

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120320\
 Data File : VU041458.D
 Acq On : 03 Dec 2020 18:42
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV06

Quant Time: Dec 04 03:13:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 04 03:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59002	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16654	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.92	69	14491	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.58	63	40656	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	4.66	46	61513	57.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.38%
24) Chloroform-d	5.08	84	44255	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.72	65	30078	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.74	84	68730	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.70	67	19831	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.90	98	68864	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
43) trans-1,3-Dichloropropene-	8.19	79	12276	5.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.20%
46) 2-Hexanone-d5	8.64	63	49217	61.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22053	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	30232	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	31657	5.183	ug/L 99
3) Chloromethane	1.53	50	19595	5.061	ug/L 94
5) Vinyl chloride	1.61	62	22375	5.188	ug/L 100
6) Bromomethane	1.87	94	15765	5.356	ug/L 96
8) Chloroethane	1.94	64	14153	4.820	ug/L 94
9) Trichlorofluoromethane	2.15	101	51382	5.328	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	21342	5.288	ug/L 100
12) 1,1-Dichloroethene	2.59	96	18468	5.247	ug/L 97
13) Acetone	2.66	43	49097	56.376	ug/L 98
14) Carbon disulfide	2.81	76	50471	5.172	ug/L 100
15) Methyl Acetate	2.97	43	9863	5.509	ug/L 97
16) Methylene chloride	3.06	84	21937	4.292	ug/L 96
17) Methyl tert-butyl Ether	3.38	73	58502	5.301	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	18829	5.139	ug/L 97
19) 1,1-Dichloroethane	3.89	63	38061	5.359	ug/L 96
21) 2-Butanone	4.73	43	62151	53.555	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	21050	5.176	ug/L 92

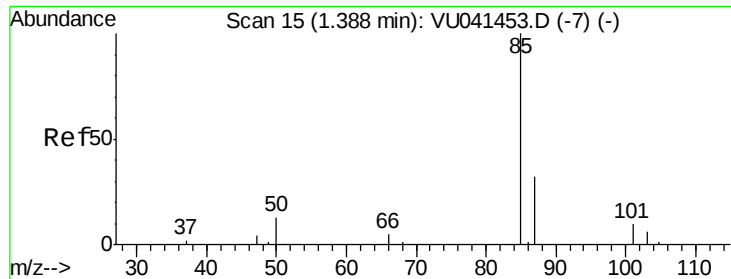
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120320\
 Data File : VU041458.D
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 04 03:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	11495	5.617	ug/L	93
25) Chloroform	5.11	83	46153	5.221	ug/L	97
27) 1,2-Dichloroethane	5.81	62	35879	5.355	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	45073	5.437	ug/L	100
30) Cyclohexane	5.41	56	27893	5.627	ug/L	99
31) Carbon tetrachloride	5.54	117	41642	5.531	ug/L	98
33) Benzene	5.79	78	80753	5.561	ug/L	100
34) Trichloroethene	6.55	95	22971	5.365	ug/L	99
35) Methylcyclohexane	6.77	83	31420	5.606	ug/L	99
37) 1,2-Dichloropropane	6.80	63	20369	5.528	ug/L	99
38) Bromodichloromethane	7.11	83	34657	5.560	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	34167	5.765	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	165313	62.706	ug/L	99
42) Toluene	7.98	91	93349	5.824	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	34965	5.719	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	17536	5.659	ug/L	95
47) Tetrachloroethene	8.56	164	18265	5.772	ug/L	97
48) 2-Hexanone	8.69	43	127497	63.621	ug/L	98
49) Dibromochloromethane	8.81	129	24203	5.560	ug/L	100
50) 1,2-Dibromoethane	8.93	107	17576	5.735	ug/L	98
51) Chlorobenzene	9.45	112	61432	5.679	ug/L	98
52) Ethylbenzene	9.57	91	102751	5.530	ug/L	99
53) m,p-Xylene	9.69	106	38428	5.643	ug/L	97
54) o-Xylene	10.10	106	37221	5.834	ug/L	92
55) Styrene	10.11	104	65827	5.696	ug/L	99
56) Isopropylbenzene	10.48	105	105244	5.697	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	22676	5.825	ug/L	93
59) 1,2,3-Trichloropropane	10.82	75	18424	5.686	ug/L	97
61) Bromoform	10.29	173	14981	5.198	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	52947	5.316	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	52602	5.241	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	51423	5.309	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4915	5.263	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	42761	5.586	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	36575	5.880	ug/L	100
69) Naphthalene	14.08	128	56457	5.564	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	32319	5.614	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 5.183 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampled :

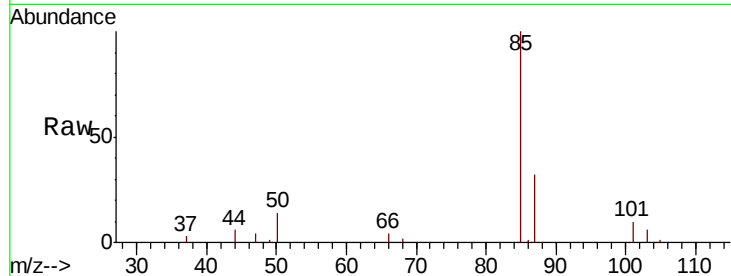
VICV06

Tot Ion: 85 Resp: 31657

Ion Ratio Lower Upper

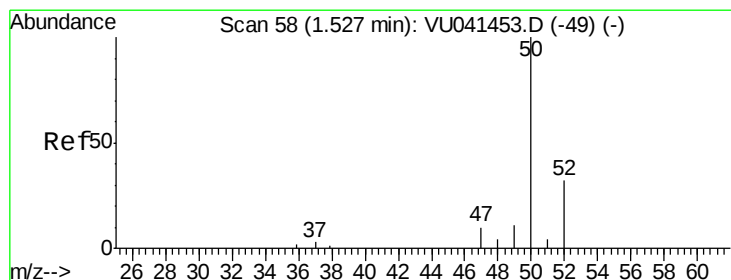
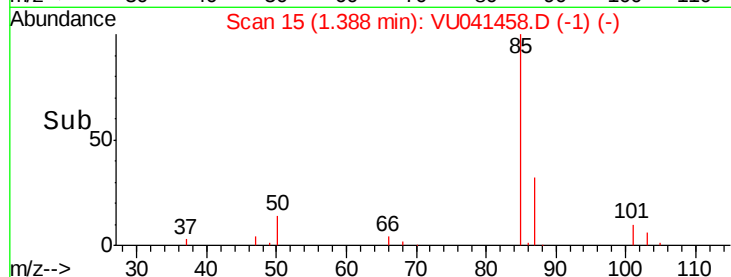
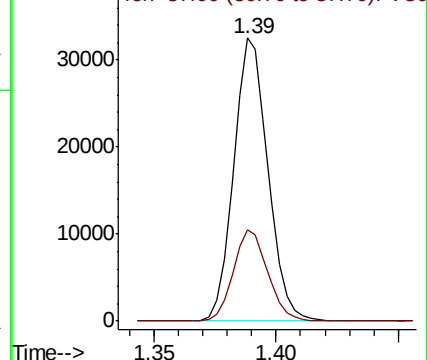
85 100

87 32.5 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 5.061 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041458.D

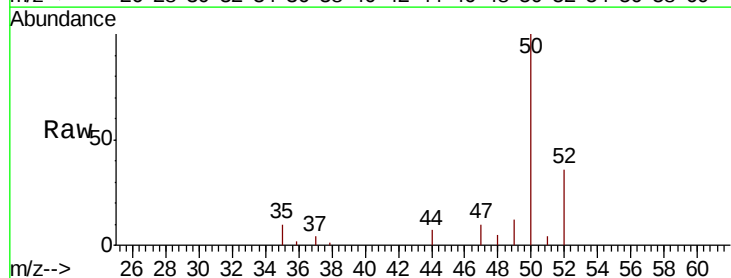
Acq: 03 Dec 2020 18:42

Tgt Ion: 50 Resp: 19595

Ion Ratio Lower Upper

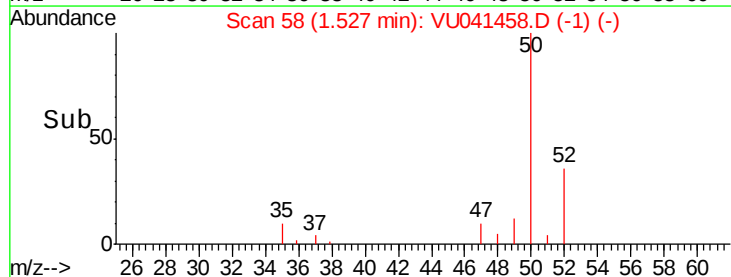
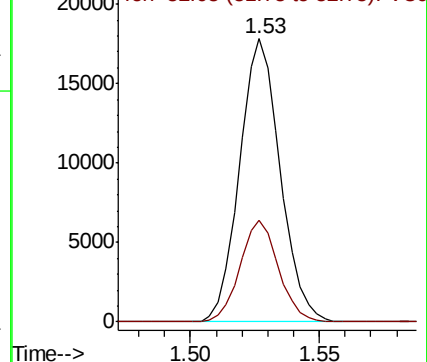
50 100

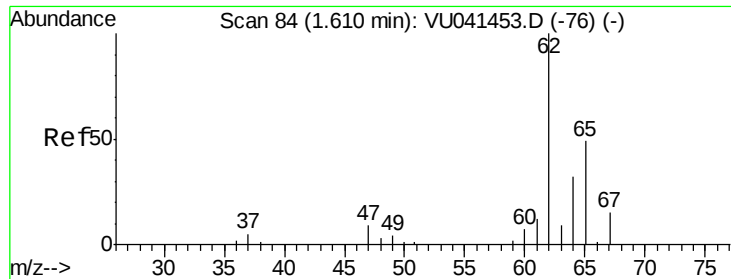
52 35.8 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 5.188 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

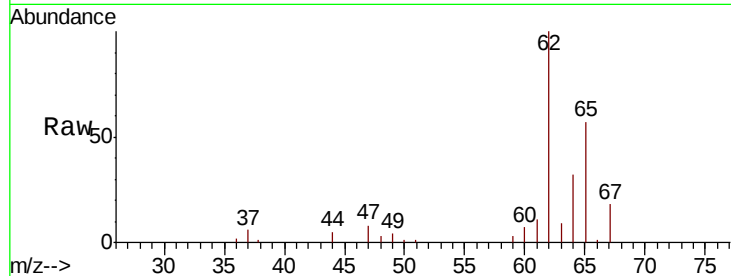
VICV06

Tot Ion: 62 Resp: 22375

Ion Ratio Lower Upper

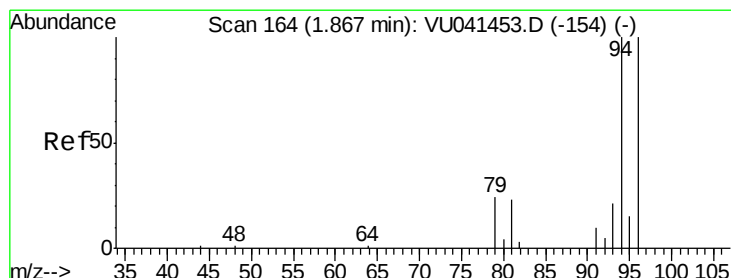
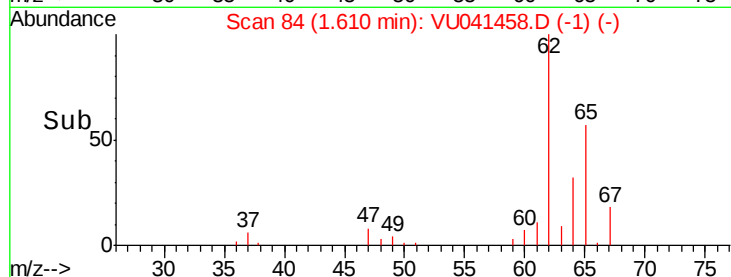
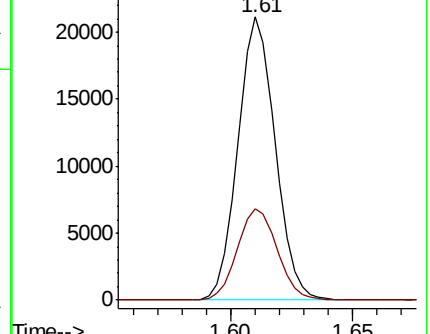
62 100

64 32.2 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 5.356 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU041458.D

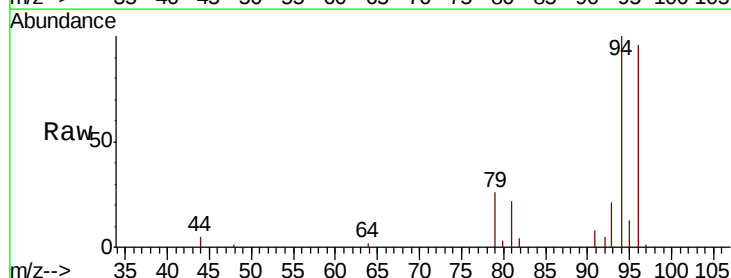
Acq: 03 Dec 2020 18:42

Tgt Ion: 94 Resp: 15765

Ion Ratio Lower Upper

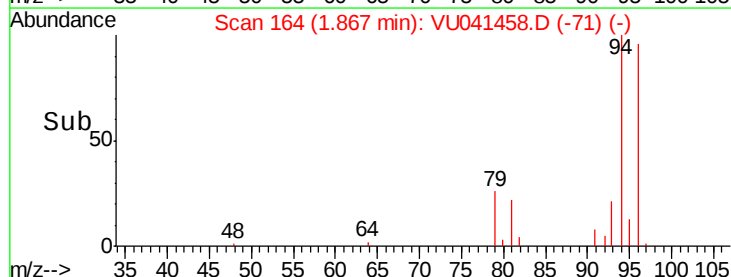
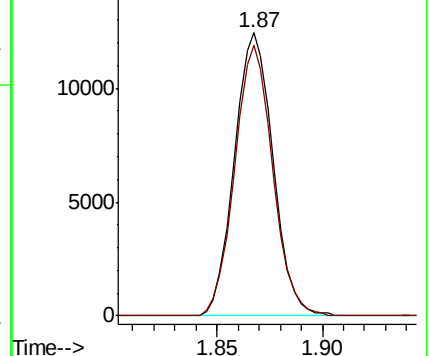
94 100

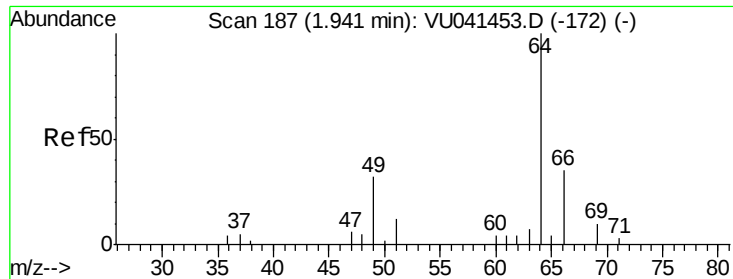
96 95.7 69.9 129.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

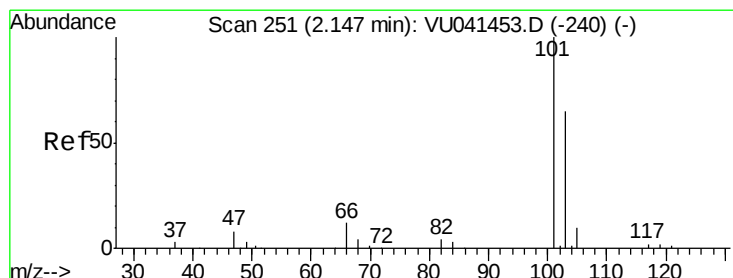
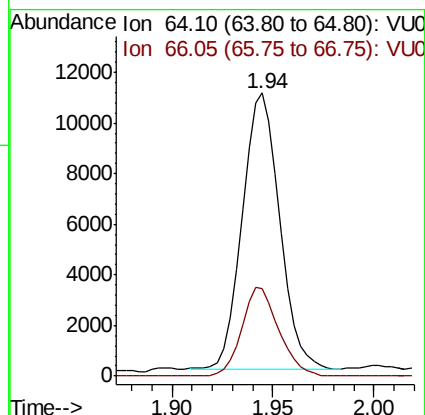
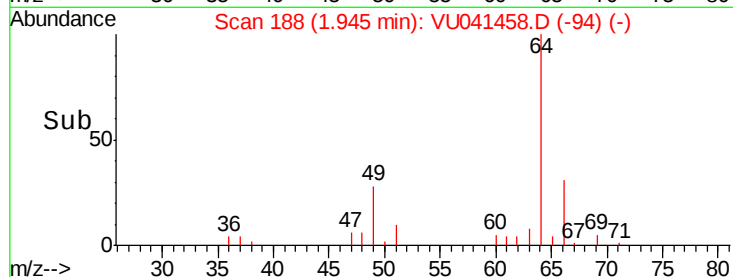
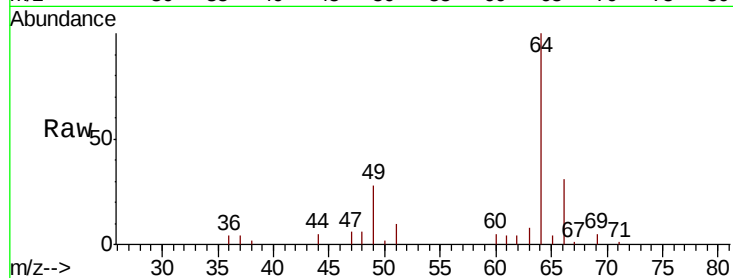




#8
Chloroethane
Concen: 4.820 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

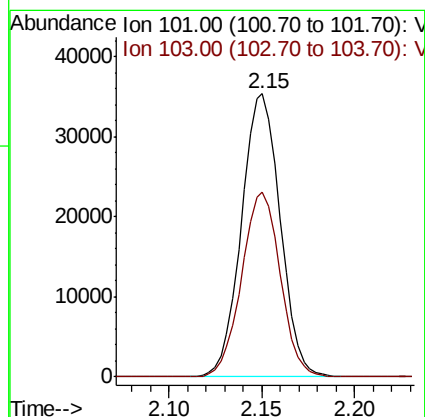
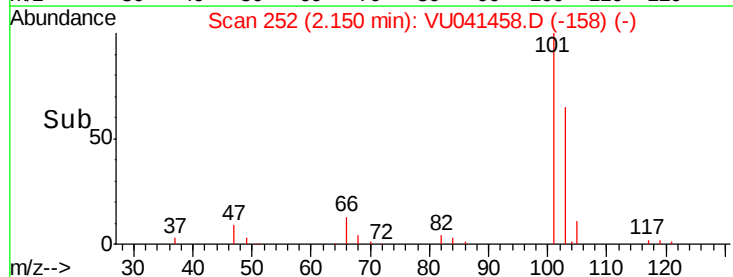
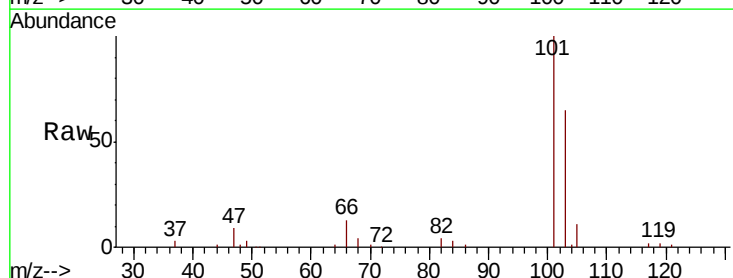
Instrument :
MSVOA_Y
ClientSampled :
VICV06

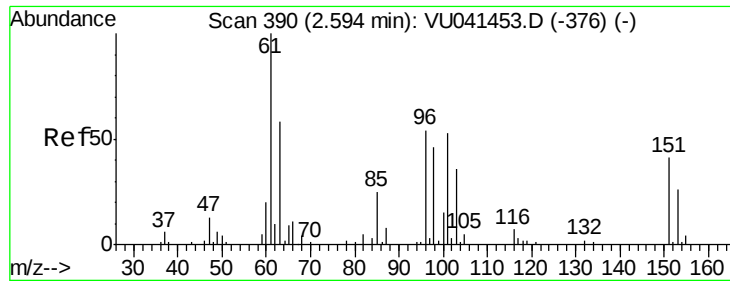
Tot Ion: 64 Resp: 14153
Ion Ratio Lower Upper
64 100
66 30.9 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.328 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion: 101 Resp: 51382
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1





#10

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

Concen: 5.288 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VICV06

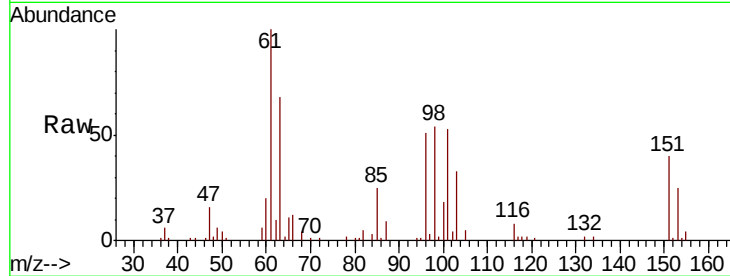
Tot Ion:101 Resp: 21342

Ion Ratio Lower Upper

101 100

85 47.0 37.4 56.0

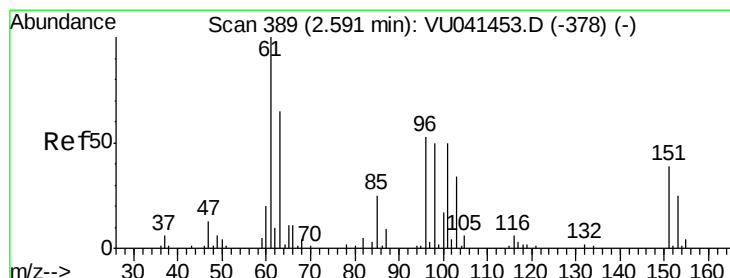
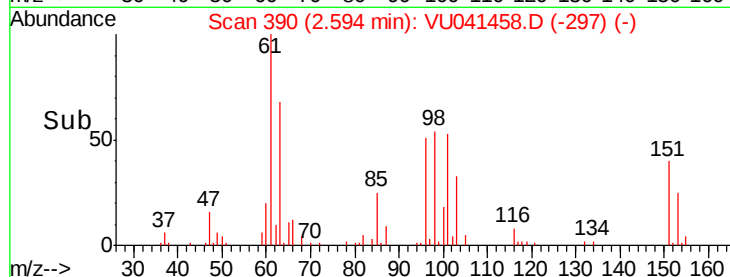
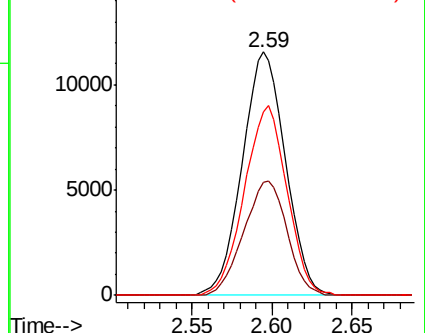
151 76.9 61.8 92.8



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: 5.247 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

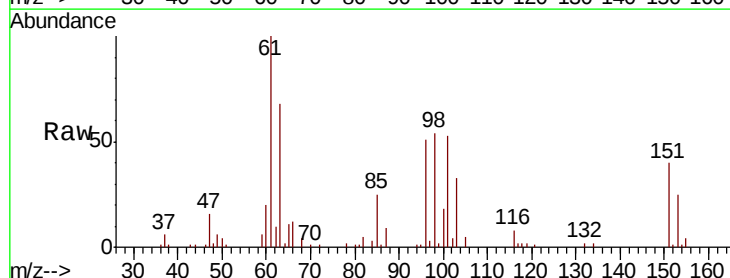
Tgt Ion: 96 Resp: 18468

Ion Ratio Lower Upper

96 100

61 195.7 132.6 246.2

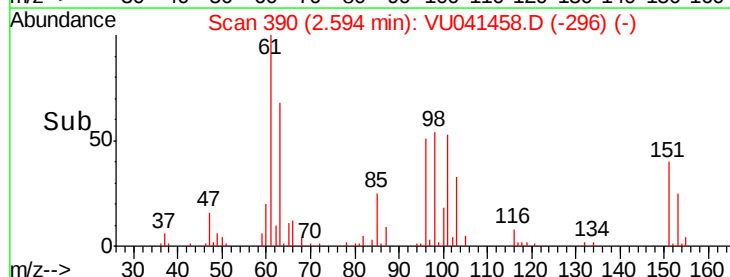
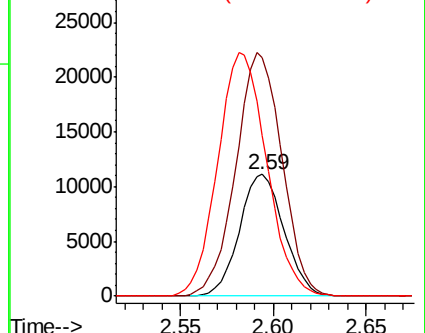
63 132.3 91.9 170.7

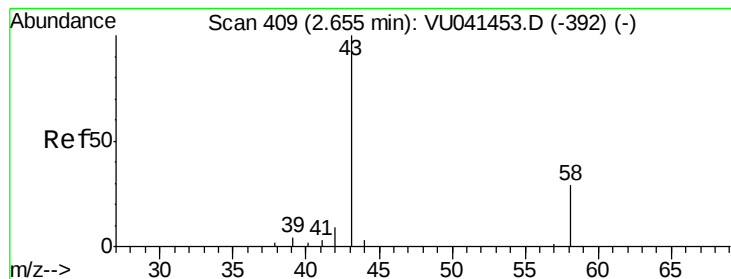


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 56.376 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampled :

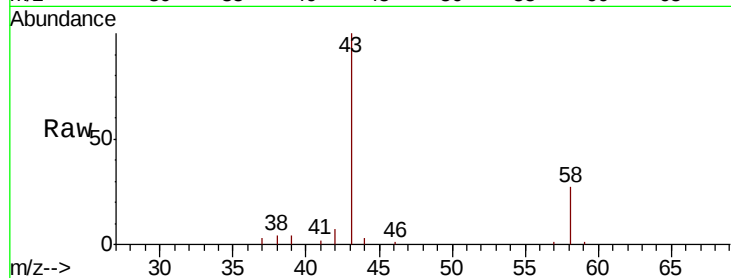
VICV06

Tot Ion: 43 Resp: 49097

Ion Ratio Lower Upper

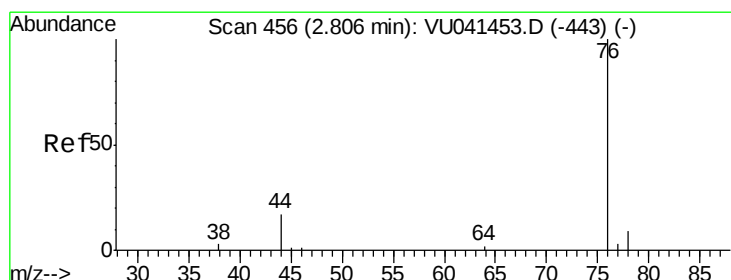
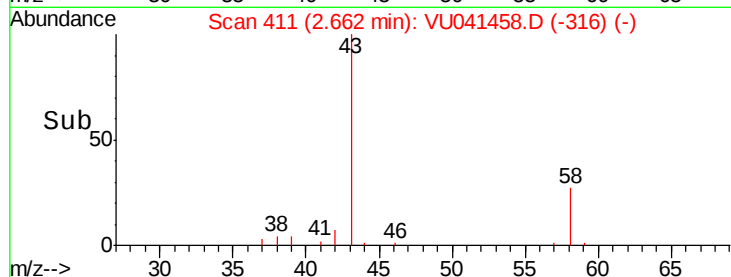
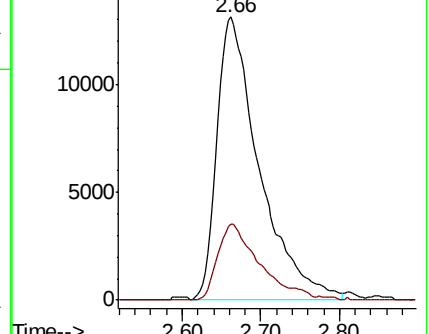
43 100

58 27.0 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU041458.D (-392) (-)

Ion 58.05 (57.75 to 58.75): VU041458.D (-392) (-)



#14

Carbon disulfide

Concen: 5.172 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041458.D

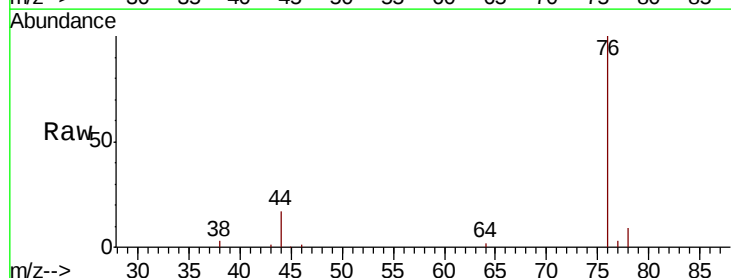
Acq: 03 Dec 2020 18:42

Tgt Ion: 76 Resp: 50471

Ion Ratio Lower Upper

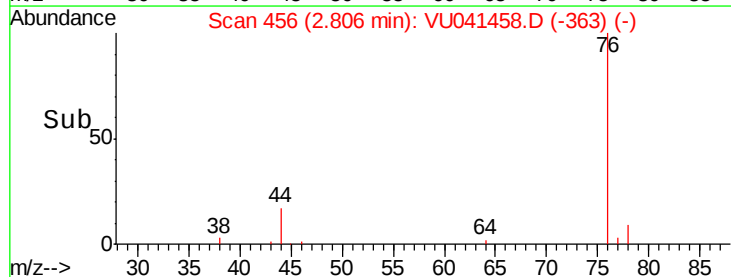
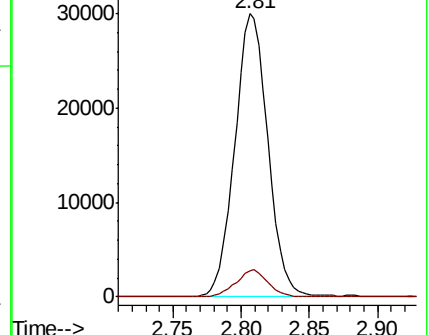
76 100

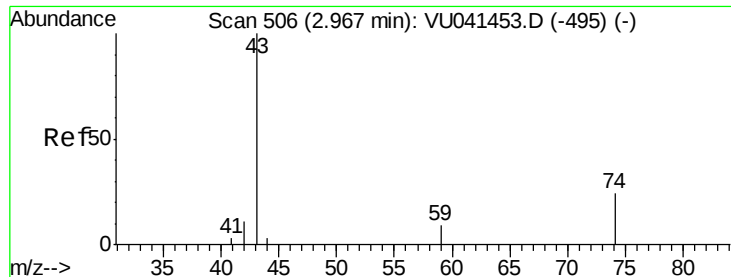
78 9.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU041458.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU041458.D (-363) (-)

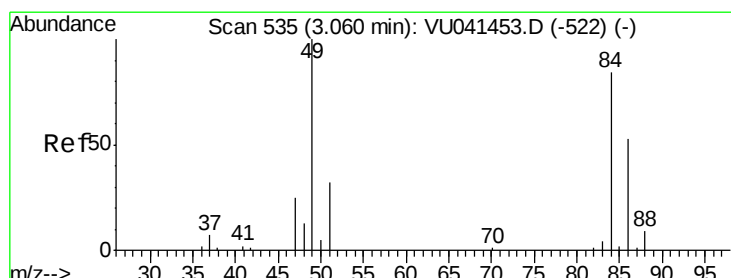
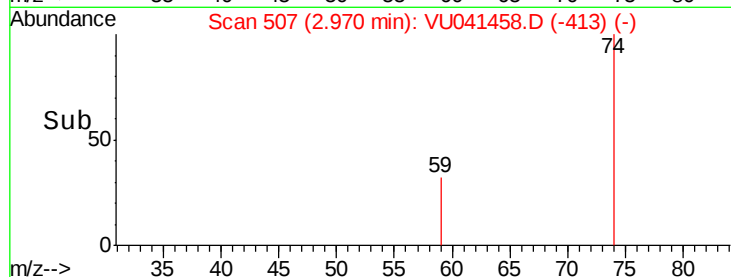
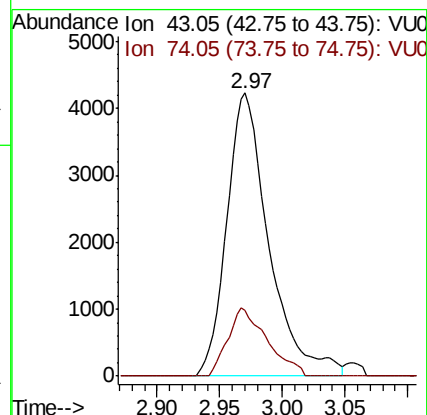
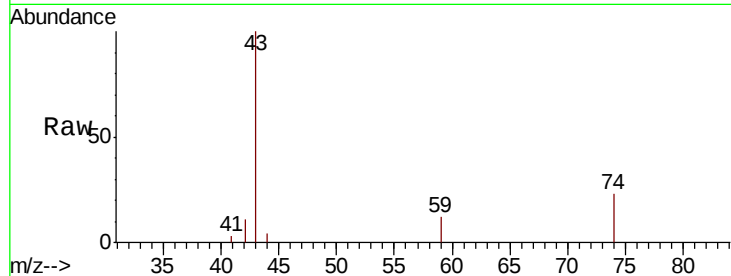




#15
Methyl Acetate
Concen: 5.509 ug/L
RT: 2.97 min Scan# 507
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

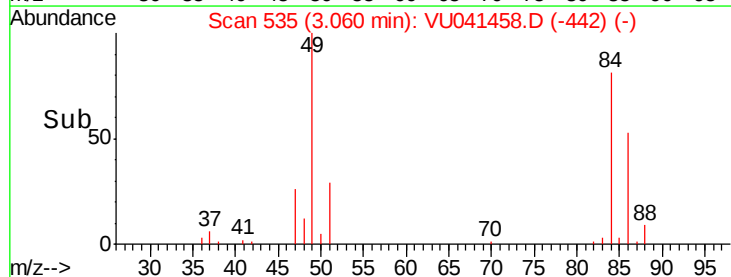
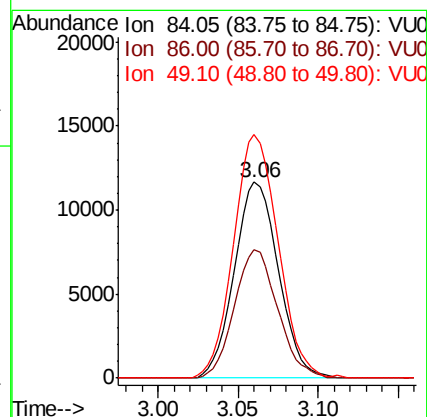
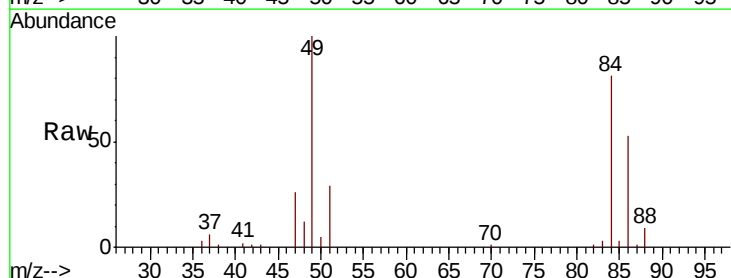
Instrument :
MSVOA_Y
ClientSampleId :
VICV06

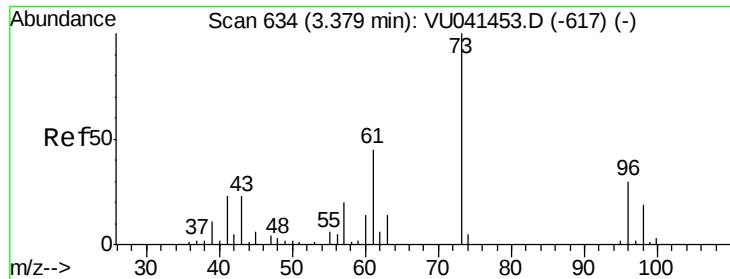
Tot Ion: 43 Resp: 9863
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8



#16
Methylene chloride
Concen: 4.292 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion: 84 Resp: 21937
Ion Ratio Lower Upper
84 100
86 65.5 44.3 82.3
49 124.1 83.2 154.4

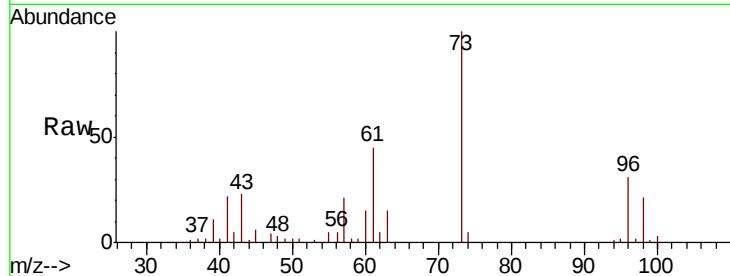




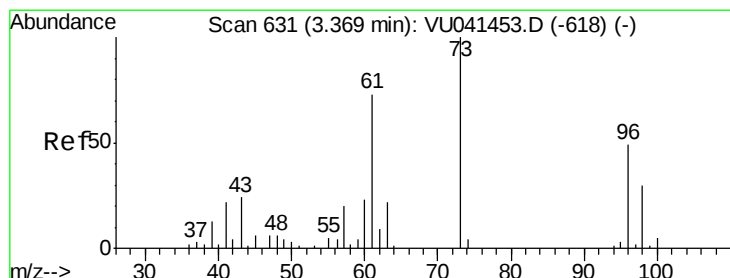
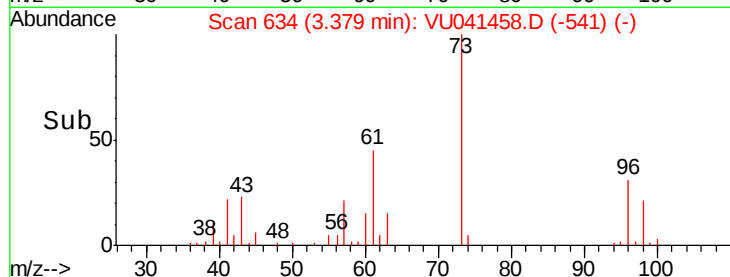
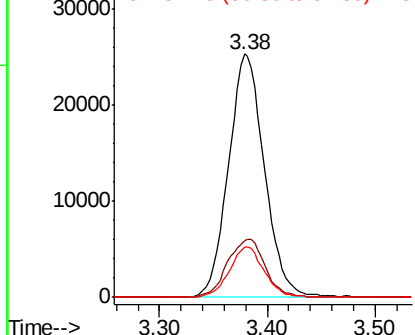
#17
Methvl tert-butvl Ether
Concen: 5.301 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Instrument :
MSVOA_Y
ClientSampleId :
VICV06

Tot Ion: 73 Resp: 58502
Ion Ratio Lower Upper
73 100
43 24.9 19.3 28.9
57 20.0 16.1 24.1

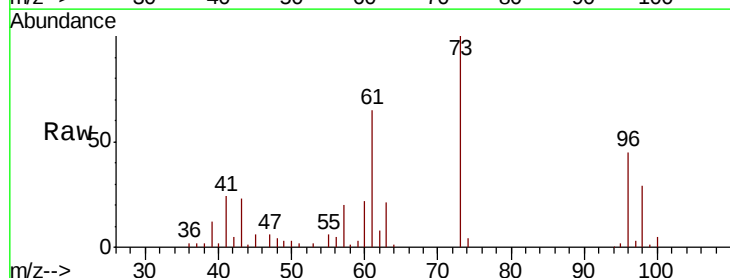


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

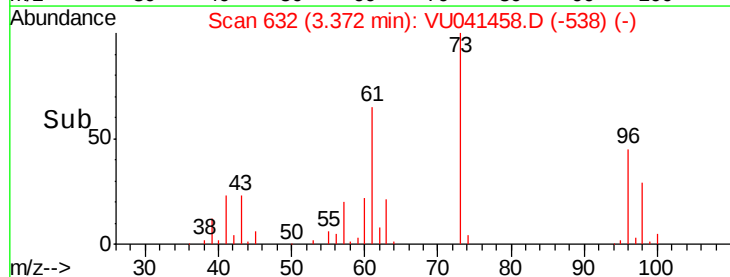
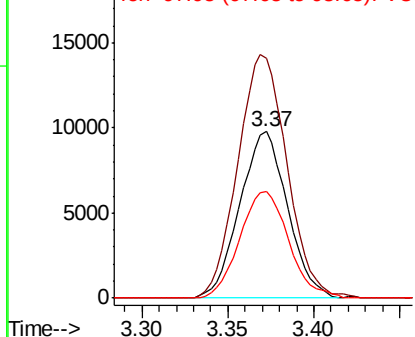


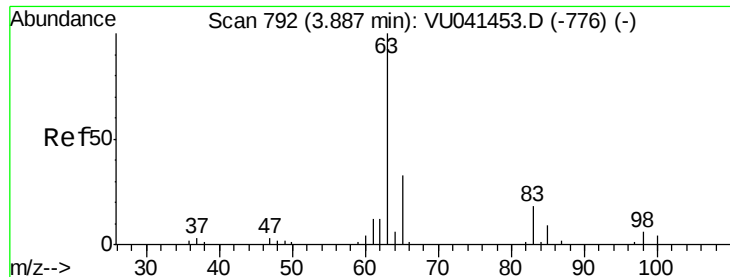
#18
trans-1,2-Dichloroethene
Concen: 5.139 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion: 96 Resp: 18829
Ion Ratio Lower Upper
96 100
61 144.1 104.4 193.8
98 63.8 43.6 81.0



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: 5.359 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VICV06

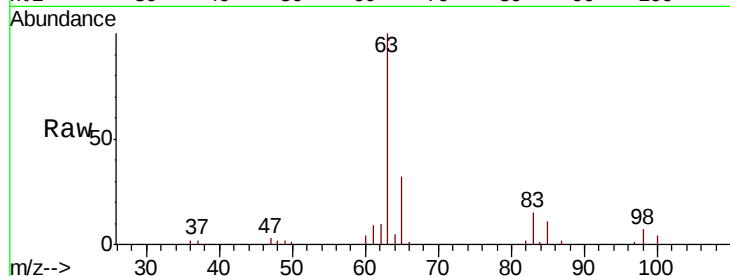
Tot Ion: 63 Resp: 38061

Ion Ratio Lower Upper

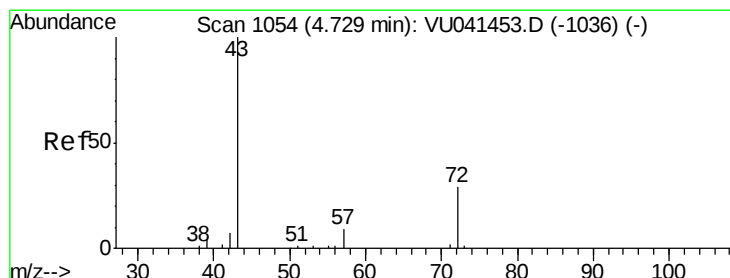
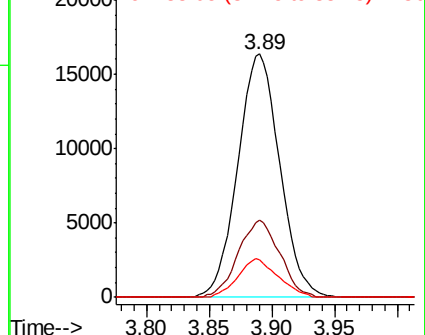
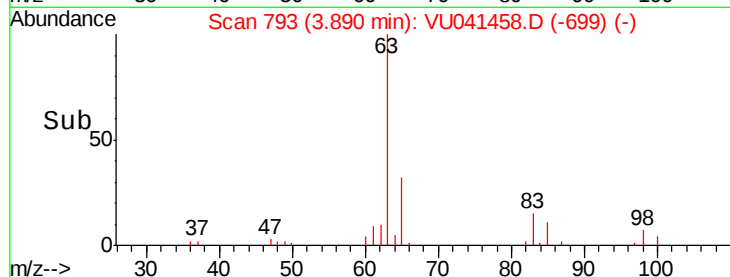
63 100

65 31.8 23.3 43.3

83 15.2 12.4 23.0



Abundance Ion 63.10 (62.80 to 63.80): VU041458.D (-699) (-)



#21

2-Butanone

Concen: 53.555 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VU041458.D

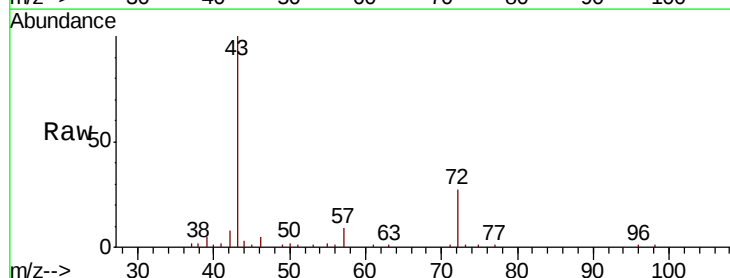
Acq: 03 Dec 2020 18:42

Tgt Ion: 43 Resp: 62151

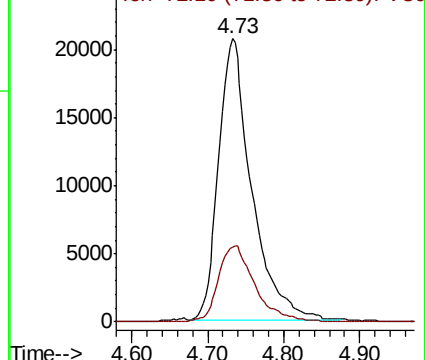
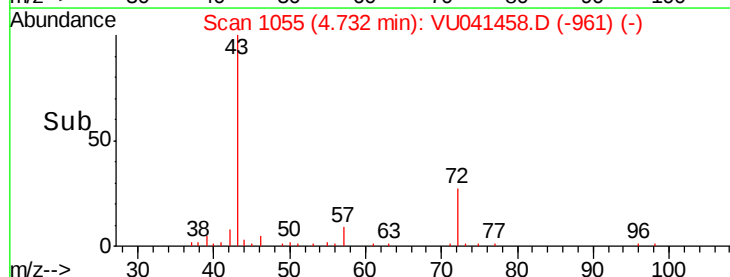
Ion Ratio Lower Upper

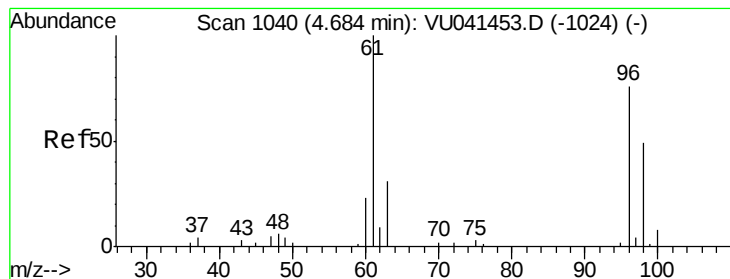
43 100

72 30.0 14.9 44.5



Abundance Ion 43.05 (42.75 to 43.75): VU041458.D (-961) (-)





#22

cis-1,2-Dichloroethene

Concen: 5.176 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VICV06

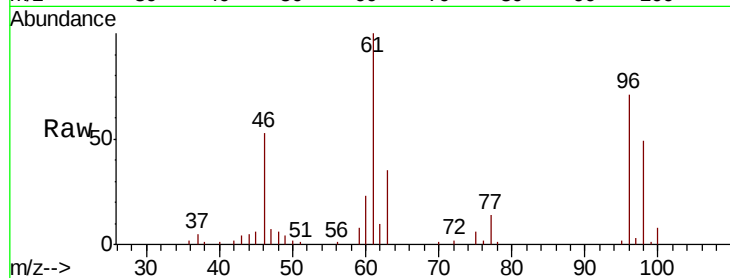
Tot Ion: 96 Resp: 21050

Ion Ratio Lower Upper

96 100

61 140.4 91.7 170.3

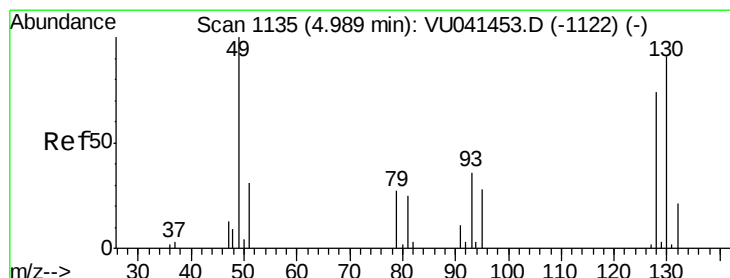
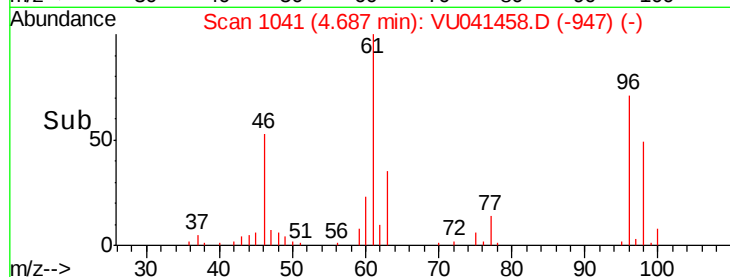
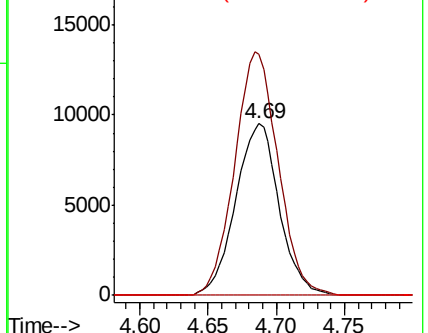
68 0.0 0.0 0.0



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: 5.617 ug/L

RT: 4.99 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Tgt Ion:128 Resp: 11495

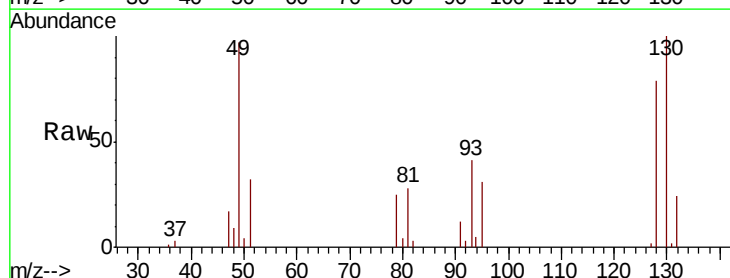
Ion Ratio Lower Upper

128 100

49 122.4 94.7 175.9

130 126.4 85.9 159.5

51 40.7 33.9 50.9

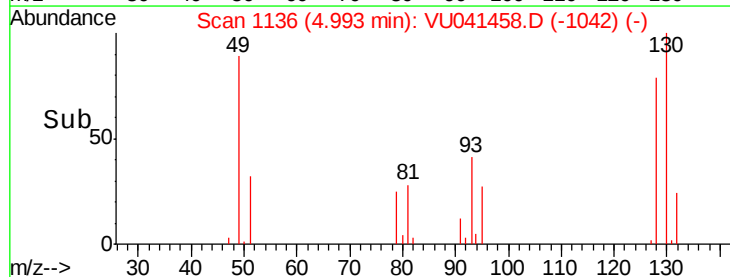
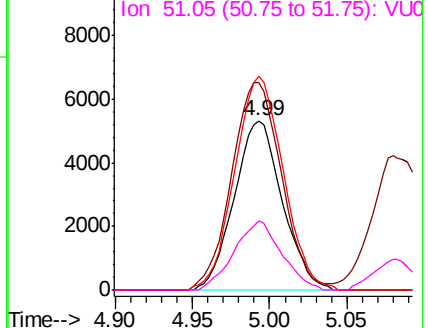


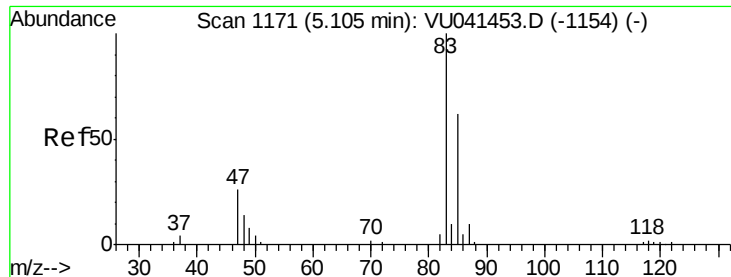
Abundance Ion 127.90 (127.60 to 128.60): V

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

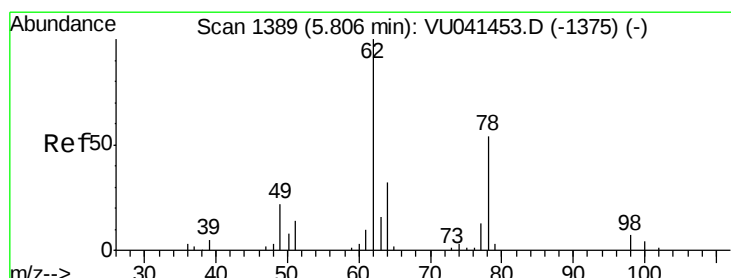
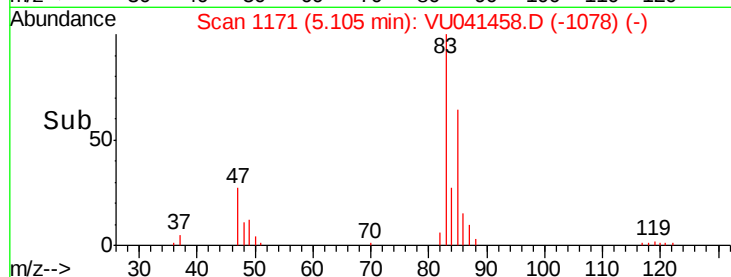
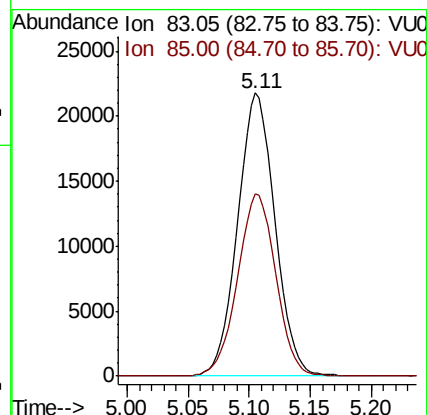
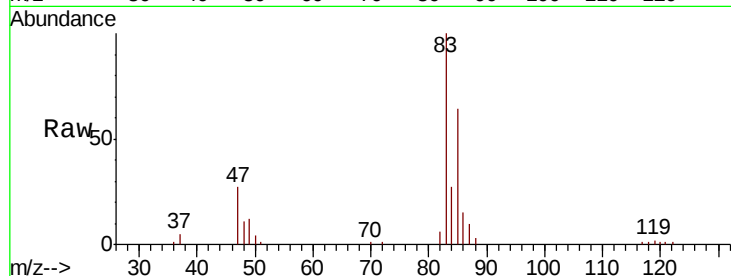




#25
Chloroform
Concen: 5.221 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

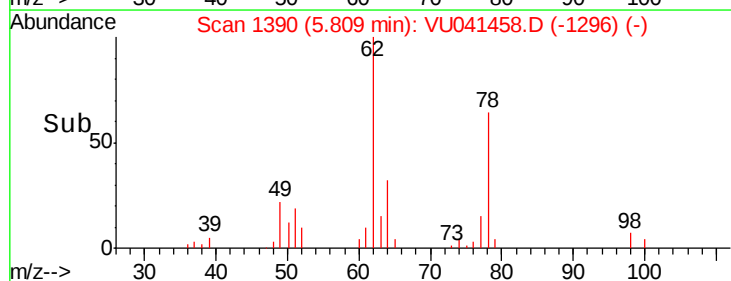
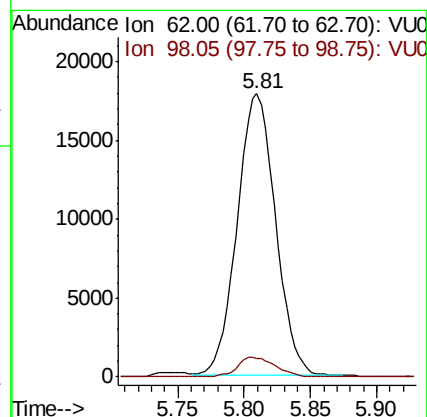
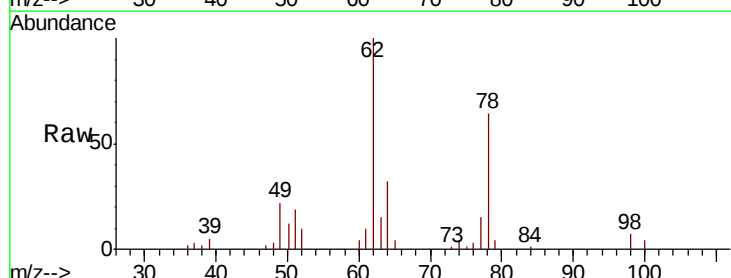
Instrument :
MSVOA_Y
ClientSampleId :
VICV06

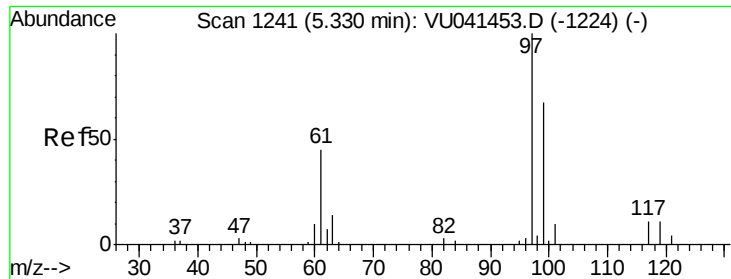
Tot Ion: 83 Resp: 46153
Ion Ratio Lower Upper
83 100
85 64.4 43.7 81.1



#27
1,2-Dichloroethane
Concen: 5.355 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion: 62 Resp: 35879
Ion Ratio Lower Upper
62 100
98 6.6 5.6 8.4

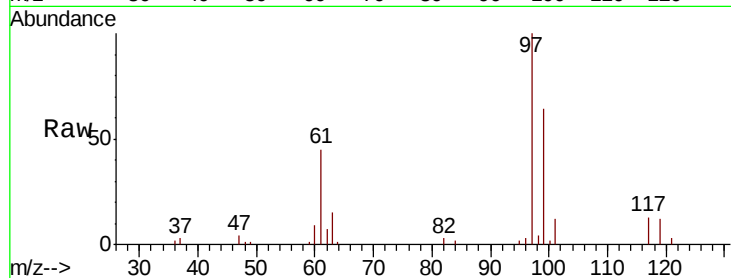




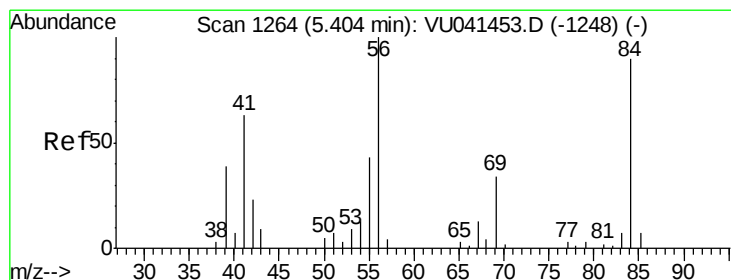
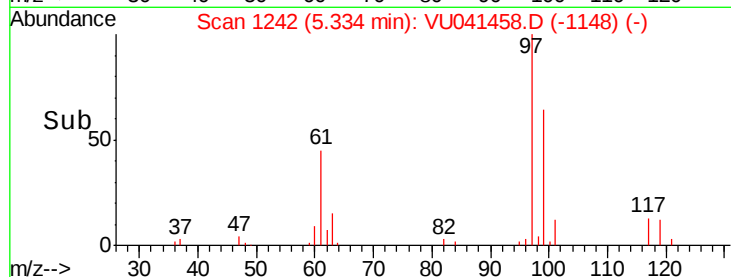
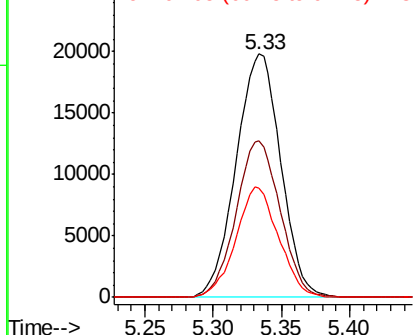
#29
1,1,1-Trichloroethane
Concen: 5.437 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Instrument :
MSVOA_Y
ClientSampleId :
VICV06

Tot Ion: 97 Resp: 45073
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 43.2 34.7 52.1

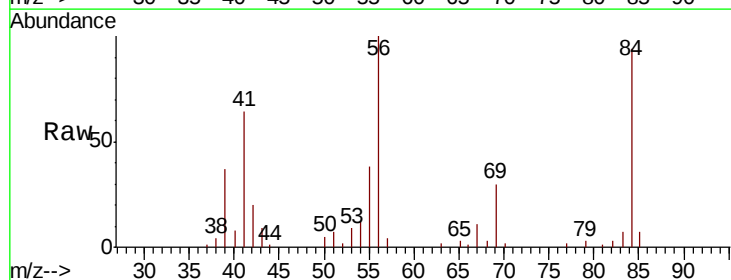


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

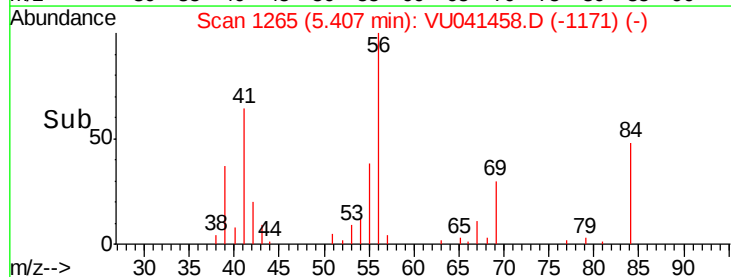
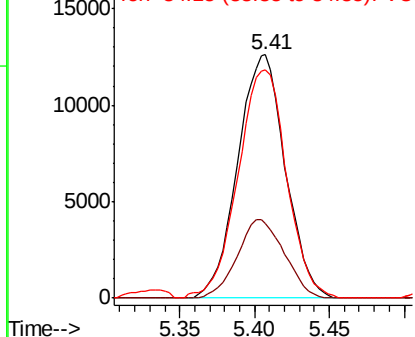


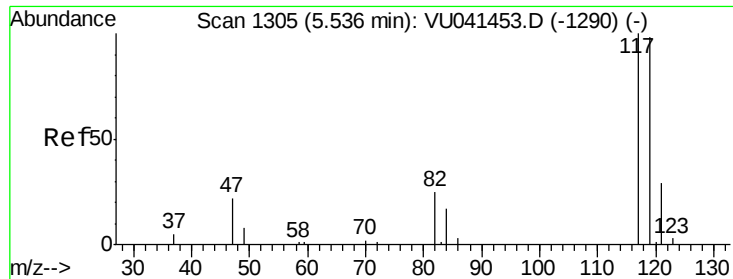
#30
Cyclohexane
Concen: 5.627 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion: 56 Resp: 27893
Ion Ratio Lower Upper
56 100
69 31.8 26.6 39.8
84 95.9 76.7 115.1



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

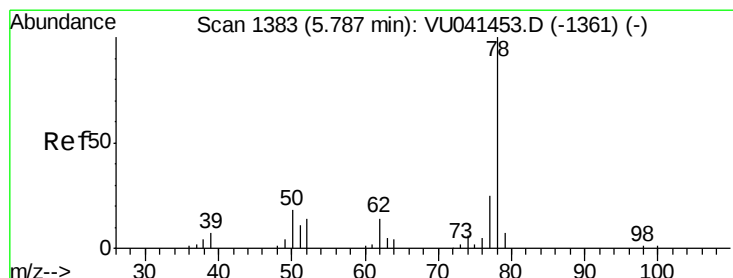
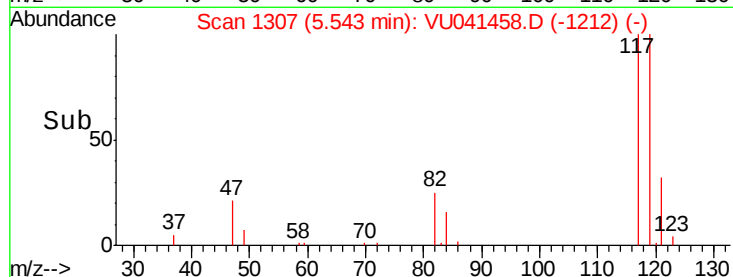
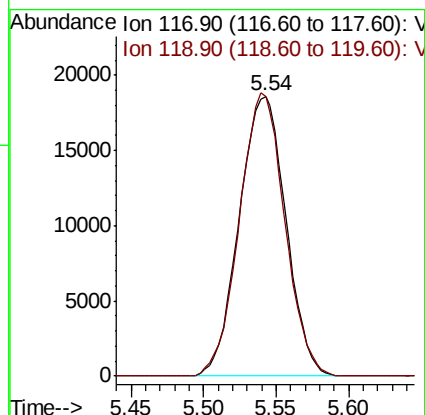
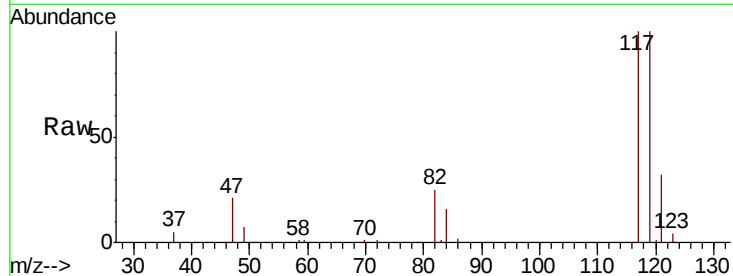




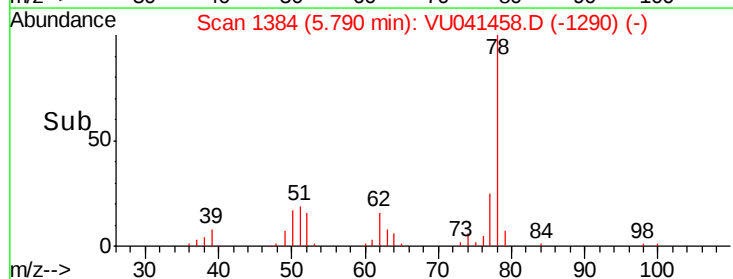
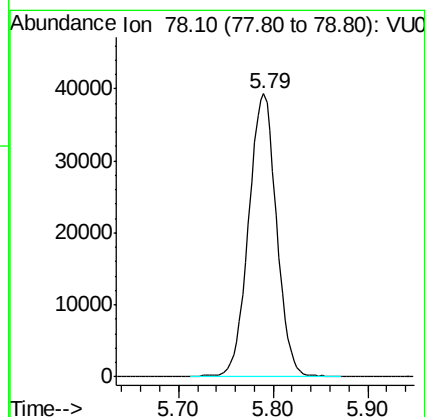
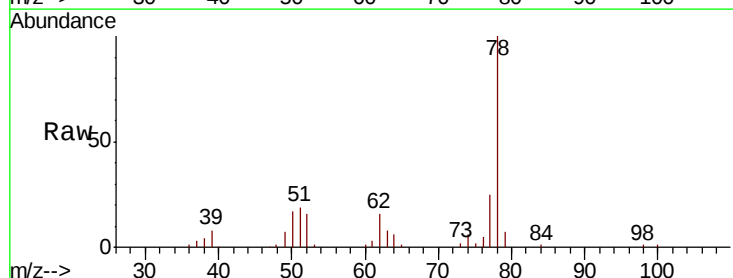
#31
Carbon tetrachloride
Concen: 5.531 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.01 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

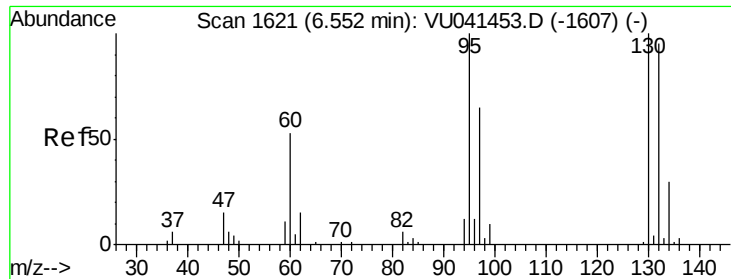
Instrument :
MSVOA_Y
ClientSampleId :
VICV06

Tot Ion:117 Resp: 41642
Ion Ratio Lower Upper
117 100
119 98.4 77.0 115.4



#33
Benzene
Concen: 5.561 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42
Tgt Ion: 78 Resp: 80753

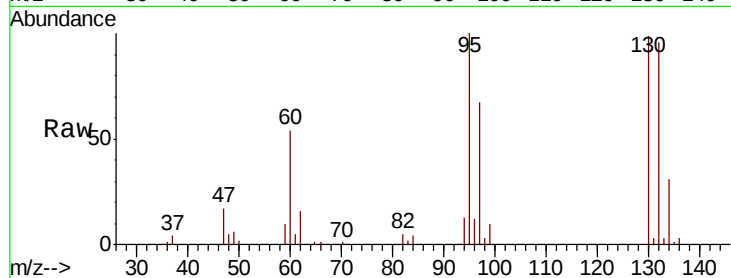




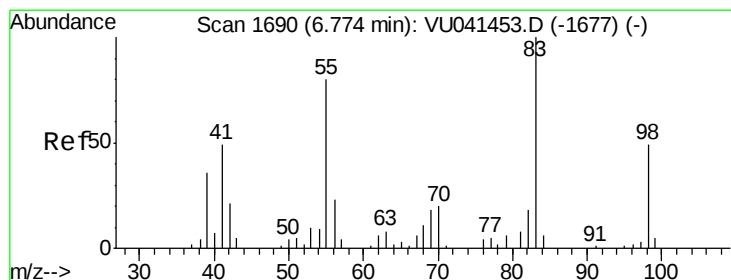
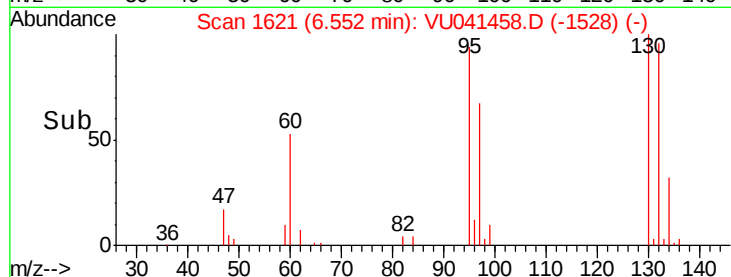
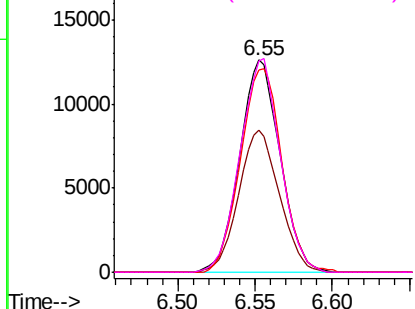
#34
 Trichloroethene
 Concen: 5.365 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV06

Tot Ion: 95 Resp: 22971
 Ion Ratio Lower Upper
 95 100
 97 66.9 45.8 85.0
 132 95.6 66.5 123.5
 130 99.4 70.3 130.5

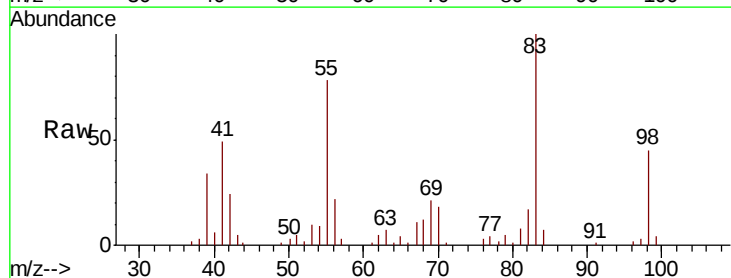


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

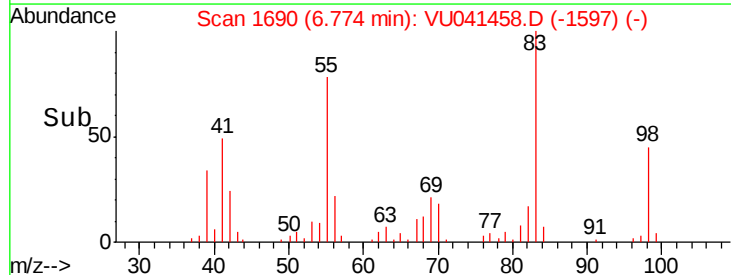
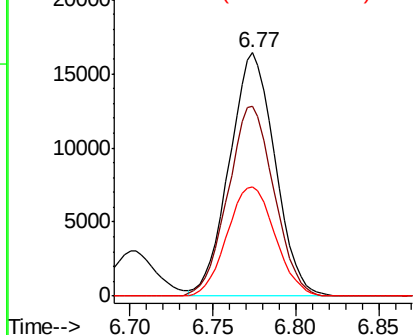


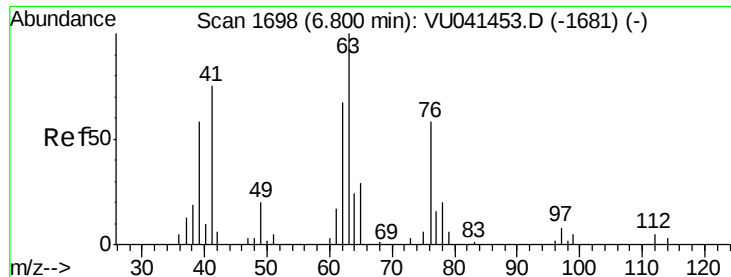
#35
 Methylcyclohexane
 Concen: 5.606 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

Tgt Ion: 83 Resp: 31420
 Ion Ratio Lower Upper
 83 100
 55 78.8 62.2 93.2
 98 47.2 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: 5.528 ug/L

RT: 6.80 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampled :

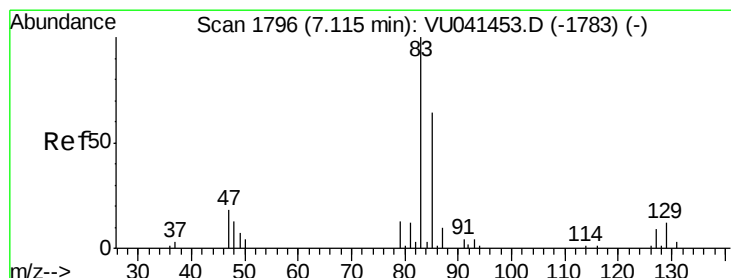
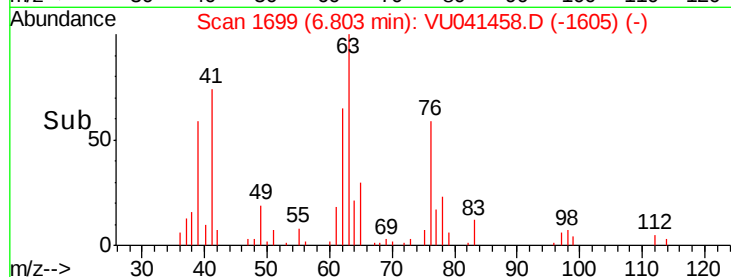
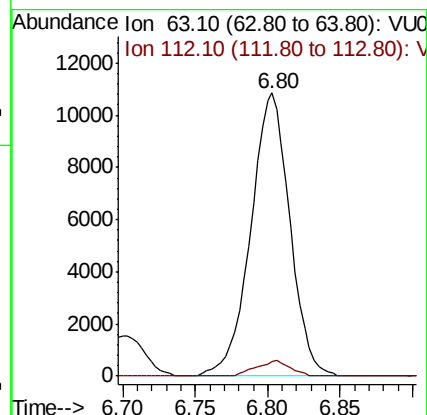
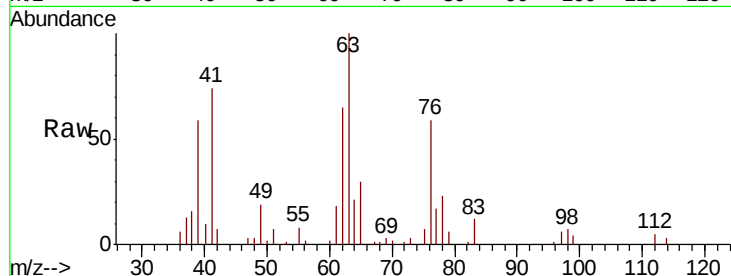
VICV06

Tot Ion: 63 Resp: 20369

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 5.560 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

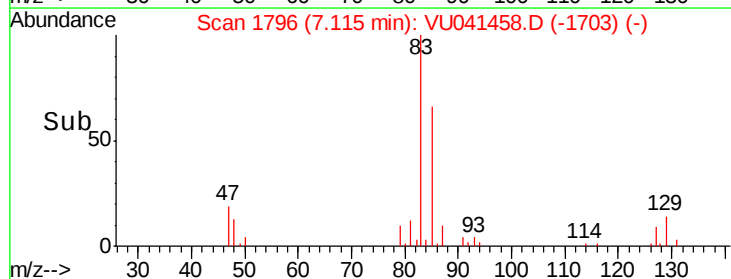
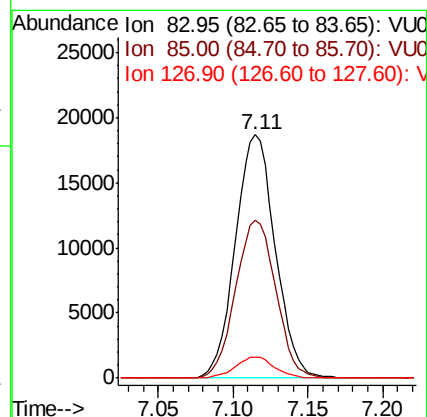
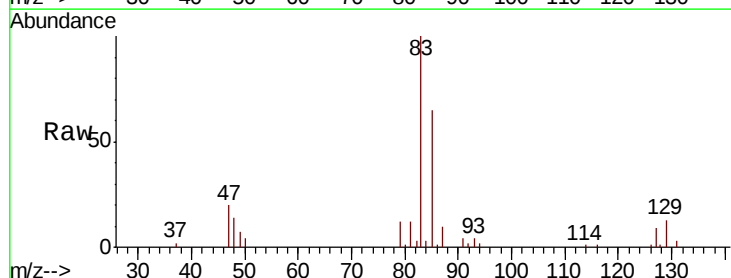
Tgt Ion: 83 Resp: 34657

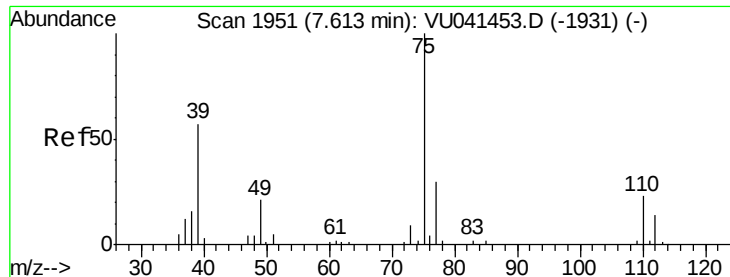
Ion Ratio Lower Upper

83 100

85 65.0 44.8 83.2

127 8.8 7.0 10.4

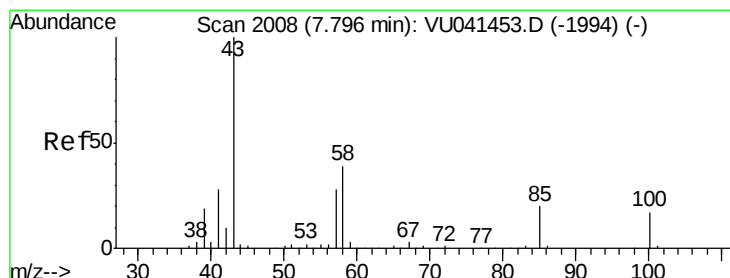
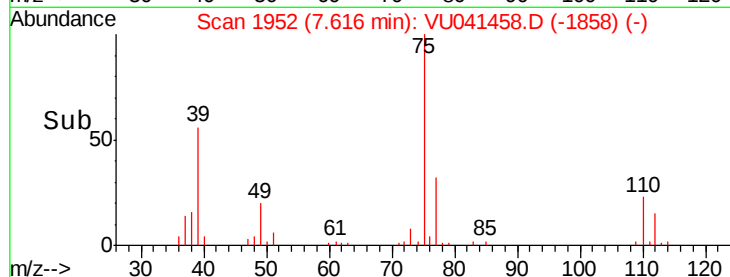
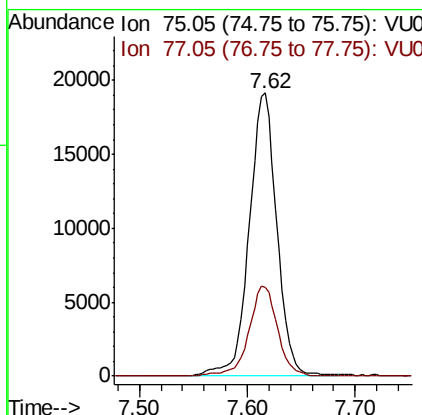
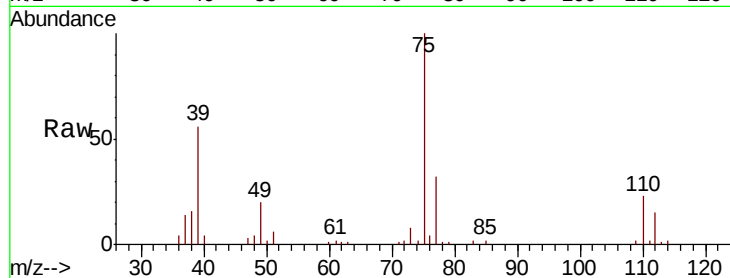




#39
 cis-1,3-Dichloropropene
 Concen: 5.765 ug/L
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

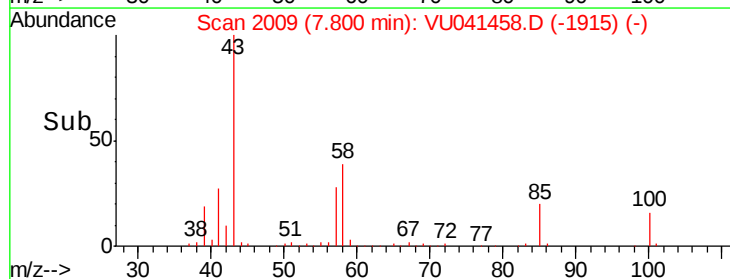
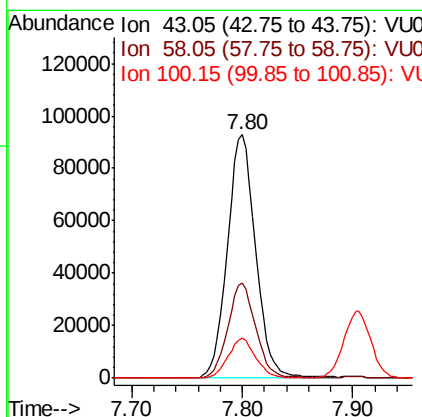
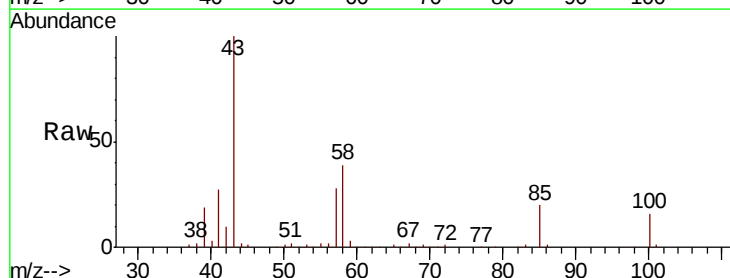
Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV06

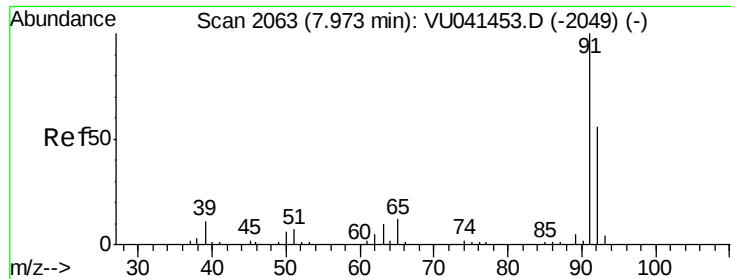
Tot Ion: 75 Resp: 34167
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.0 39.0



#40
 4-Methyl-2-pentanone
 Concen: 62.706 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

Tgt Ion: 43 Resp: 165313
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.1 46.7
 100 15.9 13.7 20.5





#42

Toluene

Concen: 5.824 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

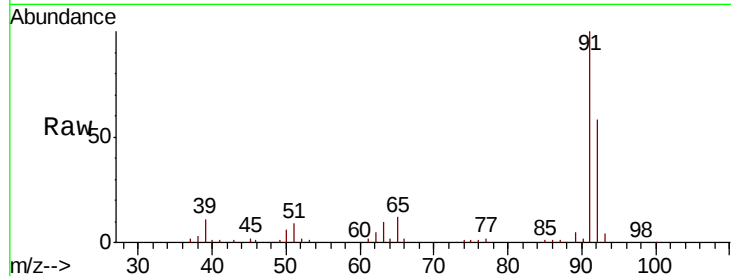
VICV06

Tot Ion: 91 Resp: 93349

Ion Ratio Lower Upper

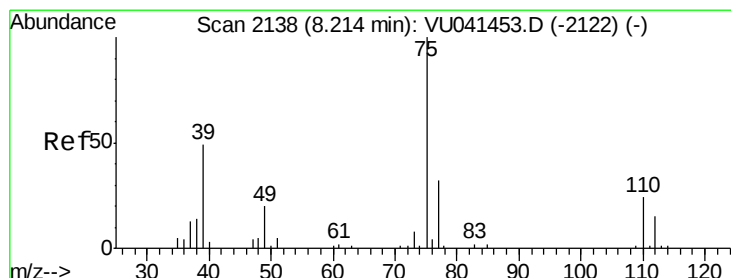
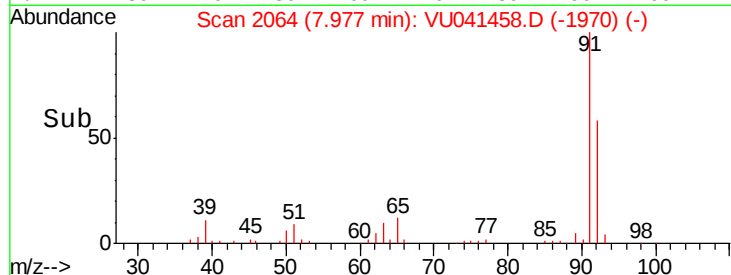
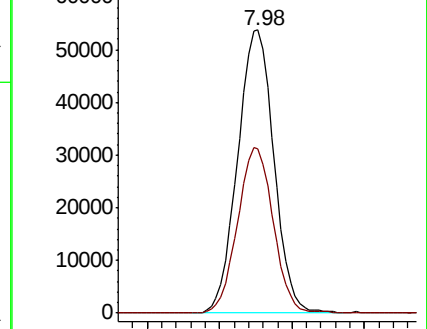
91 100

92 57.9 39.5 73.4



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: 5.719 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU041458.D

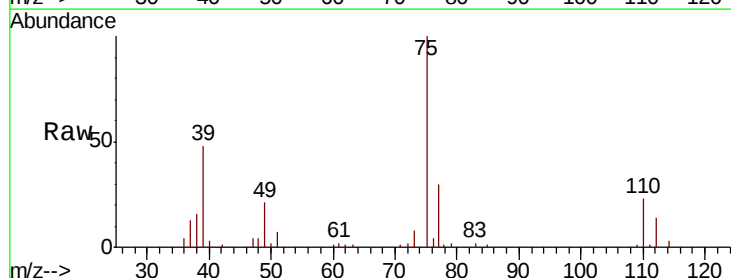
Acq: 03 Dec 2020 18:42

Tgt Ion: 75 Resp: 34965

Ion Ratio Lower Upper

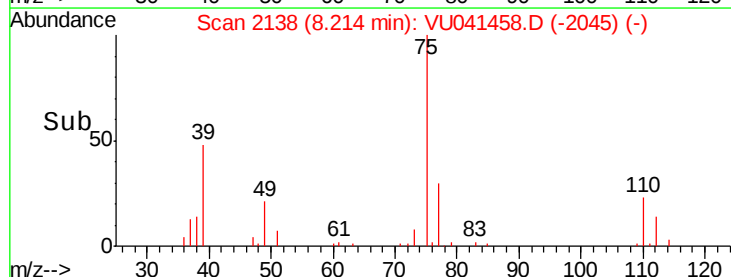
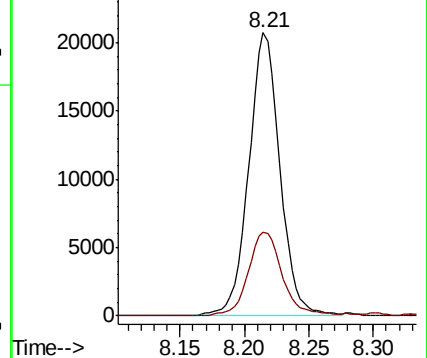
75 100

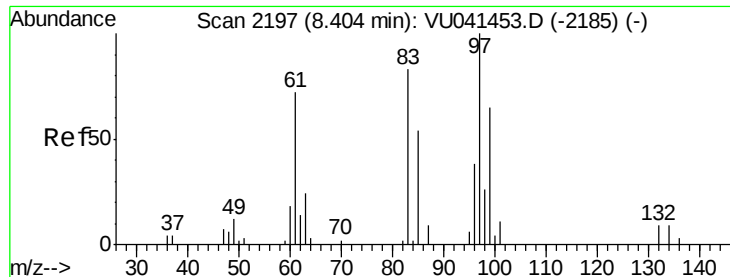
77 29.5 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

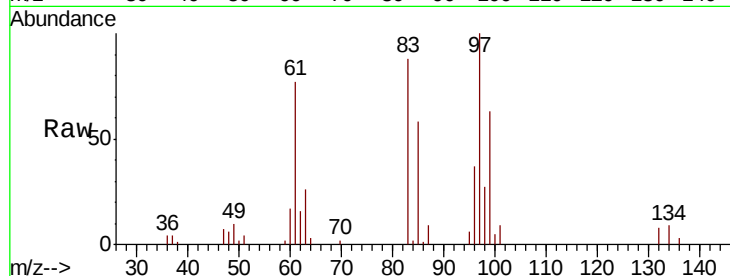




#45
1,1,2-Trichloroethane
Concen: 5.659 ug/L
RT: 8.40 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Instrument :
MSVOA_Y
ClientSampleId :
VICV06

Tot Ion:	97	Resp:	17536
Ion	Ratio	Lower	Upper
97	100		
99	63.1	45.2	84.0
83	88.4	57.8	107.4
85	58.5	37.8	70.2



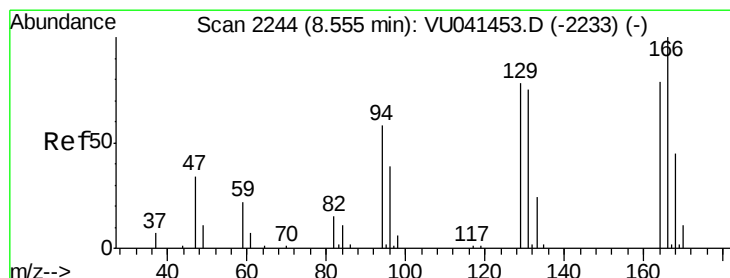
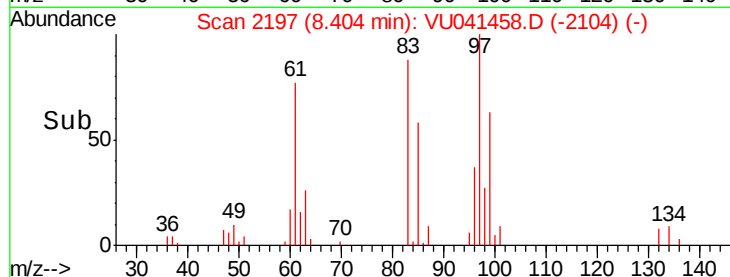
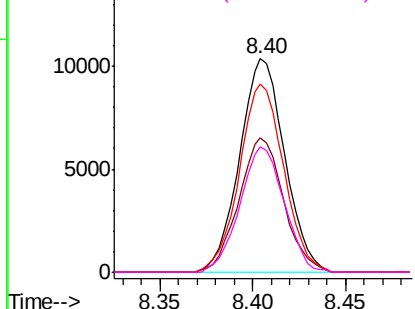
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

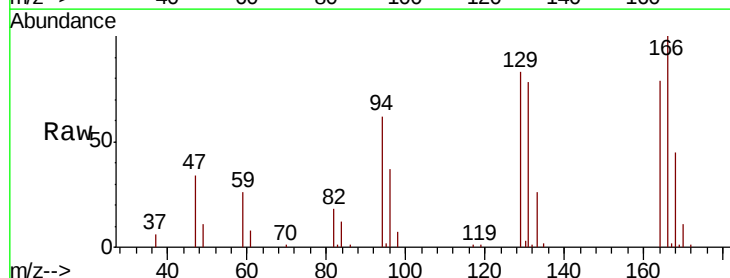
Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47
Tetrachloroethene
Concen: 5.772 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion:	164	Resp:	18265
Ion	Ratio	Lower	Upper
164	100		
129	104.6	69.4	128.8
131	98.3	66.5	123.5
166	126.4	89.2	165.6



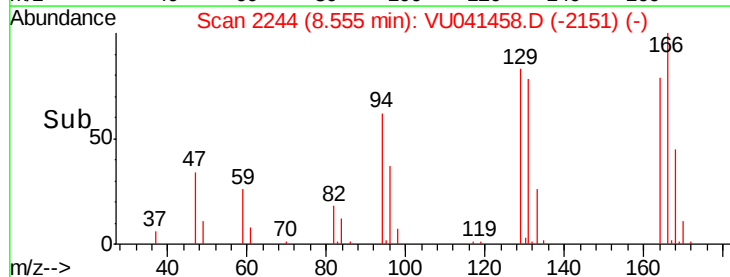
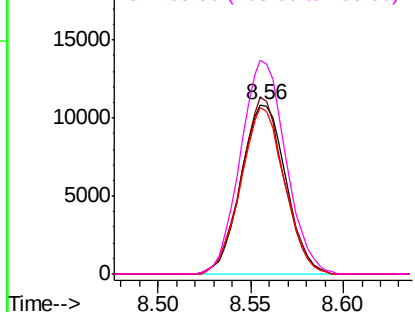
Abundance

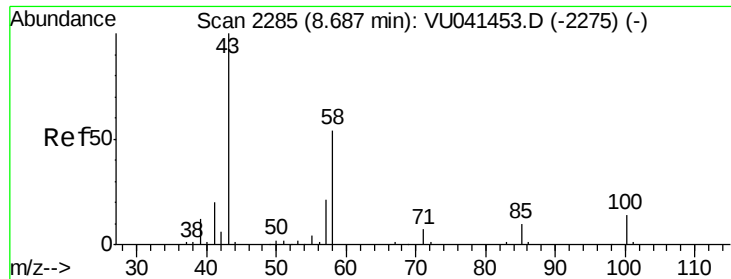
Ion 163.90 (163.60 to 164.60): V

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

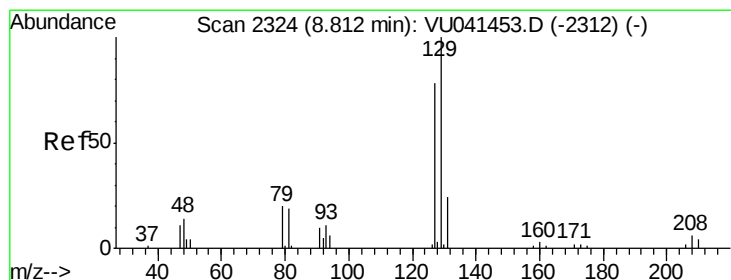
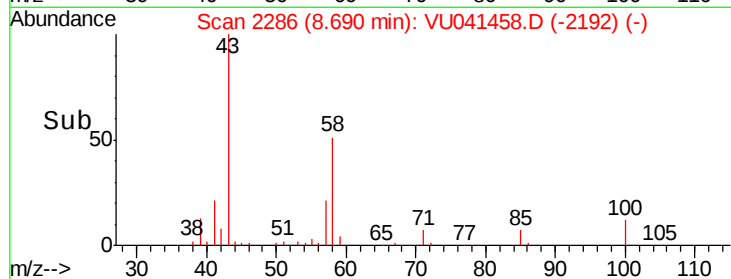
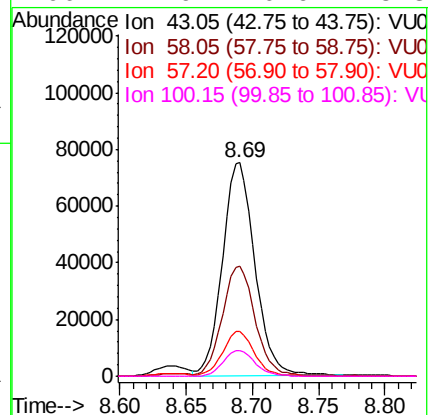
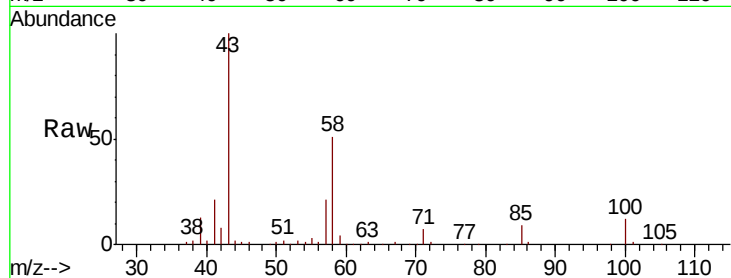




#48
2-Hexanone
Concen: 63.621 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

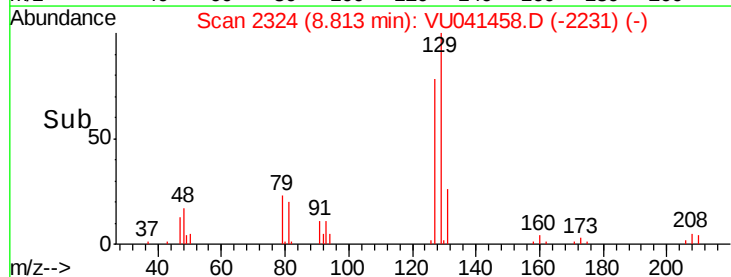
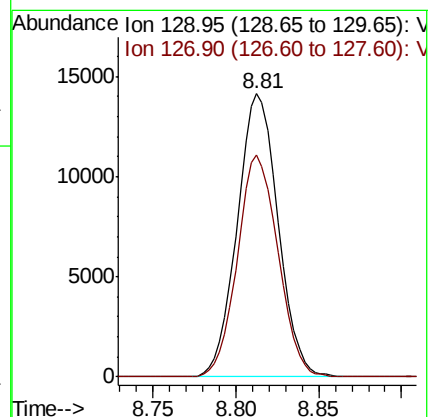
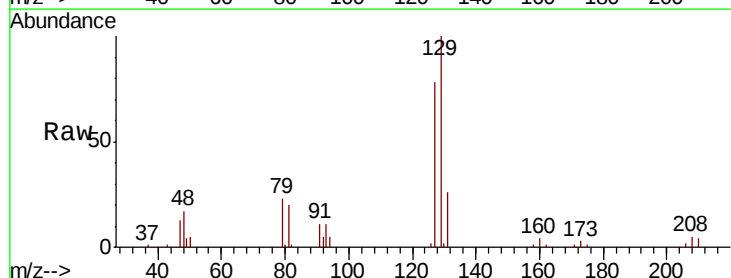
Instrument :
MSVOA_Y
ClientSampleId :
VICV06

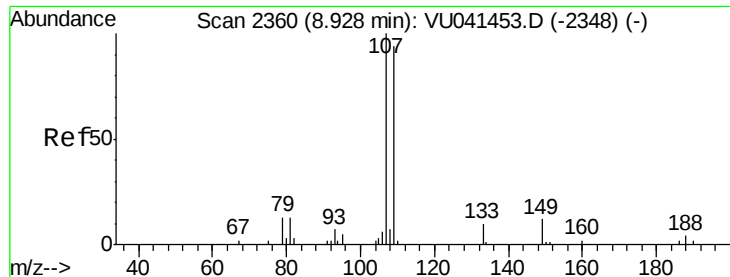
Tot Ion: 43 Resp: 127497
Ion Ratio Lower Upper
43 100
58 52.2 42.9 64.3
57 20.7 17.2 25.8
100 11.9 10.6 15.8



#49
Dibromochloromethane
Concen: 5.560 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion: 129 Resp: 24203
Ion Ratio Lower Upper
129 100
127 78.2 54.6 101.4

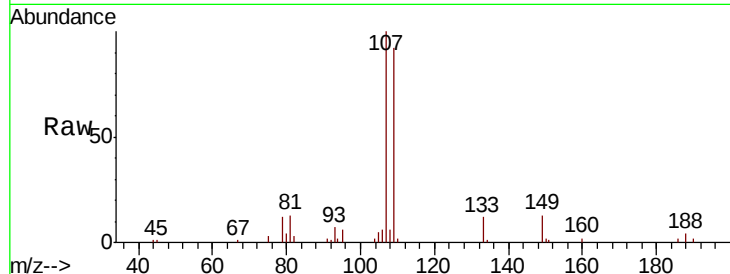




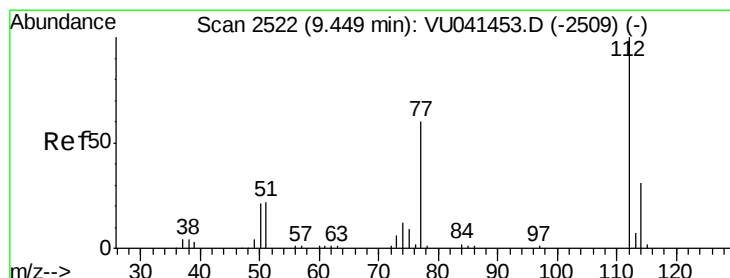
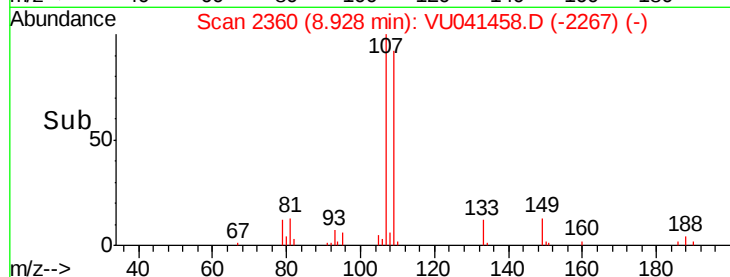
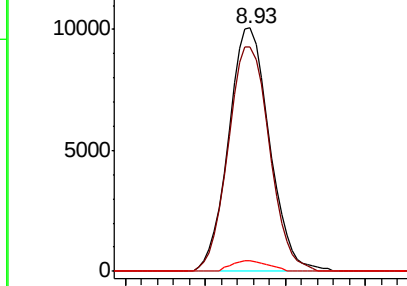
#50
 1,2-Dibromoethane
 Concen: 5.735 ug/L
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV06

Tot Ion:107 Resp: 17576
 Ion Ratio Lower Upper
 107 100
 109 92.0 66.0 122.6
 188 4.2 3.1 4.7

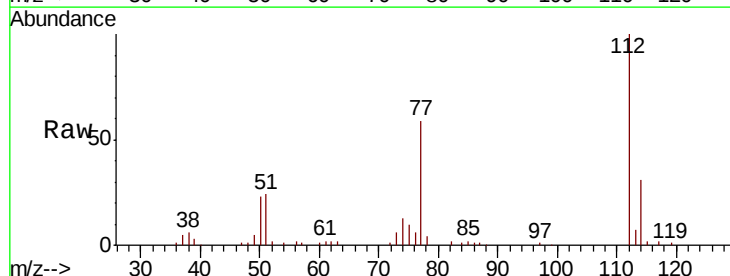


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

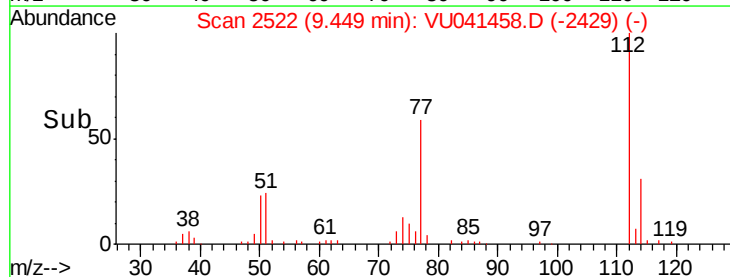
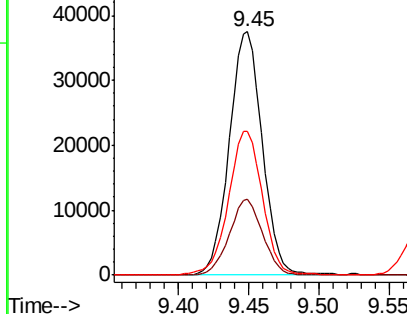


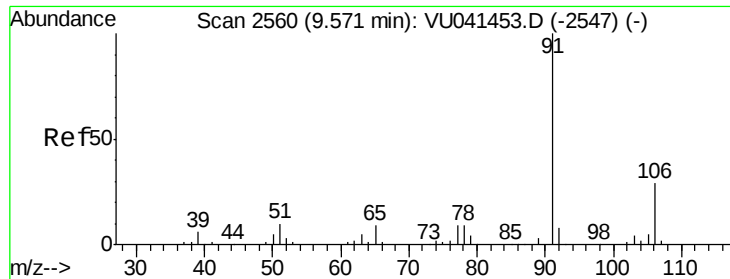
#51
 Chlorobenzene
 Concen: 5.679 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

Tgt Ion:112 Resp: 61432
 Ion Ratio Lower Upper
 112 100
 114 31.0 22.0 41.0
 77 59.1 48.8 73.2



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: 5.530 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

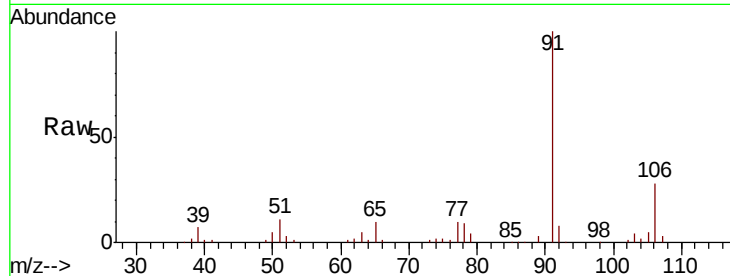
VICV06

Tot Ion: 91 Resp: 102751

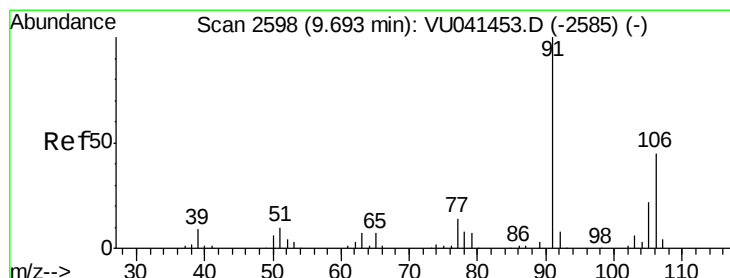
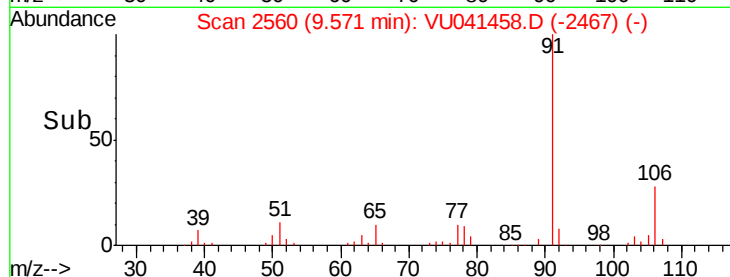
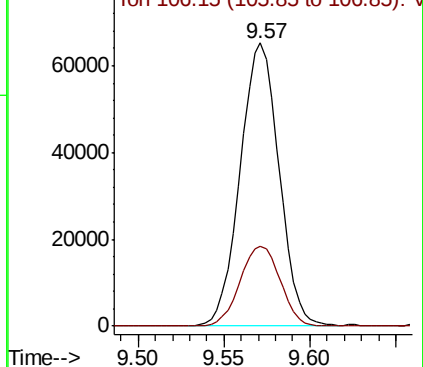
Ion Ratio Lower Upper

91 100

106 28.4 20.2 37.4



Abundance Ion 91.15 (90.85 to 91.85): VU041458.D (-2547) (-)



#53

m,p-Xylene

Concen: 5.643 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU041458.D

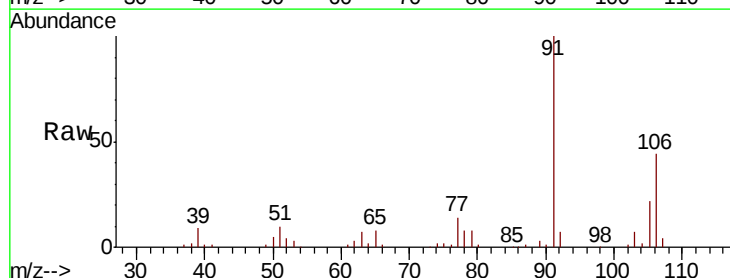
Acq: 03 Dec 2020 18:42

Tgt Ion: 106 Resp: 38428

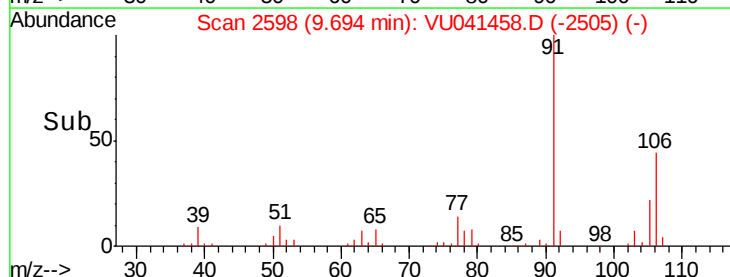
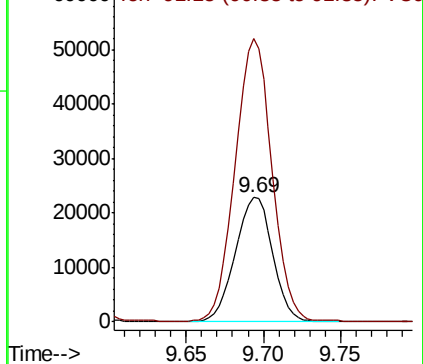
Ion Ratio Lower Upper

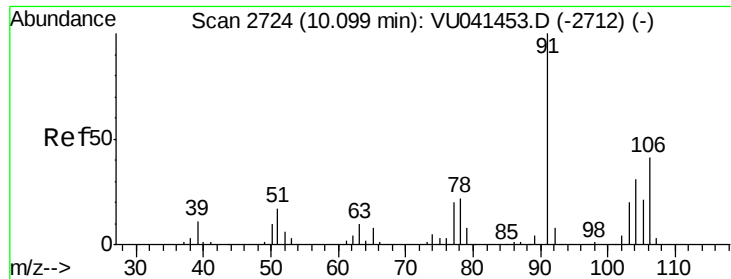
106 100

91 227.4 155.8 289.4



Abundance Ion 106.15 (105.85 to 106.85): VU041458.D (-2598) (-)





#54

o-Xylene

Concen: 5.834 ug/L

RT: 10.10 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampled :

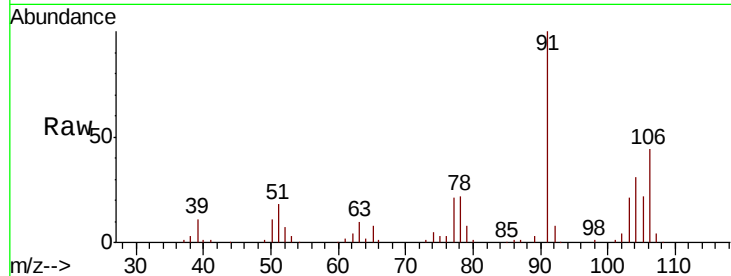
VICV06

Tot Ion:106 Resp: 37221

Ion Ratio Lower Upper

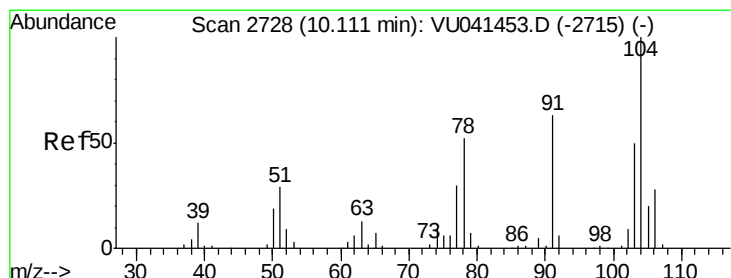
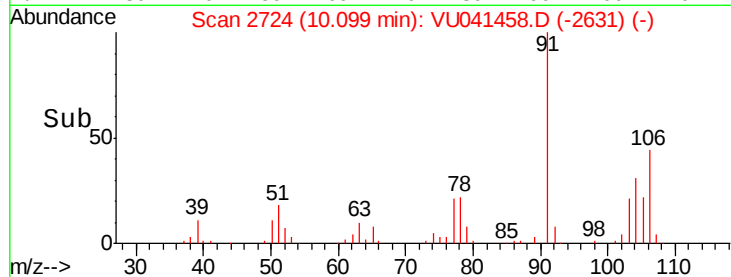
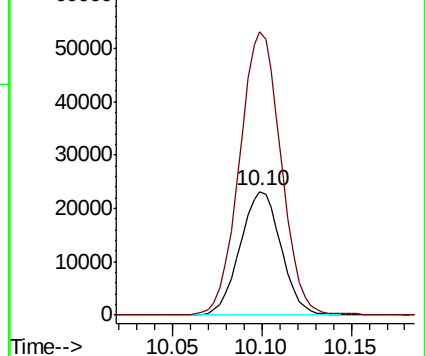
106 100

91 228.2 169.8 315.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 5.696 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU041458.D

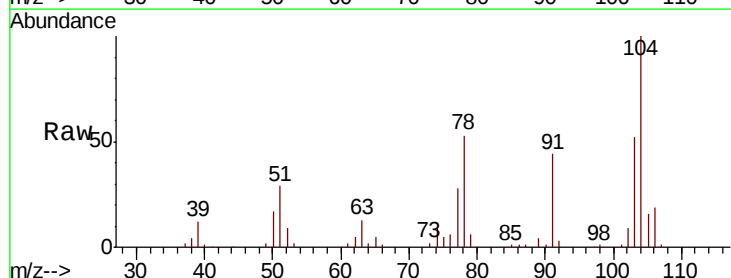
Acq: 03 Dec 2020 18:42

Tgt Ion:104 Resp: 65827

Ion Ratio Lower Upper

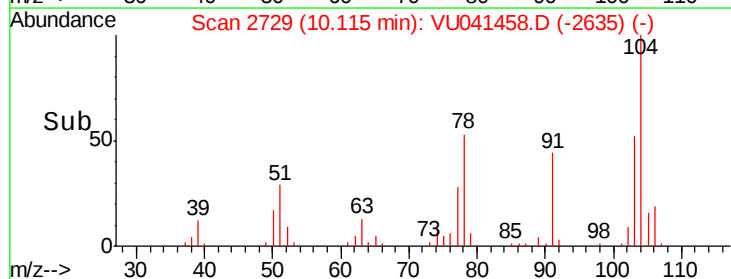
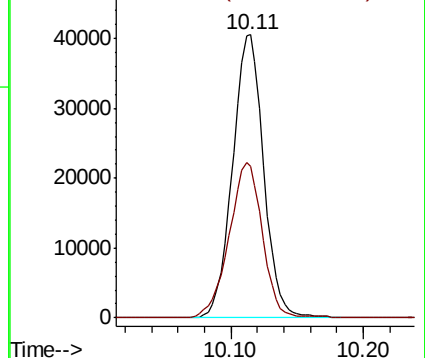
104 100

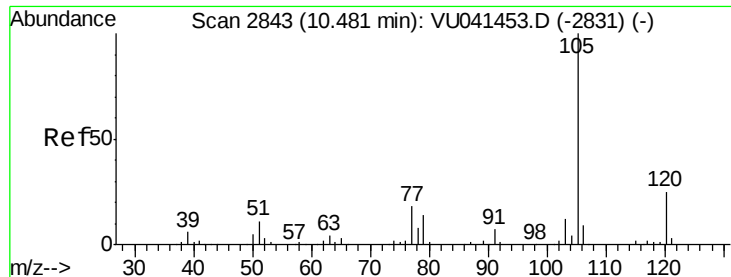
78 53.3 36.9 68.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.697 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VICV06

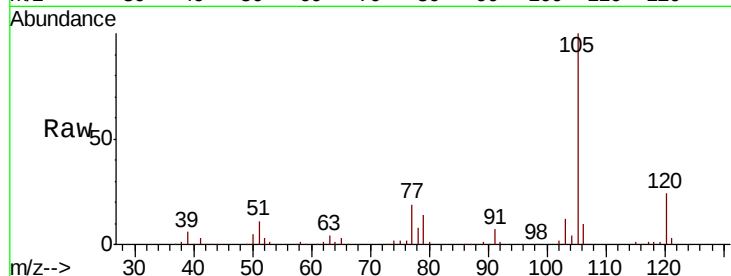
Tot Ion:105 Resp: 105244

Ion Ratio Lower Upper

105 100

120 24.6 20.3 30.5

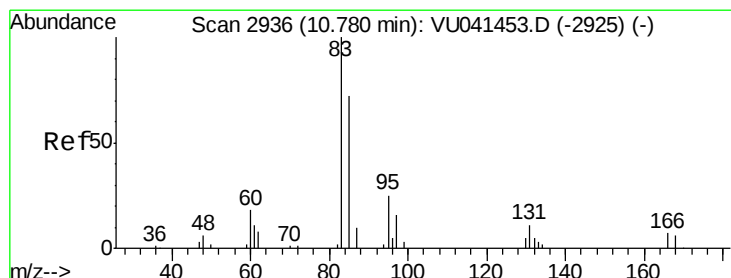
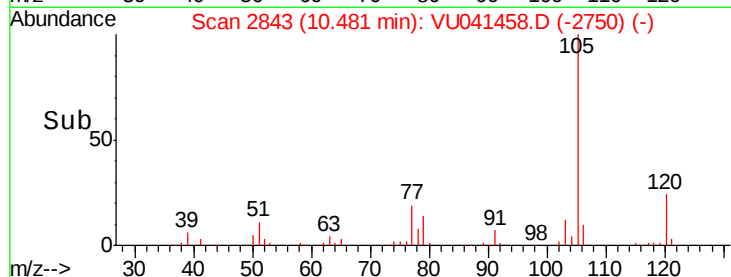
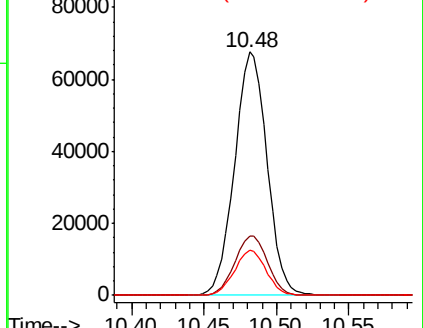
77 18.0 14.2 21.2



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: 5.825 ug/L

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

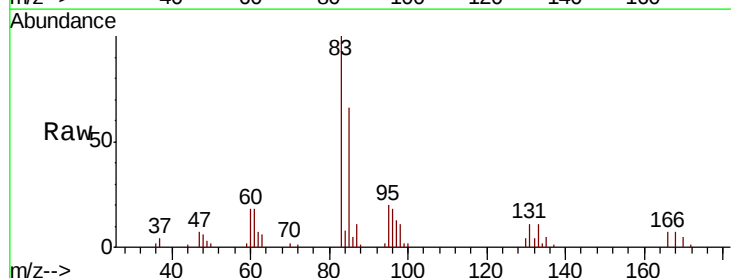
Tgt Ion: 83 Resp: 22676

Ion Ratio Lower Upper

83 100

85 66.0 50.7 94.3

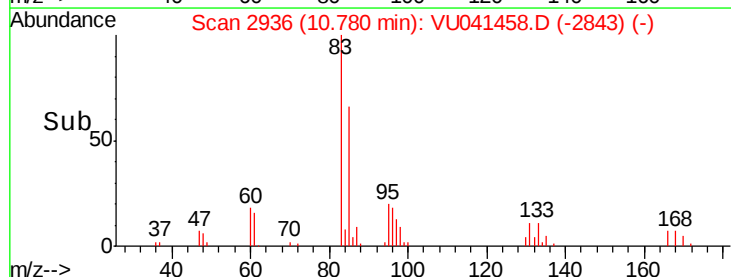
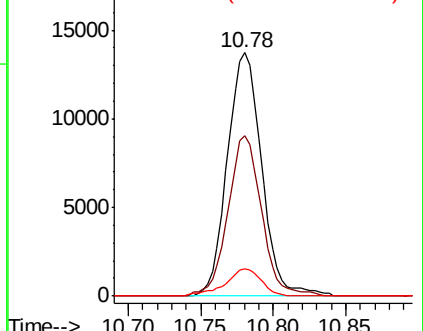
131 11.3 10.3 15.5

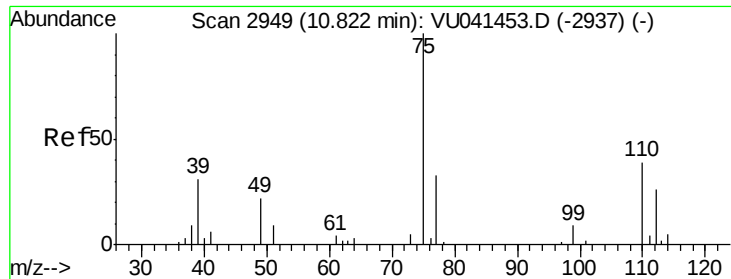


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.686 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampled :

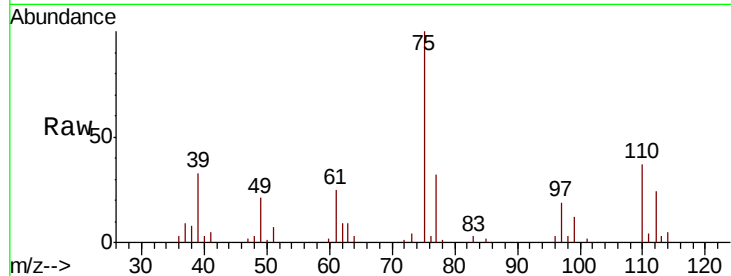
VICV06

Tot Ion: 75 Resp: 18424

Ion Ratio Lower Upper

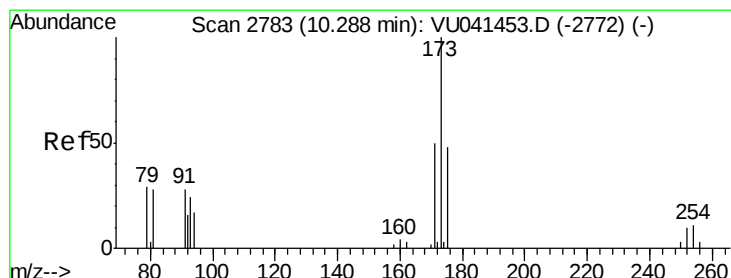
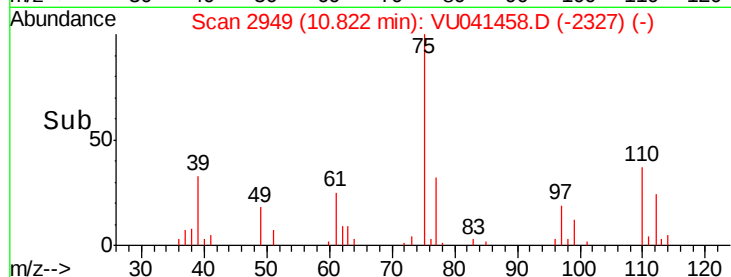
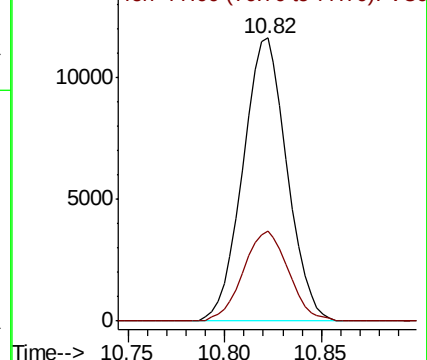
75 100

77 32.6 27.3 40.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#61

Bromoform

Concen: 5.198 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

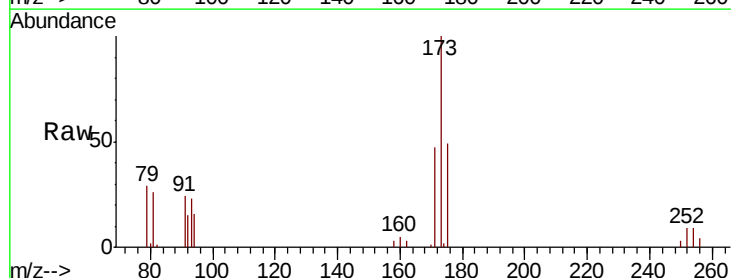
Tgt Ion: 173 Resp: 14981

Ion Ratio Lower Upper

173 100

175 49.4 38.0 57.0

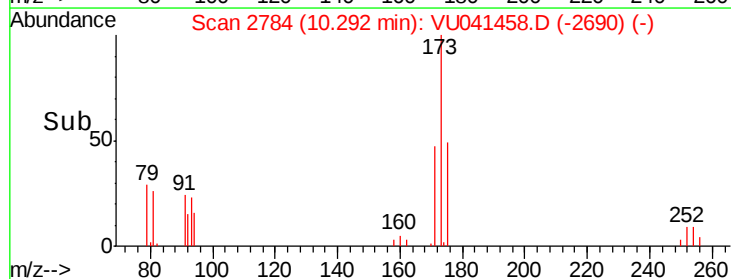
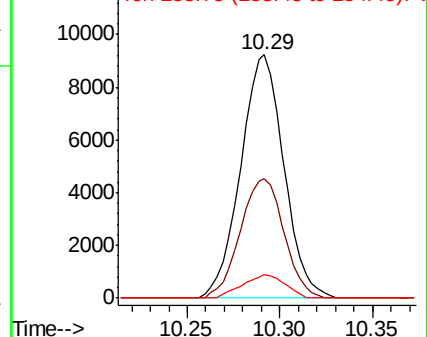
254 9.3 7.7 11.5

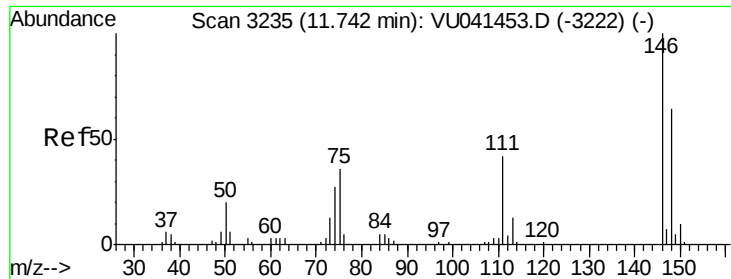


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#62

1,3-Dichlorobenzene

Concen: 5.316 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampled :

VICV06

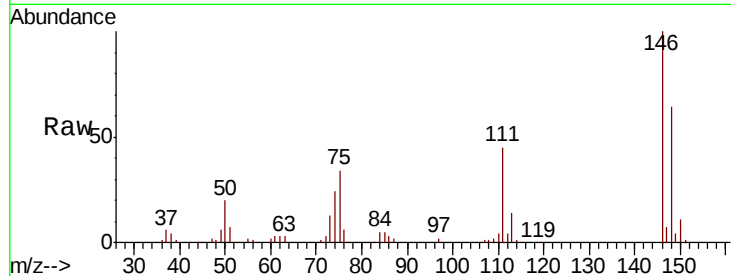
Tot Ion:146 Resp: 52947

Ion Ratio Lower Upper

146 100

111 44.9 29.3 54.3

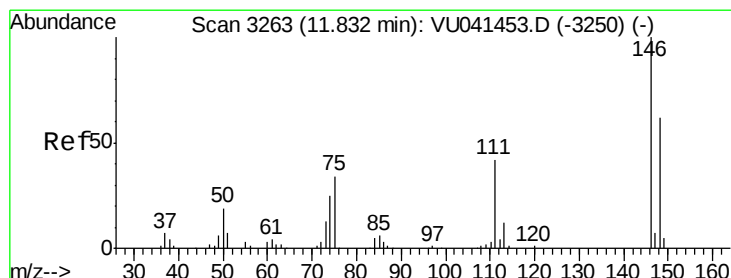
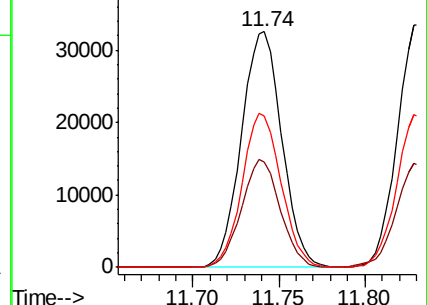
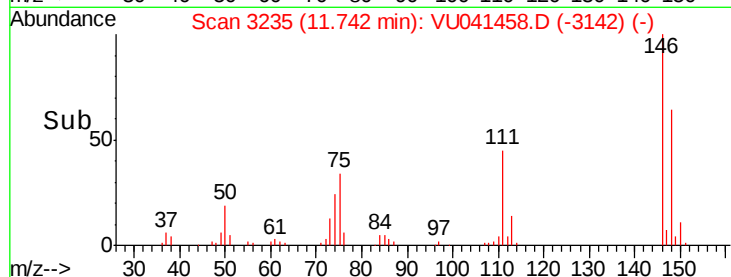
148 64.3 44.7 82.9



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: 5.241 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

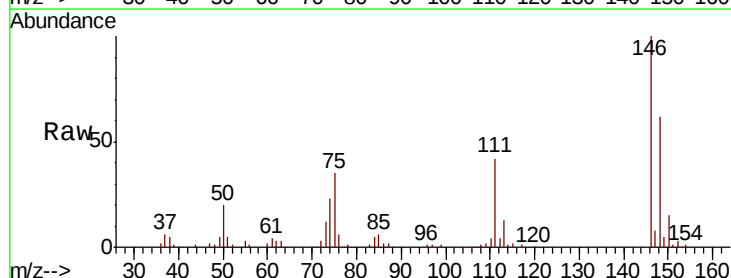
Tgt Ion:146 Resp: 52602

Ion Ratio Lower Upper

146 100

111 41.9 29.8 55.4

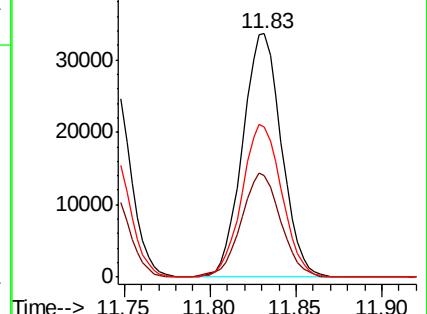
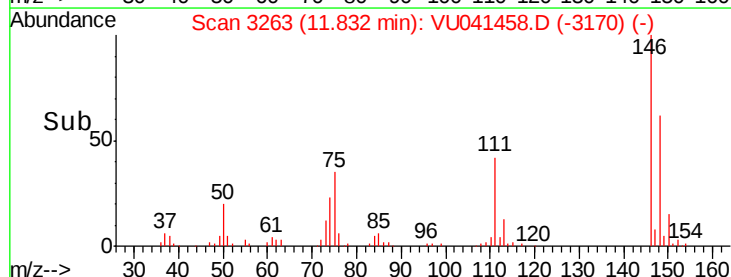
148 61.6 43.1 80.1

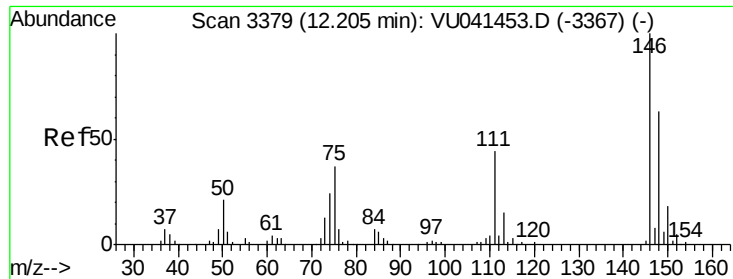


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.309 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VICV06

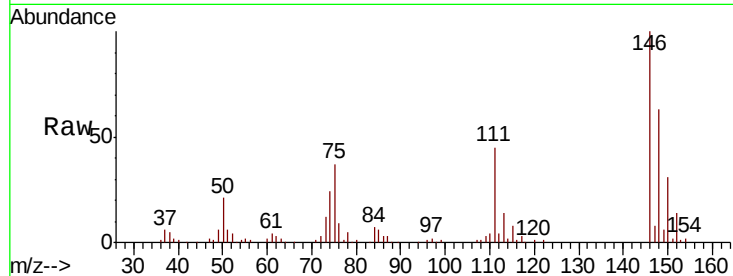
Tot Ion:146 Resp: 51423

Ion Ratio Lower Upper

146 100

111 45.1 35.6 53.4

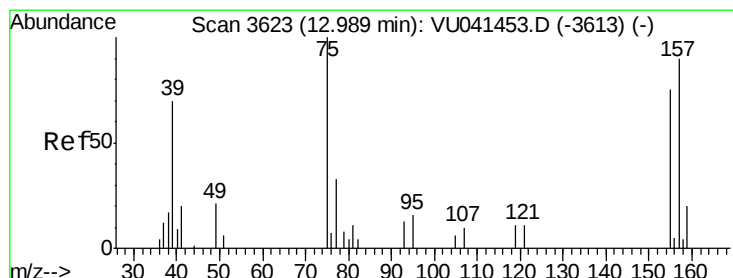
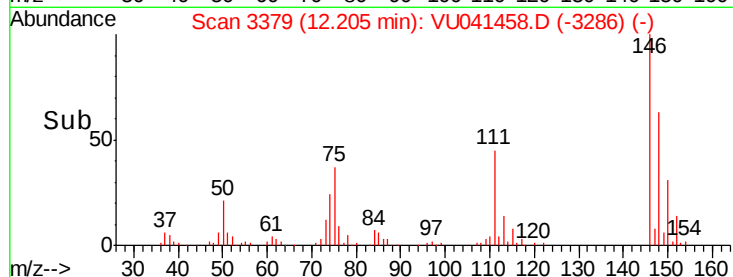
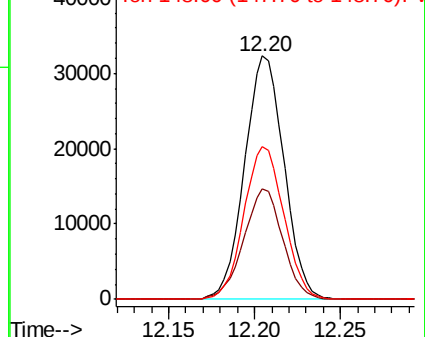
148 62.6 50.8 76.2



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



#66

1,2-Dibromo-3-chloropropane

Concen: 5.263 ug/L

RT: 12.99 min Scan# 3622

Delta R.T. -0.00 min

Lab File: VU041458.D

Acq: 03 Dec 2020 18:42

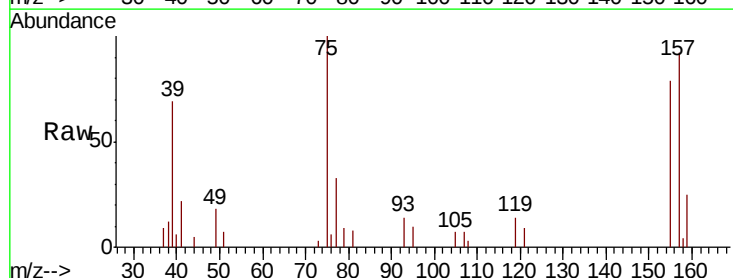
Tgt Ion: 75 Resp: 4915

Ion Ratio Lower Upper

75 100

155 79.5 60.0 90.0

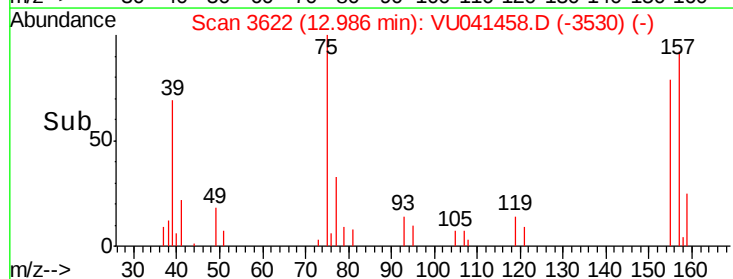
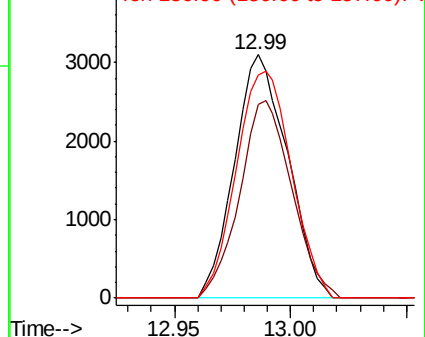
157 91.9 72.3 108.5

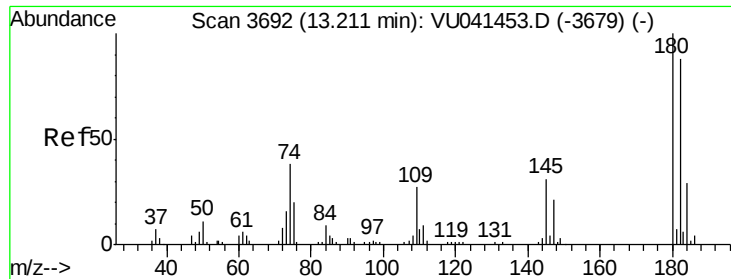


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

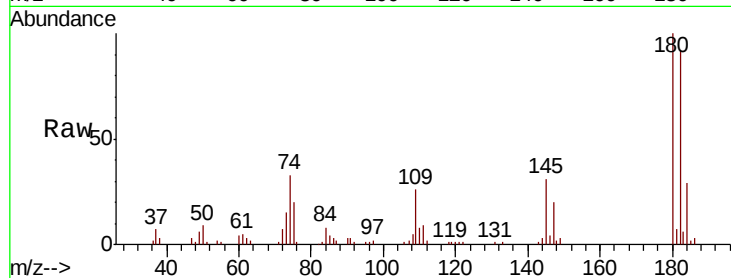




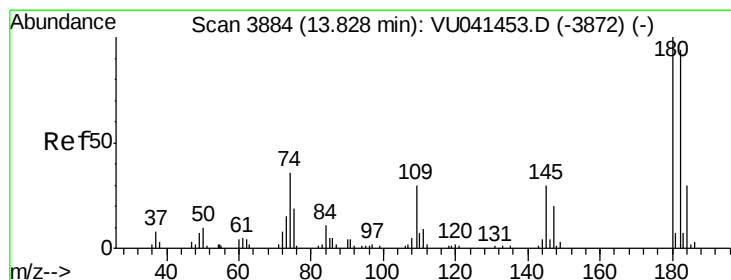
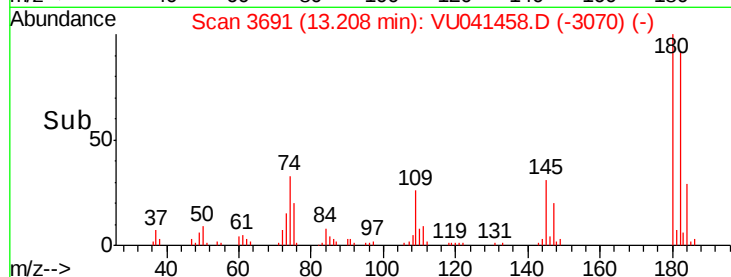
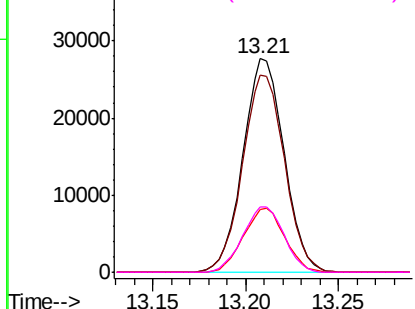
#67
 1,3,5-Trichlorobenzene
 Concen: 5.586 ug/L
 RT: 13.21 min Scan# 3691
 Delta R.T. -0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV06

Tot Ion:180 Resp: 42761
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.2 114.4
 184 30.1 24.3 36.5
 145 30.8 25.7 38.5

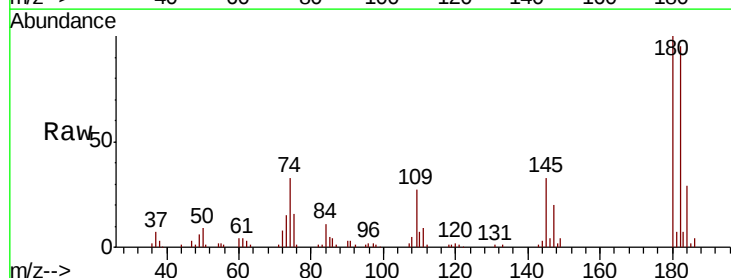


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

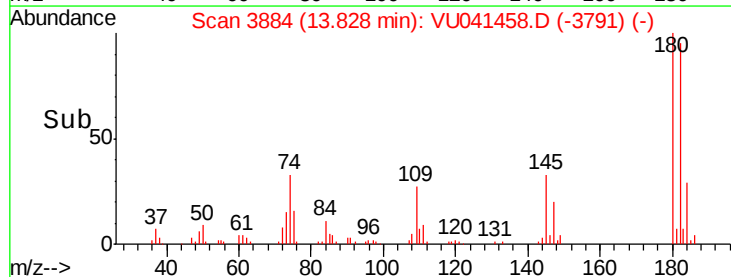
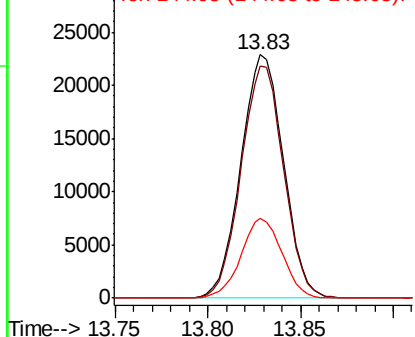


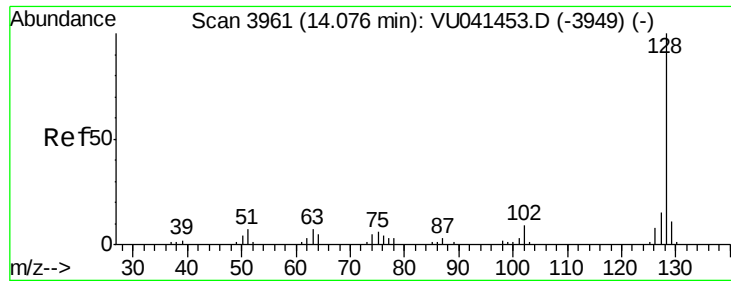
#68
 1,2,4-trichlorobenzene
 Concen: 5.880 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU041458.D
 Acq: 03 Dec 2020 18:42

Tgt Ion:180 Resp: 36575
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.1 114.1
 145 31.3 24.9 37.3



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

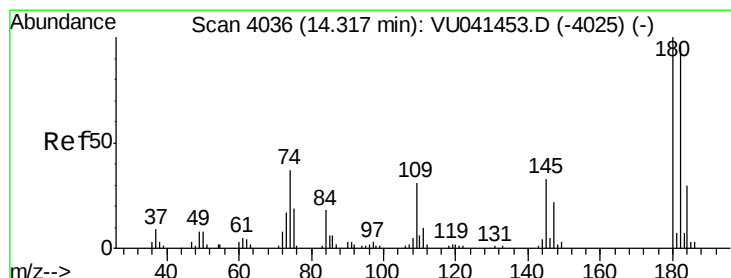
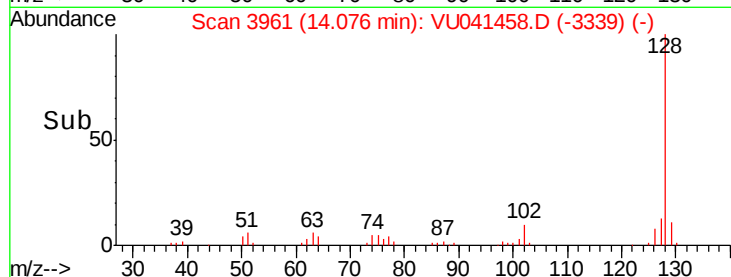
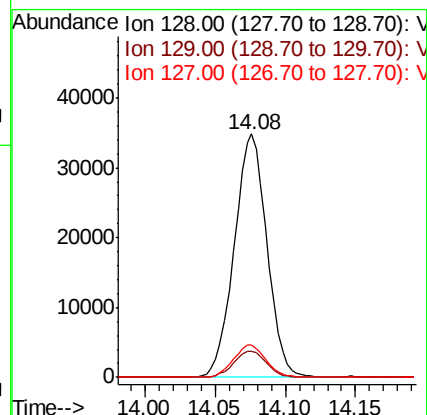
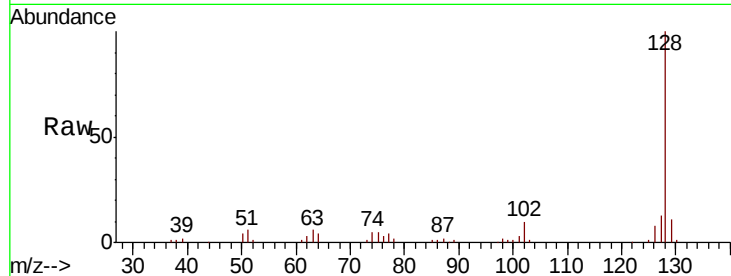




#69
Naphthalene
Concen: 5.564 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Instrument :
MSVOA_Y
ClientSampleId :
VICV06

Tot Ion:128 Resp: 56457
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 11.6 17.4



#70
1,2,3-Trichlorobenzene
Concen: 5.614 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. 0.00 min
Lab File: VU041458.D
Acq: 03 Dec 2020 18:42

Tgt Ion:180 Resp: 32319
Ion Ratio Lower Upper
180 100
182 96.9 75.3 112.9
145 37.0 26.9 40.3

