

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092420\
 Data File : VU040265.D
 Acq On : 24 Sep 2020 11:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

Quant Time: Sep 25 09:41:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM092420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 09:34:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	434861	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	415312	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	215503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	168850	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.38%
7) Chloroethane-d5	1.92	69	128567	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.82%
11) 1,1-Dichloroethene-d2	2.58	63	335645	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.52%
21) 2-Butanone-d5	4.64	46	306861	100.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.15%
24) Chloroform-d	5.08	84	306102	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.72	65	214593	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
32) Benzene-d6	5.74	84	581550	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
36) 1,2-Dichloropropane-d6	6.70	67	193201	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.90	98	534936	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	8.18	79	102127	50.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.88%
47) 2-Hexanone-d5	8.64	63	186858	105.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.93%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	274566	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
66) 1,2-Dichlorobenzene-d4	12.19	152	202586	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	150021	48.451	ug/L	100
3) Chloromethane	1.52	50	173290	46.232	ug/L	98
5) Vinyl chloride	1.61	62	175471	46.899	ug/L	100
6) Bromomethane	1.86	94	96863	50.116	ug/L	99
8) Chloroethane	1.94	64	109795	45.700	ug/L	99
9) Trichlorofluoromethane	2.14	101	241775	46.609	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	155244	47.013	ug/L	99
12) 1,1-Dichloroethene	2.59	96	145538	47.191	ug/L	94
13) Acetone	2.63	43	302546	92.927	ug/L	98
14) Carbon disulfide	2.80	76	464643	47.341	ug/L	99
15) Methyl Acetate	2.96	43	239244	49.016	ug/L	100
16) Methylene chloride	3.06	84	169542	46.392	ug/L	98
17) trans-1,2-Dichloroethene	3.37	96	153670	48.163	ug/L	97
18) Methyl tert-butyl Ether	3.38	73	510808	48.661	ug/L	100
19) 1,1-Dichloroethane	3.89	63	312324	46.694	ug/L	99
20) cis-1,2-Dichloroethene	4.68	96	167771	48.053	ug/L	97
22) 2-Butanone	4.71	43	375716	97.273	ug/L	99

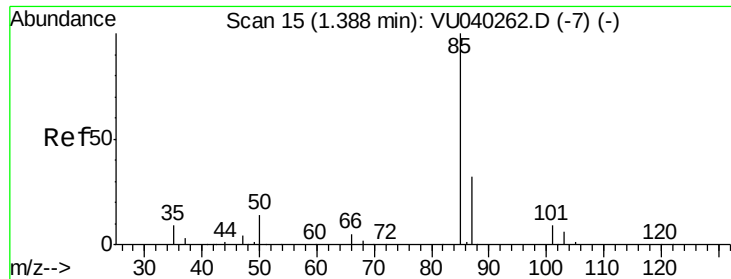
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092420\
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 09:34:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	84396	46.101	ug/L	99
25) Chloroform	5.11	83	304875	45.119	ug/L	99
27) 1,2-Dichloroethane	5.81	62	265226	46.409	ug/L	99
29) Cyclohexane	5.40	56	294749	51.342	ug/L	99
30) 1,1,1-Trichloroethane	5.33	97	265732	48.826	ug/L	99
31) Carbon tetrachloride	5.54	117	228877	48.652	ug/L	99
33) Benzene	5.79	78	666997	48.619	ug/L	100
34) Trichloroethene	6.55	95	171136	48.703	ug/L	99
35) Methylcyclohexane	6.77	83	273577	50.657	ug/L	100
37) 1,2-Dichloropropane	6.80	63	184297	47.757	ug/L	100
38) Bromodichloromethane	7.11	83	234245	47.847	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	280636	50.457	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	634027	101.167	ug/L	99
42) Toluene	7.97	91	695234	50.115	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	284181	50.523	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	161549	48.205	ug/L	98
46) Tetrachloroethene	8.56	164	122005	49.561	ug/L	97
48) 2-Hexanone	8.69	43	526886	104.982	ug/L	99
49) Dibromochloromethane	8.81	129	177179	48.231	ug/L	99
50) 1,2-Dibromoethane	8.93	107	172079	47.838	ug/L	99
51) Chlorobenzene	9.45	112	438119	47.893	ug/L	99
52) Ethylbenzene	9.57	91	777017	50.288	ug/L	99
53) m,p-Xylene	9.69	106	289854	51.603	ug/L	97
54) o-xylene	10.10	106	278554	50.768	ug/L	95
55) Styrene	10.11	104	487852	51.966	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	281994	47.834	ug/L	99
59) Bromoform	10.29	173	125735	47.771	ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	239251	46.903	ug/L	99
61) Isopropylbenzene	10.48	105	754286	50.530	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	635577	52.120	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	652474	52.794	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	341520	48.354	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	355346	48.422	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	347118	49.347	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	73481	51.097	ug/L	99
69) 1,3,5-Trichlorobenzene	13.21	180	243602	52.924	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	221838	55.813	ug/L	100
71) Naphthalene	14.08	128	790551	64.245	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	225077	57.414	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 48.451 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

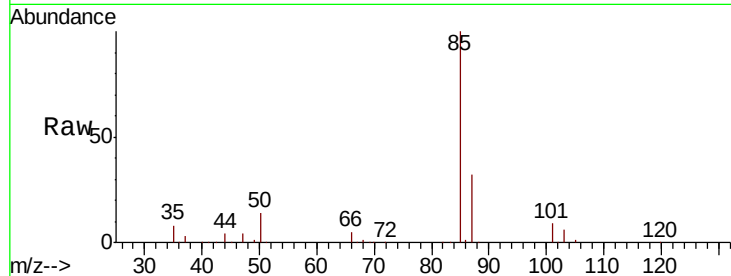
VICV206

Tot Ion: 85 Resp: 150021

Ion Ratio Lower Upper

85 100

87 31.9 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

1.39

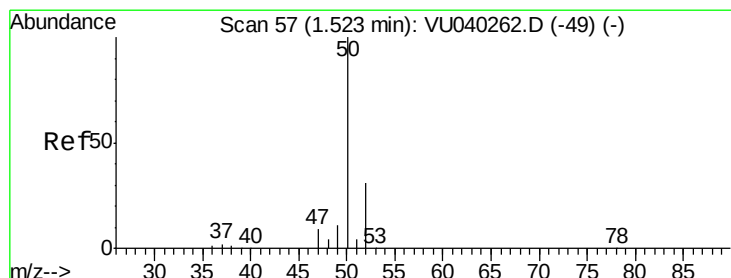
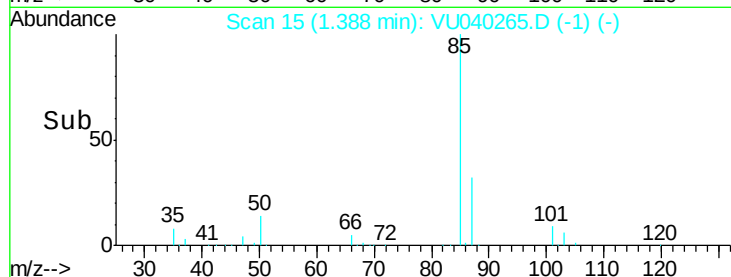
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 46.232 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU040265.D

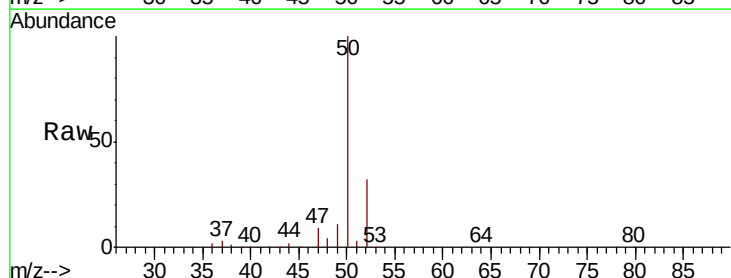
Acq: 24 Sep 2020 11:34

Tgt Ion: 50 Resp: 173290

Ion Ratio Lower Upper

50 100

52 32.1 21.8 40.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.52

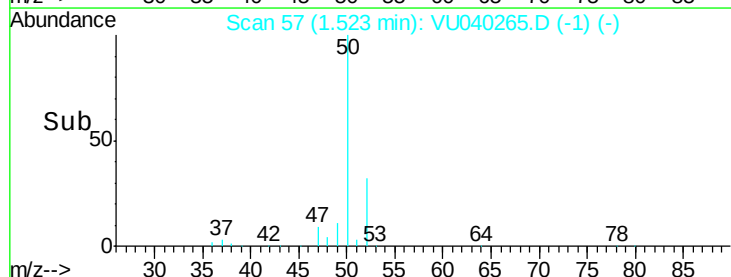
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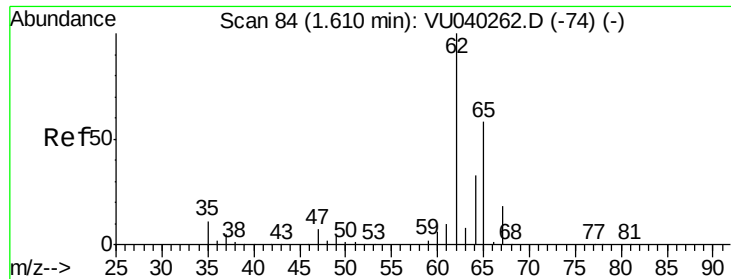
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 46.899 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

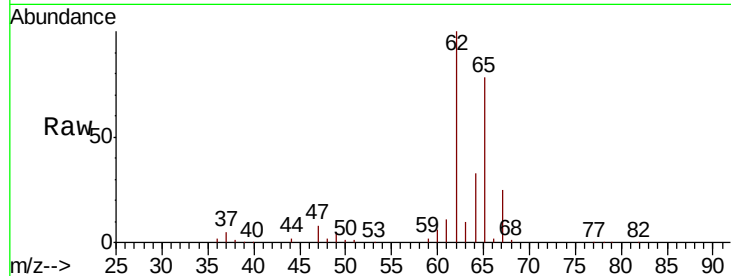
VICV206

Tot Ion: 62 Resp: 175471

Ion Ratio Lower Upper

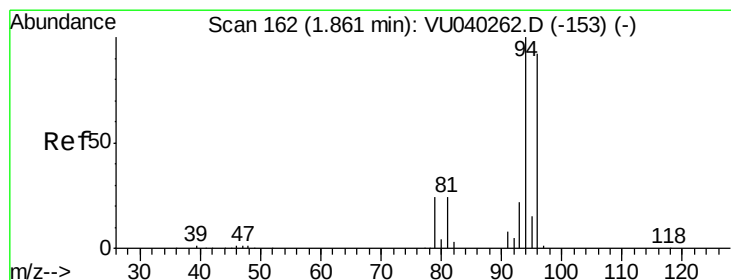
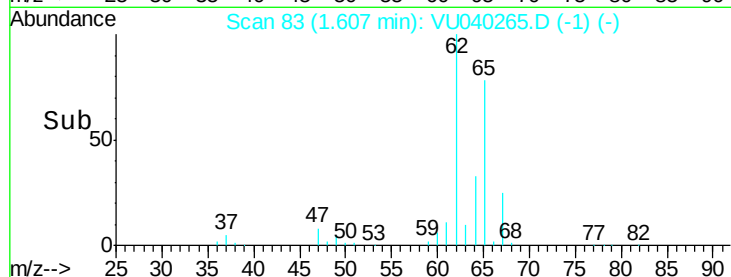
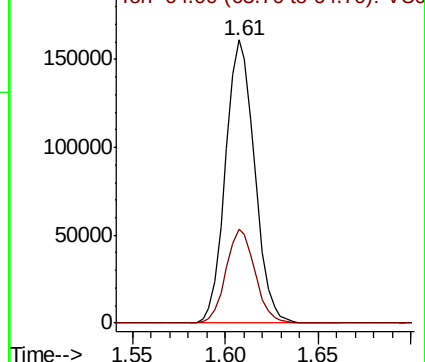
62 100

64 33.3 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#6

Bromomethane

Concen: 50.116 ug/L

RT: 1.86 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU040265.D

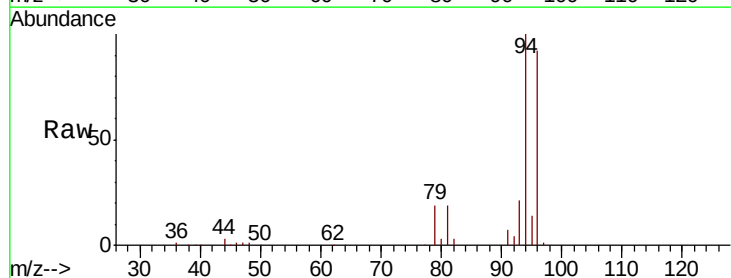
Acq: 24 Sep 2020 11:34

Tgt Ion: 94 Resp: 96863

Ion Ratio Lower Upper

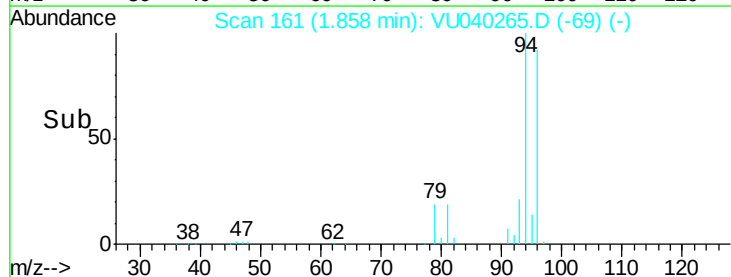
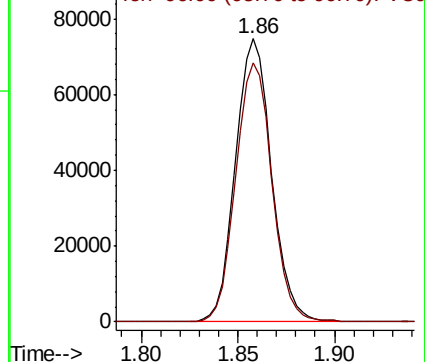
94 100

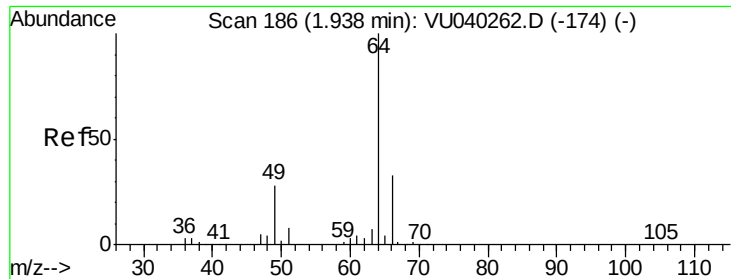
96 91.7 64.7 120.1



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 45.700 ug/L

RT: 1.94 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

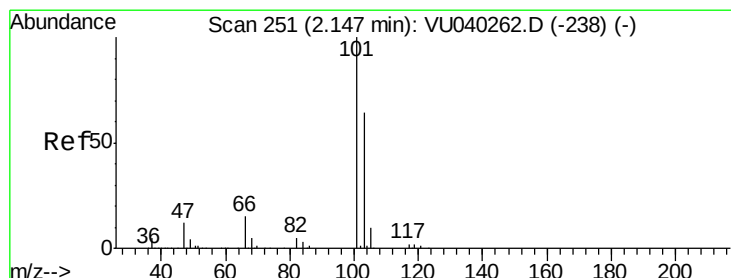
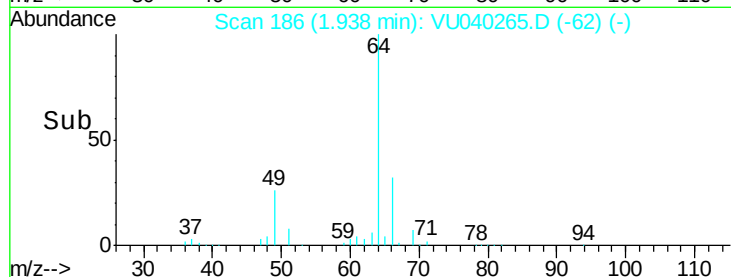
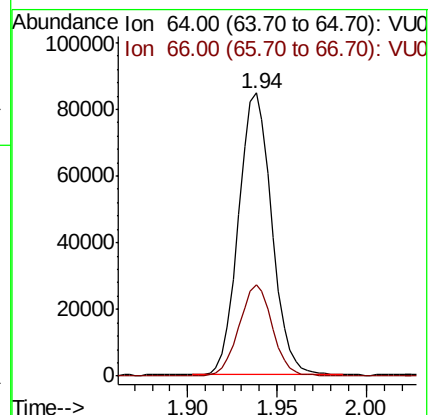
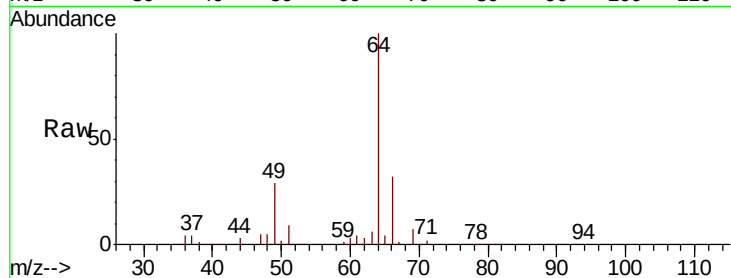
VICV206

Tot Ion: 64 Resp: 109795

Ion Ratio Lower Upper

64 100

66 32.2 22.8 42.4



#9

Trichlorofluoromethane

Concen: 46.609 ug/L

RT: 2.14 min Scan# 250

Delta R.T. -0.00 min

Lab File: VU040265.D

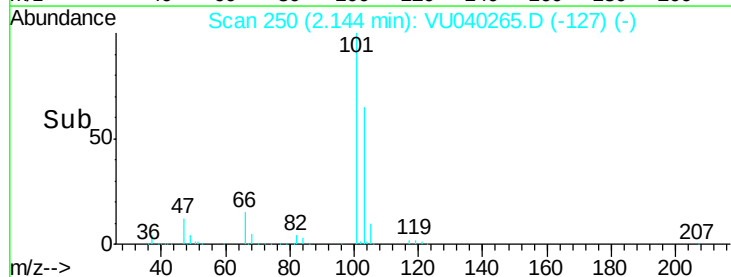
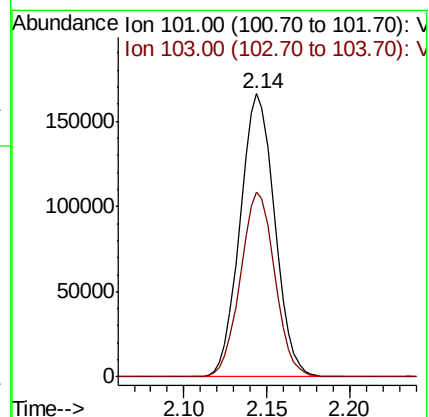
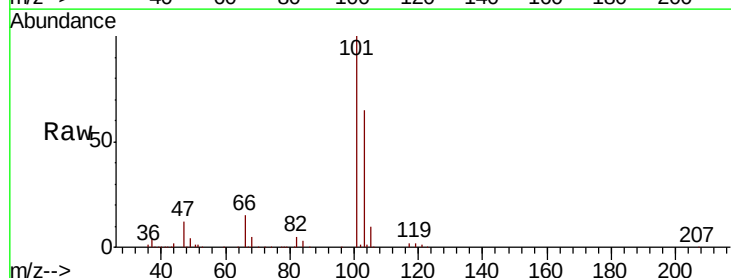
Acq: 24 Sep 2020 11:34

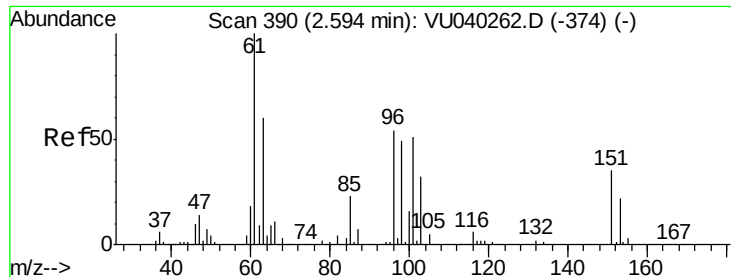
Tgt Ion: 101 Resp: 241775

Ion Ratio Lower Upper

101 100

103 64.5 50.9 76.3





#10

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

Concen: 47.013 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampled :

VICV206

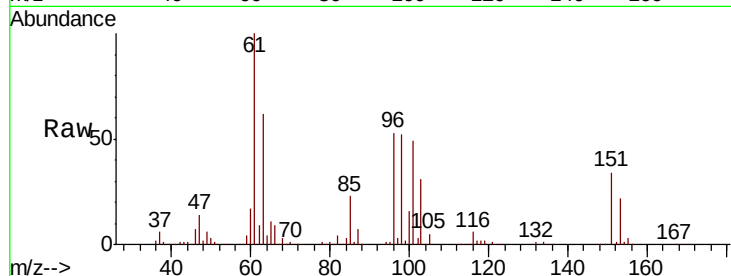
Tot Ion:101 Resp: 155244

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

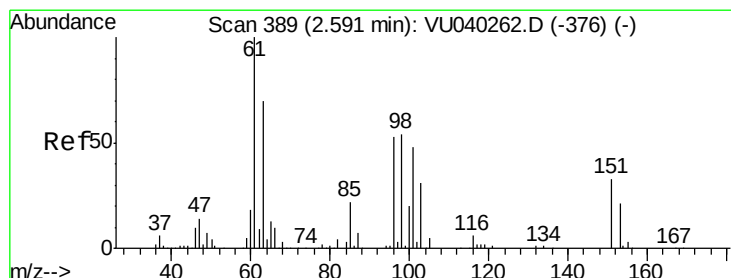
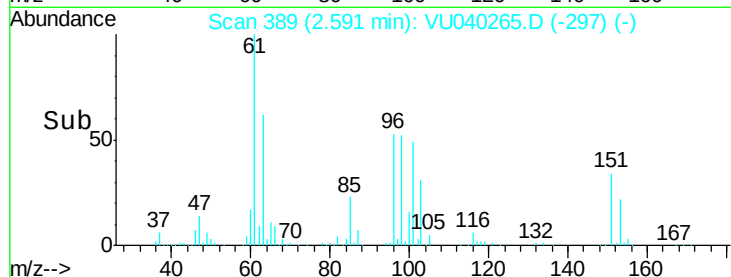
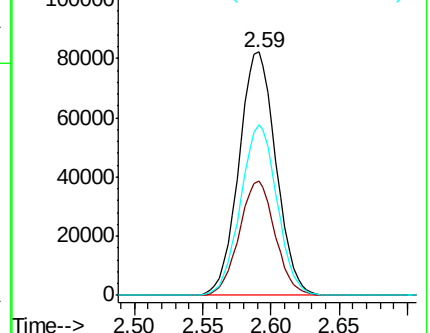
151 68.8 54.5 81.7



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: 47.191 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

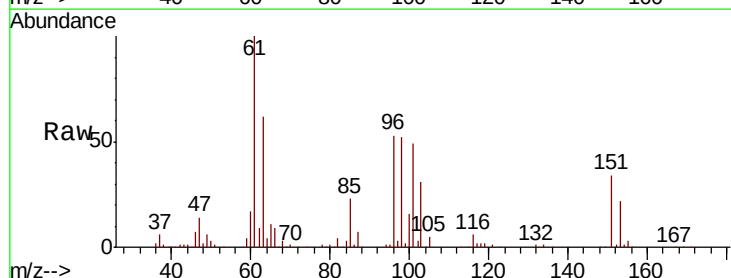
Tgt Ion: 96 Resp: 145538

Ion Ratio Lower Upper

96 100

61 188.4 131.8 244.8

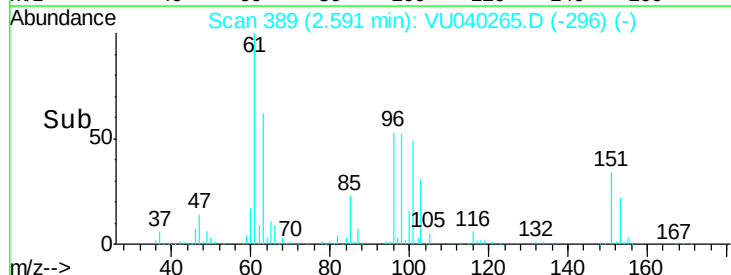
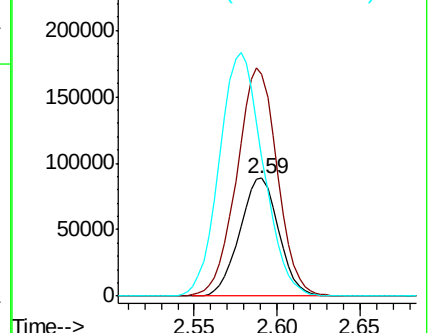
63 117.6 94.1 174.7

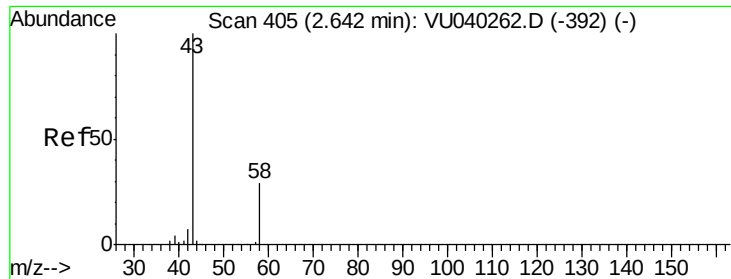


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 92.927 ug/L

RT: 2.63 min Scan# 402

Delta R.T. -0.01 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

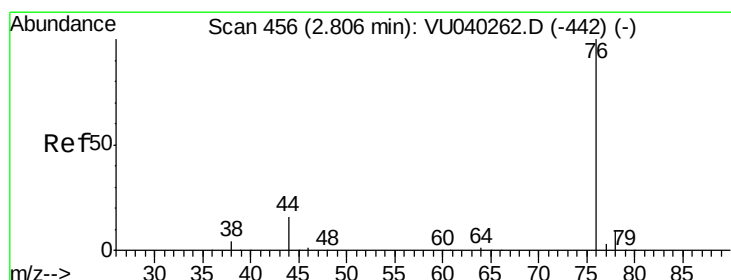
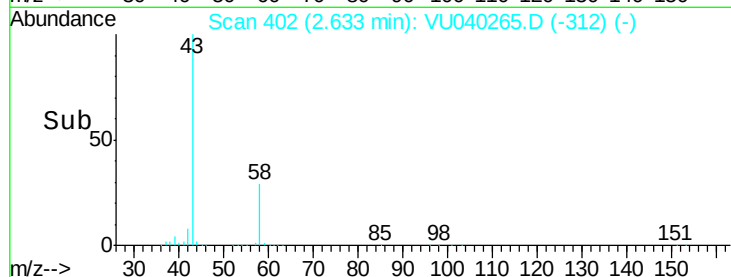
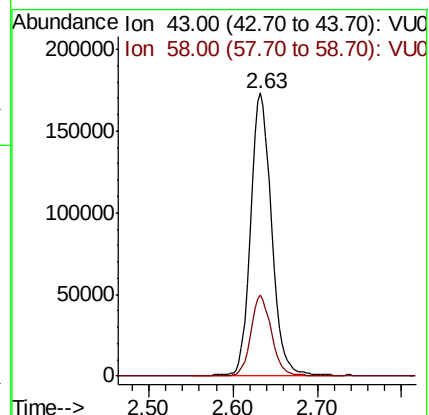
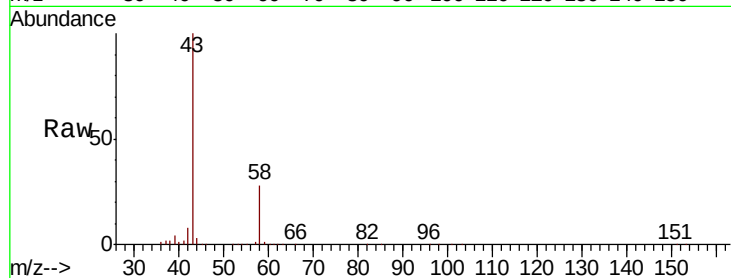
VICV206

Tot Ion: 43 Resp: 302546

Ion Ratio Lower Upper

43 100

58 28.2 0.0 58.2



#14

Carbon disulfide

Concen: 47.341 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040265.D

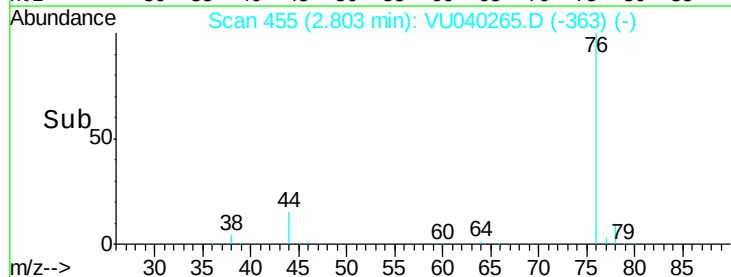
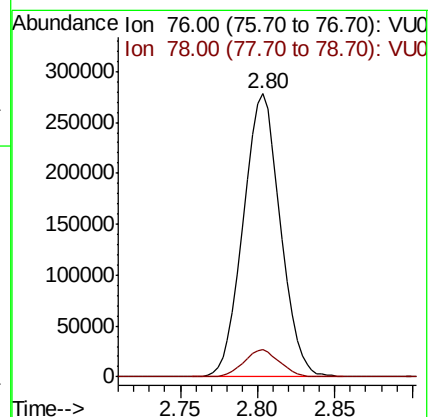
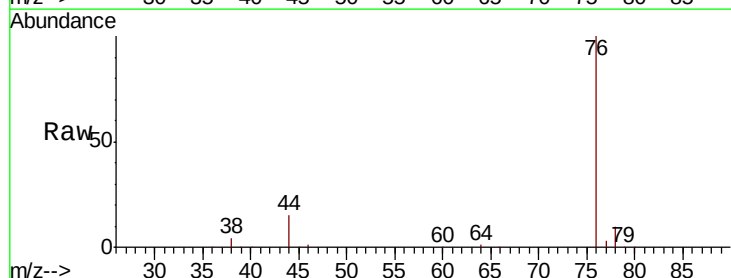
Acq: 24 Sep 2020 11:34

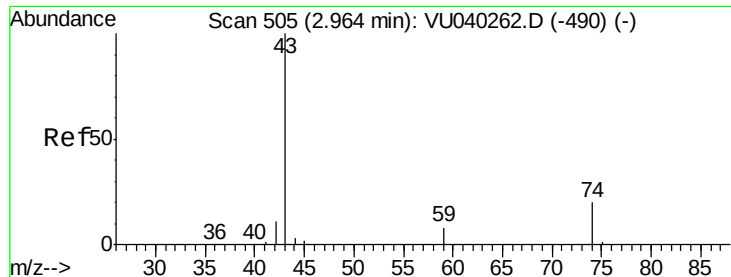
Tgt Ion: 76 Resp: 464643

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

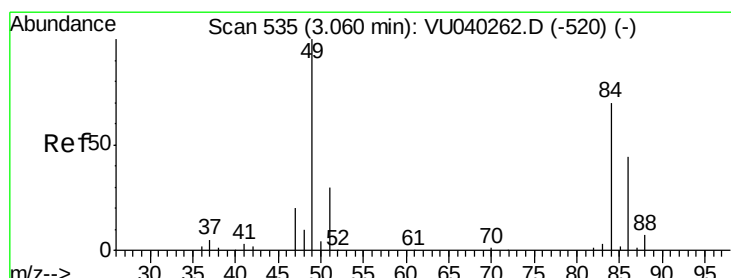
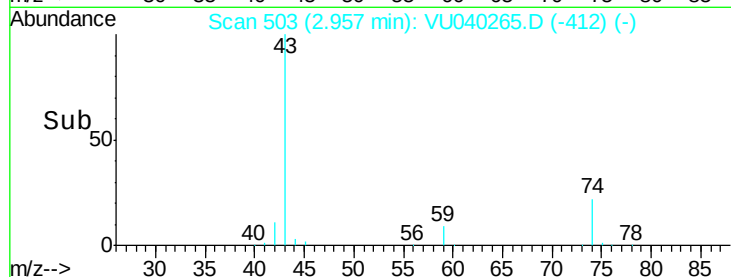
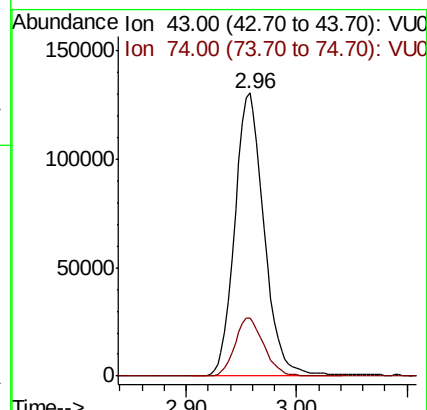
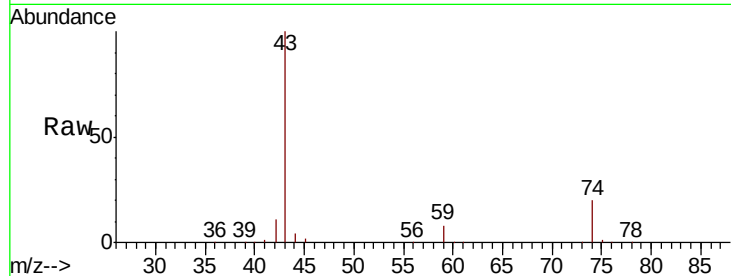




#15
Methvl Acetate
Concen: 49.016 ug/L
RT: 2.96 min Scan# 503
Delta R.T. -0.01 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

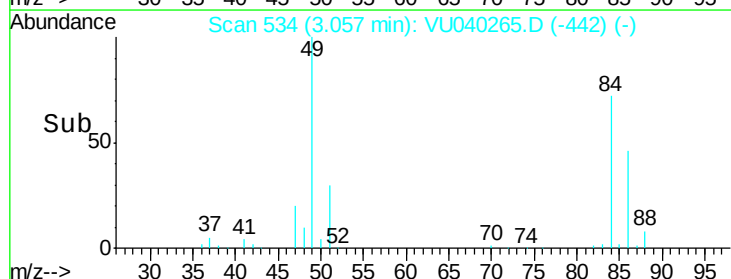
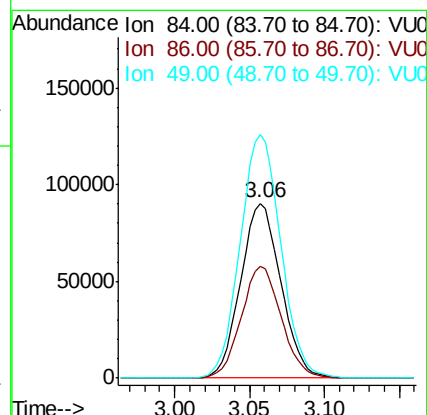
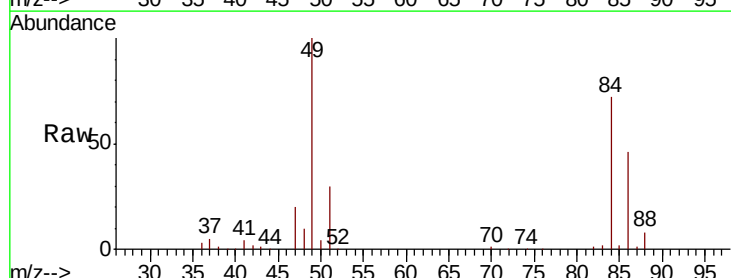
Instrument :
MSVOA_U
ClientSampleId :
VICV206

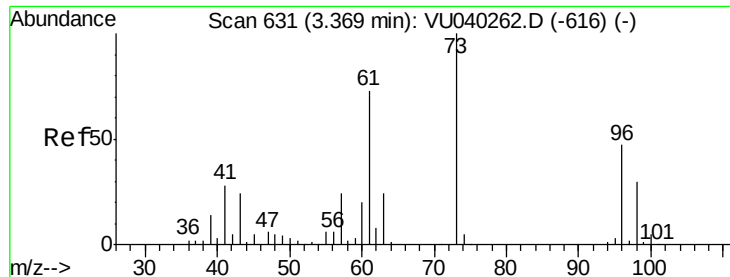
Tot Ion: 43 Resp: 239244
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4



#16
Methylene chloride
Concen: 46.392 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

Tgt Ion: 84 Resp: 169542
Ion Ratio Lower Upper
84 100
86 64.3 43.9 81.5
49 139.3 99.7 185.1





#17

trans-1,2-Dichloroethene

Concen: 48.163 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampled :

VICV206

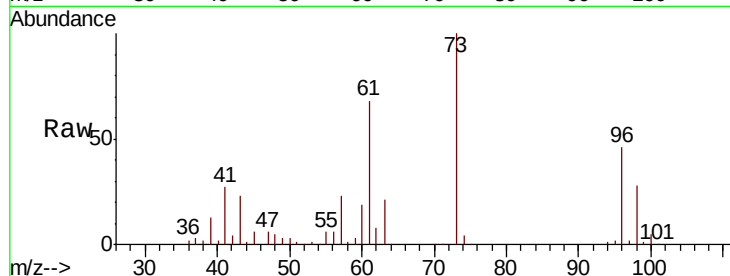
Tot Ion: 96 Resp: 153670

Ion Ratio Lower Upper

96 100

61 149.6 108.1 200.9

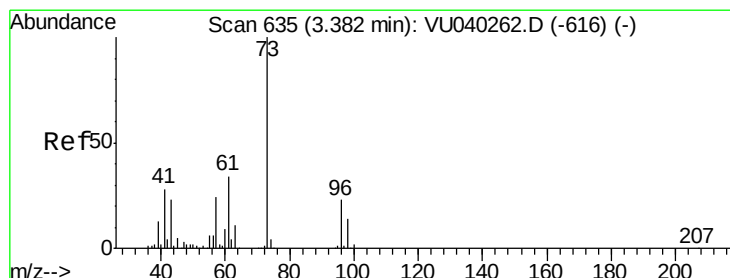
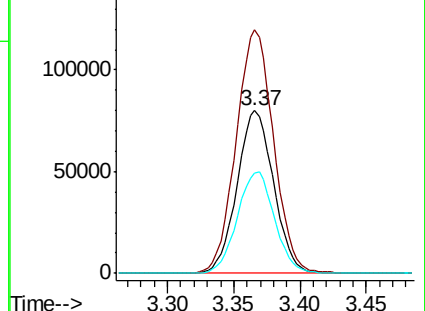
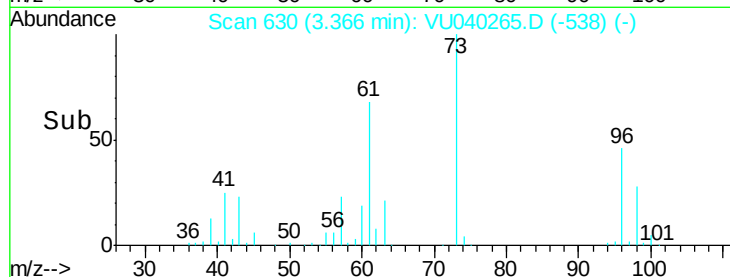
98 61.9 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VU040265.D (-538) (-)

Ion 61.00 (60.70 to 61.70): VU040265.D (-538) (-)

Ion 98.00 (97.70 to 98.70): VU040265.D (-538) (-)



#18

Methyl tert-butyl Ether

Concen: 48.661 ug/L

RT: 3.38 min Scan# 633

Delta R.T. -0.01 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

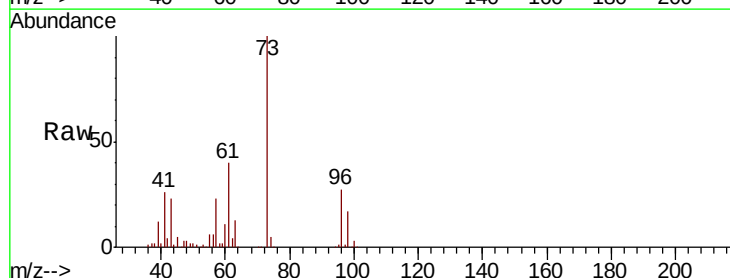
Tgt Ion: 73 Resp: 510808

Ion Ratio Lower Upper

73 100

43 23.1 18.5 27.7

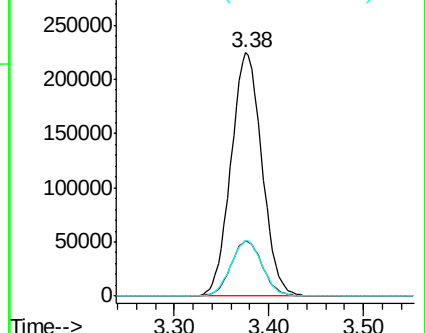
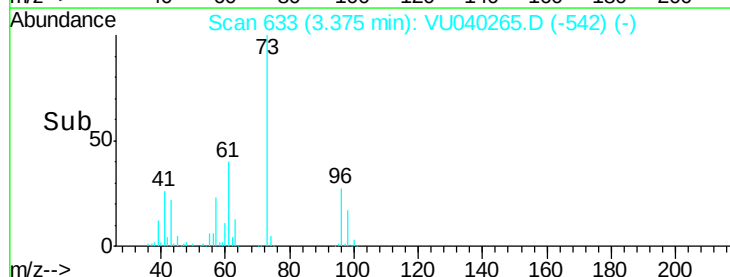
57 23.1 18.8 28.2

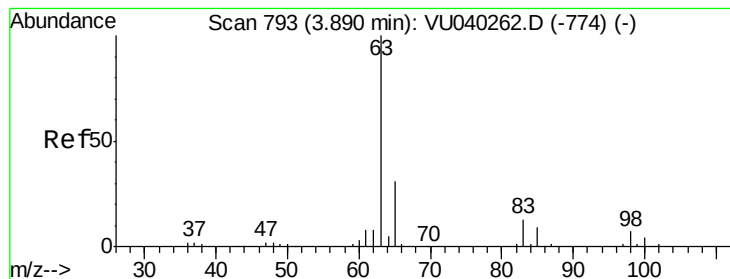


Abundance Ion 73.00 (72.70 to 73.70): VU040265.D (-542) (-)

Ion 43.00 (42.70 to 43.70): VU040265.D (-542) (-)

Ion 57.00 (56.70 to 57.70): VU040265.D (-542) (-)





#19

1,1-Dichloroethane

Concen: 46.694 ug/L

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

VICV206

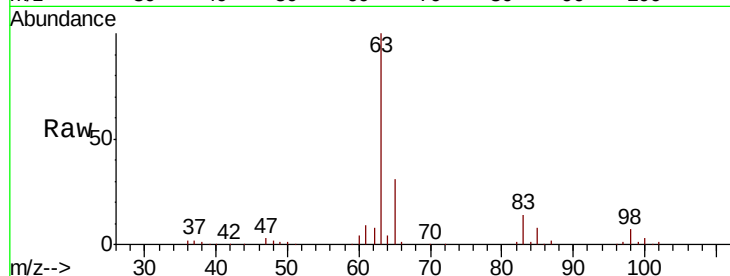
Tot Ion: 63 Resp: 312324

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

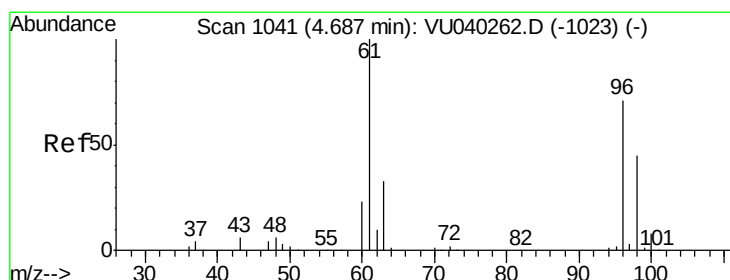
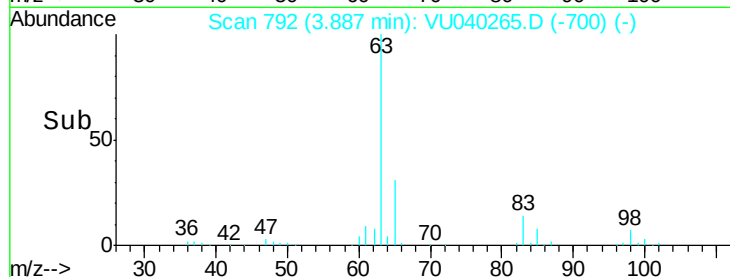
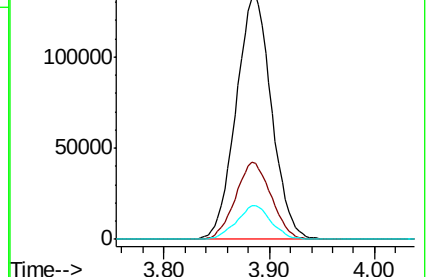
83 14.1 8.9 16.5



Abundance Ion 63.00 (62.70 to 63.70): VU040262.D (-774) (-)

Ion 65.00 (64.70 to 65.70): VU040262.D (-774) (-)

Ion 83.00 (82.70 to 83.70): VU040262.D (-774) (-)



#20

cis-1,2-Dichloroethene

Concen: 48.053 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

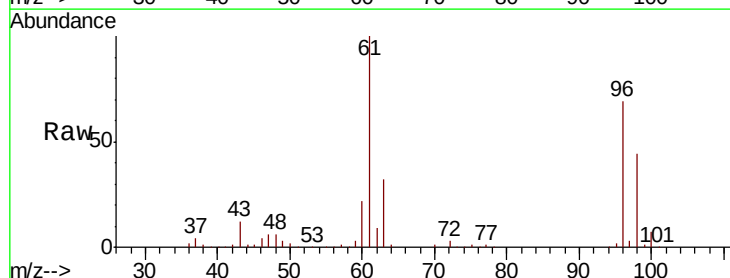
Tgt Ion: 96 Resp: 167771

Ion Ratio Lower Upper

96 100

61 144.7 98.6 183.0

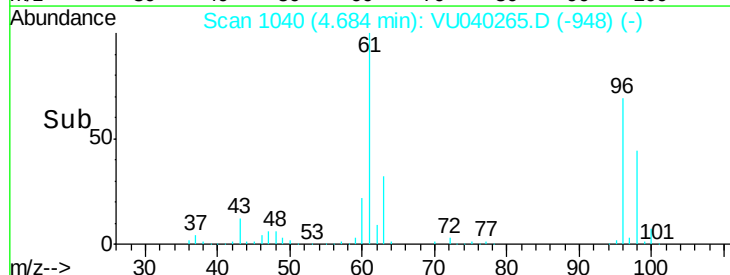
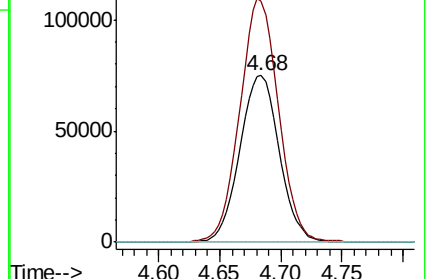
68 0.0 0.0 0.0

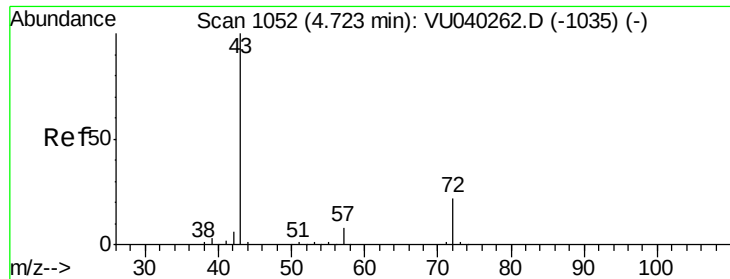


Abundance Ion 96.00 (95.70 to 96.70): VU040262.D (-1023) (-)

Ion 61.00 (60.70 to 61.70): VU040262.D (-1023) (-)

Ion 68.00 (67.70 to 68.70): VU040262.D (-1023) (-)





#22

2-Butanone

Concen: 97.273 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

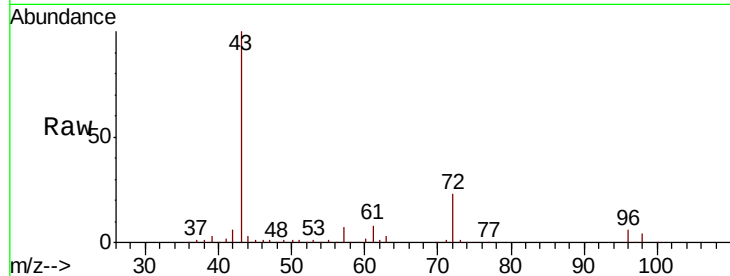
VICV206

Tot Ion: 43 Resp: 375716

Ion Ratio Lower Upper

43 100

72 23.6 11.5 34.4



Abundance Ion 43.00 (42.70 to 43.70): VU040265.D (-959) (-)

Ion 72.00 (71.70 to 72.70): VU040265.D (-959) (-)

4.71

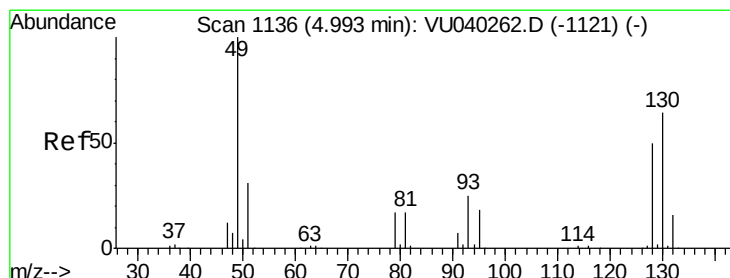
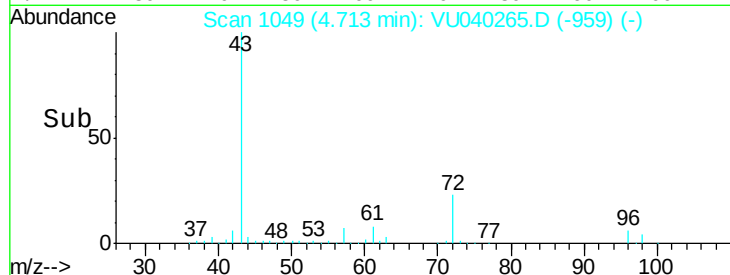
150000

100000

50000

0

Time--> 4.60 4.70 4.80



#23

Bromochloromethane

Concen: 46.101 ug/L

RT: 4.99 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Tgt Ion: 128 Resp: 84396

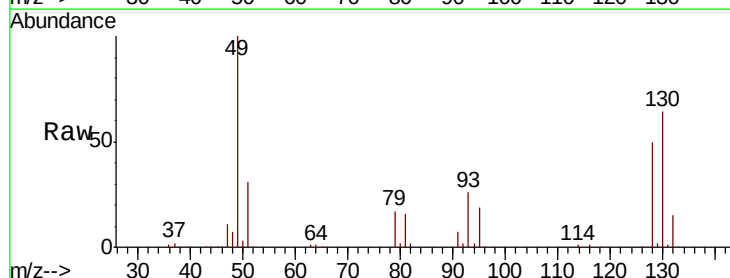
Ion Ratio Lower Upper

128 100

49 200.2 140.8 261.4

130 128.1 89.2 165.6

51 61.1 50.2 75.4



Abundance Ion 128.00 (127.70 to 128.70): VU040265.D (-1043) (-)

Ion 49.00 (48.70 to 49.70): VU040265.D (-1043) (-)

Ion 130.00 (129.70 to 130.70): VU040265.D (-1043) (-)

Ion 51.00 (50.70 to 51.70): VU040265.D (-1043) (-)

120000

100000

80000

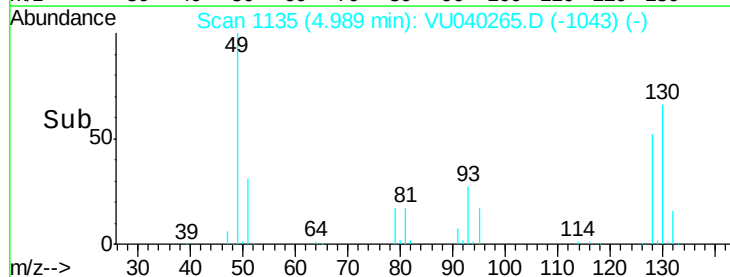
60000

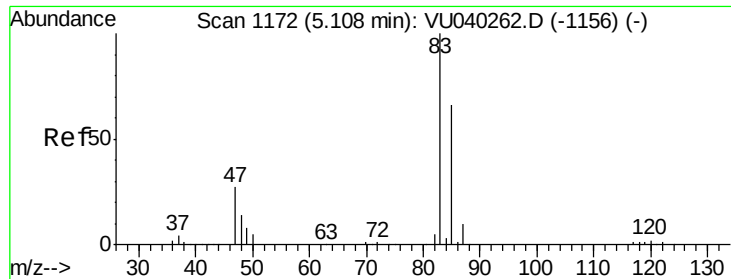
40000

20000

0

Time--> 4.90 4.95 5.00 5.05 5.10

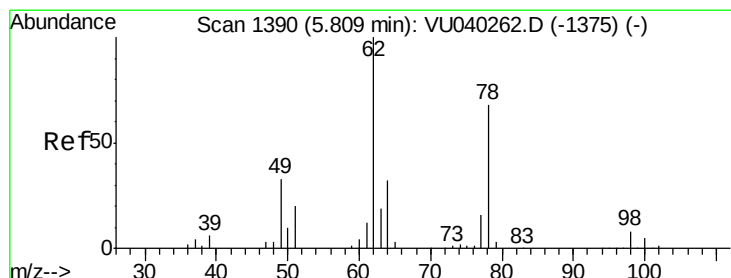
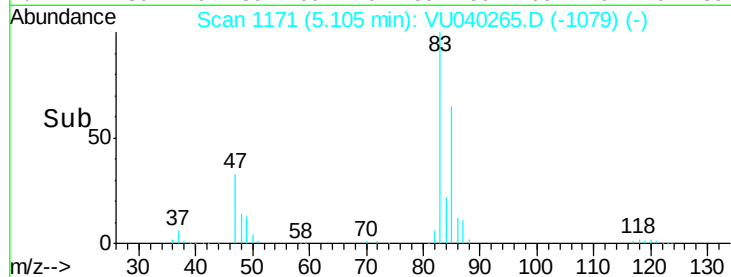
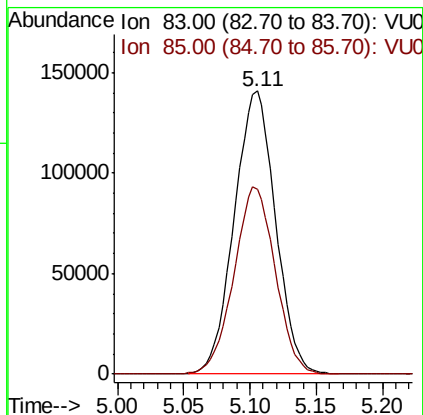
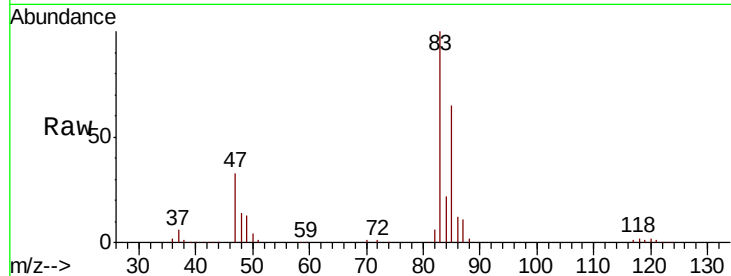




#25
Chloroform
Concen: 45.119 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

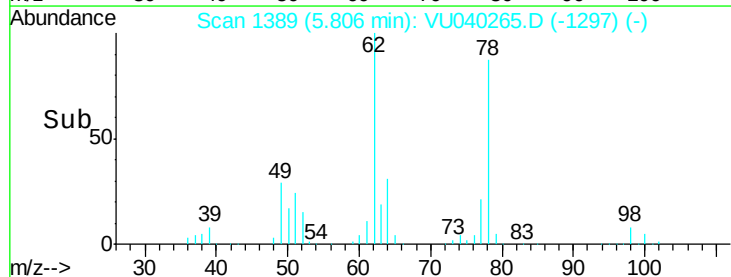
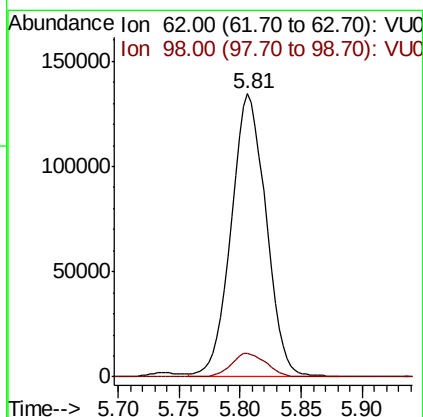
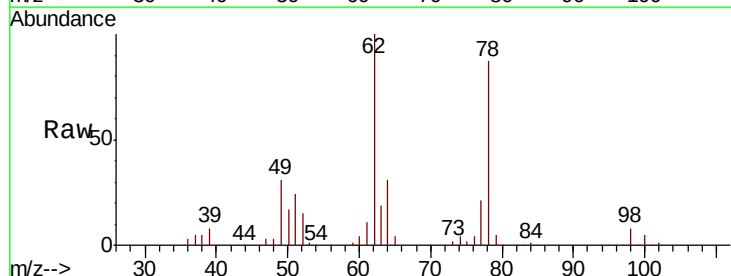
Instrument :
MSVOA_U
ClientSampleId :
VICV206

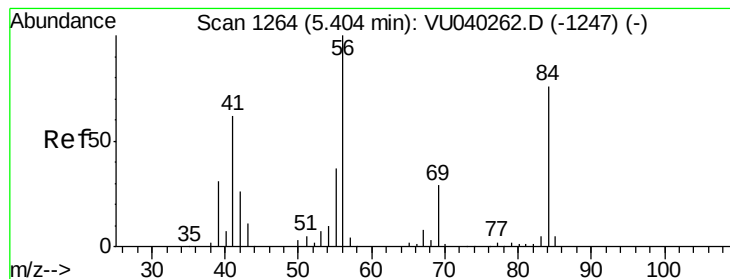
Tot Ion: 83 Resp: 304875
Ion Ratio Lower Upper
83 100
85 65.4 46.4 86.2



#27
1,2-Dichloroethane
Concen: 46.409 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

Tgt Ion: 62 Resp: 265226
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7





#29

Cyclohexane

Concen: 51.342 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

VICV206

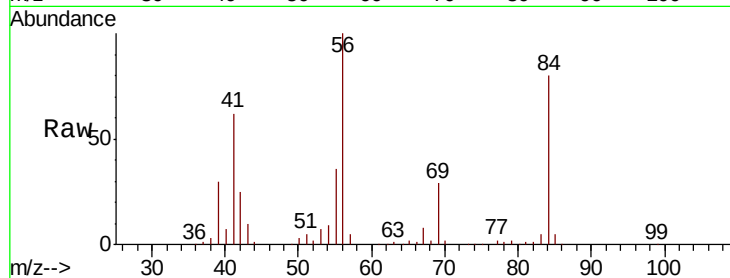
Tot Ion: 56 Resp: 294749

Ion Ratio Lower Upper

56 100

69 29.1 22.6 33.8

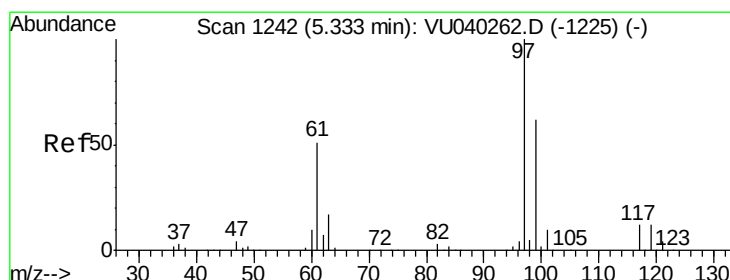
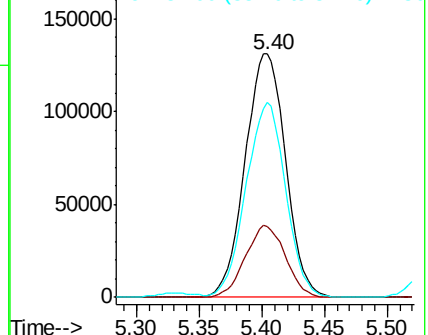
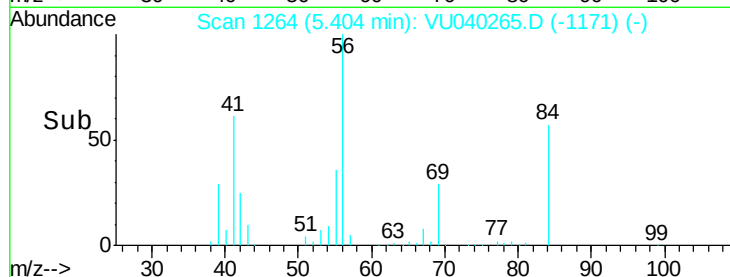
84 78.4 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VU040265.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU040265.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU040265.D (-1171) (-)



#30

1,1,1-Trichloroethane

Concen: 48.826 ug/L

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

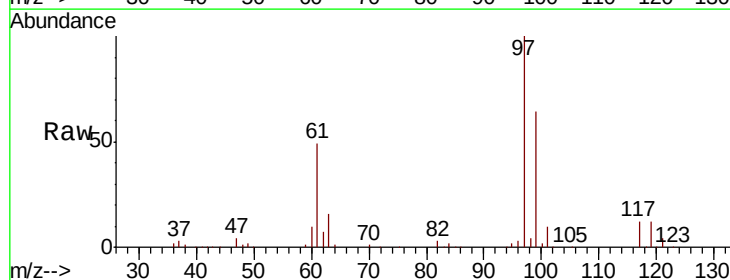
Tgt Ion: 97 Resp: 265732

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

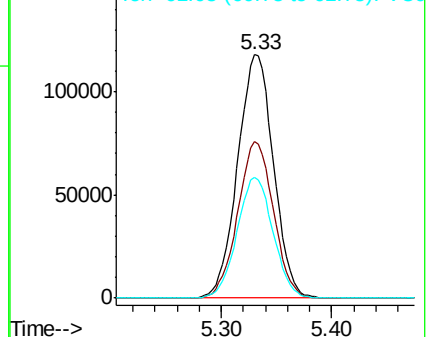
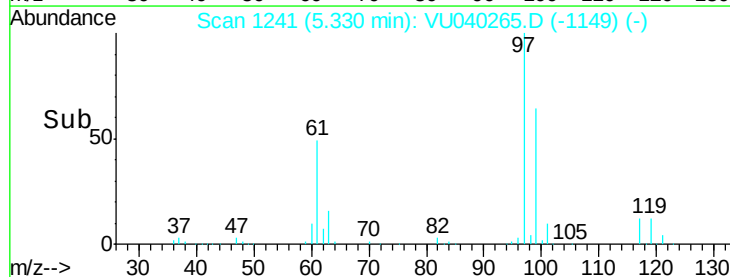
61 49.6 40.2 60.4

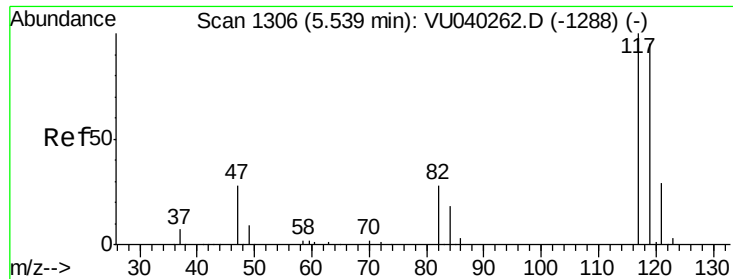


Abundance Ion 97.00 (96.70 to 97.70): VU040265.D (-1149) (-)

Ion 99.00 (98.70 to 99.70): VU040265.D (-1149) (-)

Ion 61.05 (60.75 to 61.75): VU040265.D (-1149) (-)





#31

Carbon tetrachloride

Concen: 48.652 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

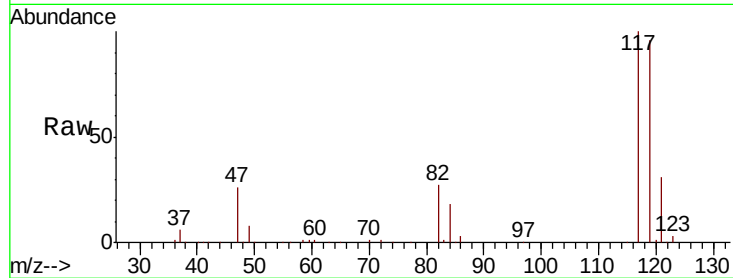
VICV206

Tot Ion:117 Resp: 228877

Ion Ratio Lower Upper

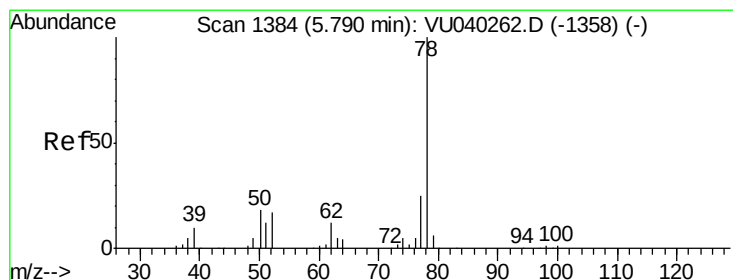
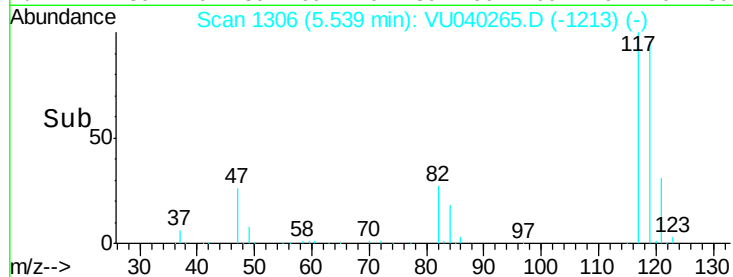
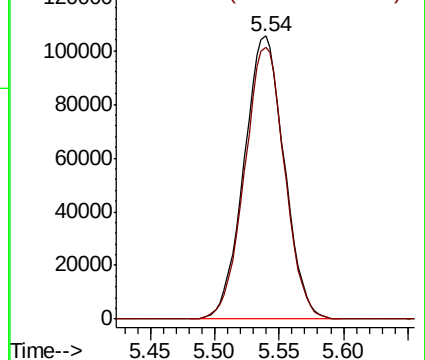
117 100

119 95.9 77.4 116.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 48.619 ug/L

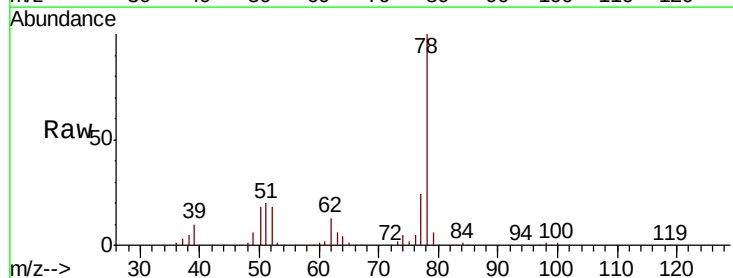
RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

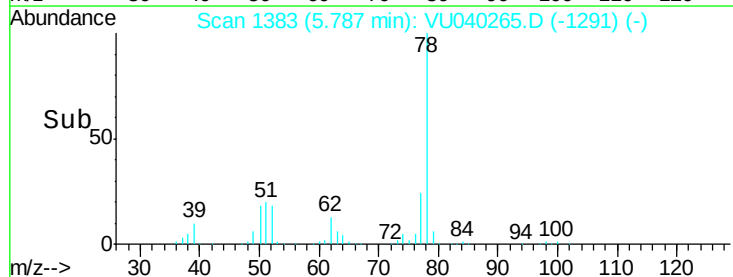
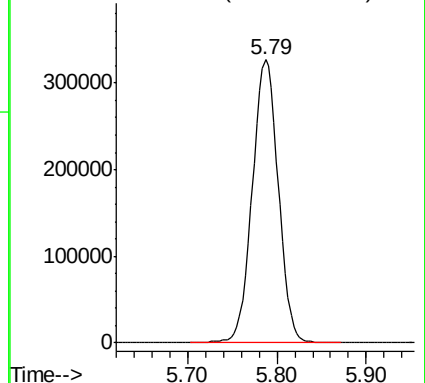
Lab File: VU040265.D

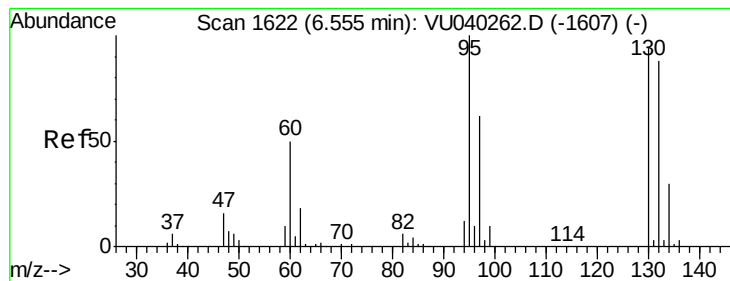
Acq: 24 Sep 2020 11:34

Tgt Ion: 78 Resp: 666997



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 48.703 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampled :

VICV206

Tot Ion: 95 Resp: 171136

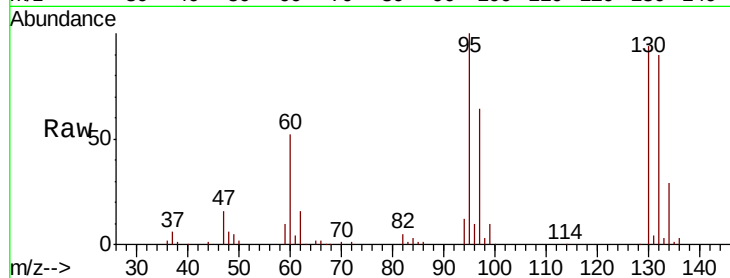
Ion Ratio Lower Upper

95 100

97 64.2 43.8 81.3

132 90.5 61.7 114.7

130 94.2 65.9 122.5

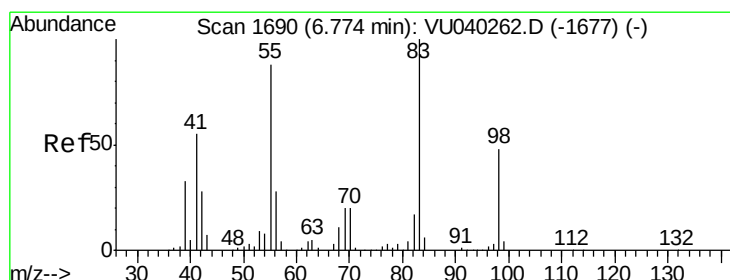
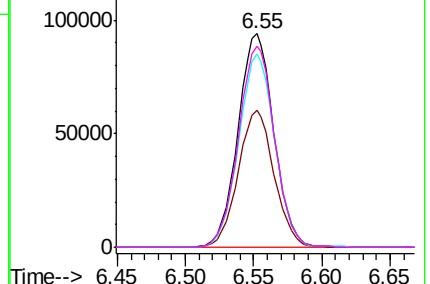
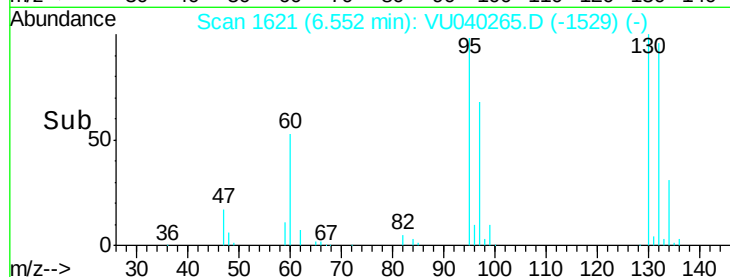


Abundance Ion 95.00 (94.70 to 95.70): VU040265.D (-1529) (-)

Ion 97.00 (96.70 to 97.70): VU040265.D (-1529) (-)

Ion 132.00 (131.70 to 132.70): VU040265.D (-1529) (-)

Ion 130.00 (129.70 to 130.70): VU040265.D (-1529) (-)



#35

Methylcyclohexane

Concen: 50.657 ug/L

RT: 6.77 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

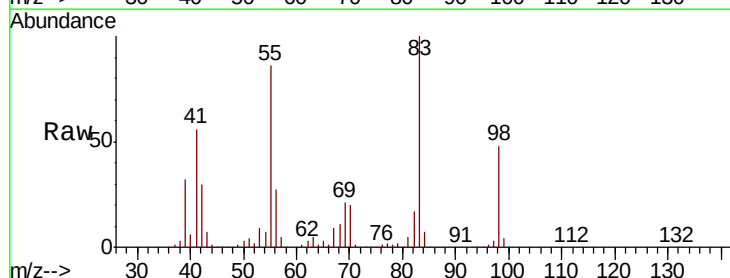
Tgt Ion: 83 Resp: 273577

Ion Ratio Lower Upper

83 100

55 87.2 69.4 104.0

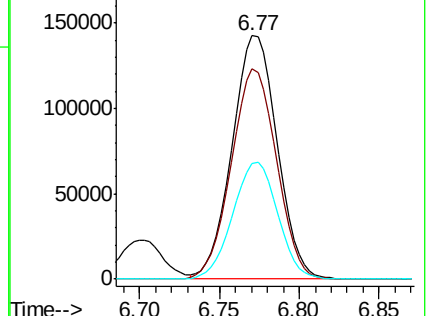
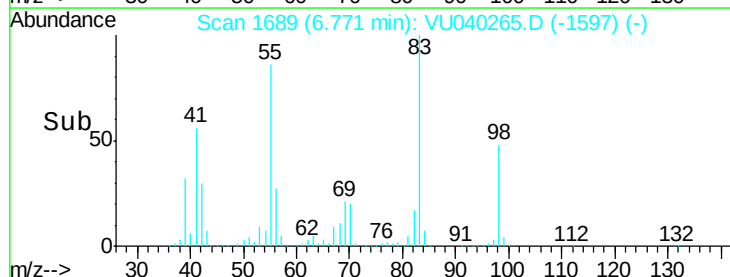
98 48.1 38.7 58.1

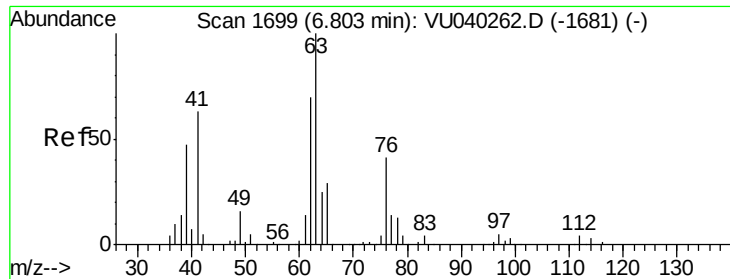


Abundance Ion 83.00 (82.70 to 83.70): VU040265.D (-1597) (-)

Ion 55.00 (54.70 to 55.70): VU040265.D (-1597) (-)

Ion 98.00 (97.70 to 98.70): VU040265.D (-1597) (-)

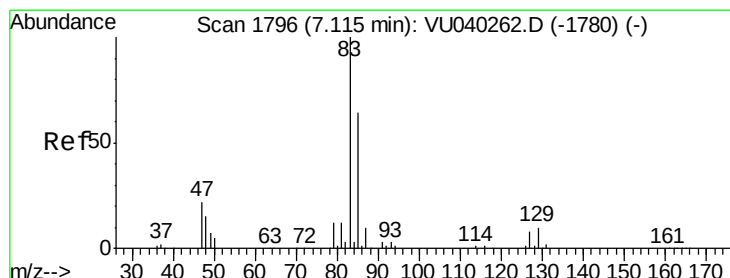
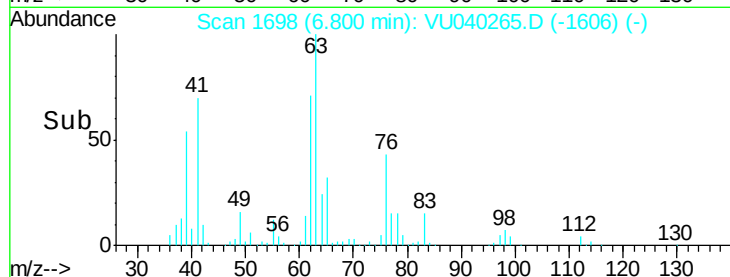
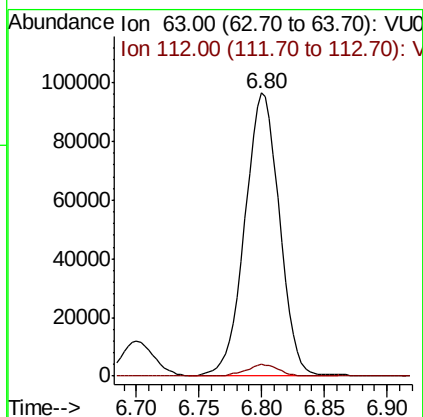
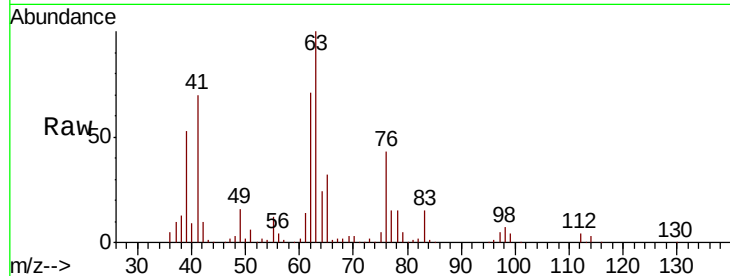




#37
 1,2-Dichloropropane
 Concen: 47.757 ug/L
 RT: 6.80 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

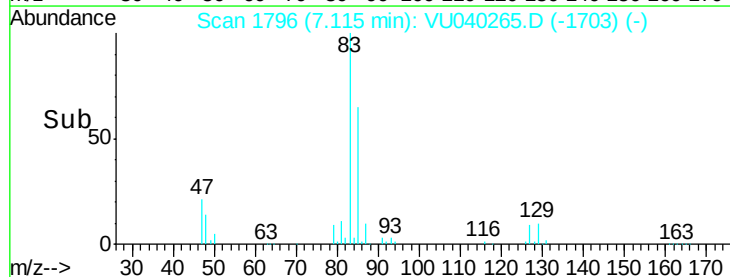
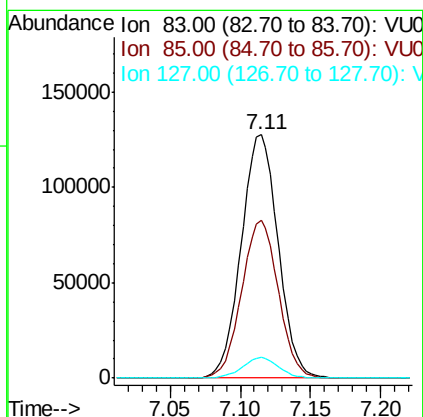
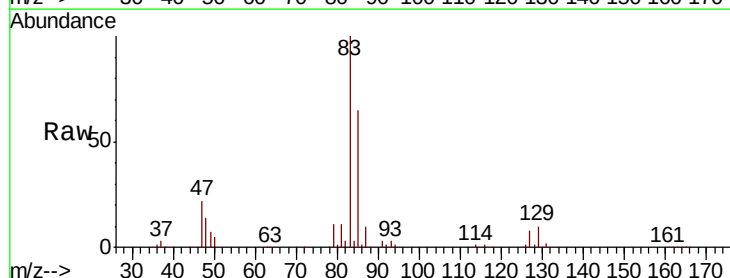
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

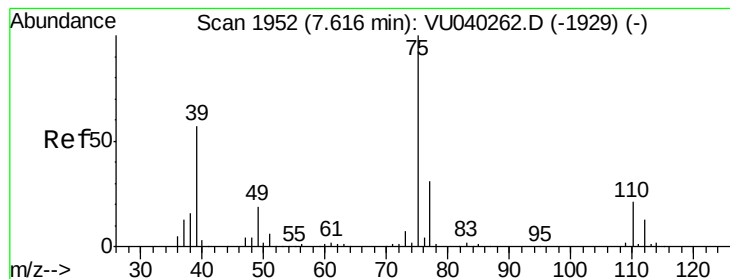
Tot Ion: 63 Resp: 184297
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.1 4.7



#38
 Bromodichloromethane
 Concen: 47.847 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion: 83 Resp: 234245
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.9 83.5
 127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 50.457 ug/L

RT: 7.61 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampled :

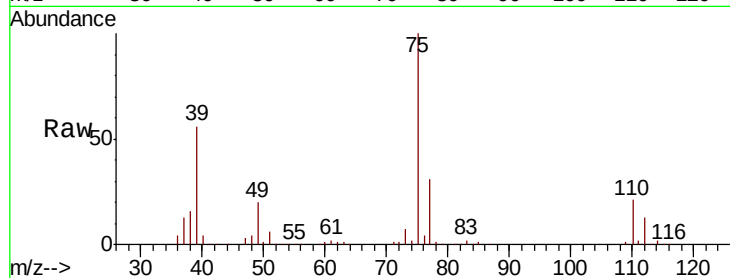
VICV206

Tot Ion: 75 Resp: 280636

Ion Ratio Lower Upper

75 100

77 30.9 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU040265.D (-1859) (-)

Ion 77.00 (76.70 to 77.70): VU040265.D (-1859) (-)

7.61

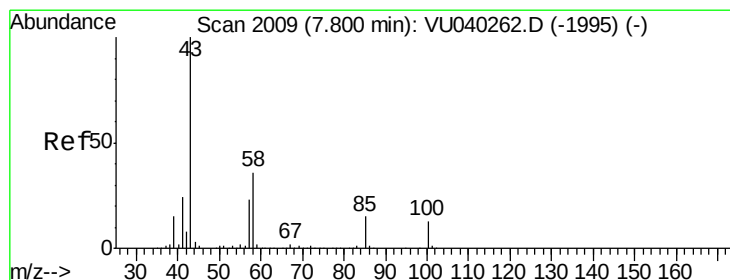
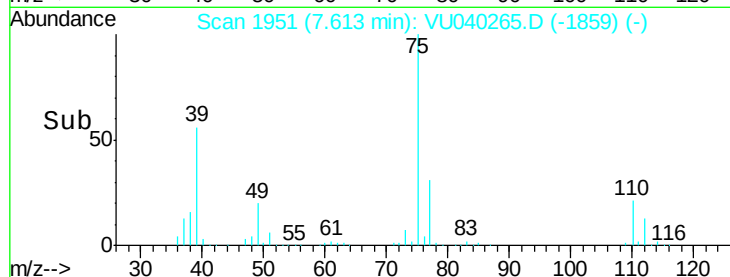
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#40

4-Methyl-2-pentanone

Concen: 101.167 ug/L

RT: 7.80 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

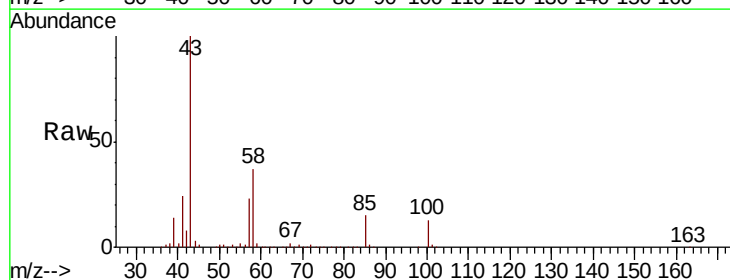
Tgt Ion: 43 Resp: 634027

Ion Ratio Lower Upper

43 100

58 36.4 28.5 42.7

100 12.7 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU040265.D (-1916) (-)

Ion 58.00 (57.70 to 58.70): VU040265.D (-1916) (-)

Ion 100.00 (99.70 to 100.70): VU040265.D (-1916) (-)

7.80

500000

400000

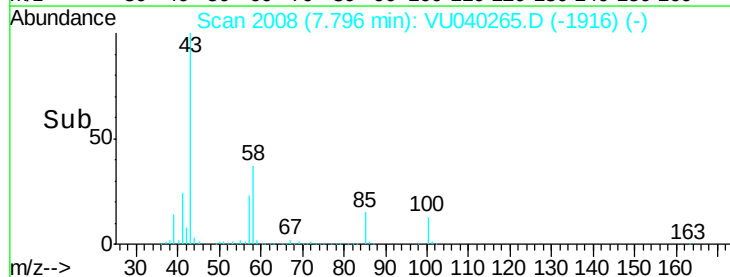
300000

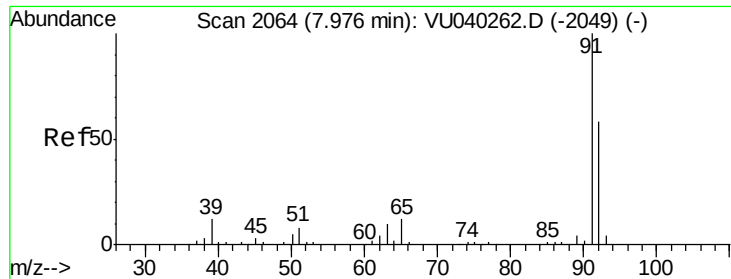
200000

100000

0

Time--> 7.70 7.75 7.80 7.85





#42

Toluene

Concen: 50.115 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

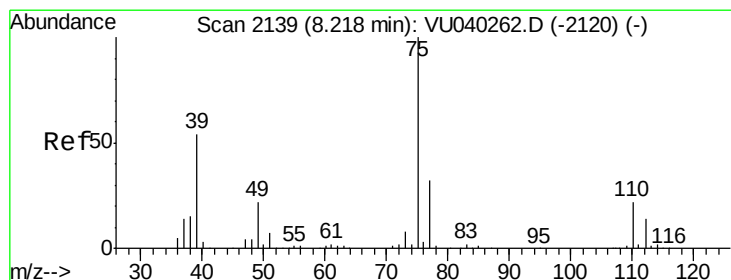
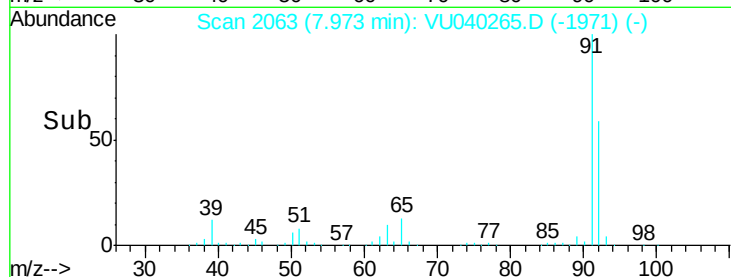
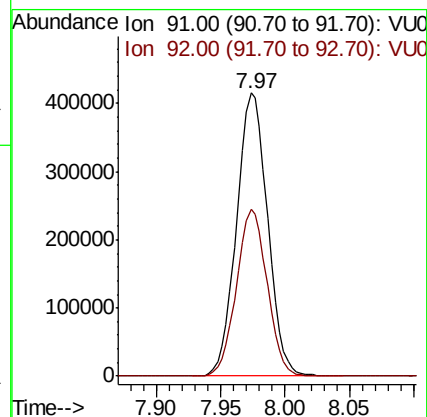
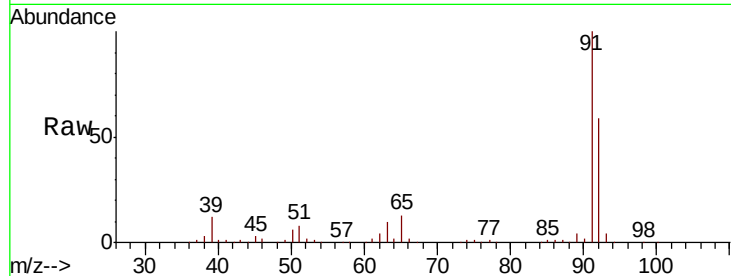
VICV206

Tot Ion: 91 Resp: 695234

Ion Ratio Lower Upper

91 100

92 58.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 50.523 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040265.D

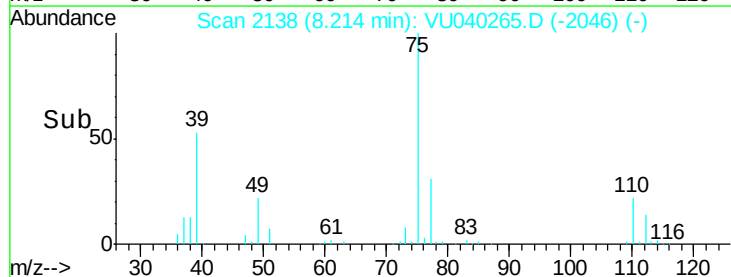
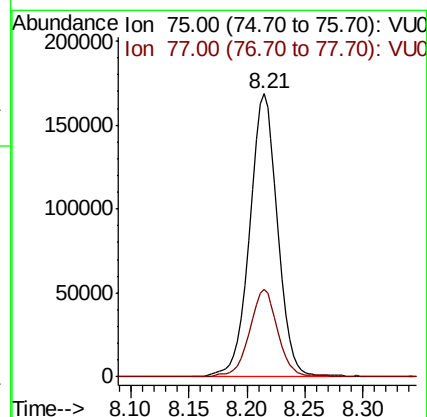
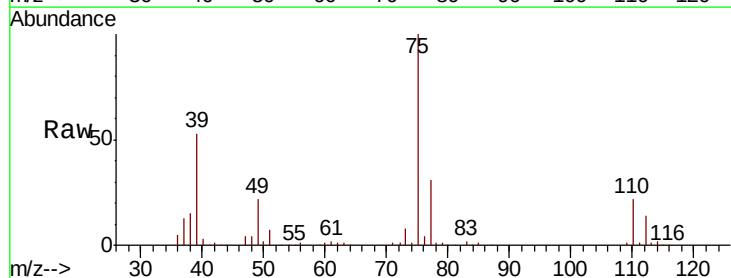
Acq: 24 Sep 2020 11:34

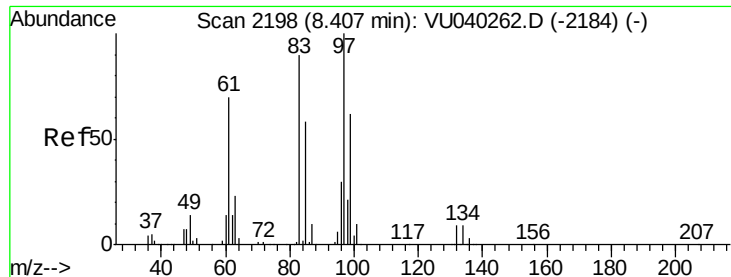
Tgt Ion: 75 Resp: 284181

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7

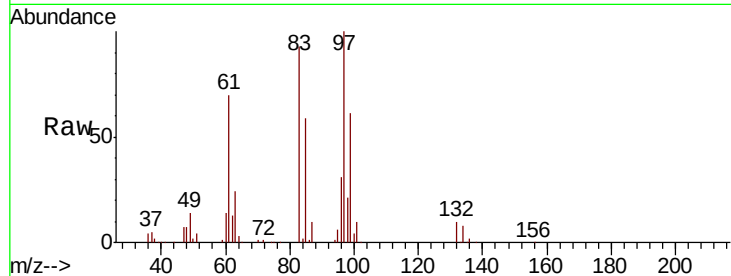




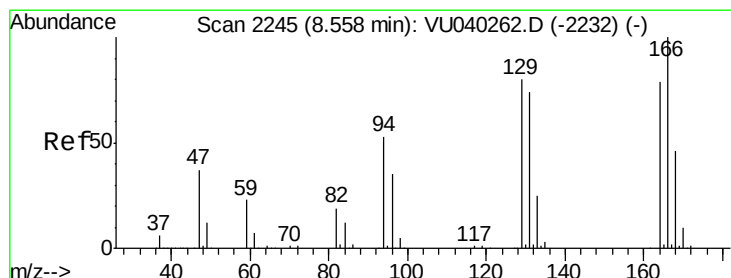
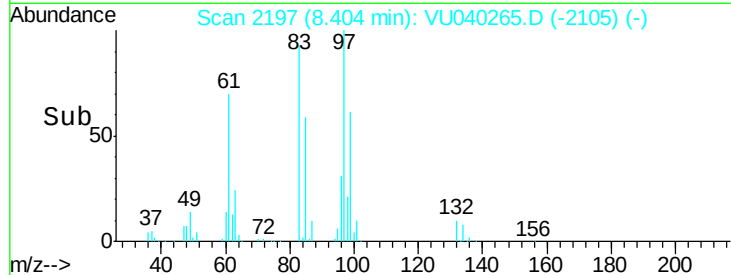
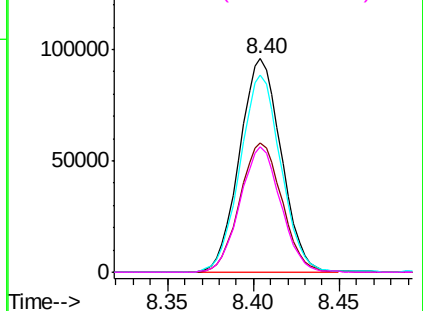
#45
 1,1,2-Trichloroethane
 Concen: 48.205 ug/L
 RT: 8.40 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Instrument :
 MSVOA_U
 ClientSampleID :
 VICV206

Tot Ion:	97	Resp:	161549
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.3	80.5
83	92.6	62.7	116.5
85	58.7	40.7	75.5

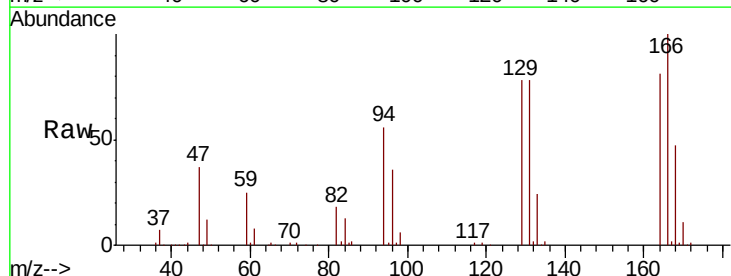


Abundance Ion 97.00 (96.70 to 97.70): VU040265.D (-2197) (-)
 Ion 99.00 (98.70 to 99.70): VU040265.D (-2197) (-)
 Ion 83.00 (82.70 to 83.70): VU040265.D (-2197) (-)
 Ion 85.00 (84.70 to 85.70): VU040265.D (-2197) (-)

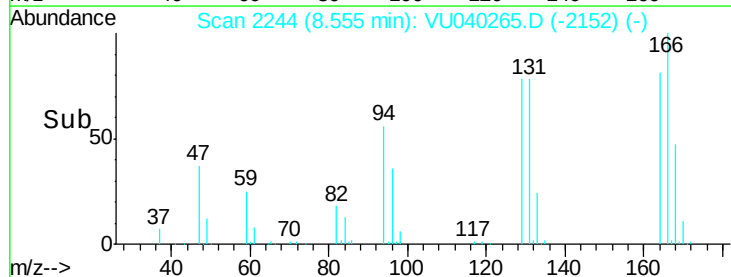
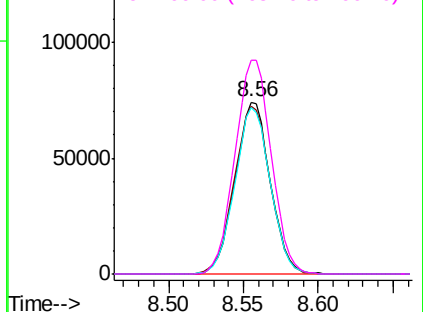


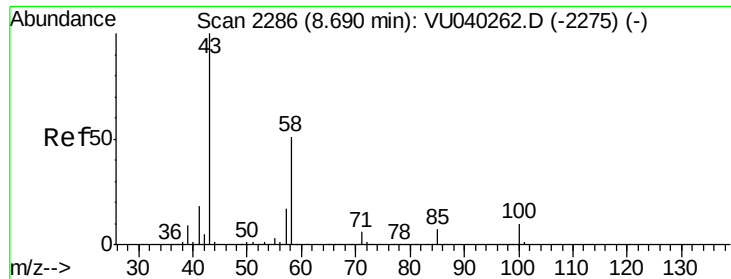
#46
 Tetrachloroethene
 Concen: 49.561 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion:	164	Resp:	122005
Ion	Ratio	Lower	Upper
164	100		
129	97.2	70.5	130.9
131	96.4	65.7	121.9
166	124.1	88.5	164.4



Abundance Ion 164.00 (163.70 to 164.70): VU040265.D (-2244) (-)
 Ion 129.00 (128.70 to 129.70): VU040265.D (-2244) (-)
 Ion 131.00 (130.70 to 131.70): VU040265.D (-2244) (-)
 Ion 166.00 (165.70 to 166.70): VU040265.D (-2244) (-)

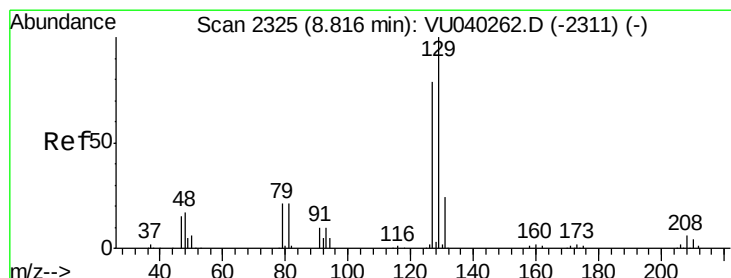
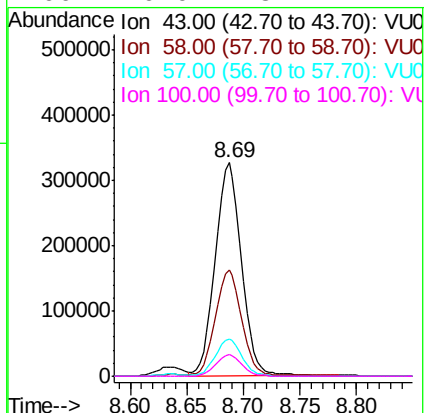
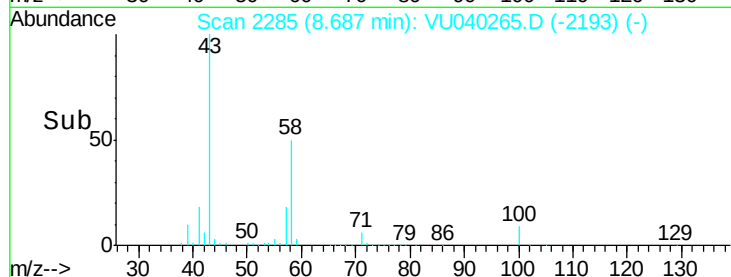
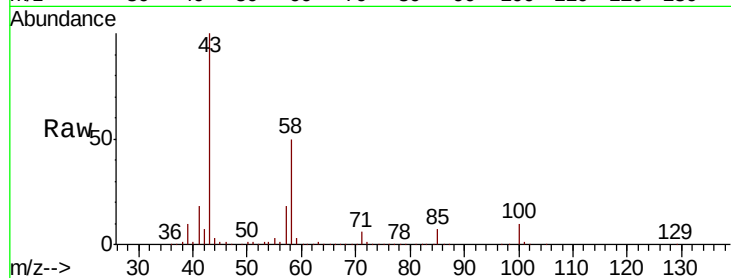




#48
2-Hexanone
Concen: 104.982 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

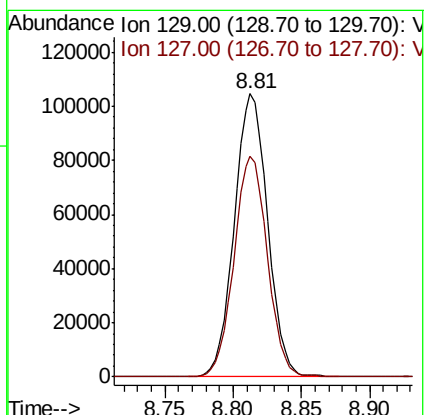
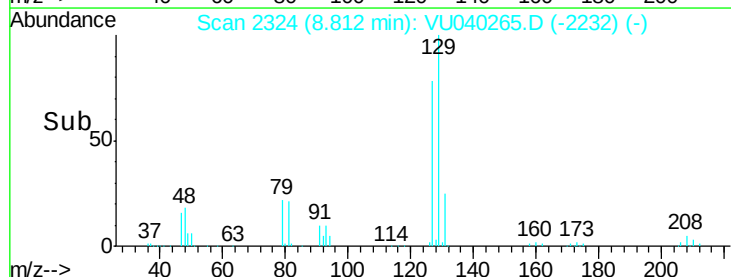
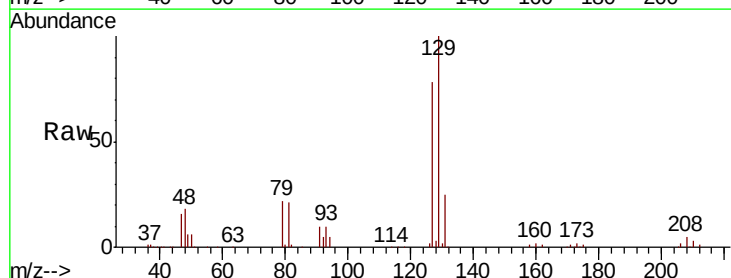
Instrument :
MSVOA_U
ClientSampled :
VICV206

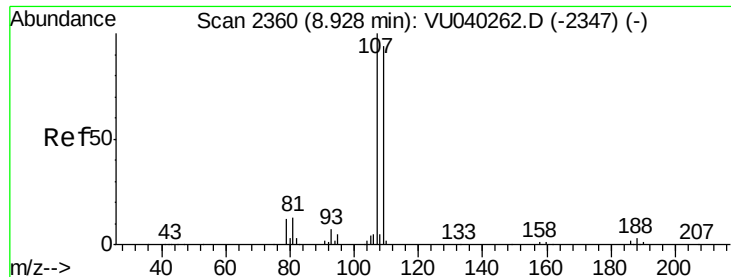
Tot Ion: 43 Resp: 526886
Ion Ratio Lower Upper
43 100
58 50.1 40.3 60.5
57 17.9 13.9 20.9
100 10.0 8.2 12.2



#49
Dibromochloromethane
Concen: 48.231 ug/L
RT: 8.81 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

Tgt Ion: 129 Resp: 177179
Ion Ratio Lower Upper
129 100
127 78.2 55.1 102.3

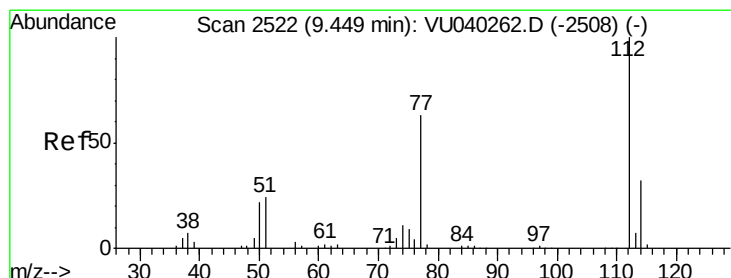
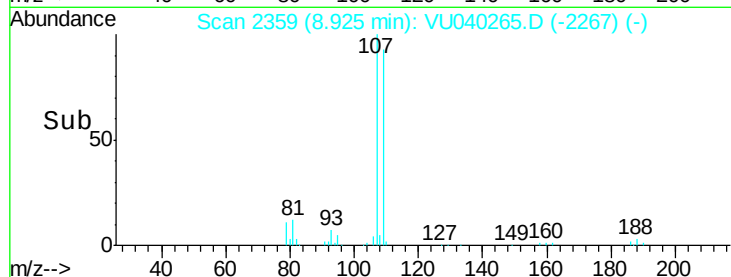
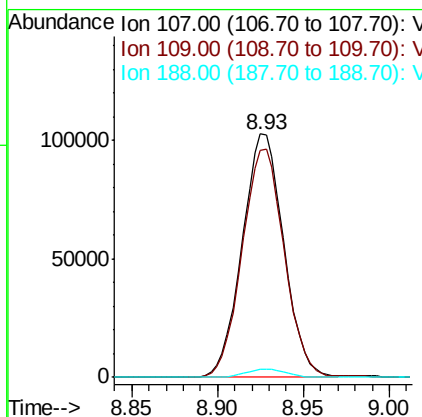
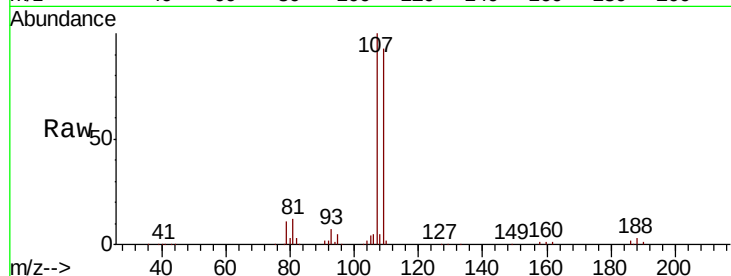




#50
 1,2-Dibromoethane
 Concen: 47.838 ug/L
 RT: 8.93 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

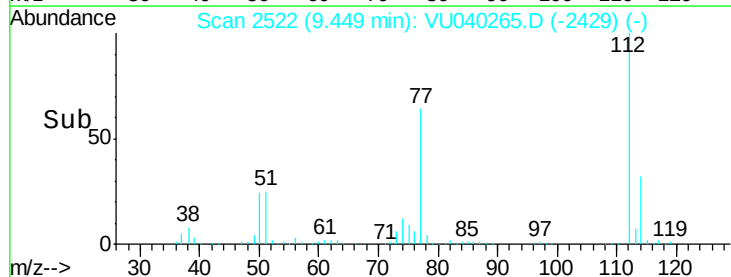
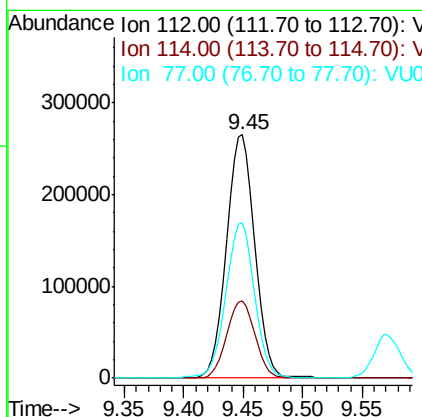
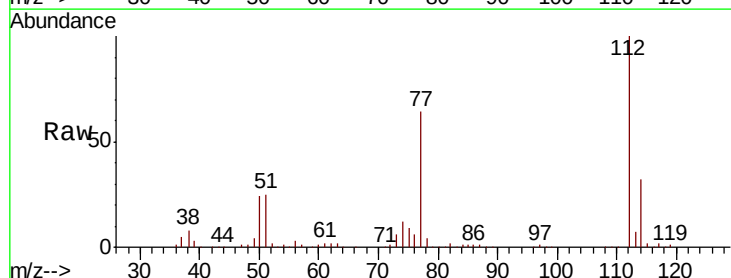
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

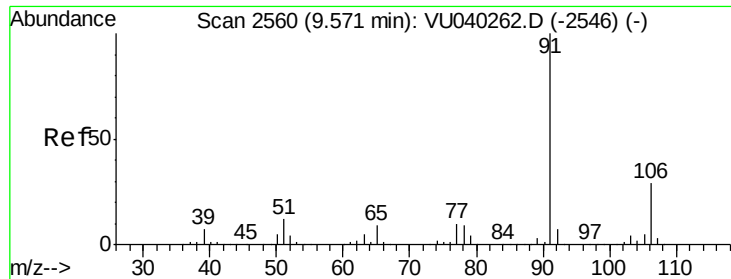
Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	65.9	122.3
188	3.2	2.6	3.8



#51
 Chlorobenzene
 Concen: 47.893 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	63.8	50.7	76.1

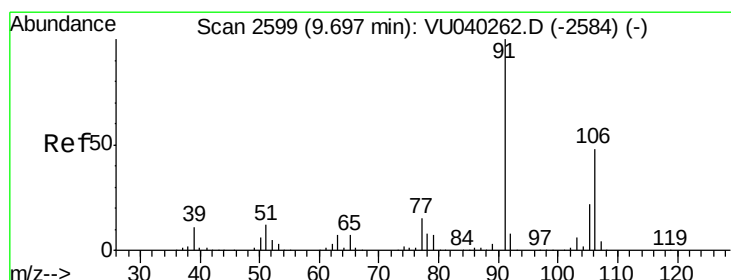
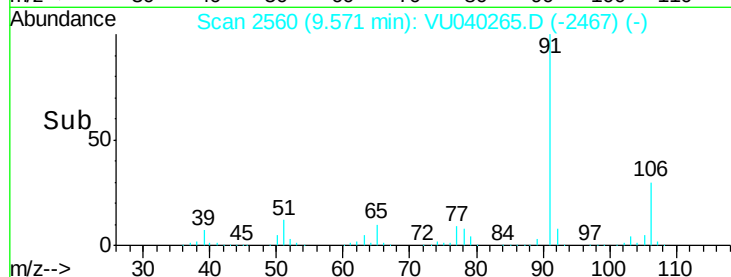
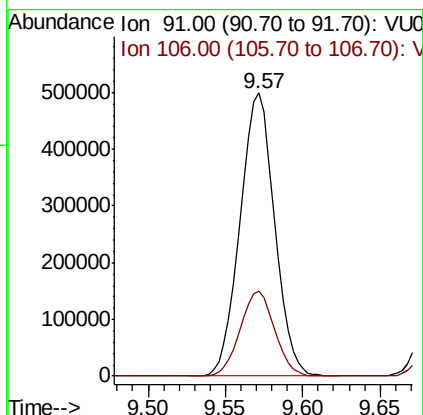
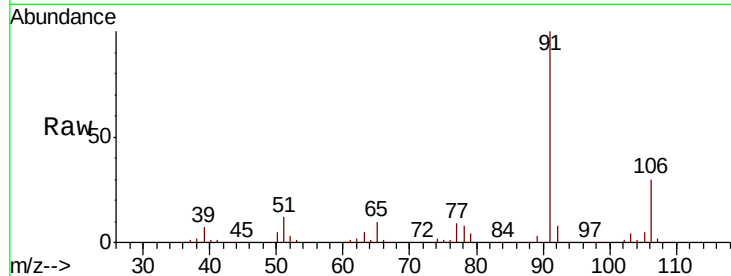




#52
Ethylbenzene
Concen: 50.288 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

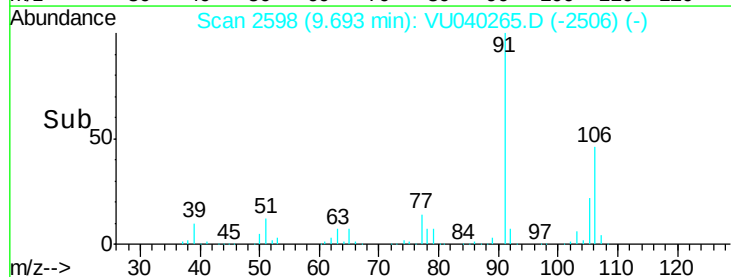
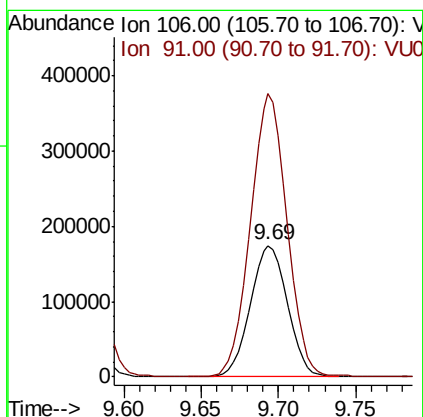
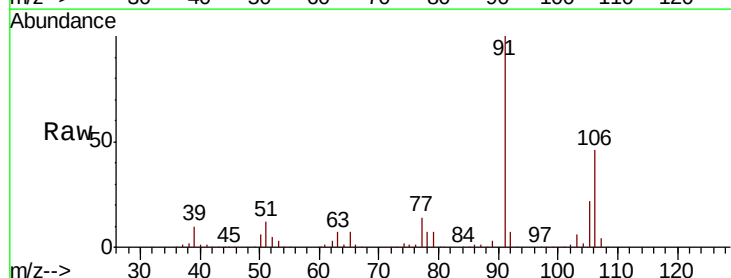
Instrument :
MSVOA_U
ClientSampled :
VICV206

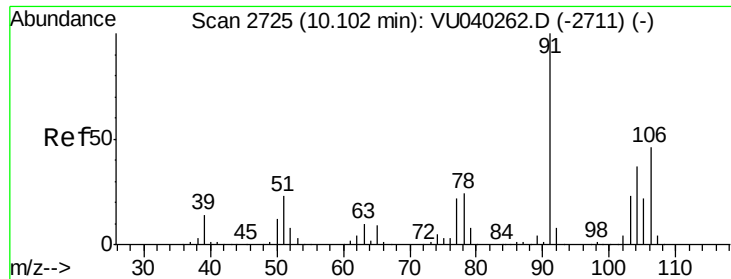
Tot Ion: 91 Resp: 777017
Ion Ratio Lower Upper
91 100
106 29.8 20.6 38.2



#53
m,p-Xylene
Concen: 51.603 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

Tgt Ion: 106 Resp: 289854
Ion Ratio Lower Upper
106 100
91 215.1 147.1 273.3





#54

o-xylene

Concen: 50.768 ug/L

RT: 10.10 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

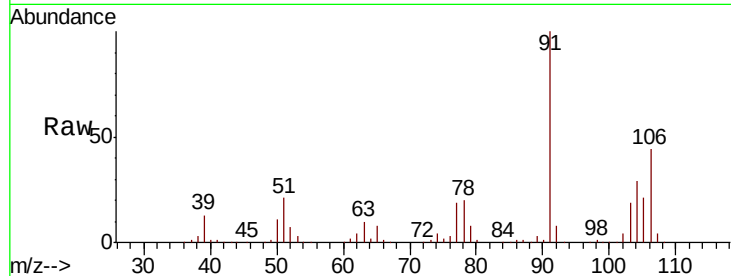
VICV206

Tot Ion:106 Resp: 278554

Ion Ratio Lower Upper

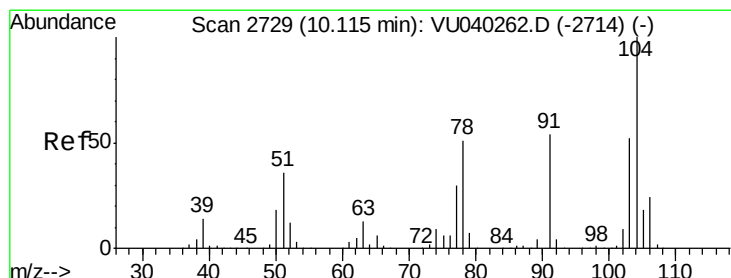
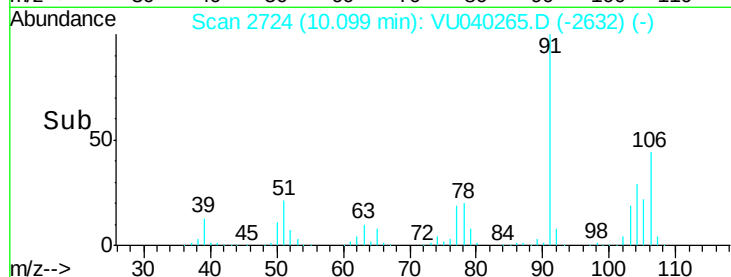
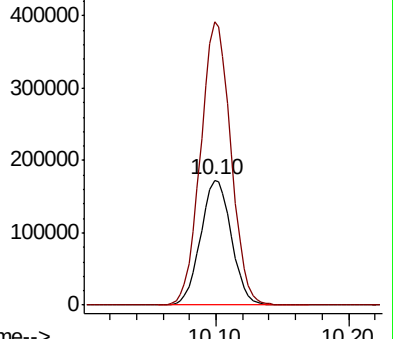
106 100

91 226.3 152.8 283.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 51.966 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040265.D

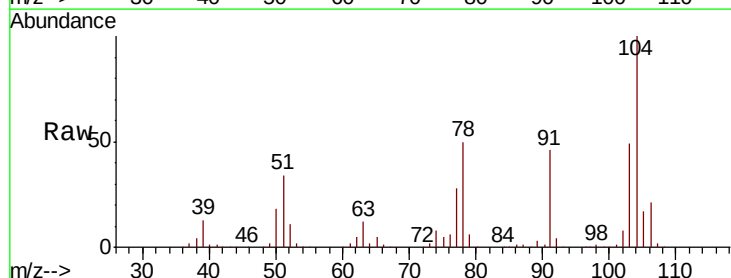
Acq: 24 Sep 2020 11:34

Tgt Ion:104 Resp: 487852

Ion Ratio Lower Upper

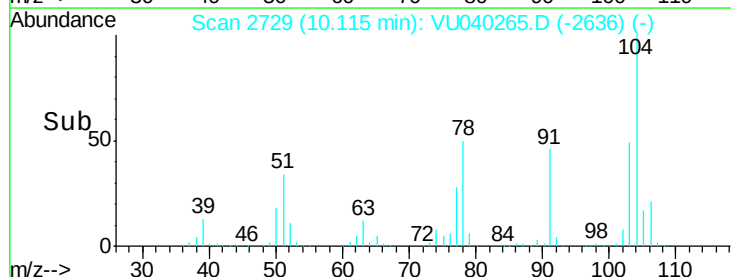
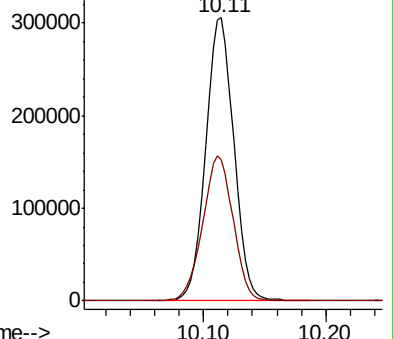
104 100

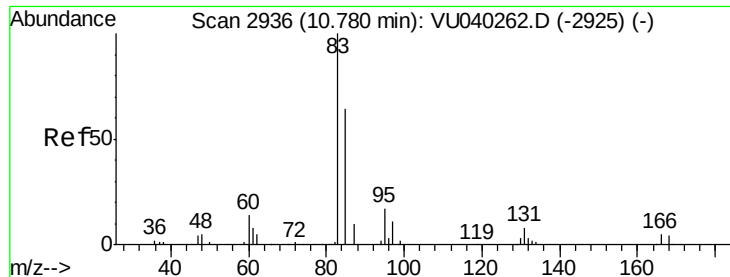
78 50.0 35.8 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

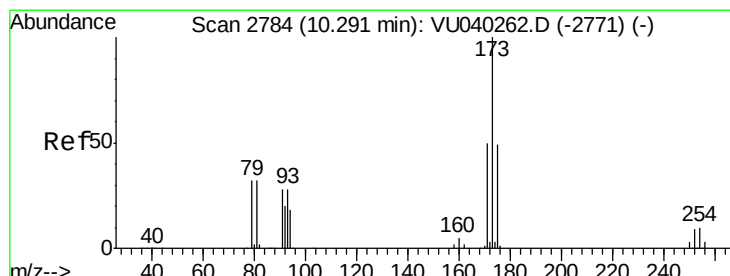
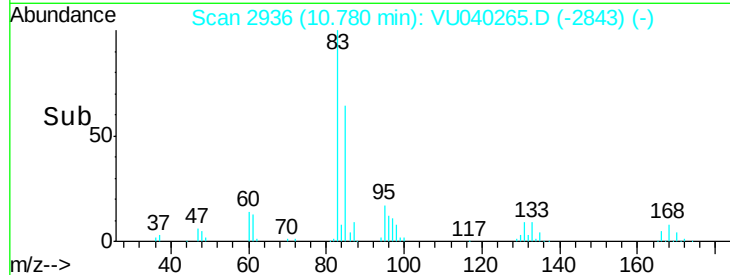
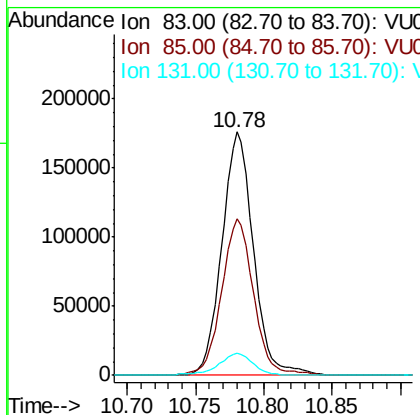
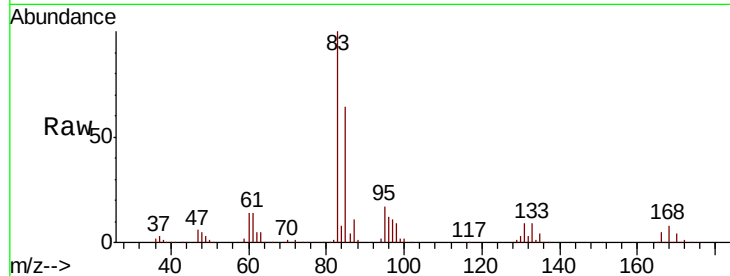




#57
 1,1,2,2-Tetrachloroethane
 Concen: 47.834 ug/L
 RT: 10.78 min Scan# 2936
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

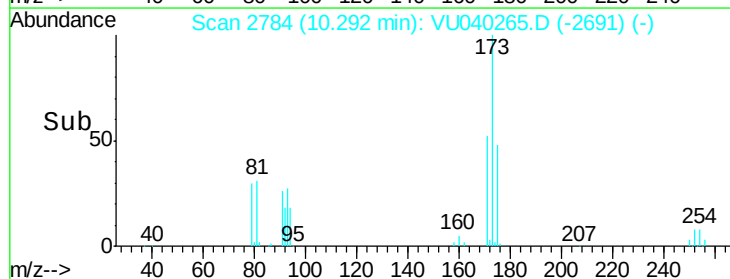
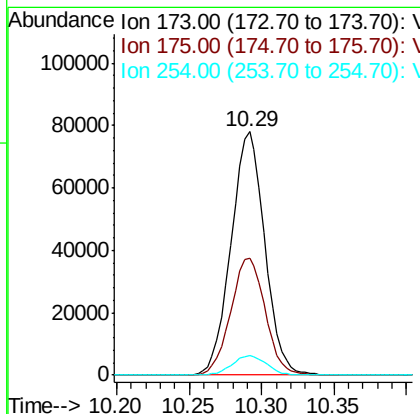
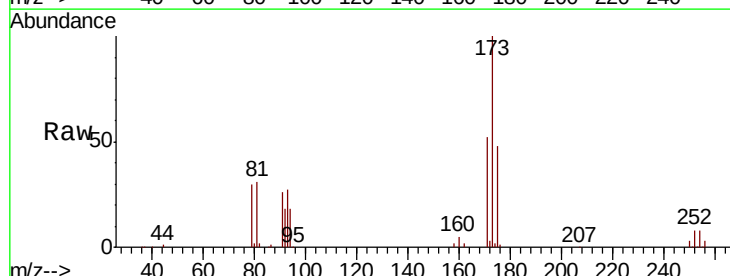
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

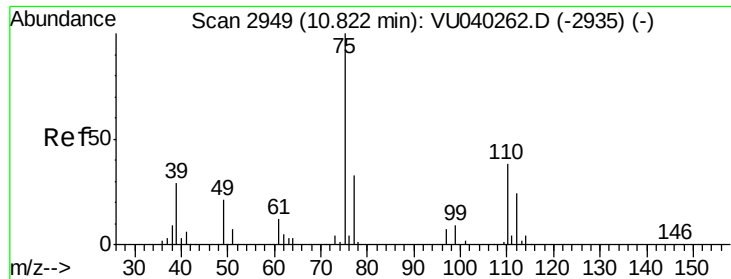
Tot Ion: 83 Resp: 281994
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.6 84.6
 131 9.1 7.4 11.0



#59
 Bromoform
 Concen: 47.771 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion: 173 Resp: 125735
 Ion Ratio Lower Upper
 173 100
 175 49.1 38.6 58.0
 254 8.1 7.0 10.4





#60

1,2,3-Trichloropropane

Concen: 46.903 ug/L

RT: 10.82 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

VICV206

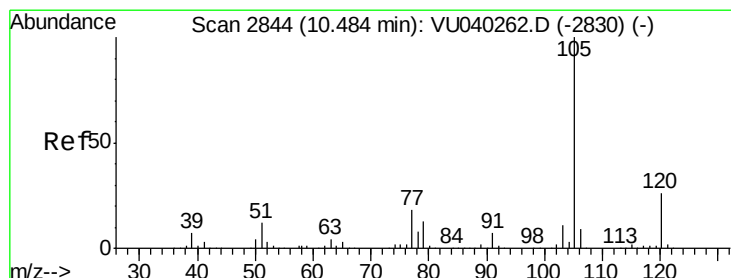
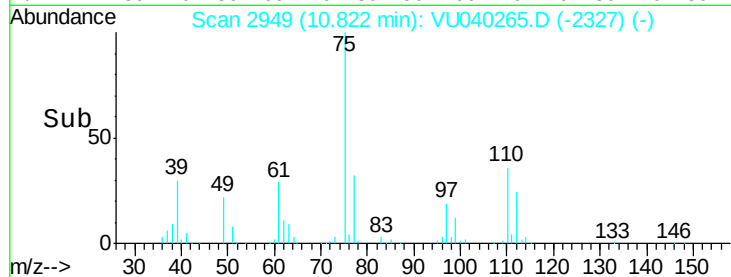
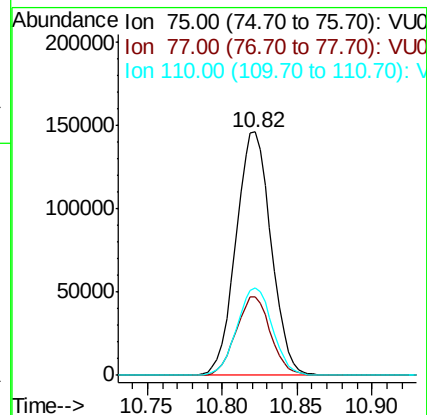
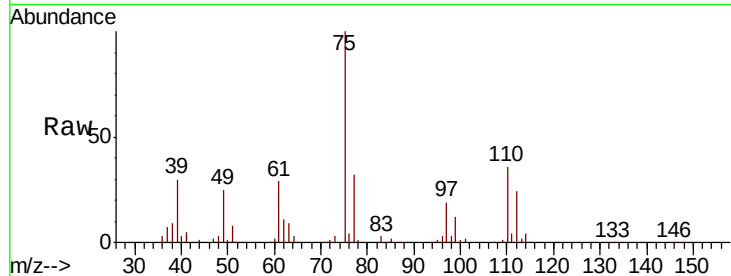
Tot Ion: 75 Resp: 239251

Ion Ratio Lower Upper

75 100

77 32.0 26.0 39.0

110 36.4 29.8 44.8



#61

Isopropylbenzene

Concen: 50.530 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040265.D

Acq: 24 Sep 2020 11:34

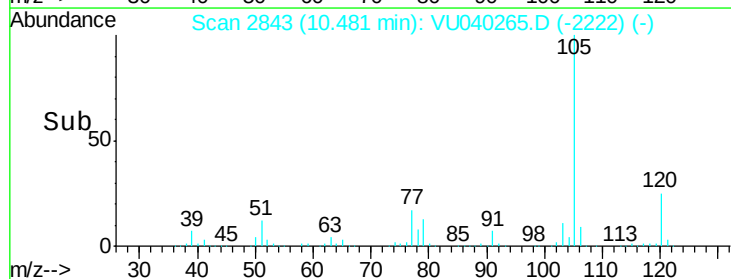
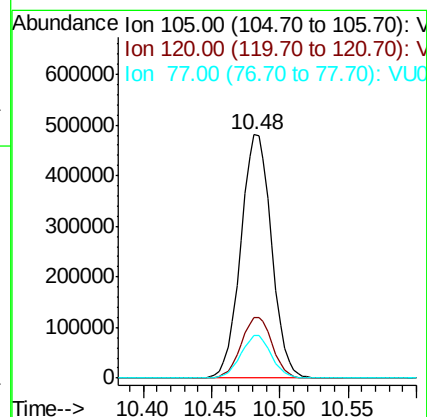
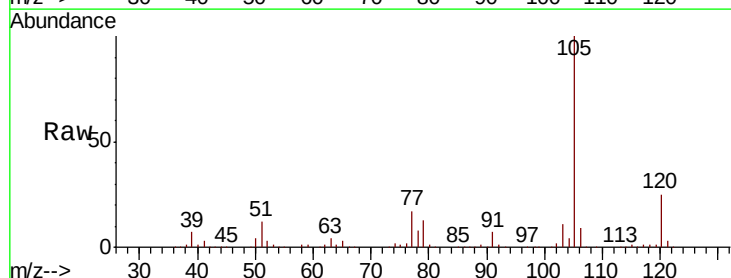
Tgt Ion: 105 Resp: 754286

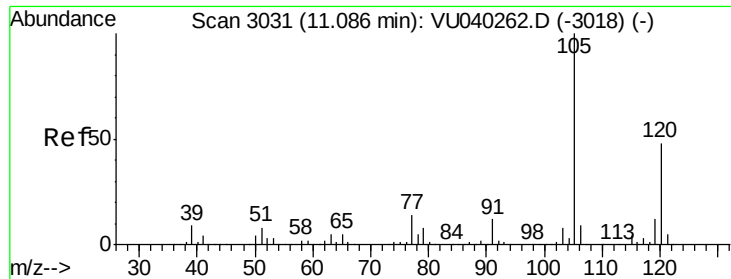
Ion Ratio Lower Upper

105 100

120 25.1 20.6 30.8

77 17.3 13.8 20.6

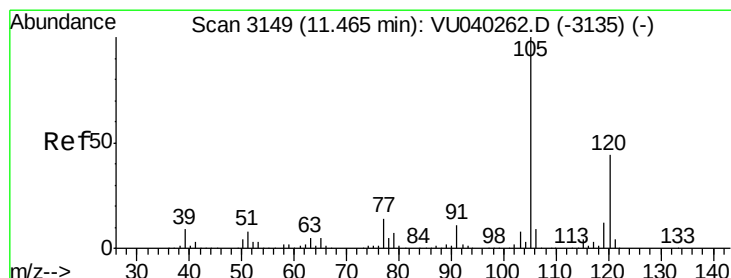
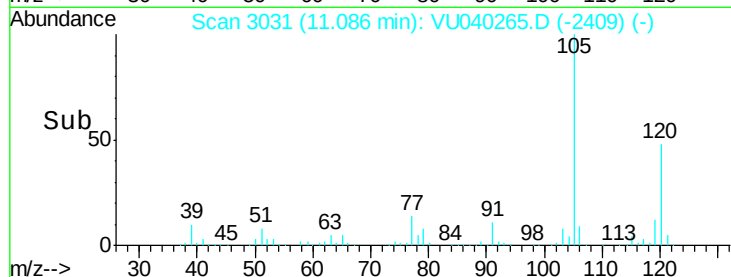
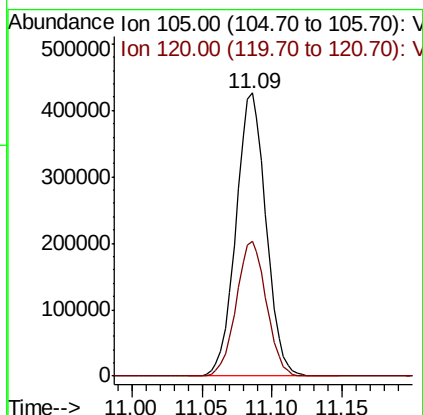
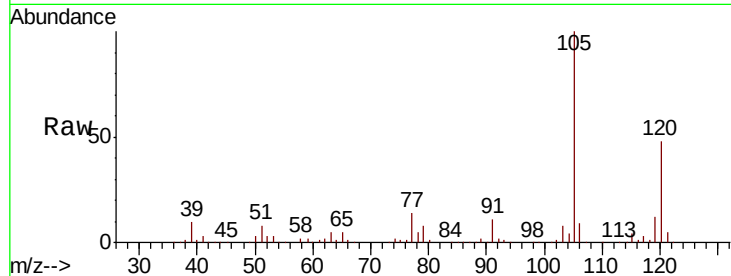




#62
 1,3,5-Trimethylbenzene
 Concen: 52.120 ug/L
 RT: 11.09 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

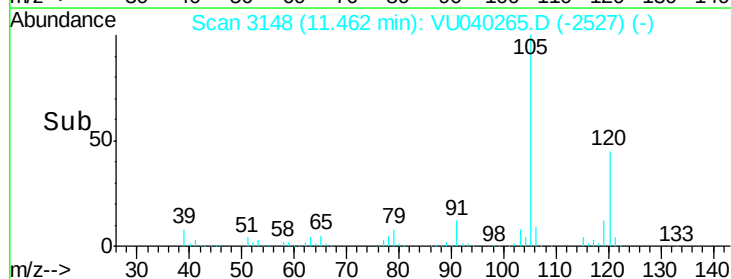
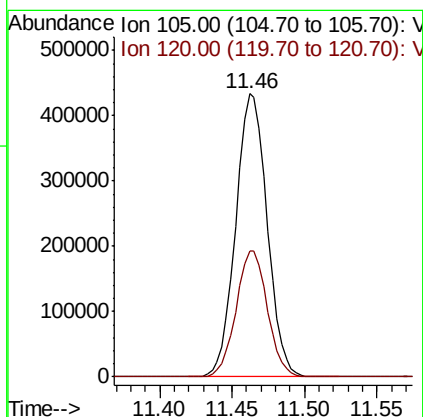
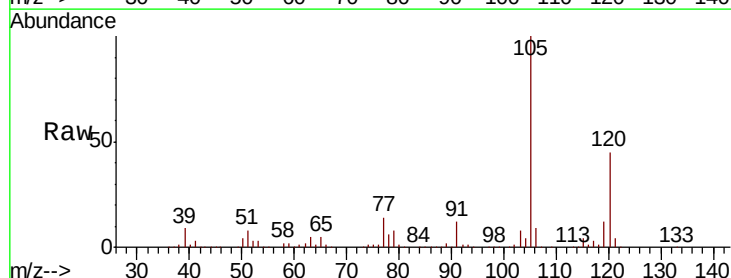
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

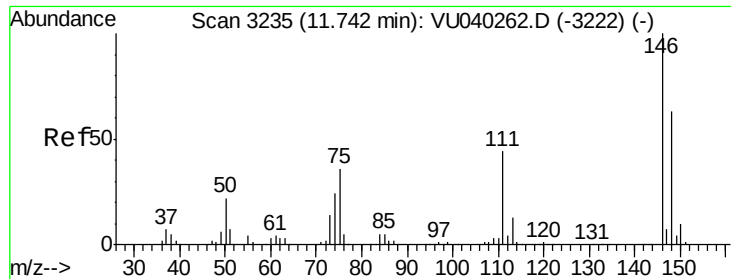
Tot Ion:105 Resp: 635577
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 52.794 ug/L
 RT: 11.46 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion:105 Resp: 652474
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.8 53.6

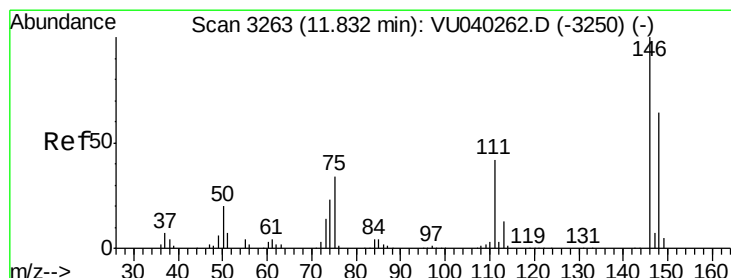
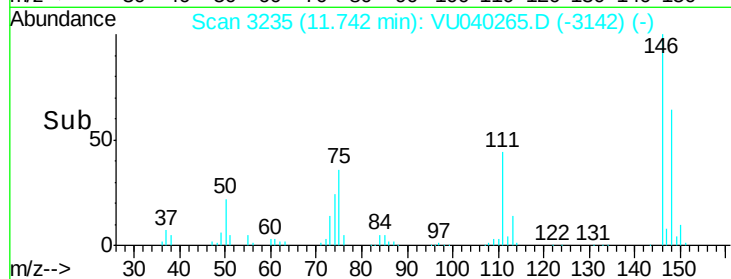
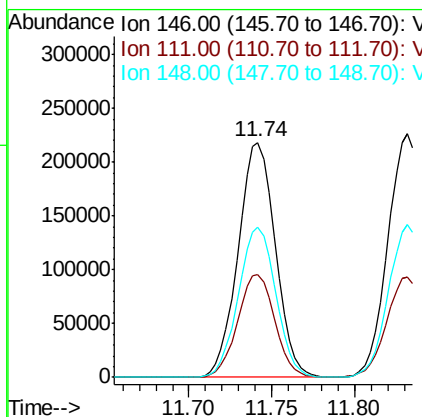
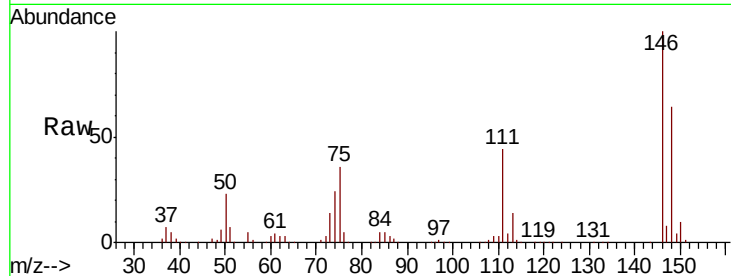




#64
 1,3-Dichlorobenzene
 Concen: 48.354 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

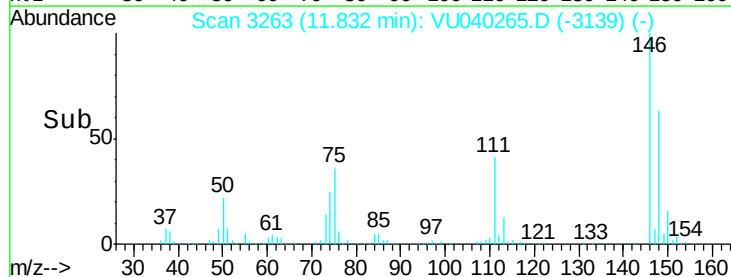
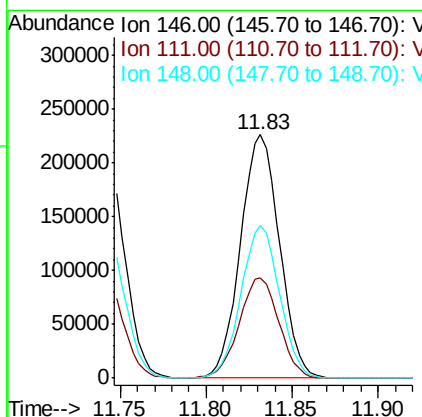
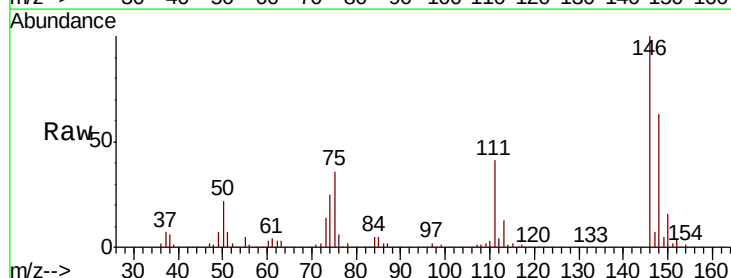
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

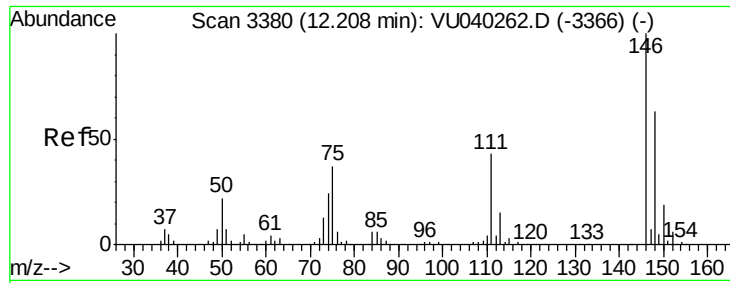
Tot Ion:146 Resp: 341520
 Ion Ratio Lower Upper
 146 100
 111 43.8 30.6 56.8
 148 63.8 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 48.422 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion:146 Resp: 355346
 Ion Ratio Lower Upper
 146 100
 111 41.2 29.4 54.6
 148 62.5 44.7 83.1

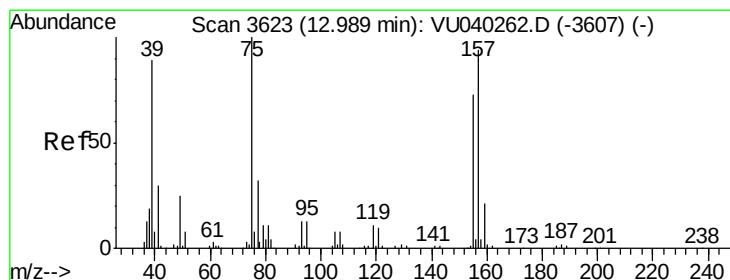
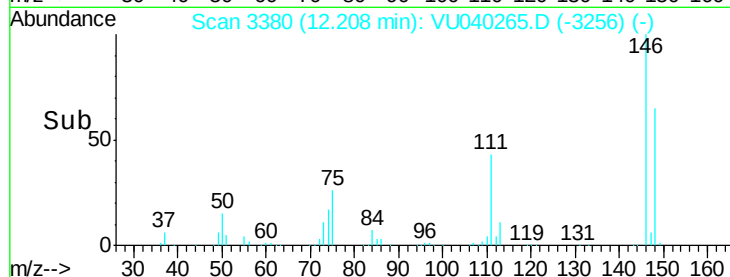
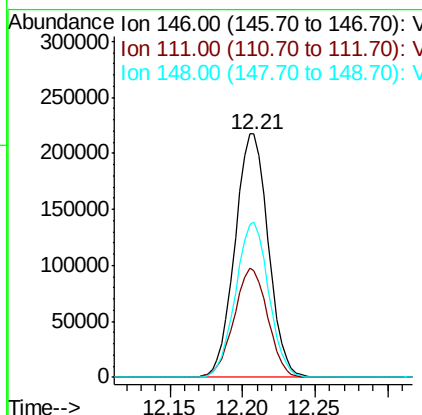
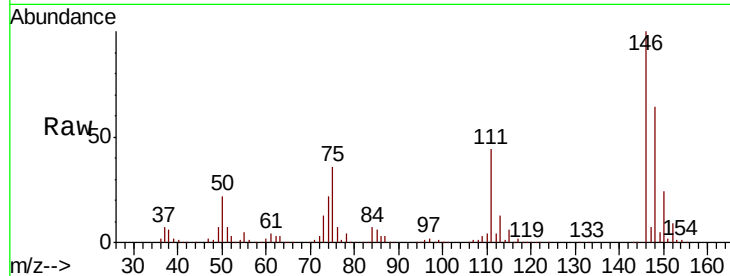




#67
 1,2-Dichlorobenzene
 Concen: 49.347 ug/L
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

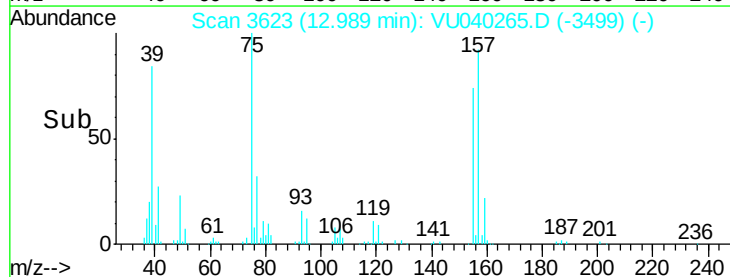
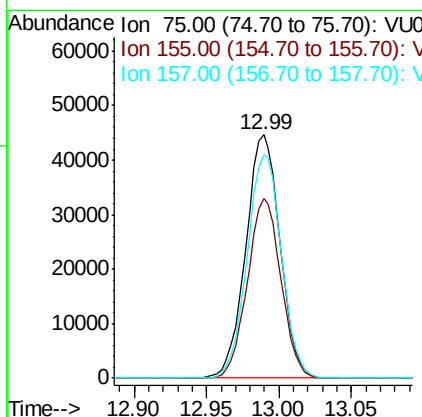
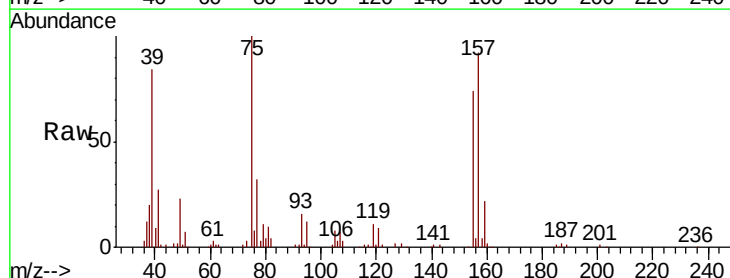
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

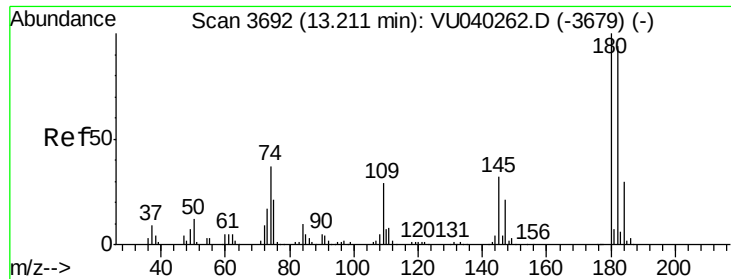
Tot Ion:146 Resp: 347118
 Ion Ratio Lower Upper
 146 100
 111 43.8 34.5 51.7
 148 64.0 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 51.097 ug/L
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion: 75 Resp: 73481
 Ion Ratio Lower Upper
 75 100
 155 73.7 58.8 88.2
 157 91.8 75.1 112.7

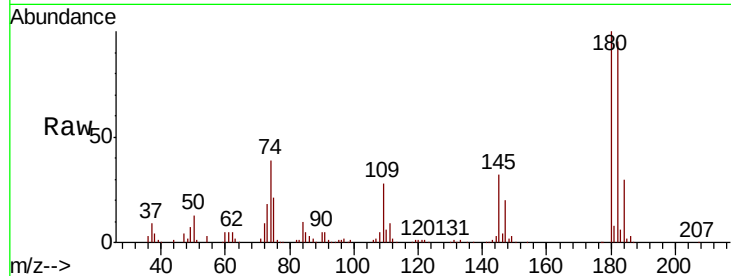




#69
 1,3,5-Trichlorobenzene
 Concen: 52.924 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.0
184	29.7	23.7	35.5
145	31.8	25.3	37.9



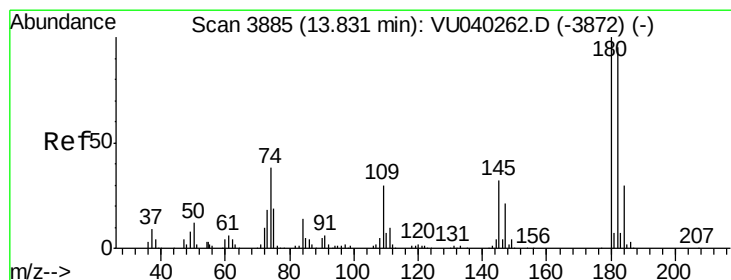
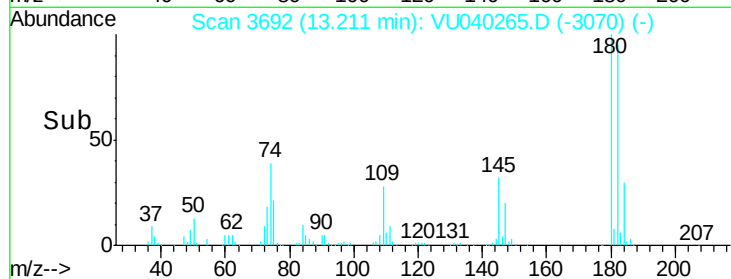
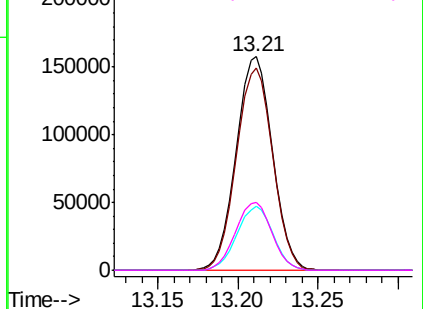
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

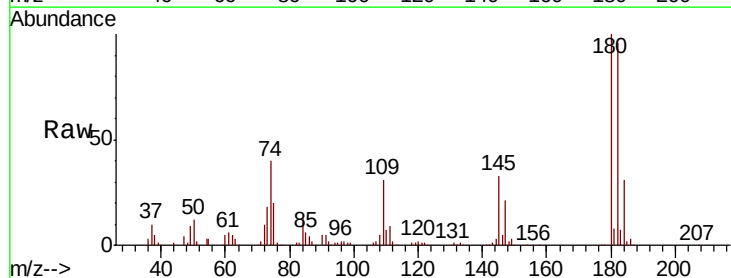
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 55.813 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040265.D
 Acq: 24 Sep 2020 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	32.1	26.0	39.0

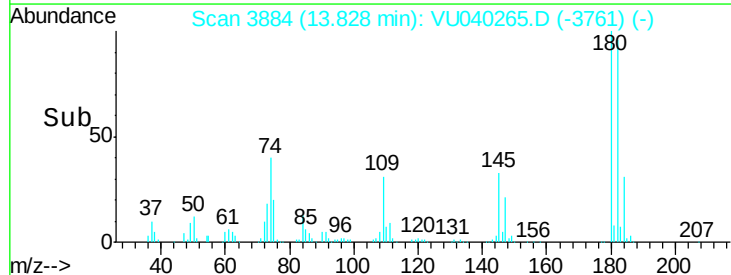
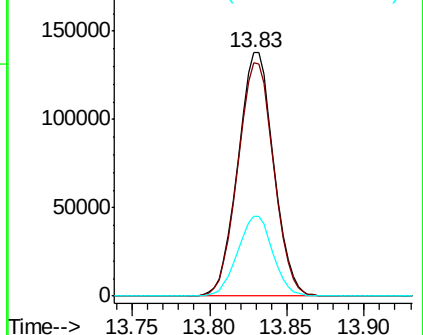


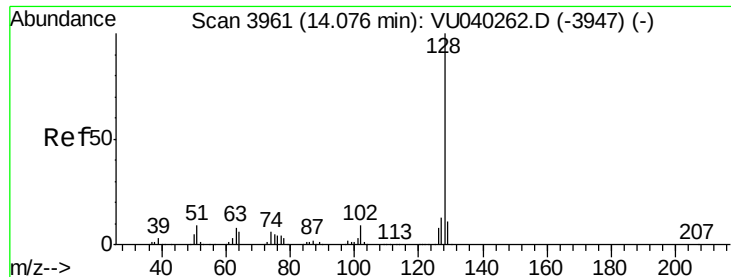
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

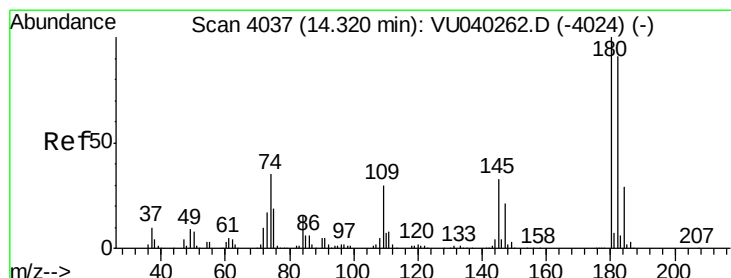
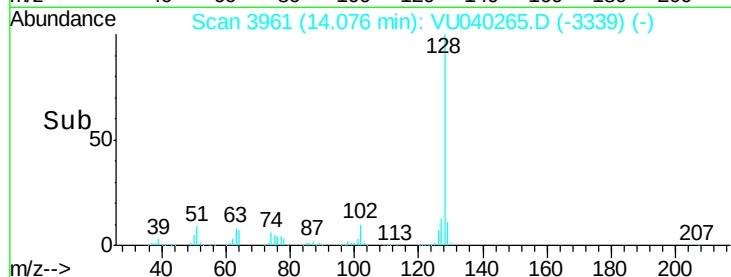
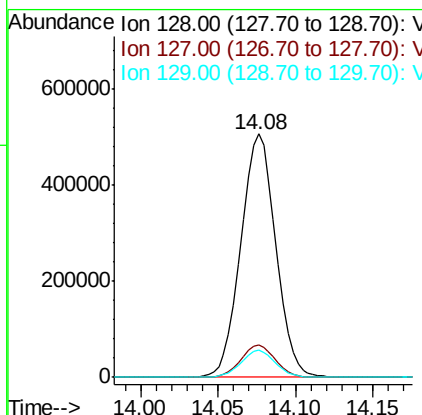
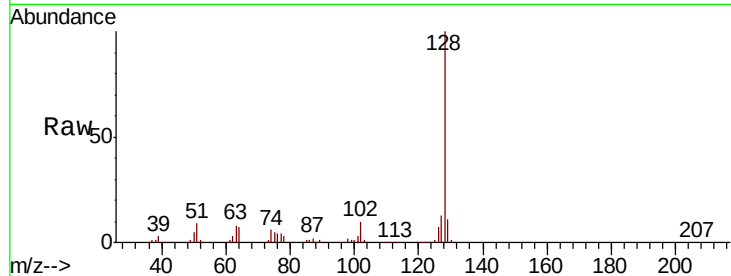




#71
Naphthalene
Concen: 64.245 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

Instrument :
MSVOA_U
ClientSampleId :
VICV206

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 57.414 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040265.D
Acq: 24 Sep 2020 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	74.2	111.4
145	35.0	27.8	41.6

