

Data File : VV014456.D
Acq On : 31 Jan 2020 16:33
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV64

Quant Time: Feb 01 02:08:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:04:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	419589	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	398555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	189454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112814	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.82%
7) Chloroethane-d5	1.59	69	71920	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.28%
11) 1,1-Dichloroethene-d2	2.13	63	155758	50.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.14%
21) 2-Butanone-d5	3.92	46	170493	108.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.74%
24) Chloroform-d	4.40	84	249982	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.38%
26) 1,2-Dichloroethane-d4	5.08	65	147939	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.10	84	519175	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.11	67	162932	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.36	98	482377	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%
43) trans-1,3-Dichloropropene-	7.66	79	84297	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.13	63	141949	109.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.27%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	217229	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	171022	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	178061	50.759 ug/L	99
3) Chloromethane	1.26	50	191552	52.300 ug/L	100
5) Vinyl chloride	1.33	62	145000	49.268 ug/L	99
6) Bromomethane	1.54	94	52354	53.390 ug/L	99
8) Chloroethane	1.60	64	64151	49.640 ug/L	99
9) Trichlorofluoromethane	1.77	101	171079	50.486 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	81106	51.052 ug/L	99
12) 1,1-Dichloroethene	2.14	96	79827	50.012 ug/L	98
13) Acetone	2.18	43	152982	114.347 ug/L	94
14) Carbon disulfide	2.32	76	405040	51.667 ug/L	100
15) Methyl Acetate	2.46	43	141782	54.993 ug/L	98
16) Methylene chloride	2.54	84	153088	49.812 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	144583	52.224 ug/L	99
18) Methyl tert-butyl Ether	2.80	73	440681	51.749 ug/L	100
19) 1,1-Dichloroethane	3.23	63	260177	51.502 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	158906	51.464 ug/L	99
22) 2-Butanone	4.01	43	210156	109.014 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	75738	52.323	ug/L	97
25) Chloroform	4.42	83	258762	50.852	ug/L	99
27) 1,2-Dichloroethane	5.18	62	186748	51.619	ug/L	98
29) Cyclohexane	4.73	56	250538	51.454	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	219418	51.375	ug/L	100
31) Carbon tetrachloride	4.88	117	189489	50.850	ug/L	99
33) Benzene	5.14	78	595346	50.625	ug/L	100
34) Trichloroethene	5.96	95	151294	50.937	ug/L	100
35) Methylcyclohexane	6.17	83	253556	51.376	ug/L	98
37) 1,2-Dichloropropane	6.22	63	149165	50.757	ug/L	99
38) Bromodichloromethane	6.55	83	198356	50.410	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	253388	52.435	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	388504	109.348	ug/L	99
42) Toluene	7.43	91	627007	50.933	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	223348	52.043	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	142360	51.270	ug/L	98
46) Tetrachloroethene	8.02	164	110864	51.037	ug/L	98
48) 2-Hexanone	8.18	43	294909	106.112	ug/L	97
49) Dibromochloromethane	8.29	129	156052	51.081	ug/L	98
50) 1,2-Dibromoethane	8.39	107	152113	51.452	ug/L	99
51) Chlorobenzene	8.92	112	401965	51.042	ug/L	100
52) Ethylbenzene	9.05	91	702522	50.845	ug/L	100
53) m,p-Xylene	9.18	106	263254	51.025	ug/L	99
54) o-xylene	9.58	106	260194	50.897	ug/L	97
55) Styrene	9.60	104	443199	51.657	ug/L	99
56) Isopropylbenzene	9.97	105	666038	50.954	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	228754	51.570	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	179668	51.733	ug/L	99
61) Bromoform	9.77	173	106030	53.564	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	299103	51.332	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	303366	50.573	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	291054	50.535	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	48976	53.493	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	203670	51.884	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	187861	52.682	ug/L	99
69) Naphthalene	13.54	128	630553	55.836	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	185257	53.914	ug/L	98

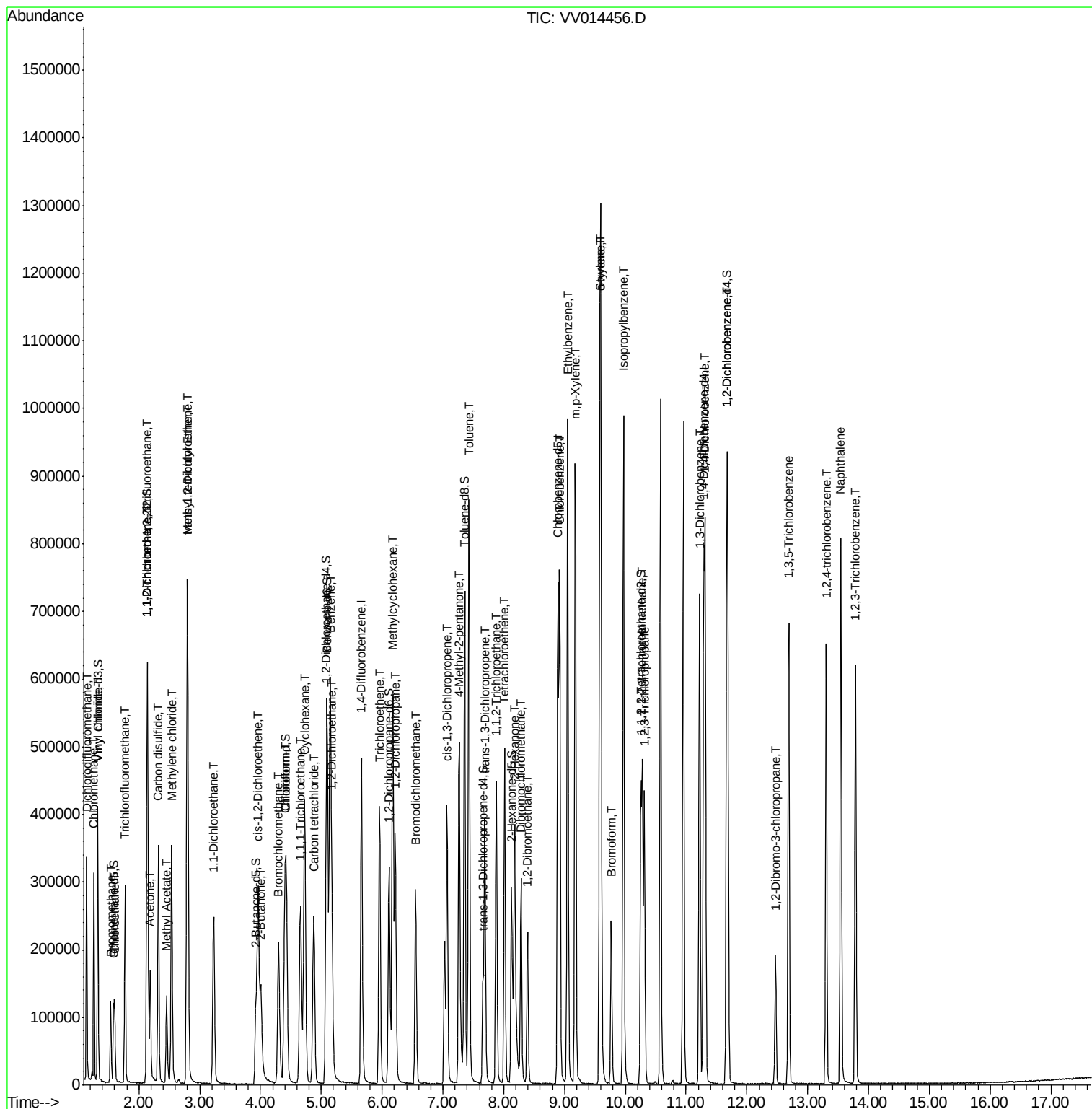
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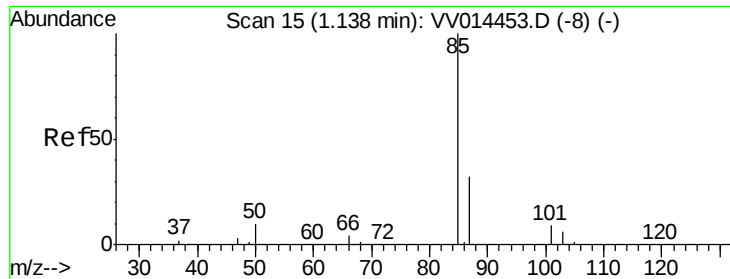
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#2

Dichlorodifluoromethane

Concen: 50.759 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

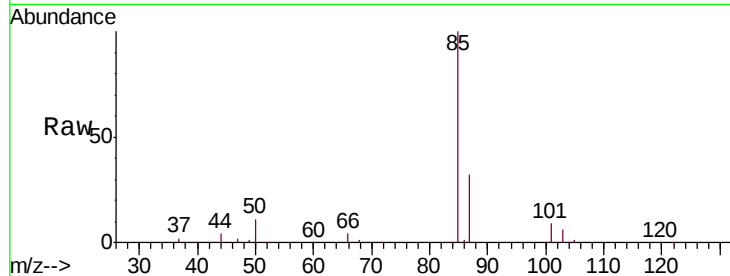
VICV64

Tgt Ion: 85 Resp: 178061

Ion Ratio Lower Upper

85 100

87 31.7 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

200000

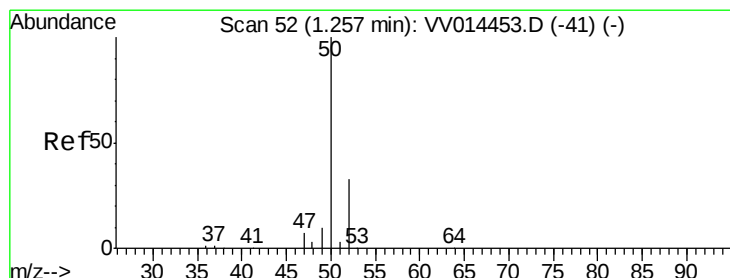
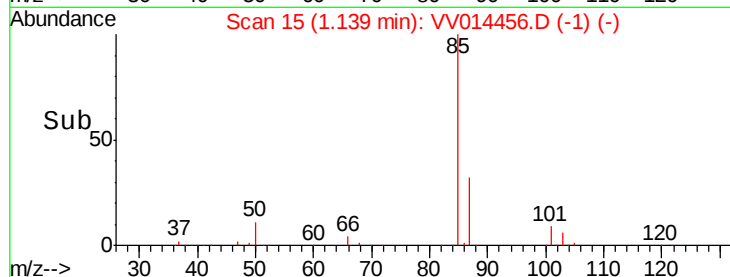
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 52.300 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014456.D

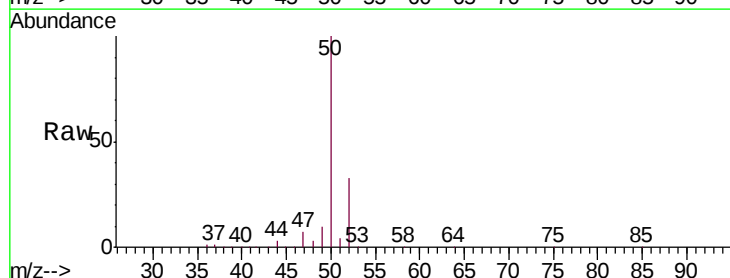
Acq: 31 Jan 2020 16:33

Tgt Ion: 50 Resp: 191552

Ion Ratio Lower Upper

50 100

52 32.6 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

1.26

200000

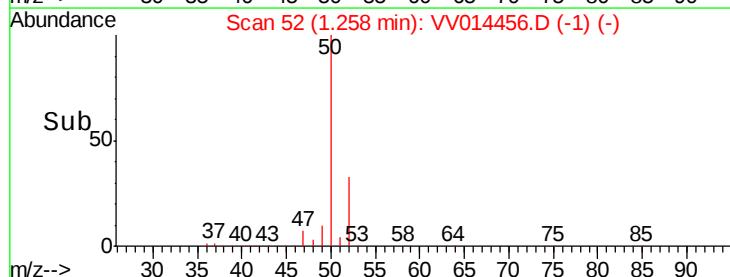
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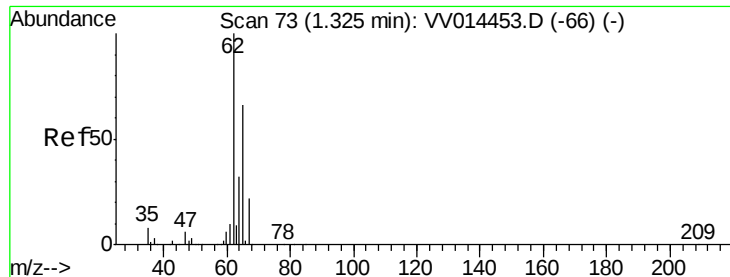
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 49.268 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

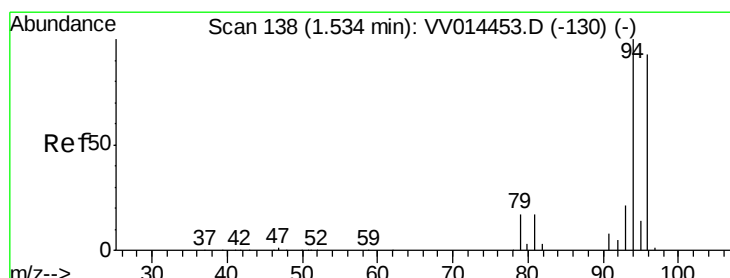
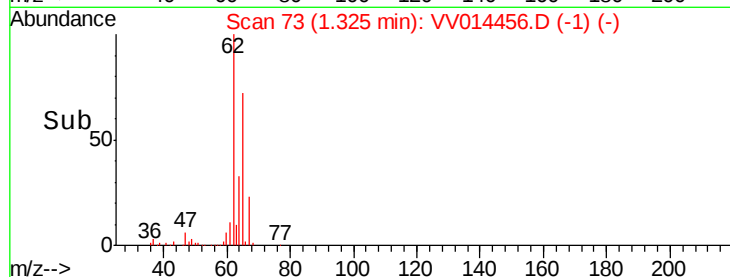
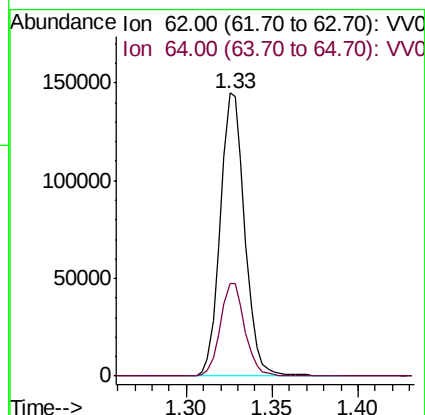
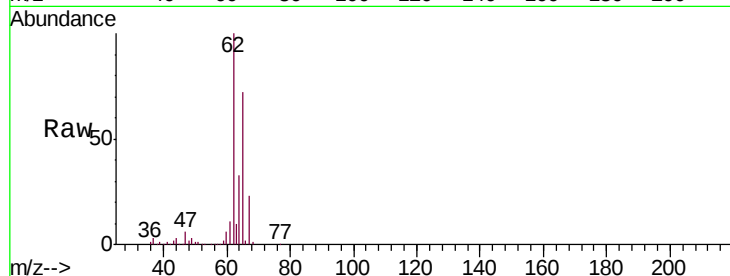
VICV64

Tgt Ion: 62 Resp: 145000

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.1



#6

Bromomethane

Concen: 53.390 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014456.D

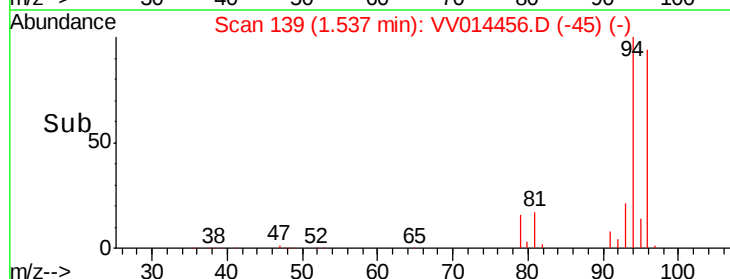
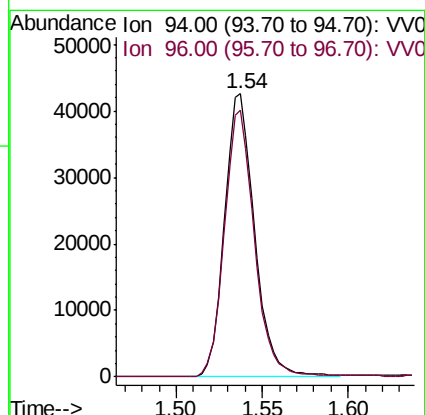
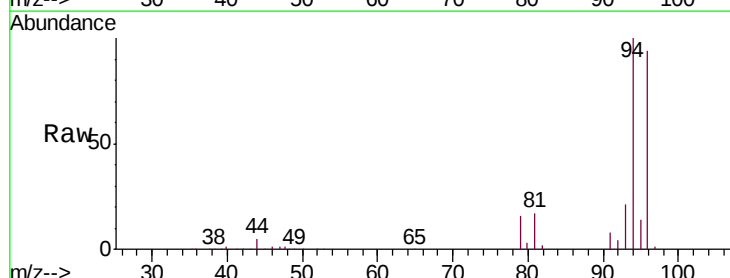
Acq: 31 Jan 2020 16:33

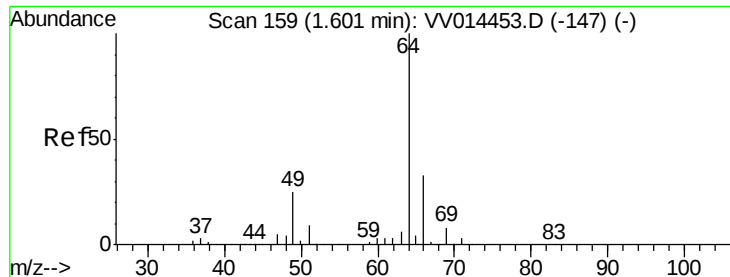
Tgt Ion: 94 Resp: 52354

Ion Ratio Lower Upper

94 100

96 94.1 65.0 120.8





#8

Chloroethane

Concen: 49.640 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

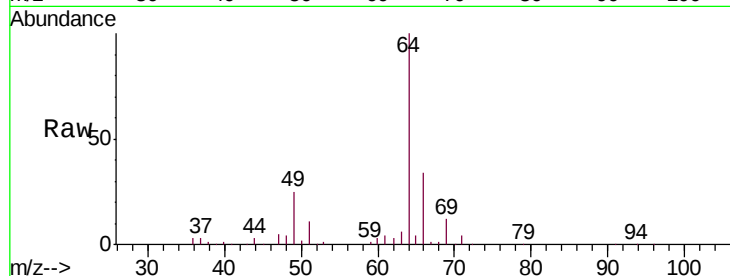
VICV64

Tgt Ion: 64 Resp: 64151

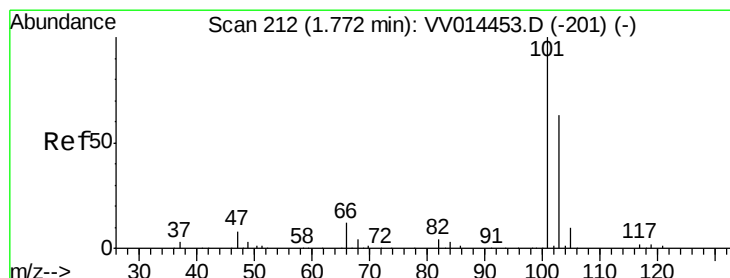
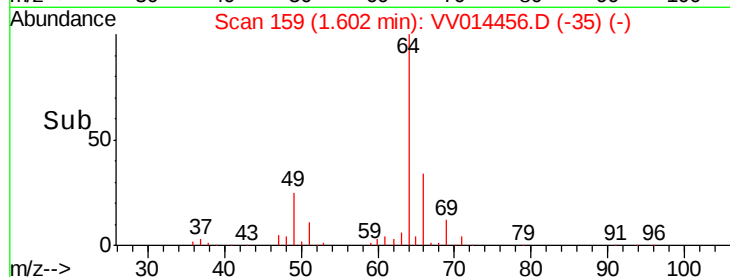
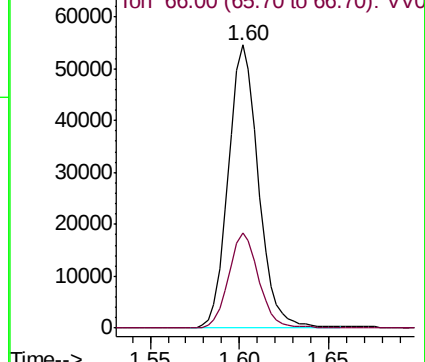
Ion Ratio Lower Upper

64 100

66 33.5 23.0 42.8



Abundance Ion 64.00 (63.70 to 64.70): VV014453.D (-147) (-)



#9

Trichlorofluoromethane

Concen: 50.486 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV014456.D

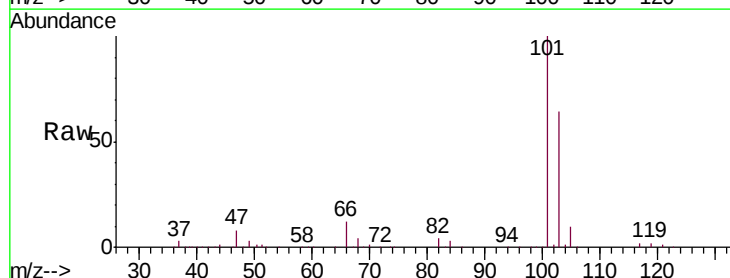
Acq: 31 Jan 2020 16:33

Tgt Ion: 101 Resp: 171079

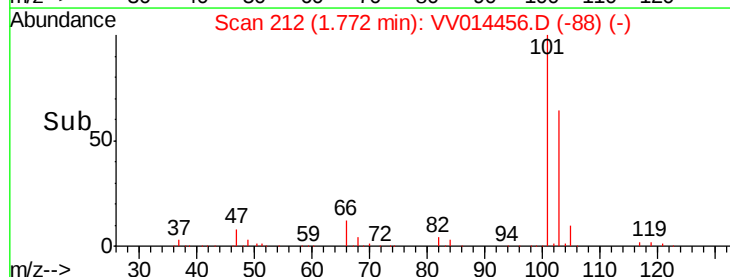
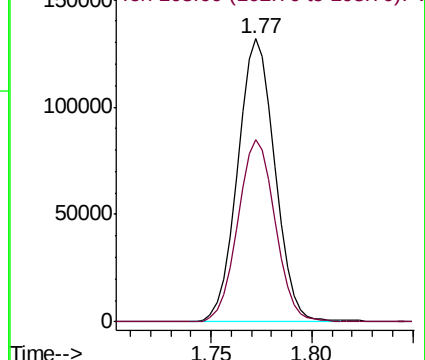
Ion Ratio Lower Upper

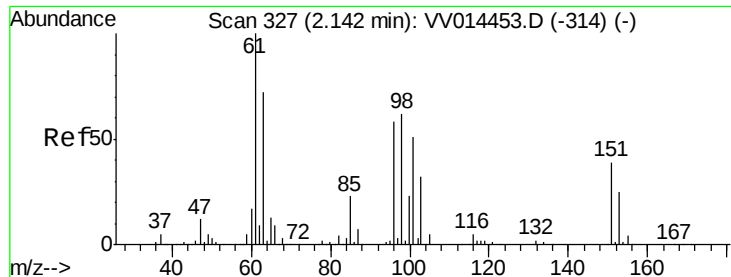
101 100

103 64.6 50.6 75.8



Abundance Ion 101.00 (100.70 to 101.70): VV014453.D (-201) (-)





#10

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

Concen: 51.052 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

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ClientSampleId :

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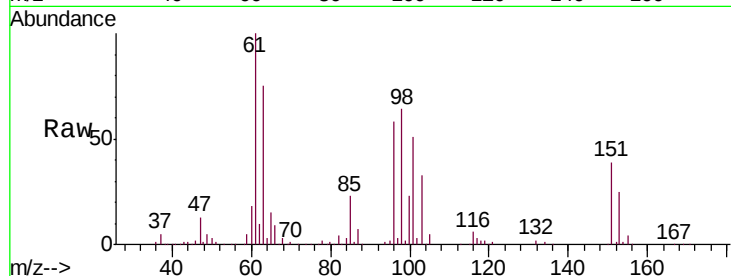
Tgt Ion: 101 Resp: 81106

Ion Ratio Lower Upper

101 100

85 43.3 34.6 51.8

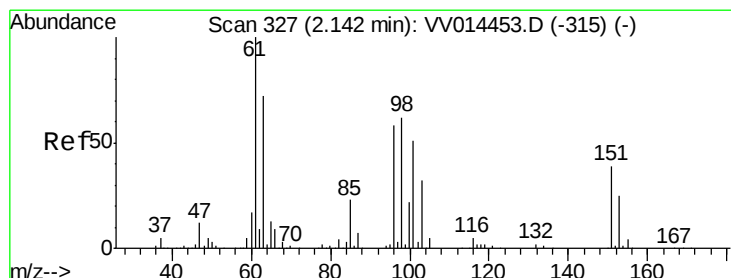
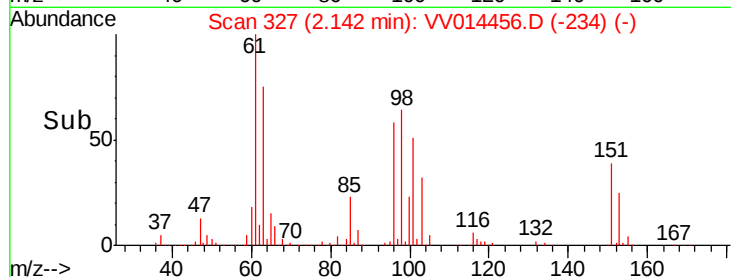
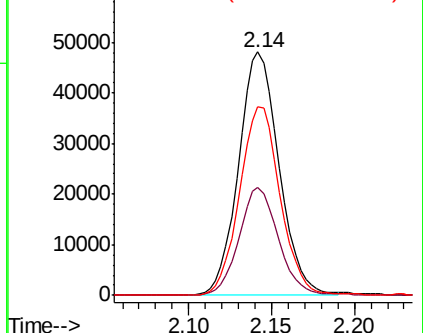
151 78.3 61.2 91.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 50.012 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

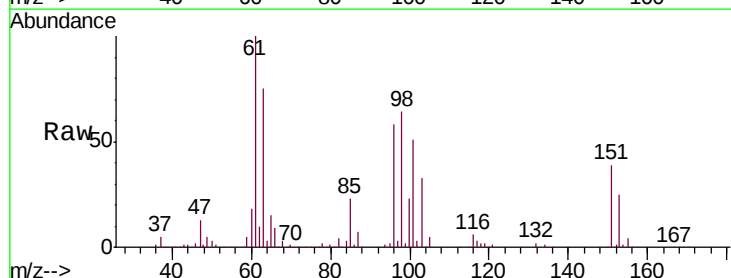
Tgt Ion: 96 Resp: 79827

Ion Ratio Lower Upper

96 100

61 172.5 120.5 223.7

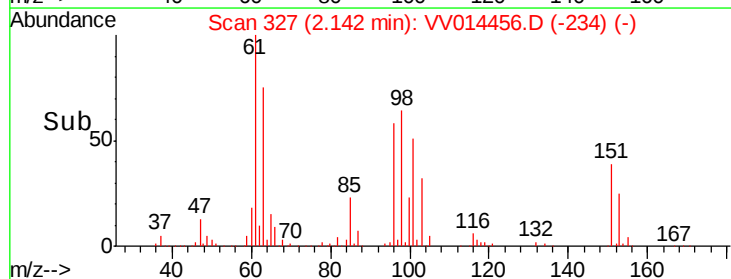
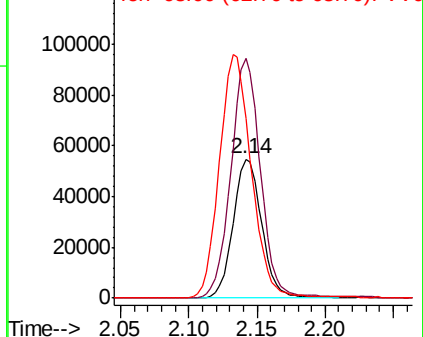
63 129.1 87.1 161.7

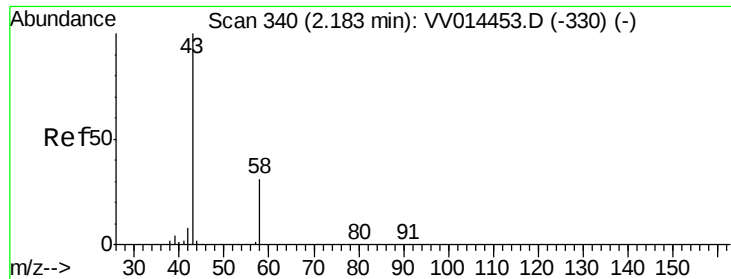


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 114.347 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014456.D

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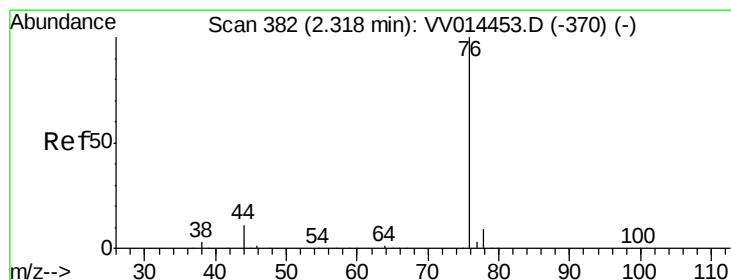
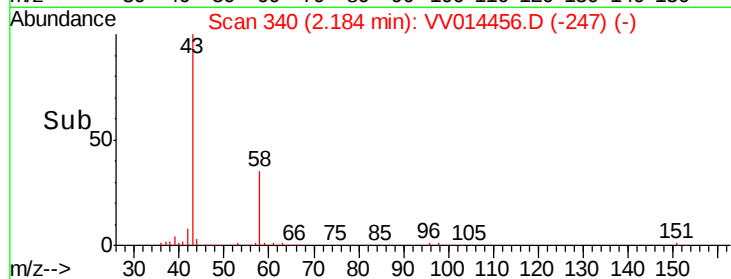
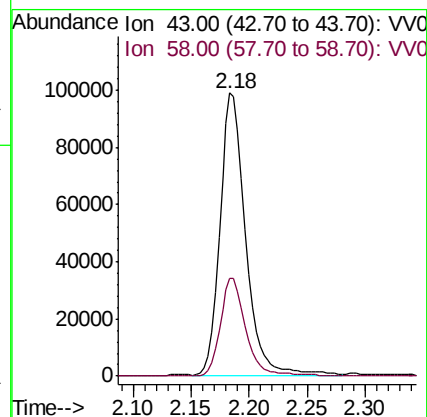
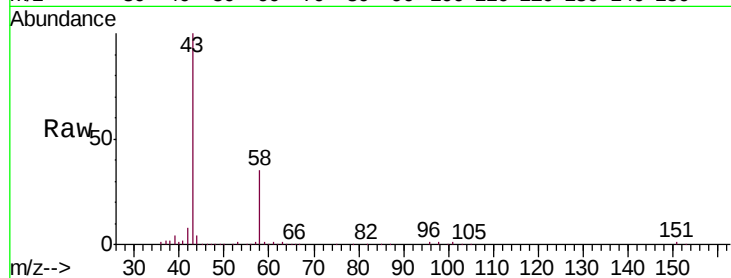
VICV64

Tgt Ion: 43 Resp: 152982

Ion Ratio Lower Upper

43 100

58 33.7 0.0 61.2



#14

Carbon disulfide

Concen: 51.667 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV014456.D

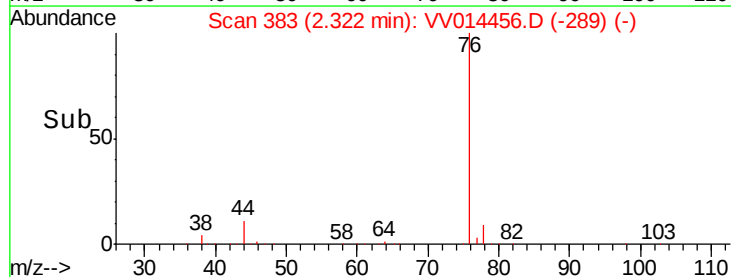
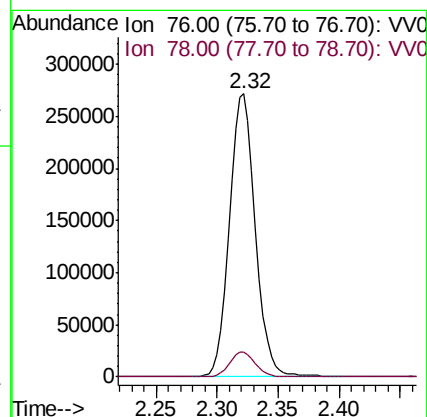
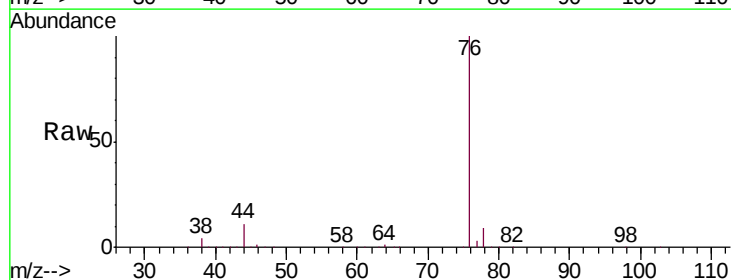
Acq: 31 Jan 2020 16:33

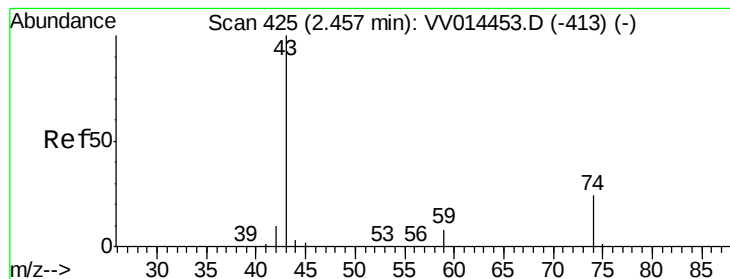
Tgt Ion: 76 Resp: 405040

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 54.993 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

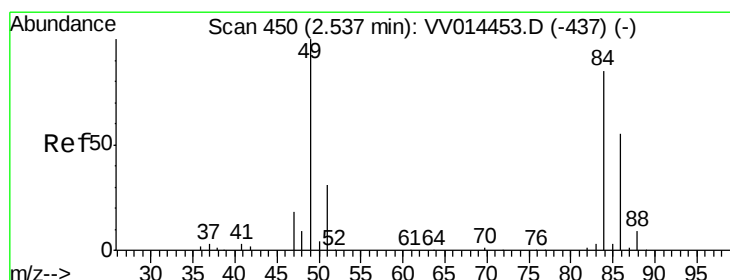
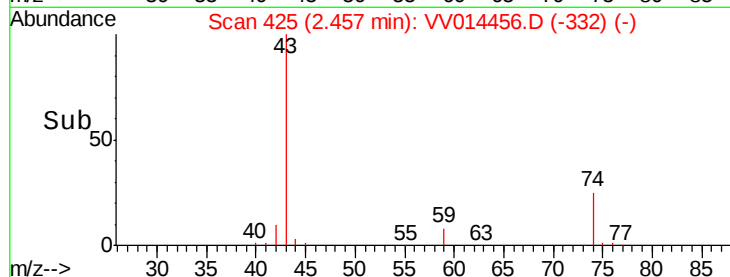
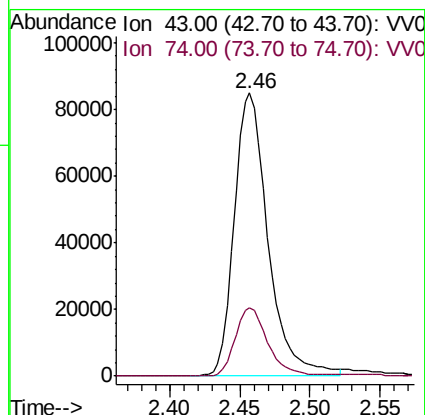
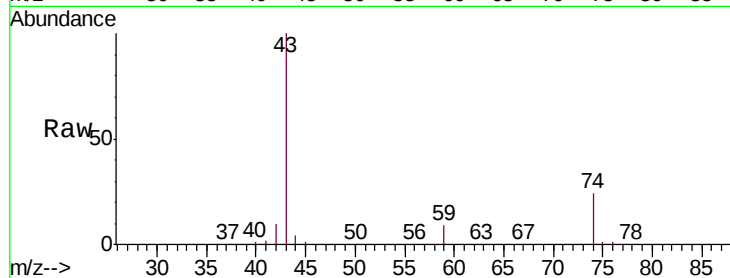
VICV64

Tgt Ion: 43 Resp: 141782

Ion Ratio Lower Upper

43 100

74 23.7 19.6 29.4



#16

Methylene chloride

Concen: 49.812 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

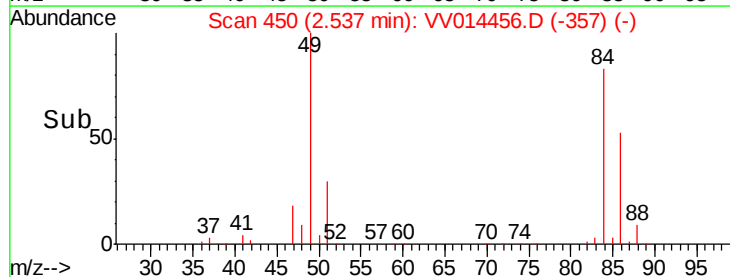
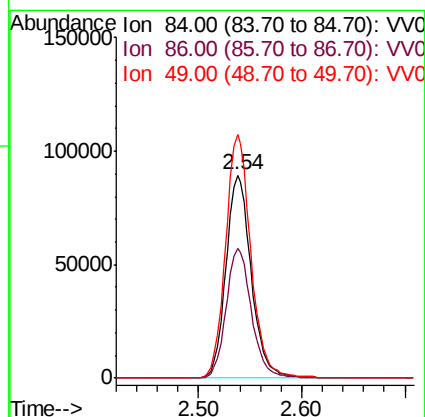
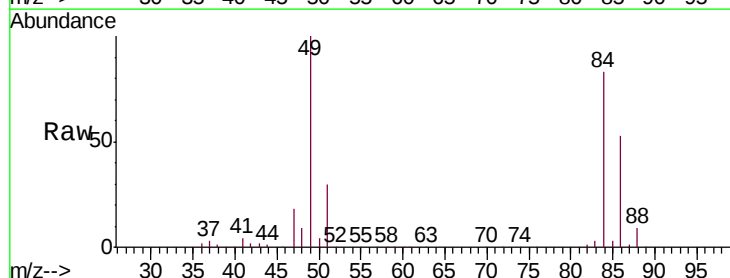
Tgt Ion: 84 Resp: 153088

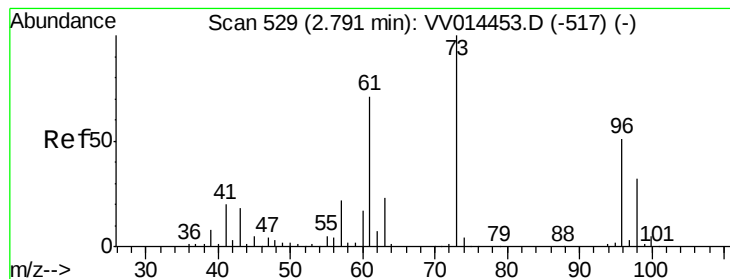
Ion Ratio Lower Upper

84 100

86 63.7 45.6 84.8

49 120.0 82.7 153.7





#17

trans-1,2-Dichloroethene

Concen: 52.224 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

VICV64

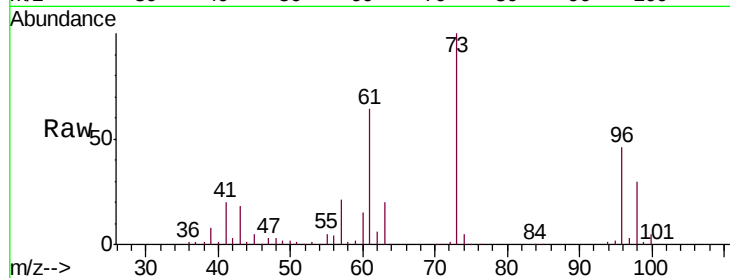
Tgt Ion: 96 Resp: 144583

Ion Ratio Lower Upper

96 100

61 138.0 96.7 179.7

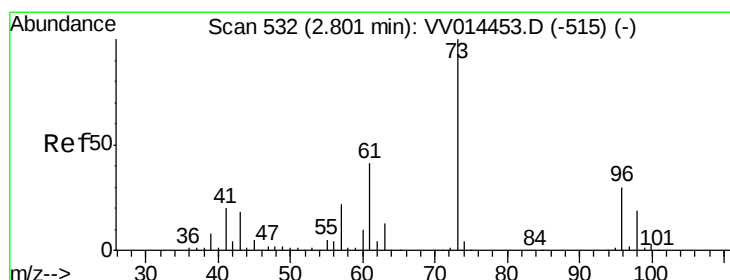
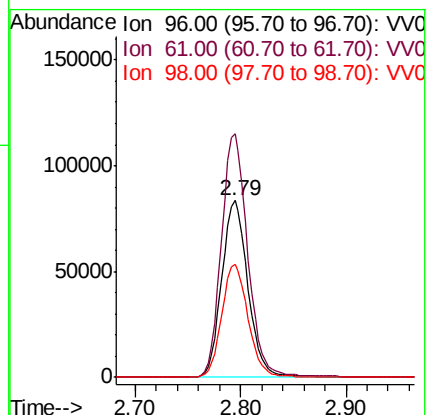
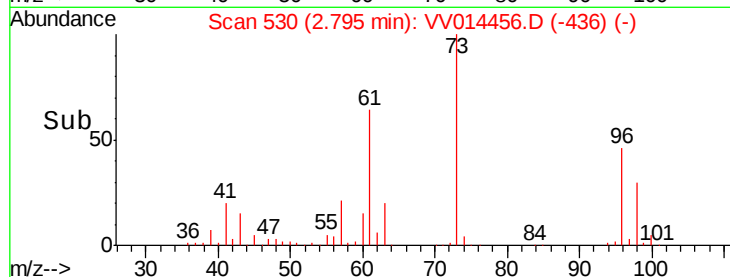
98 64.2 44.1 81.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 51.749 ug/L

RT: 2.80 min Scan# 532

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

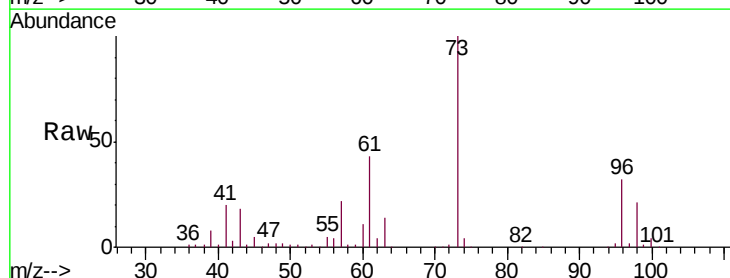
Tgt Ion: 73 Resp: 440681

Ion Ratio Lower Upper

73 100

43 17.6 14.1 21.1

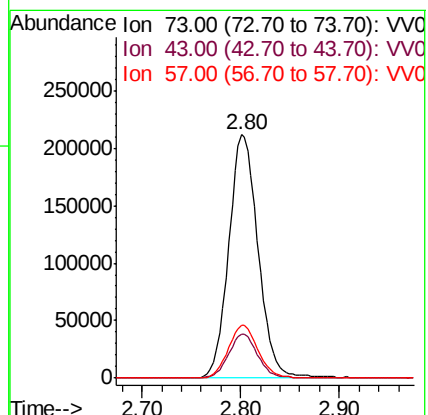
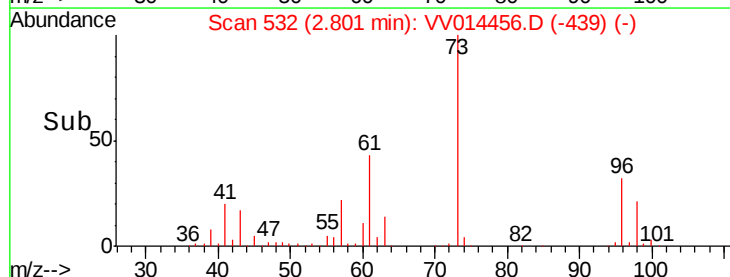
57 22.0 17.9 26.9

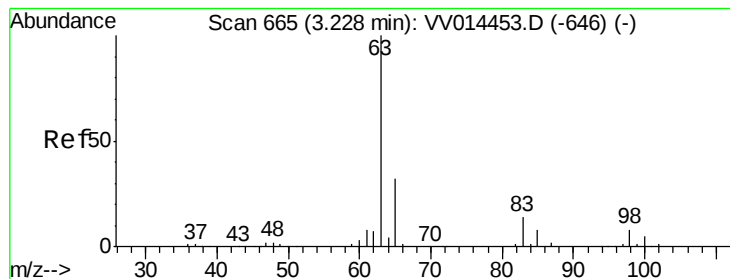


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 51.502 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

VICV64

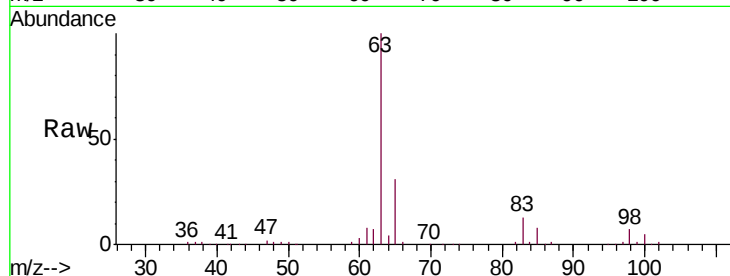
Tgt Ion: 63 Resp: 260177

Ion Ratio Lower Upper

63 100

65 30.8 22.1 41.1

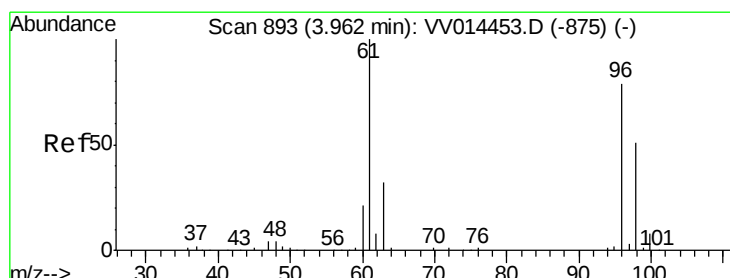
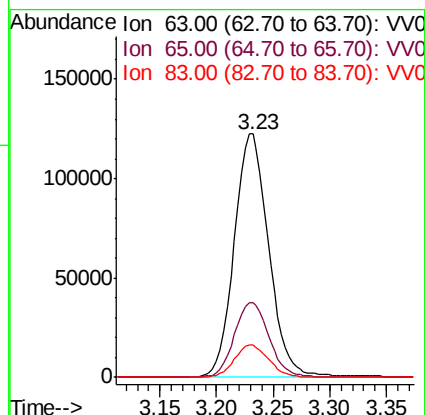
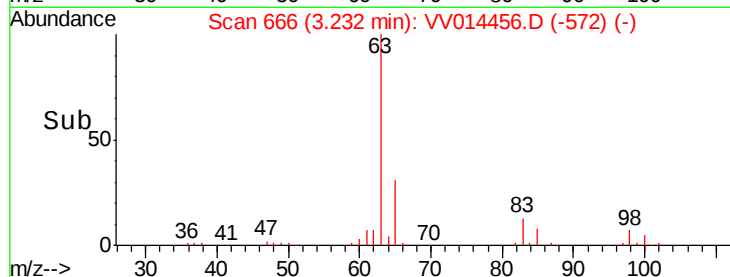
83 13.2 9.4 17.6



Abundance Ion 63.00 (62.70 to 63.70): VV014453.D (-646) (-)

Ion 65.00 (64.70 to 65.70): VV014453.D (-646) (-)

Ion 83.00 (82.70 to 83.70): VV014453.D (-646) (-)



#20

cis-1,2-Dichloroethene

Concen: 51.464 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

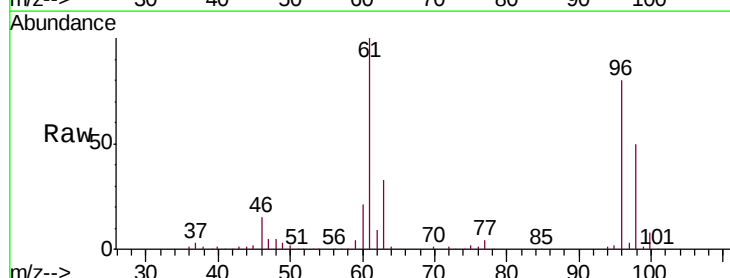
Tgt Ion: 96 Resp: 158906

Ion Ratio Lower Upper

96 100

61 125.7 88.9 165.1

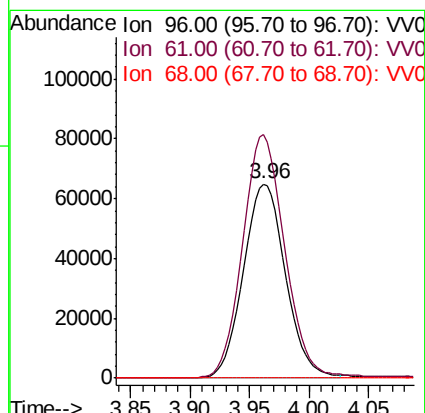
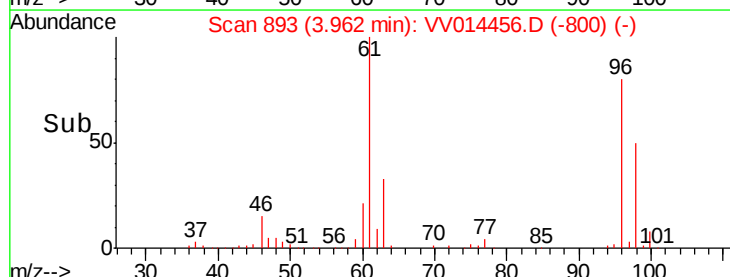
68 0.0 0.0 0.0

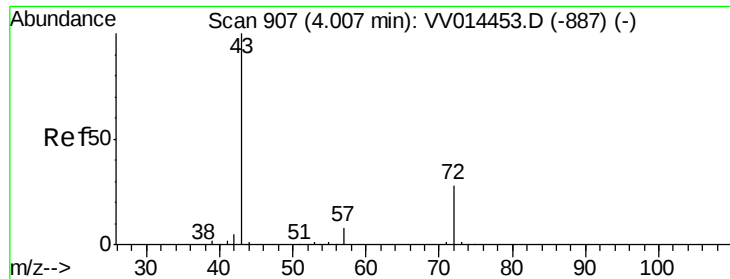


Abundance Ion 96.00 (95.70 to 96.70): VV014453.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV014453.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV014453.D (-875) (-)





#22

2-Butanone

Concen: 109.014 ug/L

RT: 4.01 min Scan# 907

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

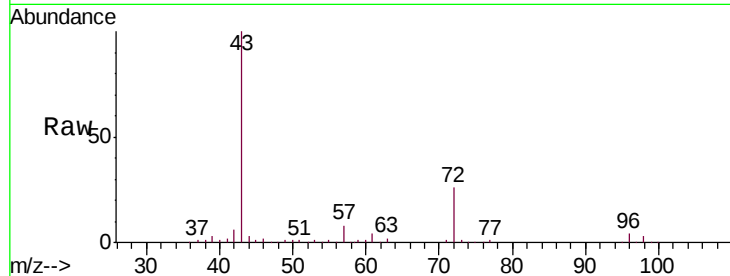
VICV64

Tgt Ion: 43 Resp: 210156

Ion Ratio Lower Upper

43 100

72 26.7 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV014453.D (-887) (-)

Ion 72.00 (71.70 to 72.70): VV014453.D (-887) (-)

80000

60000

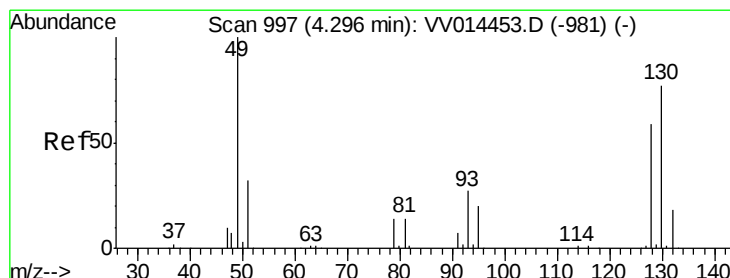
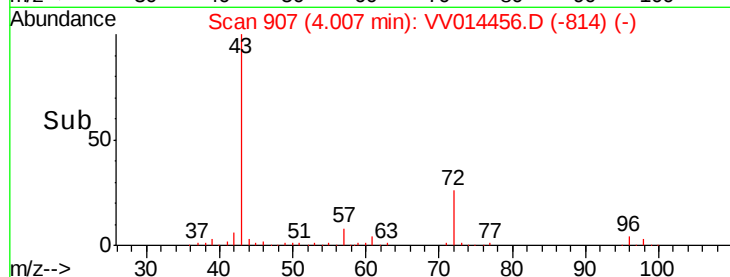
40000

20000

0

3.90 4.00 4.10

Time-->



#23

Bromochloromethane

Concen: 52.323 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Tgt Ion: 128 Resp: 75738

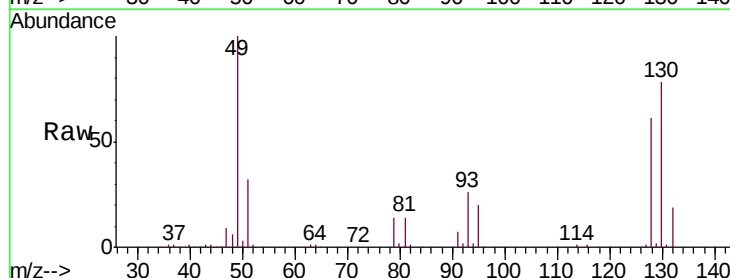
Ion Ratio Lower Upper

128 100

49 163.8 118.8 220.6

130 127.0 90.7 168.5

51 52.1 42.8 64.2



Abundance Ion 128.00 (127.70 to 128.70): VV014453.D (-981) (-)

Ion 49.00 (48.70 to 49.70): VV014453.D (-981) (-)

Ion 130.00 (129.70 to 130.70): VV014453.D (-981) (-)

Ion 51.00 (50.70 to 51.70): VV014453.D (-981) (-)

80000

60000

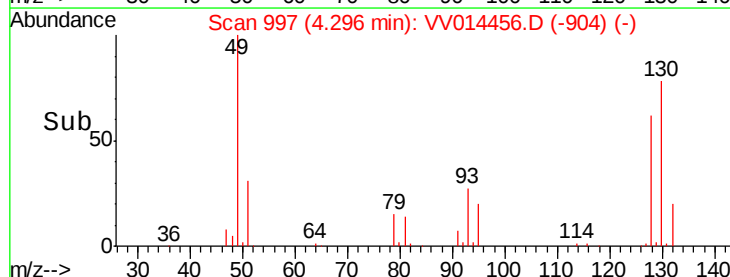
40000

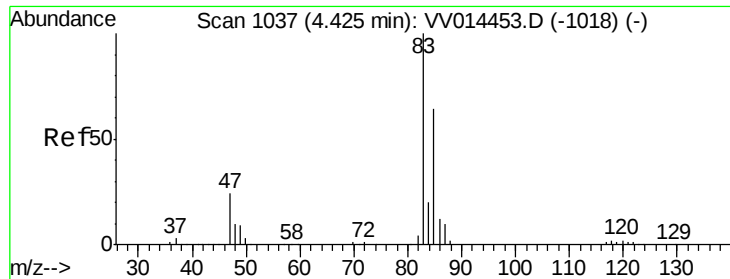
20000

0

4.20 4.30 4.40

Time-->

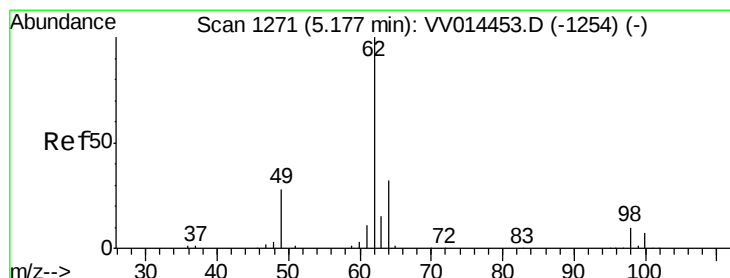
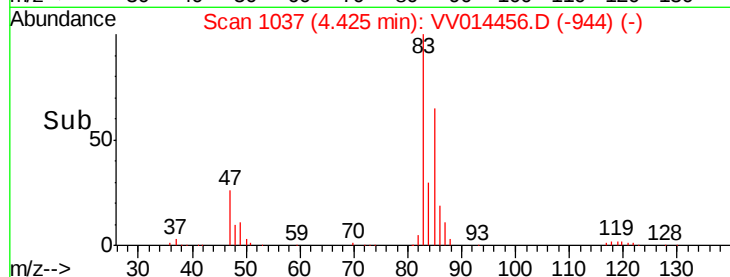
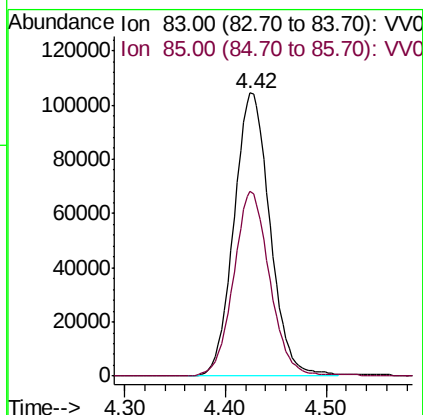
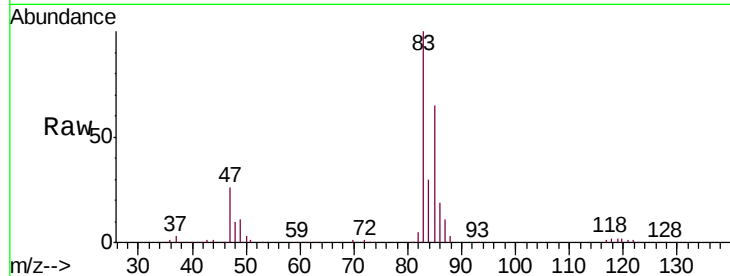




#25
Chloroform
Concen: 50.852 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014456.D
Acq: 31 Jan 2020 16:33

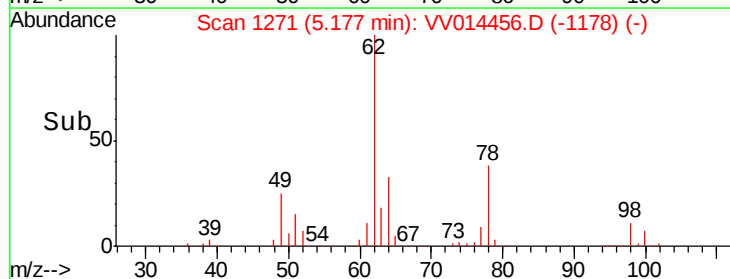
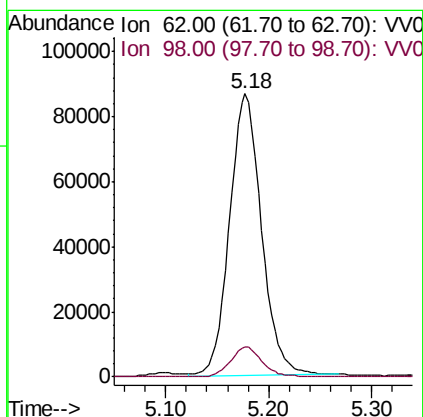
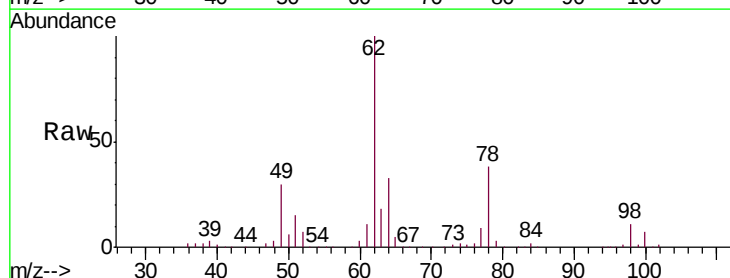
Instrument :
MSVOA_V
ClientSampleId :
VICV64

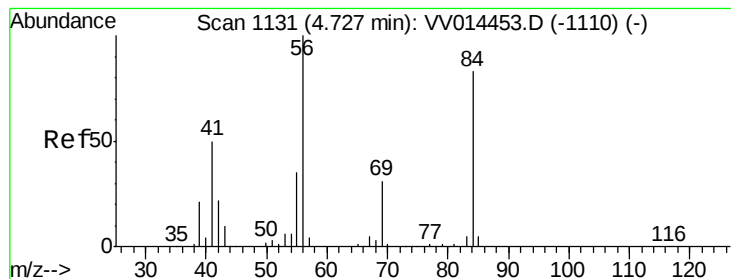
Tgt Ion: 83 Resp: 258762
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 51.619 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV014456.D
Acq: 31 Jan 2020 16:33

Tgt Ion: 62 Resp: 186748
Ion Ratio Lower Upper
62 100
98 10.8 8.0 12.0





#29

Cyclohexane

Concen: 51.454 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampled :

VICV64

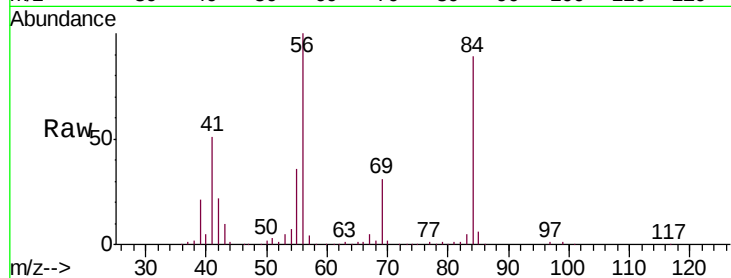
Tgt Ion: 56 Resp: 250538

Ion Ratio Lower Upper

56 100

69 30.5 24.9 37.3

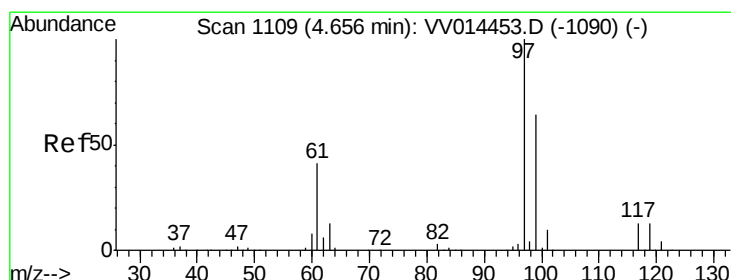
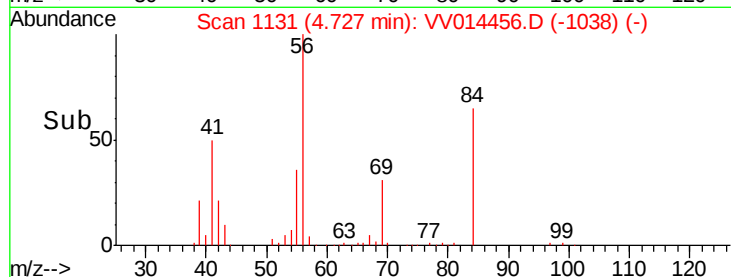
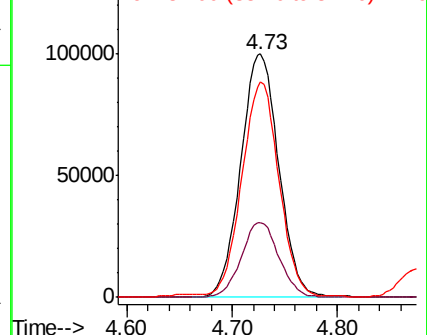
84 85.8 68.6 103.0



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 51.375 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

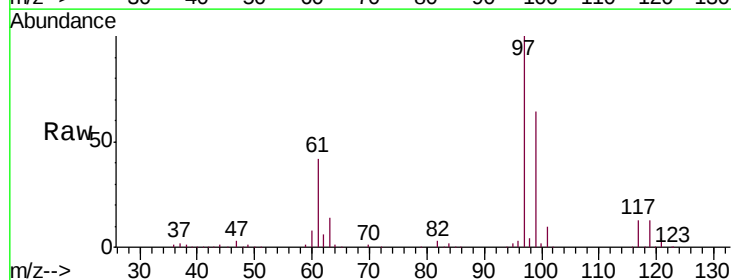
Tgt Ion: 97 Resp: 219418

Ion Ratio Lower Upper

97 100

99 63.2 50.6 76.0

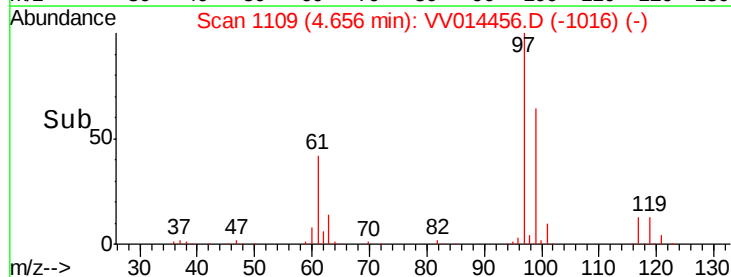
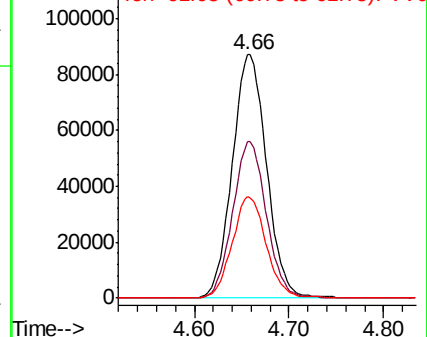
61 40.8 33.0 49.4

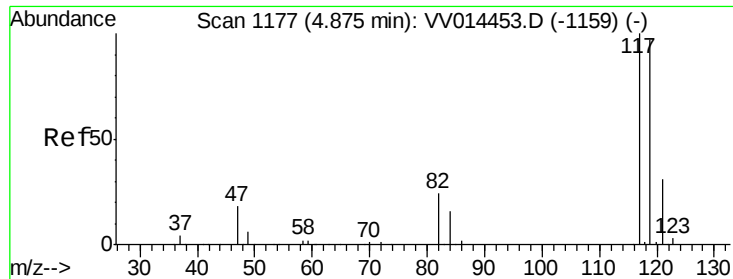


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 50.850 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

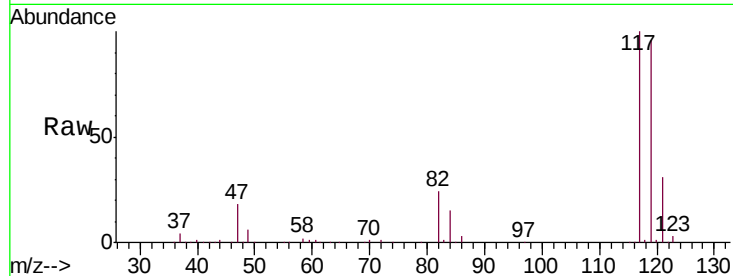
VICV64

Tgt Ion:117 Resp: 189489

Ion Ratio Lower Upper

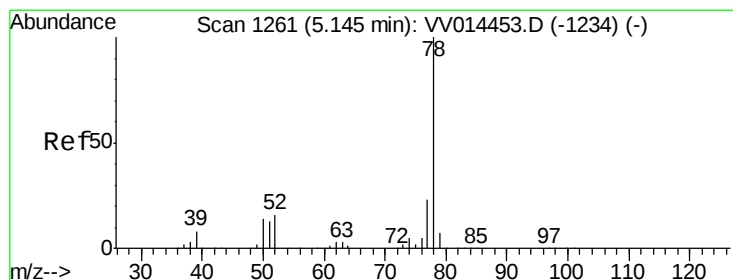
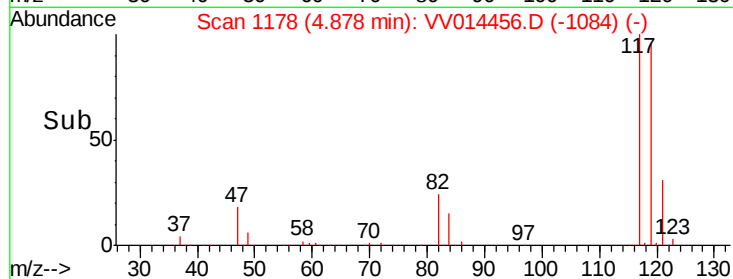
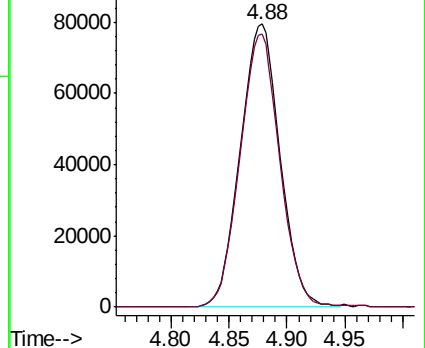
117 100

119 96.3 77.8 116.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.625 ug/L

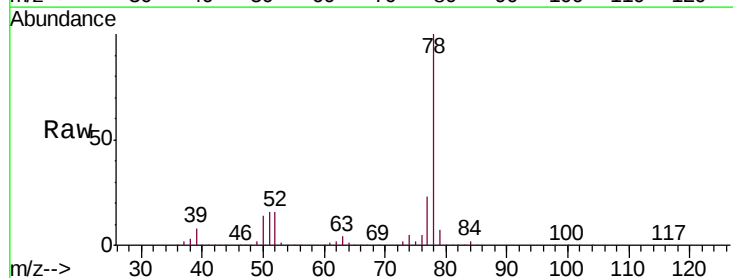
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

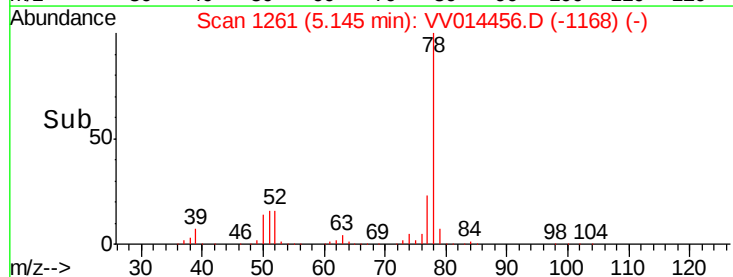
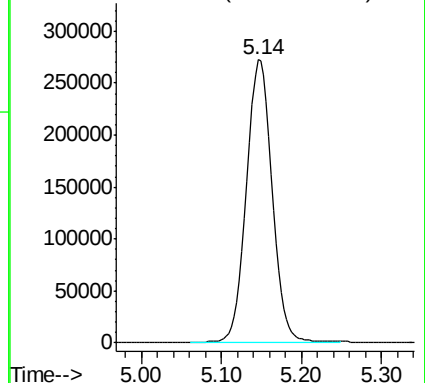
Lab File: VV014456.D

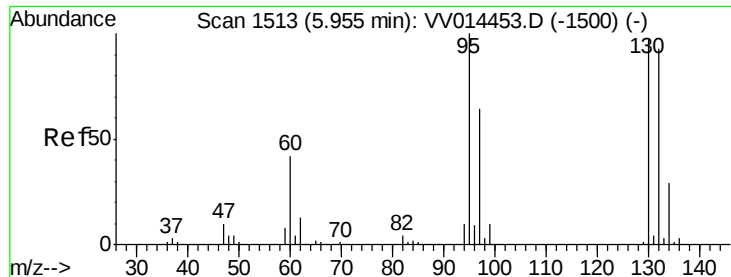
Acq: 31 Jan 2020 16:33

Tgt Ion: 78 Resp: 595346



Abundance Ion 78.00 (77.70 to 78.70): VV0

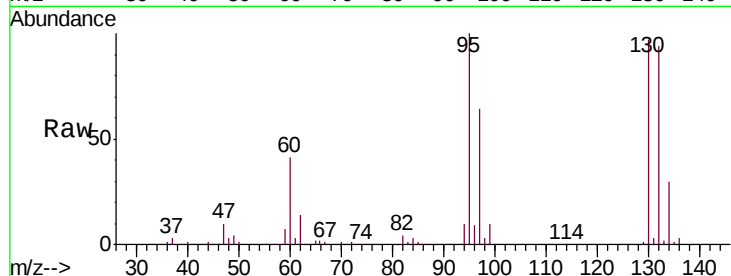




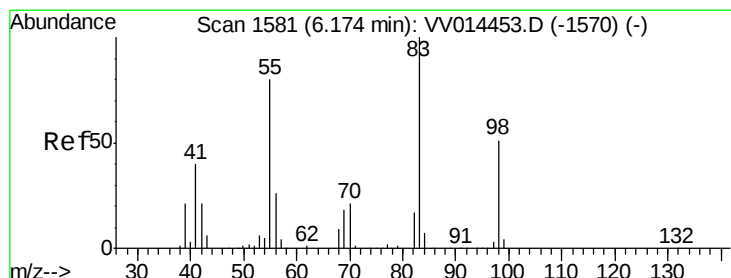
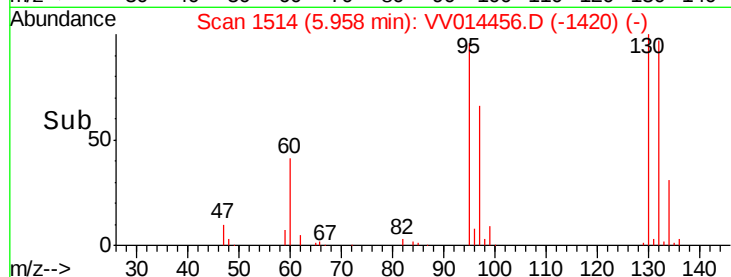
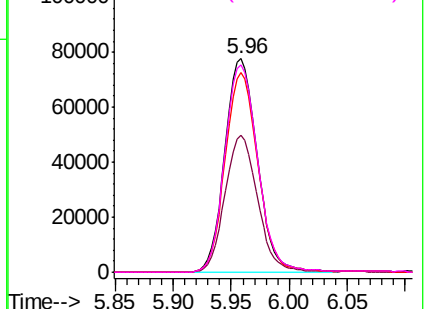
#34
 Trichloroethene
 Concen: 50.937 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Tgt Ion: 95 Resp: 151294
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.7 83.1
 132 93.7 65.4 121.4
 130 97.0 67.7 125.7

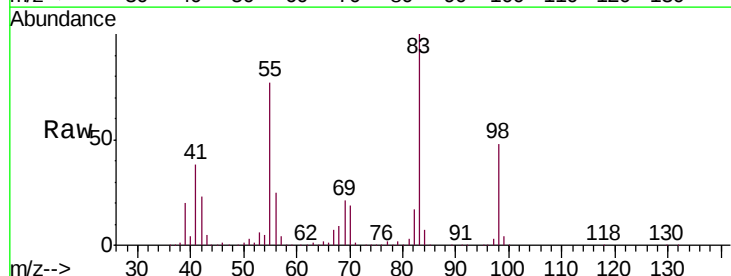


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

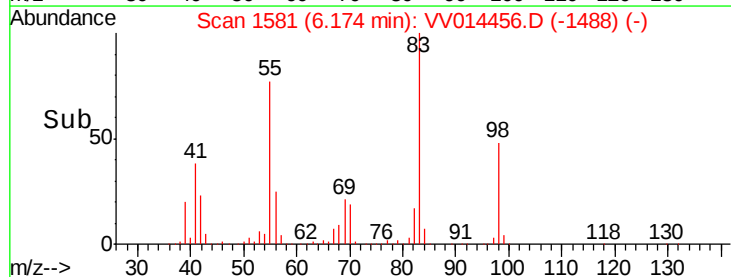
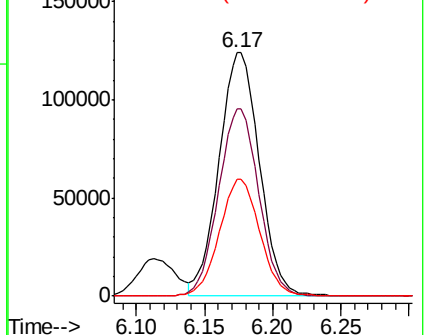


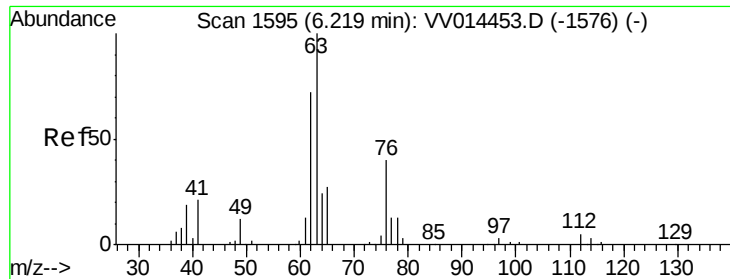
#35
 Methylcyclohexane
 Concen: 51.376 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

Tgt Ion: 83 Resp: 253556
 Ion Ratio Lower Upper
 83 100
 55 77.1 60.4 90.6
 98 48.2 39.2 58.8



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

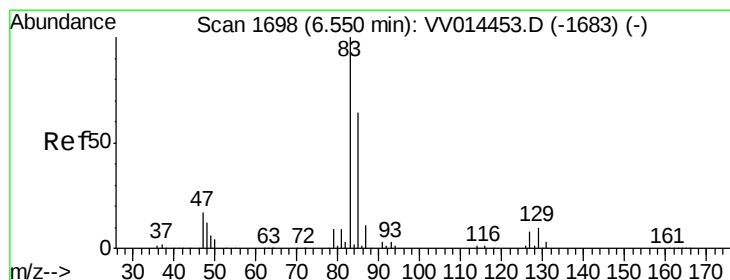
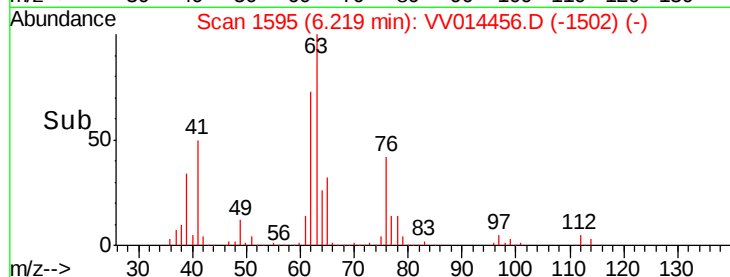
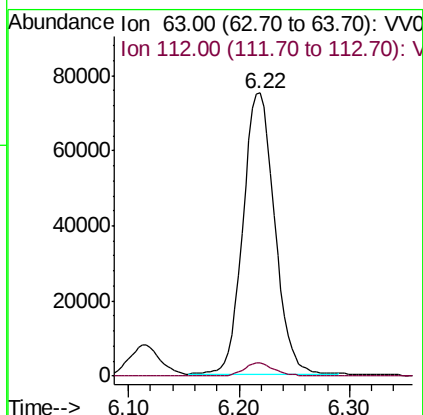
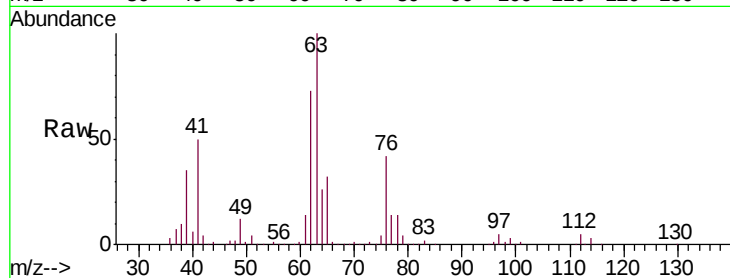




#37
 1,2-Dichloropropane
 Concen: 50.757 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

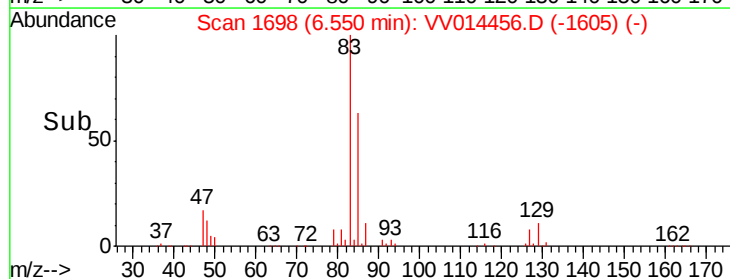
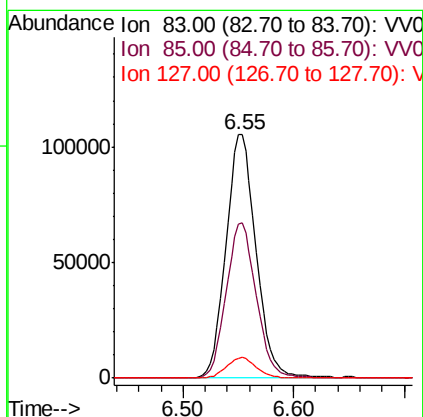
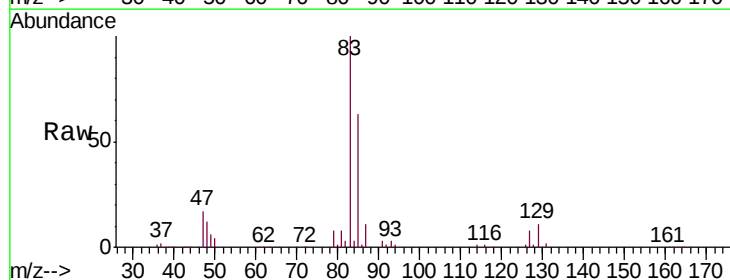
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

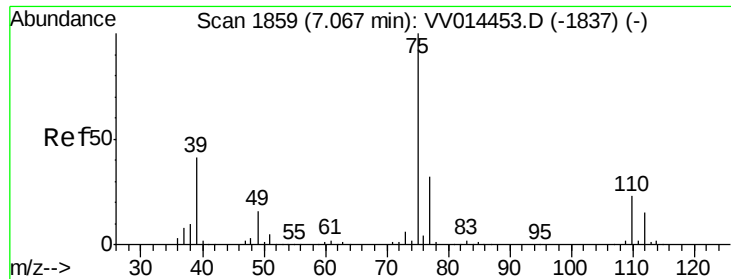
Tgt Ion: 63 Resp: 149165
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.8 5.6



#38
 Bromodichloromethane
 Concen: 50.410 ug/L
 RT: 6.55 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

Tgt Ion: 83 Resp: 198356
 Ion Ratio Lower Upper
 83 100
 85 63.2 44.9 83.3
 127 8.2 6.3 9.5

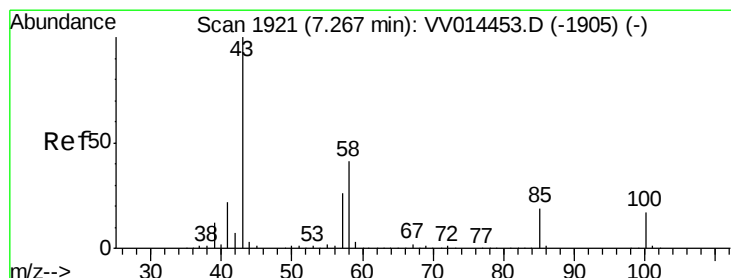
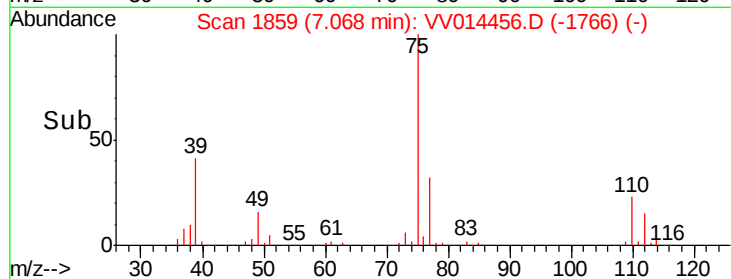
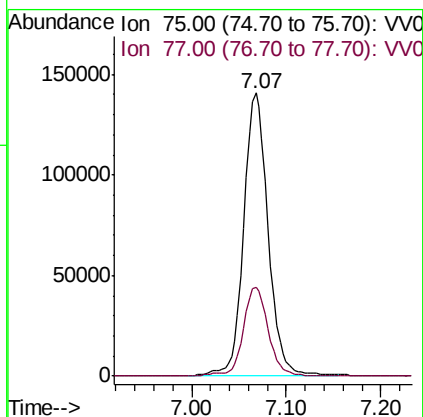
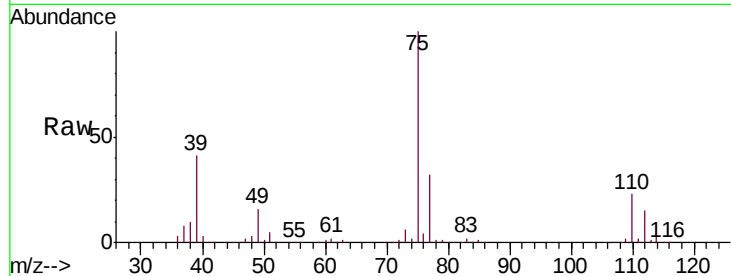




#39
 cis-1,3-Dichloropropene
 Concen: 52.435 ug/L
 RT: 7.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

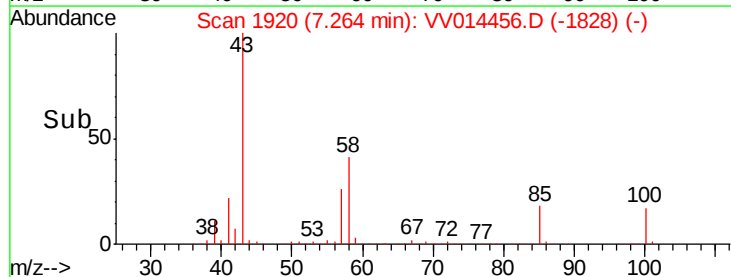
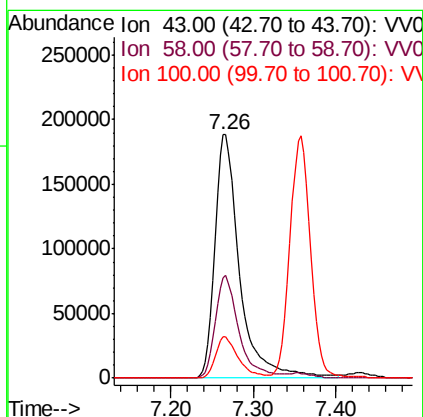
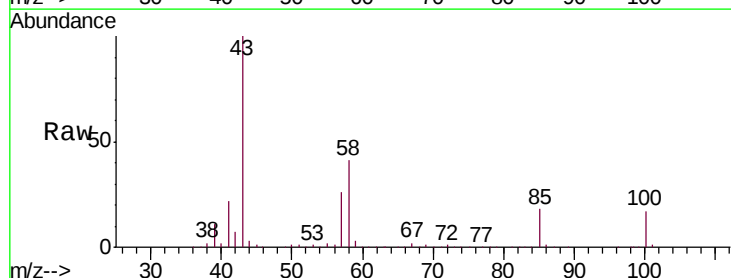
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

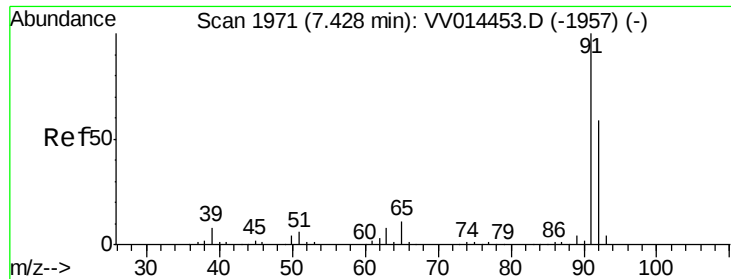
Tgt Ion: 75 Resp: 253388
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 109.348 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

Tgt Ion: 43 Resp: 388504
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.9 47.9
 100 15.9 12.2 18.4





#42

Toluene

Concen: 50.933 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

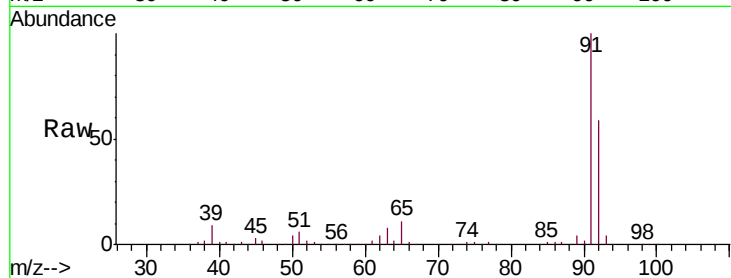
VICV64

Tgt Ion: 91 Resp: 627007

Ion Ratio Lower Upper

91 100

92 59.5 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.43

400000

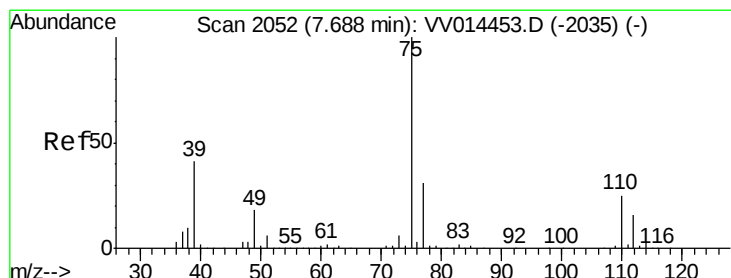
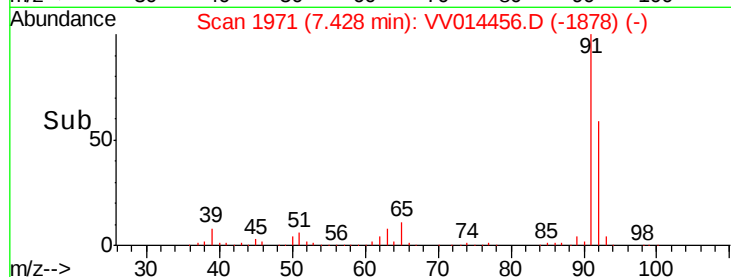
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 52.043 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VV014456.D

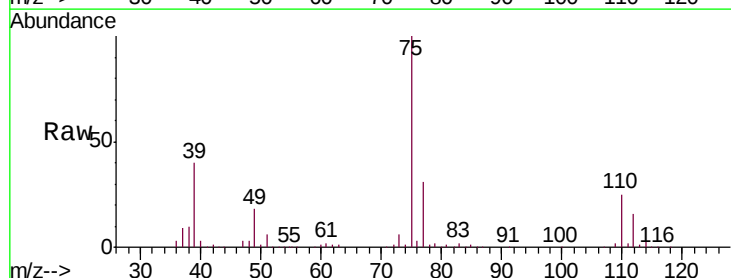
Acq: 31 Jan 2020 16:33

Tgt Ion: 75 Resp: 223348

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

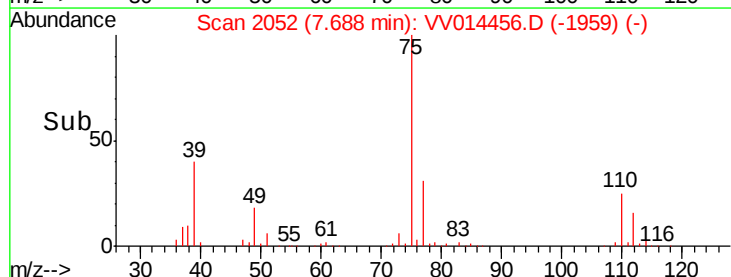
150000

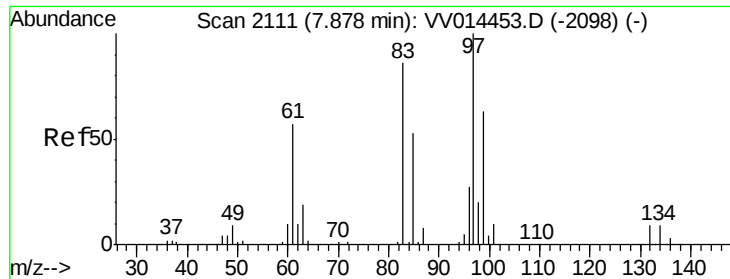
100000

50000

0

Time-->

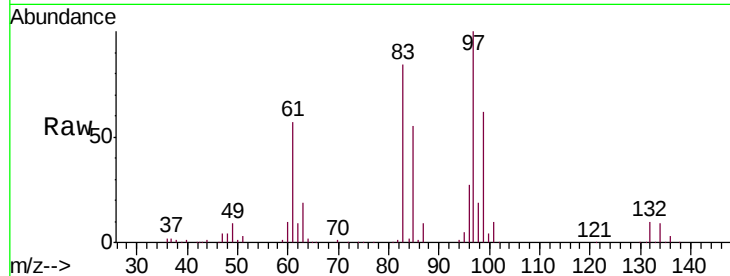




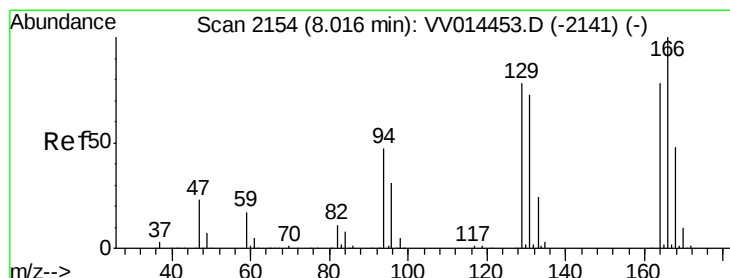
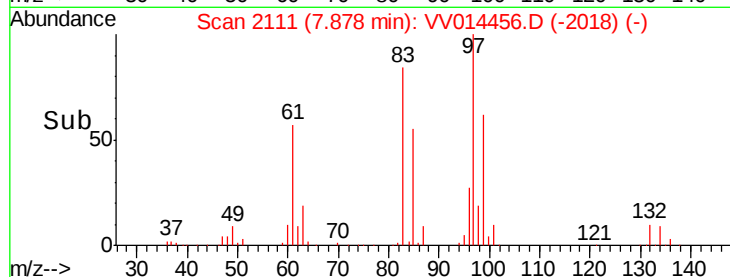
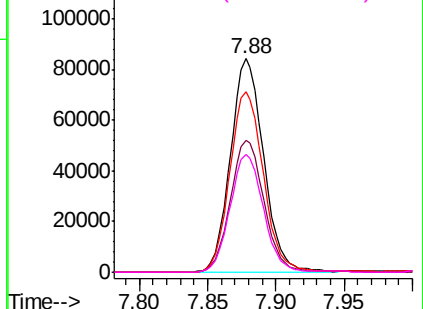
#45
 1,1,2-Trichloroethane
 Concen: 51.270 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Tgt Ion:	97	Resp:	142360
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	84.5	60.0	111.4
85	55.3	37.2	69.0

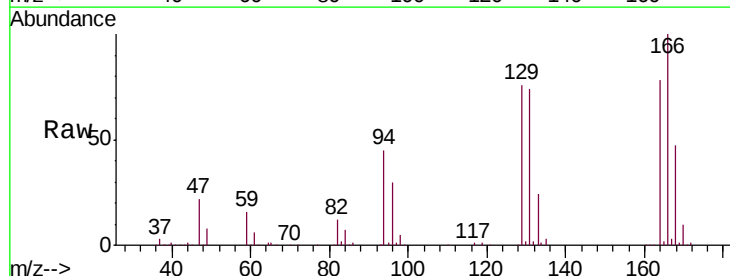


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

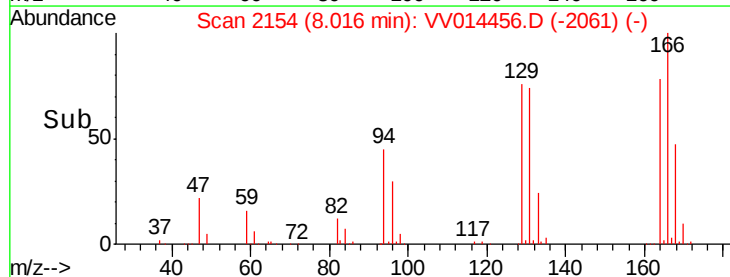
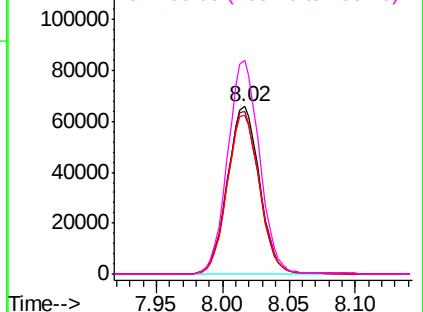


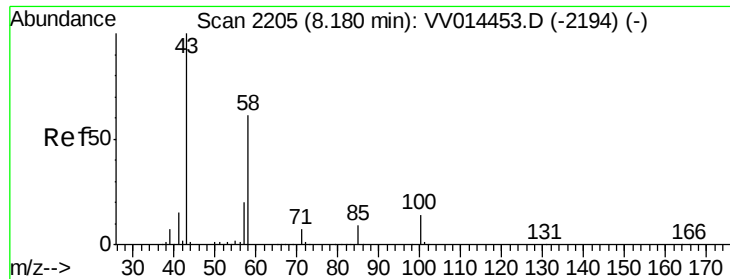
#46
 Tetrachloroethene
 Concen: 51.037 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV014456.D
 Acq: 31 Jan 2020 16:33

Tgt Ion:	164	Resp:	110864
Ion	Ratio	Lower	Upper
164	100		
129	97.4	70.4	130.8
131	94.9	65.5	121.7
166	127.8	89.9	166.9



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

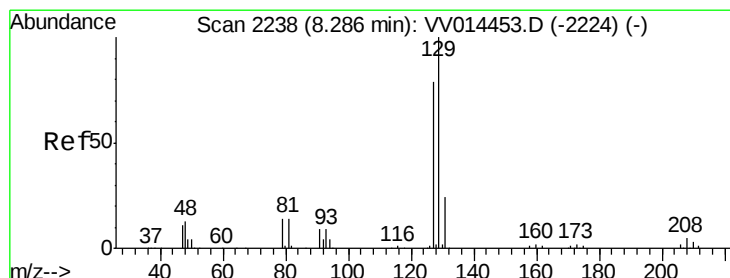
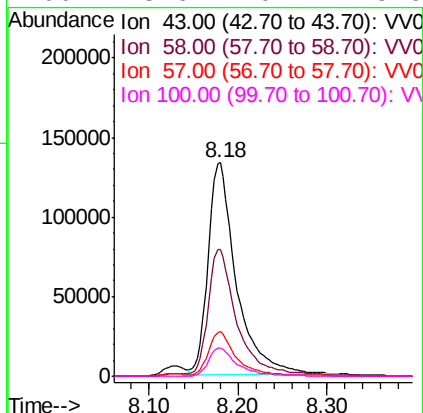
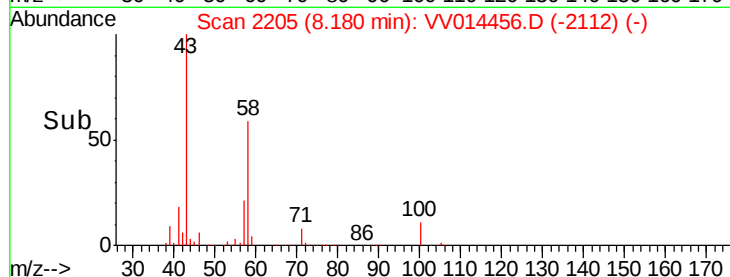
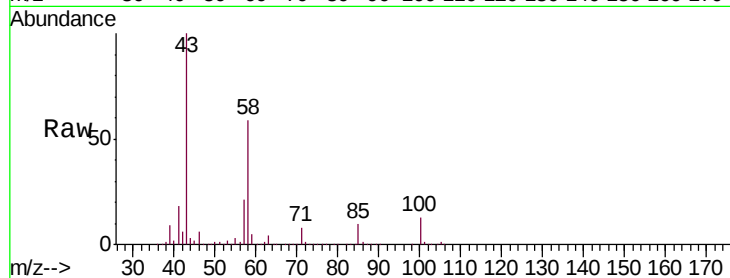




#48
2-Hexanone
Concen: 106.112 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV014456.D
Acq: 31 Jan 2020 16:33

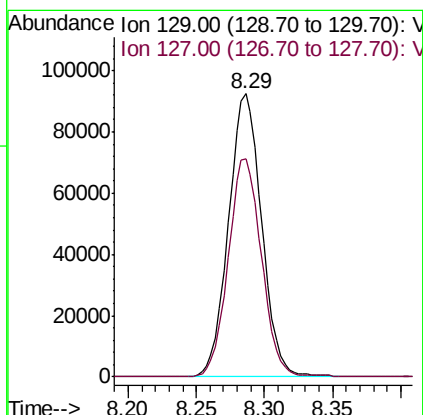
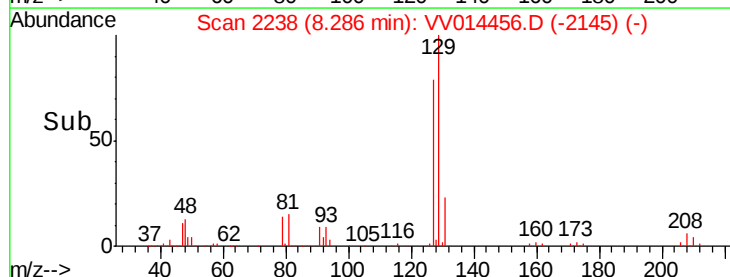
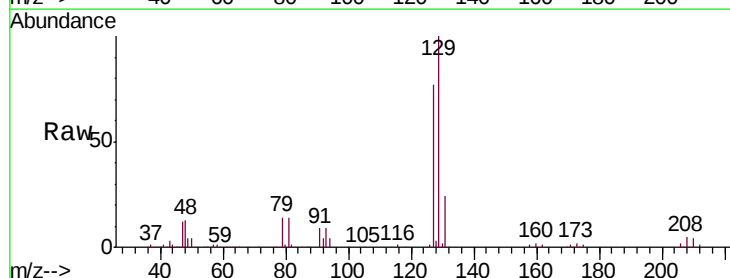
Instrument :
MSVOA_V
ClientSampleId :
VICV64

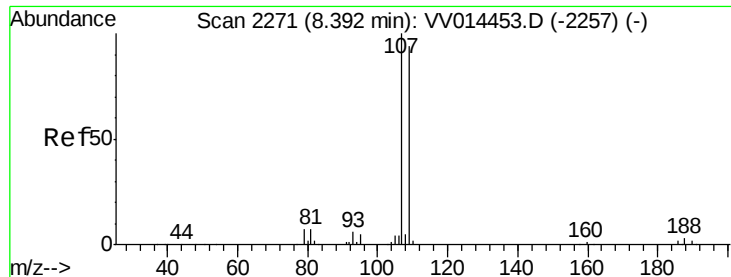
Tgt Ion: 43 Resp: 294909
Ion Ratio Lower Upper
43 100
58 57.2 48.0 72.0
57 19.4 15.0 22.6
100 13.6 10.4 15.6



#49
Dibromochloromethane
Concen: 51.081 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV014456.D
Acq: 31 Jan 2020 16:33

Tgt Ion: 129 Resp: 156052
Ion Ratio Lower Upper
129 100
127 76.9 55.1 102.3





#50

1,2-Dibromoethane

Concen: 51.452 ug/L

RT: 8.39 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

VICV64

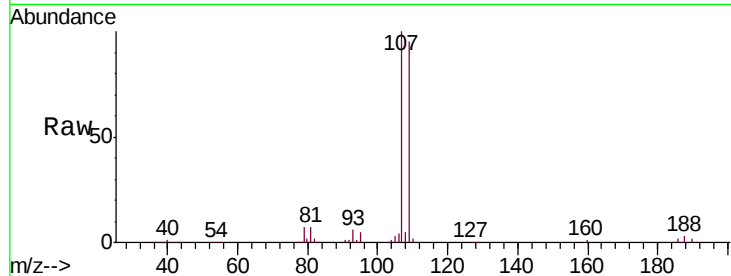
Tgt Ion:107 Resp: 152113

Ion Ratio Lower Upper

107 100

109 94.9 65.5 121.7

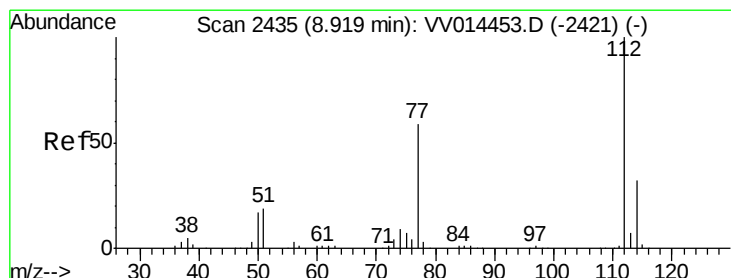
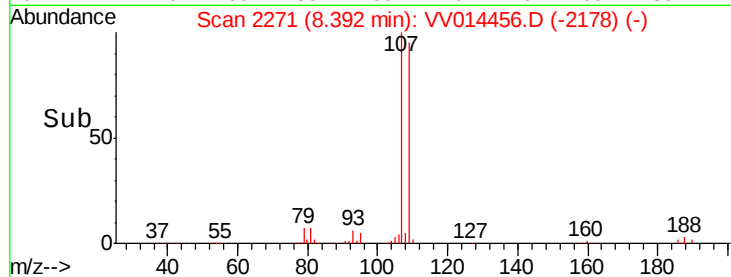
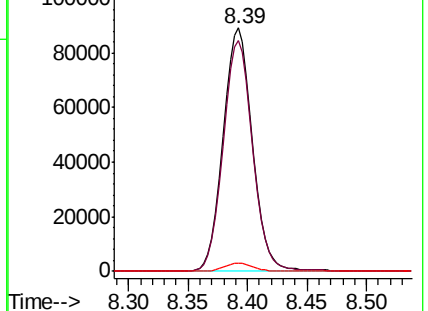
188 3.5 2.6 3.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 51.042 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VV014456.D

Acq: 31 Jan 2020 16:33

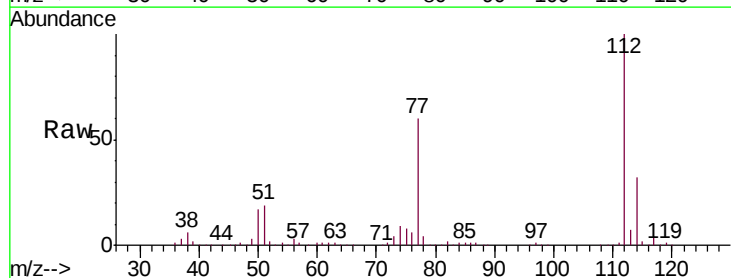
Tgt Ion:112 Resp: 401965

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.9

77 59.6 47.5 71.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

