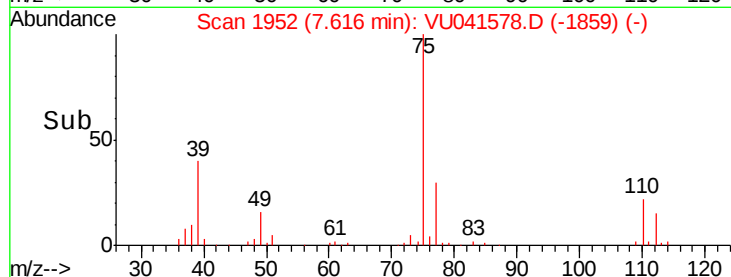
#39
 cis-1,3-Dichloropropene
 Concen: 5.227 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tot Ion: 75 Resp: 94873
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.3 41.3

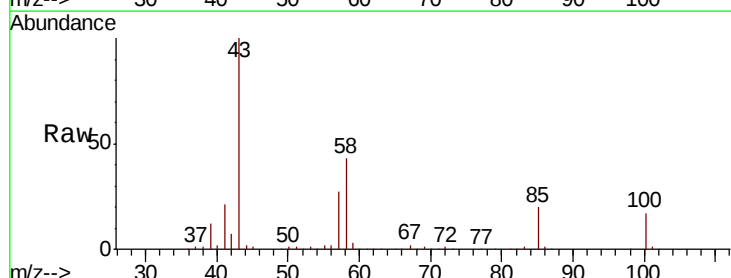


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

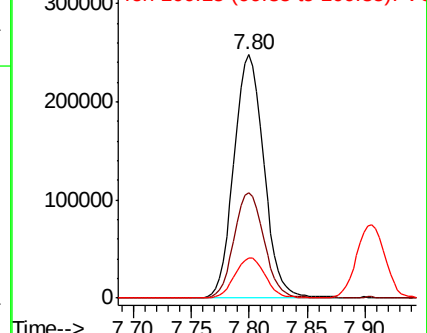
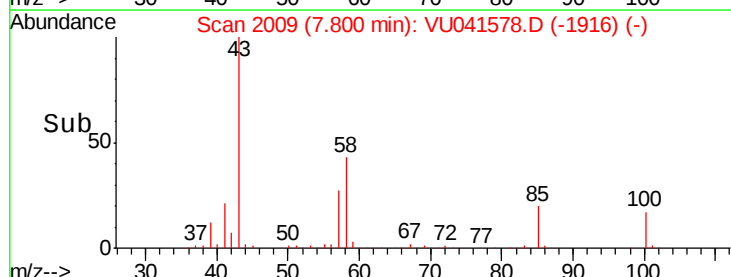


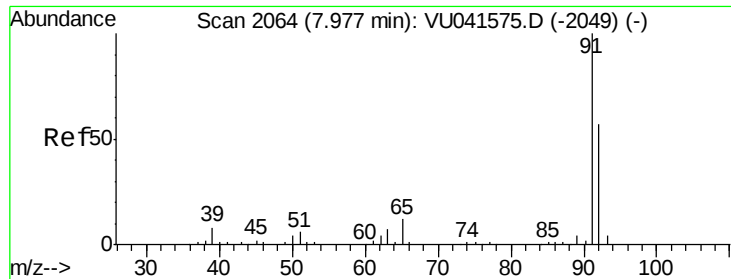
#40
 4-Methyl-2-pentanone
 Concen: 51.123 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Tgt Ion: 43 Resp: 445636
 Ion Ratio Lower Upper
 43 100
 58 43.5 34.2 51.2
 100 16.8 12.3 18.5



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 5.348 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

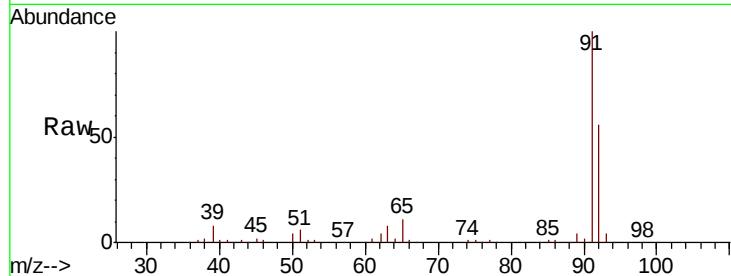
VICV06

Tot Ion: 91 Resp: 264441

Ion Ratio Lower Upper

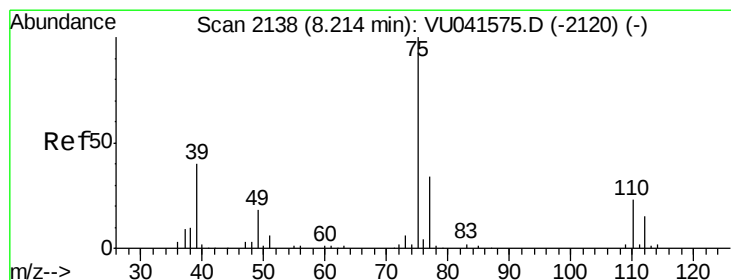
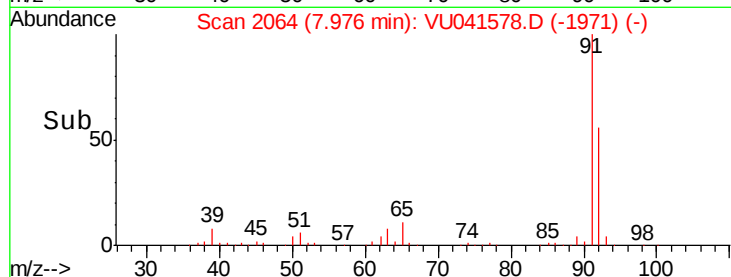
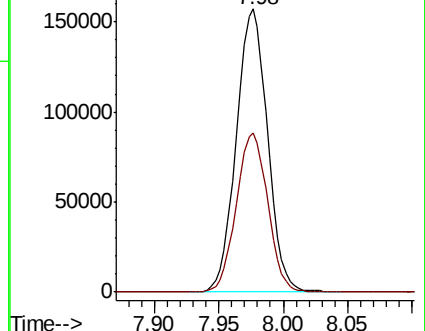
91 100

92 56.2 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 5.373 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU041578.D

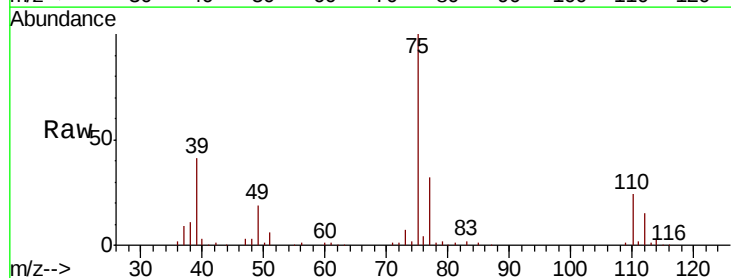
Acq: 12 Dec 2020 19:24

Tgt Ion: 75 Resp: 87220

Ion Ratio Lower Upper

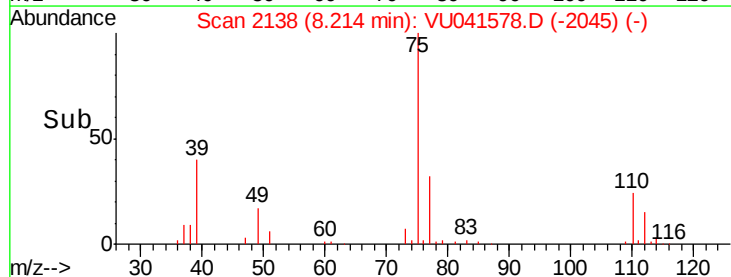
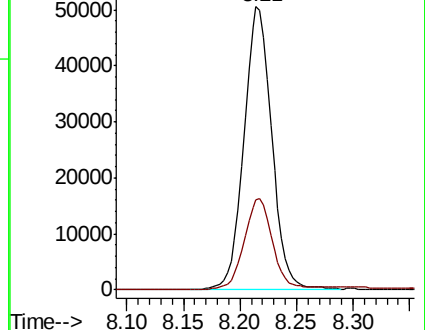
75 100

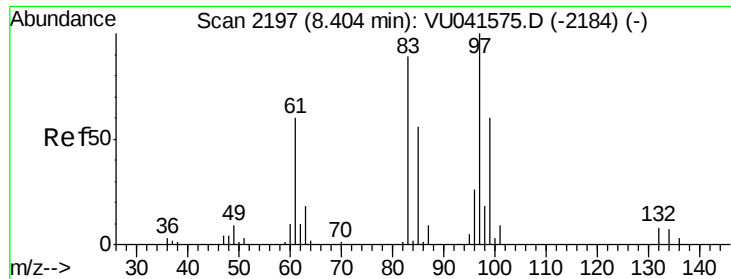
77 32.0 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

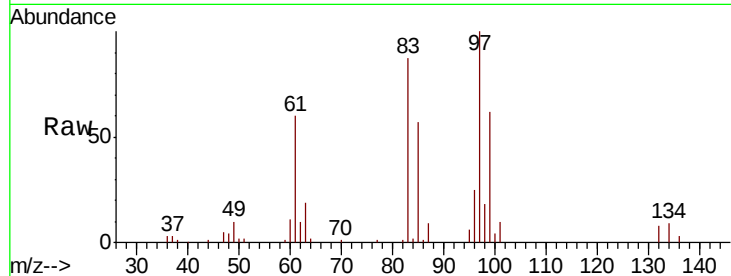




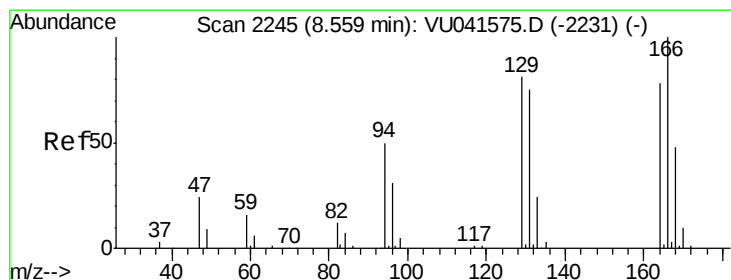
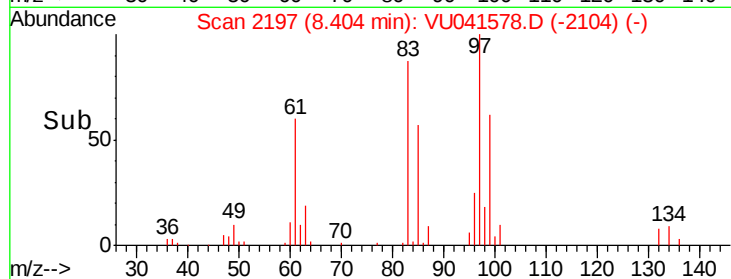
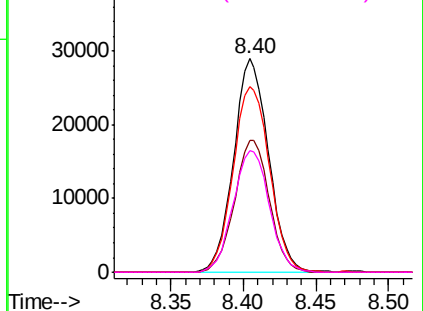
#45
 1,1,2-Trichloroethane
 Concen: 5.342 ug/L
 RT: 8.40 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tot Ion:	97	Resp:	48394
Ion	Ratio	Lower	Upper
97	100		
99	61.9	42.1	78.3
83	86.8	62.6	116.2
85	57.1	39.1	72.7

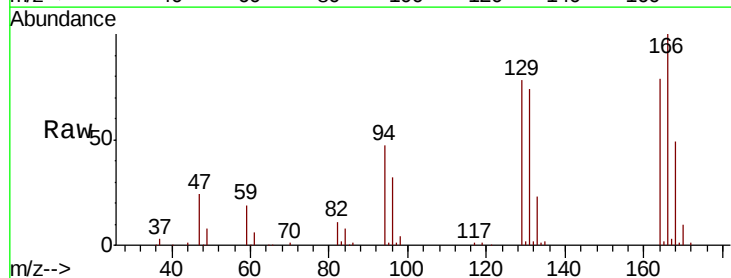


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

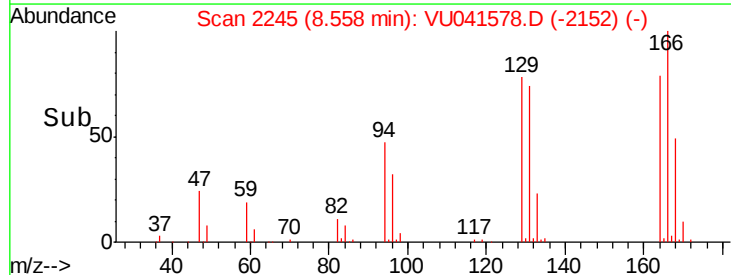
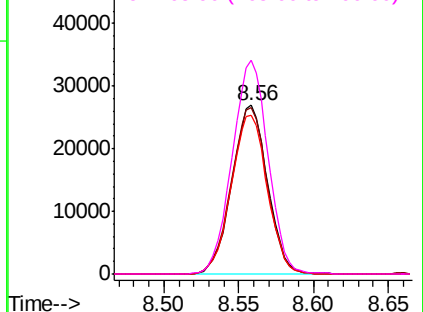


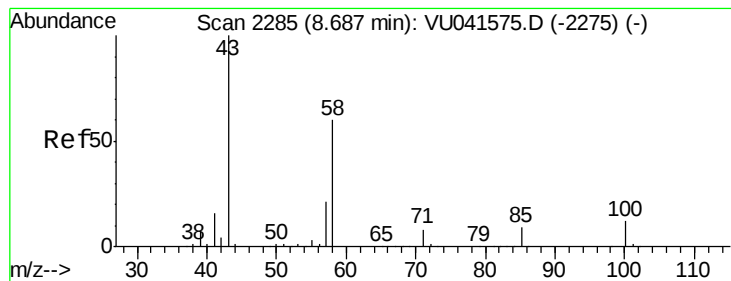
#47
 Tetrachloroethene
 Concen: 5.271 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Tgt Ion:	164	Resp:	44406
Ion	Ratio	Lower	Upper
164	100		
129	98.9	72.2	134.0
131	94.4	66.9	124.3
166	126.9	89.6	166.4



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V





#48

2-Hexanone

Concen: 55.386 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

VICV06

Tot Ion: 43 Resp: 351366

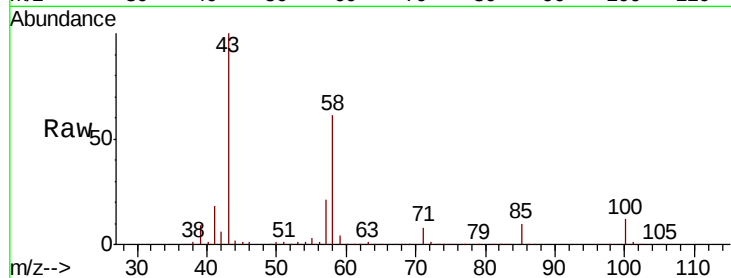
Ion Ratio Lower Upper

43 100

58 59.8 47.9 71.9

57 21.3 16.5 24.7

100 12.2 9.4 14.2

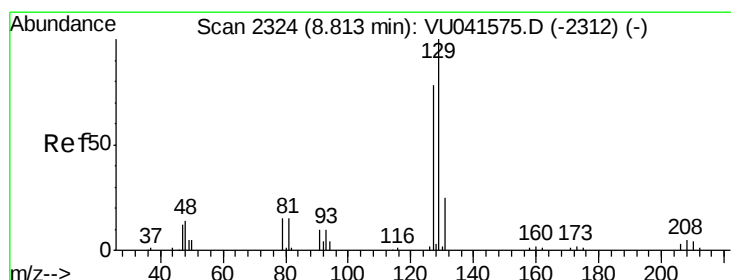
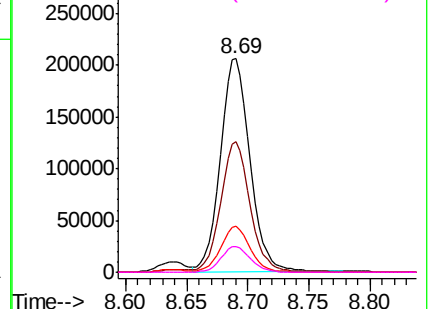
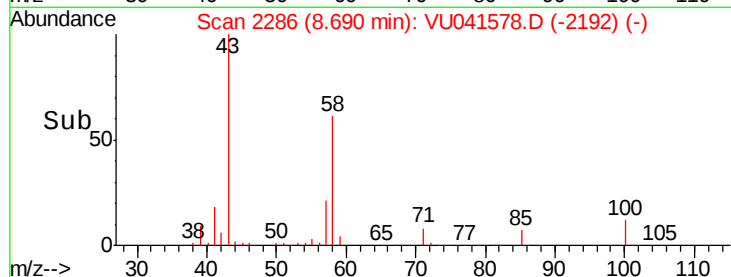


Abundance Ion 43.05 (42.75 to 43.75): VU041578.D (-2285) (-)

Ion 58.05 (57.75 to 58.75): VU041578.D (-2285) (-)

Ion 57.20 (56.90 to 57.90): VU041578.D (-2285) (-)

Ion 100.15 (99.85 to 100.85): VU041578.D (-2285) (-)



#49

Dibromochloromethane

Concen: 5.276 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU041578.D

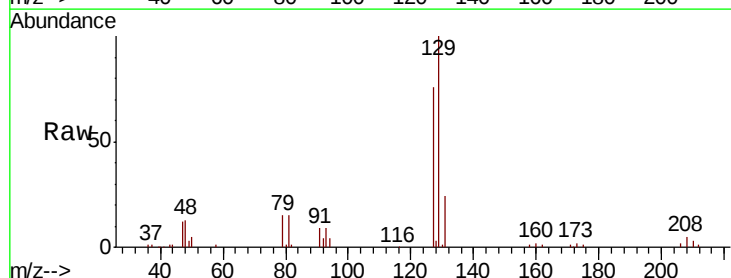
Acq: 12 Dec 2020 19:24

Tgt Ion: 129 Resp: 54898

Ion Ratio Lower Upper

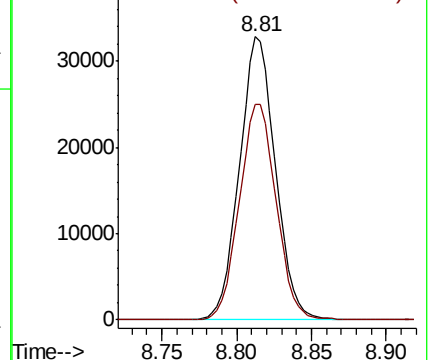
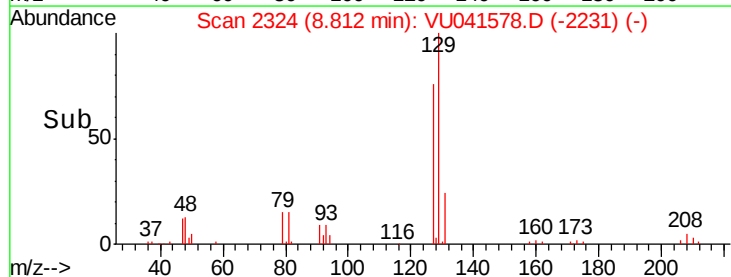
129 100

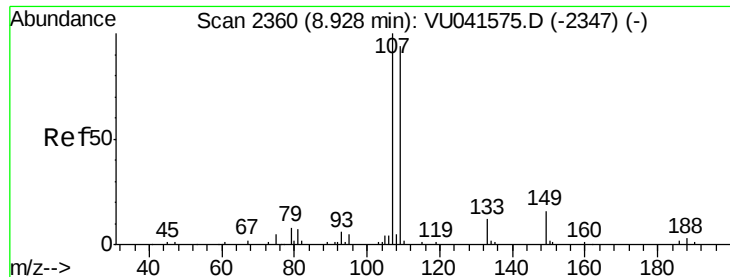
127 76.2 54.7 101.7



Abundance Ion 128.95 (128.65 to 129.65): VU041578.D (-2324) (-)

Ion 126.90 (126.60 to 127.60): VU041578.D (-2324) (-)

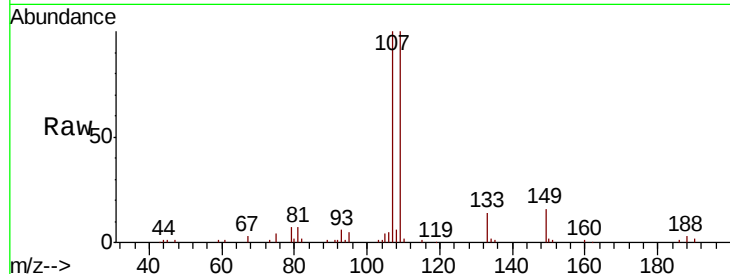




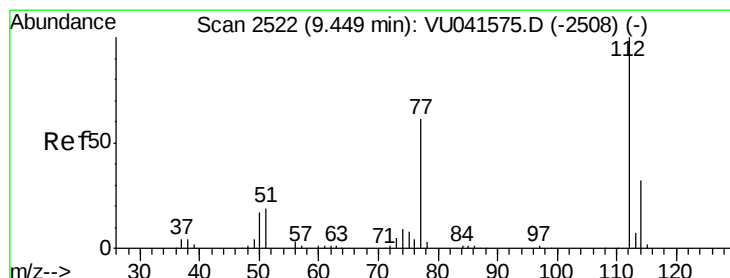
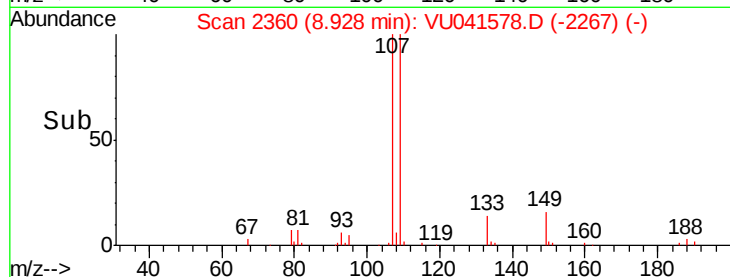
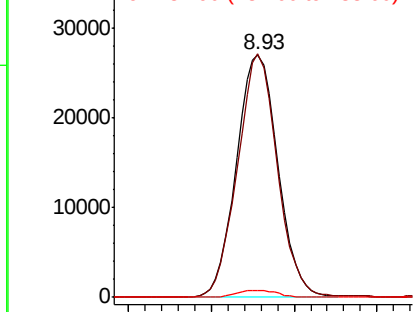
#50
1,2-Dibromoethane
Concen: 5.247 ug/L
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Tot Ion	Ratio	Lower	Upper
107	100		
109	100.4	65.6	121.8
188	3.1	2.6	4.0

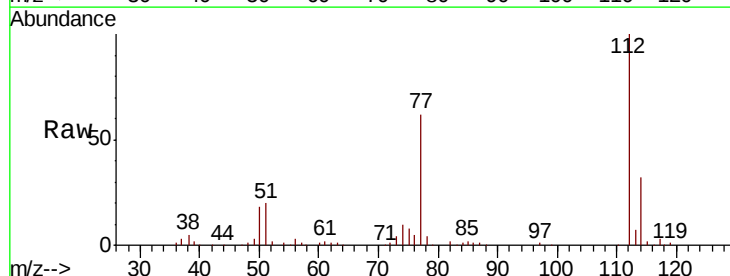


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

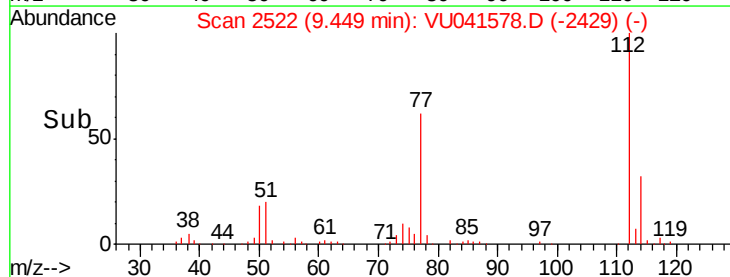
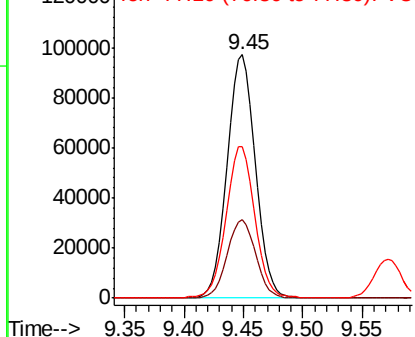


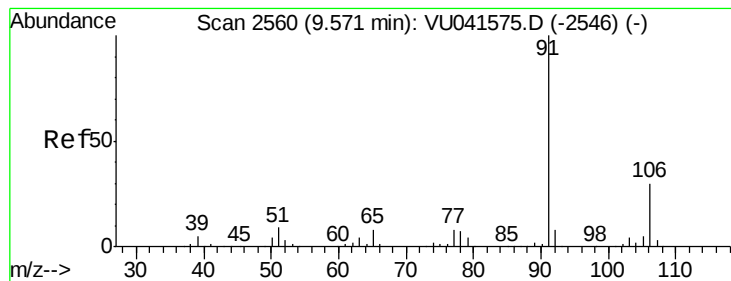
#51
Chlorobenzene
Concen: 5.214 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.7	42.3
77	62.2	49.1	73.7



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: 5.313 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

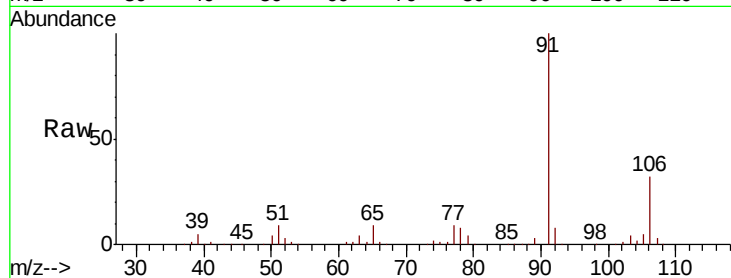
VICV06

Tot Ion: 91 Resp: 279747

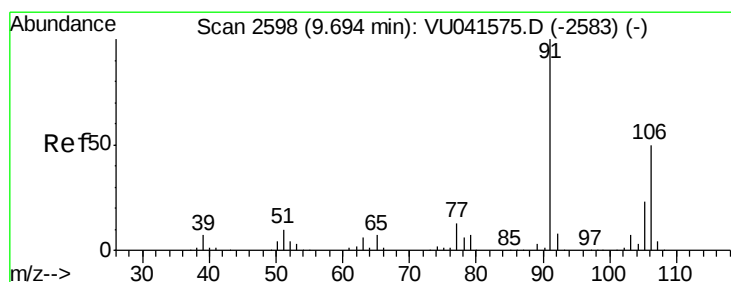
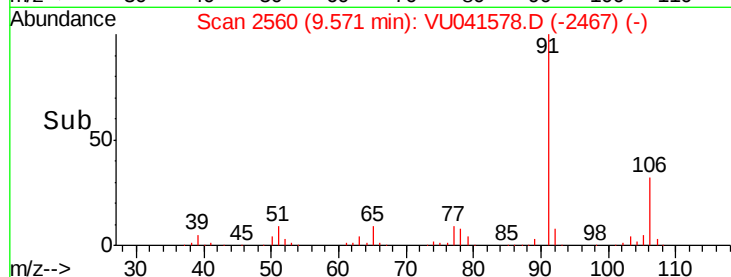
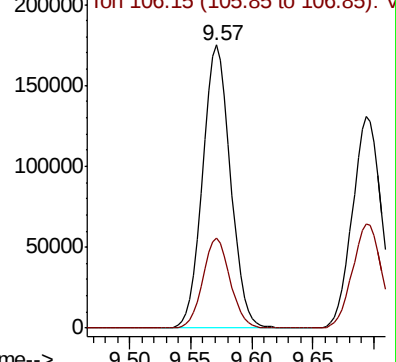
Ion Ratio Lower Upper

91 100

106 31.7 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU041578.D (-2546) (-)



#53

m,p-Xylene

Concen: 5.428 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU041578.D

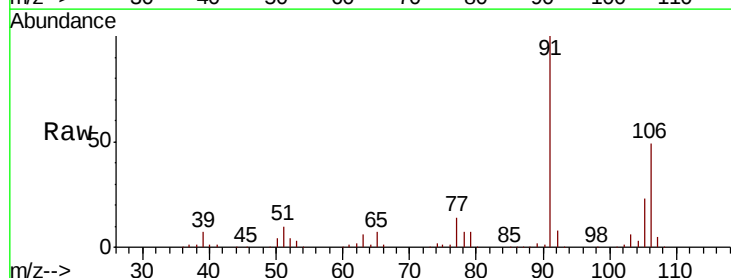
Acq: 12 Dec 2020 19:24

Tgt Ion: 106 Resp: 106587

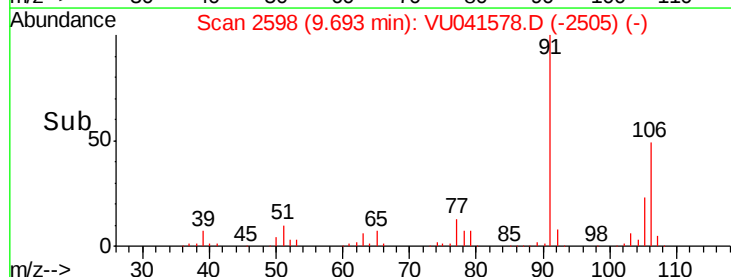
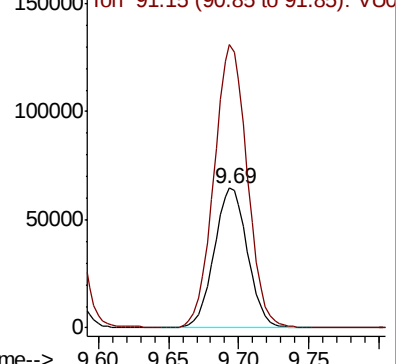
Ion Ratio Lower Upper

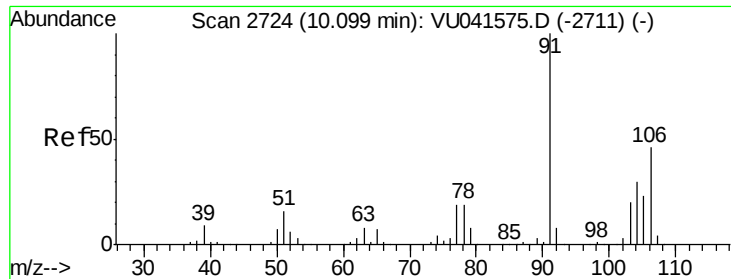
106 100

91 202.7 140.4 260.8



Abundance Ion 106.15 (105.85 to 106.85): VU041578.D (-2598) (-)

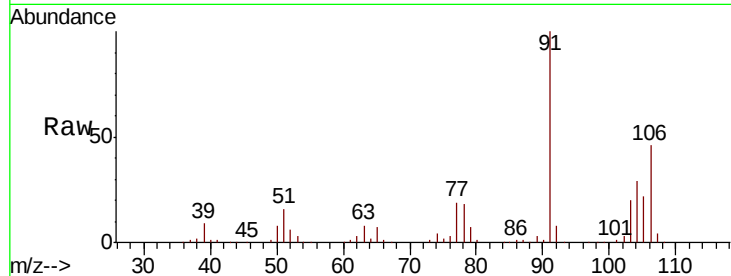




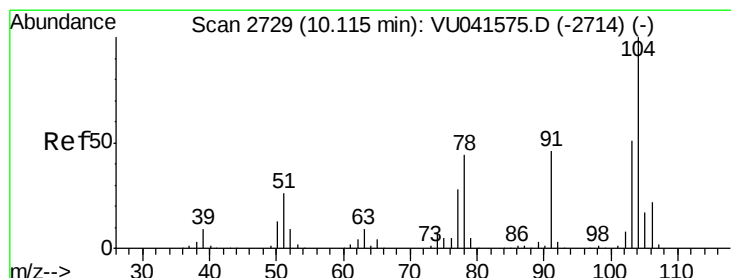
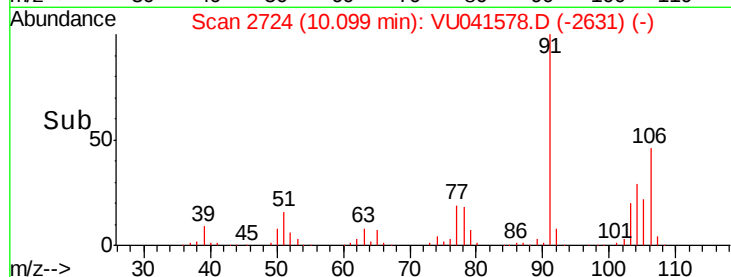
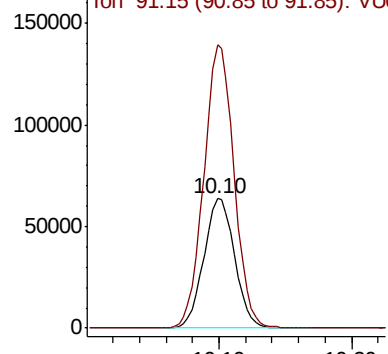
#54
o-Xylene
Concen: 5.334 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Tot Ion:106 Resp: 102598
Ion Ratio Lower Upper
106 100
91 218.4 151.3 281.1

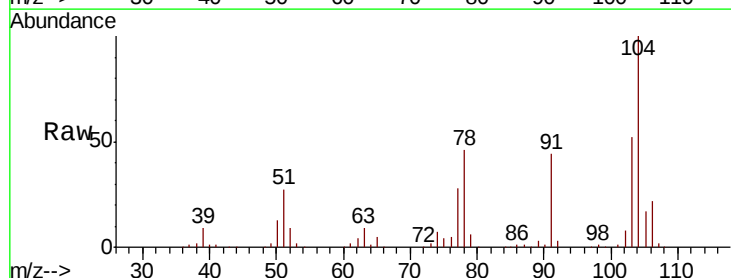


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

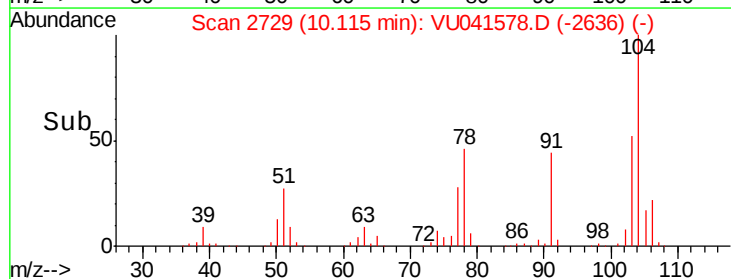
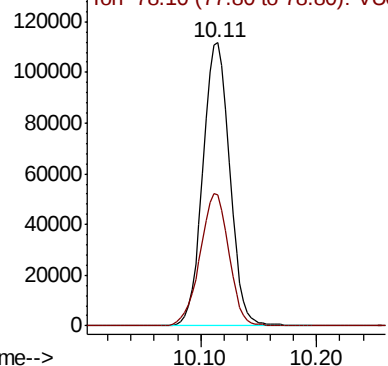


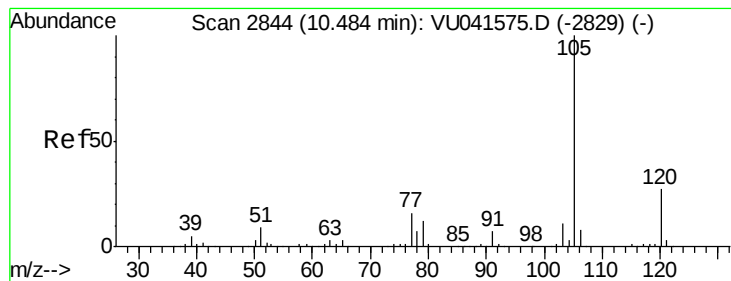
#55
Styrene
Concen: 5.401 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU041578.D
Acq: 12 Dec 2020 19:24

Tgt Ion:104 Resp: 179435
Ion Ratio Lower Upper
104 100
78 46.1 31.1 57.9



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





#56

Isopropylbenzene

Concen: 5.379 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

VICV06

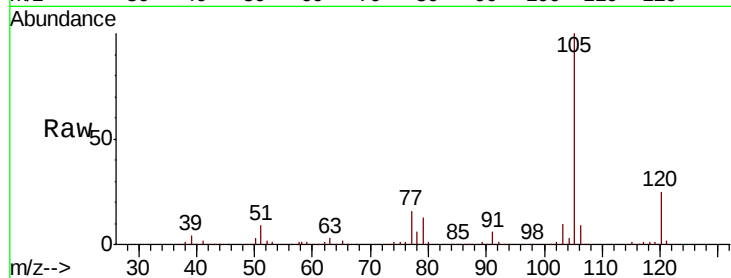
Tot Ion:105 Resp: 275352

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

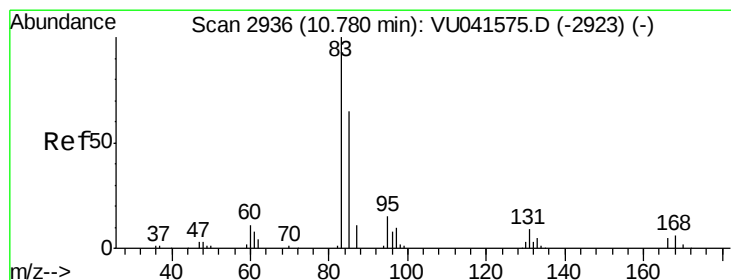
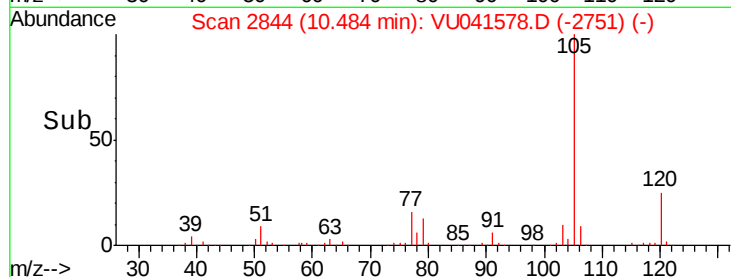
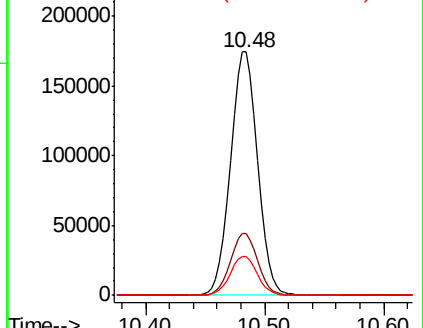
77 16.1 12.7 19.1



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: 5.235 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

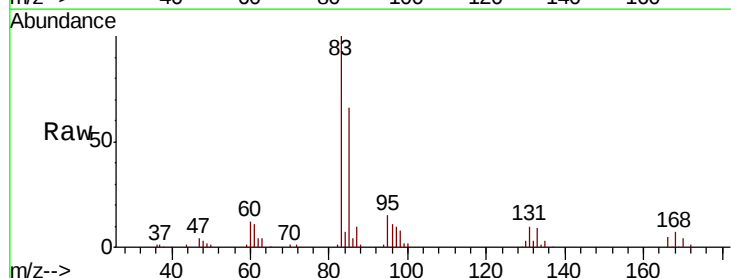
Tgt Ion: 83 Resp: 65991

Ion Ratio Lower Upper

83 100

85 66.1 46.1 85.7

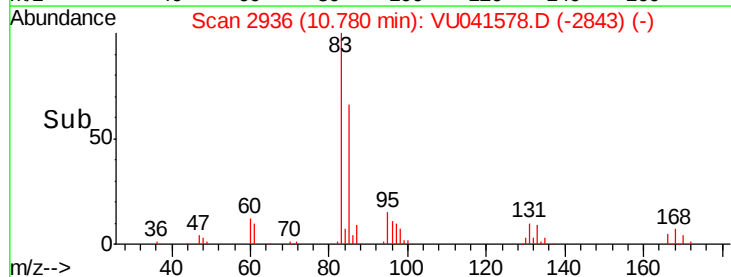
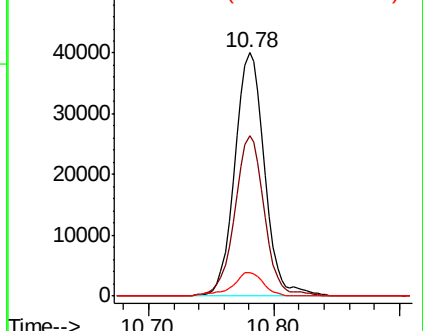
131 9.9 7.8 11.6

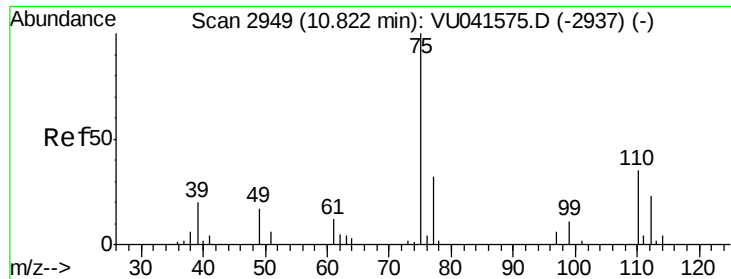


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.427 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

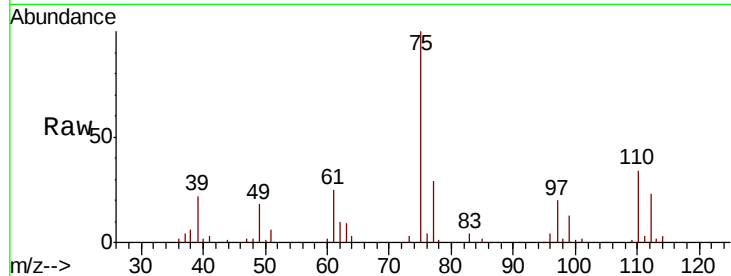
VICV06

Tot Ion: 75 Resp: 49927

Ion Ratio Lower Upper

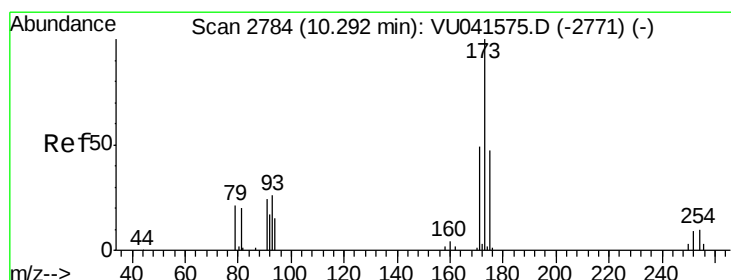
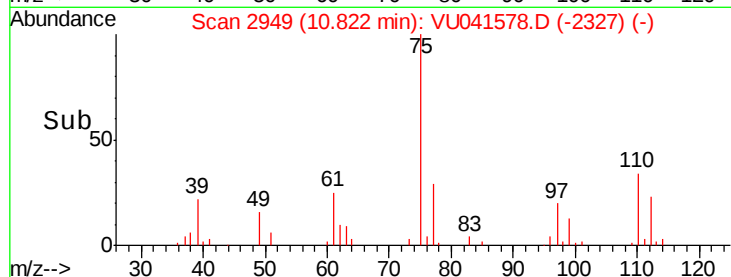
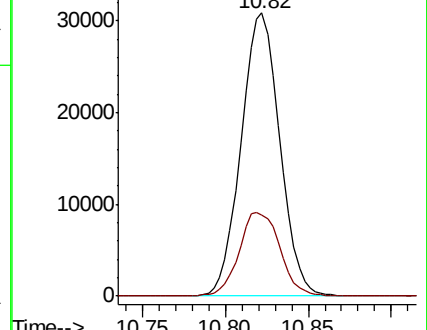
75 100

77 31.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU041575.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU041575.D (-2937) (-)



#61

Bromoform

Concen: 5.085 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

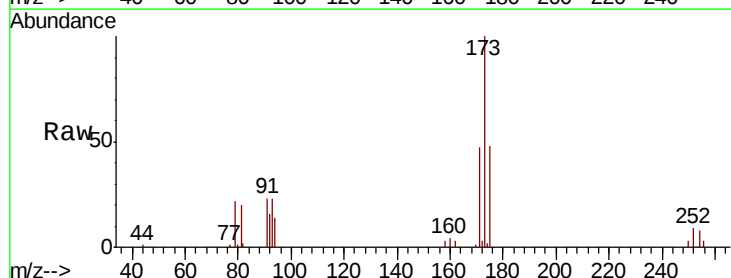
Tgt Ion:173 Resp: 32293

Ion Ratio Lower Upper

173 100

175 49.3 37.3 55.9

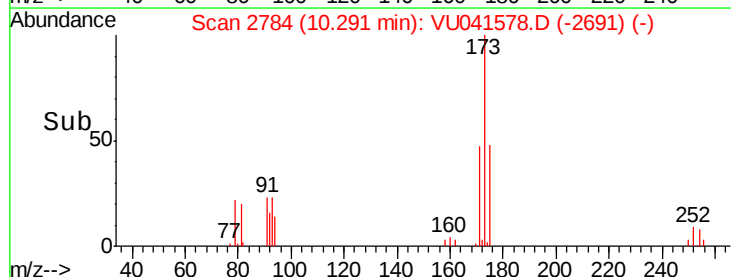
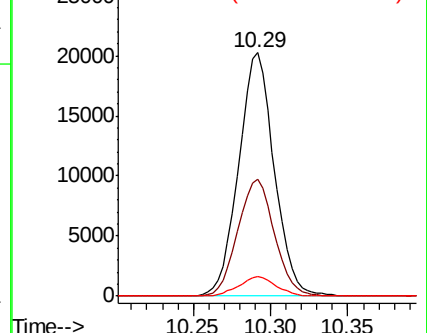
254 8.3 7.4 11.2

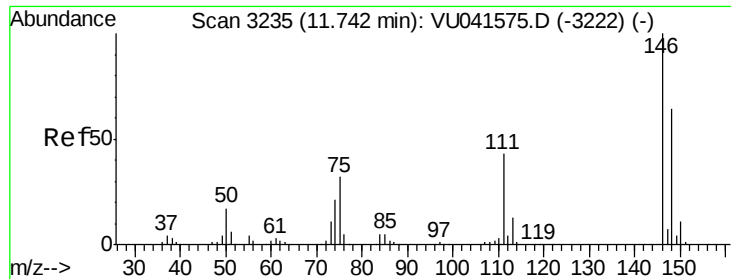


Abundance Ion 172.90 (172.60 to 173.60): VU041575.D (-2771) (-)

Ion 174.90 (174.60 to 175.60): VU041575.D (-2771) (-)

Ion 253.75 (253.45 to 254.45): VU041575.D (-2771) (-)

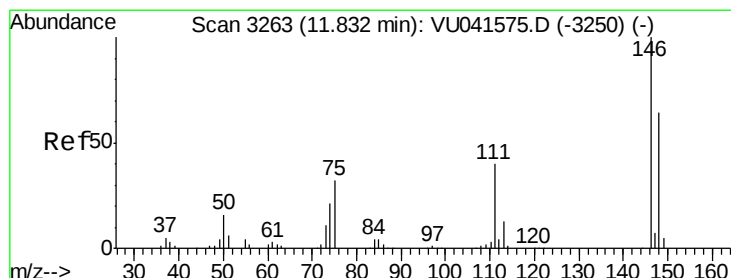
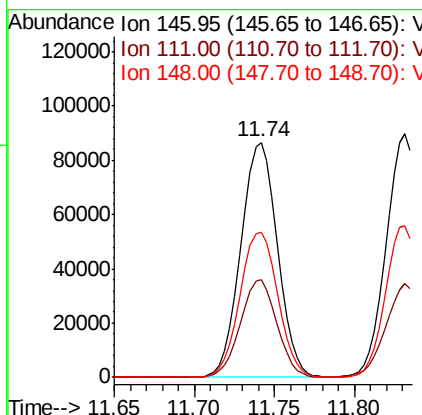
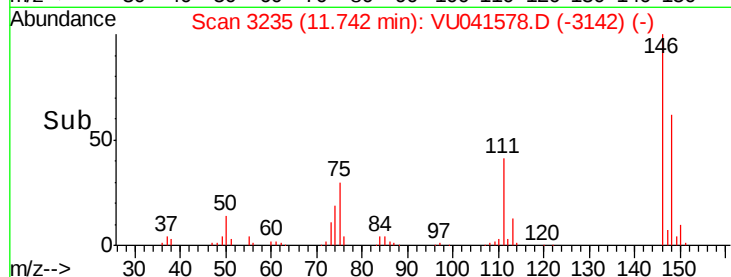
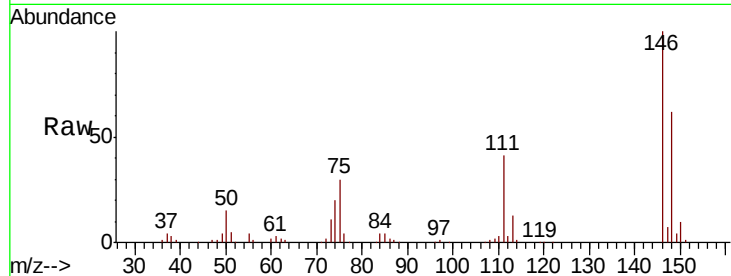




#62
 1,3-Dichlorobenzene
 Concen: 5.259 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

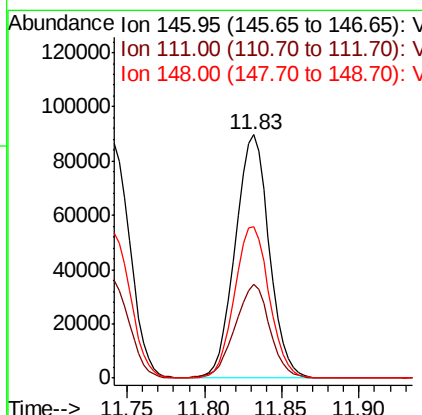
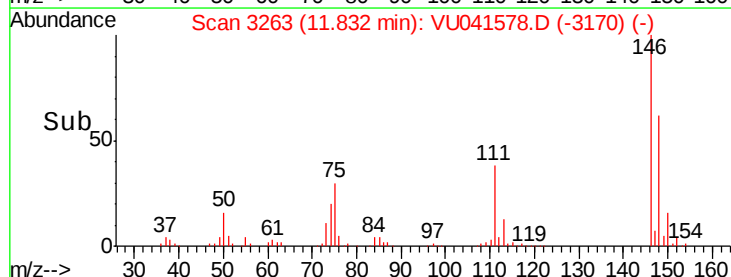
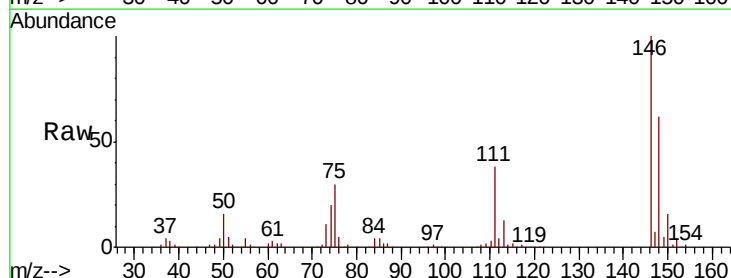
Instrument :
 MSVOA_U
 ClientSampled :
 VICV06

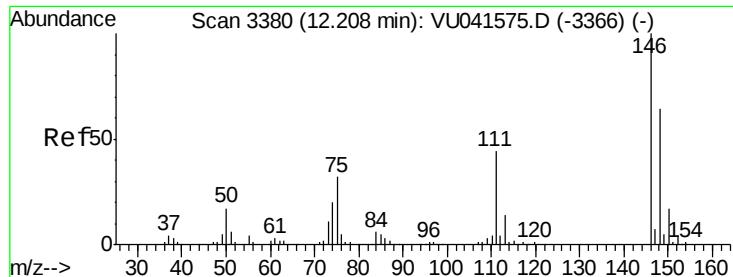
Tot Ion:146 Resp: 135140
 Ion Ratio Lower Upper
 146 100
 111 41.4 30.0 55.8
 148 61.9 44.9 83.3



#63
 1,4-Dichlorobenzene
 Concen: 5.293 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Tgt Ion:146 Resp: 136751
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.9 51.9
 148 62.2 45.0 83.6

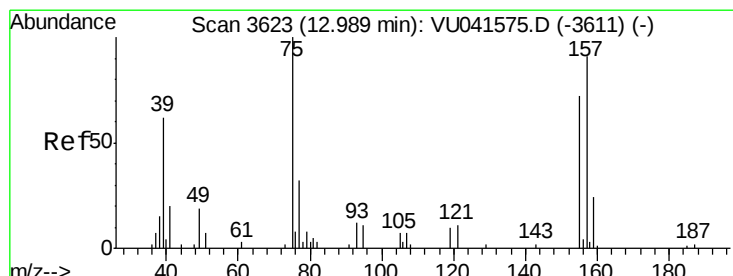
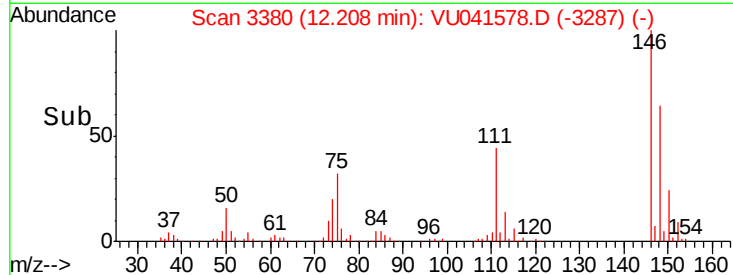
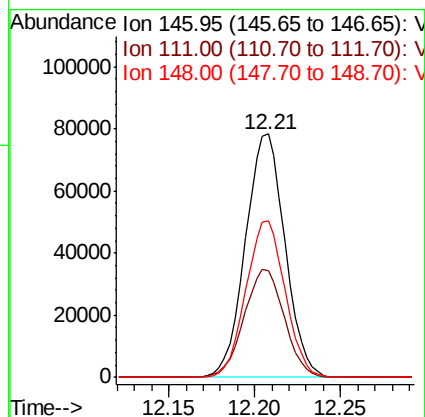
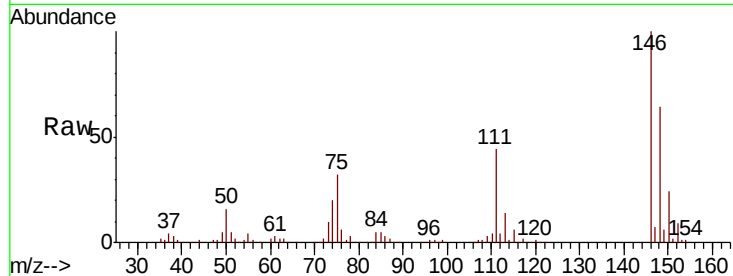




#65
 1,2-Dichlorobenzene
 Concen: 4.958 ug/L
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

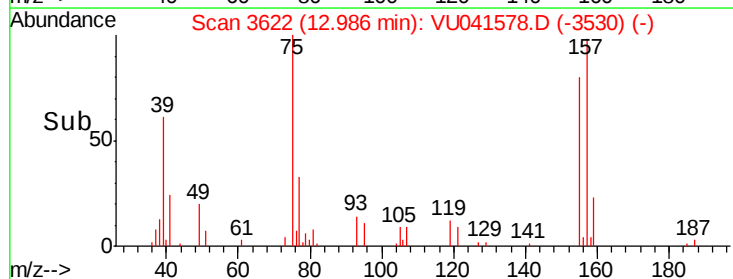
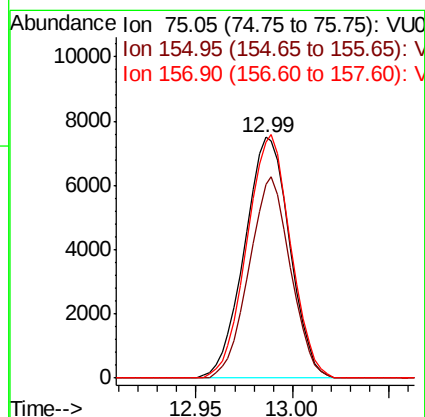
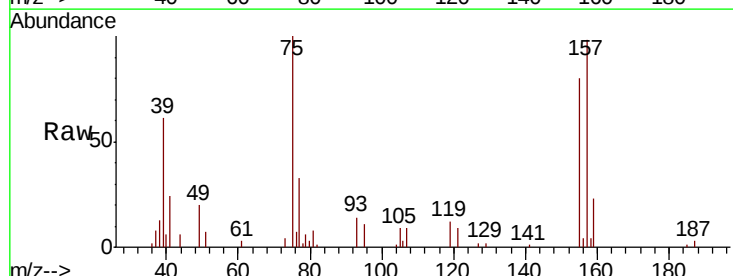
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

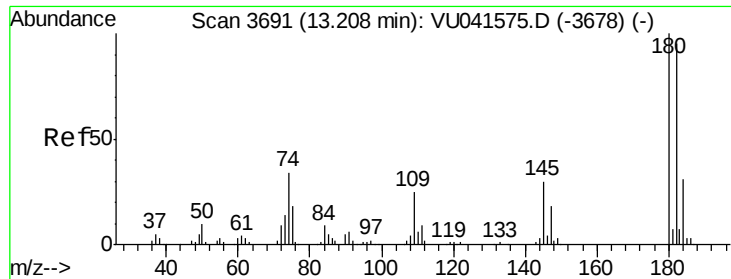
Tot Ion:146 Resp: 124747
 Ion Ratio Lower Upper
 146 100
 111 43.8 35.0 52.6
 148 64.2 51.0 76.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.160 ug/L
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Tgt Ion: 75 Resp: 12175
 Ion Ratio Lower Upper
 75 100
 155 80.3 57.4 86.0
 157 98.2 72.4 108.6

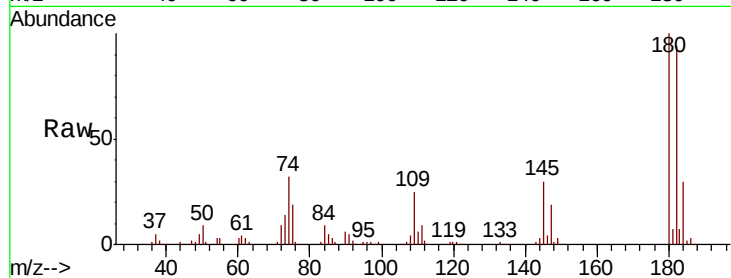




#67
 1,3,5-Trichlorobenzene
 Concen: 5.050 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.3	114.5
184	29.9	24.1	36.1
145	30.2	24.1	36.1



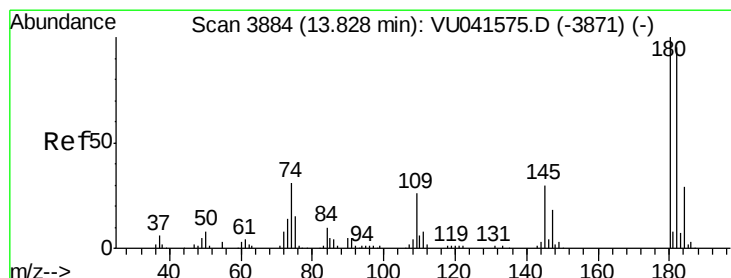
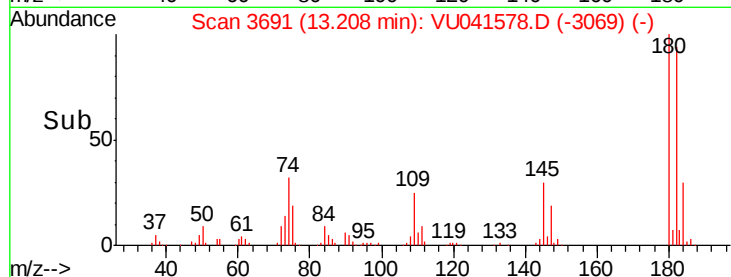
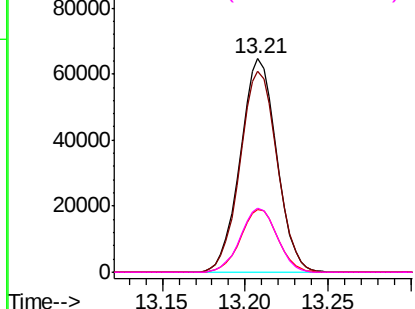
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

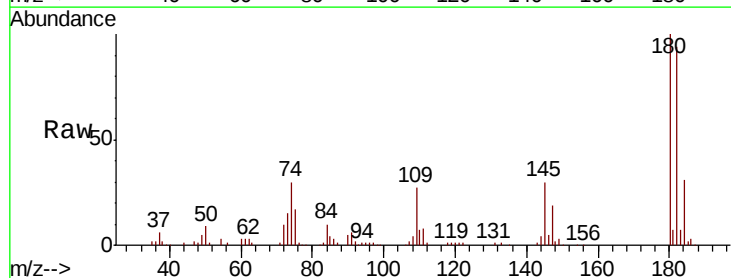
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.376 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU041578.D
 Acq: 12 Dec 2020 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.4	113.0
145	30.5	24.5	36.7

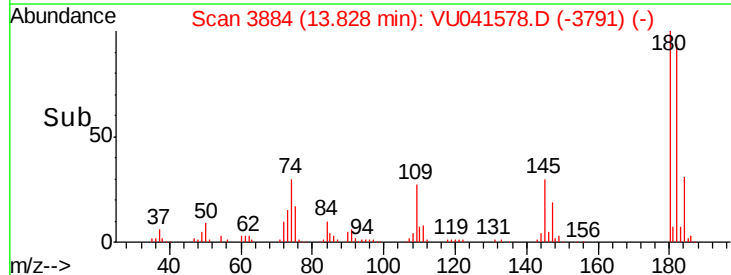
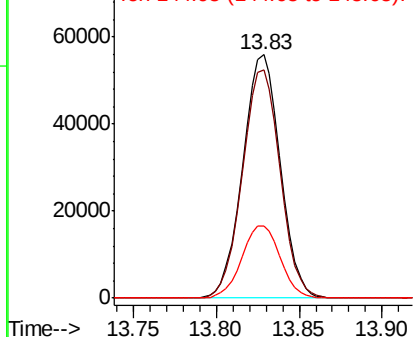


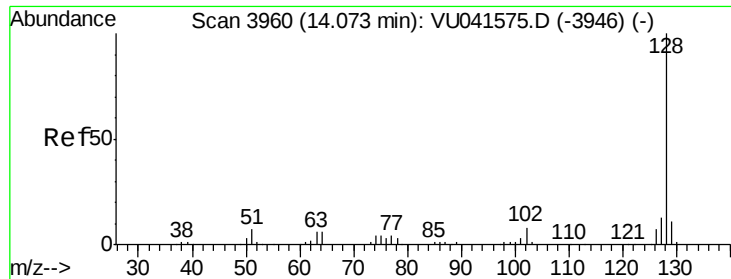
Abundance

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: 5.675 ug/L

RT: 14.07 min Scan# 3960

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

VICV06

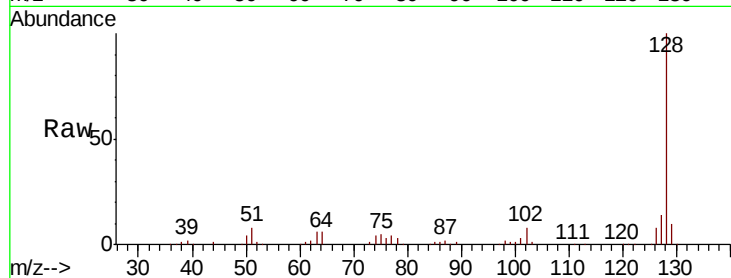
Tot Ion:128 Resp: 192267

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

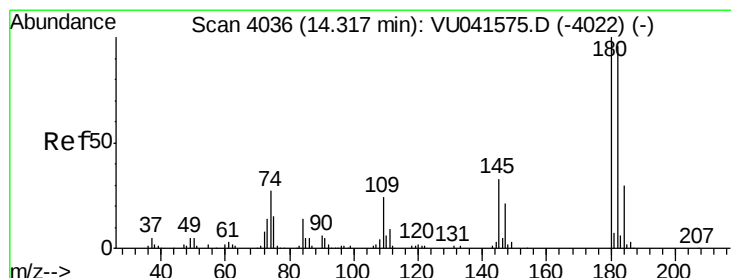
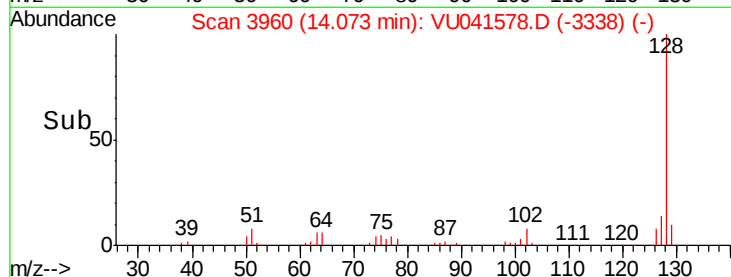
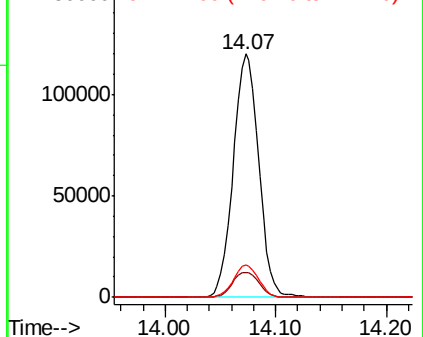
127 13.1 10.2 15.4



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: 5.282 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU041578.D

Acq: 12 Dec 2020 19:24

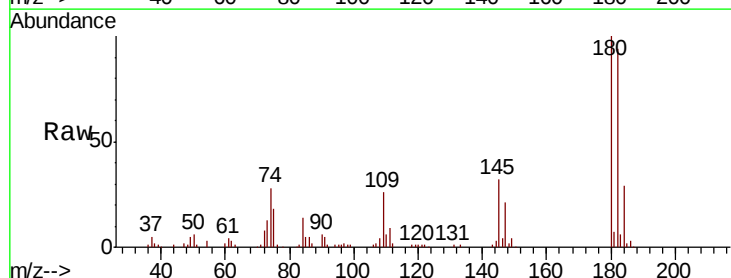
Tgt Ion:180 Resp: 82403

Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

145 32.7 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

