

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR070518\
 Data File : VR025440.D
 Acq On : 5 Jul 2018 15:30
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

Quant Time: Jul 06 01:25:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 05 15:29:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	701714	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	572960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	228532	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	107757	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	2.62	69	88105	5.34	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	3.63	63	298036	5.08	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	6.59	46	323876	53.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.80%
24) Chloroform-d	7.20	84	475233	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	7.90	65	178267	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	1031287	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	8.90	67	283948	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	9.97	98	911903	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	10.24	79	74981	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	10.59	63	270061	56.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	123765	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	198488	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	212108	5.350 ug/L	97
3) Chloromethane	2.00	50	127493	5.425 ug/L	97
5) Vinyl chloride	2.16	62	119483	5.659 ug/L	96
6) Bromomethane	2.52	94	68562	5.518 ug/L	83
8) Chloroethane	2.66	64	68860	5.238 ug/L	92
9) Trichlorofluoromethane	2.98	101	76615	2.221 ug/L #	7
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	103172	4.912 ug/L	98
12) 1,1-Dichloroethene	3.65	96	107759	5.137 ug/L	87
13) Acetone	3.70	43	126293	46.652 ug/L	99
14) Carbon disulfide	3.96	76	247444	5.183 ug/L	98
15) Methyl Acetate	4.19	43	30388	5.017 ug/L	99
16) Methylene chloride	4.41	84	52549	2.557 ug/L	97
17) Methyl tert-butyl Ether	4.89	73	361037	5.280 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	267098	5.118 ug/L	95
19) 1,1-Dichloroethane	5.69	63	453807	5.069 ug/L	96
21) 2-Butanone	6.69	43	326650	51.800 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	261994	5.470 ug/L #	95

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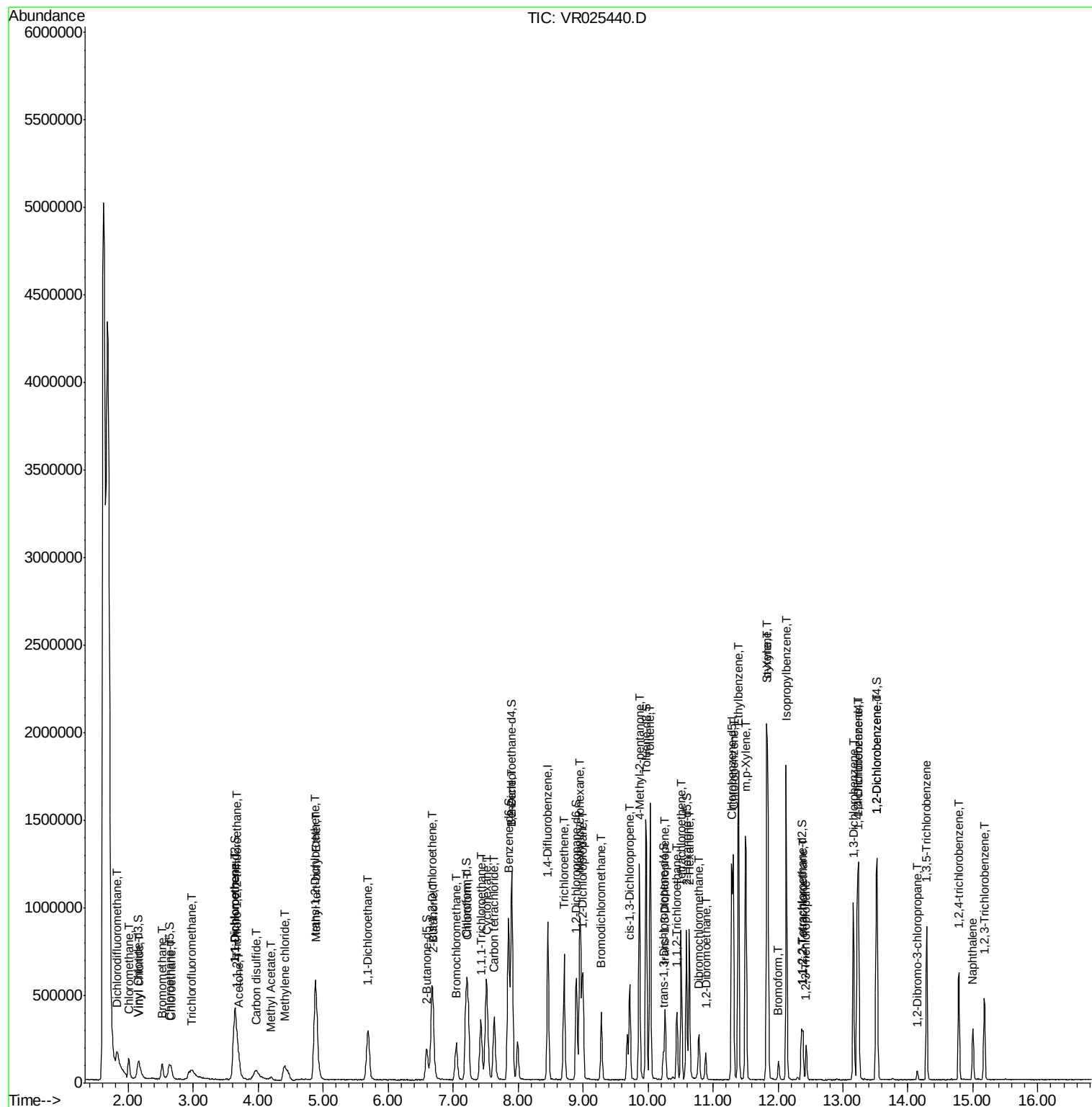
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	77961	5.056	ug/L	97
25) Chloroform	7.23	83	427771	4.974	ug/L	98
29) 1,1,1-Trichloroethane	7.42	97	288100	4.944	ug/L	99
30) Cyclohexane	7.51	56	372271	5.954	ug/L	97
31) Carbon tetrachloride	7.64	117	266378	5.167	ug/L	97
33) Benzene	7.91	78	1049727	5.315	ug/L	100
34) Trichloroethene	8.71	95	252616	5.024	ug/L	93
35) Methylcyclohexane	8.96	83	387113	5.759	ug/L	96
37) 1,2-Dichloropropane	8.99	63	236565	5.153	ug/L	99
38) Bromodichloromethane	9.28	83	237987	5.086	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	276805	5.362	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	750640	56.424	ug/L	96
42) Toluene	10.03	91	1046681	5.450	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	198859	5.246	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	113493	5.046	ug/L	96
47) Tetrachloroethene	10.51	164	167155	5.092	ug/L	93
48) 2-Hexanone	10.64	43	501369	54.786	ug/L	96
49) Dibromochloromethane	10.78	129	118677	5.060	ug/L	96
50) 1,2-Dibromoethane	10.89	107	95822	5.259	ug/L	100
51) Chlorobenzene	11.31	112	590591	5.051	ug/L	98
52) Ethylbenzene	11.39	91	1128502	5.480	ug/L	97
53) m,p-Xylene	11.50	106	420299	5.439	ug/L	93
54) o-Xylene	11.83	106	396472	5.956	ug/L	97
55) Styrene	11.84	104	621043	5.670	ug/L	97
56) Isopropylbenzene	12.13	105	1016948	5.769	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.38	83	110007	4.965	ug/L #	99
59) 1,2,3-Trichloropropane	12.43	75	83272	5.221	ug/L	97
61) Bromoform	12.01	173	44109	4.739	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	351037	5.242	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	376894	5.070	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	303178	5.210	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	11993	4.659	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.29	180	231861	5.302	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	152902	5.086	ug/L	99
69) Naphthalene	15.00	128	208290	5.410	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	126344	5.449	ug/L	98

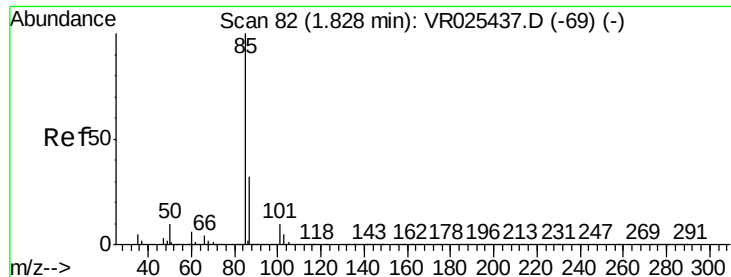
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.350 ug/L

RT: 1.83 min Scan# 83

Delta R.T. 0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampled :

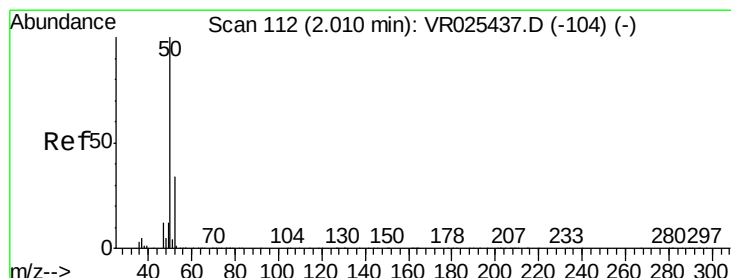
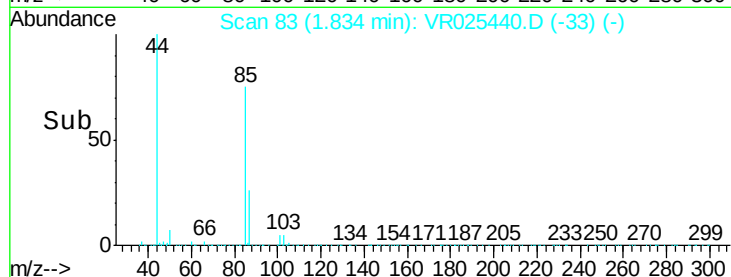
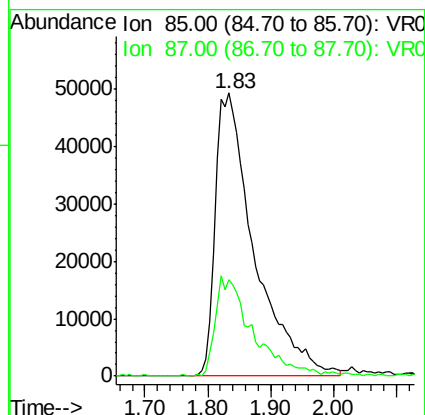
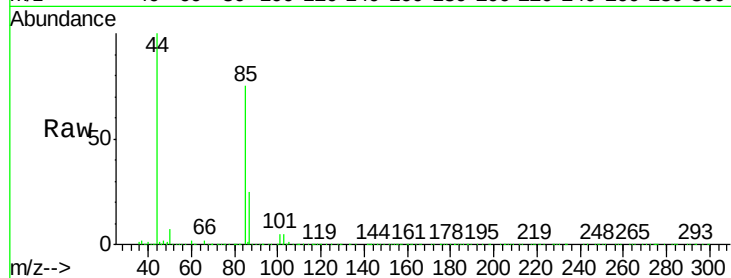
VICV86

Tgt Ion: 85 Resp: 212108

Ion Ratio Lower Upper

85 100

87 33.2 25.4 38.0



#3

Chloromethane

Concen: 5.425 ug/L

RT: 2.00 min Scan# 111

Delta R.T. -0.01 min

Lab File: VR025440.D

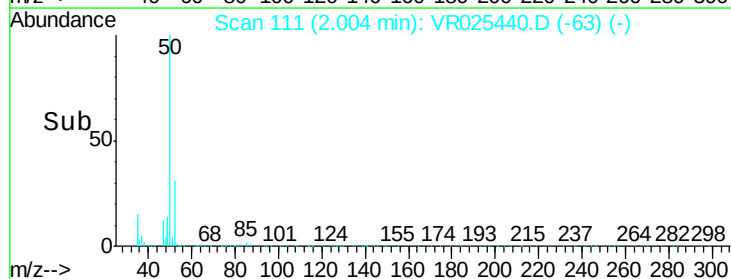
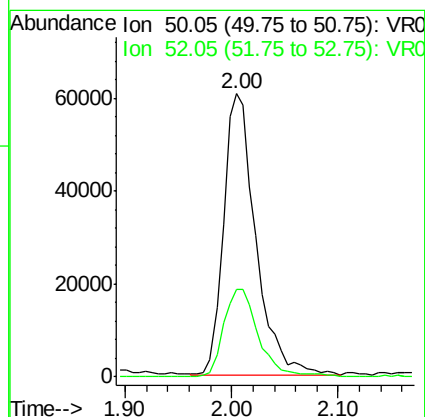
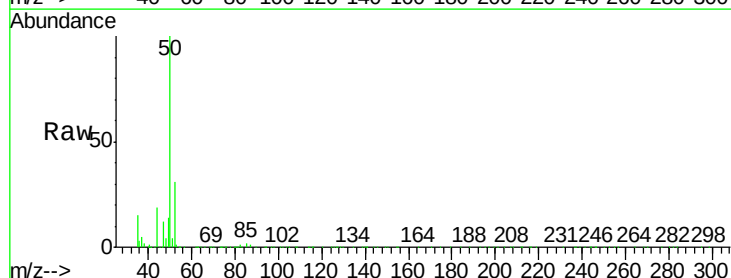
Acq: 5 Jul 2018 15:30

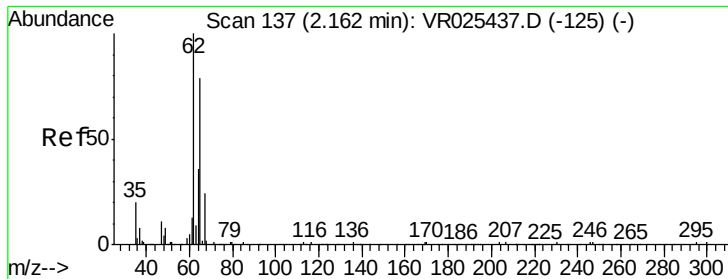
Tgt Ion: 50 Resp: 127493

Ion Ratio Lower Upper

50 100

52 31.0 22.8 42.4





#5

Vinyl chloride

Concen: 5.659 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampleId :

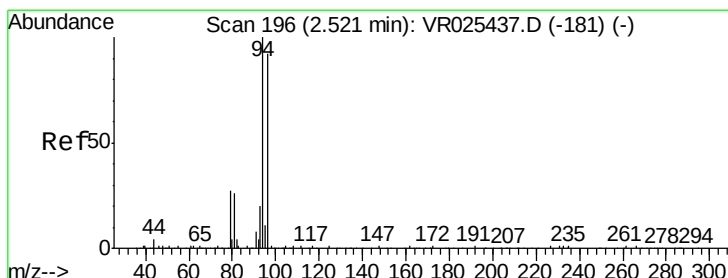
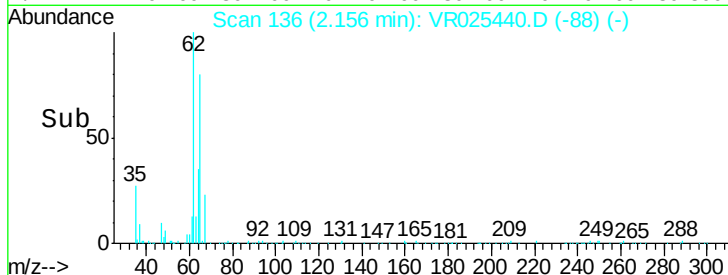
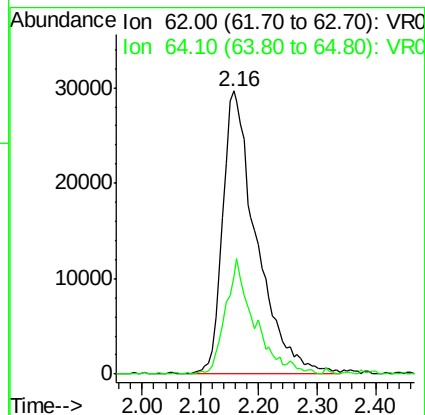
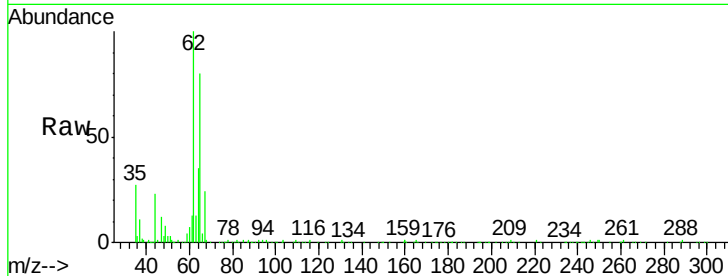
VICV86

Tgt Ion: 62 Resp: 119483

Ion Ratio Lower Upper

62 100

64 34.6 22.8 42.4



#6

Bromomethane

Concen: 5.518 ug/L

RT: 2.52 min Scan# 196

Delta R.T. -0.01 min

Lab File: VR025440.D

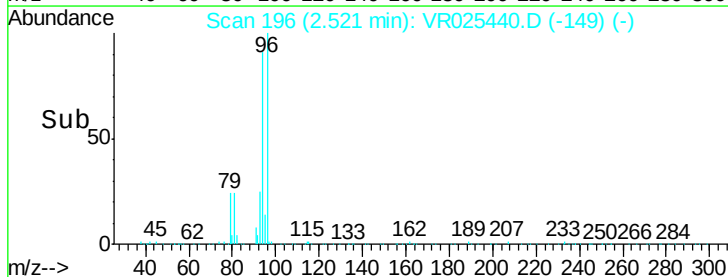
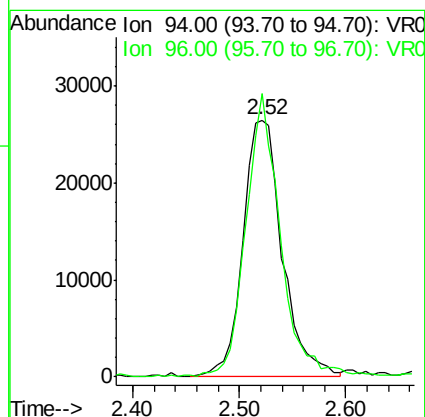
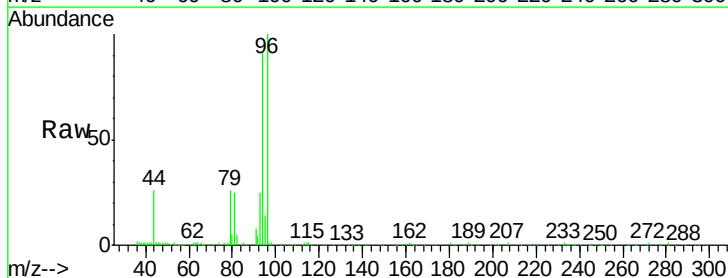
Acq: 5 Jul 2018 15:30

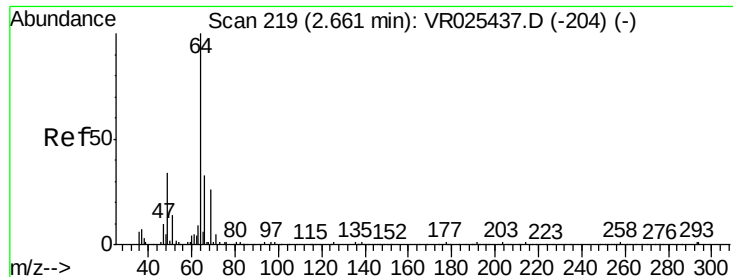
Tgt Ion: 94 Resp: 68562

Ion Ratio Lower Upper

94 100

96 110.1 65.9 122.3





#8

Chloroethane

Concen: 5.238 ug/L

RT: 2.66 min Scan# 218

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampleId :

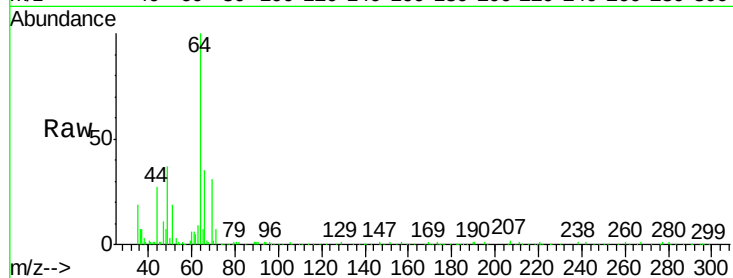
VICV86

Tgt Ion: 64 Resp: 68860

Ion Ratio Lower Upper

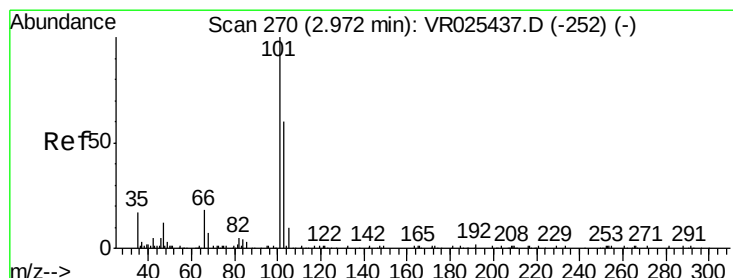
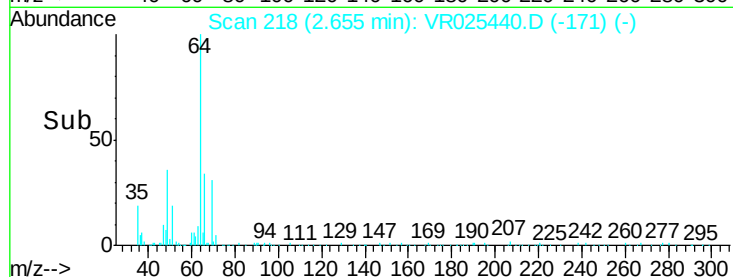
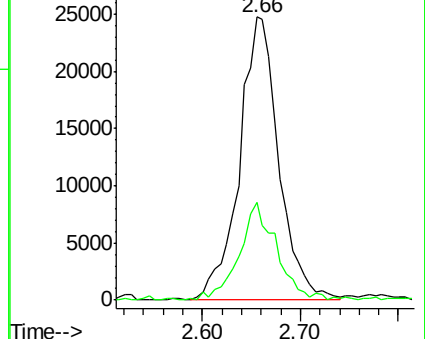
64 100

66 34.6 21.3 39.5



Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0



#9

Trichlorofluoromethane

Concen: 2.221 ug/L

RT: 2.98 min Scan# 272

Delta R.T. 0.01 min

Lab File: VR025440.D

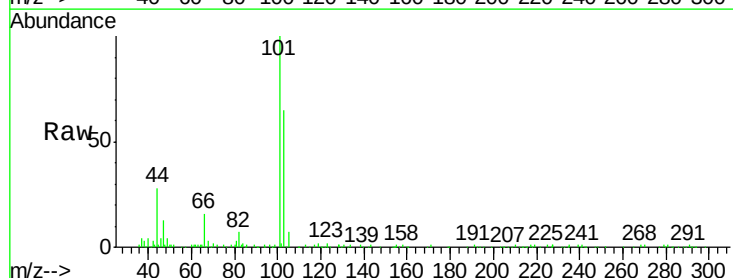
Acq: 5 Jul 2018 15:30

Tgt Ion: 101 Resp: 76615

Ion Ratio Lower Upper

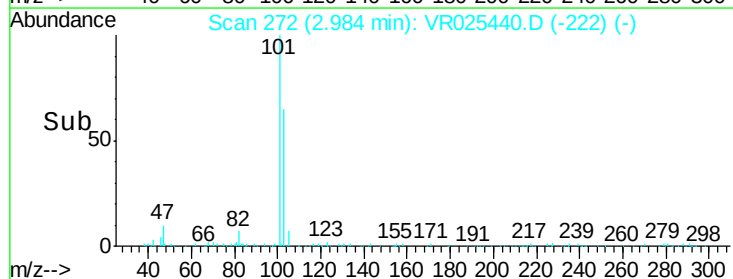
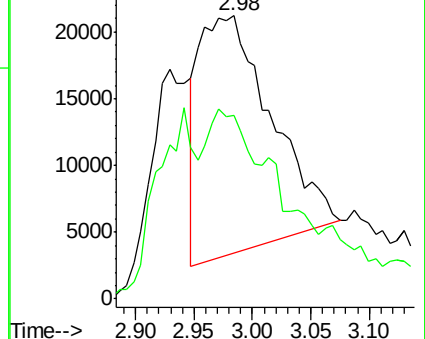
101 100

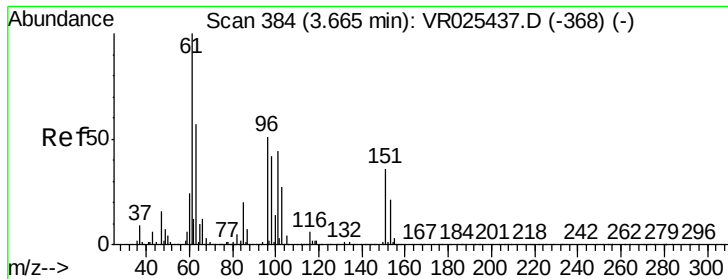
103 51.1 11.0 16.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 4.912 ug/L

RT: 3.68 min Scan# 386

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

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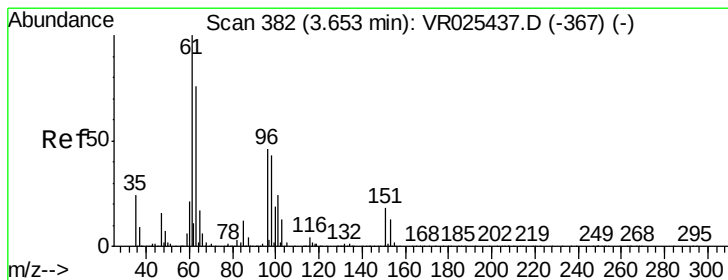
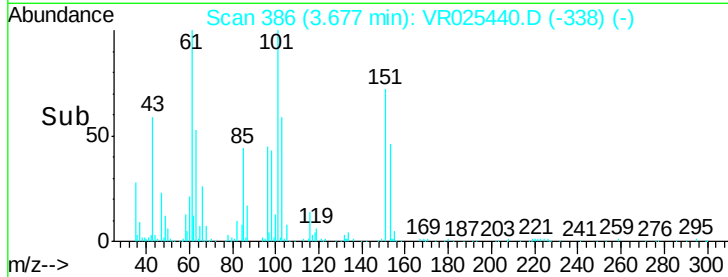
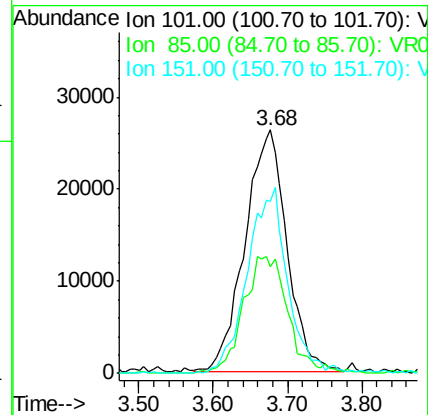
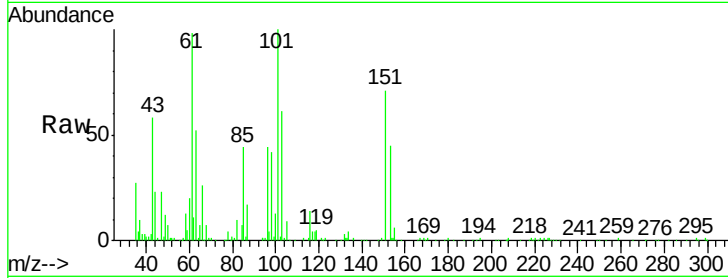
Tgt Ion: 101 Resp: 103172

Ion Ratio Lower Upper

101 100

85 50.3 39.1 58.7

151 73.0 57.5 86.3



#12

1,1-Dichloroethene

Concen: 5.137 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

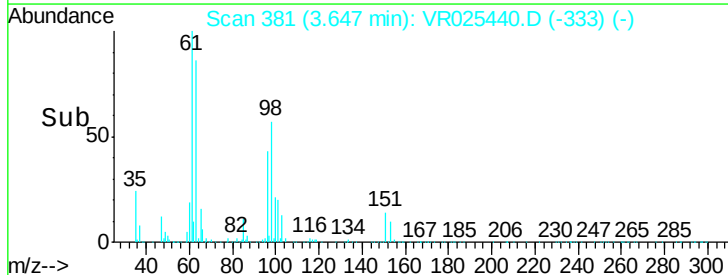
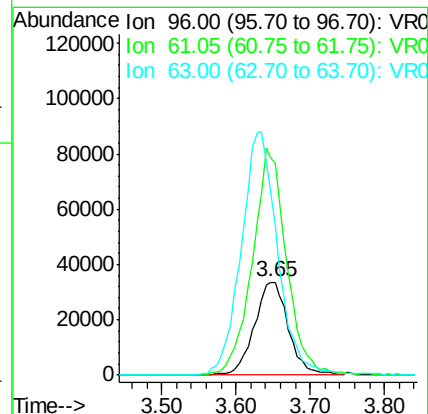
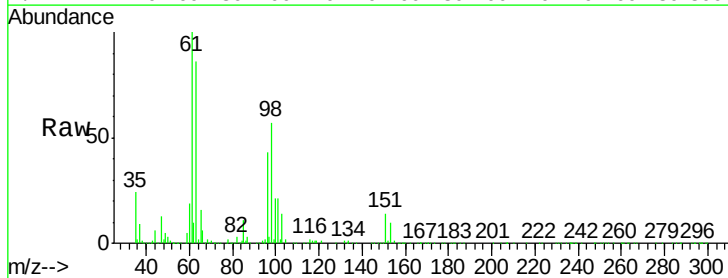
Tgt Ion: 96 Resp: 107759

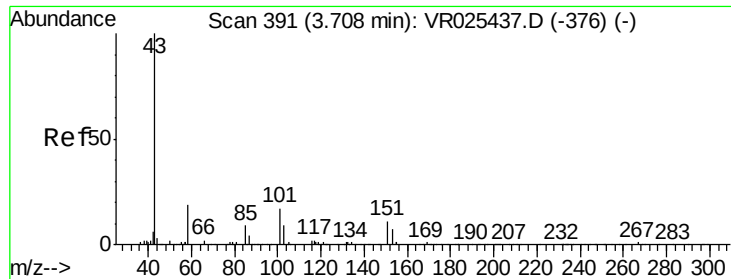
Ion Ratio Lower Upper

96 100

61 234.5 155.0 287.9

63 200.7 122.3 227.1





#13

Acetone

Concen: 46.652 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025440.D

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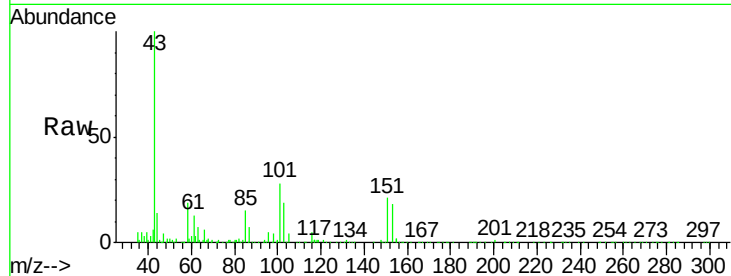
VICV86

Tgt Ion: 43 Resp: 126293

Ion Ratio Lower Upper

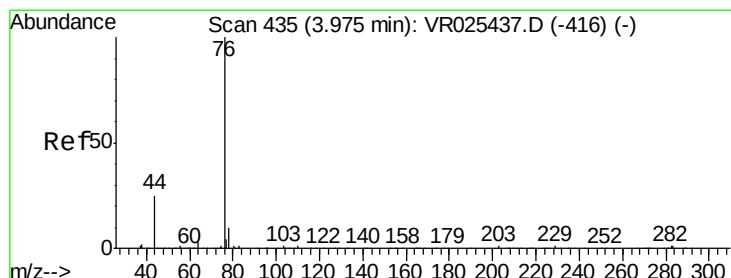
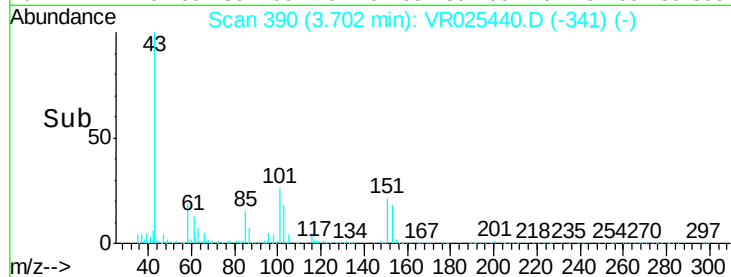
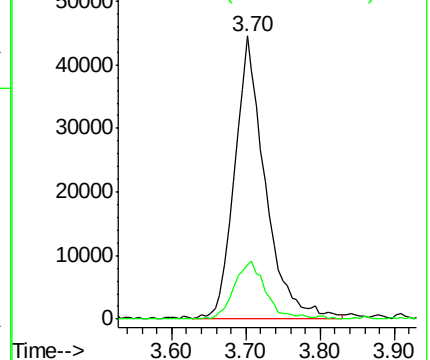
43 100

58 21.3 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#14

Carbon disulfide

Concen: 5.183 ug/L

RT: 3.96 min Scan# 433

Delta R.T. -0.01 min

Lab File: VR025440.D

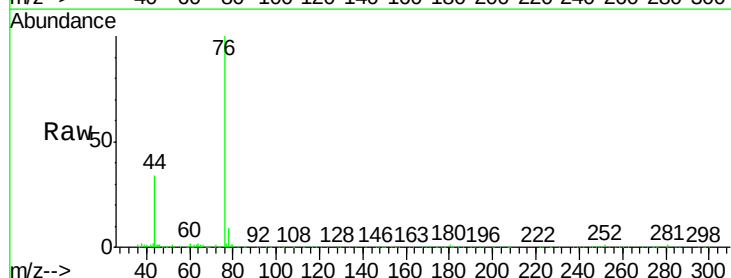
Acq: 5 Jul 2018 15:30

Tgt Ion: 76 Resp: 247444

Ion Ratio Lower Upper

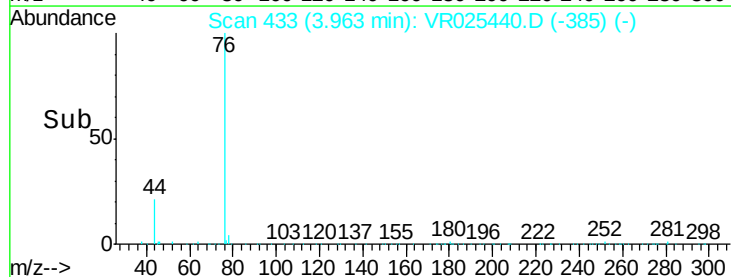
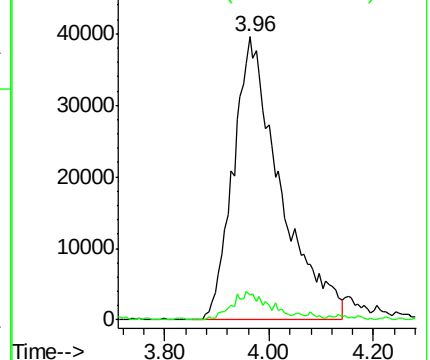
76 100

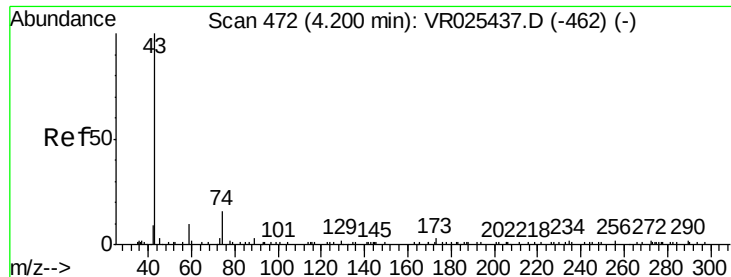
78 8.6 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0





#15

Methyl Acetate

Concen: 5.017 ug/L

RT: 4.19 min Scan# 471

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

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ClientSampleId :

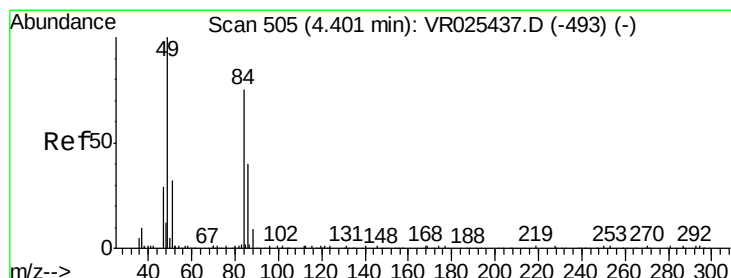
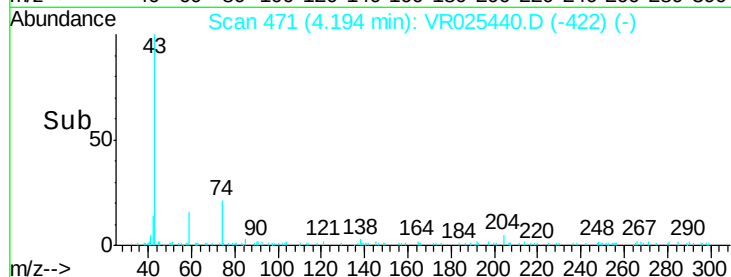
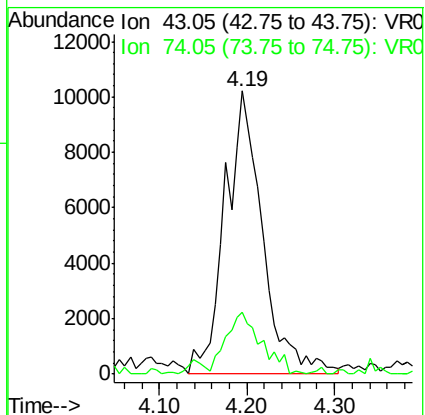
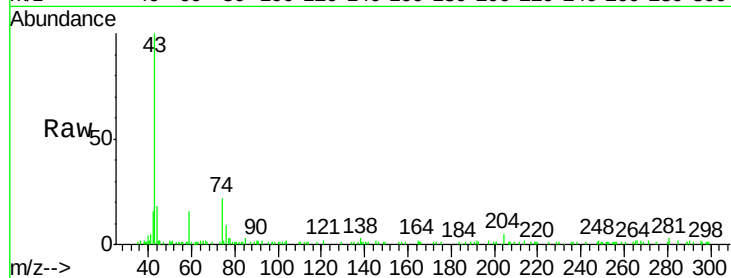
VICV86

Tgt Ion: 43 Resp: 30388

Ion Ratio Lower Upper

43 100

74 20.6 16.7 25.1



#16

Methylene chloride

Concen: 2.557 ug/L

RT: 4.41 min Scan# 506

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

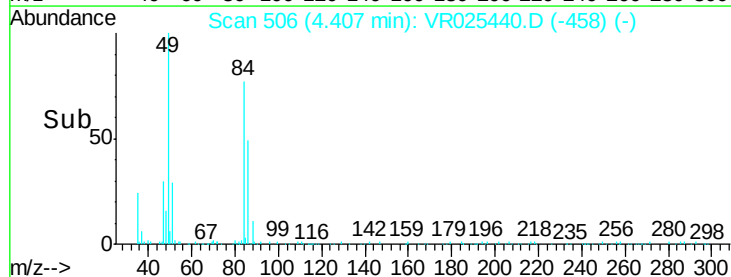
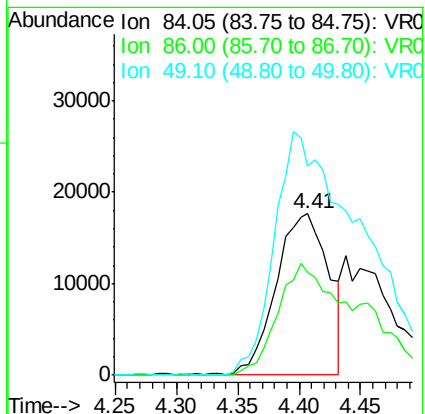
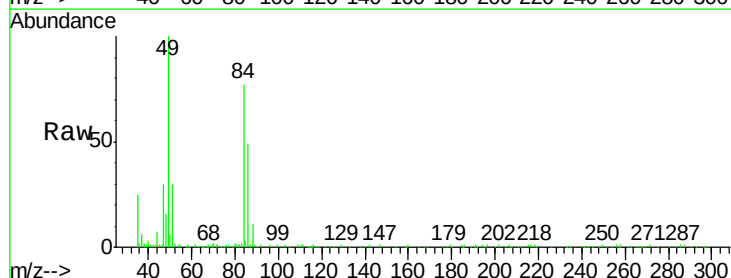
Tgt Ion: 84 Resp: 52549

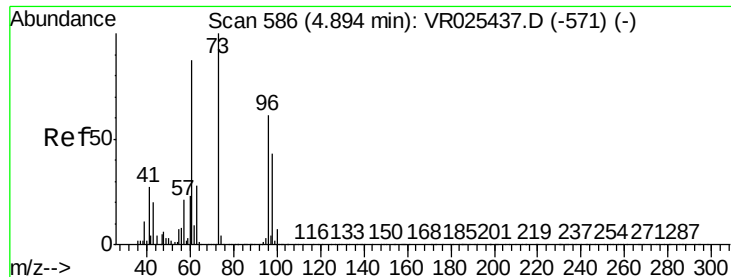
Ion Ratio Lower Upper

84 100

86 63.3 43.7 81.1

49 129.5 87.2 162.0

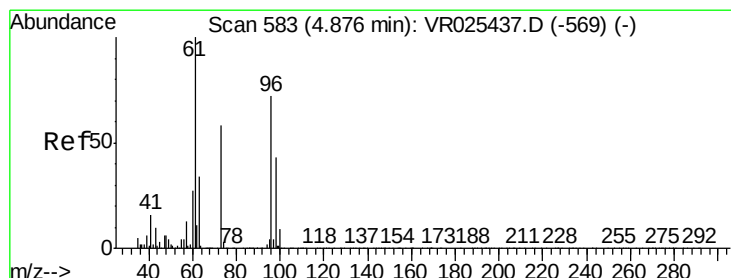
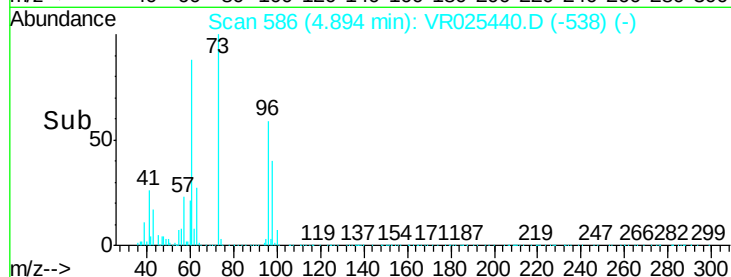
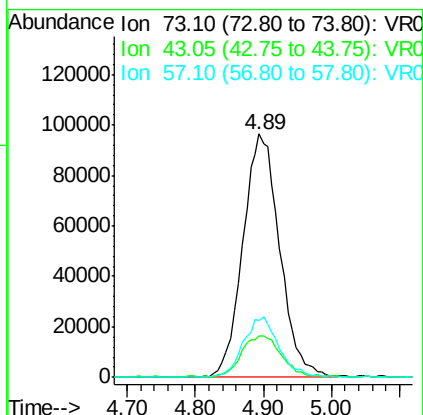
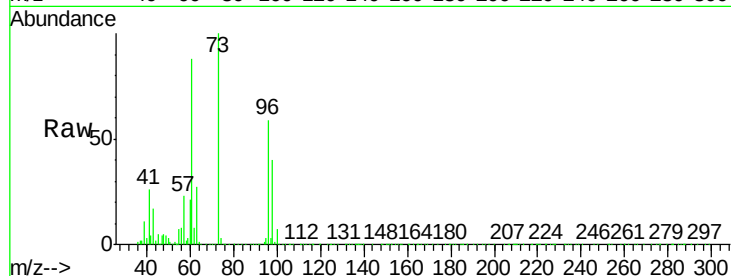




#17
Methyl tert-butyl Ether
Concen: 5.280 ug/L
RT: 4.89 min Scan# 586
Delta R.T. -0.01 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

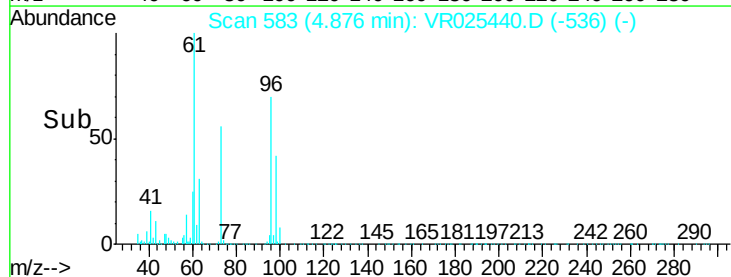
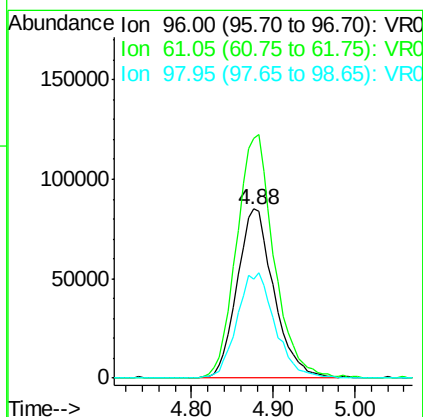
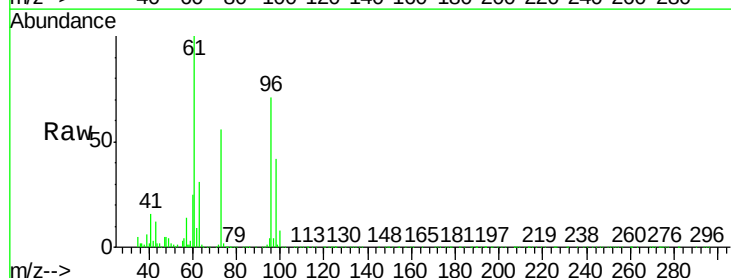
Instrument :
MSVOA_R
ClientSampled :
VICV86

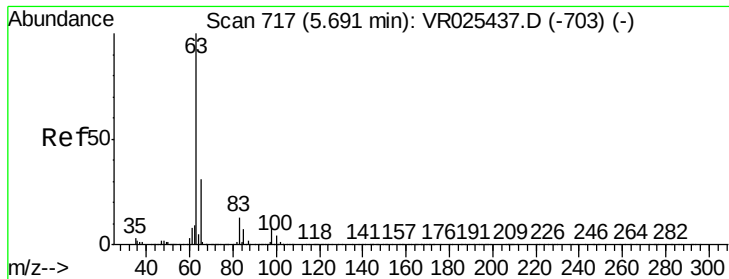
Tgt Ion: 73 Resp: 361037
Ion Ratio Lower Upper
73 100
43 18.4 15.8 23.6
57 23.8 19.0 28.4



#18
trans-1,2-Dichloroethene
Concen: 5.118 ug/L
RT: 4.88 min Scan# 583
Delta R.T. -0.01 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Tgt Ion: 96 Resp: 267098
Ion Ratio Lower Upper
96 100
61 141.8 104.4 193.8
98 59.0 43.1 80.1

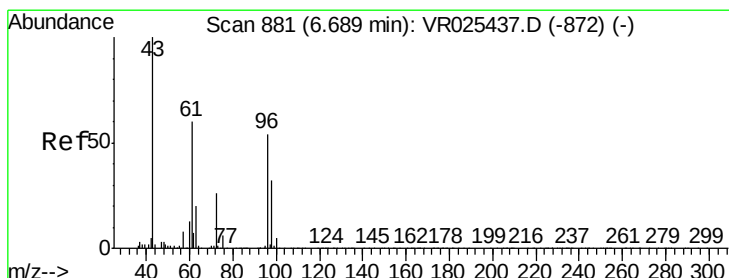
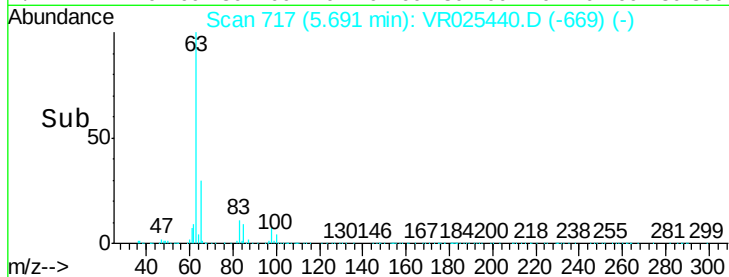
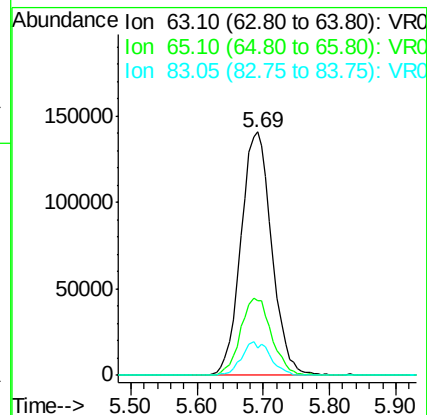
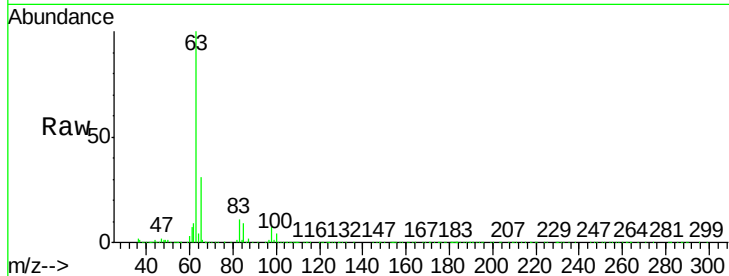




#19
 1,1-Dichloroethane
 Concen: 5.069 ug/L
 RT: 5.69 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

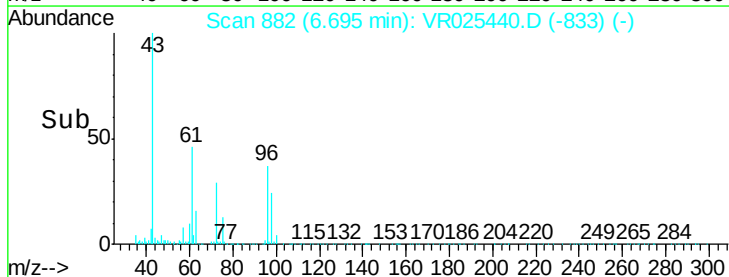
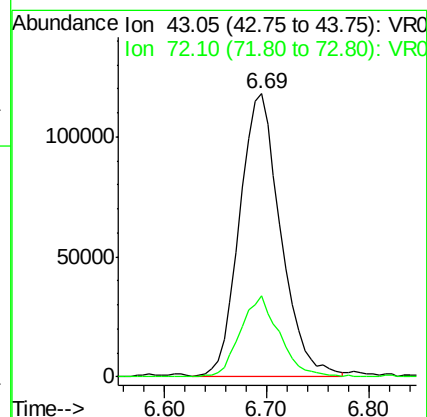
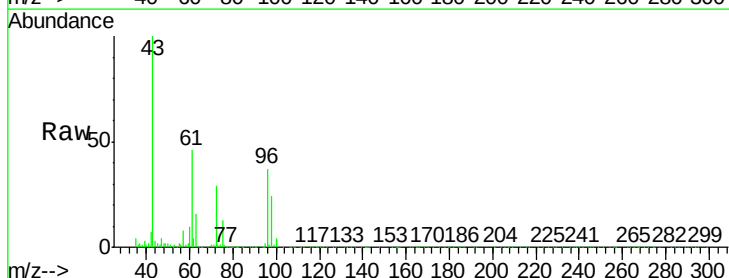
Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

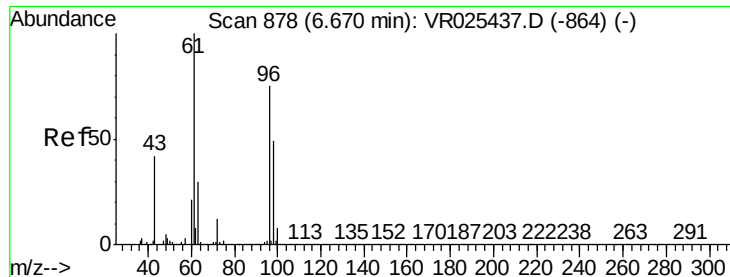
Tgt Ion:	63	Resp:	453807
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.5	41.7
83	11.4	9.5	17.7



#21
 2-Butanone
 Concen: 51.800 ug/L
 RT: 6.69 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

Tgt Ion:	43	Resp:	326650
Ion	Ratio	Lower	Upper
43	100		
72	27.6	13.0	38.9



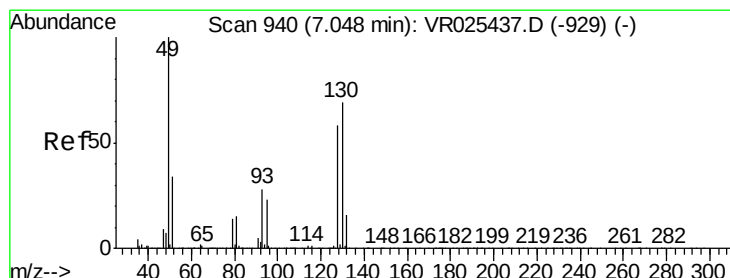
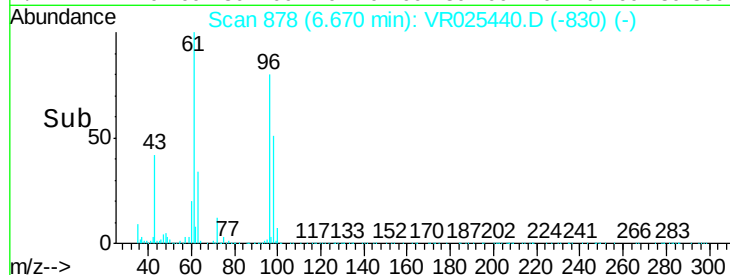
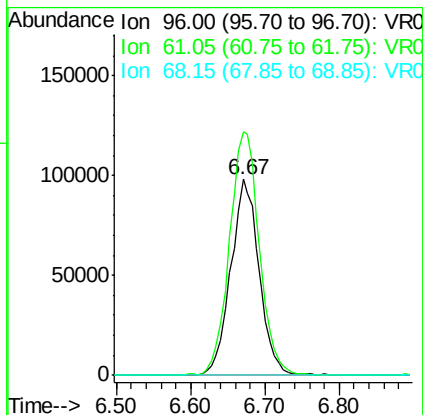
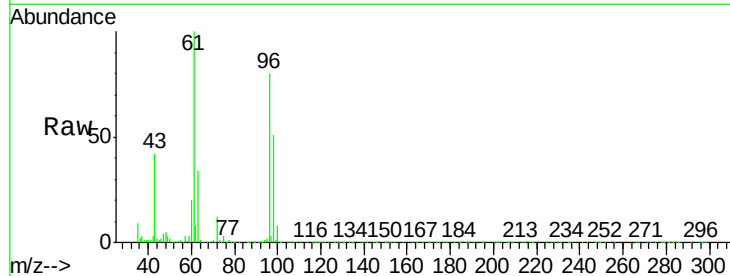


#22

cis-1,2-Dichloroethene
Concen: 5.470 ug/L
RT: 6.67 min Scan# 878
Delta R.T. -0.01 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Instrument :
MSVOA_R
ClientSampleId :
VICV86

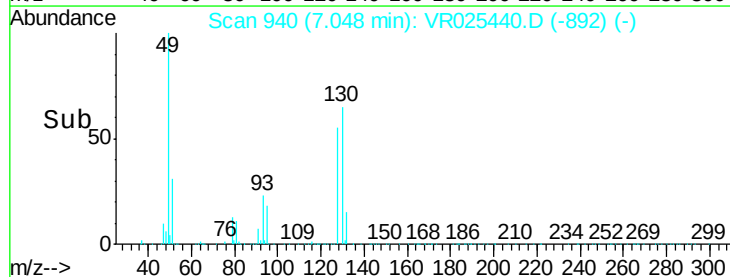
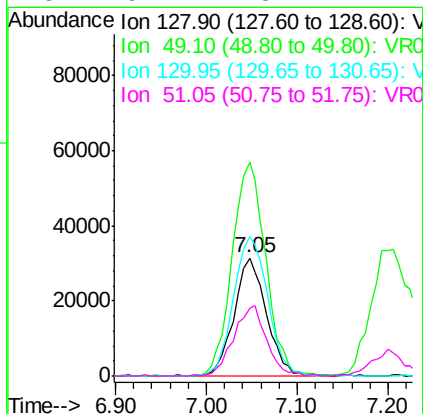
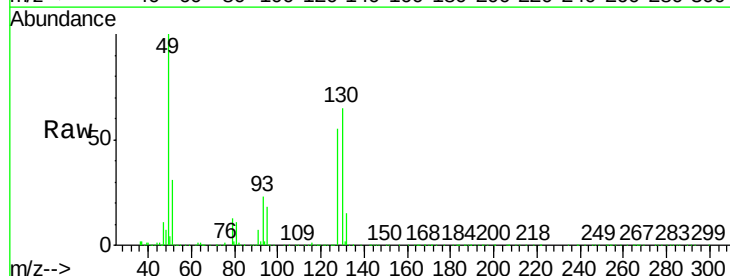
Tgt Ion: 96 Resp: 261994
Ion Ratio Lower Upper
96 100
61 124.3 91.0 169.0
68 0.1 0.0 0.0#

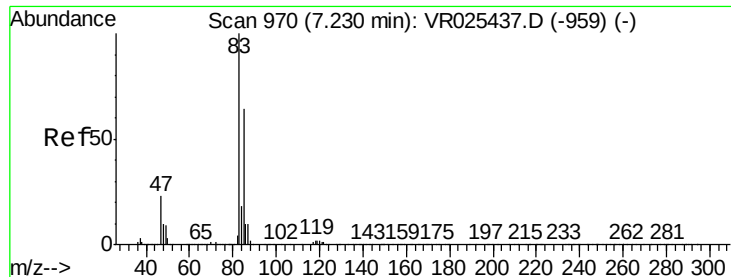


#23

Bromochloromethane
Concen: 5.056 ug/L
RT: 7.05 min Scan# 940
Delta R.T. -0.01 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Tgt Ion: 128 Resp: 77961
Ion Ratio Lower Upper
128 100
49 181.3 128.7 238.9
130 118.3 87.2 161.9
51 57.1 48.2 72.2





#25

Chloroform

Concen: 4.974 ug/L

RT: 7.23 min Scan# 970

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampleId :

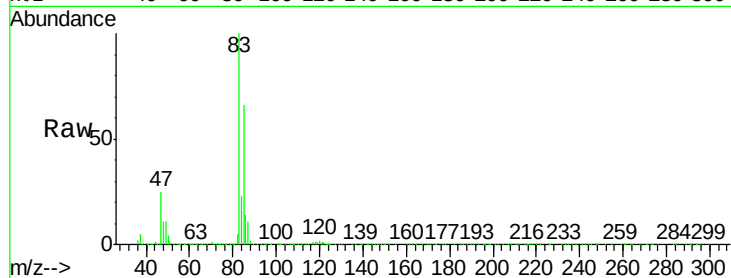
VICV86

Tgt Ion: 83 Resp: 427771

Ion Ratio Lower Upper

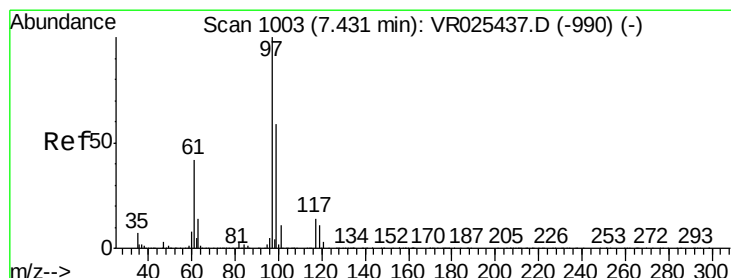
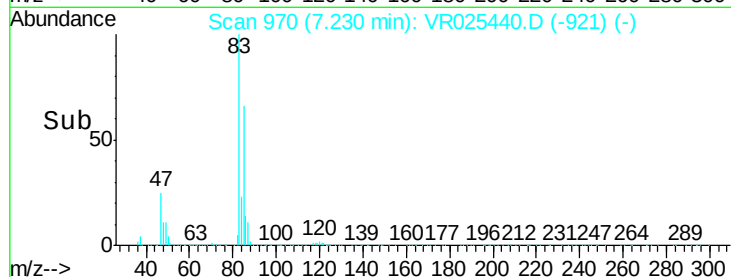
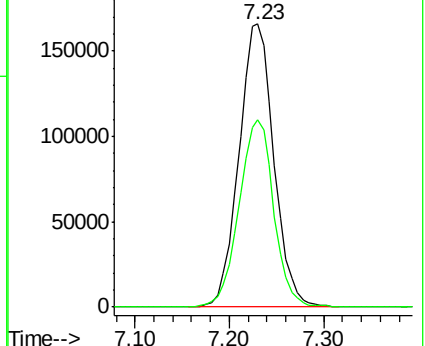
83 100

85 66.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0



#29

1,1,1-Trichloroethane

Concen: 4.944 ug/L

RT: 7.42 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

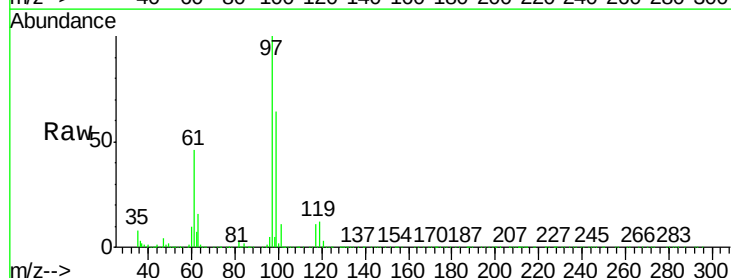
Tgt Ion: 97 Resp: 288100

Ion Ratio Lower Upper

97 100

99 65.6 52.1 78.1

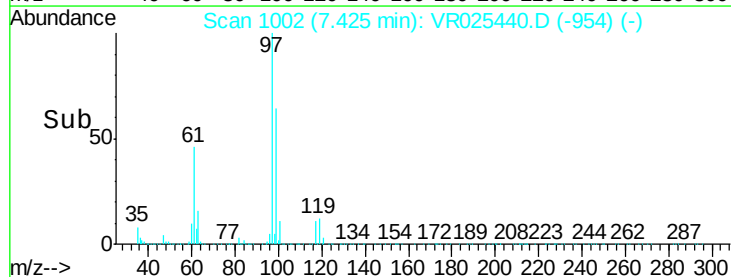
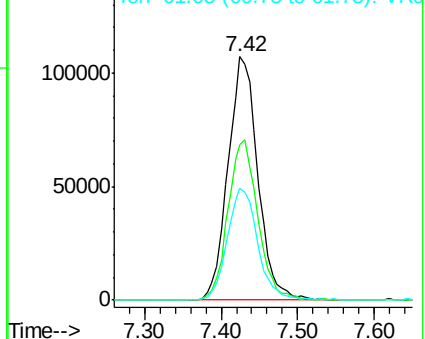
61 46.8 37.0 55.6

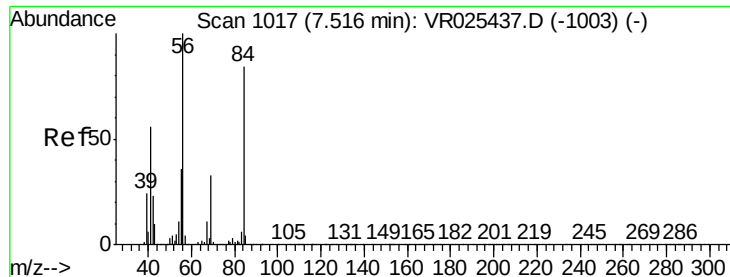


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0

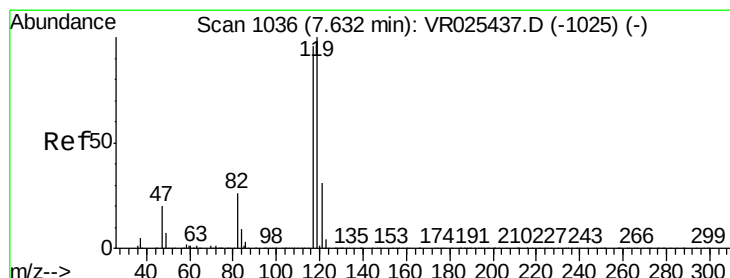
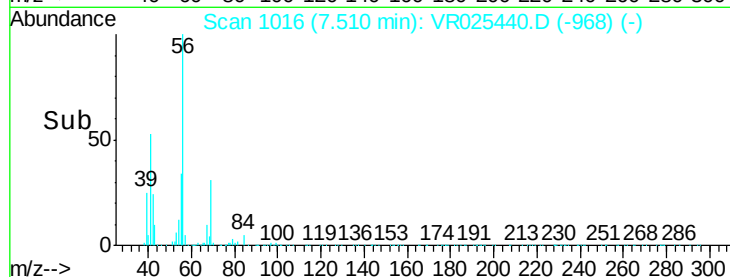
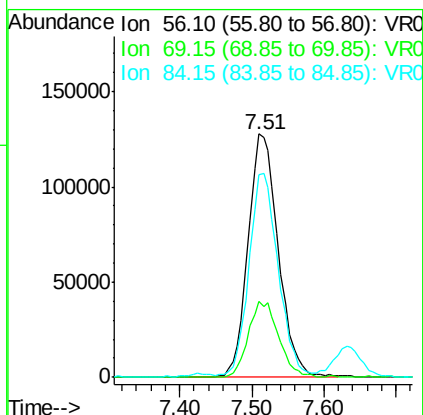
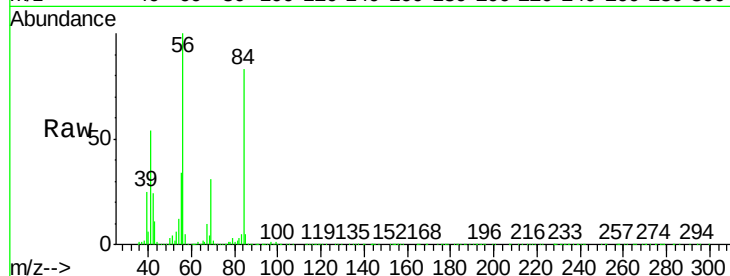




#30
Cyclohexane
Concen: 5.954 ug/L
RT: 7.51 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

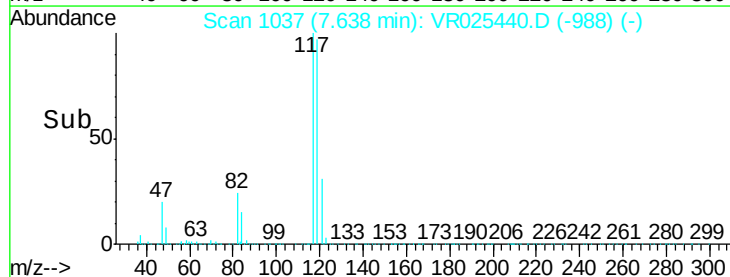
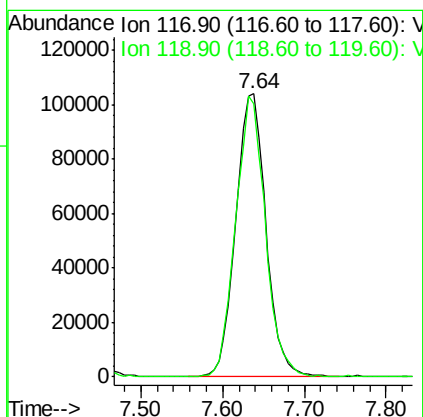
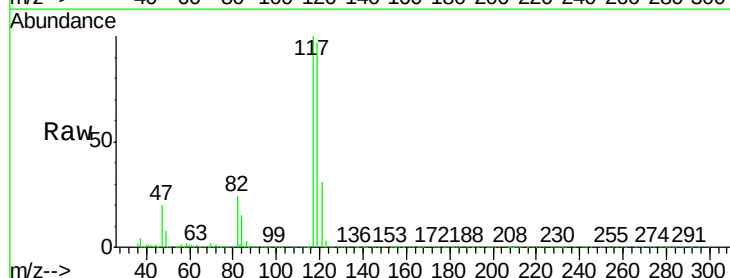
Instrument :
MSVOA_R
ClientSampleId :
VICV86

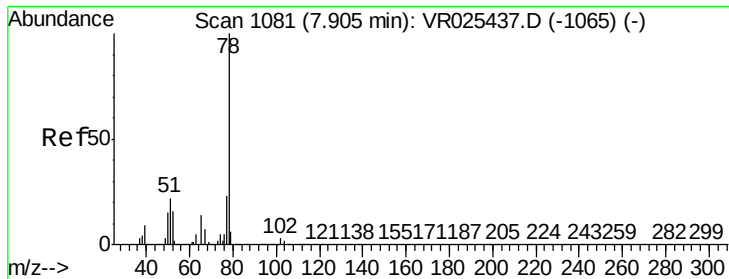
Tgt Ion: 56 Resp: 372271
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 81.2 62.6 93.8



#31
Carbon tetrachloride
Concen: 5.167 ug/L
RT: 7.64 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Tgt Ion: 117 Resp: 266378
Ion Ratio Lower Upper
117 100
119 97.3 75.5 113.3

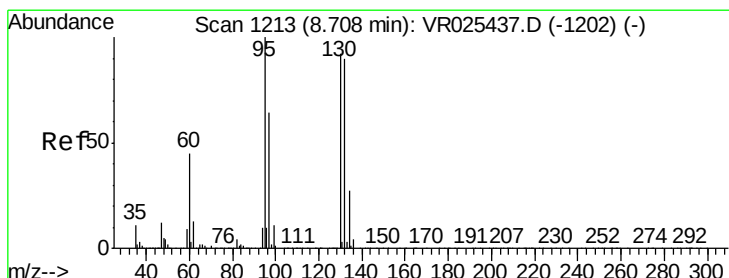
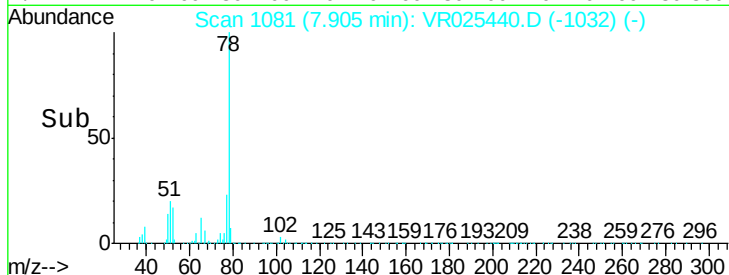
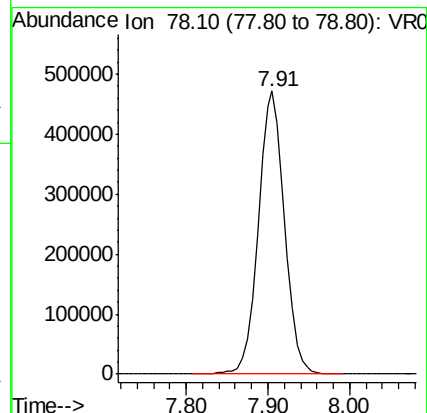
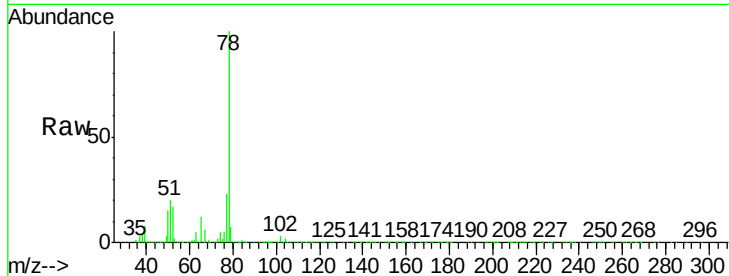




#33
Benzene
Concen: 5.315 ug/L
RT: 7.91 min Scan# 1081
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Instrument :
MSVOA_R
ClientSampleId :
VICV86

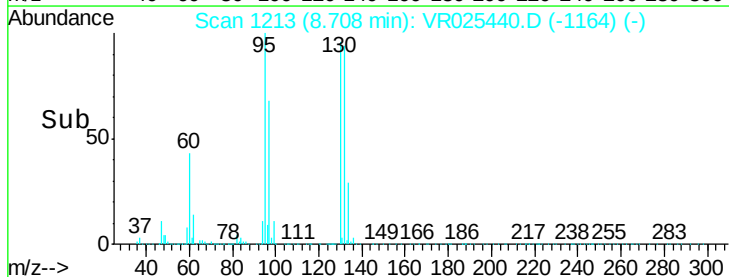
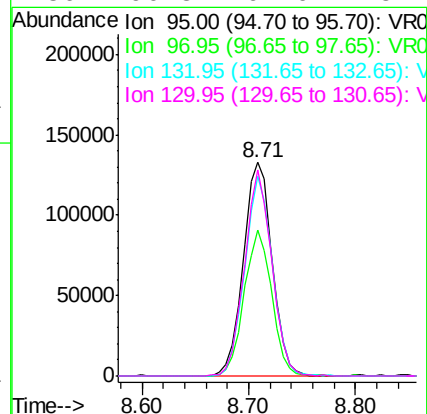
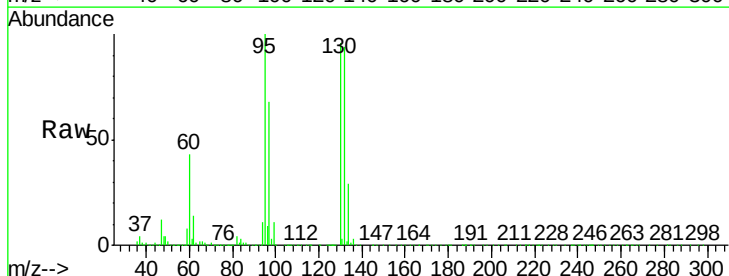
Tgt Ion: 78 Resp: 1049727

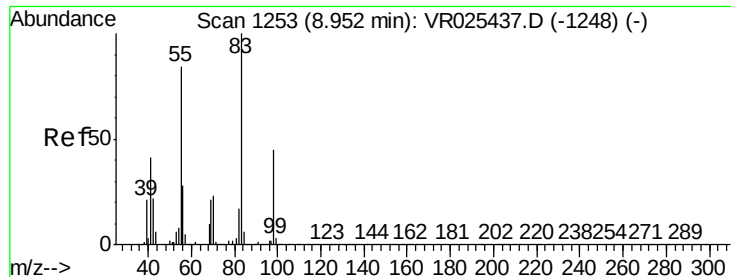


#34
Trichloroethene
Concen: 5.024 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Tgt Ion: 95 Resp: 252616

Ion	Ratio	Lower	Upper
95	100		
97	68.2	45.6	84.6
132	93.5	60.9	113.1
130	96.3	62.0	115.2

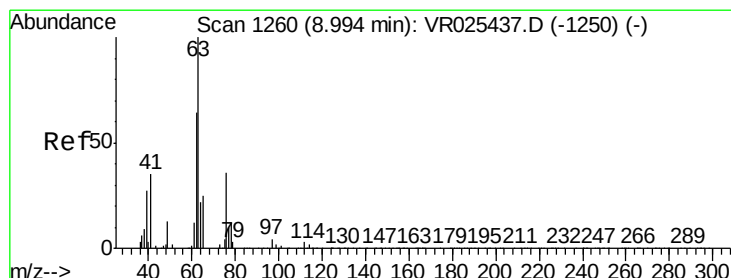
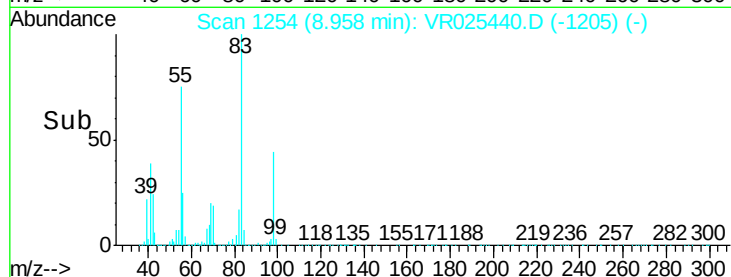
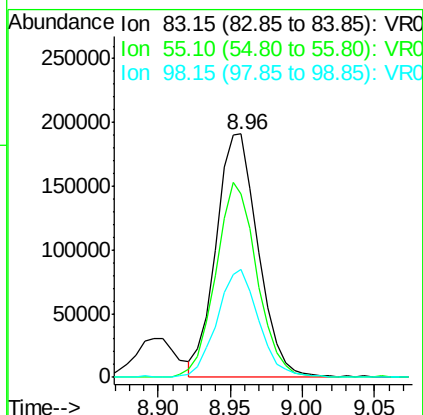
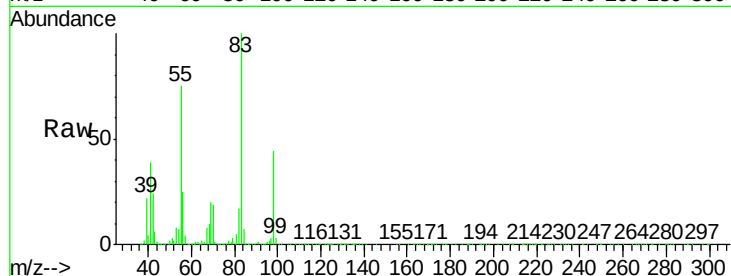




#35
Methylcyclohexane
Concen: 5.759 ug/L
RT: 8.96 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

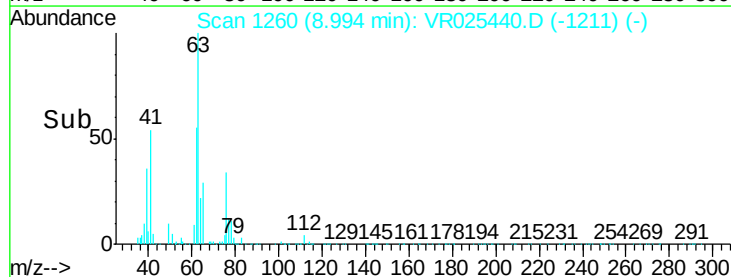
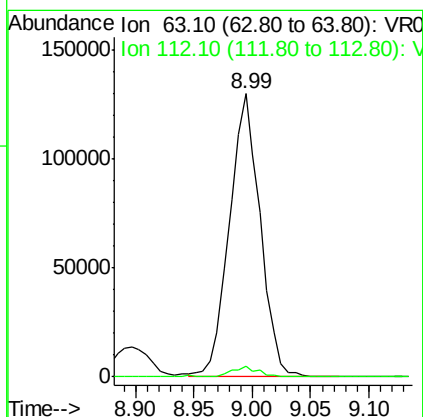
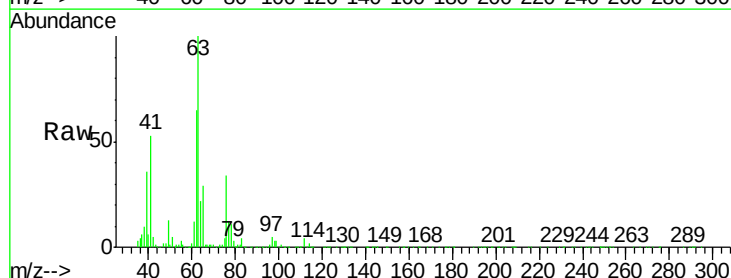
Instrument :
MSVOA_R
ClientSampleId :
VICV86

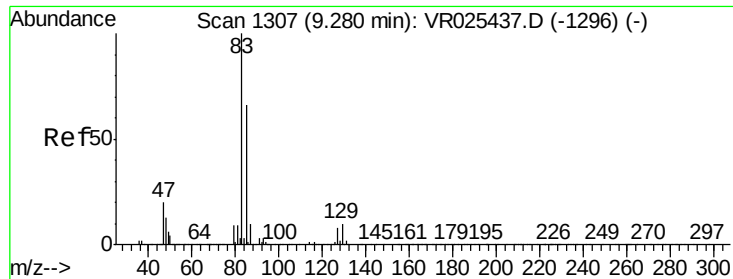
Tgt Ion: 83 Resp: 387113
Ion Ratio Lower Upper
83 100
55 78.8 66.1 99.1
98 43.7 36.2 54.4



#37
1,2-Dichloropropane
Concen: 5.153 ug/L
RT: 8.99 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Tgt Ion: 63 Resp: 236565
Ion Ratio Lower Upper
63 100
112 3.2 2.9 4.3





#38

Bromodichloromethane

Concen: 5.086 ug/L

RT: 9.28 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

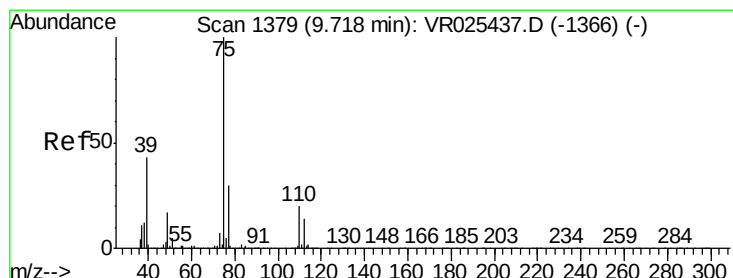
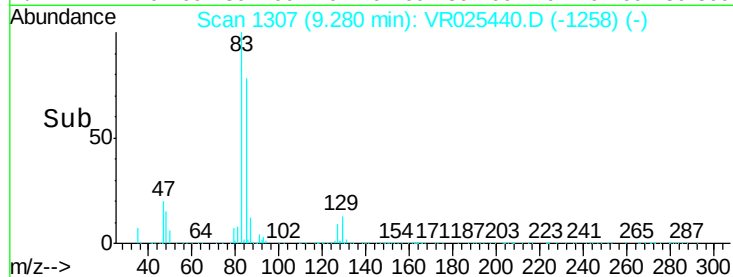
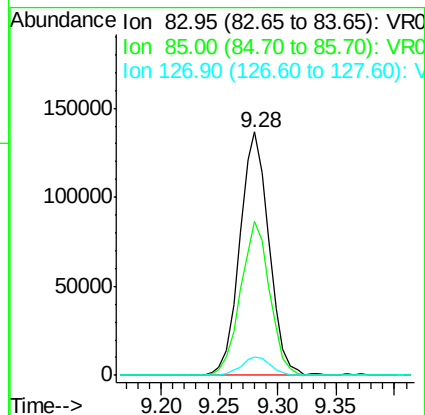
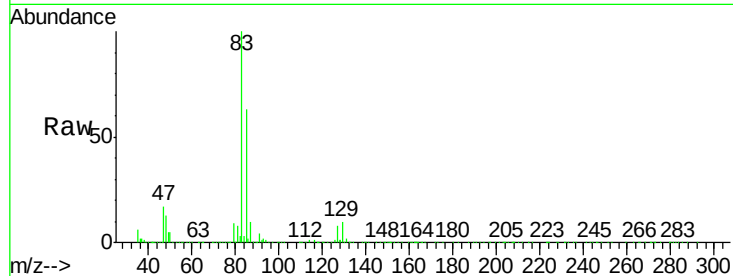
Instrument :

MSVOA_R

ClientSampled :

VICV86

Tgt Ion:	83	Resp:	237987
Ion	Ratio	Lower	Upper
83	100		
85	63.2	46.1	85.7
127	7.5	5.7	8.5



#39

cis-1,3-Dichloropropene

Concen: 5.362 ug/L

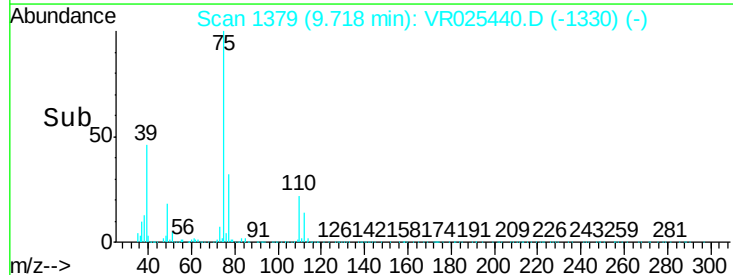
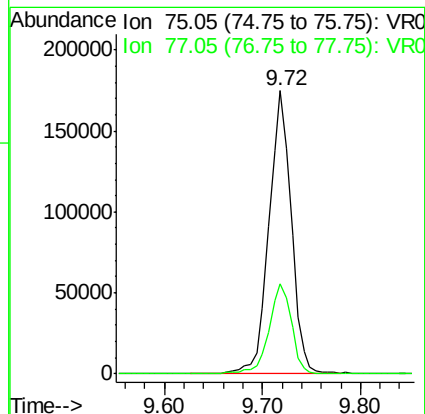
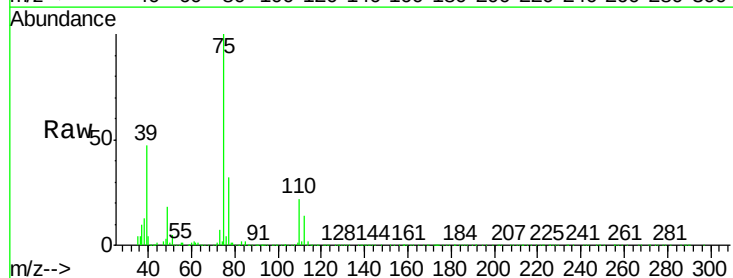
RT: 9.72 min Scan# 1379

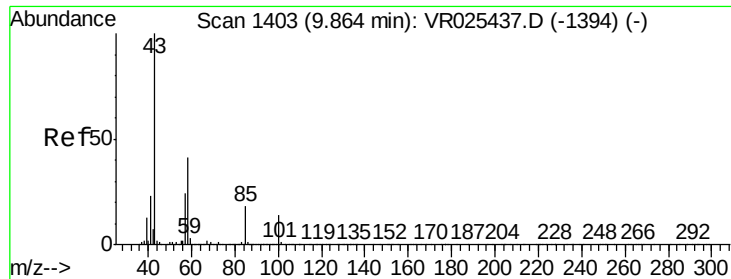
Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Tgt Ion:	75	Resp:	276805
Ion	Ratio	Lower	Upper
75	100		
77	32.0	21.1	39.1

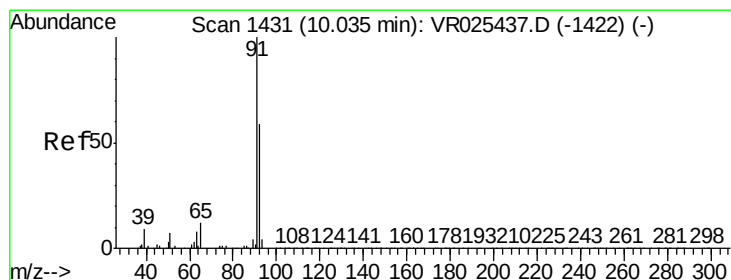
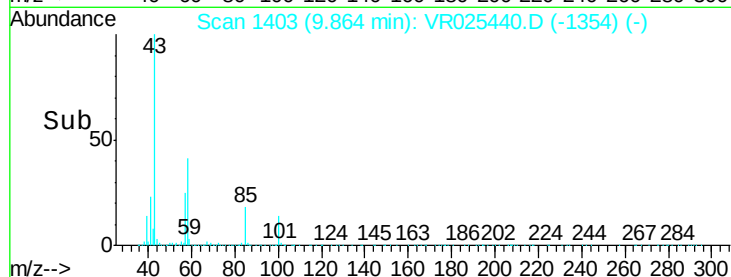
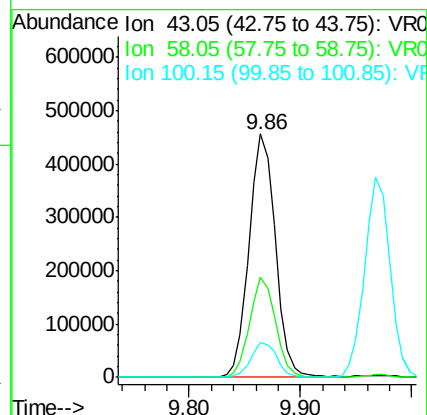
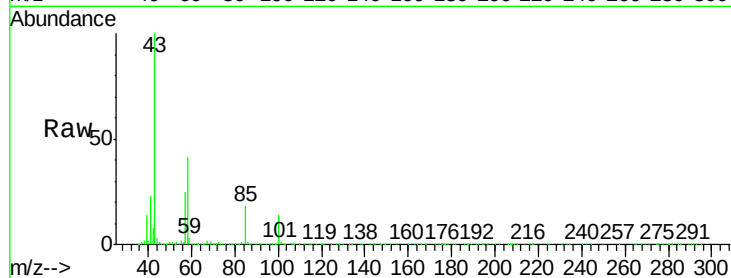




#40
4-Methyl-2-pentanone
Concen: 56.424 ug/L
RT: 9.86 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

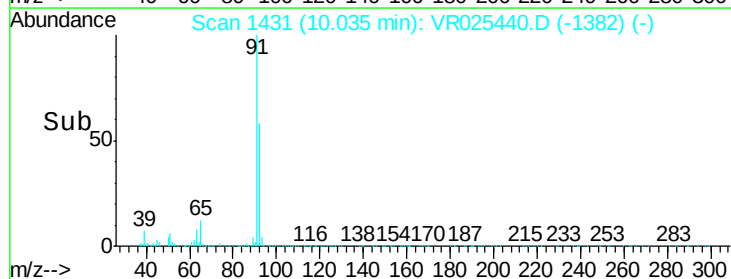
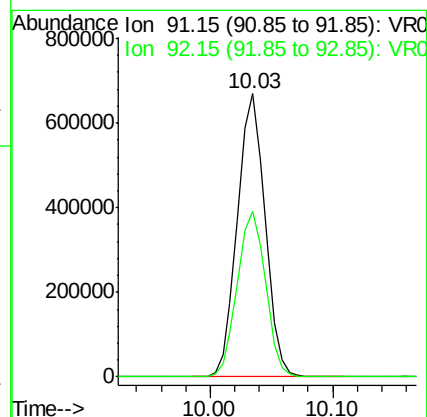
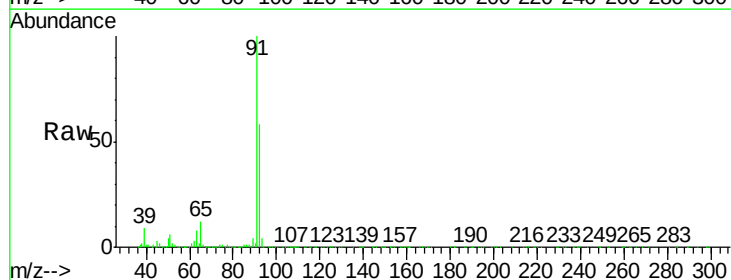
Instrument :
MSVOA_R
ClientSampleId :
VICV86

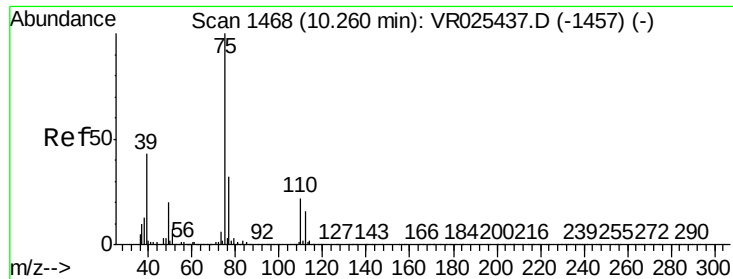
Tgt Ion: 43 Resp: 750640
Ion Ratio Lower Upper
43 100
58 40.5 30.3 45.5
100 14.1 10.3 15.5



#42
Toluene
Concen: 5.450 ug/L
RT: 10.03 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Tgt Ion: 91 Resp: 1046681
Ion Ratio Lower Upper
91 100
92 58.3 41.9 77.7





#44

trans-1,3-Dichloropropene

Concen: 5.246 ug/L

RT: 10.27 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampleId :

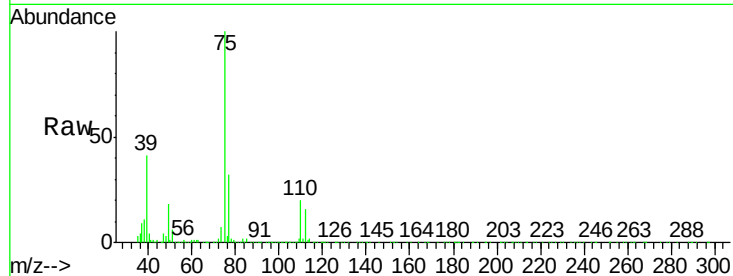
VICV86

Tgt Ion: 75 Resp: 198859

Ion Ratio Lower Upper

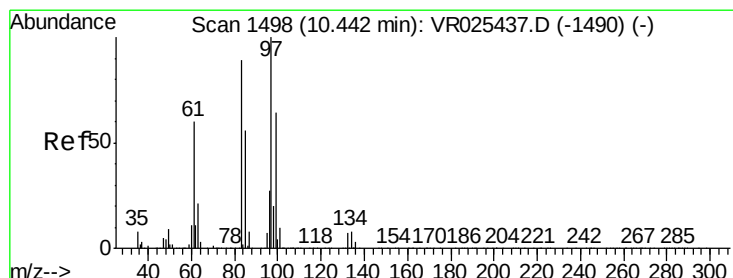
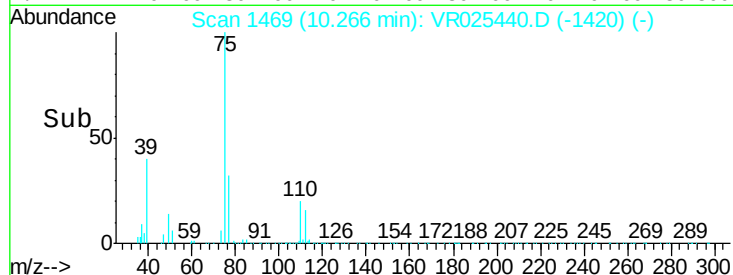
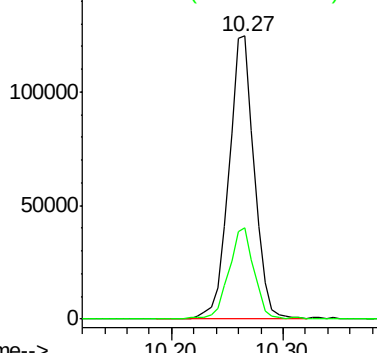
75 100

77 32.4 20.6 38.4



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#45

1,1,2-Trichloroethane

Concen: 5.046 ug/L

RT: 10.44 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Tgt Ion: 97 Resp: 113493

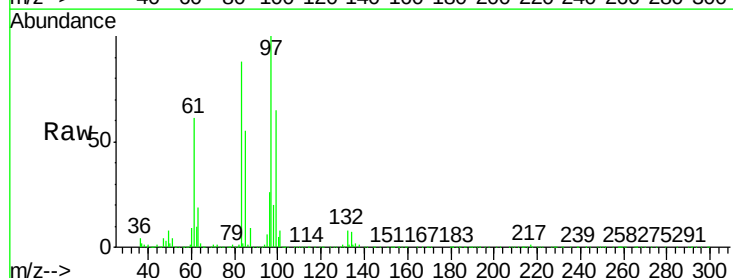
Ion Ratio Lower Upper

97 100

99 64.7 41.9 77.9

83 88.5 64.5 119.9

85 55.1 38.6 71.8

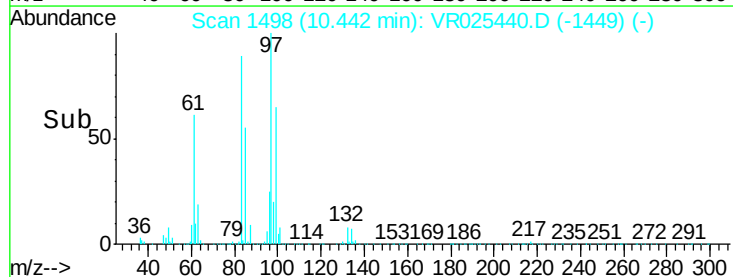
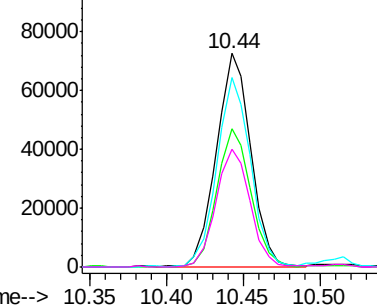


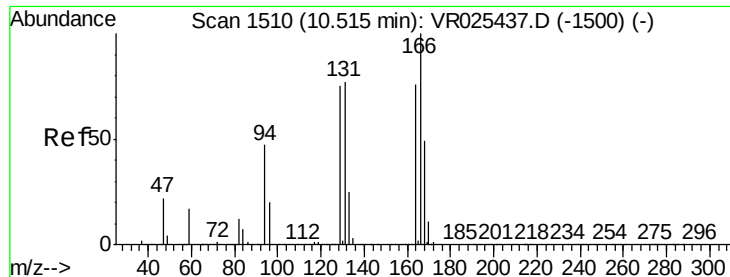
Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0





#47

Tetrachloroethene

Concen: 5.092 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampleId :

VICV86

Tgt Ion: 164 Resp: 167155

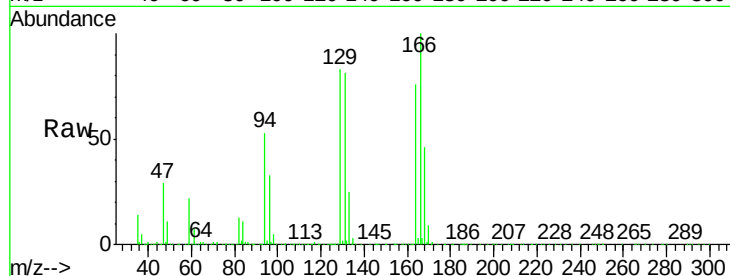
Ion Ratio Lower Upper

164 100

129 109.6 68.1 126.5

131 106.3 68.5 127.1

166 131.4 89.9 166.9

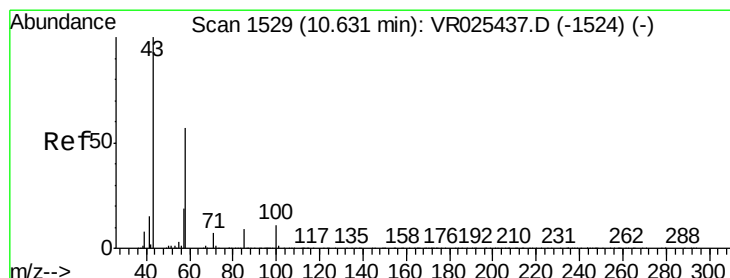
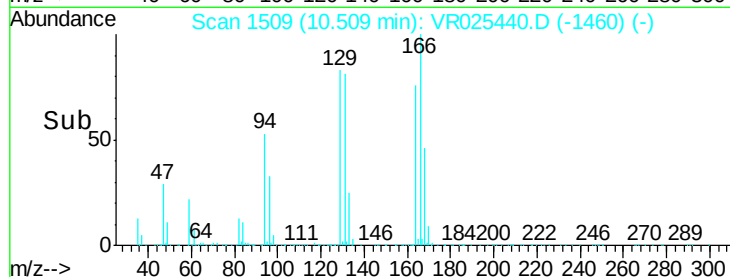
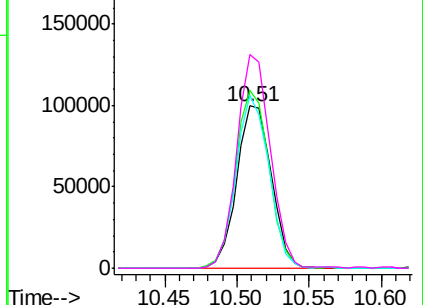


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 54.786 ug/L

RT: 10.64 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Tgt Ion: 43 Resp: 501369

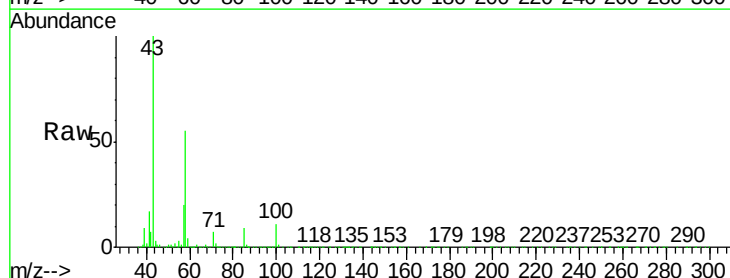
Ion Ratio Lower Upper

43 100

58 57.2 43.1 64.7

57 20.1 15.3 22.9

100 10.9 7.9 11.9

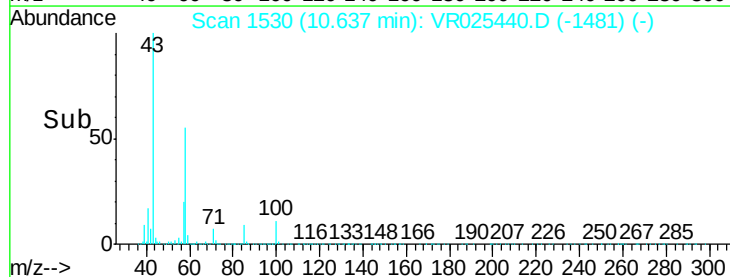
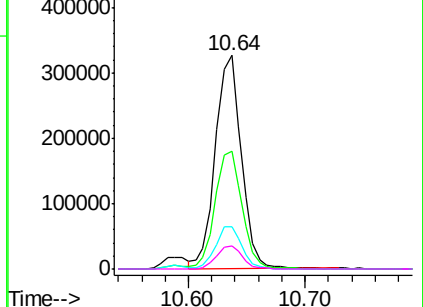


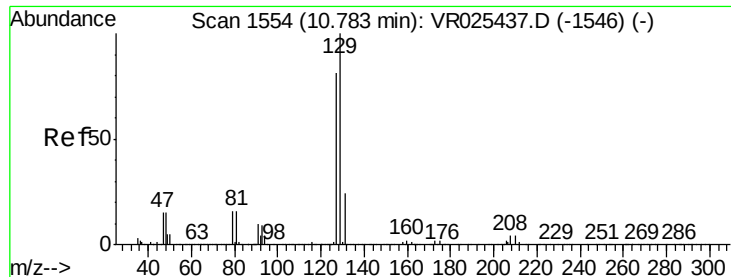
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0





#49

Dibromochloromethane

Concen: 5.060 ug/L

RT: 10.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampleId :

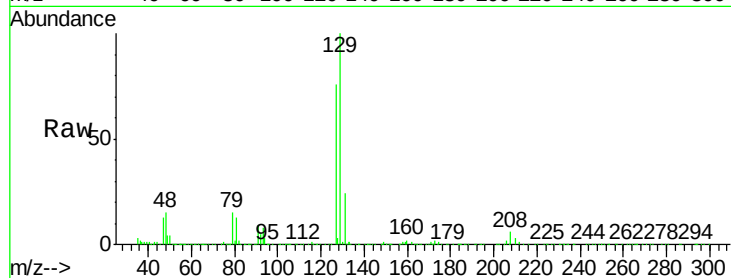
VICV86

Tgt Ion:129 Resp: 118677

Ion Ratio Lower Upper

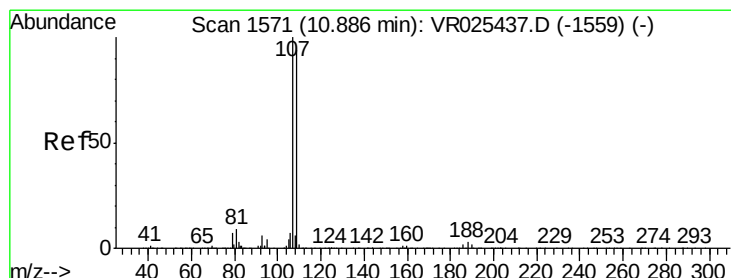
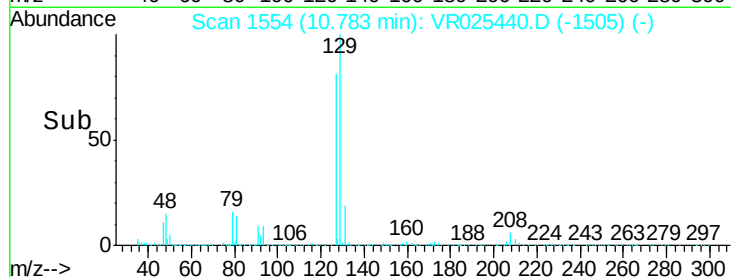
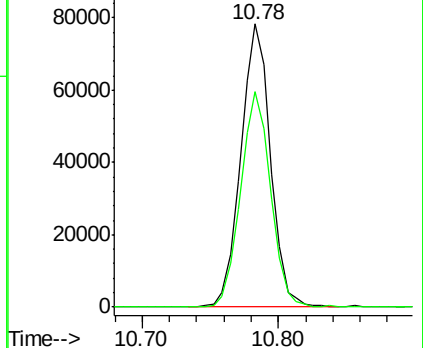
129 100

127 76.0 55.9 103.7



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#50

1,2-Dibromoethane

Concen: 5.259 ug/L

RT: 10.89 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

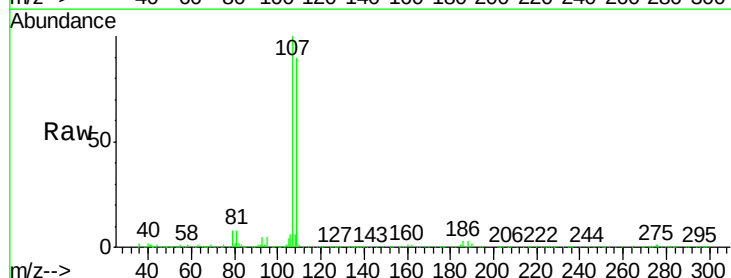
Tgt Ion:107 Resp: 95822

Ion Ratio Lower Upper

107 100

109 90.1 63.1 117.3

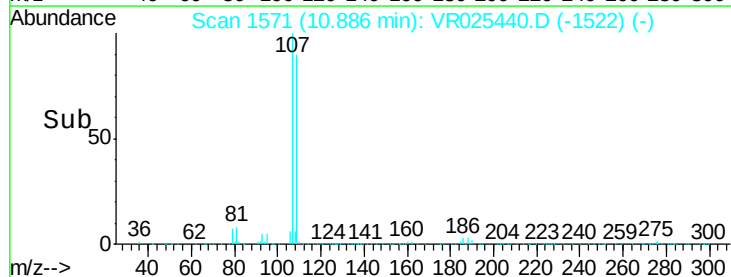
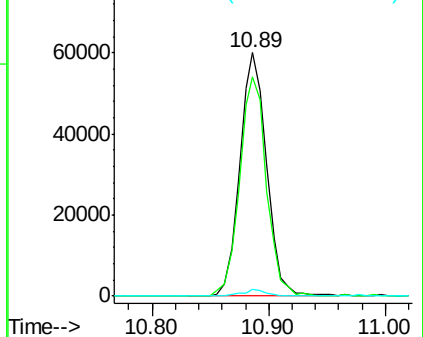
188 2.6 1.8 2.8

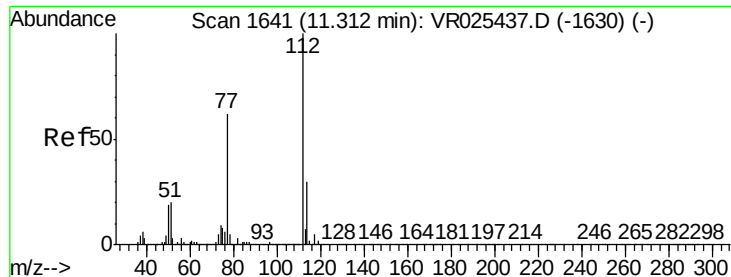


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V

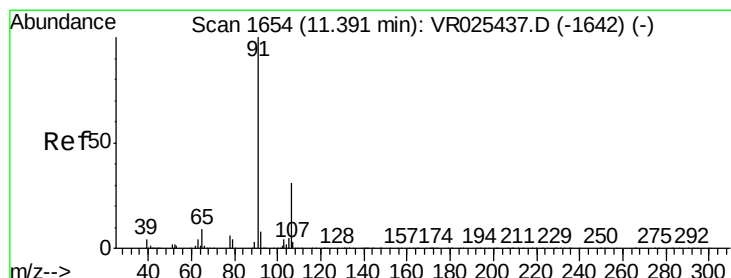
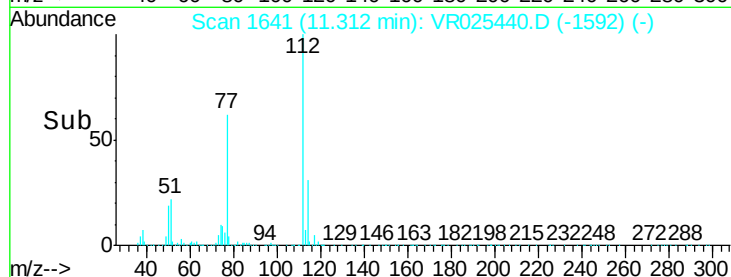
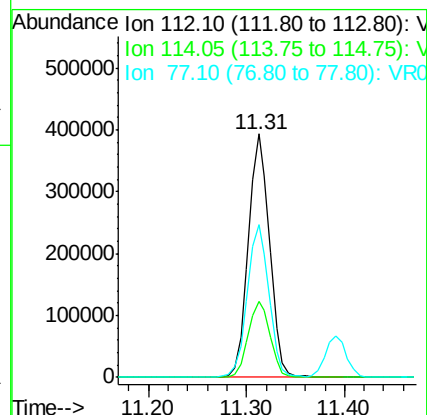
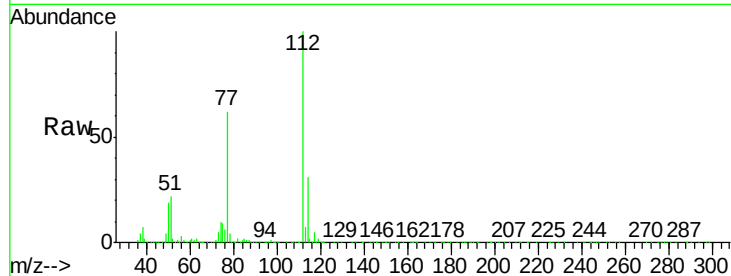




#51
Chlorobenzene
Concen: 5.051 ug/L
RT: 11.31 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

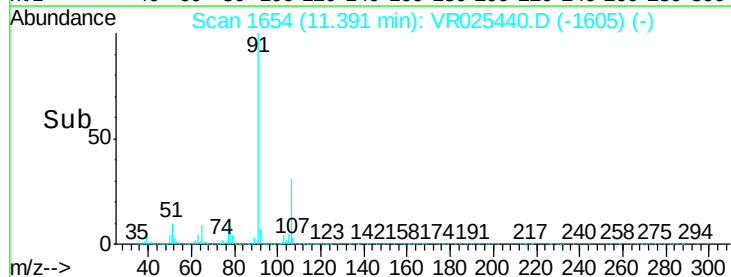
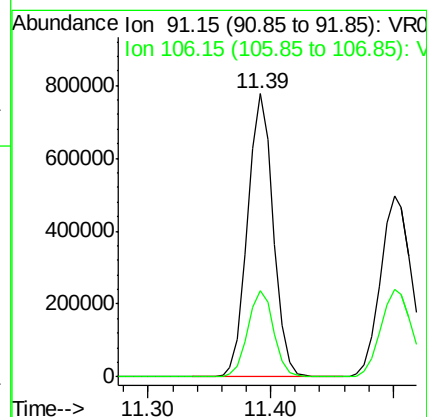
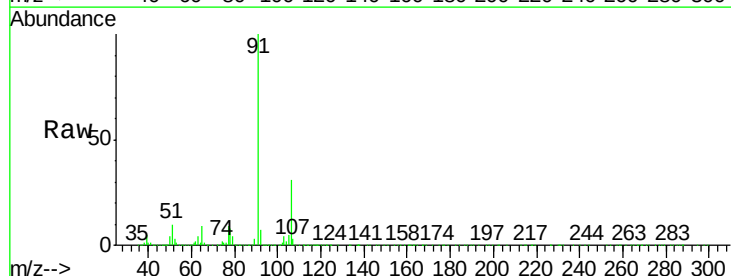
Instrument :
MSVOA_R
ClientSampled :
VICV86

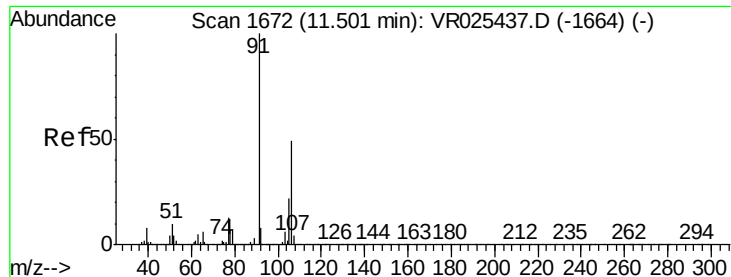
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.6	40.0
77	62.5	51.9	77.9



#52
Ethylbenzene
Concen: 5.480 ug/L
RT: 11.39 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VR025440.D
Acq: 5 Jul 2018 15:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.5	41.7





#53

m,p-Xylene

Concen: 5.439 ug/L

RT: 11.50 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampleId :

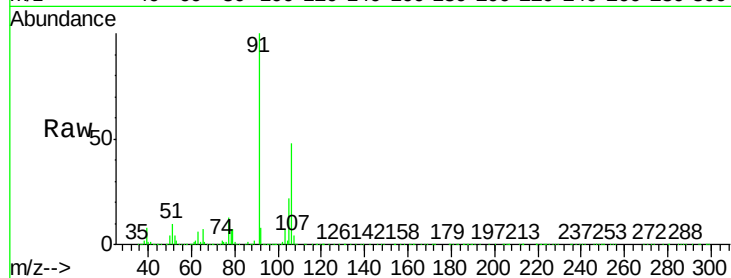
VICV86

Tgt Ion:106 Resp: 420299

Ion Ratio Lower Upper

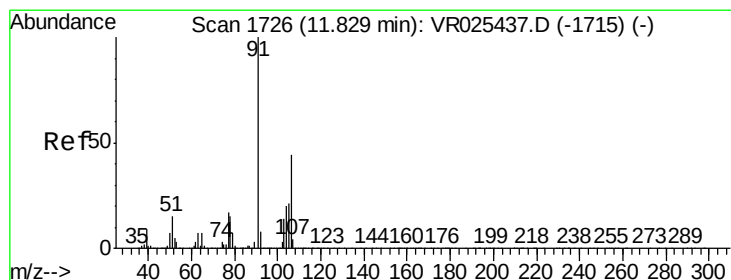
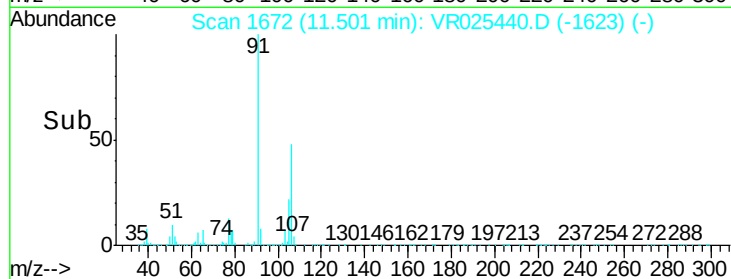
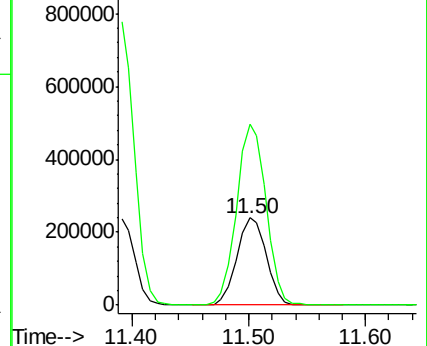
106 100

91 207.5 152.6 283.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#54

o-Xylene

Concen: 5.956 ug/L

RT: 11.83 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VR025440.D

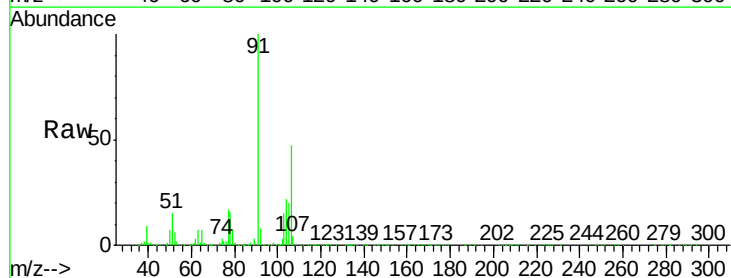
Acq: 5 Jul 2018 15:30

Tgt Ion:106 Resp: 396472

Ion Ratio Lower Upper

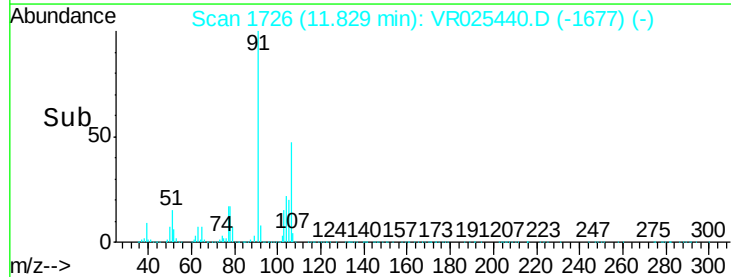
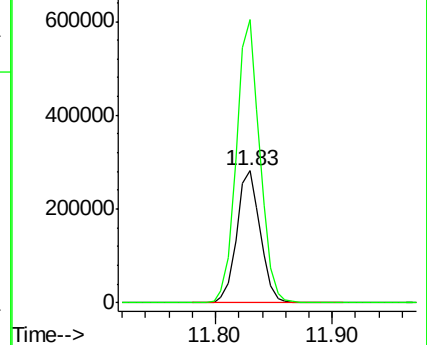
106 100

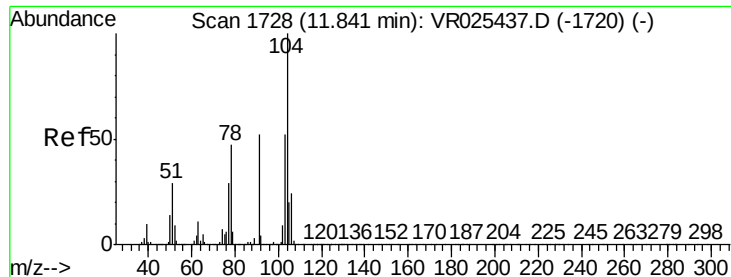
91 214.6 153.7 285.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0





#55

Styrene

Concen: 5.670 ug/L

RT: 11.84 min Scan# 1728

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampled :

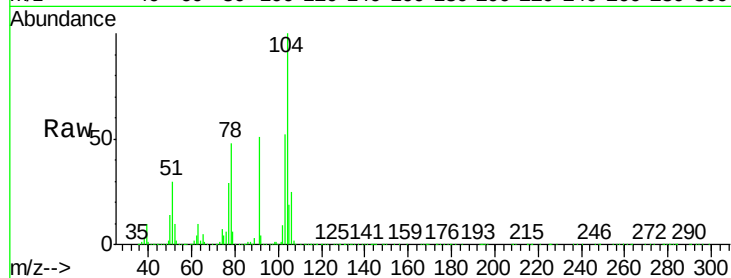
VICV86

Tgt Ion:104 Resp: 621043

Ion Ratio Lower Upper

104 100

78 48.2 35.4 65.7



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VR0

11.84

400000

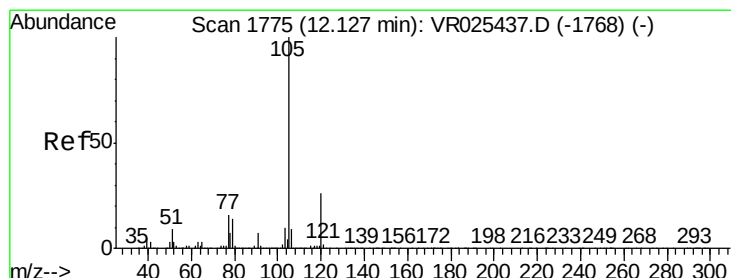
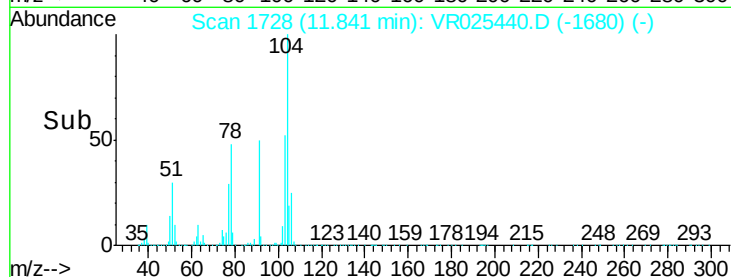
300000

200000

100000

0

Time-->



#56

Isopropylbenzene

Concen: 5.769 ug/L

RT: 12.13 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

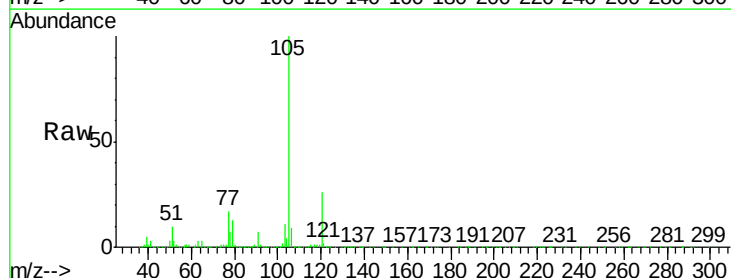
Tgt Ion:105 Resp: 1016948

Ion Ratio Lower Upper

105 100

120 26.7 20.2 30.4

77 16.2 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VR0

12.13

1000000

800000

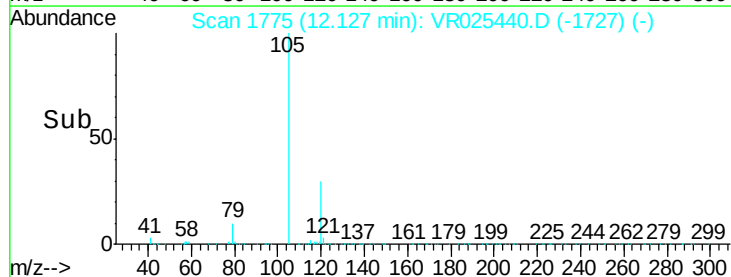
600000

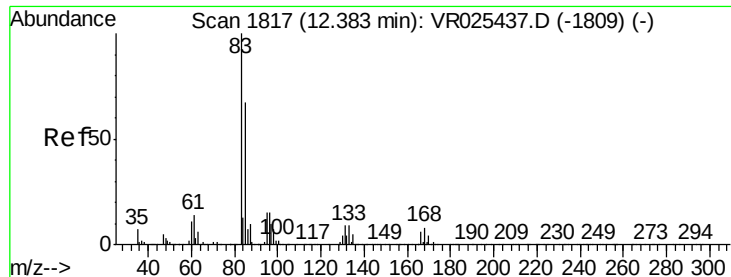
400000

200000

0

Time-->





#58

1,1,2,2-Tetrachloroethane

Concen: 4.965 ug/L

RT: 12.38 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampled :

VICV86

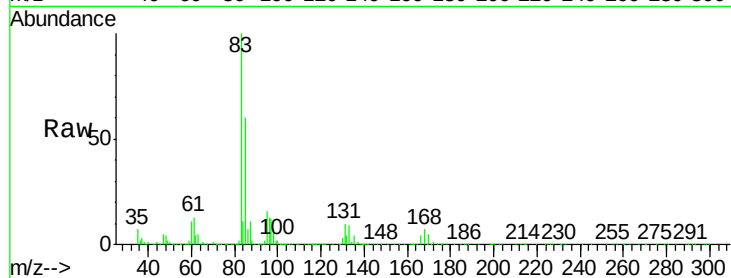
Tgt Ion: 83 Resp: 110007

Ion Ratio Lower Upper

83 100

85 60.3 41.8 77.6

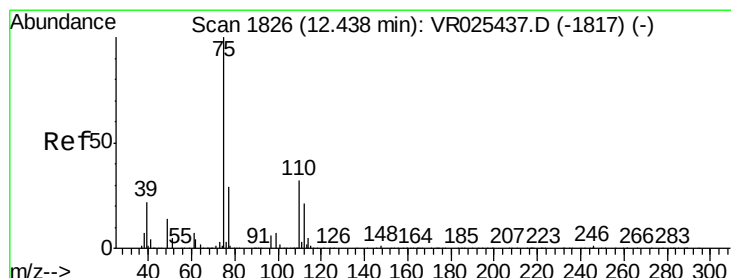
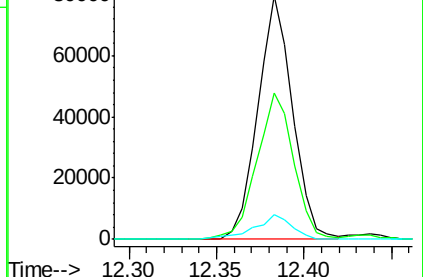
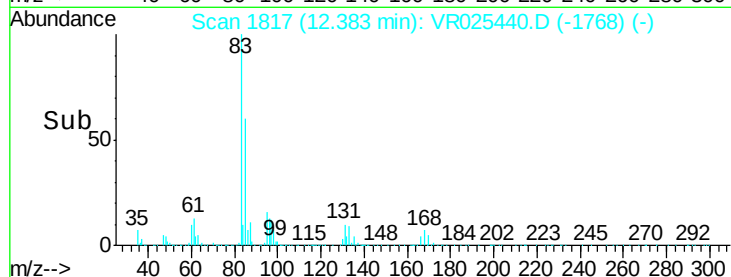
131 9.9 6.1 9.1#



Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 130.95 (130.65 to 131.65): V



#59

1,2,3-Trichloropropane

Concen: 5.221 ug/L

RT: 12.43 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VR025440.D

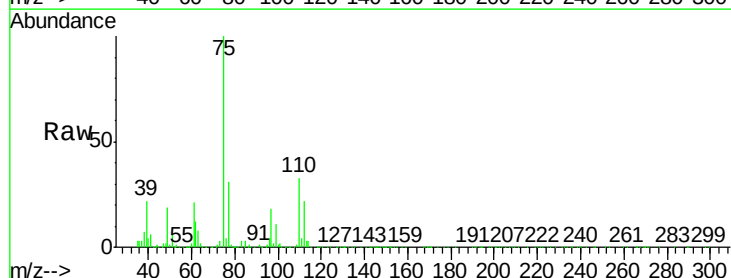
Acq: 5 Jul 2018 15:30

Tgt Ion: 75 Resp: 83272

Ion Ratio Lower Upper

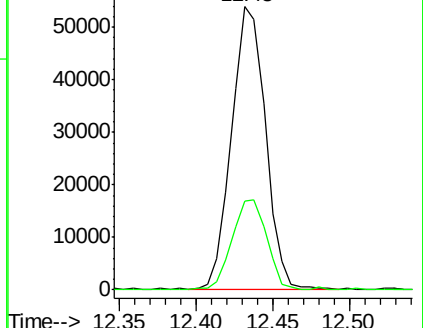
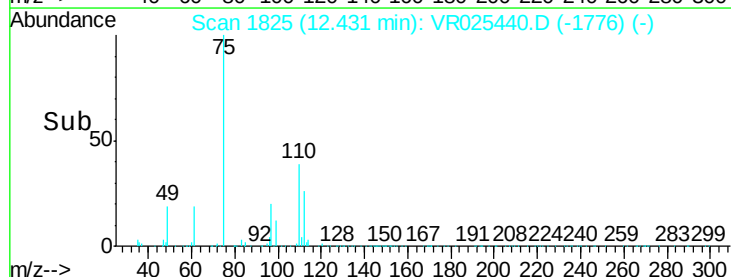
75 100

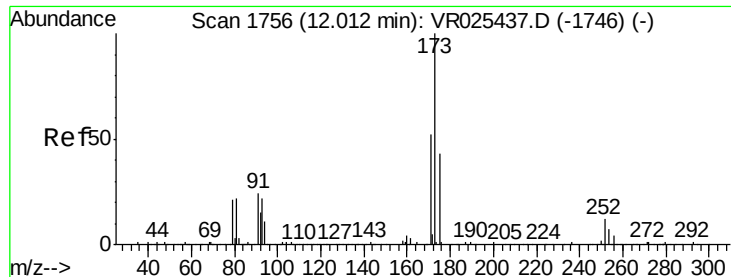
77 31.9 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VR0

Ion 77.00 (76.70 to 77.70): VR0

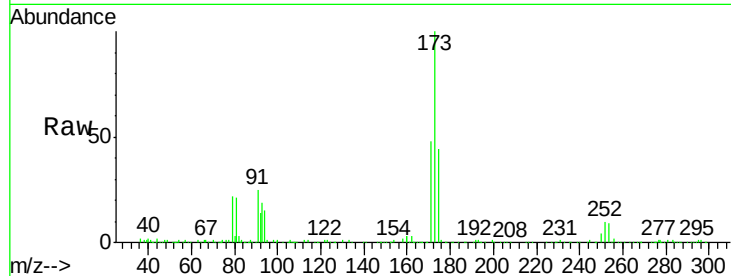




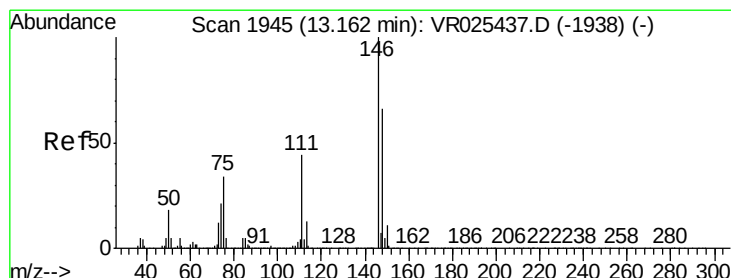
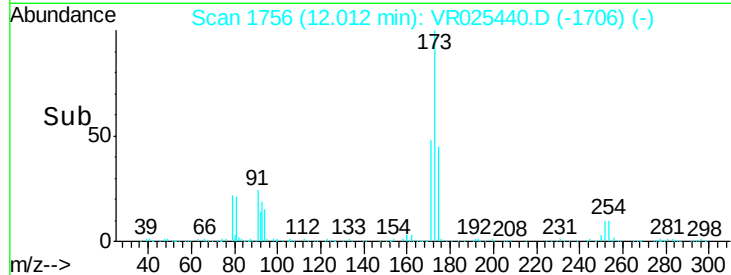
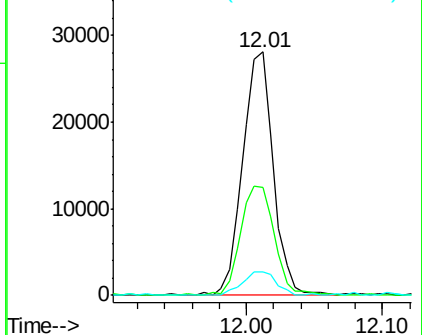
#61
 Bromoform
 Concen: 4.739 ug/L
 RT: 12.01 min Scan# 1756
 Delta R.T. 0.01 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

Instrument :
 MSVOA_R
 ClientSampled :
 VICV86

Tgt Ion:173 Resp: 44109
 Ion Ratio Lower Upper
 173 100
 175 50.1 37.5 56.3
 254 10.6 8.7 13.1

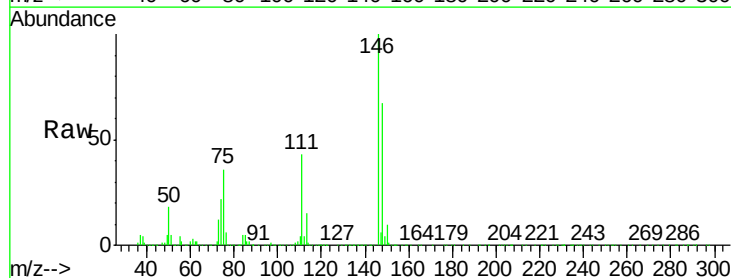


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

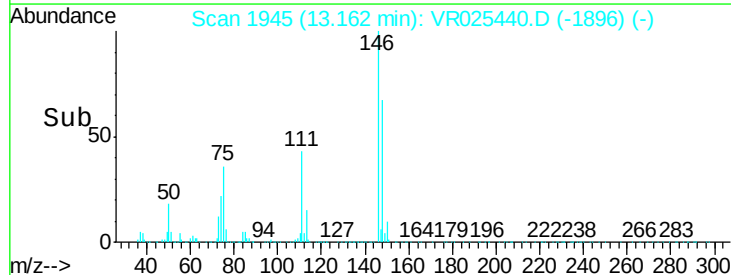
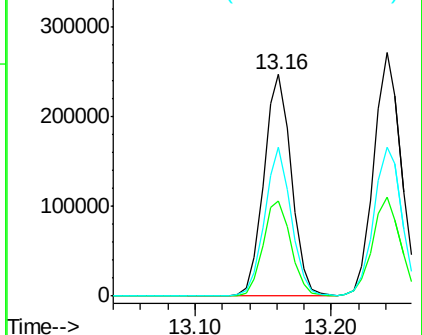


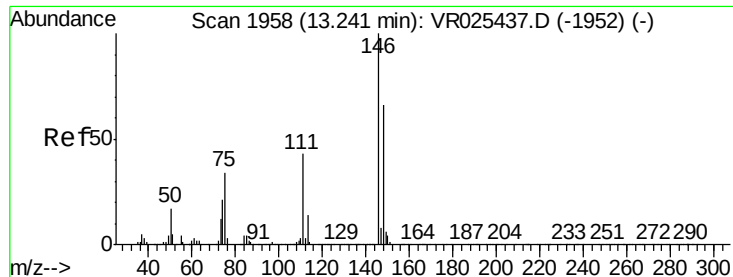
#62
 1,3-Dichlorobenzene
 Concen: 5.242 ug/L
 RT: 13.16 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

Tgt Ion:146 Resp: 351037
 Ion Ratio Lower Upper
 146 100
 111 43.2 31.0 57.6
 148 67.4 44.8 83.2



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





#63

1,4-Dichlorobenzene

Concen: 5.070 ug/L

RT: 13.24 min Scan# 1958

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

Instrument :

MSVOA_R

ClientSampled :

VICV86

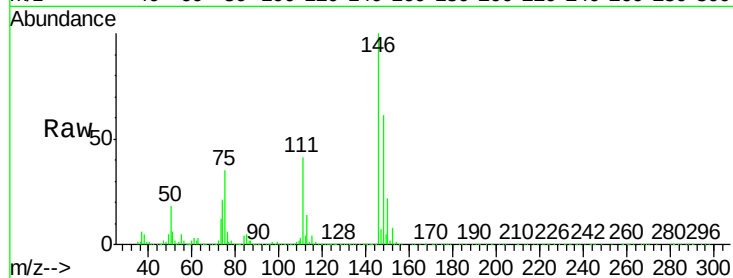
Tgt Ion:146 Resp: 376894

Ion Ratio Lower Upper

146 100

111 40.8 30.5 56.7

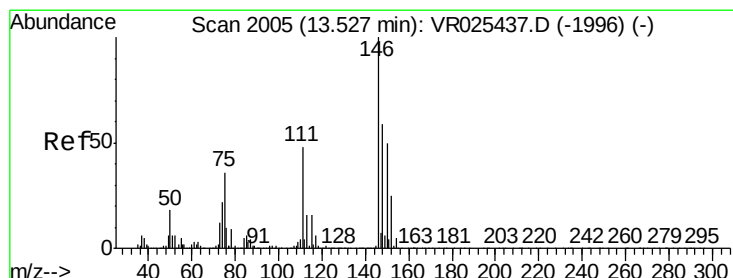
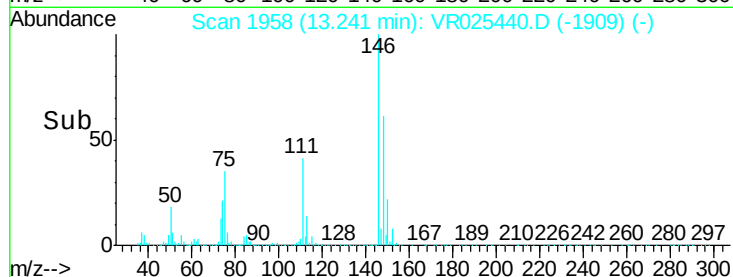
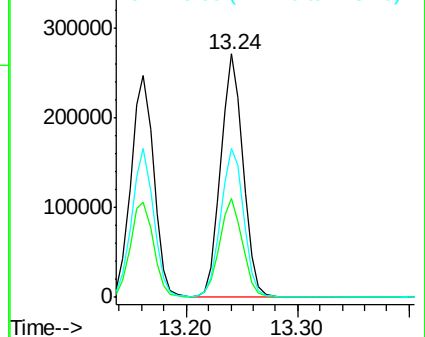
148 61.0 42.8 79.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 5.210 ug/L

RT: 13.53 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VR025440.D

Acq: 5 Jul 2018 15:30

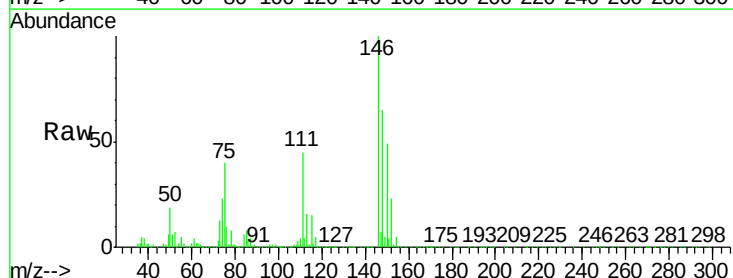
Tgt Ion:146 Resp: 303178

Ion Ratio Lower Upper

146 100

111 45.1 35.8 53.8

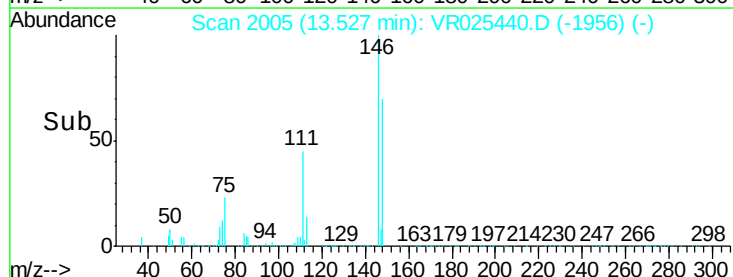
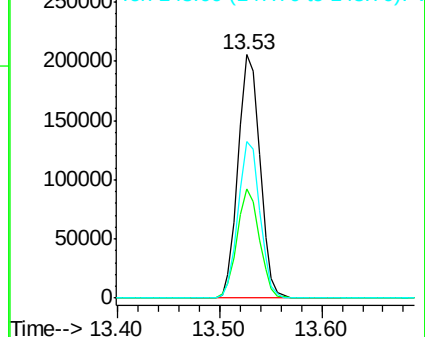
148 64.5 50.4 75.6

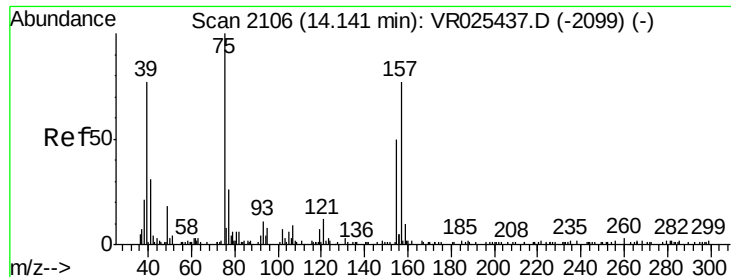


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

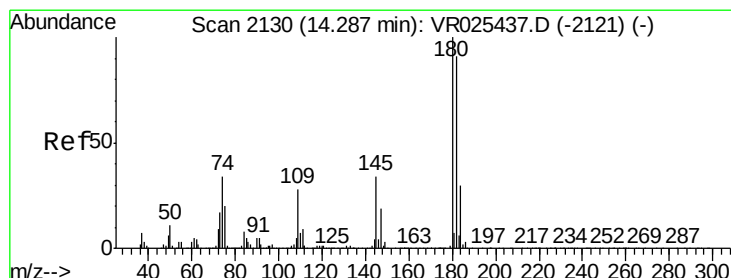
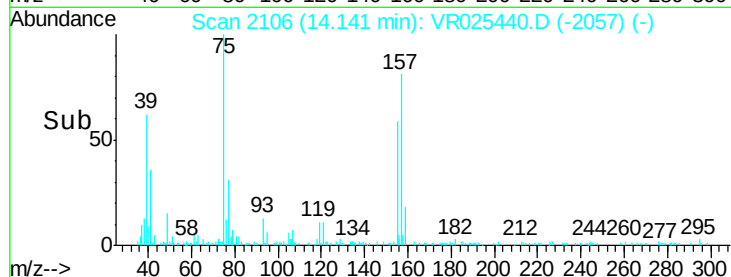
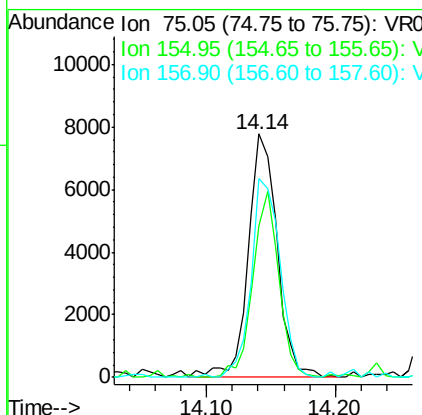
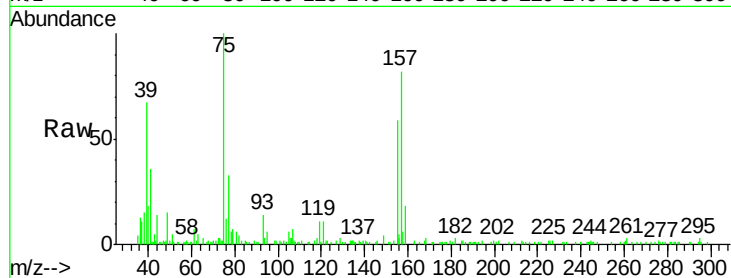




#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.659 ug/L
 RT: 14.14 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

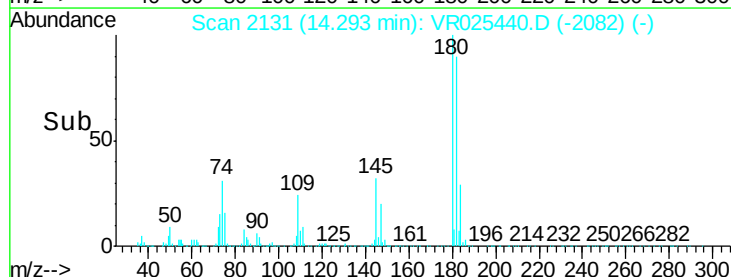
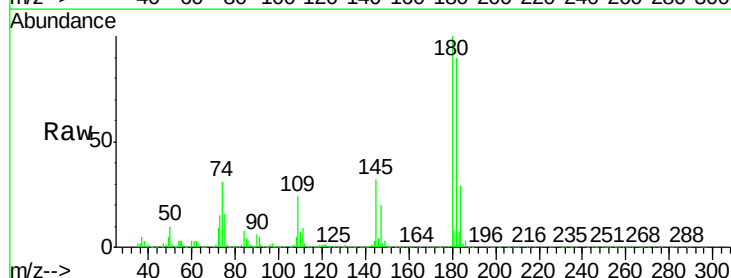
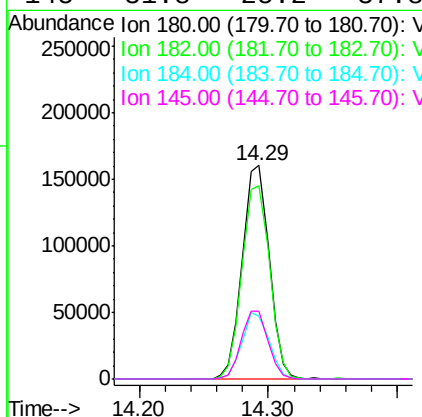
Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

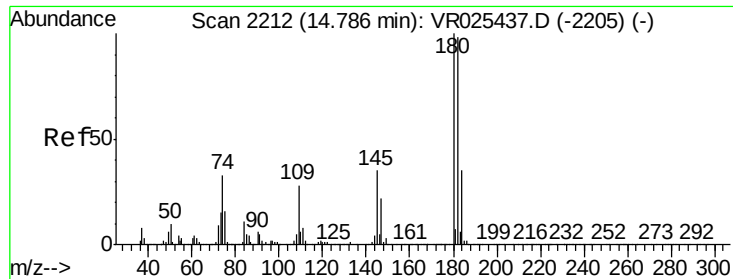
Tgt Ion: 75 Resp: 11993
 Ion Ratio Lower Upper
 75 100
 155 62.2 74.1 111.1#
 157 81.7 71.0 106.6



#67
 1,3,5-Trichlorobenzene
 Concen: 5.302 ug/L
 RT: 14.29 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

Tgt Ion: 180 Resp: 231861
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.0 114.0
 184 30.9 24.5 36.7
 145 31.8 25.2 37.8

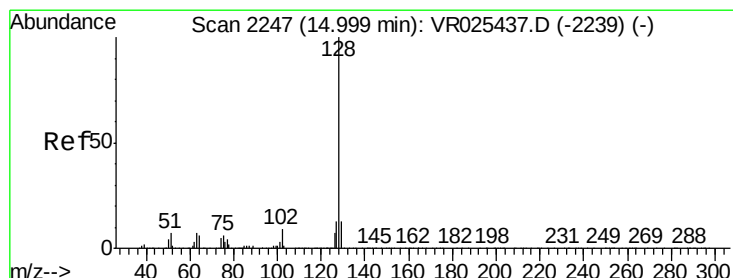
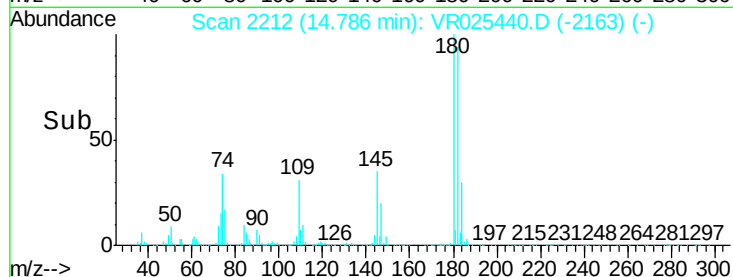
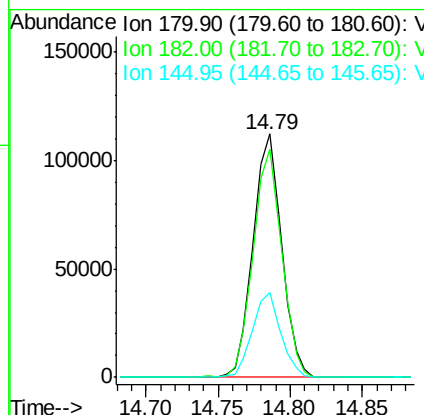
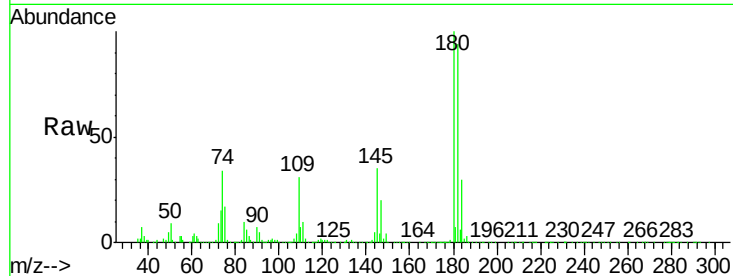




#68
 1,2,4-trichlorobenzene
 Concen: 5.086 ug/L
 RT: 14.79 min Scan# 2212
 Delta R.T. -0.00 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

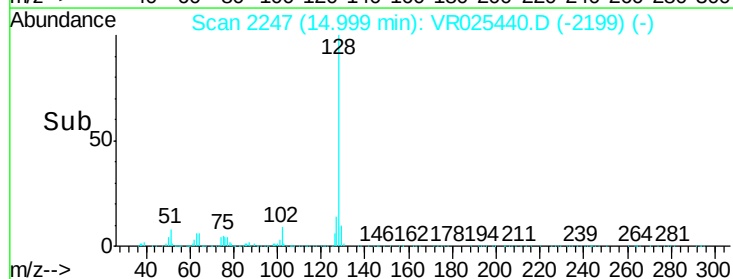
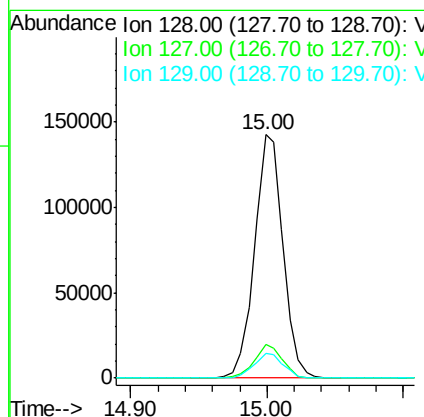
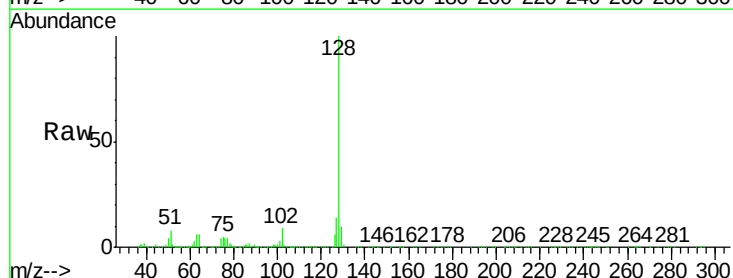
Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

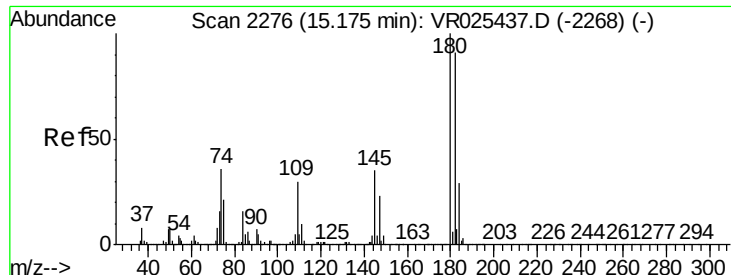
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.0	112.4
145	34.9	27.3	40.9



#69
 Naphthalene
 Concen: 5.410 ug/L
 RT: 15.00 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	10.8	8.6	13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 5.449 ug/L
 RT: 15.18 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: VR025440.D
 Acq: 5 Jul 2018 15:30

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

Tgt Ion:	180	Resp:	126344
Ion Ratio	Lower	Upper	
180	100		
182	92.5	75.2	112.8
145	36.2	28.2	42.2

