

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002559.D
 Acq On : 04 May 2020 23:21
 Operator : SY/MD
 Sample : L2473-02
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 05 07:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	14651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	22801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	19803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	7520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	7615	61.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.64%	
35) Dibromofluoromethane	7.75	113	6225	47.74	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.19	98	26321	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.49	95	7780	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

						Qvalue
3) Chloromethane	2.13	50	338	2.848	ug/l	93
5) Bromomethane	2.68	94	532	5.628	ug/l #	79
10) Methyl Iodide	4.13	142	1589	8.984	ug/l #	87
11) Tert butyl alcohol	4.97	59	130	10.257	ug/l #	74
13) Acrolein	3.76	56	50	5.705	ug/l #	16
15) Acrylonitrile	5.20	53	144	4.278	ug/l #	70
16) Acetone	3.98	43	335	13.177	ug/l #	88
20) Methylene Chloride	4.74	84	215	1.512	ug/l #	82
25) 2-Butanone	7.01	43	358	8.602	ug/l #	45
26) 2,2-Dichloropropane	7.00	77	440	2.104	ug/l #	52
36) 1,1-Dichloropropene	7.83	75	1109	5.802	ug/l #	40
37) Ethyl Acetate	7.01	43	358	3.645	ug/l #	1
38) Carbon Tetrachloride	7.81	117	1270	6.086	ug/l #	12
41) Methacrylonitrile	7.38	41	105	1.988	ug/l #	37
51) 4-Methyl-2-Pentanone	10.09	43	522	5.500	ug/l #	83
59) 2-Hexanone	10.85	43	187	2.863	ug/l #	22
60) Dibromochloromethane	10.73	129	274	1.927	ug/l #	10
64) Tetrachloroethene	10.72	164	256	1.455	ug/l #	72
65) Chlorobenzene	11.54	112	377	1.001	ug/l #	42
68) m/p-Xylenes	11.71	106	505	1.974	ug/l	98
69) o-Xylene	12.04	106	279	1.165	ug/l	88
73) Isopropylbenzene	12.34	105	528	1.083	ug/l #	58
76) 1,2,3-Trichloropropane	12.64	75	120	1.796	ug/l #	100
77) Bromobenzene	12.61	156	340	2.792	ug/l #	43
78) n-propylbenzene	12.68	91	734	1.298	ug/l #	67
79) 2-Chlorotoluene	12.77	91	516	1.647	ug/l	93
80) 1,3,5-Trimethylbenzene	12.83	105	728	1.802	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.49	75	3453	103.609	ug/l #	15
82) 4-Chlorotoluene	12.86	91	661	2.009	ug/l	94
83) tert-Butylbenzene	13.08	119	444	1.253	ug/l	84
84) 1,2,4-Trimethylbenzene	13.13	105	722	1.793	ug/l	96
85) sec-Butylbenzene	13.27	105	710	1.444	ug/l	94
86) p-Isopropyltoluene	13.38	119	725	1.574	ug/l #	84
87) 1,3-Dichlorobenzene	13.46	146	685	2.972	ug/l	82

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QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

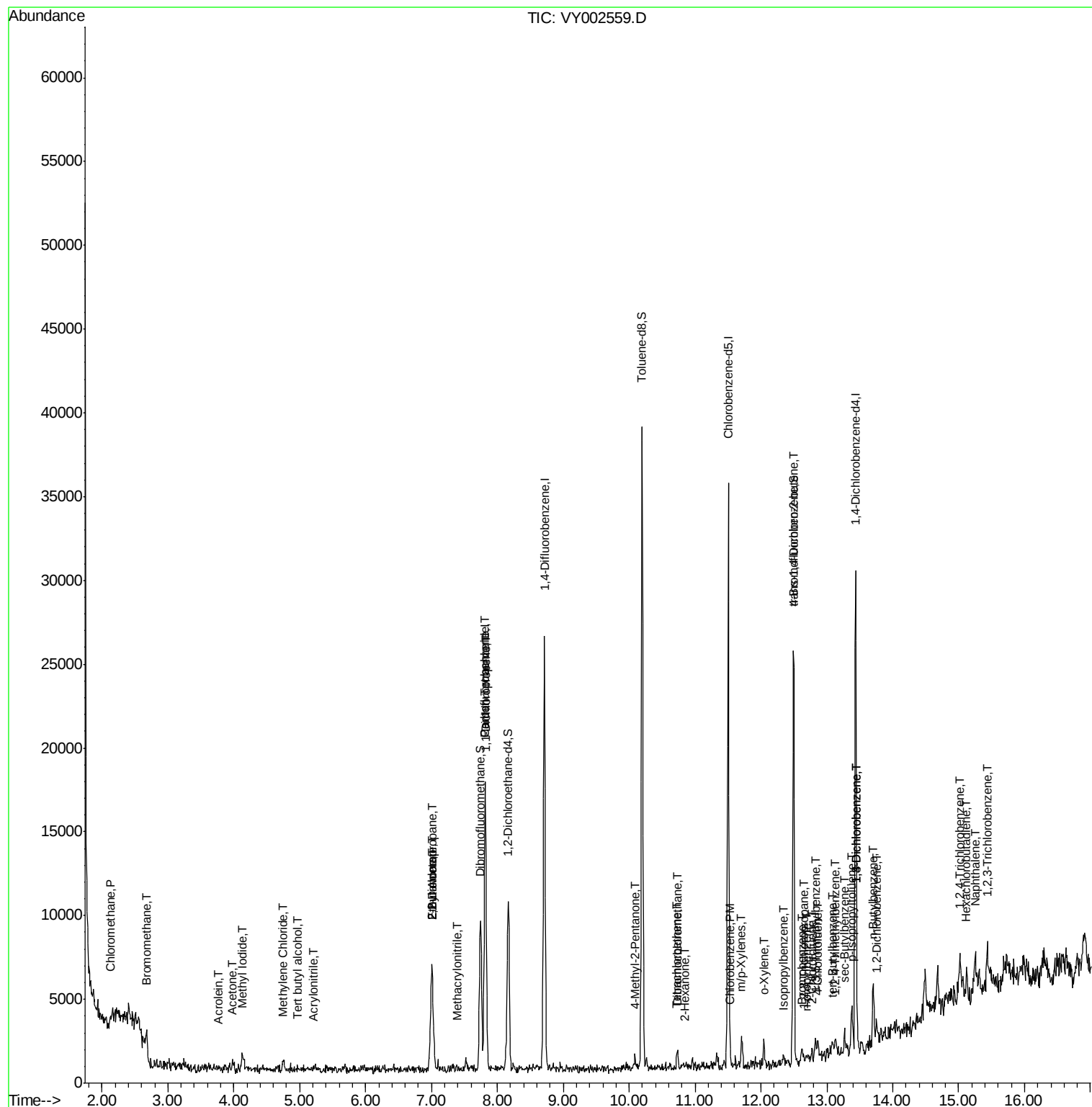
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.46	146	685	3.002	ug/l #	80
89) n-Butylbenzene	13.70	91	905	2.158	ug/l	91
91) 1,2-Dichlorobenzene	13.75	146	572	2.782	ug/l #	76
93) 1,2,4-Trichlorobenzene	15.03	180	592	3.965	ug/l #	68
94) Hexachlorobutadiene	15.12	225	285	3.180	ug/l	96
95) Naphthalene	15.25	128	1763	6.473	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.43	180	651	5.136	ug/l #	79

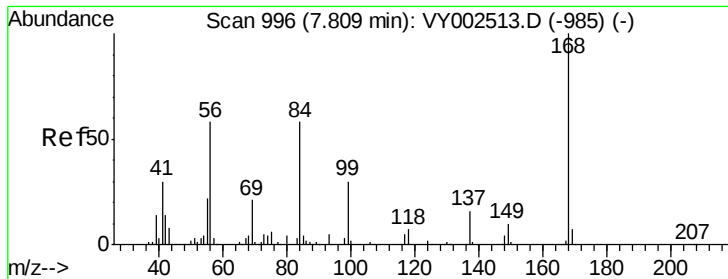
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
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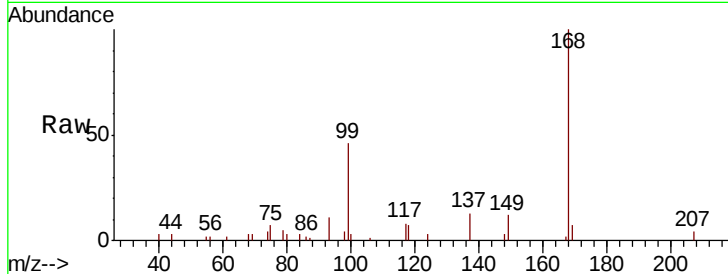


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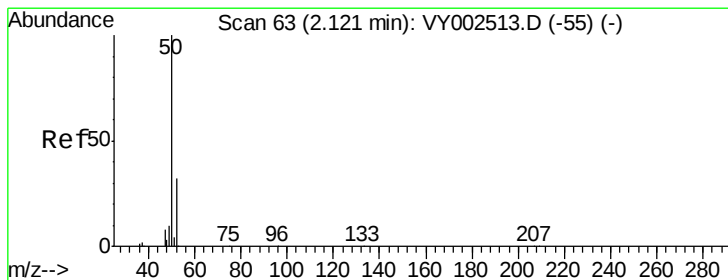
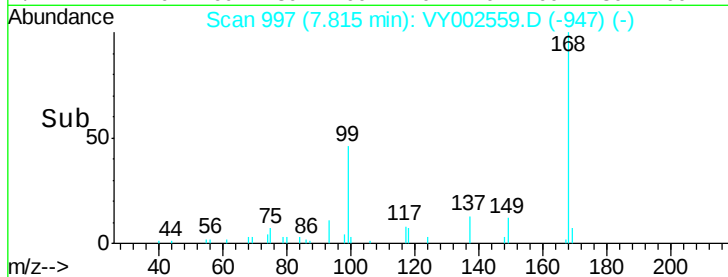
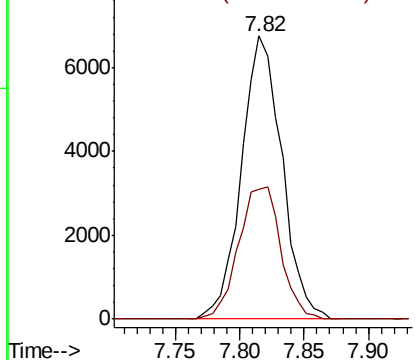
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: VY002559.D
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Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tot Ion:168 Resp: 14651
 Ion Ratio Lower Upper
 168 100
 99 46.0 39.2 58.8



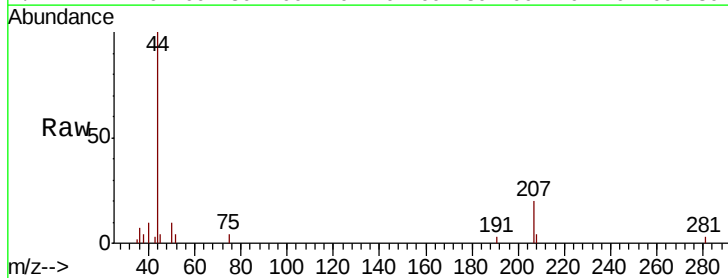
Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)
 Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)



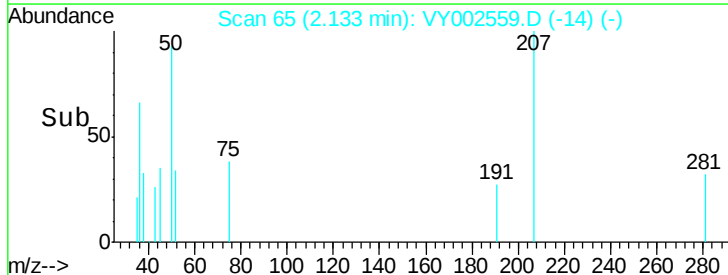
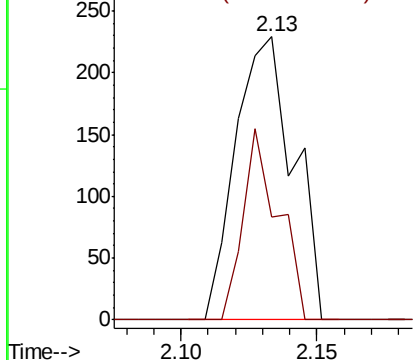
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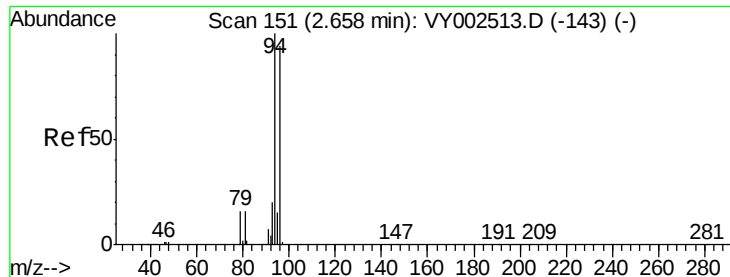
Chloromethane
 Concen: 2.848 ug/l
 RT: 2.13 min Scan# 65
 Delta R.T. 0.01 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Tgt Ion: 50 Resp: 338
 Ion Ratio Lower Upper
 50 100
 52 36.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY002513.D (-55) (-)
 Ion 51.90 (51.60 to 52.60): VY002513.D (-55) (-)





#5

Bromomethane

Concen: 5.628 ug/l

RT: 2.68 min Scan# 155

Delta R.T. 0.02 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

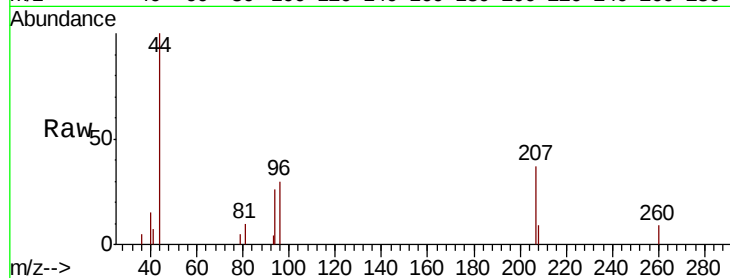
VOC

Tot Ion: 94 Resp: 532

Ion Ratio Lower Upper

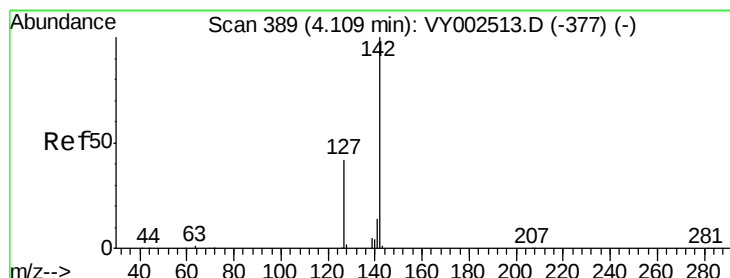
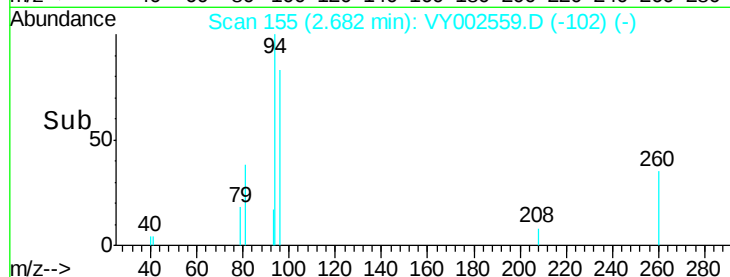
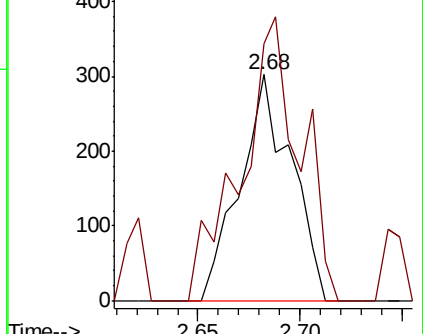
94 100

96 113.6 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#10

Methyl Iodide

Concen: 8.984 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

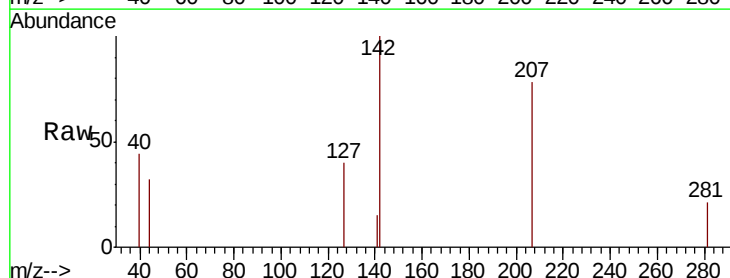
Tgt Ion: 142 Resp: 1589

Ion Ratio Lower Upper

142 100

127 36.8 33.7 50.5

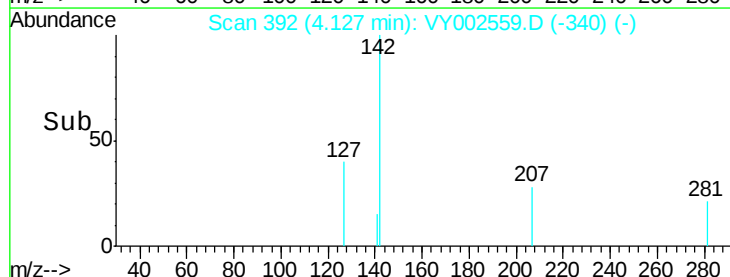
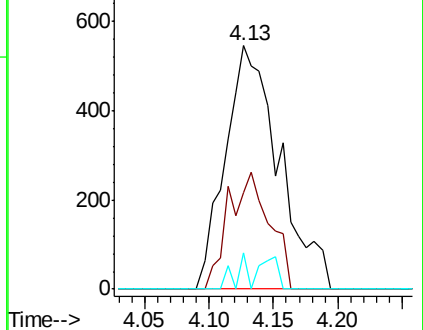
141 3.1 11.4 17.0#

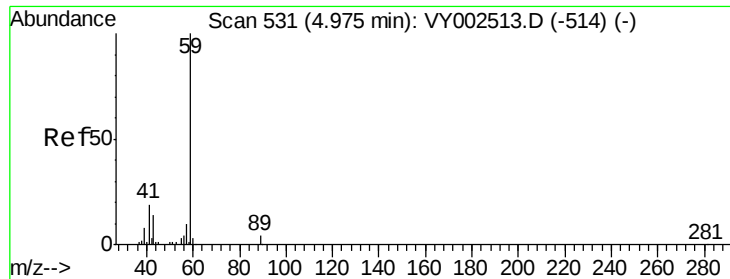


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

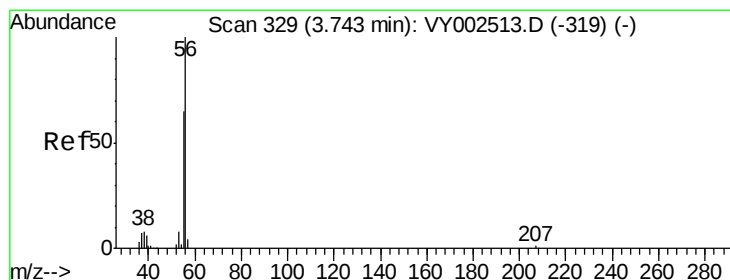
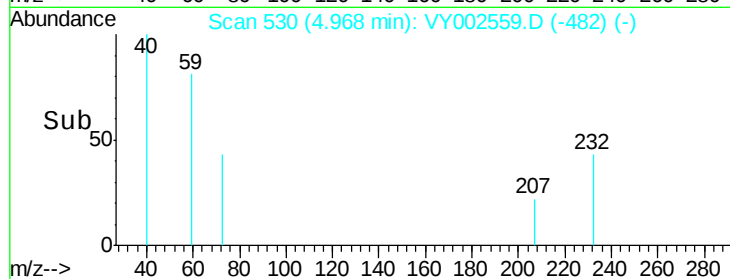
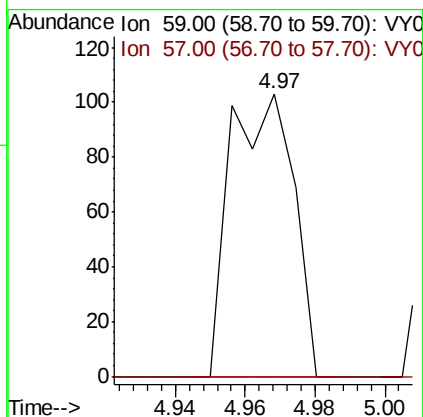
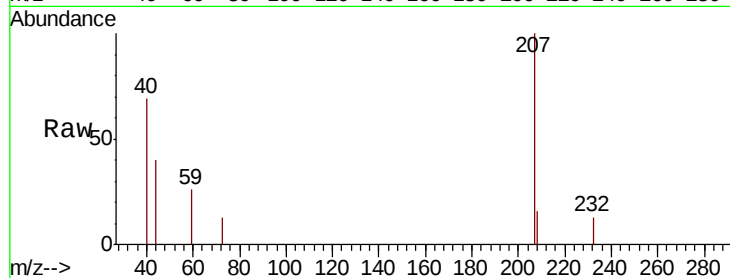




#11
Tert butyl alcohol
Concen: 10.257 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

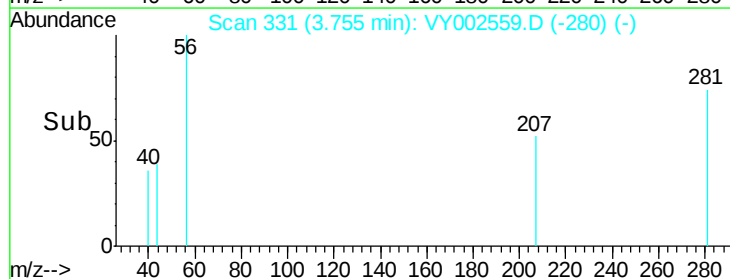
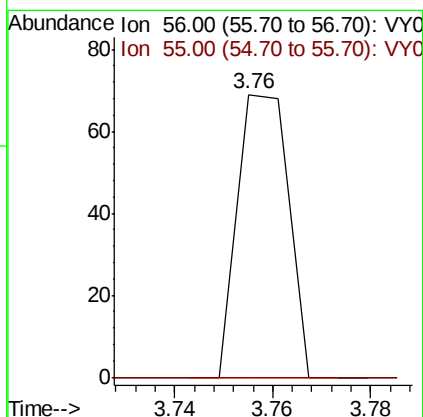
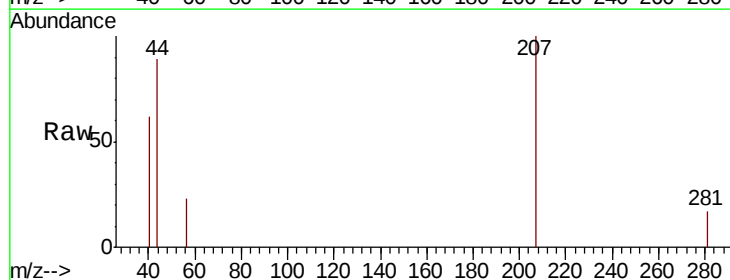
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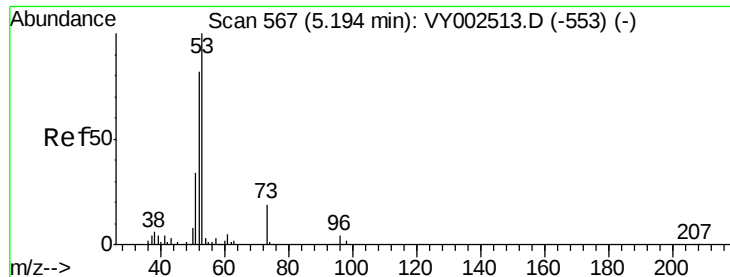
Tot Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 5.705 ug/l
RT: 3.76 min Scan# 331
Delta R.T. 0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.6#

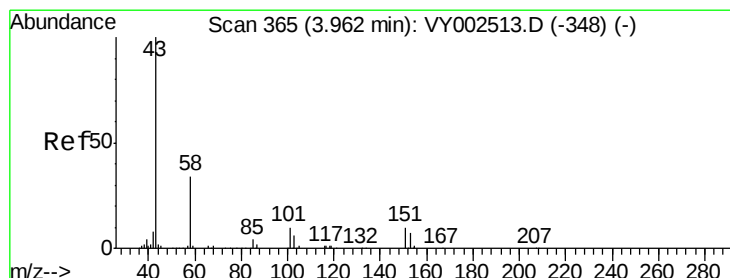
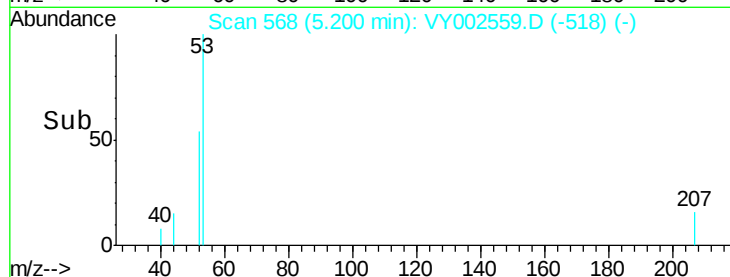
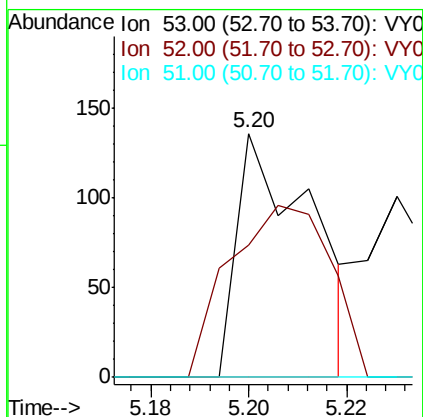
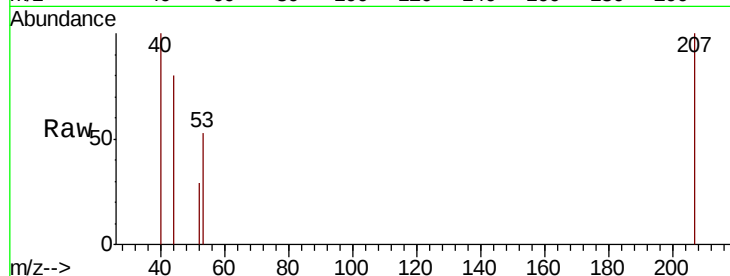




#15
Acrylonitrile
Concen: 4.278 ug/l
RT: 5.20 min Scan# 568
Delta R.T. 0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

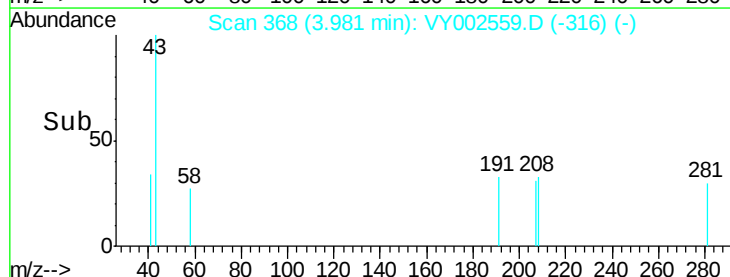
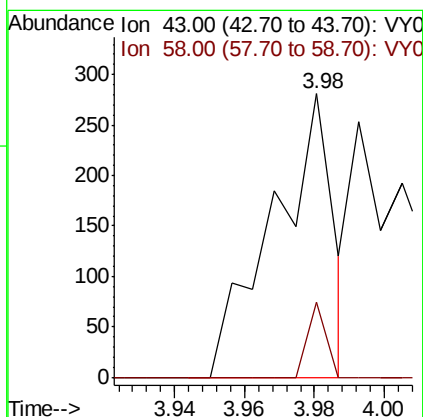
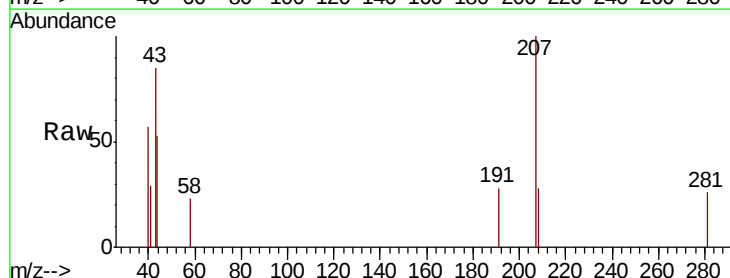
Instrument :
MSVOA_Y
ClientSampled :
VOC

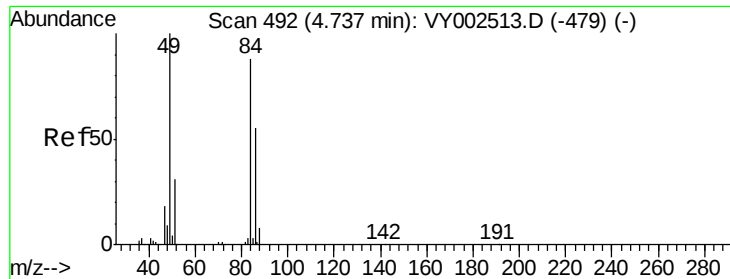
Tot Ion: 53 Resp: 144
Ion Ratio Lower Upper
53 100
52 96.5 65.4 98.0
51 0.0 28.7 43.1#



#16
Acetone
Concen: 13.177 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 26.7 26.9 40.3#

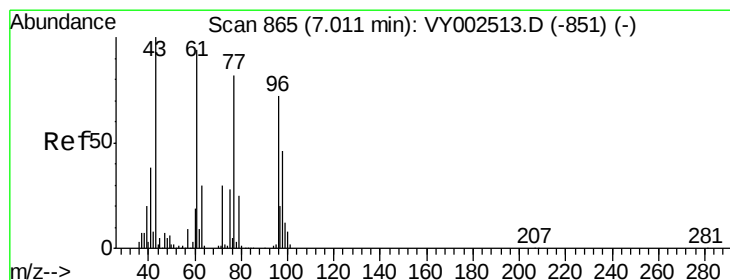
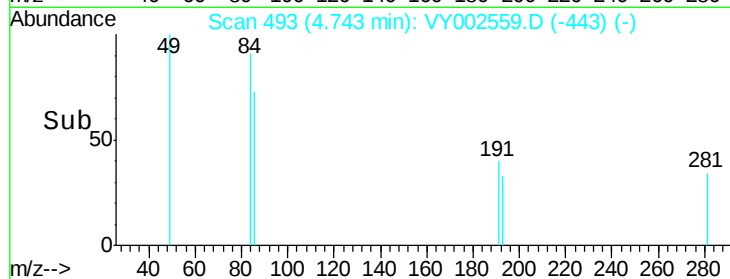
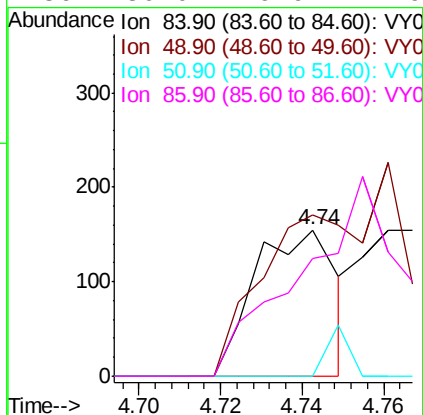
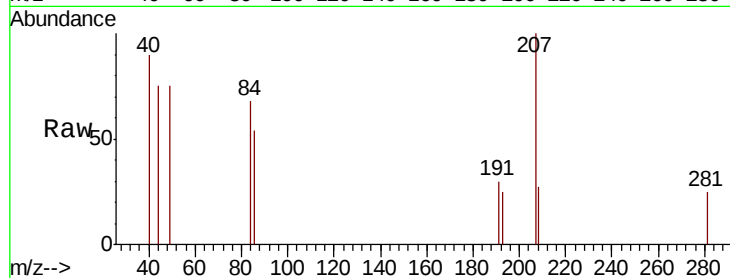




#20
Methvlene Chloride
Concen: 1.512 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

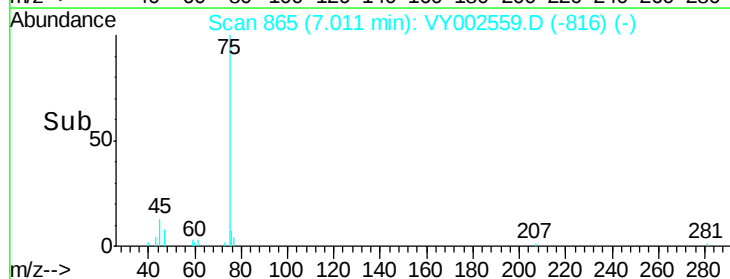
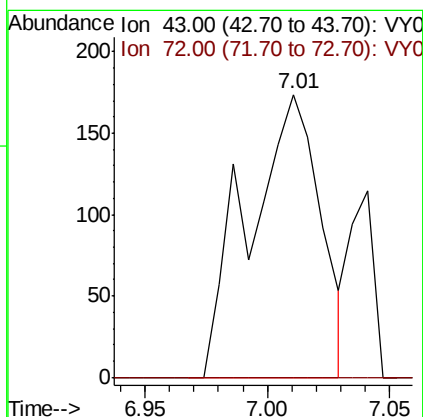
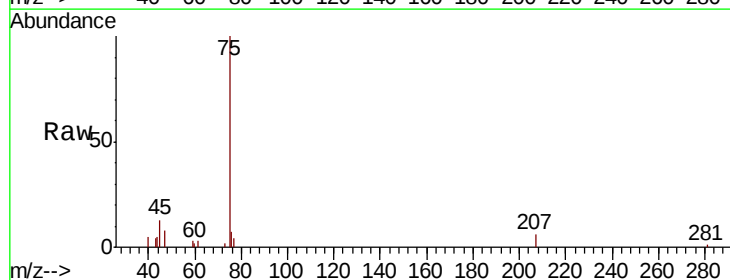
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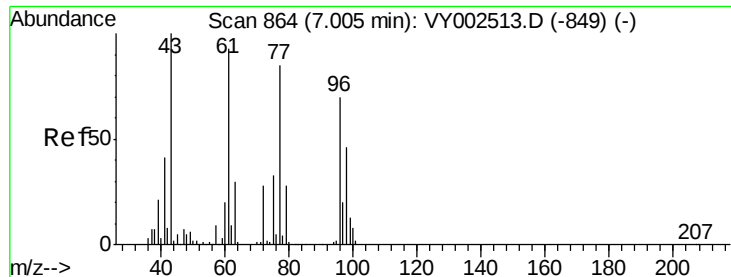
Tot Ion: 84 Resp: 215
Ion Ratio Lower Upper
84 100
49 110.3 90.5 135.7
51 0.0 28.3 42.5#
86 80.0 49.9 74.9#



#25
2-Butanone
Concen: 8.602 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Tgt Ion: 43 Resp: 358
Ion Ratio Lower Upper
43 100
72 0.0 24.1 36.1#





#26

2,2-Dichloropropane

Concen: 2.104 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

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ClientSampleId :

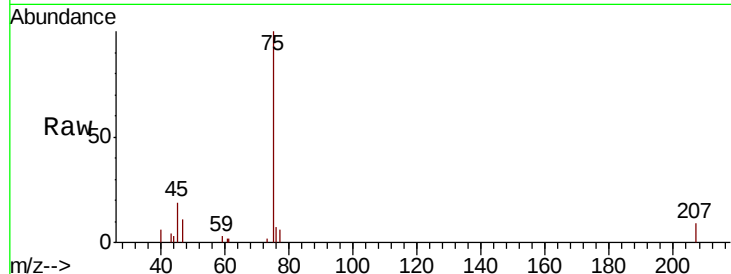
VOC

Tot Ion: 77 Resp: 440

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.5#



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.00

250

200

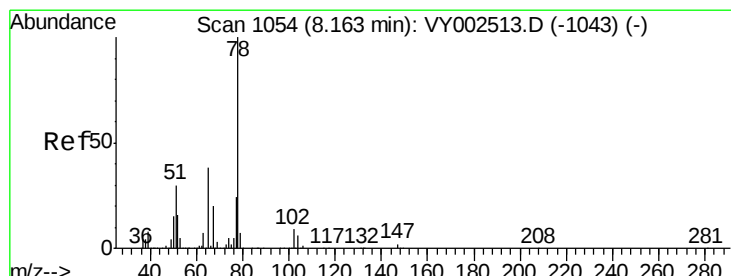
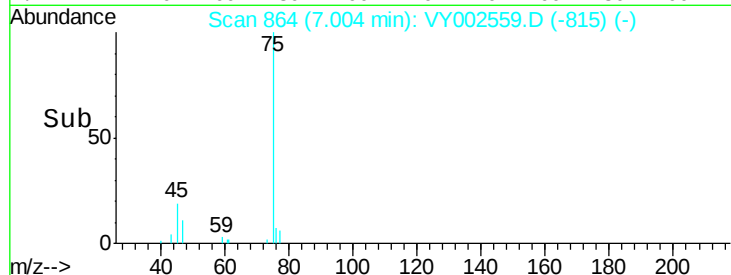
150

100

50

0

Time--> 6.95 7.00 7.05



#33

1,2-Dichloroethane-d4

Concen: 61.816 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002559.D

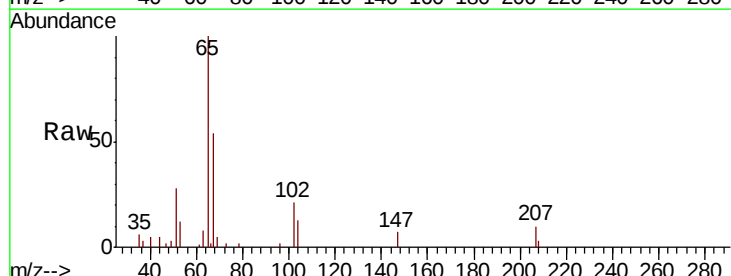
Acq: 04 May 2020 23:21

Tgt Ion: 65 Resp: 7615

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.17

4000

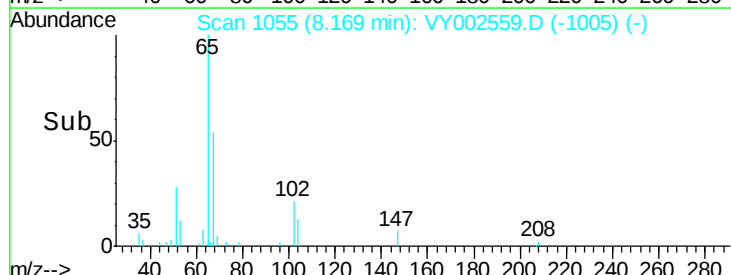
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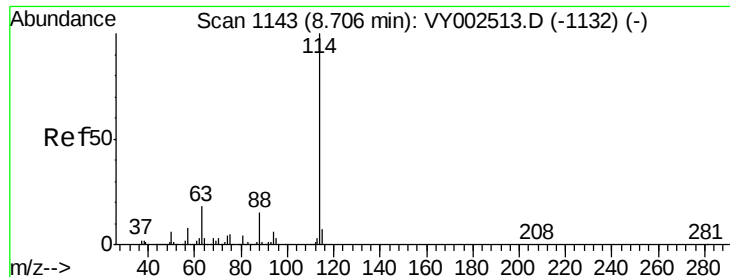
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1000

0

Time--> 8.10 8.15 8.20 8.25

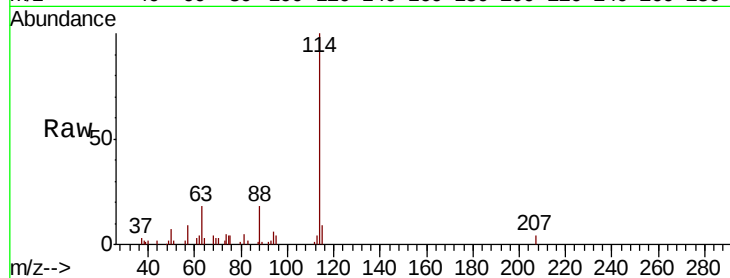




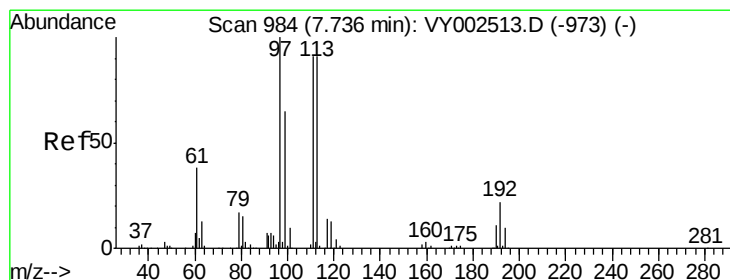
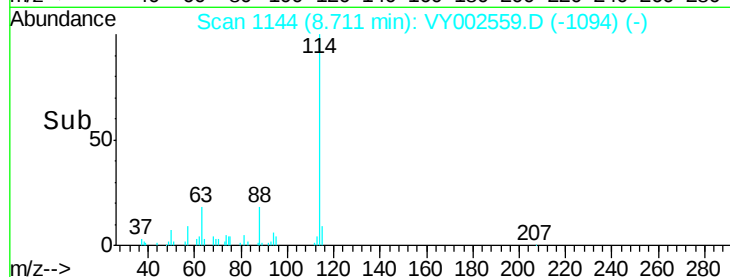
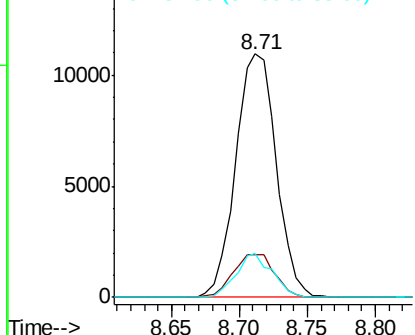
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tot Ion:114	Resp:	22801
Ion	Ratio	Lower Upper
114	100	
63	17.7	0.0 36.4
88	18.0	0.0 29.6

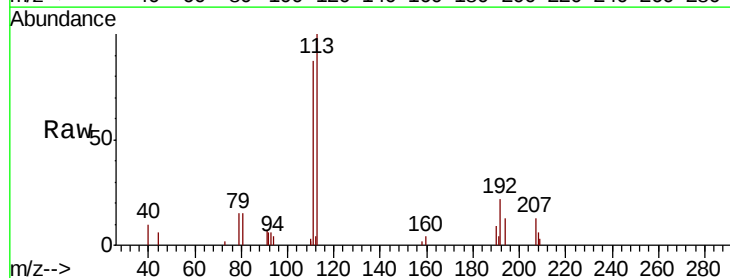


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

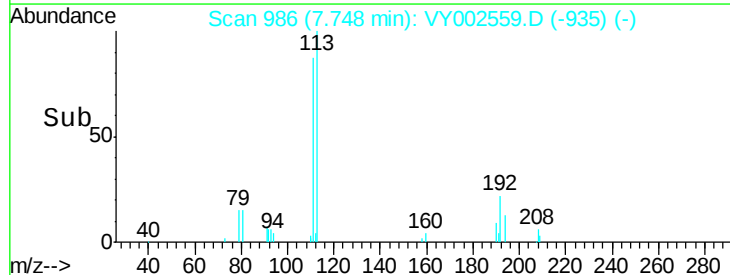
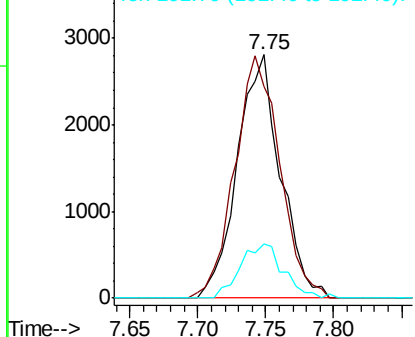


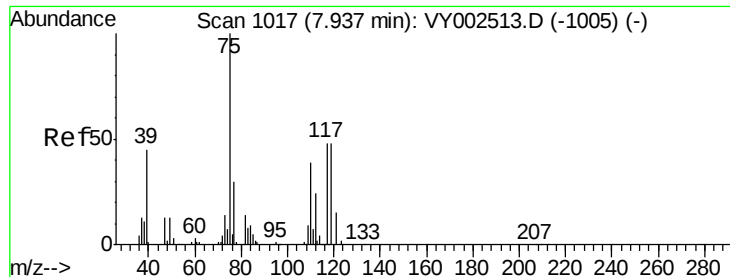
#35
 Dibromofluoromethane
 Concen: 47.738 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Tgt Ion:113	Resp:	6225
Ion	Ratio	Lower Upper
113	100	
111	103.7	81.8 122.6
192	22.4	18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.802 ug/l

RT: 7.83 min Scan# 999

Delta R.T. -0.11 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

VOC

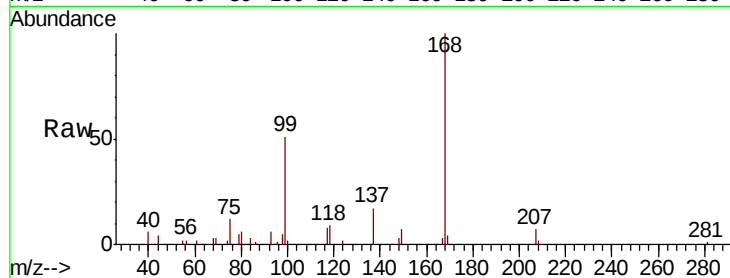
Tot Ion: 75 Resp: 1109

Ion Ratio Lower Upper

75 100

110 0.0 19.1 57.3#

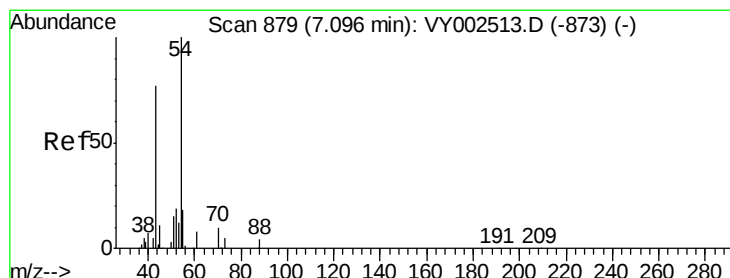
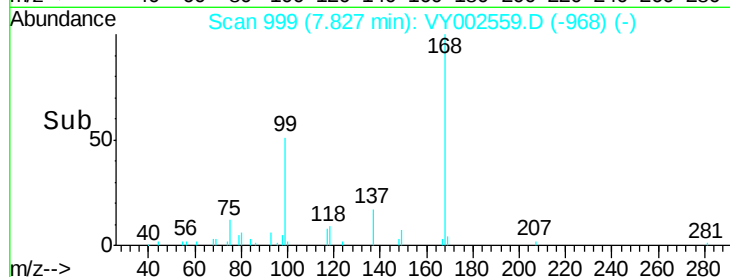
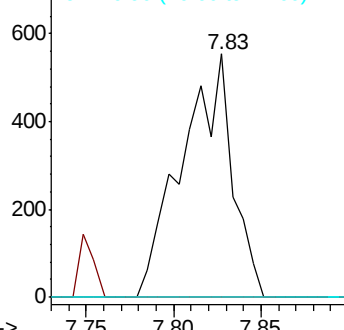
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 3.645 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.09 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

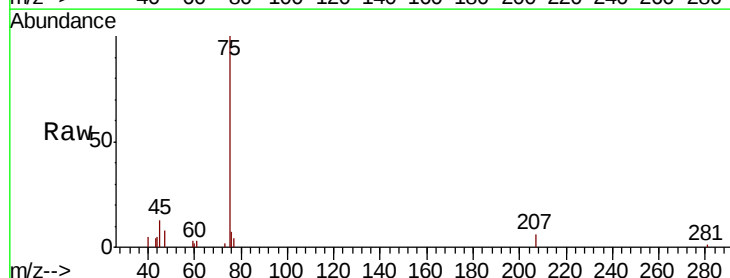
Tgt Ion: 43 Resp: 358

Ion Ratio Lower Upper

43 100

61 98.9 11.6 17.4#

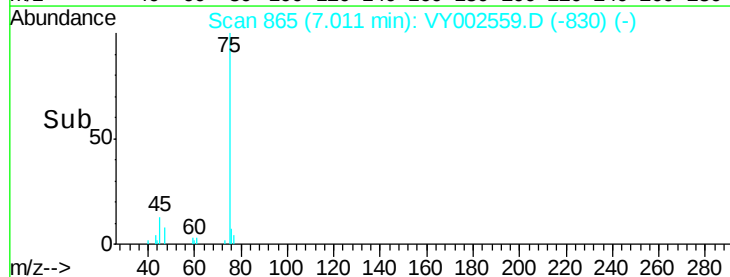
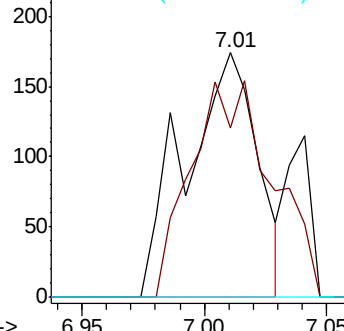
70 0.0 9.0 13.6#

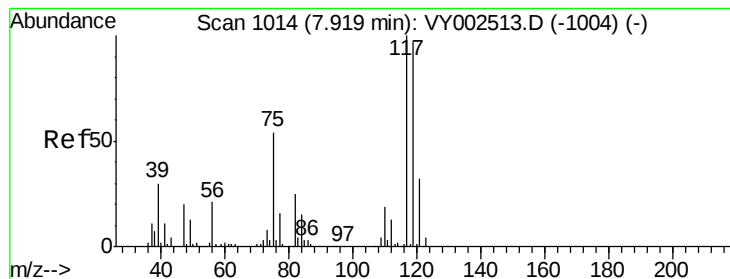


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0





#38

Carbon Tetrachloride

Concen: 6.086 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampleId :

VOC

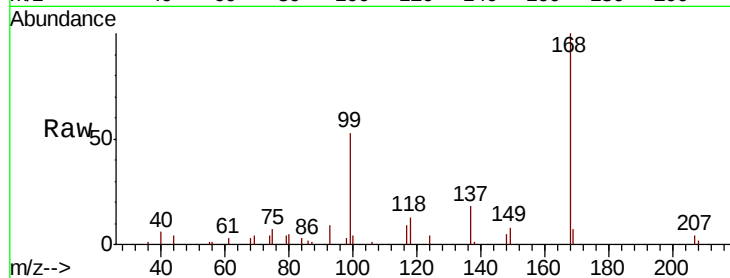
Tot Ion:117 Resp: 1270

Ion Ratio Lower Upper

117 100

119 0.0 77.1 115.7#

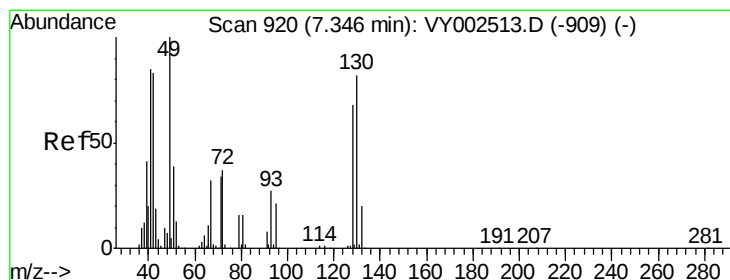
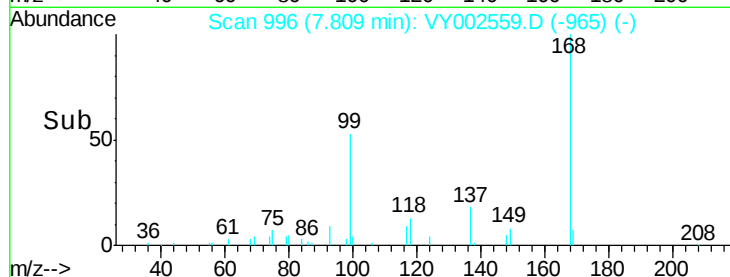
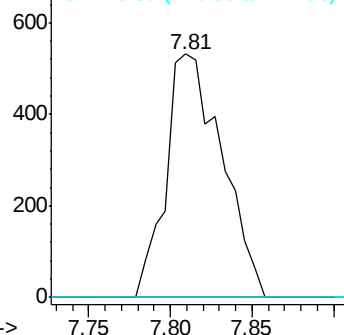
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 1.988 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.04 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Tgt Ion: 41 Resp: 105

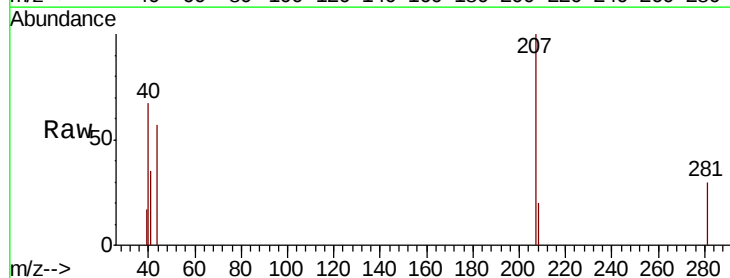
Ion Ratio Lower Upper

41 100

39 39.0 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

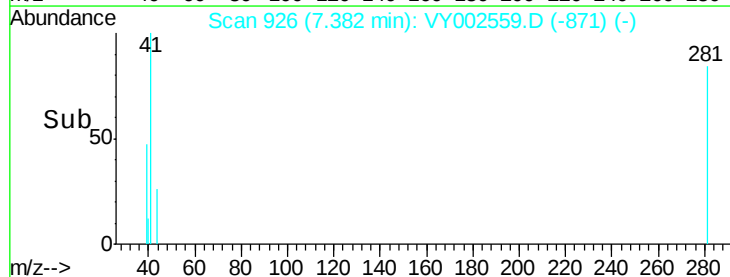
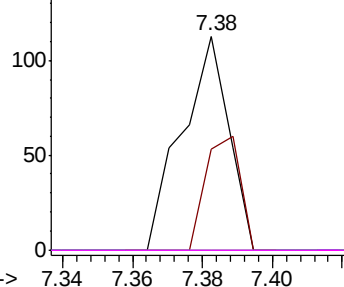


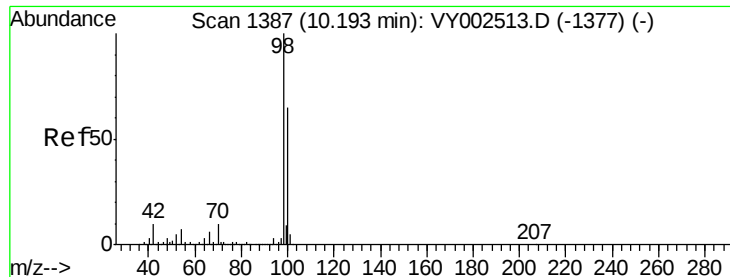
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#50

Toluene-d8

Concen: 51.688 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

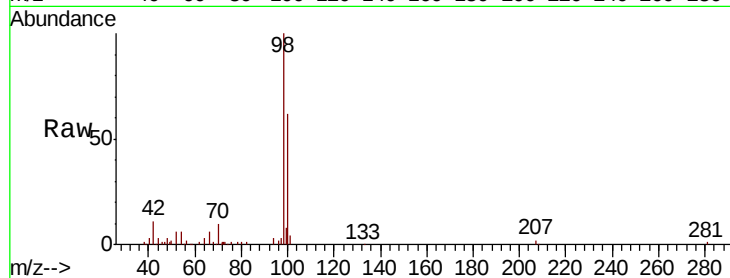
VOC

Tot Ion: 98 Resp: 26321

Ion Ratio Lower Upper

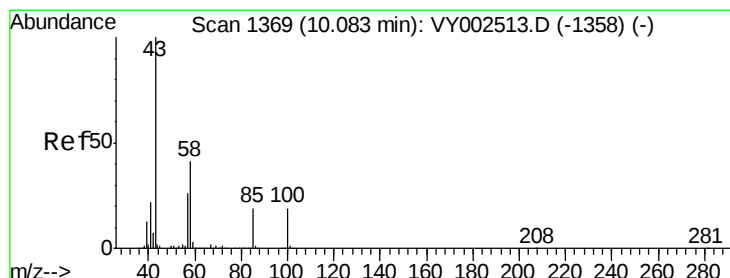
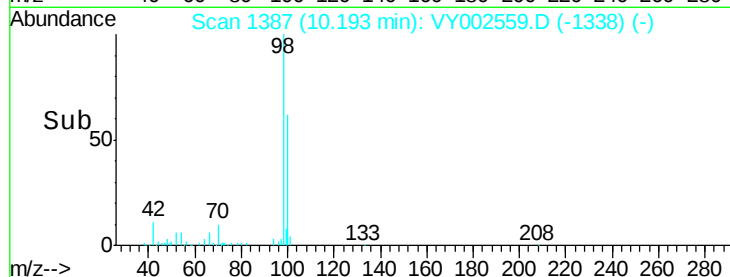
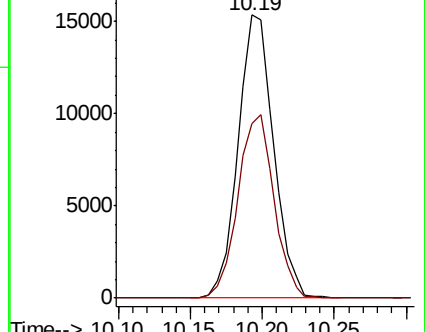
98 100

100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)



#51

4-Methyl-2-Pentanone

Concen: 5.500 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002559.D

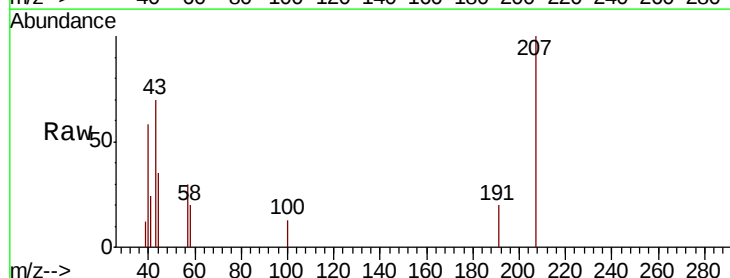
Acq: 04 May 2020 23:21

Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

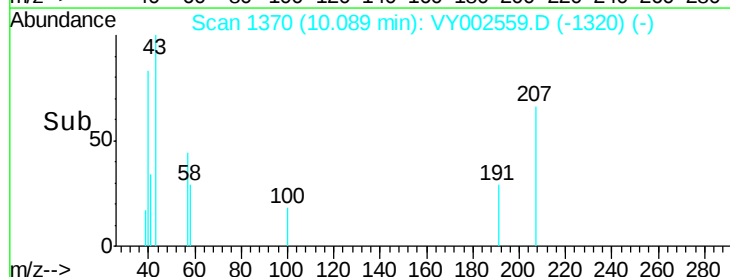
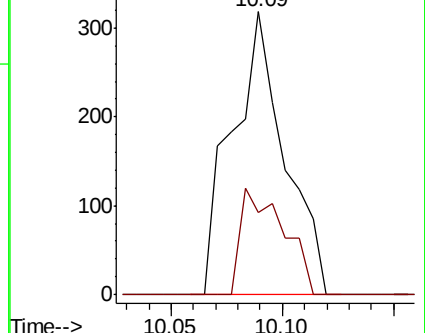
43 100

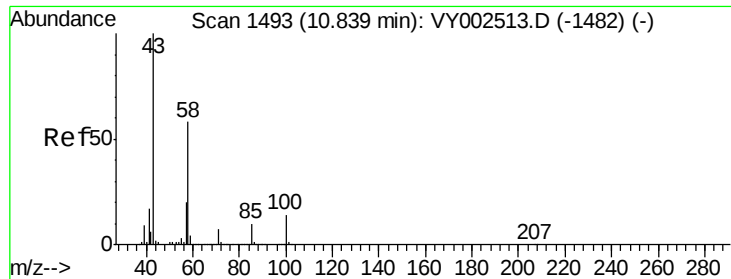
58 30.8 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)





#59

2-Hexanone

Concen: 2.863 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

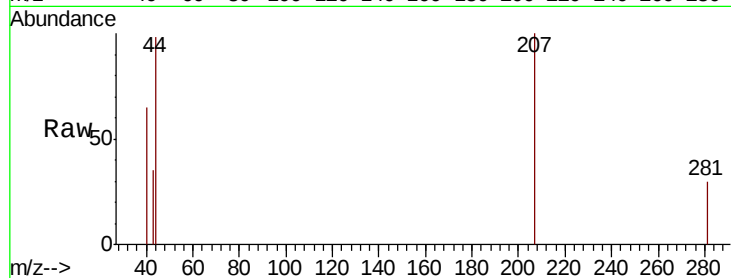
VOC

Tot Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

58 0.0 29.1 87.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.85

100

80

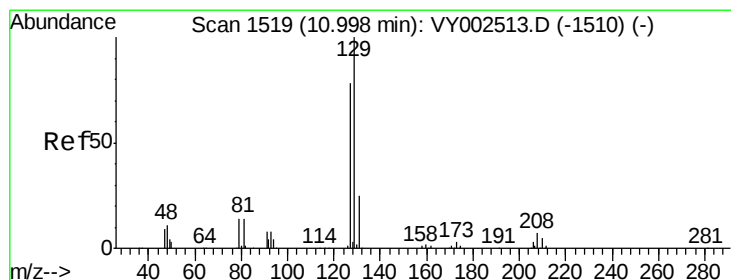
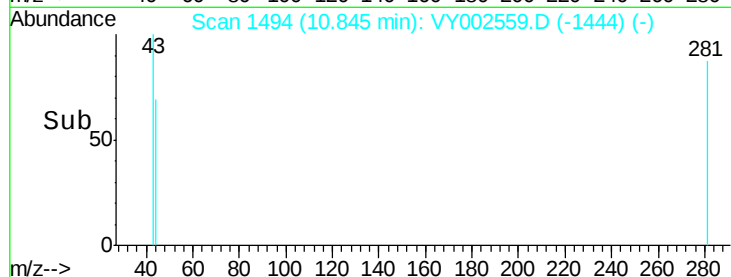
60

40

20

0

Time--> 10.80



#60

Dibromochloromethane

Concen: 1.927 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. -0.27 min

Lab File: VY002559.D

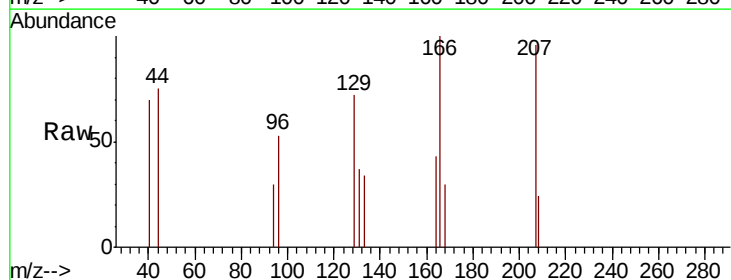
Acq: 04 May 2020 23:21

Tgt Ion: 129 Resp: 274

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.73

200

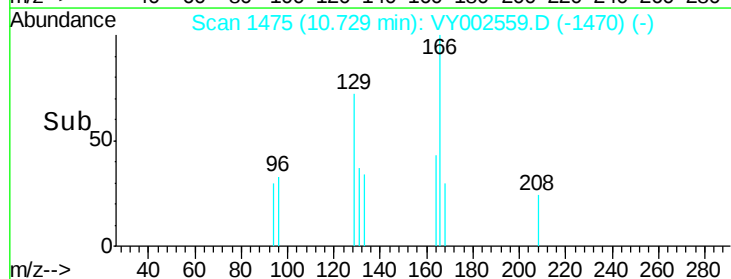
150

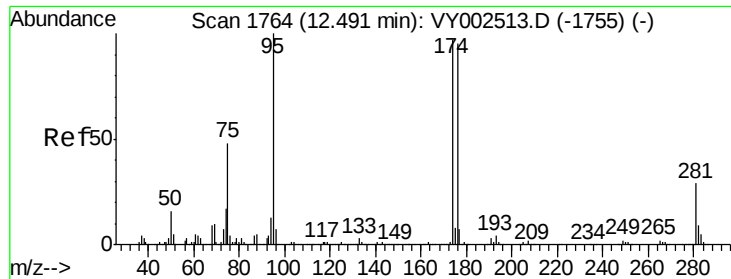
100

50

0

Time--> 10.70

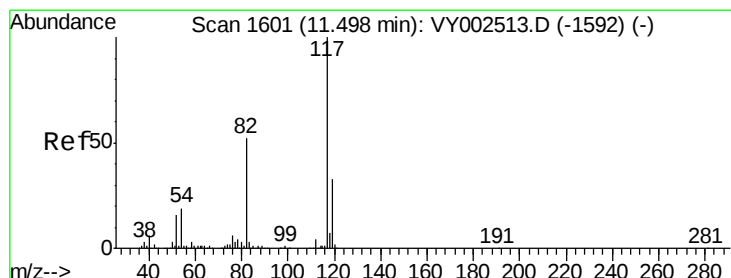
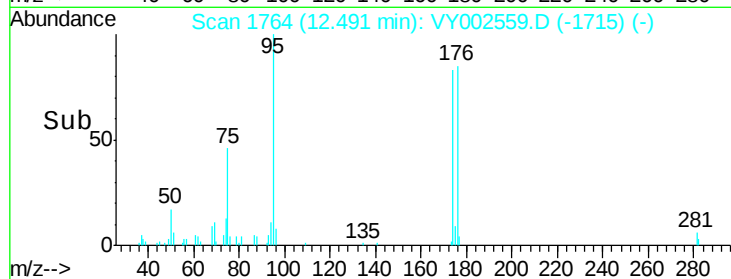
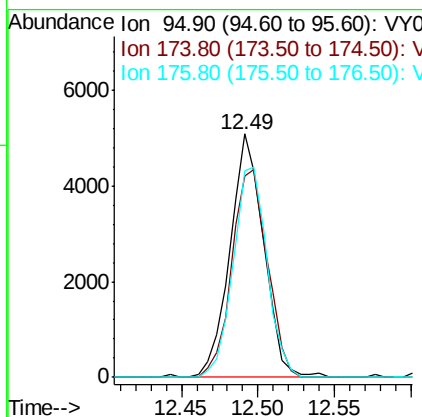
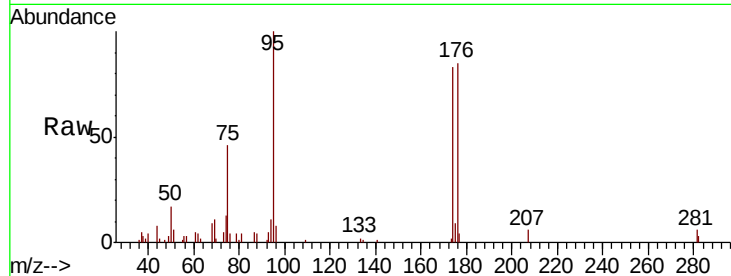




#62
4-Bromofluorobenzene
Concen: 45.025 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

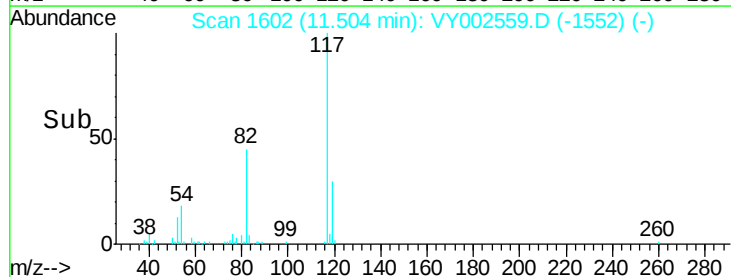
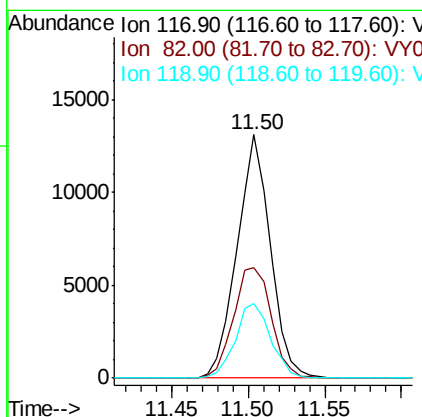
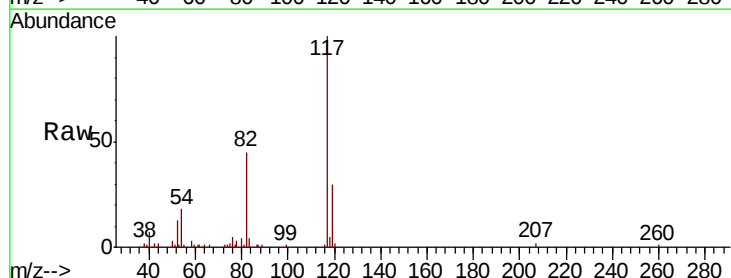
Instrument :
MSVOA_Y
ClientSampleId :
VOC

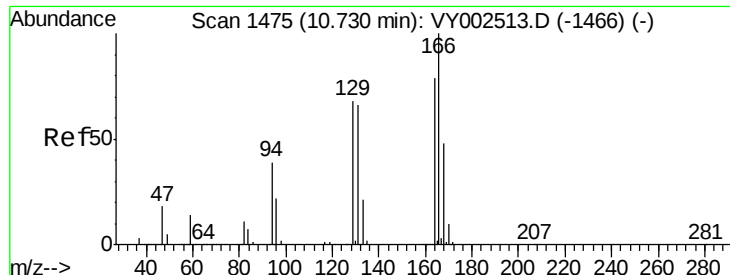
Tot Ion: 95 Resp: 7780
Ion Ratio Lower Upper
95 100
174 89.7 0.0 188.8
176 86.5 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Tgt Ion: 117 Resp: 19803
Ion Ratio Lower Upper
117 100
82 45.4 41.3 61.9
119 30.5 26.0 39.0





#64

Tetrachloroethene

Concen: 1.455 ug/l

RT: 10.72 min Scan# 1474

Delta R.T. -0.01 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

VOC

Tot Ion:164 Resp: 256

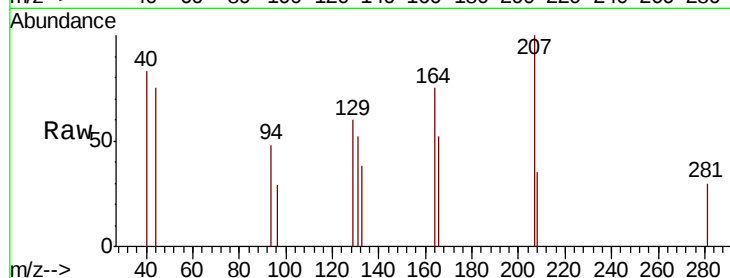
Ion Ratio Lower Upper

164 100

166 69.5 100.7 151.1#

129 79.3 68.3 102.5

131 69.0 66.8 100.2

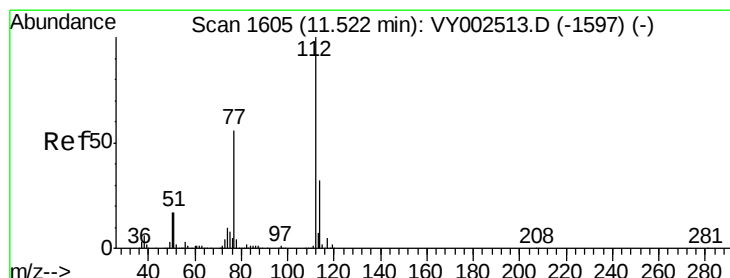
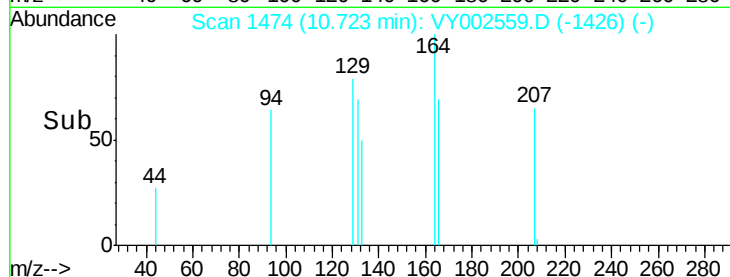
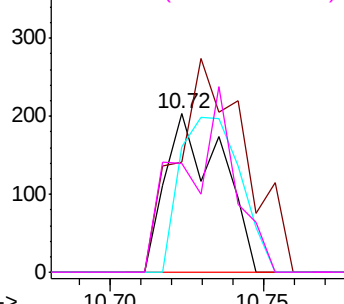


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.001 ug/l

RT: 11.54 min Scan# 1608

Delta R.T. 0.02 min

Lab File: VY002559.D

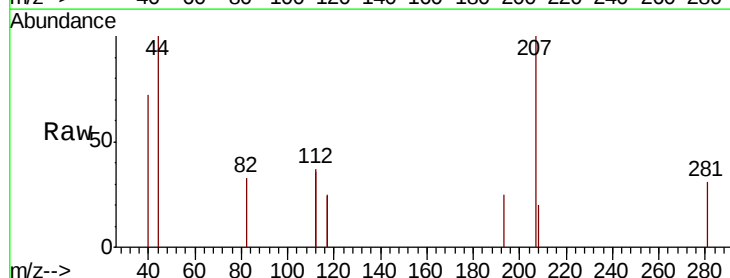
Acq: 04 May 2020 23:21

Tgt Ion:112 Resp: 377

Ion Ratio Lower Upper

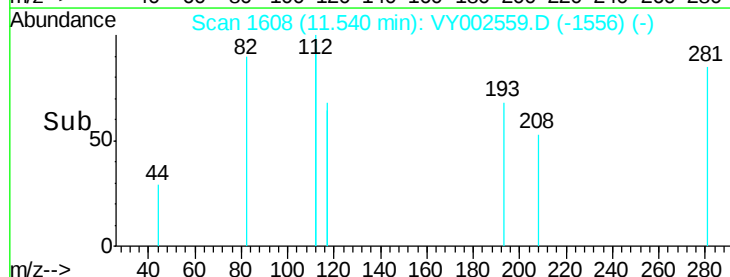
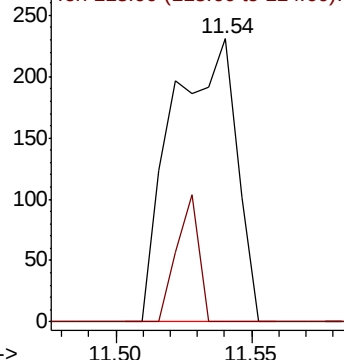
112 100

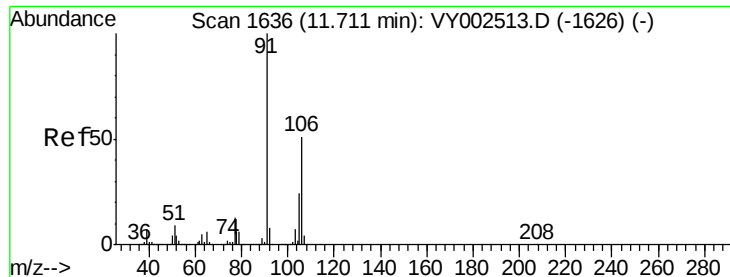
114 0.0 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

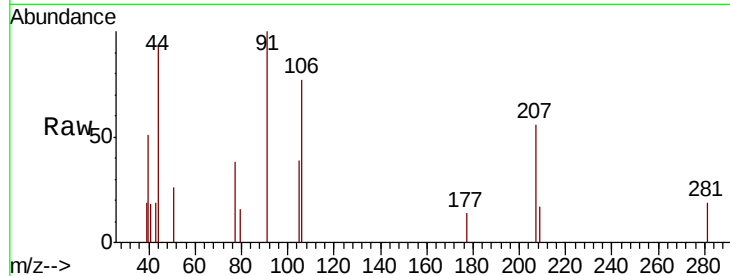




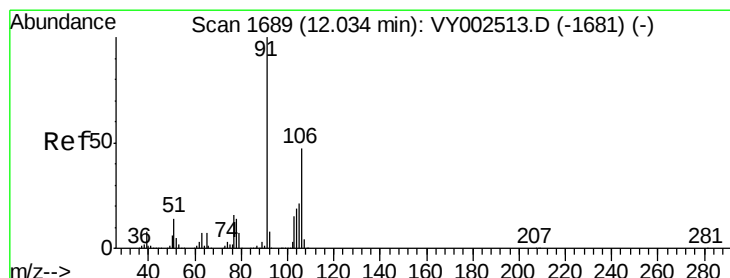
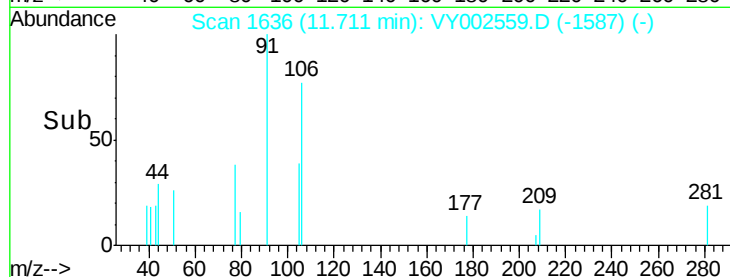
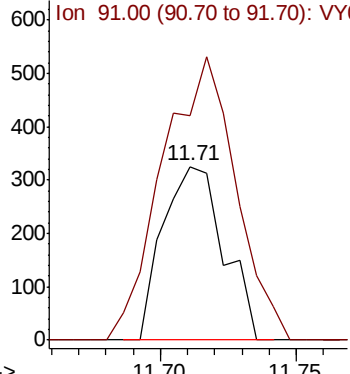
#68
m/p-Xylenes
Concen: 1.974 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Instrument :
MSVOA_Y
ClientSampled :
VOC

Tot Ion:106 Resp: 505
Ion Ratio Lower Upper
106 100
91 196.8 155.2 232.8

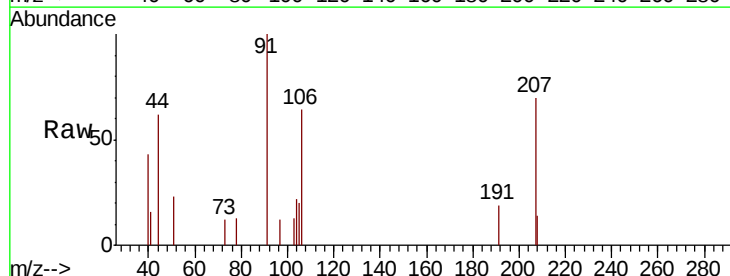


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

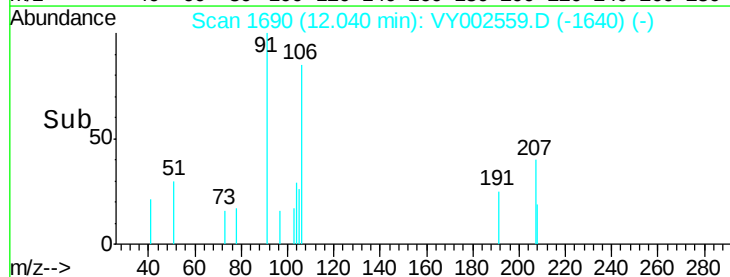
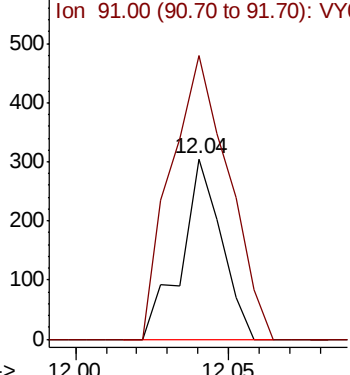


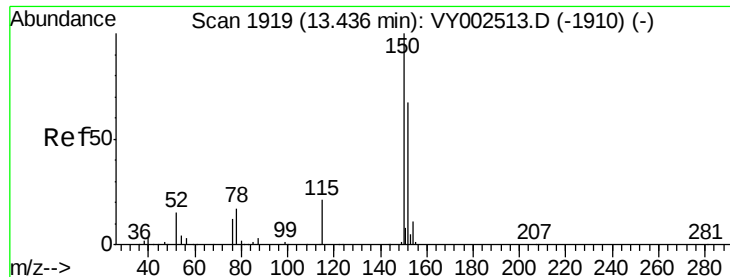
#69
o-Xylene
Concen: 1.165 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Tgt Ion:106 Resp: 279
Ion Ratio Lower Upper
106 100
91 226.2 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0



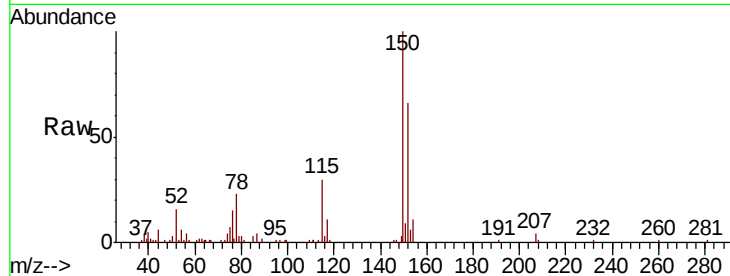


#72

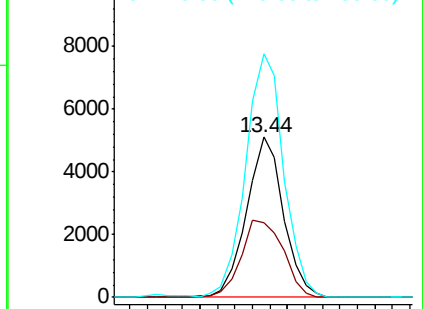
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

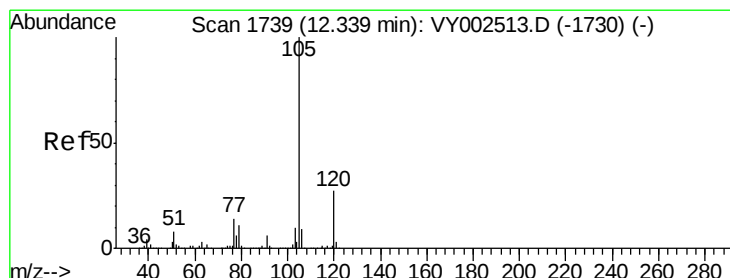
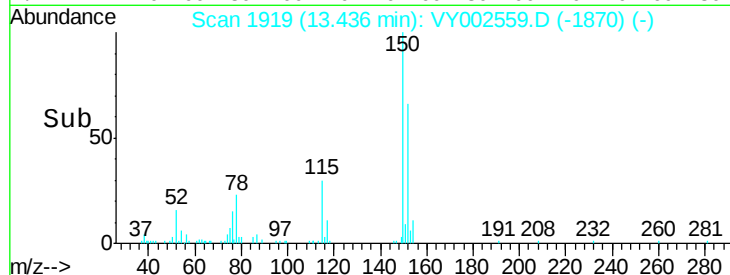
Tot Ion:152 Resp: 7520
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 156.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



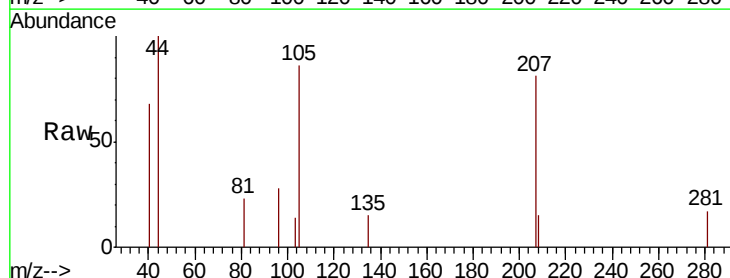
Time-->



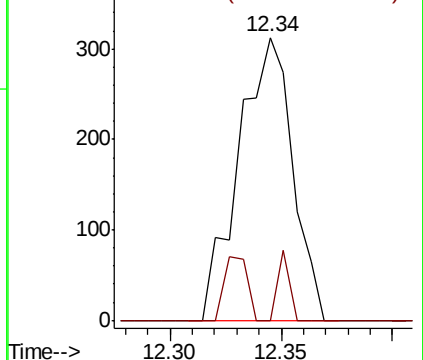
#73

Isopropylbenzene
Concen: 1.083 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

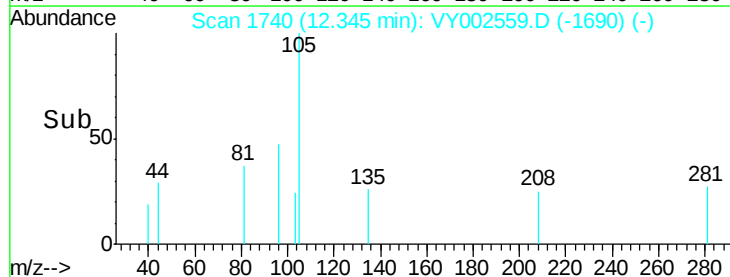
Tgt Ion:105 Resp: 528
Ion Ratio Lower Upper
105 100
120 5.5 13.8 41.3#

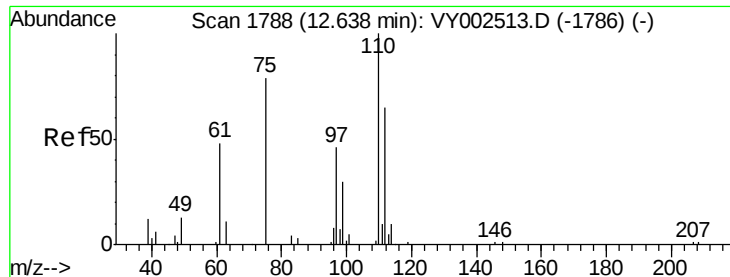


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->

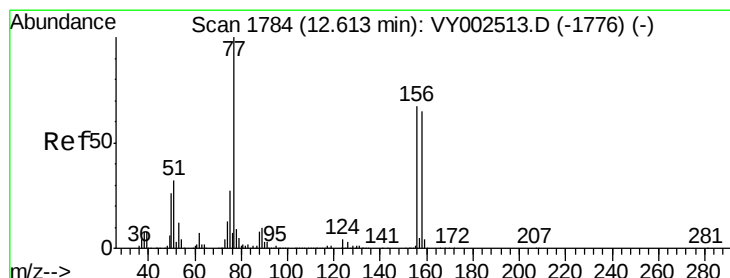
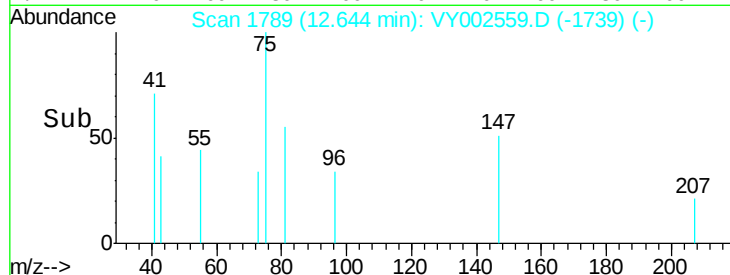
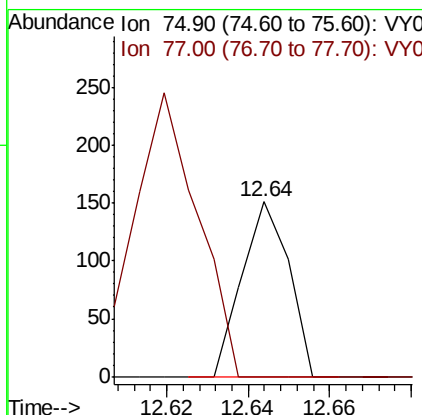
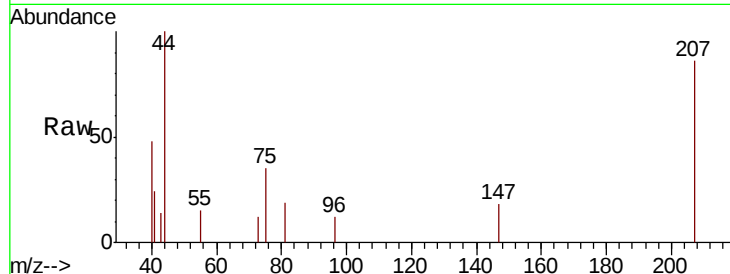




#76
 1,2,3-Trichloropropane
 Concen: 1.796 ug/l
 RT: 12.64 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

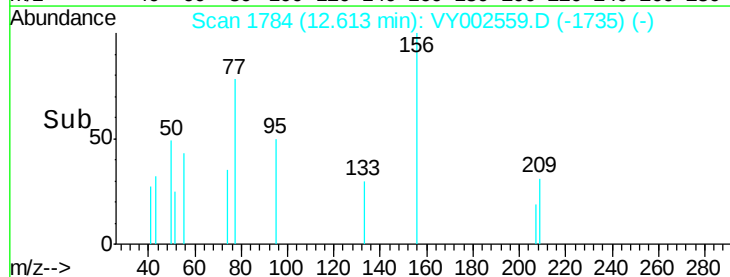
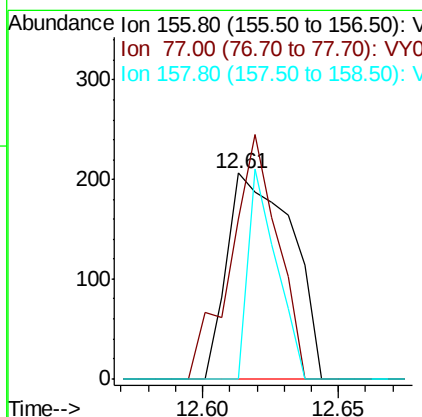
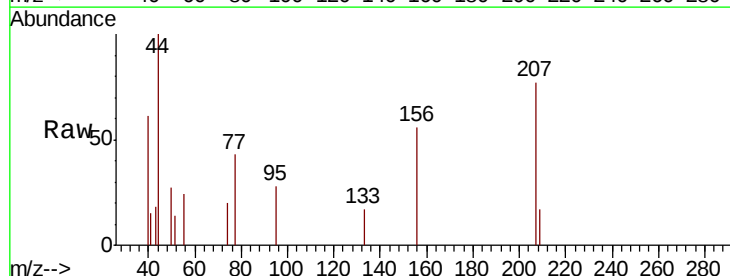
Instrument :
 MSVOA_Y
 ClientSampled :
 VOC

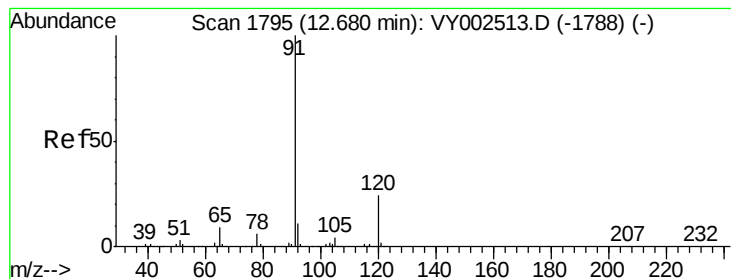
Tot Ion: 75 Resp: 120
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 2.792 ug/l
 RT: 12.61 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Tgt Ion: 156 Resp: 340
 Ion Ratio Lower Upper
 156 100
 77 85.6 82.0 245.8
 158 44.4 48.5 145.6#





#78

n-propylbenzene

Concen: 1.298 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

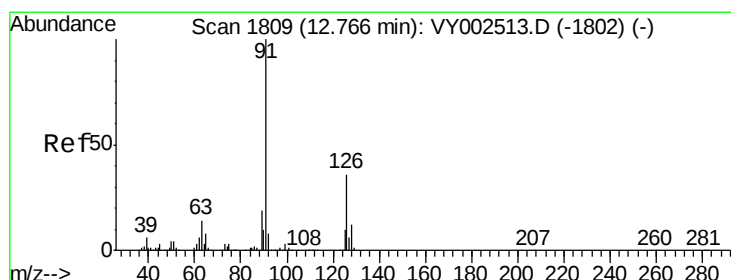
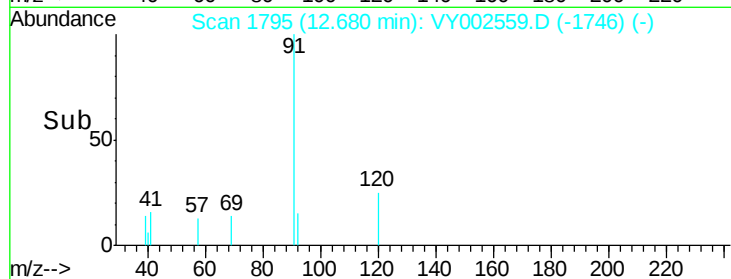
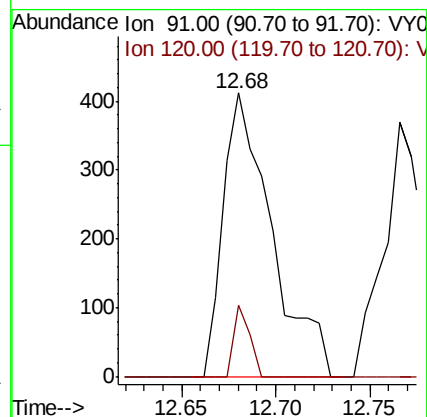
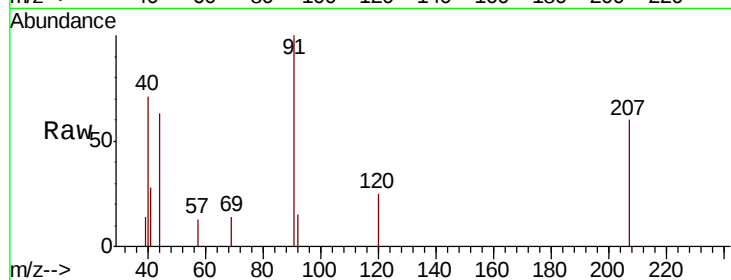
VOC

Tot Ion: 91 Resp: 734

Ion Ratio Lower Upper

91 100

120 8.2 12.2 36.4#



#79

2-Chlorotoluene

Concen: 1.647 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002559.D

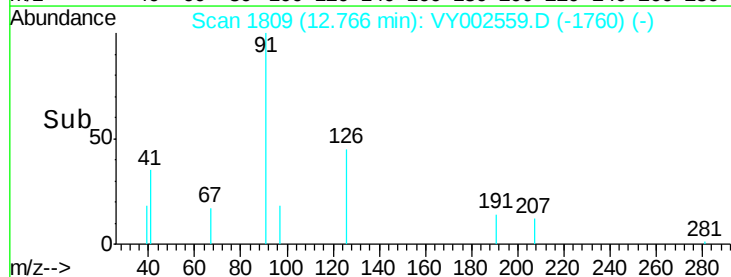
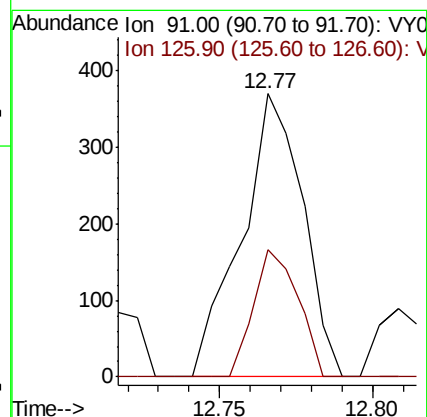
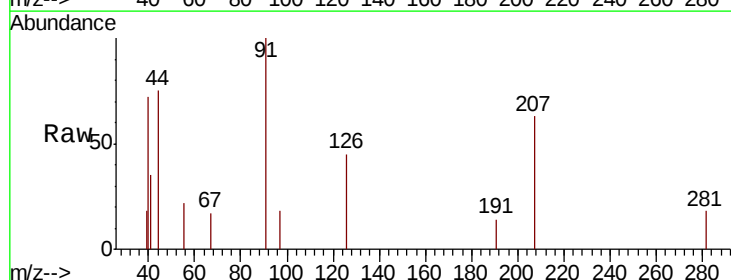
Acq: 04 May 2020 23:21

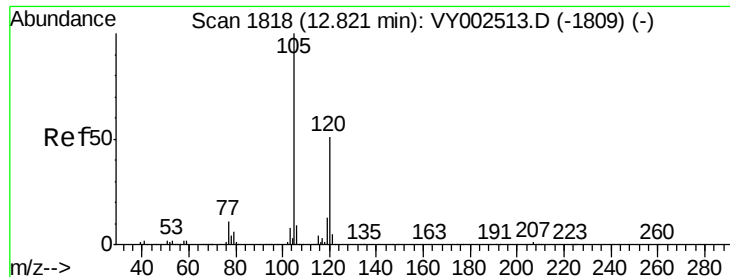
Tgt Ion: 91 Resp: 516

Ion Ratio Lower Upper

91 100

126 32.8 18.4 55.2





#80

1,3,5-Trimethylbenzene

Concen: 1.802 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

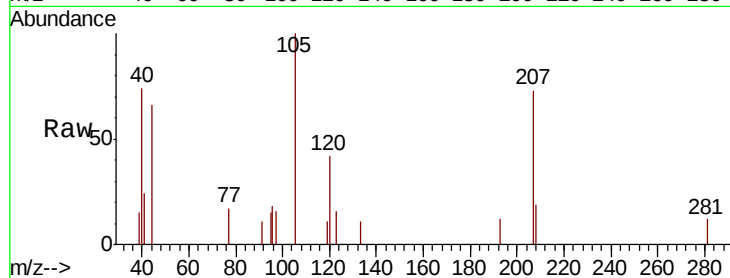
VOC

Tot Ion: 105 Resp: 728

Ion Ratio Lower Upper

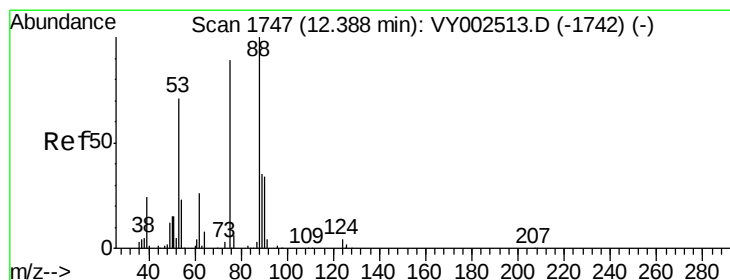
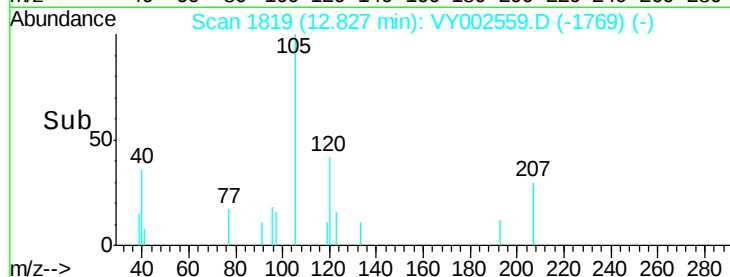
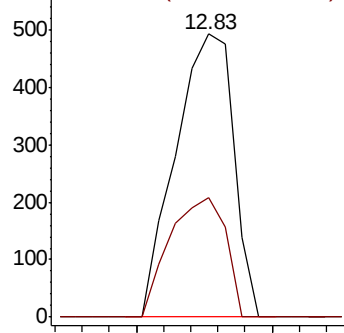
105 100

120 40.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 103.609 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

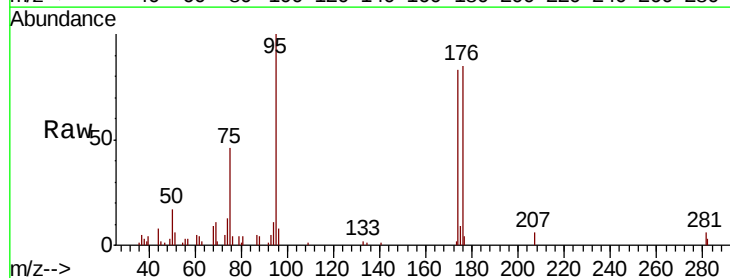
Tgt Ion: 75 Resp: 3453

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

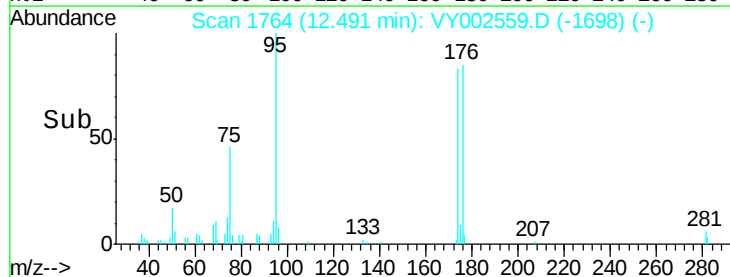
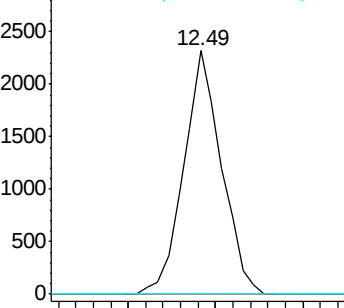
89 0.0 37.4 56.0#

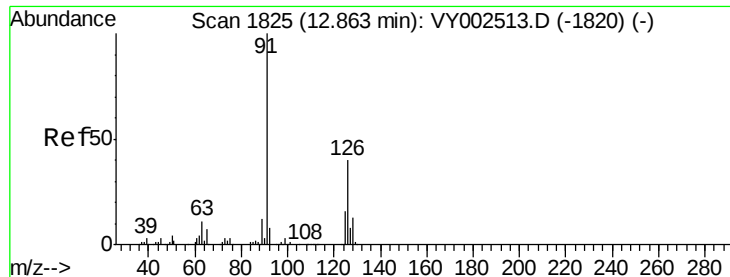


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 2.009 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

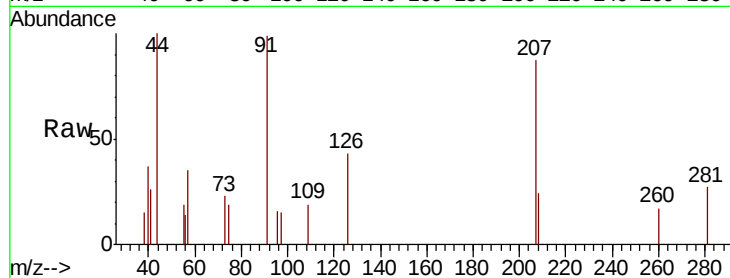
VOC

Tot Ion: 91 Resp: 661

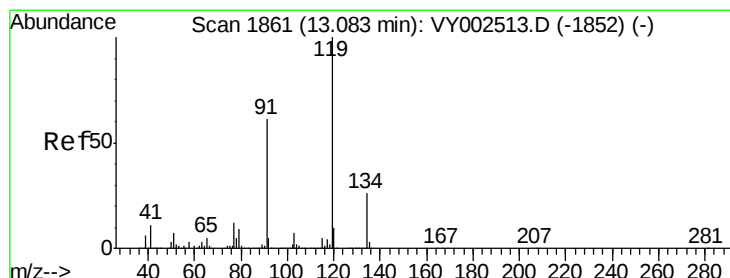
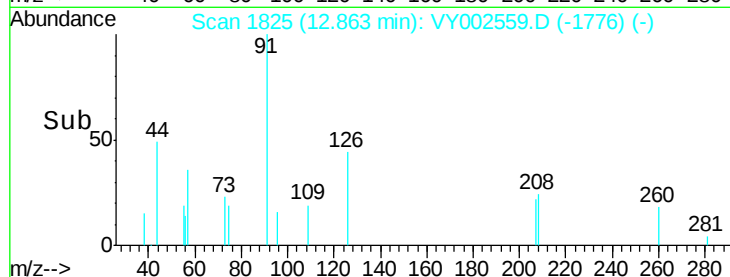
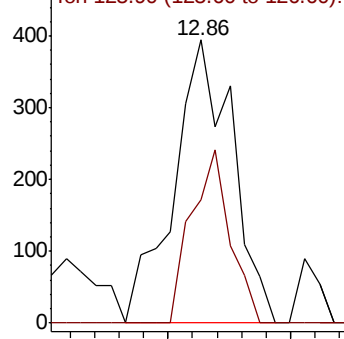
Ion Ratio Lower Upper

91 100

126 40.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1820) (-)



#83

tert-Butylbenzene

Concen: 1.253 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

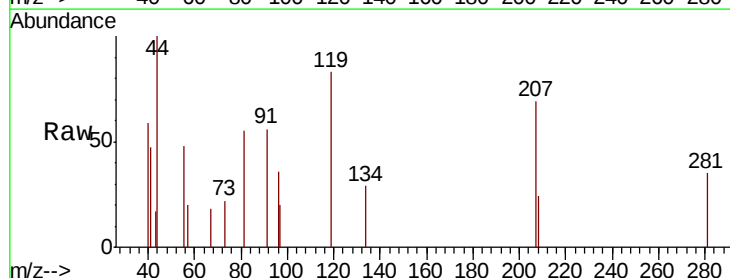
Tgt Ion: 119 Resp: 444

Ion Ratio Lower Upper

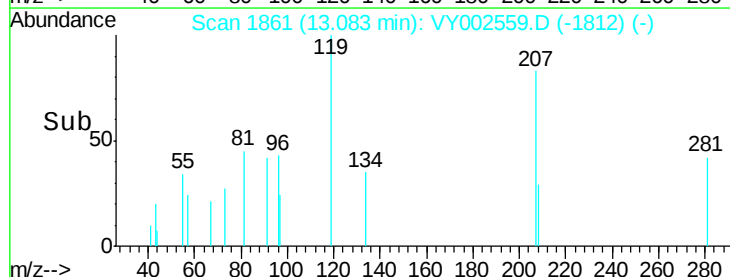
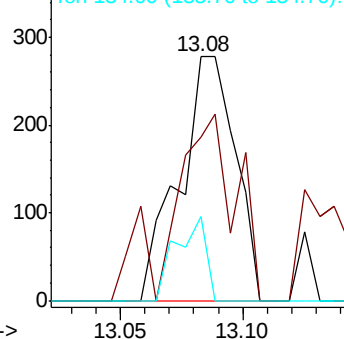
119 100

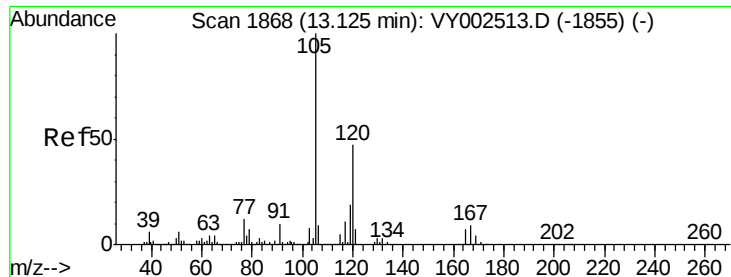
91 73.4 30.6 91.6

134 18.5 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): VY002513.D (-1852) (-)

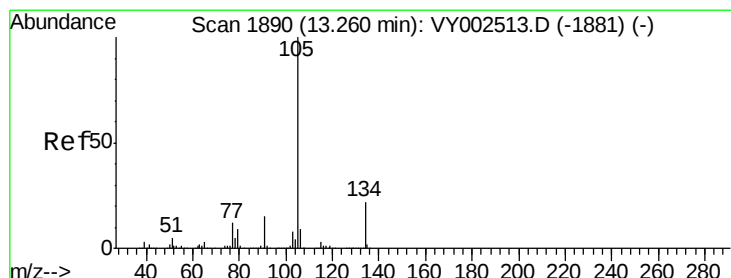
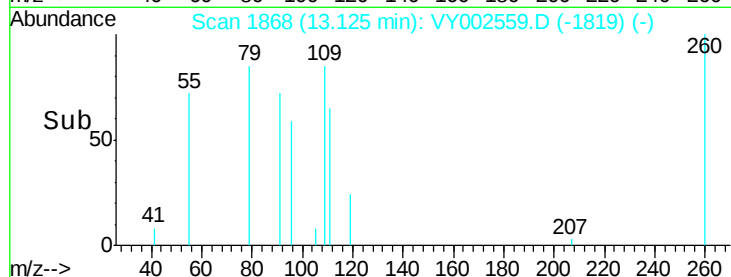
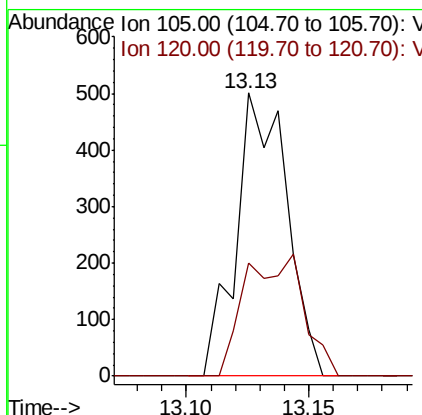
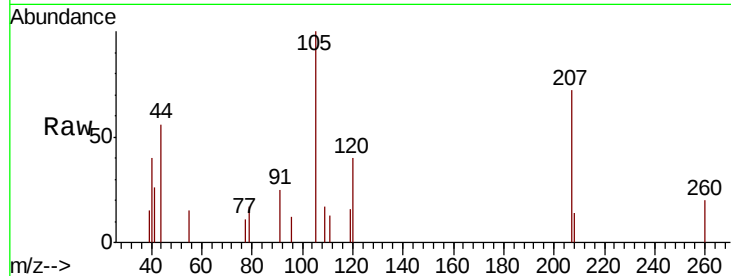




#84
 1,2,4-Trimethylbenzene
 Concen: 1.793 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

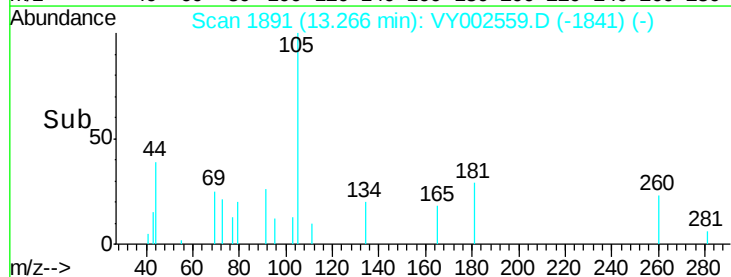
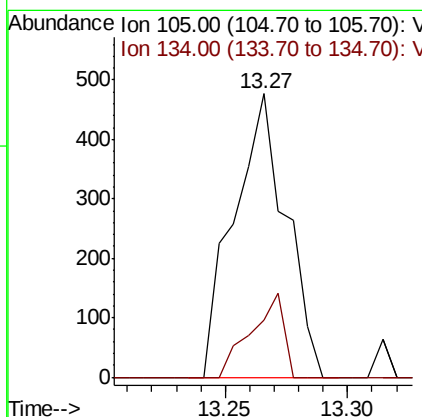
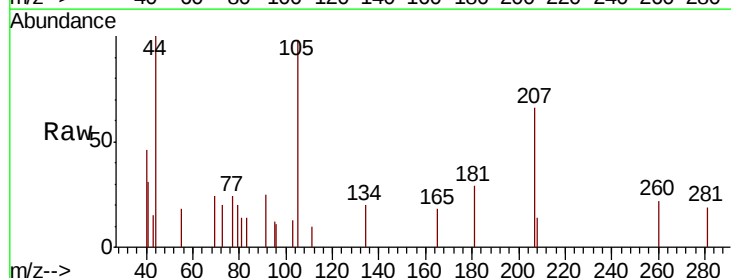
Instrument :
 MSVOA_Y
 ClientSampled :
 VOC

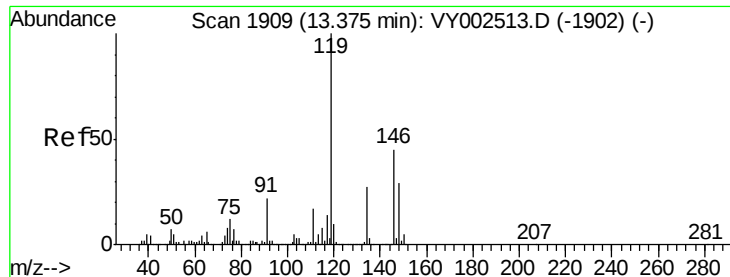
Tot Ion:105 Resp: 722
 Ion Ratio Lower Upper
 105 100
 120 49.4 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 1.444 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Tgt Ion:105 Resp: 710
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.8 32.3

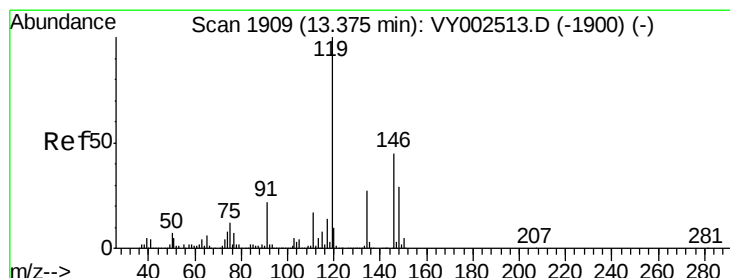
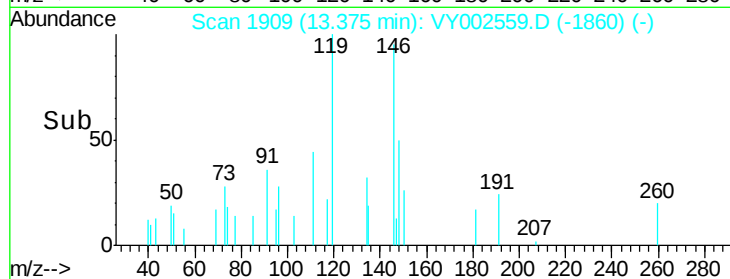
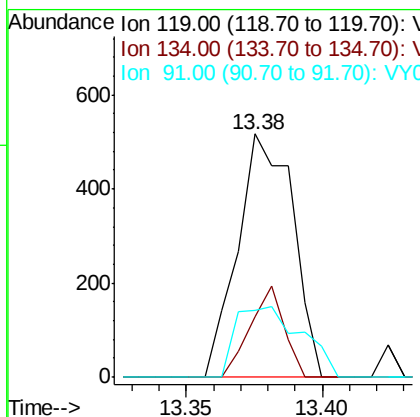
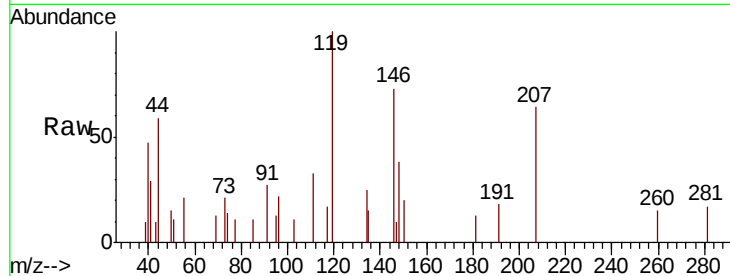




#86
p-Isopropyltoluene
Concen: 1.574 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

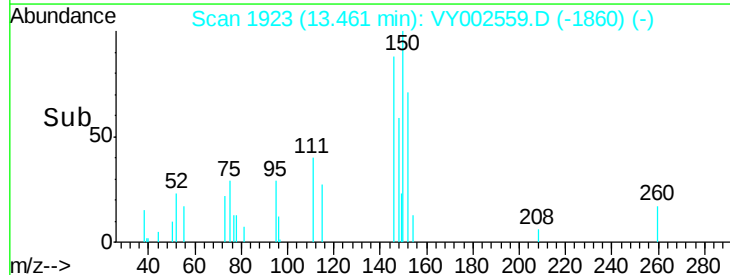
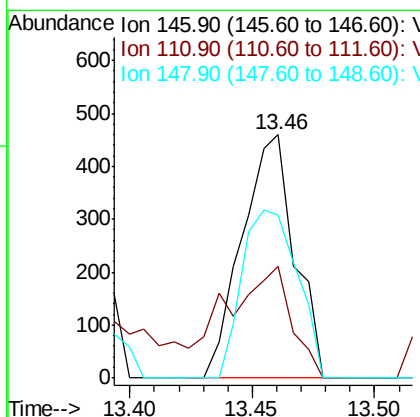
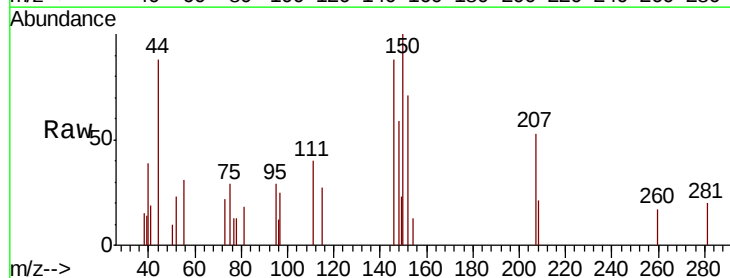
Instrument :
MSVOA_Y
ClientSampleId :
VOC

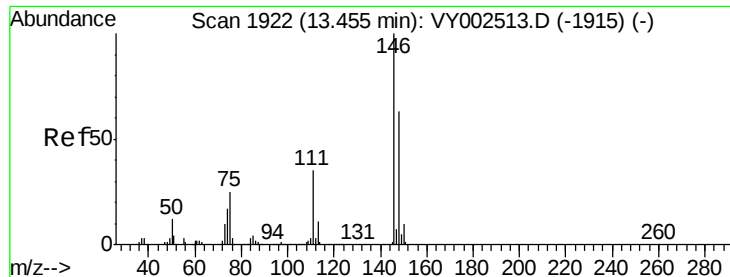
Tot Ion:119 Resp: 725
Ion Ratio Lower Upper
119 100
134 22.9 13.5 40.5
91 34.6 10.9 32.9#



#87
1,3-Dichlorobenzene
Concen: 2.972 ug/l
RT: 13.46 min Scan# 1923
Delta R.T. 0.09 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Tgt Ion:146 Resp: 685
Ion Ratio Lower Upper
146 100
111 56.1 18.8 56.3
148 72.6 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 3.002 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampleId :

VOC

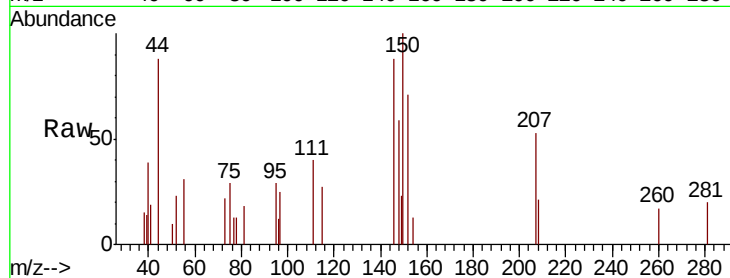
Tot Ion:146 Resp: 685

Ion Ratio Lower Upper

146 100

111 56.1 18.1 54.1#

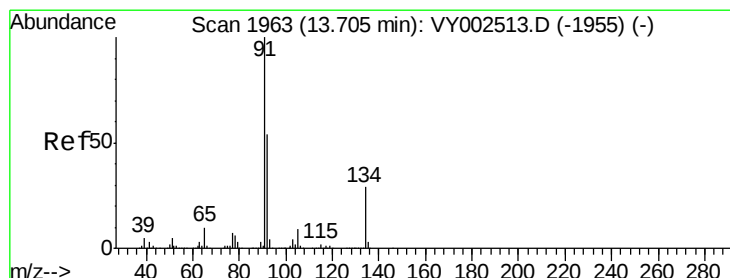
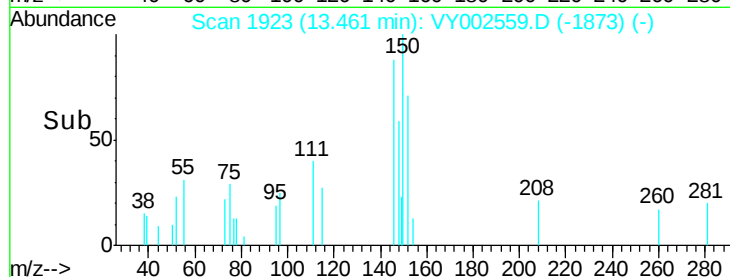
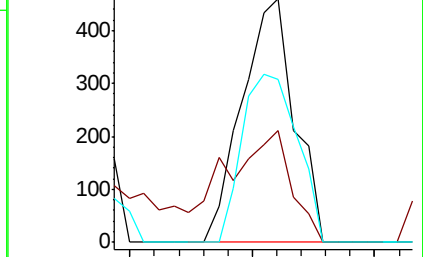
148 72.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 2.158 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

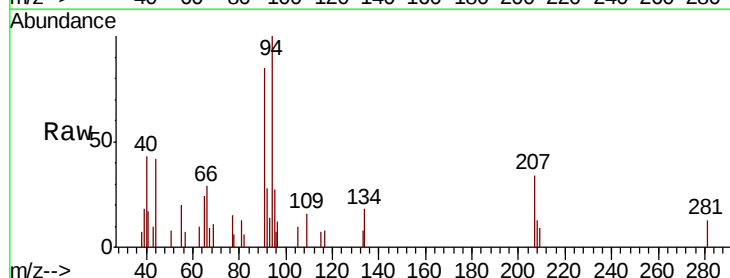
Tgt Ion: 91 Resp: 905

Ion Ratio Lower Upper

91 100

92 46.2 27.1 81.3

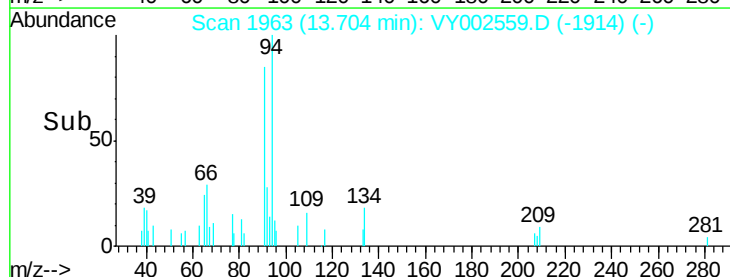
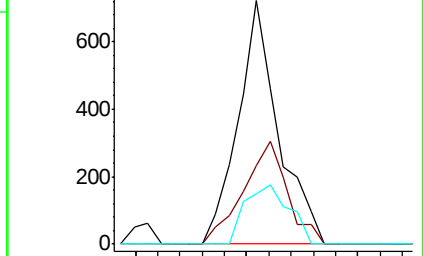
134 26.5 14.4 43.0

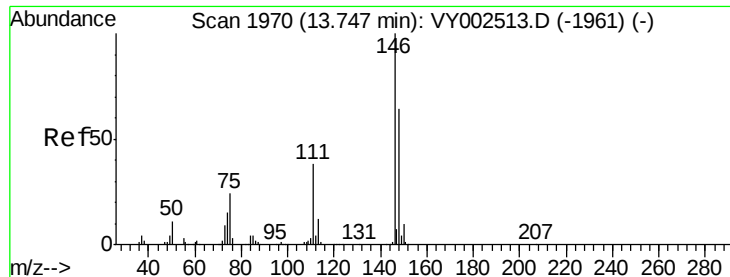


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 2.782 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampled :

VOC

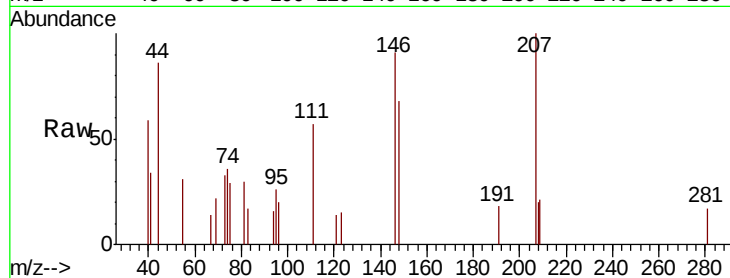
Tot Ion:146 Resp: 572

Ion Ratio Lower Upper

146 100

111 61.0 19.1 57.5#

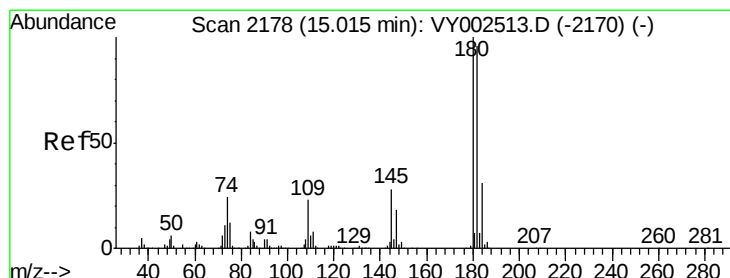
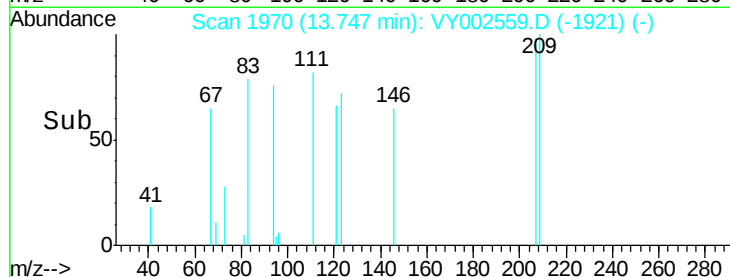
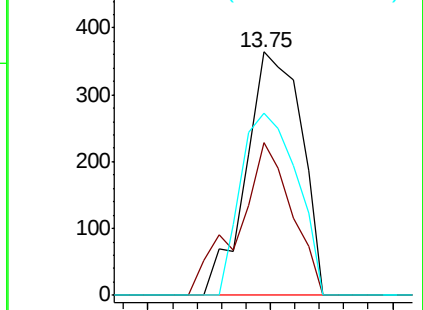
148 75.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 3.965 ug/l

RT: 15.03 min Scan# 2180

Delta R.T. 0.01 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

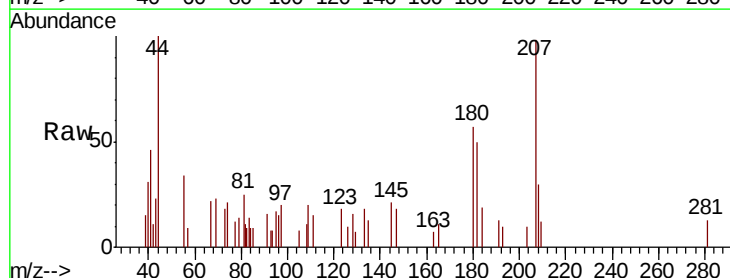
Tgt Ion:180 Resp: 592

Ion Ratio Lower Upper

180 100

182 118.2 47.9 143.6

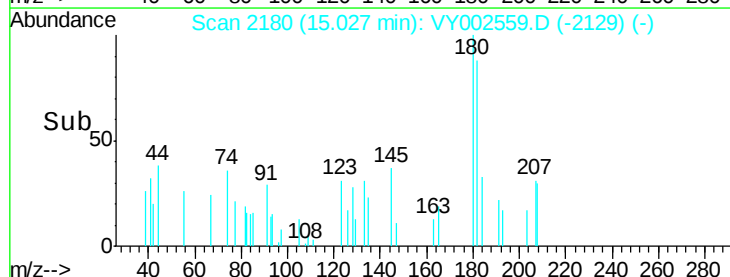
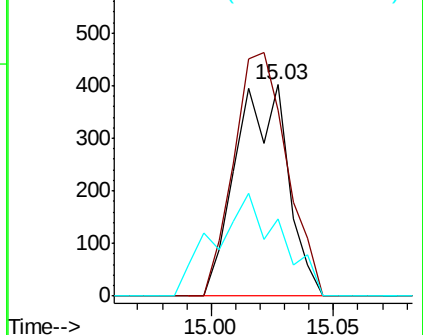
145 61.5 14.4 43.0#

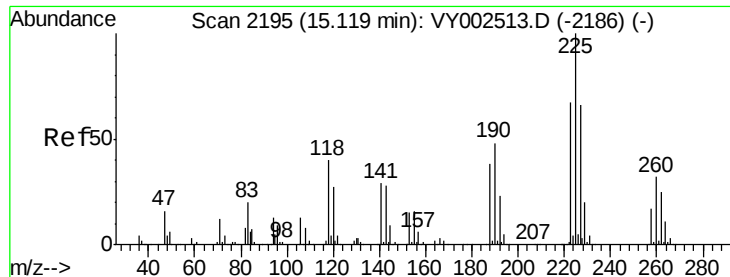


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 3.180 ug/l

RT: 15.12 min Scan# 2196

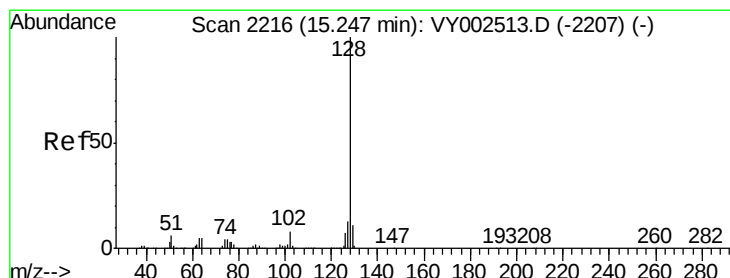
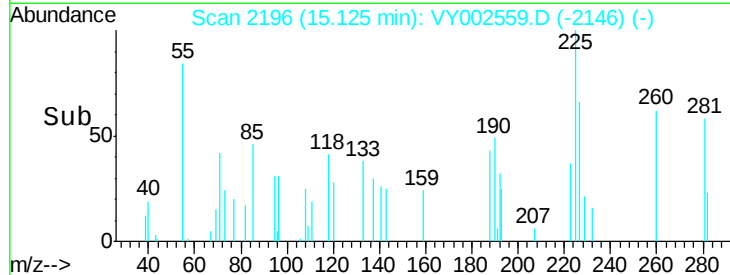
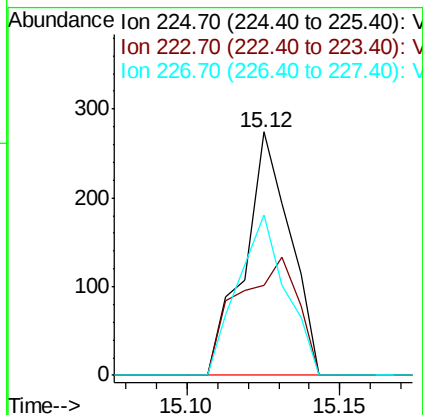
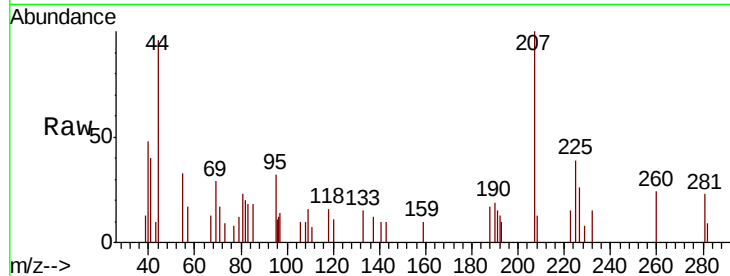
Delta R.T. 0.01 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tot Ion:	225	Resp:	285
Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.5
227	69.5	32.0	96.2



#95

Naphthalene

Concen: 6.473 ug/l

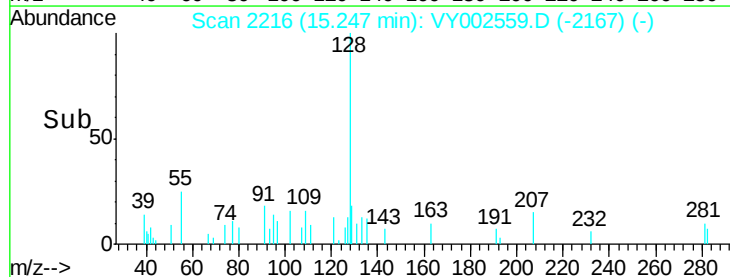
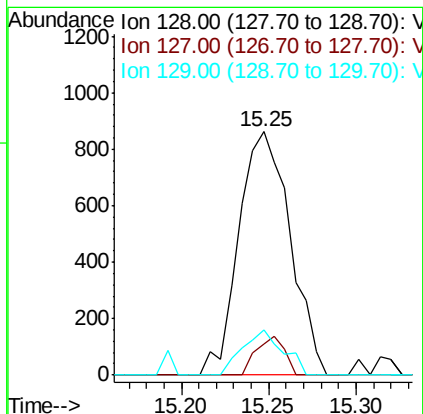
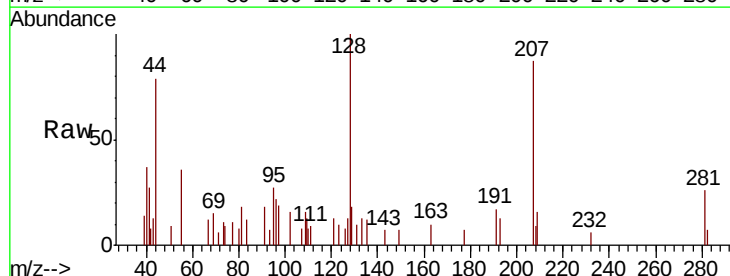
RT: 15.25 min Scan# 2216

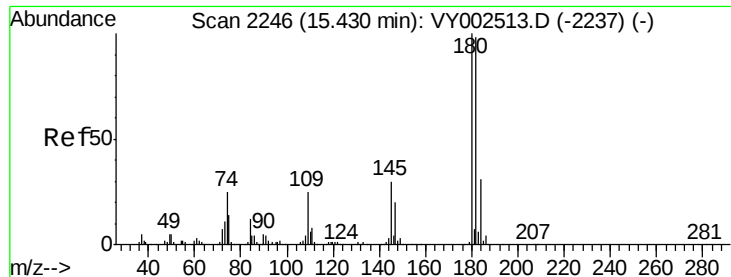
Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Tgt Ion:	128	Resp:	1763
Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.5	15.7#
129	14.5	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.136 ug/l
 RT: 15.43 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tot Ion:180 Resp: 651
 Ion Ratio Lower Upper
 180 100
 182 108.8 47.9 143.8
 145 54.2 15.0 45.1#

