

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000594.D
 Acq On : 07 Nov 2019 20:16
 Operator : SY/MD
 Sample : K5723-11
 Misc : 7.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9-D

Quant Time: Nov 08 03:50:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	1778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	3440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	3049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	1114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	1193	64.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.68%	
35) Dibromofluoromethane	7.73	113	353	17.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.96%	
50) Toluene-d8	10.18	98	3915	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	1542	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	

Target Compounds

						Qvalue
3) Chloromethane	2.12	50	69	2.862	ug/l #	43
8) Diethyl Ether	3.65	74	19	1.768	ug/l #	4
13) Acrolein	3.61	56	26	16.665	ug/l #	14
14) Allyl chloride	4.39	41	55	1.904	ug/l #	28
15) Acrylonitrile	5.44	53	23	4.179	ug/l #	18
16) Acetone	3.96	43	83	16.367	ug/l #	42
17) Carbon Disulfide	4.35	76	65	1.160	ug/l #	74
18) Methyl Acetate	4.48	43	25	1.585	ug/l #	51
20) Methylene Chloride	4.71	84	202	9.296	ug/l #	53
21) trans-1,2-Dichloroethene	5.19	96	24	1.195	ug/l #	1
25) 2-Butanone	7.11	43	69	8.525	ug/l #	49
27) cis-1,2-Dichloroethene	7.18	96	33	1.503	ug/l #	1
29) Tetrahydrofuran	7.08	42	60	12.118	ug/l #	35
37) Ethyl Acetate	7.11	43	69	3.574	ug/l #	70
38) Carbon Tetrachloride	7.80	117	80	2.557	ug/l #	11
39) Methylcyclohexane	9.20	83	71	1.690	ug/l #	20
41) Methacrylonitrile	7.33	41	65	6.035	ug/l #	71
47) Bromodichloromethane	9.42	83	65	2.123	ug/l #	24
48) Methyl methacrylate	9.29	41	40	2.524	ug/l #	43
51) 4-Methyl-2-Pentanone	9.94	43	75	3.889	ug/l #	37
56) Ethyl methacrylate	10.64	69	61	2.306	ug/l #	1
57) 1,3-Dichloropropane	11.00	76	34	1.041	ug/l #	43
59) 2-Hexanone	10.83	43	97	6.904	ug/l #	24
60) Dibromochloromethane	11.23	129	25	1.169	ug/l #	10
61) 1,2-Dibromoethane	11.10	107	59	3.287	ug/l #	60
74) N-amyl acetate	12.16	43	73	3.096	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	95	5.827	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	54	4.257	ug/l #	100
77) Bromobenzene	12.67	156	67	3.589	ug/l #	1
78) n-propylbenzene	12.67	91	113	1.137	ug/l #	53
81) trans-1,4-Dichloro-2-buten	12.48	75	903	159.617	ug/l #	13
82) 4-Chlorotoluene	12.86	91	200	3.498	ug/l #	39
89) n-Butylbenzene	13.62	91	78	1.064	ug/l #	33
90) Hexachloroethane	13.91	117	19	1.382	ug/l #	14

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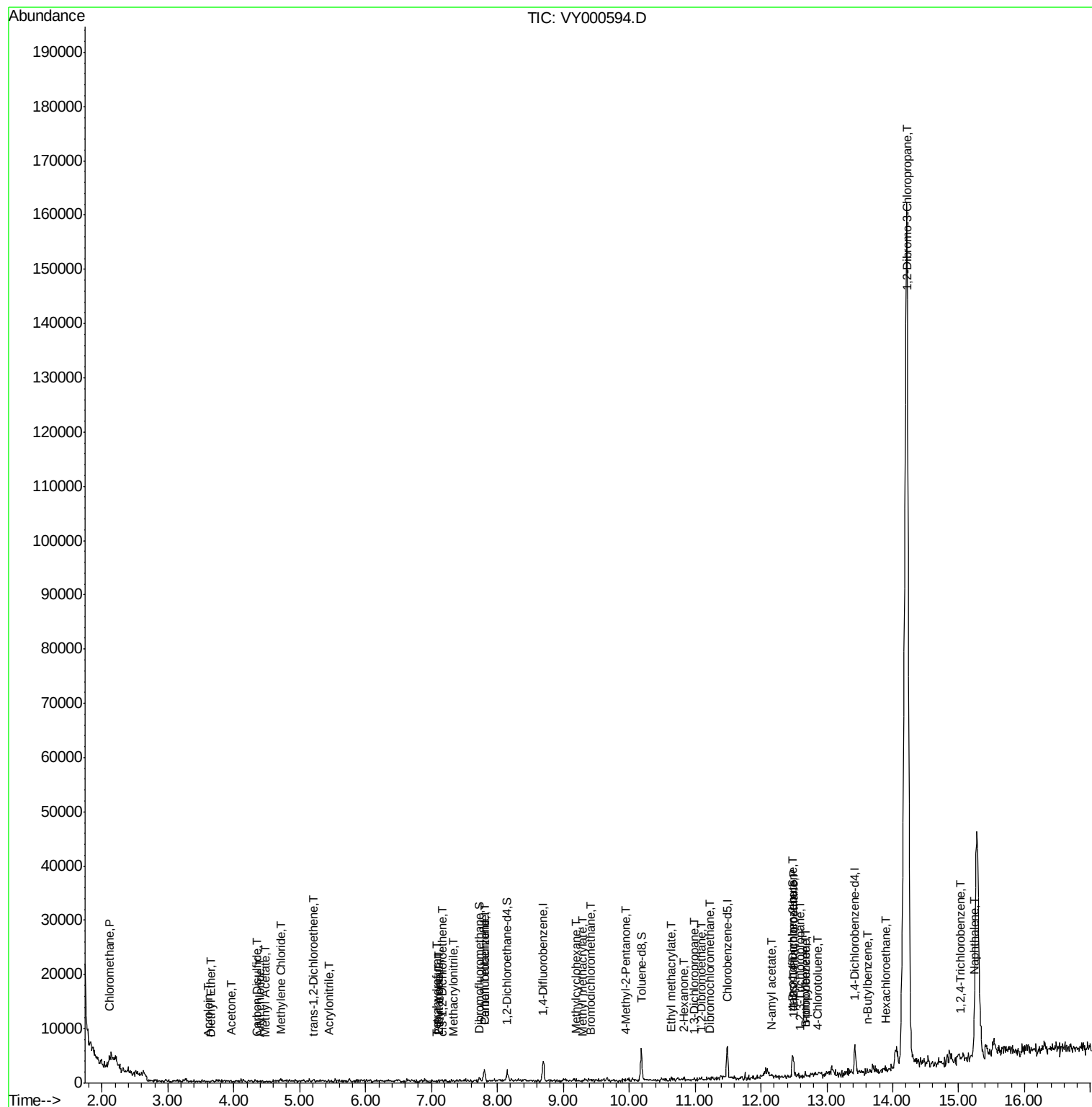
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.21	75	903	312.985	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.03	180	23	1.018	ug/l #	1
95) Naphthalene	15.23	128	171	3.410	ug/l #	70

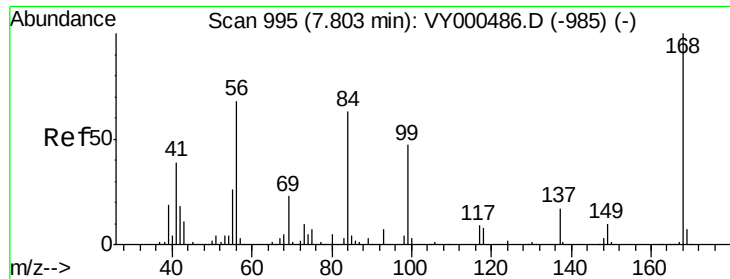
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampled :

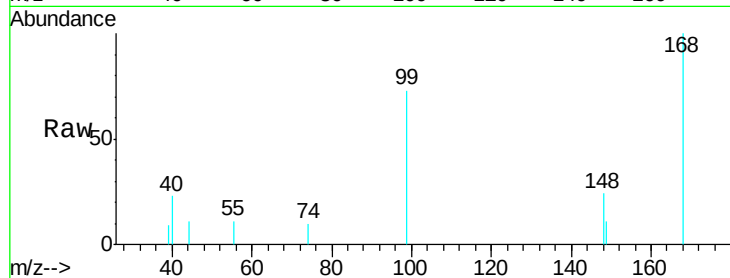
9-D

Tgt Ion:168 Resp: 1778

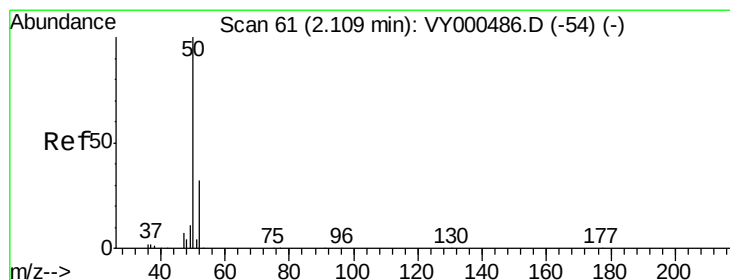
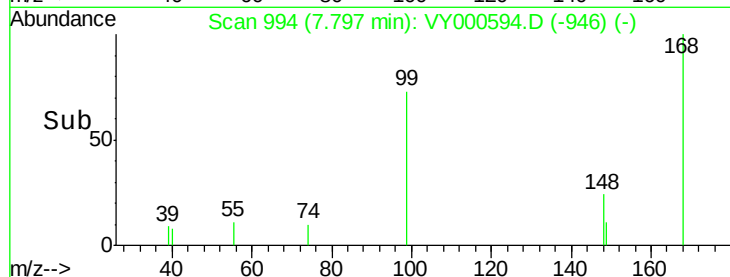
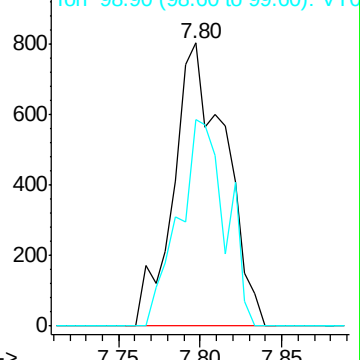
Ion Ratio Lower Upper

168 100

99 73.0 45.7 68.5#



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#3

Chloromethane

Concen: 2.862 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000594.D

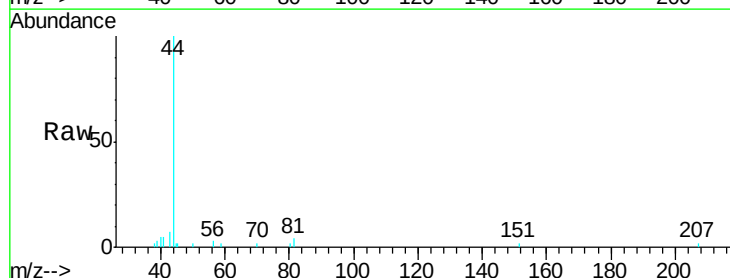
Acq: 07 Nov 2019 20:16

Tgt Ion: 50 Resp: 69

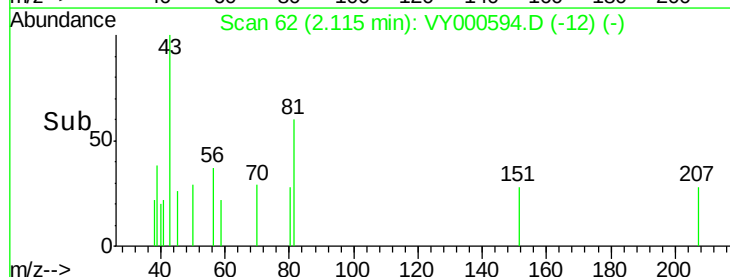
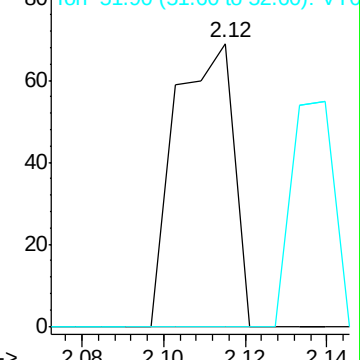
Ion Ratio Lower Upper

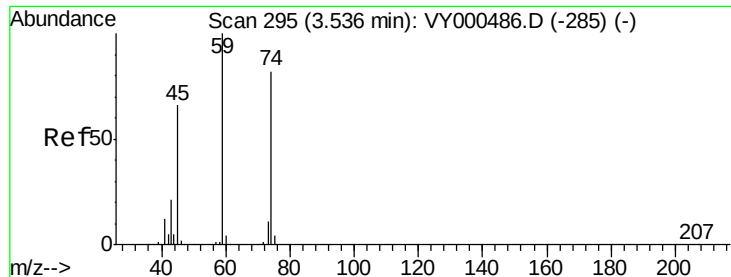
50 100

52 0.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VY000486.D (-54) (-)





#8

Diethyl Ether

Concen: 1.768 ug/l

RT: 3.65 min Scan# 314

Delta R.T. 0.12 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampled :

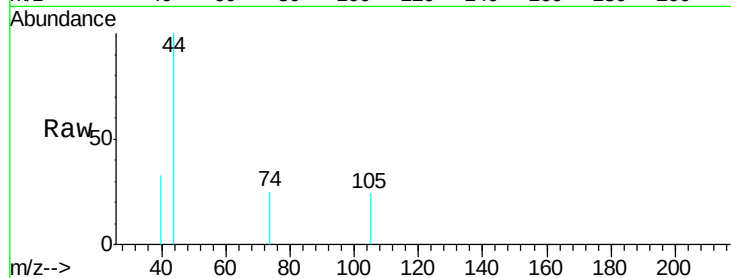
9-D

Tgt Ion: 74 Resp: 19

Ion Ratio Lower Upper

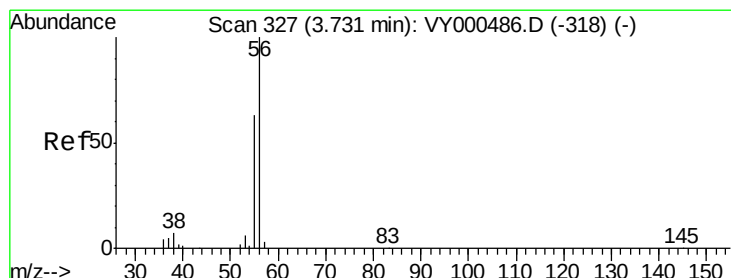
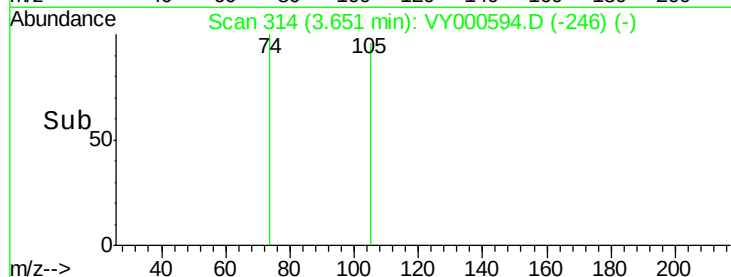
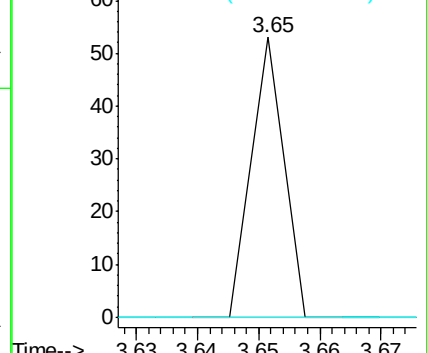
74 100

45 0.0 45.5 136.4#



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#13

Acrolein

Concen: 16.665 ug/l

RT: 3.61 min Scan# 307

Delta R.T. -0.12 min

Lab File: VY000594.D

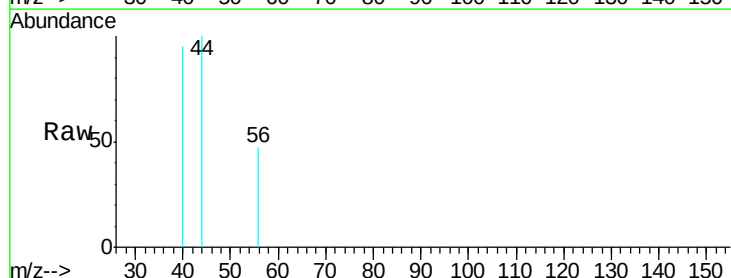
Acq: 07 Nov 2019 20:16

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

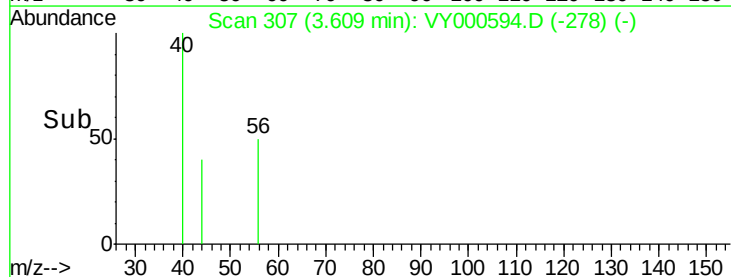
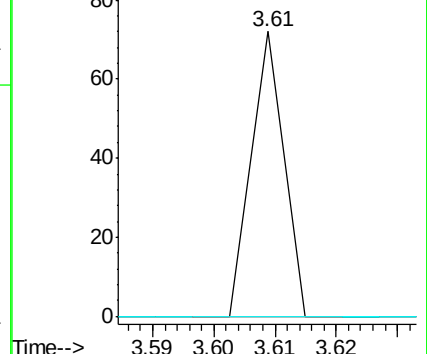
56 100

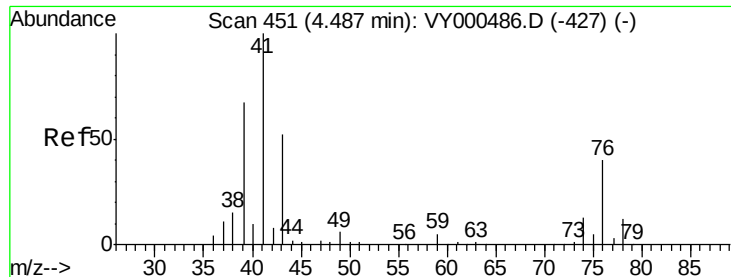
55 0.0 57.0 85.6#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0





#14

Allyl chloride

Concen: 1.904 ug/l

RT: 4.39 min Scan# 435

Delta R.T. -0.10 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

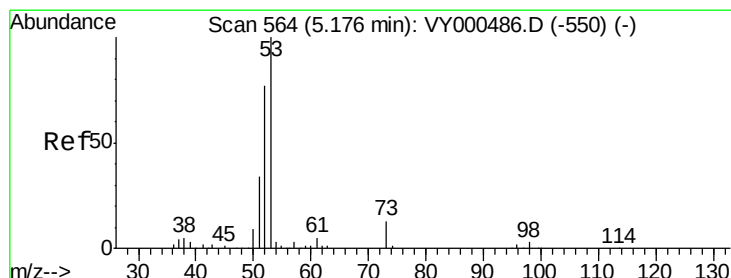
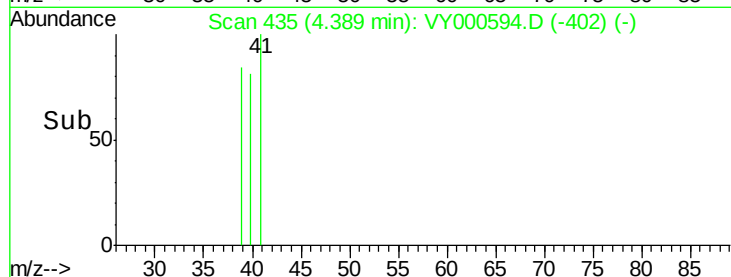
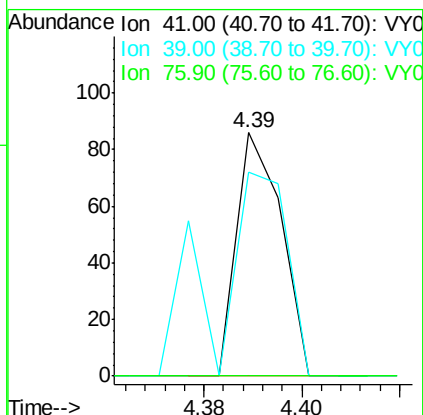
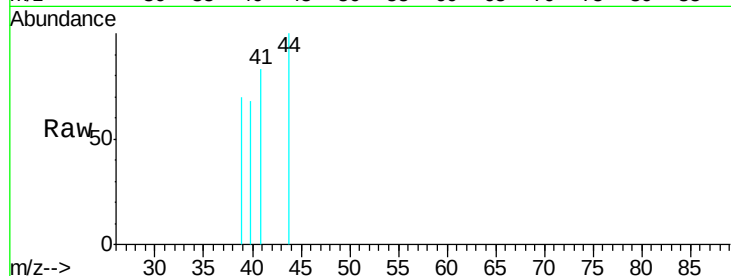
Instrument :

MSVOA_Y

ClientSampled :

9-D

Tgt Ion:	41	Resp:	55
Ion	Ratio	Lower	Upper
41	100		
39	129.1	53.6	80.4#
76	0.0	29.8	44.6#



#15

Acrylonitrile

Concen: 4.179 ug/l

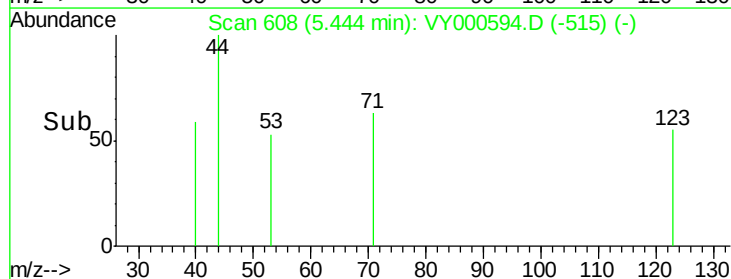
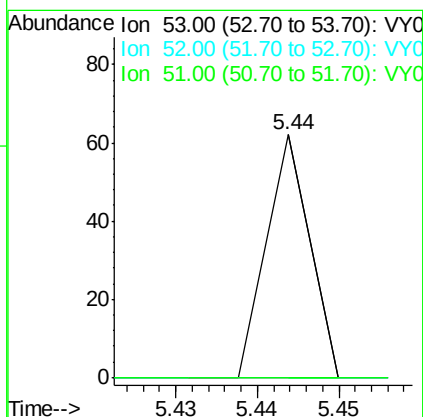
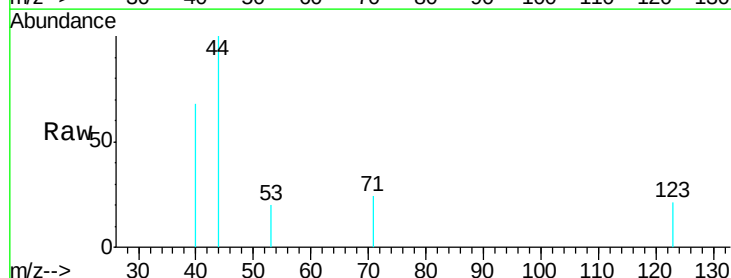
RT: 5.44 min Scan# 608

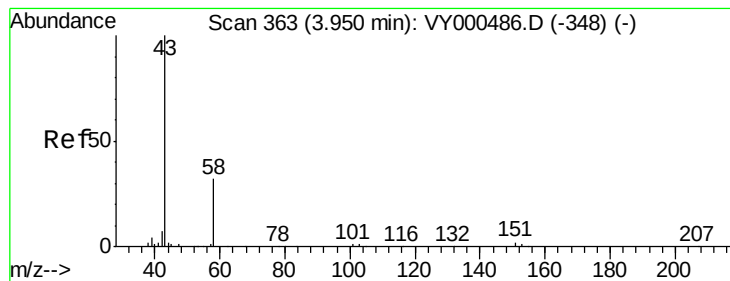
Delta R.T. 0.27 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Tgt Ion:	53	Resp:	23
Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.9	97.3#
51	0.0	27.6	41.4#





#16

Acetone

Concen: 16.367 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampleId :

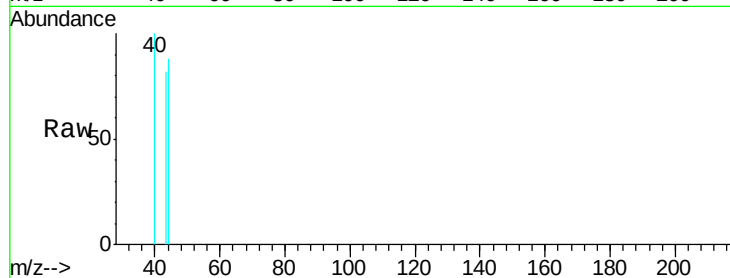
9-D

Tgt Ion: 43 Resp: 83

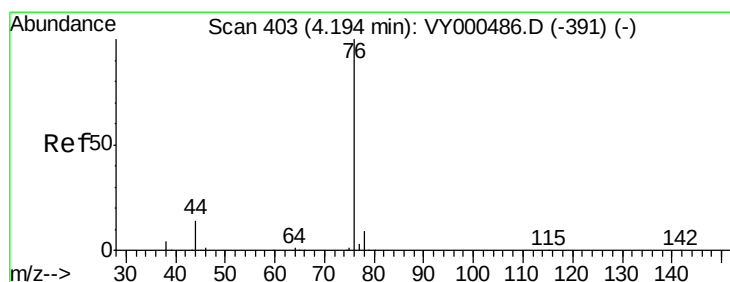
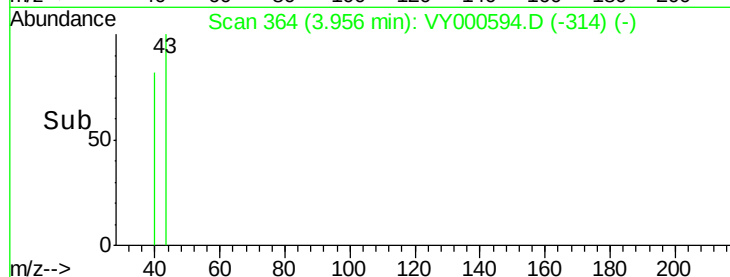
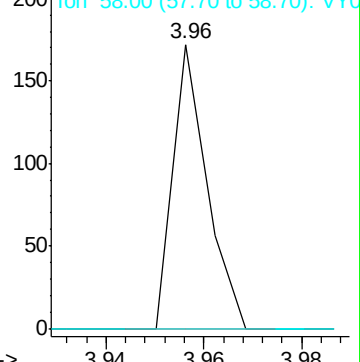
Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)



#17

Carbon Disulfide

Concen: 1.160 ug/l

RT: 4.35 min Scan# 429

Delta R.T. 0.16 min

Lab File: VY000594.D

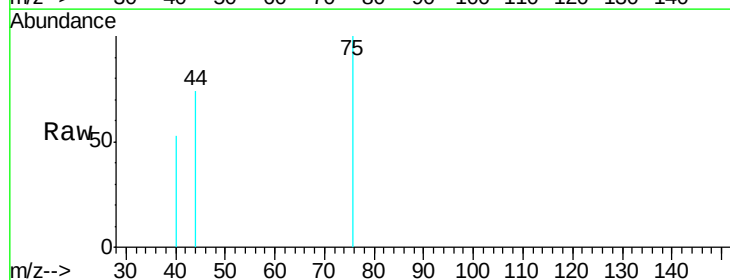
Acq: 07 Nov 2019 20:16

Tgt Ion: 76 Resp: 65

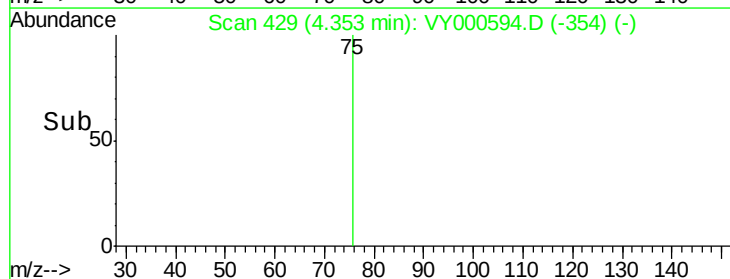
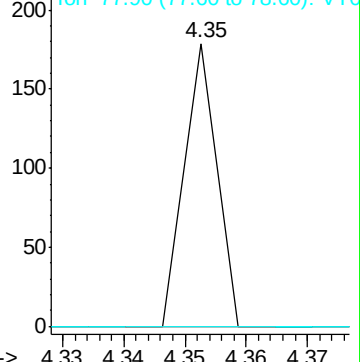
Ion Ratio Lower Upper

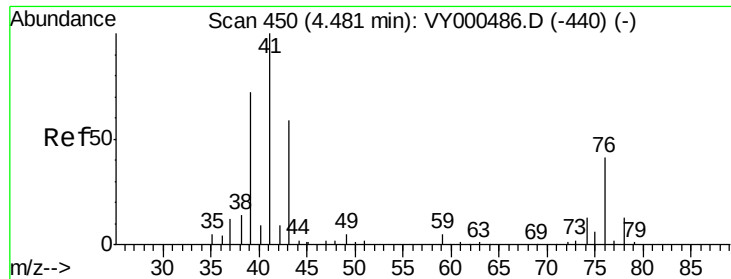
76 100

78 0.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VY000486.D (-391) (-)





#18

Methyl Acetate

Concen: 1.585 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampleId :

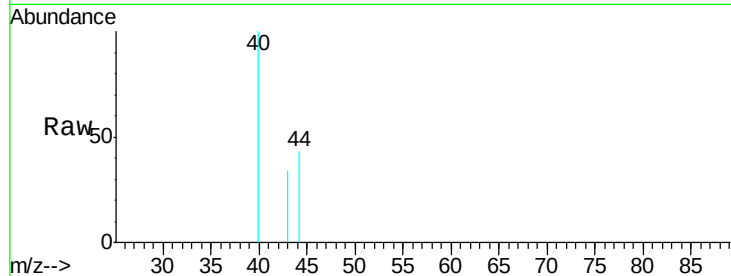
9-D

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

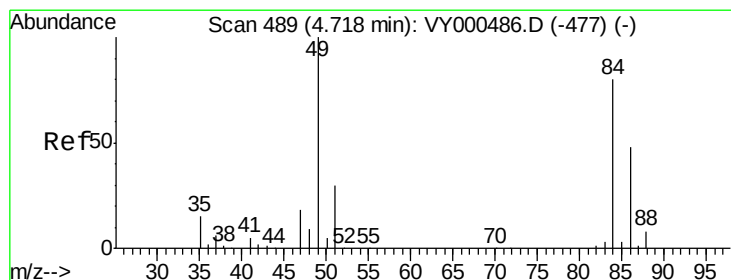
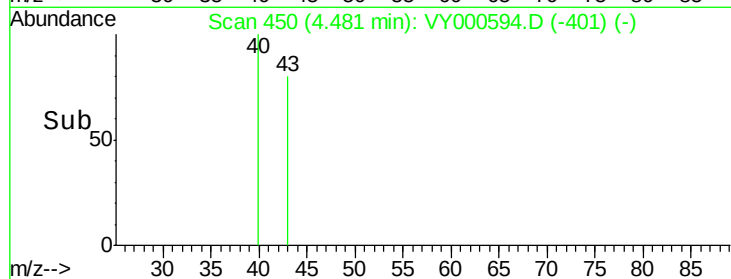
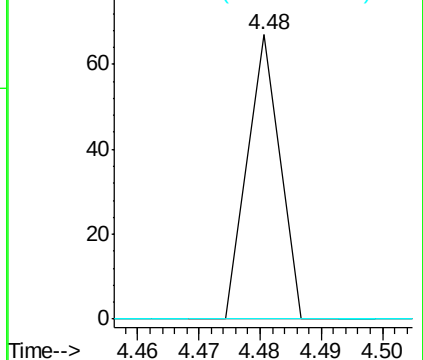
43 100

74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



#20

Methylene Chloride

Concen: 9.296 ug/l

RT: 4.71 min Scan# 488

Delta R.T. -0.01 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Tgt Ion: 84 Resp: 202

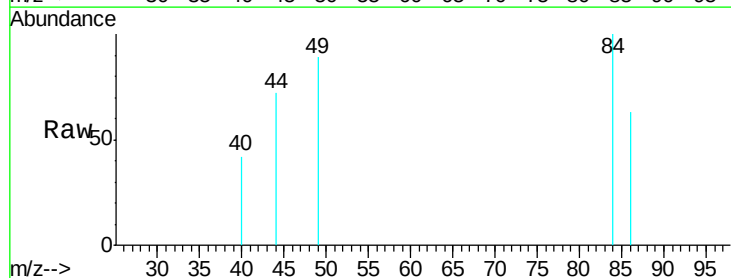
Ion Ratio Lower Upper

84 100

49 53.4 100.2 150.4#

51 0.0 29.6 44.4#

86 63.0 48.3 72.5

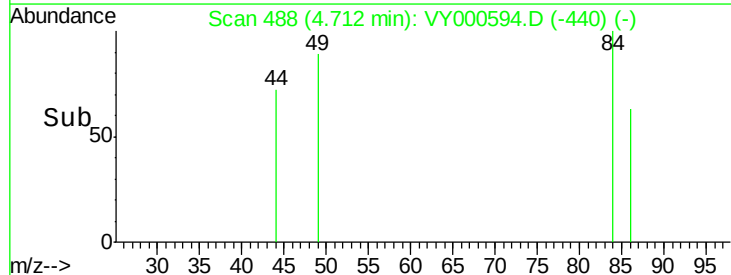
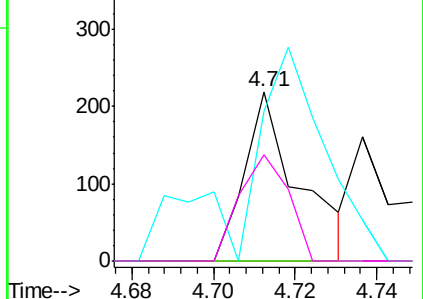


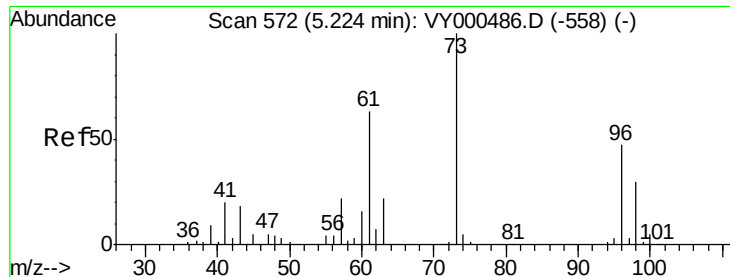
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 1.195 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.03 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

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9-D

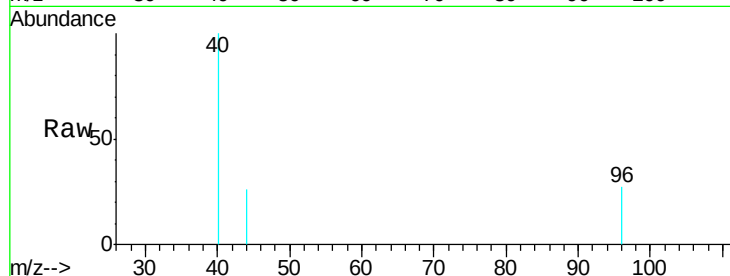
Tgt Ion: 96 Resp: 24

Ion Ratio Lower Upper

96 100

61 0.0 106.6 160.0#

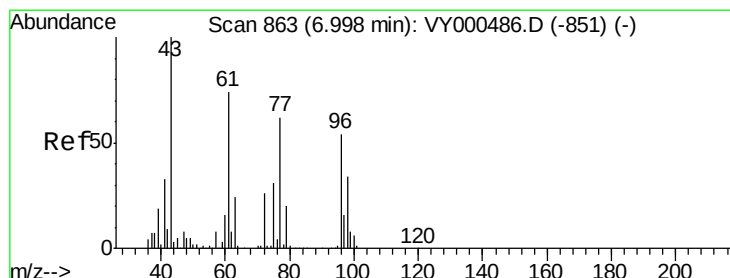
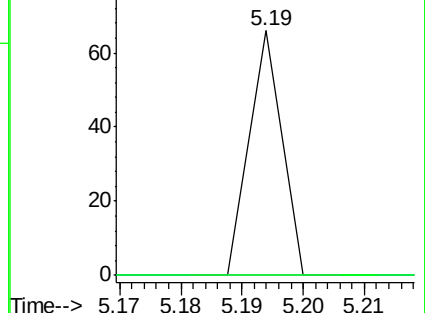
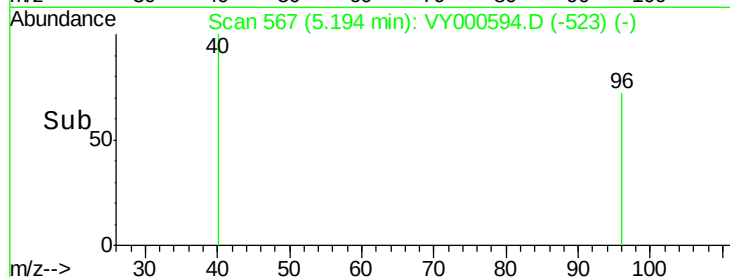
98 0.0 50.6 76.0#



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#25

2-Butanone

Concen: 8.525 ug/l

RT: 7.11 min Scan# 882

Delta R.T. 0.12 min

Lab File: VY000594.D

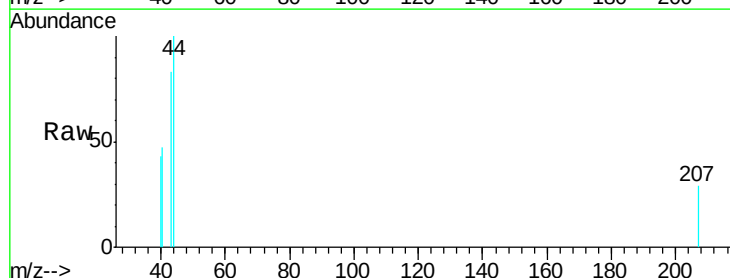
Acq: 07 Nov 2019 20:16

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

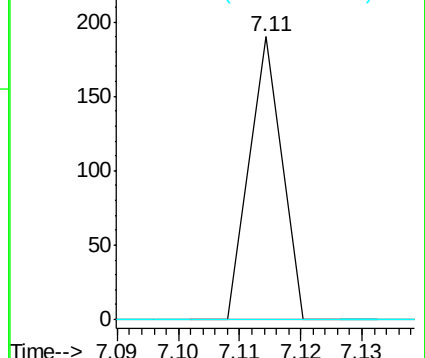
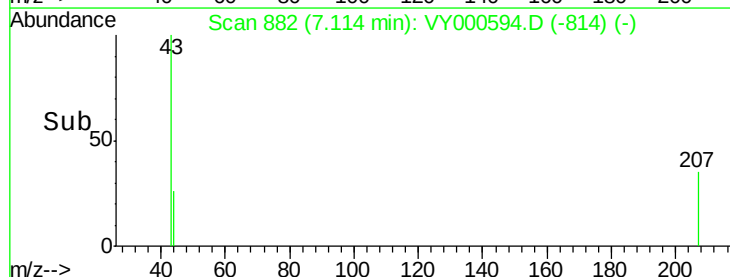
43 100

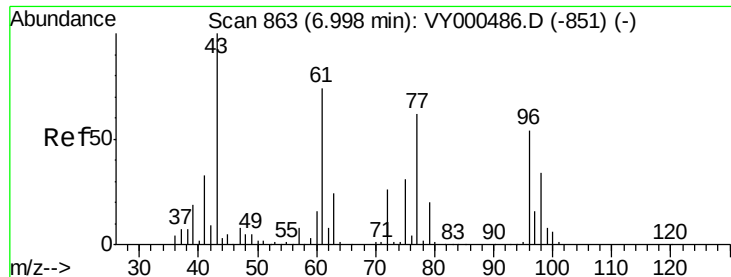
72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



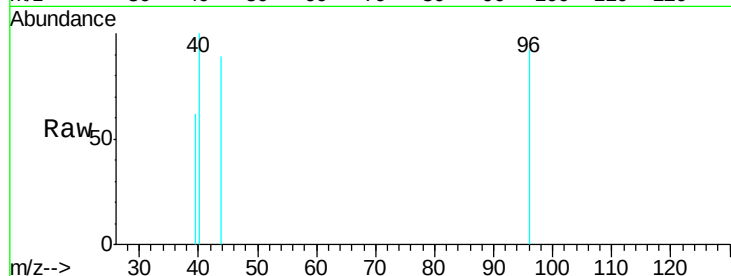


#27

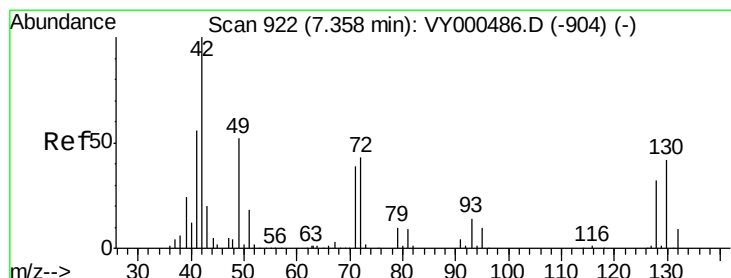
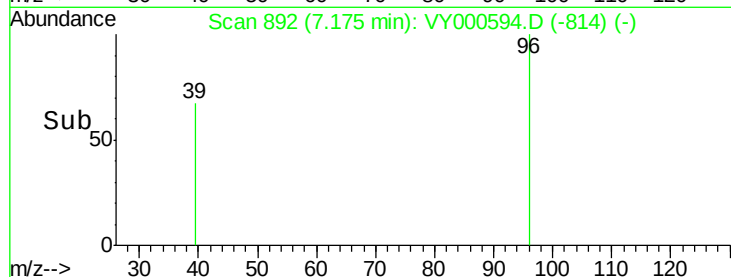
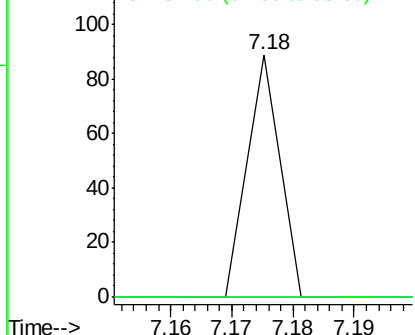
cis-1,2-Dichloroethene
Concen: 1.503 ug/l
RT: 7.18 min Scan# 892
Delta R.T. 0.18 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Instrument :
MSVOA_Y
ClientSampleId :
9-D

Tgt Ion: 96 Resp: 33
Ion Ratio Lower Upper
96 100
61 0.0 0.0 287.0
98 0.0 0.0 129.4



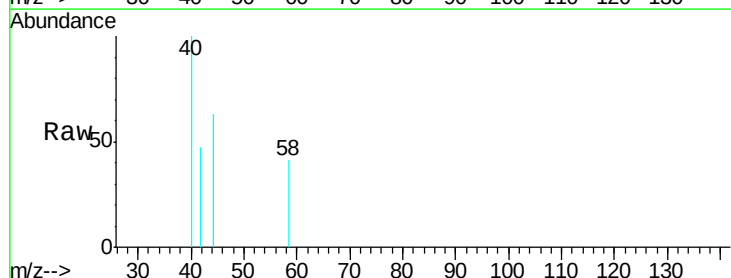
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



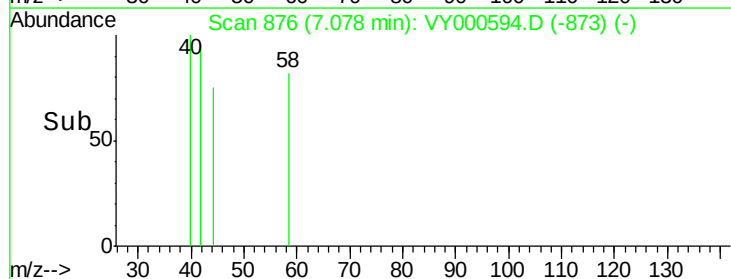
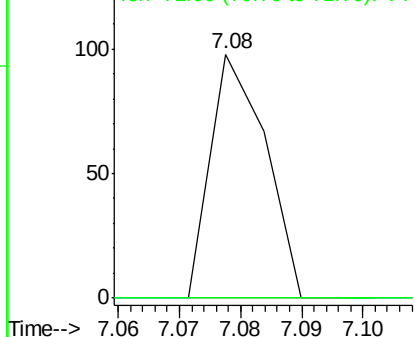
#29

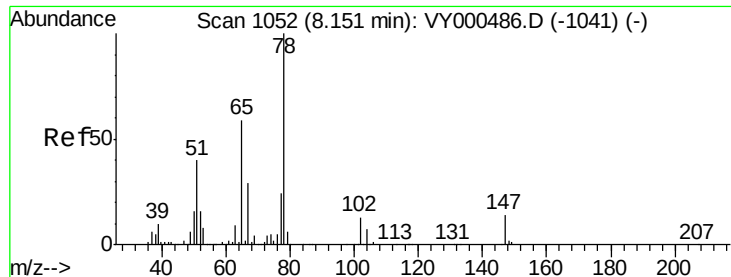
Tetrahydrofuran
Concen: 12.118 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.28 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Tgt Ion: 42 Resp: 60
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 0.0 30.8 46.2#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

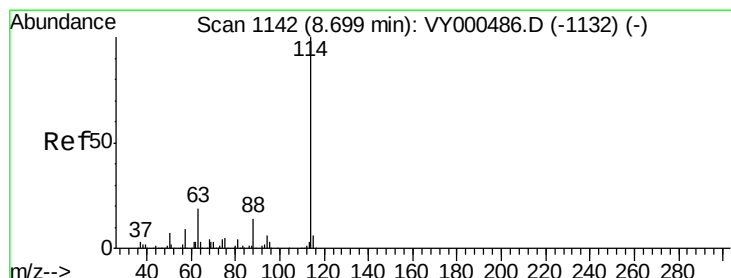
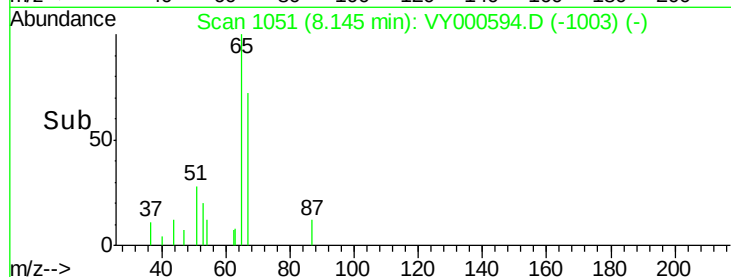
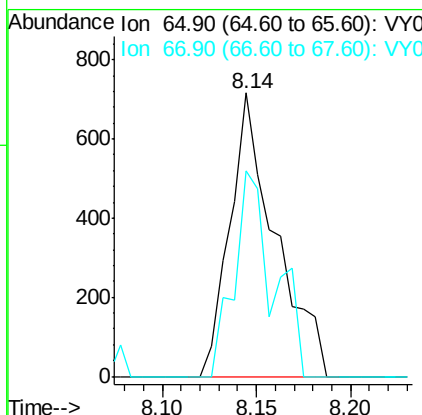
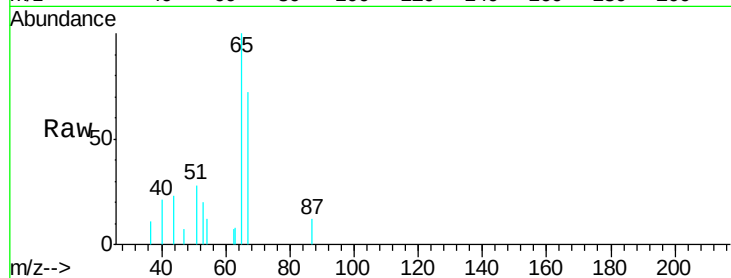




#33
 1,2-Dichloroethane-d4
 Concen: 64.837 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

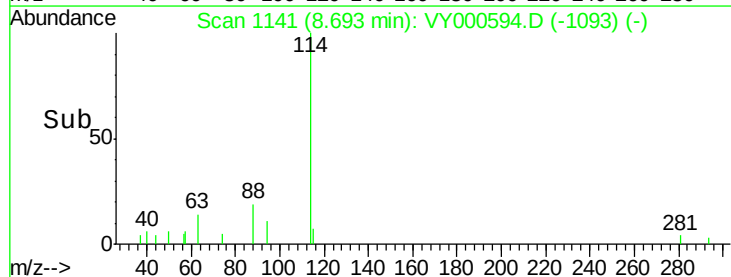
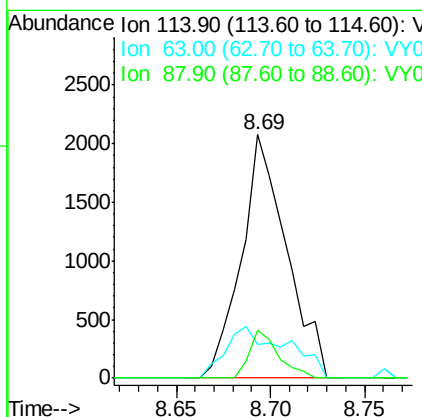
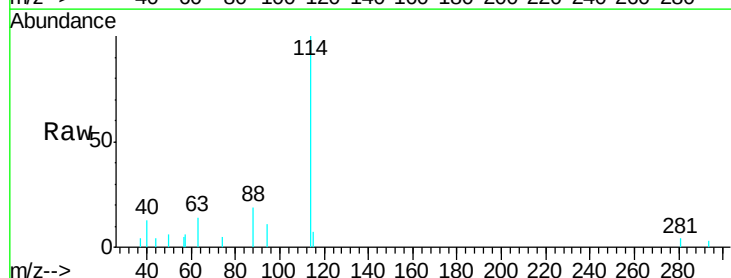
Instrument :
 MSVOA_Y
 ClientSampleId :
 9-D

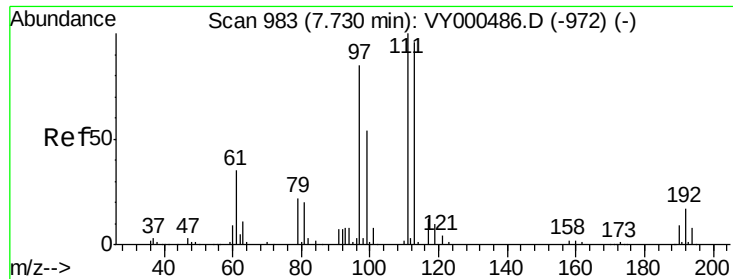
Tgt Ion: 65 Resp: 1193
 Ion Ratio Lower Upper
 65 100
 67 63.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

Tgt Ion: 114 Resp: 3440
 Ion Ratio Lower Upper
 114 100
 63 13.9 0.0 38.0
 88 19.4 0.0 28.6

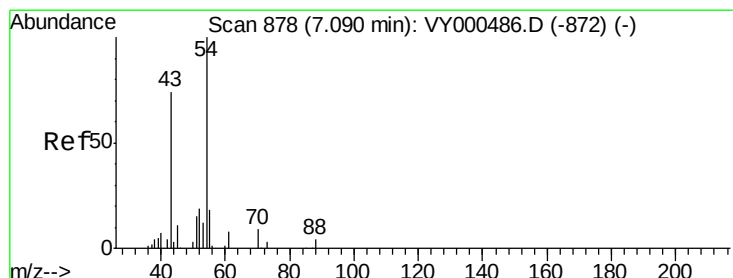
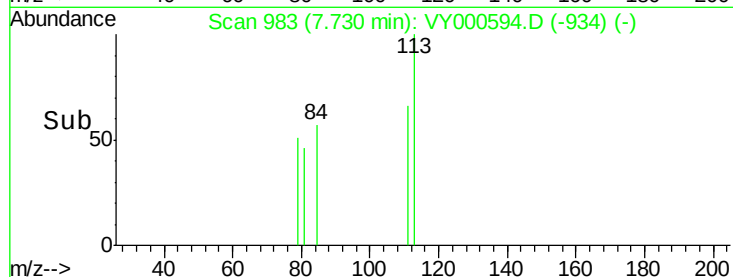
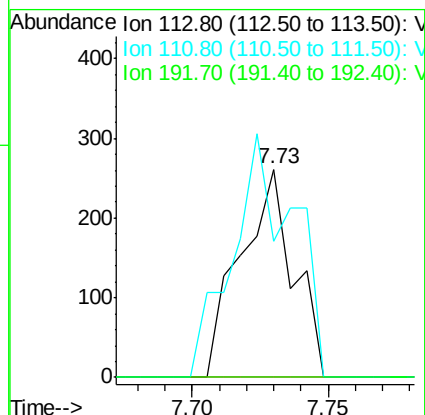
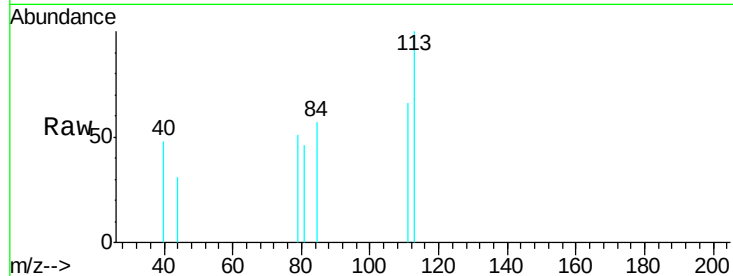




#35
 Dibromofluoromethane
 Concen: 17.480 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

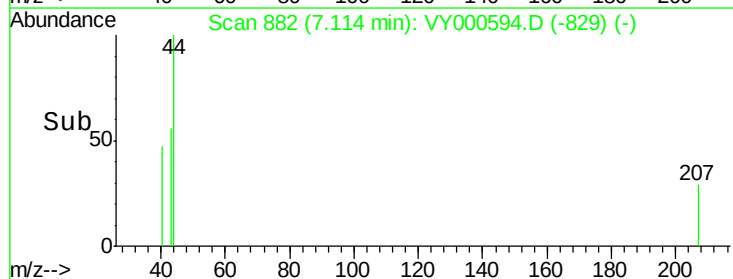
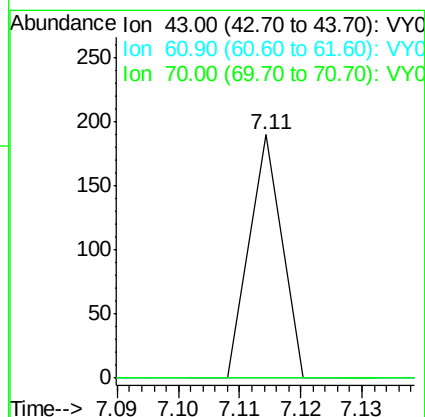
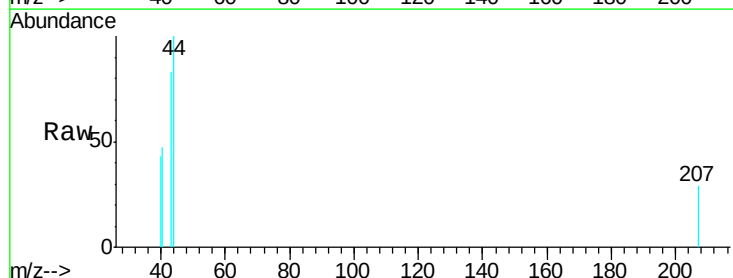
Instrument :
 MSVOA_Y
 ClientSampled :
 9-D

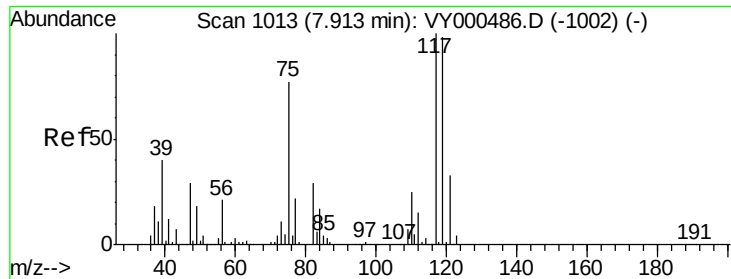
Tgt Ion:113 Resp: 353
 Ion Ratio Lower Upper
 113 100
 111 133.7 81.7 122.5#
 192 0.0 15.0 22.4#



#37
 Ethyl Acetate
 Concen: 3.574 ug/l
 RT: 7.11 min Scan# 882
 Delta R.T. 0.02 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

Tgt Ion: 43 Resp: 69
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.2#
 70 0.0 7.8 11.8#

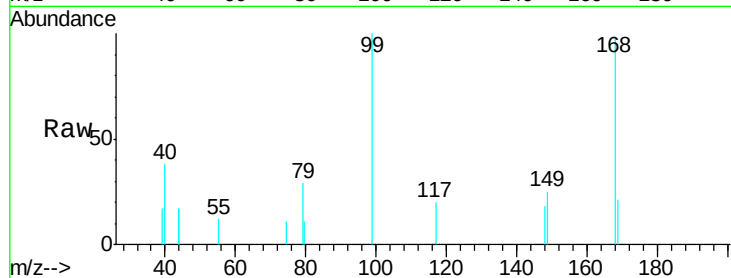




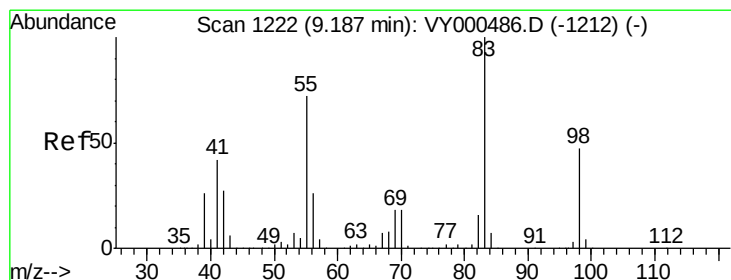
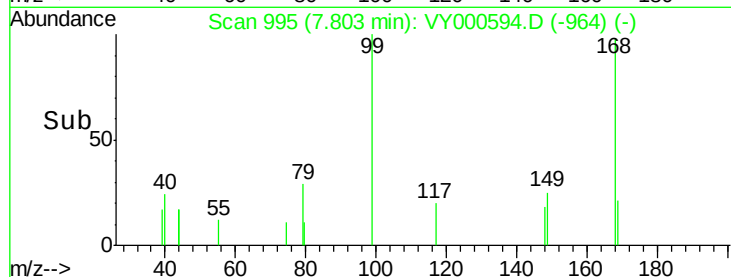
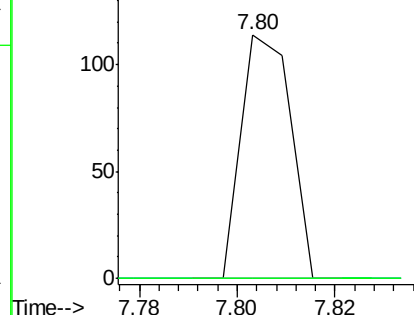
#38
Carbon Tetrachloride
Concen: 2.557 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Instrument :
MSVOA_Y
ClientSampled :
9-D

Tgt Ion: 117 Resp: 80
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 26.6 40.0#

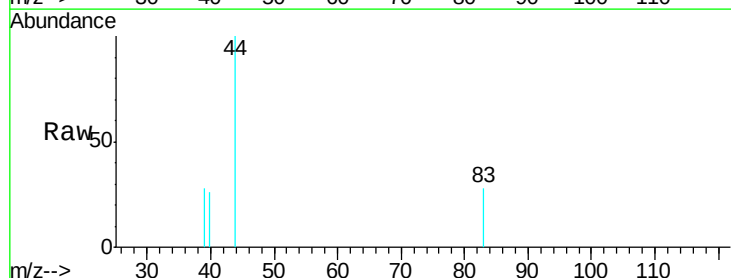


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

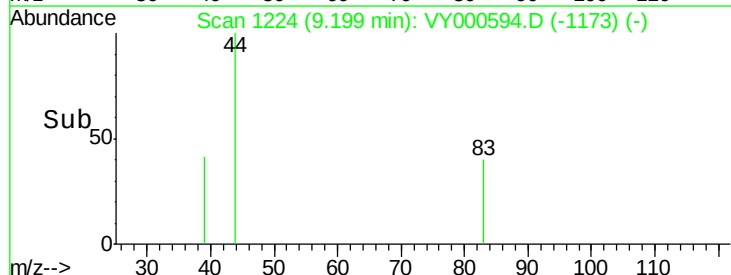
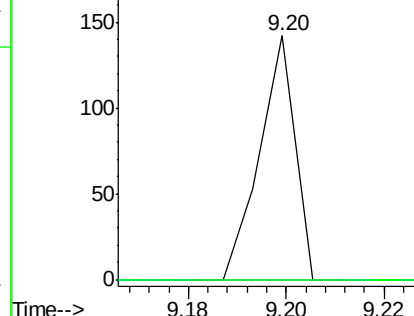


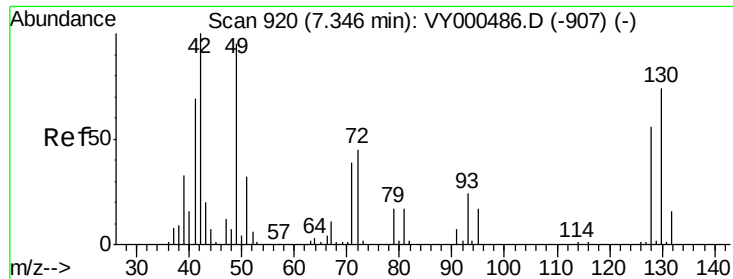
#39
Methylcyclohexane
Concen: 1.690 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Tgt Ion: 83 Resp: 71
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 0.0 38.0 57.0#



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

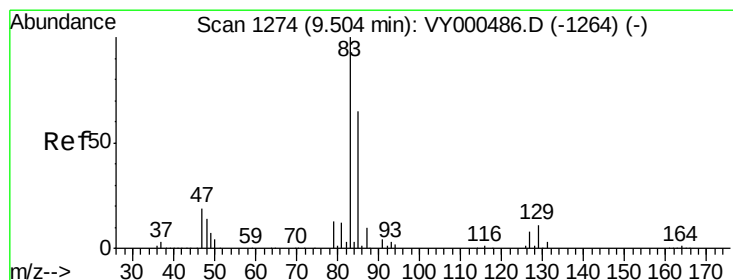
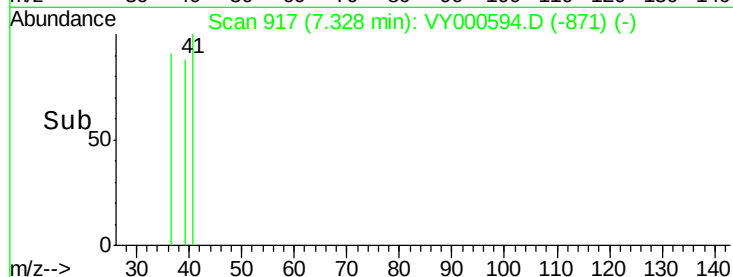
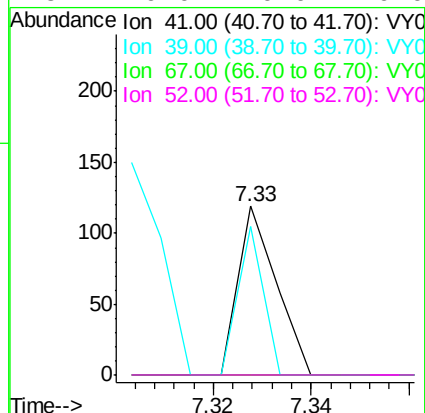
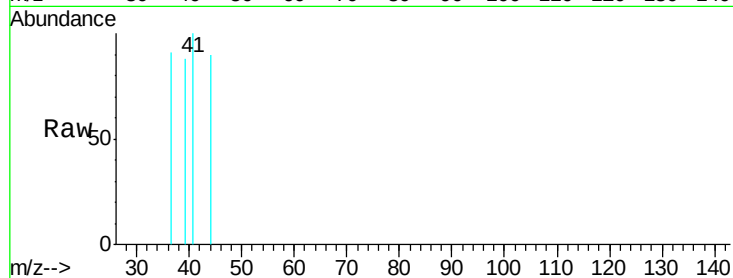




#41
Methacrylonitrile
Concen: 6.035 ug/l
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

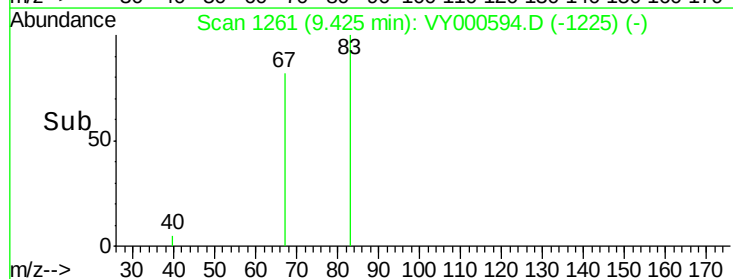
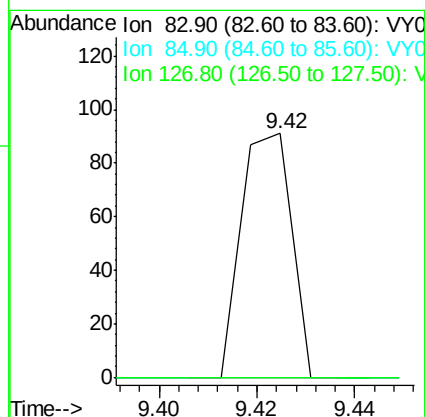
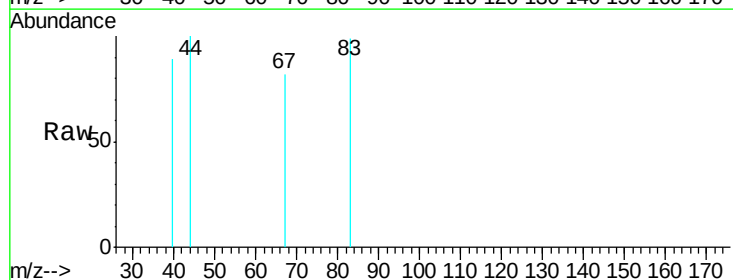
Instrument :
MSVOA_Y
ClientSampled :
9-D

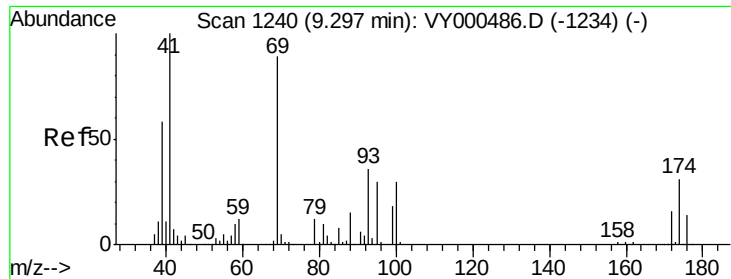
Tgt Ion:	41	Resp:	65
Ion	Ratio	Lower	Upper
41	100		
39	58.5	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#47
Bromodichloromethane
Concen: 2.123 ug/l
RT: 9.42 min Scan# 1261
Delta R.T. -0.08 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Tgt Ion:	83	Resp:	65
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.8#
127	0.0	6.7	10.1#

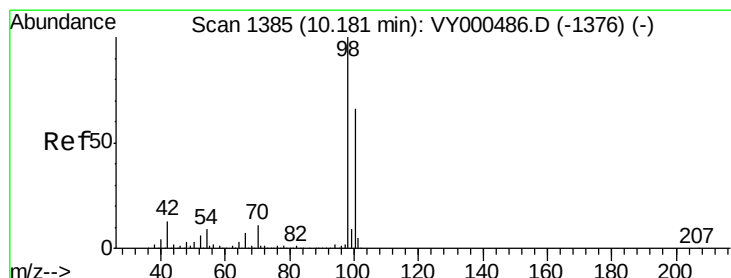
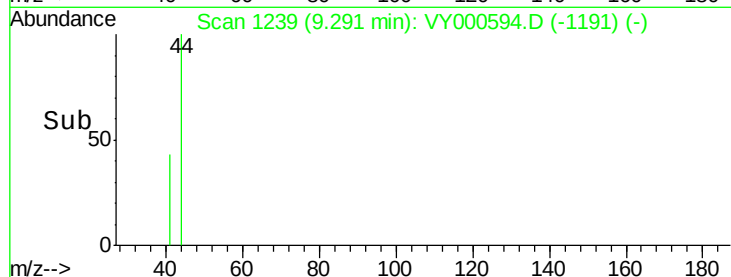
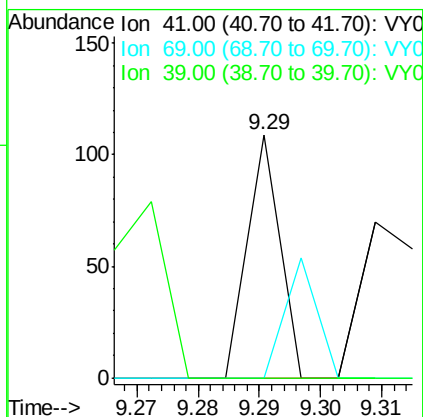
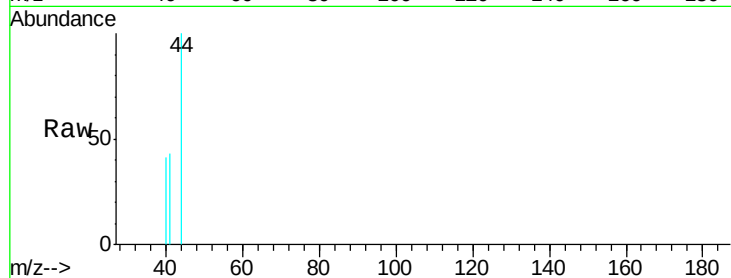




#48
Methyl methacrylate
Concen: 2.524 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

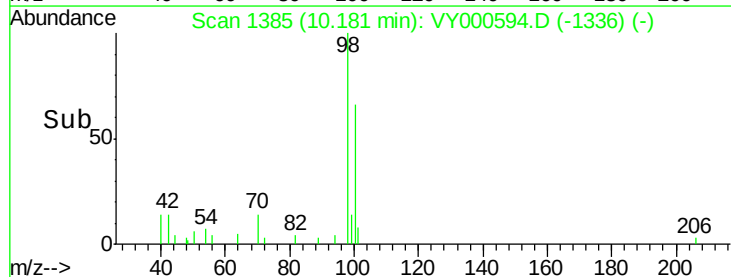
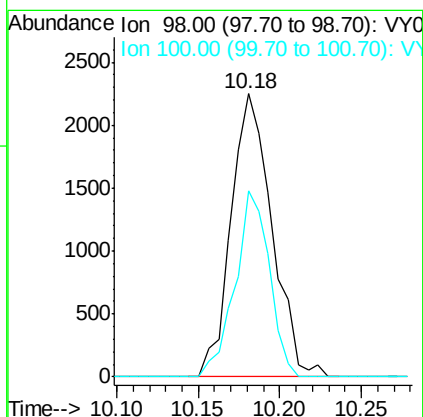
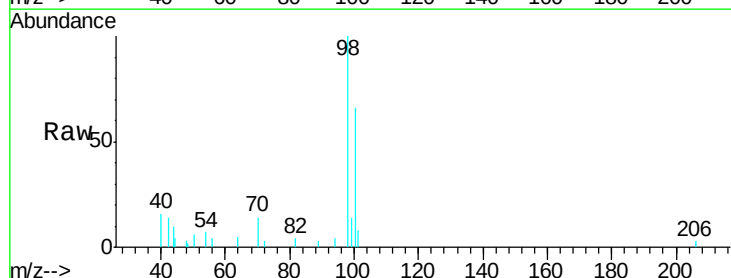
Instrument :
MSVOA_Y
ClientSampleId :
9-D

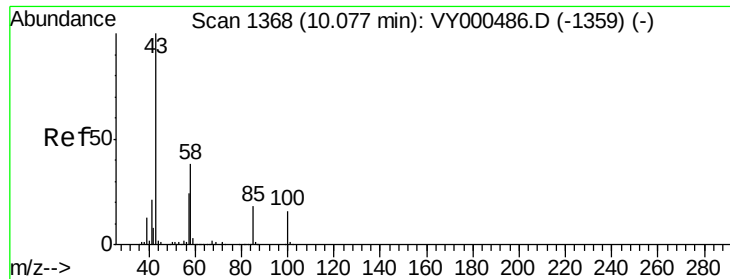
Tgt Ion: 41 Resp: 40
Ion Ratio Lower Upper
41 100
69 50.0 72.5 108.7#
39 0.0 47.8 71.8#



#50
Toluene-d8
Concen: 51.090 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Tgt Ion: 98 Resp: 3915
Ion Ratio Lower Upper
98 100
100 55.3 52.9 79.3

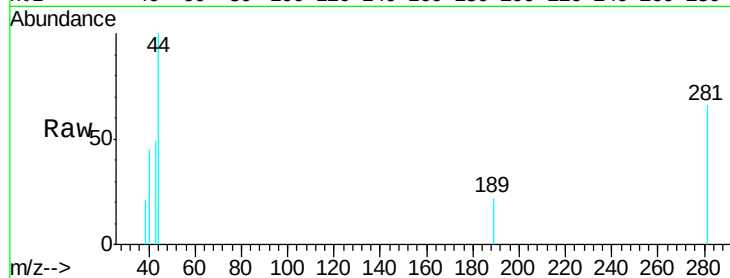




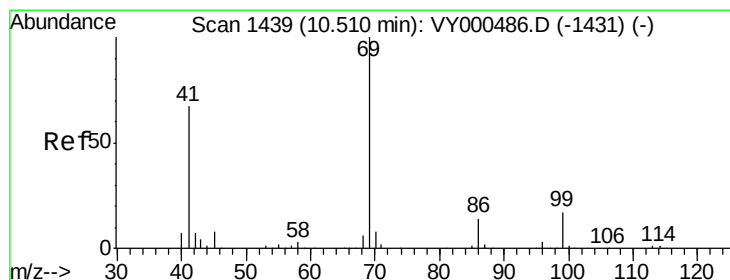
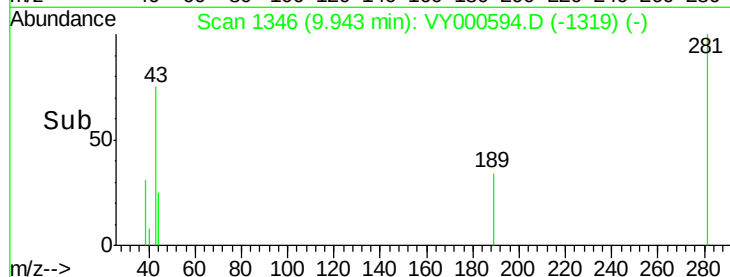
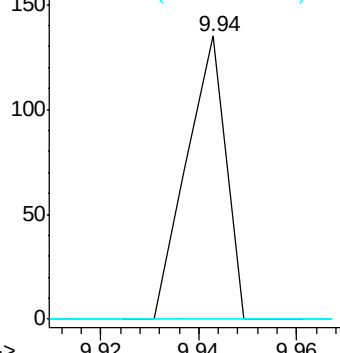
#51
 4-Methyl-2-Pentanone
 Concen: 3.889 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.13 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

Instrument :
 MSVOA_Y
 ClientSampled :
 9-D

Tgt Ion: 43 Resp: 75
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.2 45.4#

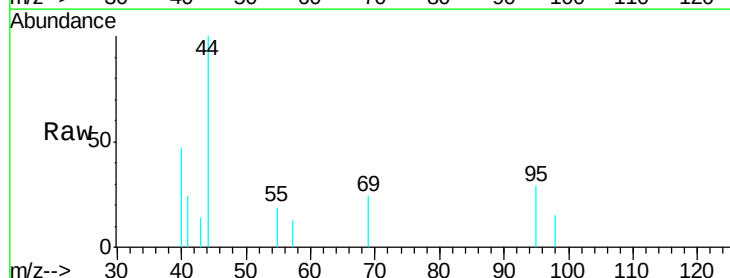


Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

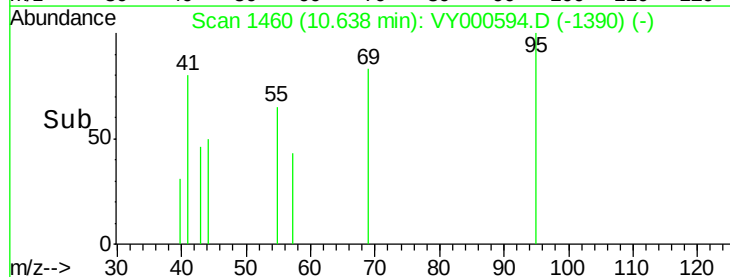
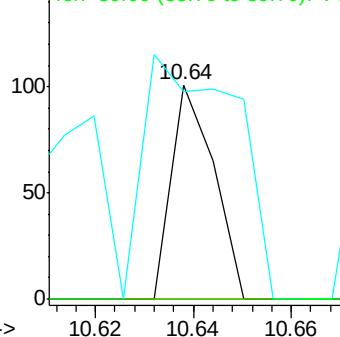


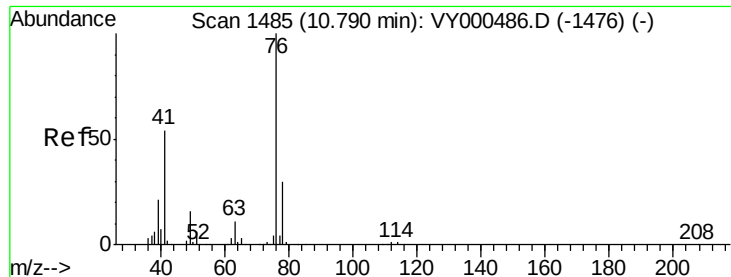
#56
 Ethyl methacrylate
 Concen: 2.306 ug/l
 RT: 10.64 min Scan# 1460
 Delta R.T. 0.13 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

Tgt Ion: 69 Resp: 61
 Ion Ratio Lower Upper
 69 100
 41 242.6 53.3 79.9#
 39 0.0 28.0 42.0#



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0

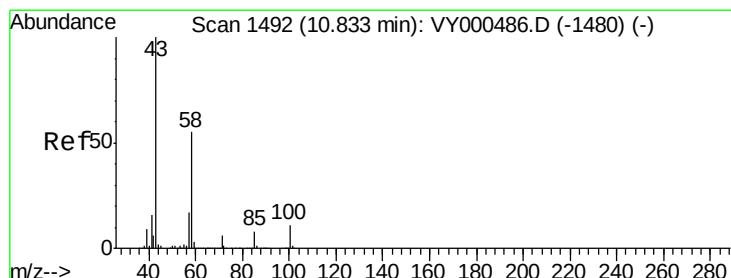
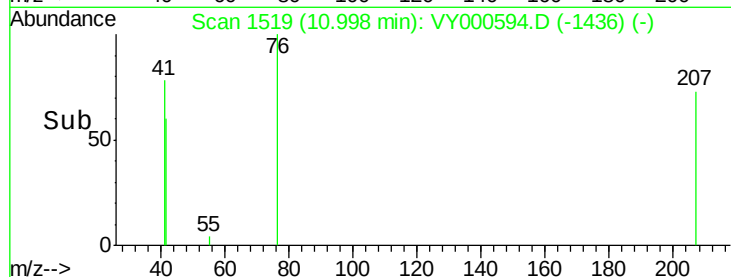
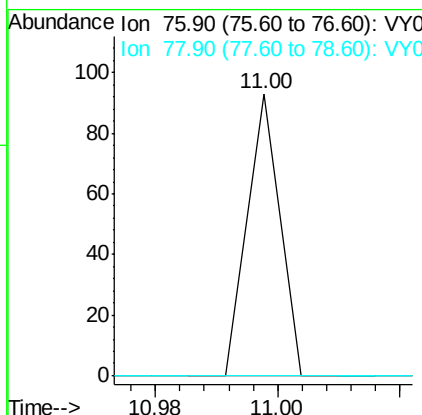
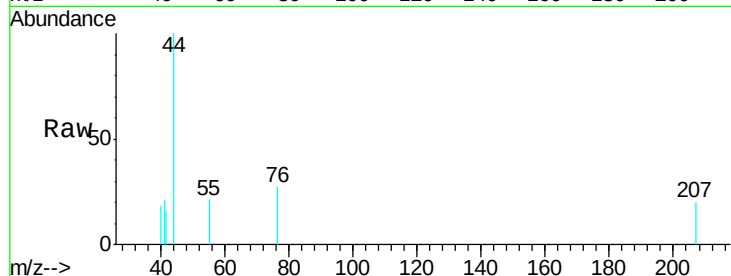




#57
 1,3-Dichloropropane
 Concen: 1.041 ug/l
 RT: 11.00 min Scan# 1519
 Delta R.T. 0.21 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

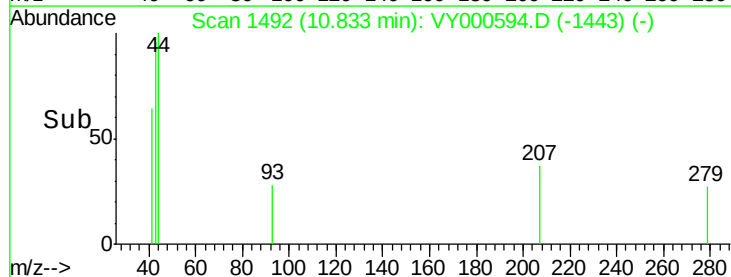
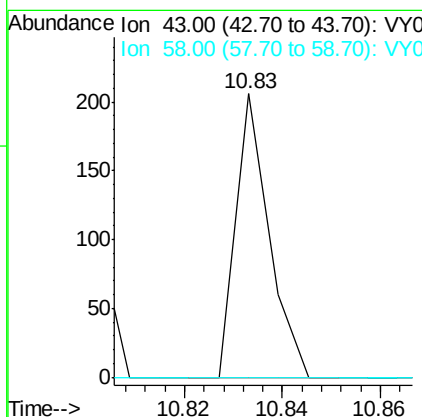
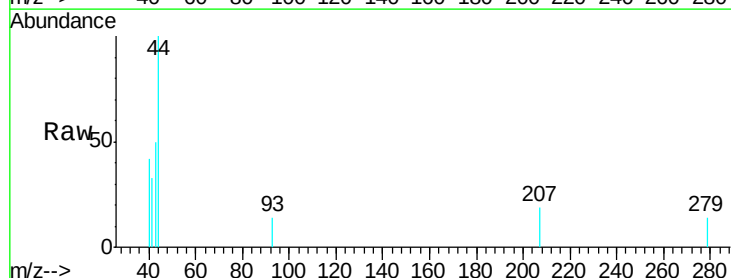
Instrument :
 MSVOA_Y
 ClientSampled :
 9-D

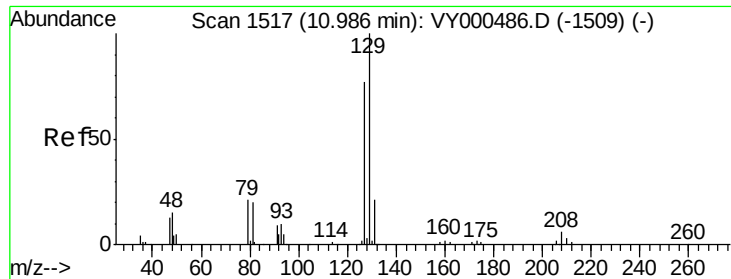
Tgt Ion: 76 Resp: 34
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 6.904 ug/l
 RT: 10.83 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VY000594.D
 Acq: 07 Nov 2019 20:16

Tgt Ion: 43 Resp: 97
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.1 81.3#





#60

Dibromochloromethane

Concen: 1.169 ug/l

RT: 11.23 min Scan# 1557

Delta R.T. 0.24 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampleId :

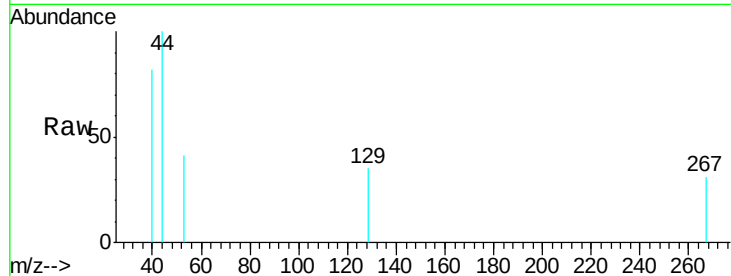
9-D

Tgt Ion:129 Resp: 25

Ion Ratio Lower Upper

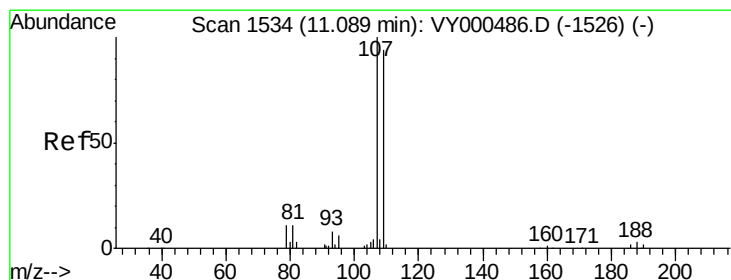
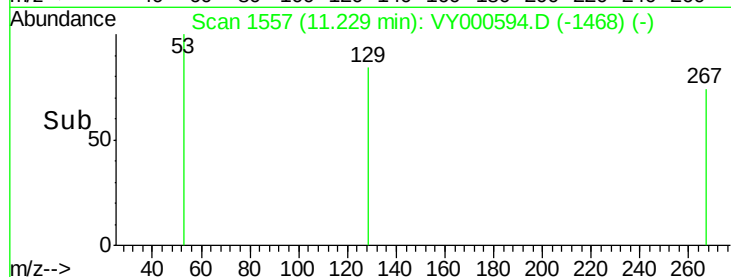
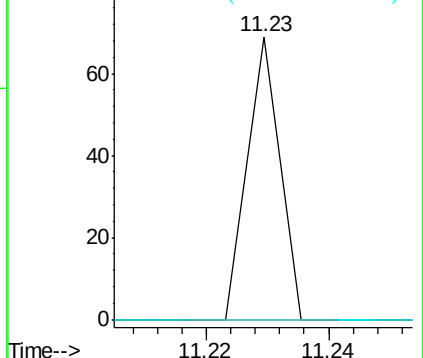
129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 3.287 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VY000594.D

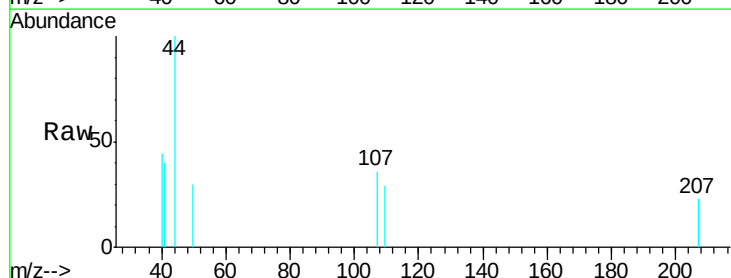
Acq: 07 Nov 2019 20:16

Tgt Ion:107 Resp: 59

Ion Ratio Lower Upper

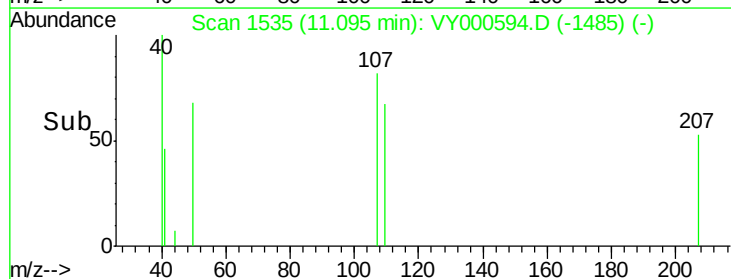
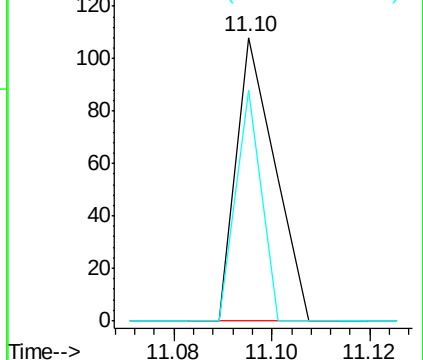
107 100

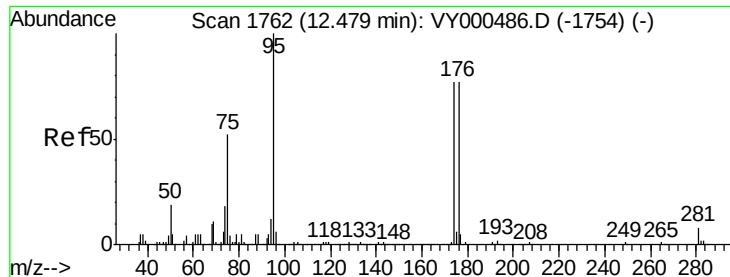
109 54.2 73.6 110.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.858 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampleId :

9-D

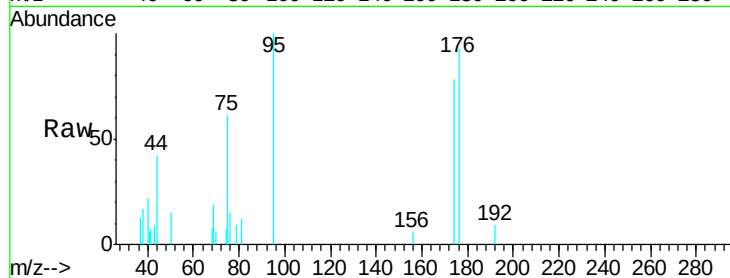
Tgt Ion: 95 Resp: 1542

Ion Ratio Lower Upper

95 100

174 78.7 0.0 161.6

176 84.0 0.0 157.8

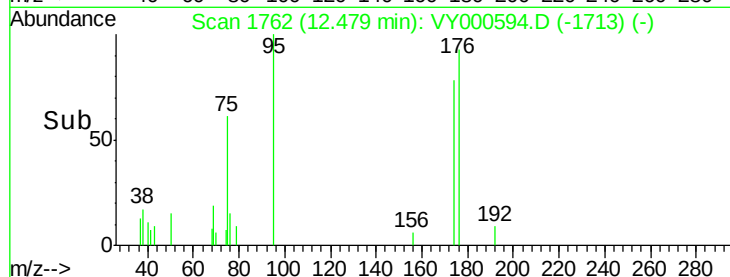


Abundance Ion 94.90 (94.60 to 95.60): VY000486.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000486.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000486.D (-1754) (-)

Time-->

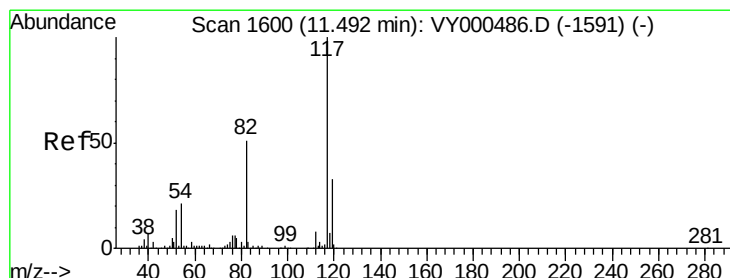


Abundance Ion 94.90 (94.60 to 95.60): VY000594.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000594.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000594.D (-1713) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

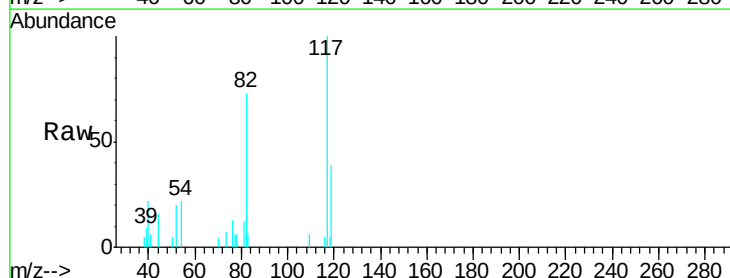
Tgt Ion: 117 Resp: 3049

Ion Ratio Lower Upper

117 100

82 73.5 40.8 61.2#

119 39.5 26.2 39.2#

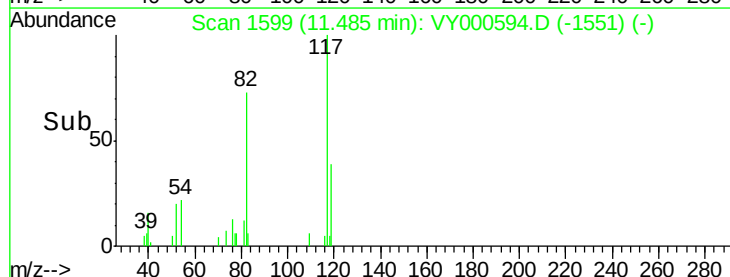


Abundance Ion 116.90 (116.60 to 117.60): VY000486.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY000486.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000486.D (-1591) (-)

Time-->

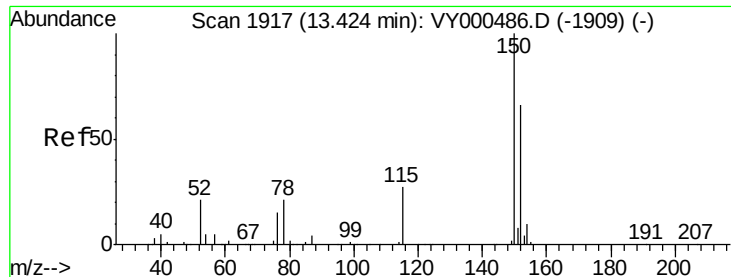


Abundance Ion 116.90 (116.60 to 117.60): VY000594.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000594.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000594.D (-1551) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampleId :

9-D

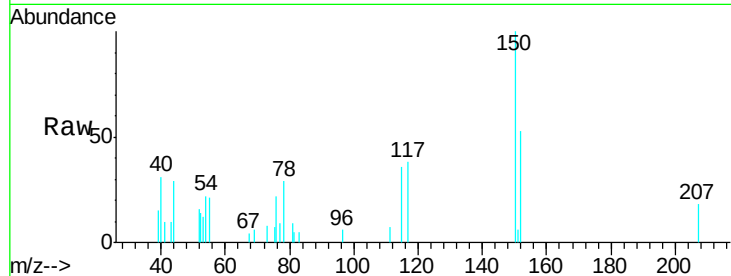
Tgt Ion:152 Resp: 1114

Ion Ratio Lower Upper

152 100

115 71.3 29.1 87.4

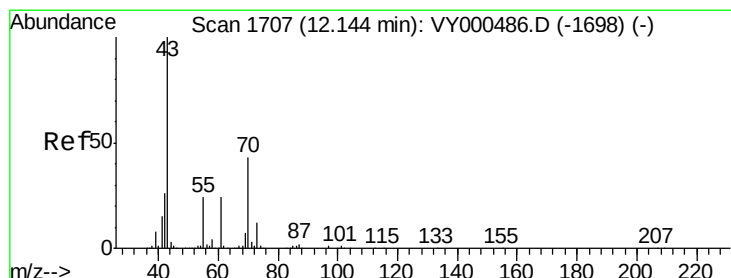
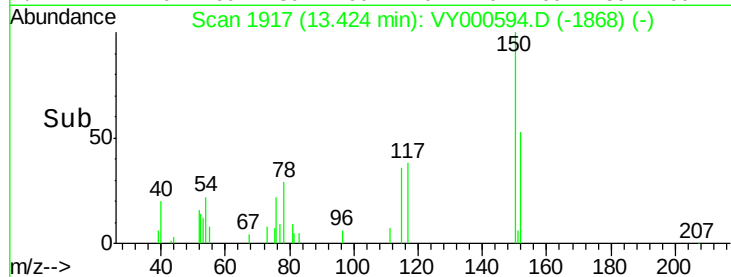
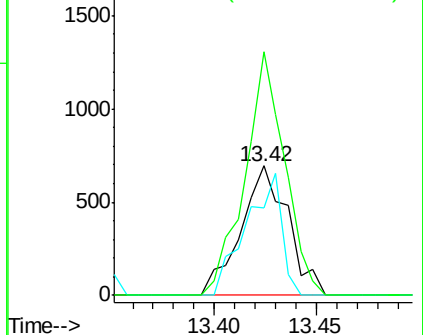
150 159.1 0.0 348.8



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



#74

N-ethyl acetate

Concen: 3.096 ug/l

RT: 12.16 min Scan# 1710

Delta R.T. 0.02 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Tgt Ion: 43 Resp: 73

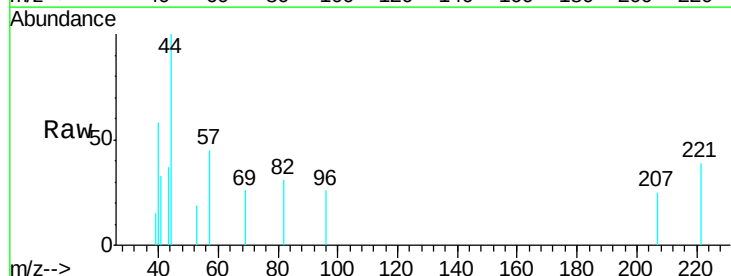
Ion Ratio Lower Upper

43 100

70 0.0 33.1 49.7#

55 197.3 18.0 27.0#

61 0.0 19.1 28.7#

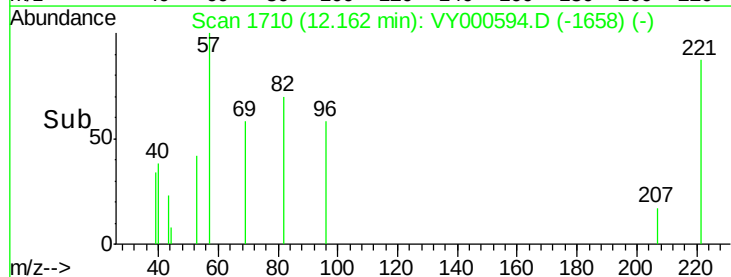
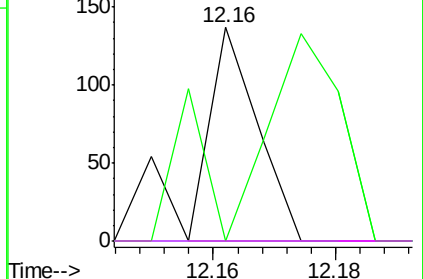


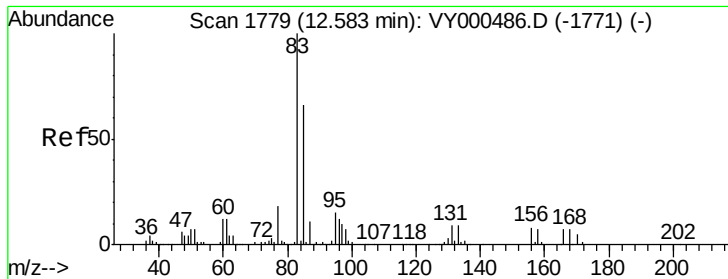
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.827 ug/l

RT: 12.50 min Scan# 1766

Delta R.T. -0.08 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

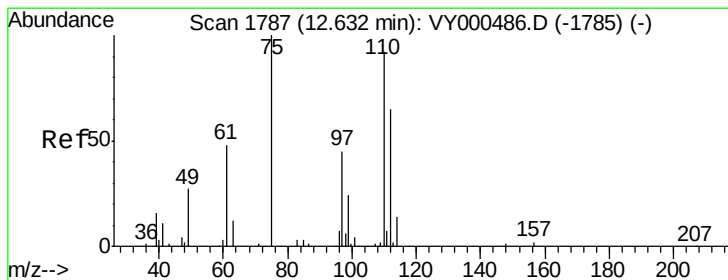
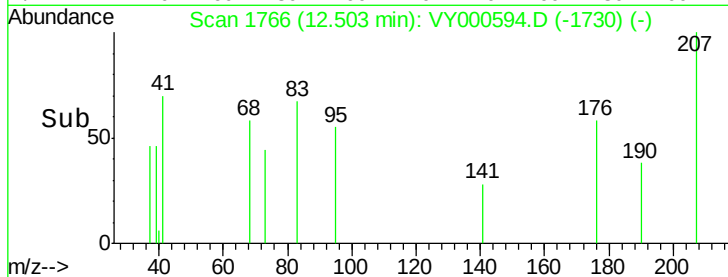
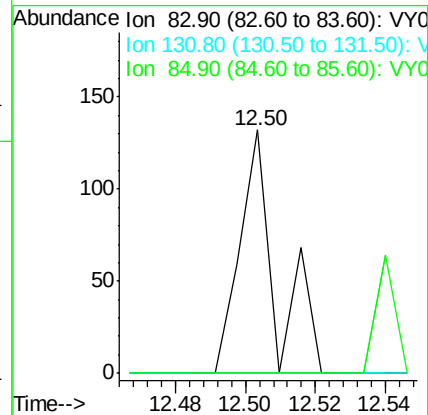
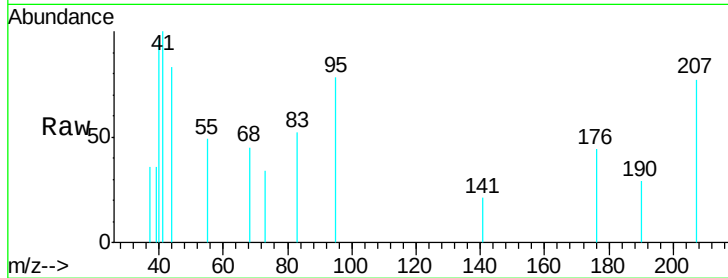
MSVOA_Y

ClientSampled :

9-D

Tgt Ion: 83 Resp: 95

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.3	96.9#



#76

1,2,3-Trichloropropane

Concen: 4.257 ug/l

RT: 12.59 min Scan# 1780

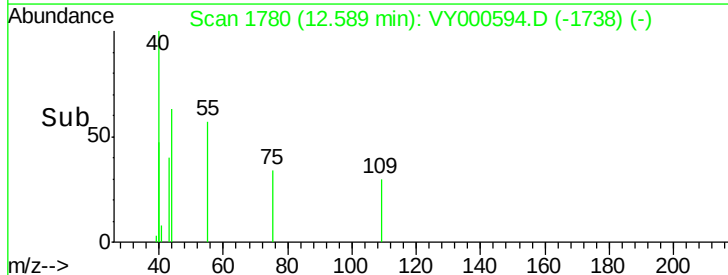
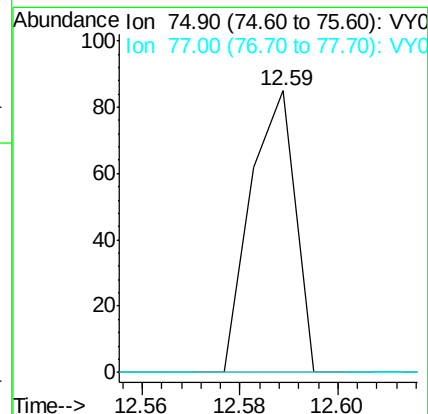
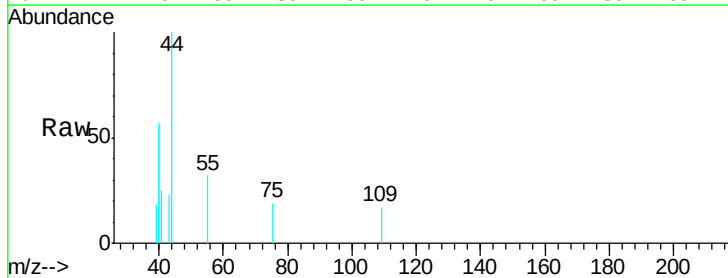
Delta R.T. -0.04 min

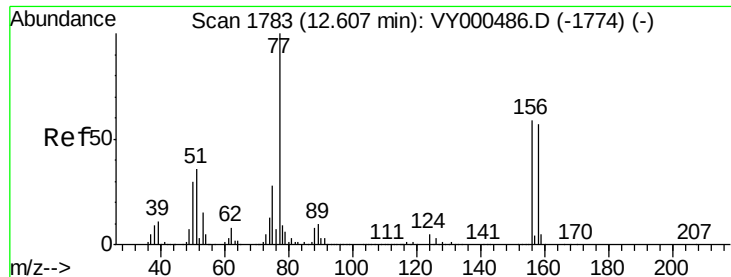
Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Tgt Ion: 75 Resp: 54

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 3.589 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.07 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

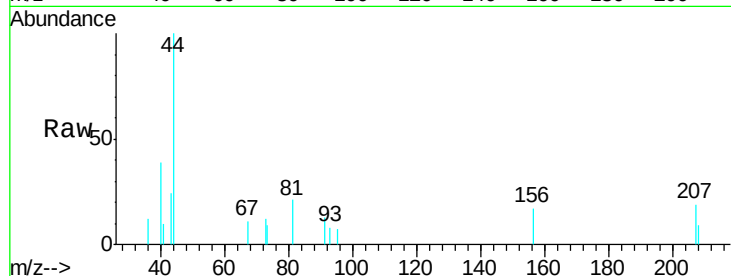
MSVOA_Y

ClientSampleId :

9-D

Tgt Ion: 156 Resp: 67

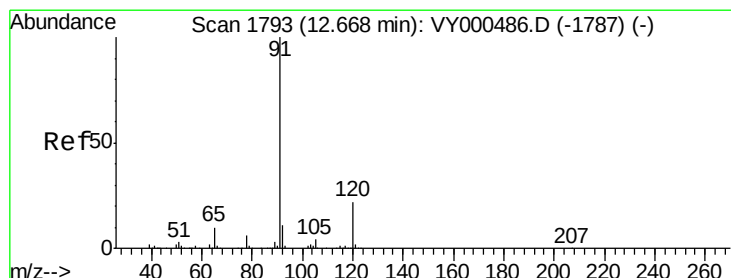
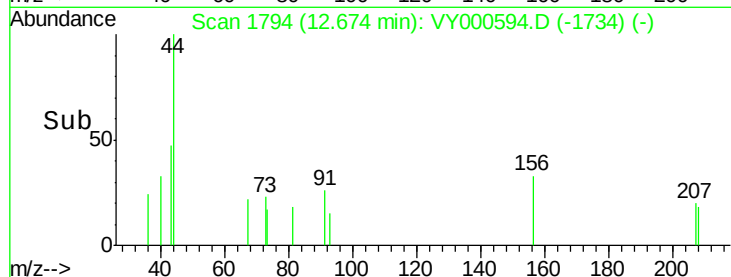
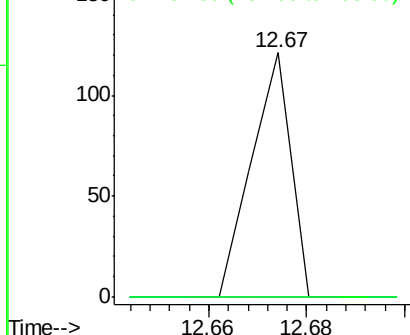
Ion	Ratio	Lower	Upper
156	100		
77	0.0	98.2	294.4#
158	0.0	49.6	149.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.137 ug/l

RT: 12.67 min Scan# 1793

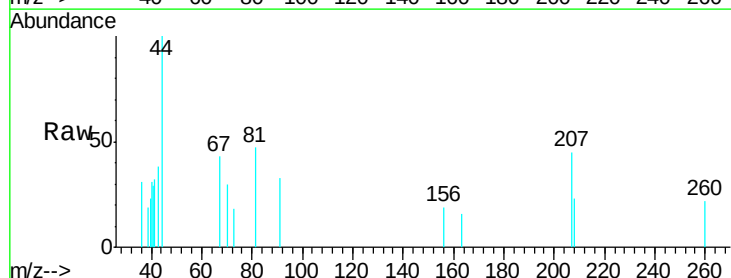
Delta R.T. -0.00 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

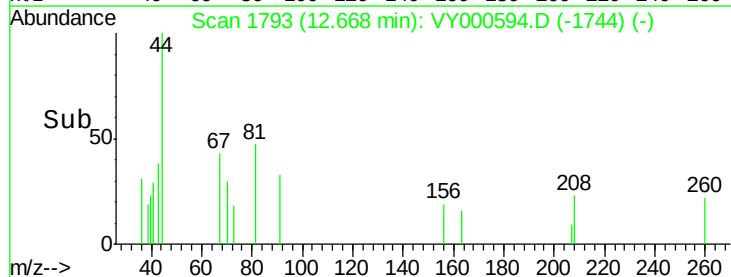
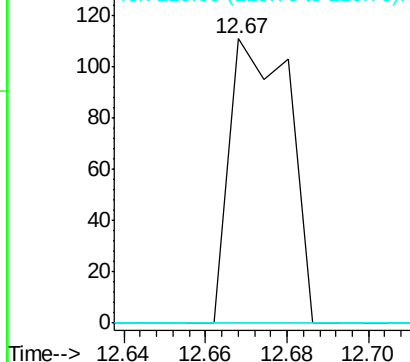
Tgt Ion: 91 Resp: 113

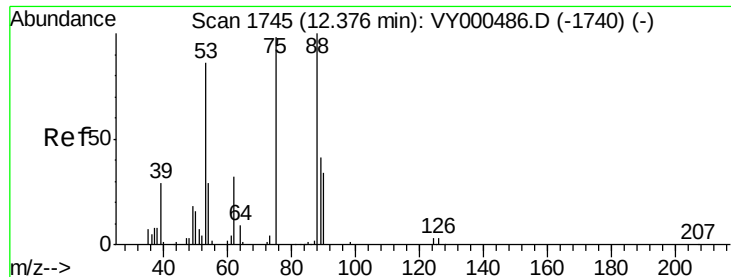
Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.4	34.1#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 159.617 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampled :

9-D

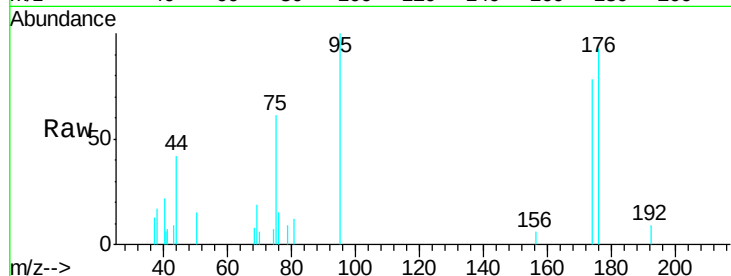
Tgt Ion: 75 Resp: 903

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

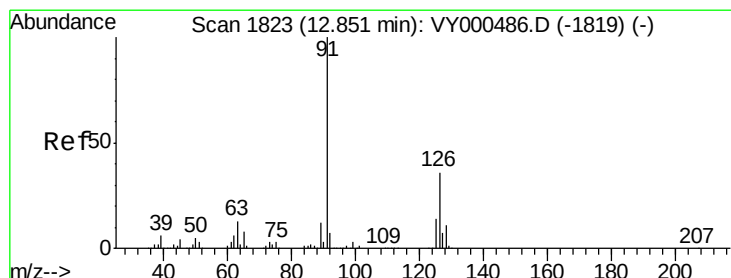
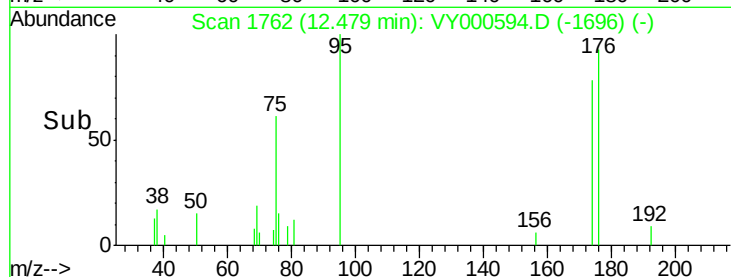
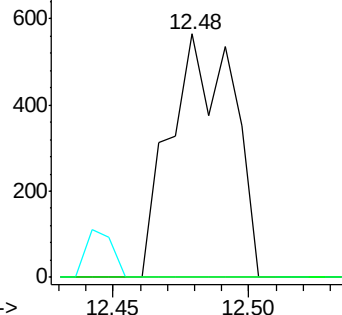
89 0.0 35.9 53.9#



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: 3.498 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000594.D

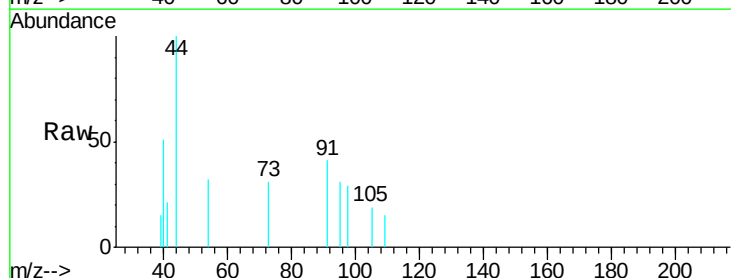
Acq: 07 Nov 2019 20:16

Tgt Ion: 91 Resp: 200

Ion Ratio Lower Upper

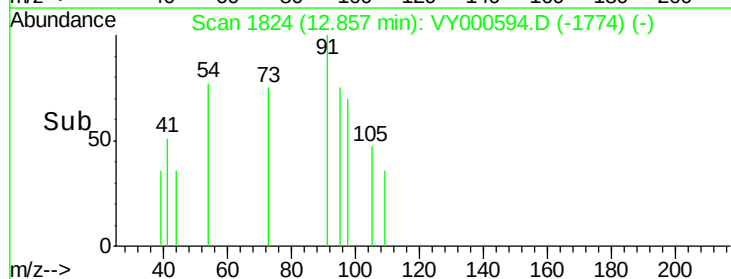
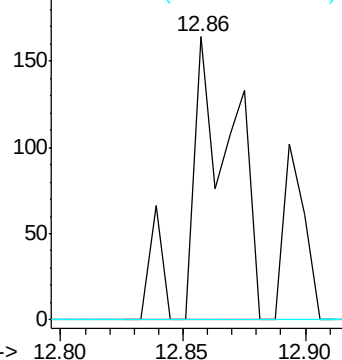
91 100

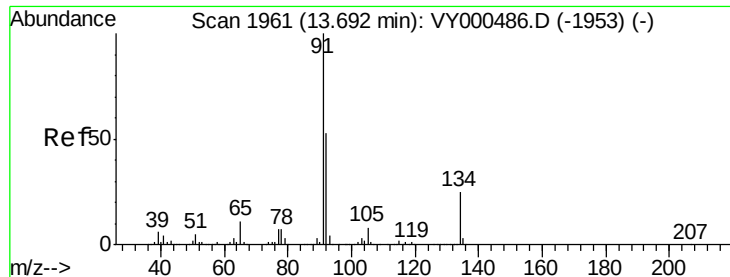
126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

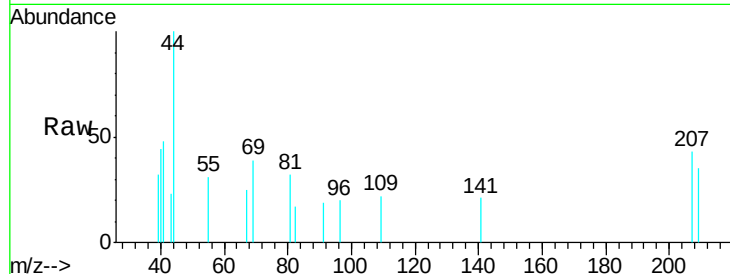




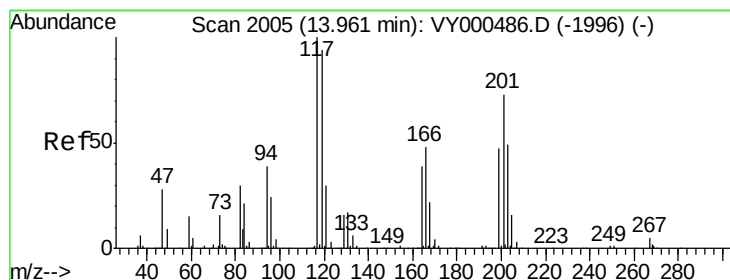
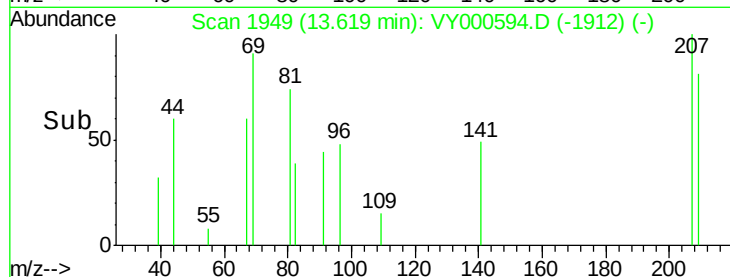
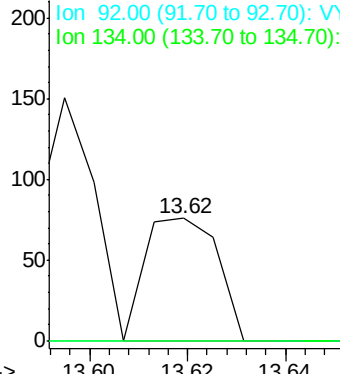
#89
n-Butylbenzene
Concen: 1.064 ug/l
RT: 13.62 min Scan# 1949
Delta R.T. -0.07 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Instrument :
MSVOA_Y
ClientSampled :
9-D

Tgt Ion: 91 Resp: 78
Ion Ratio Lower Upper
91 100
92 0.0 26.8 80.3#
134 0.0 12.9 38.7#

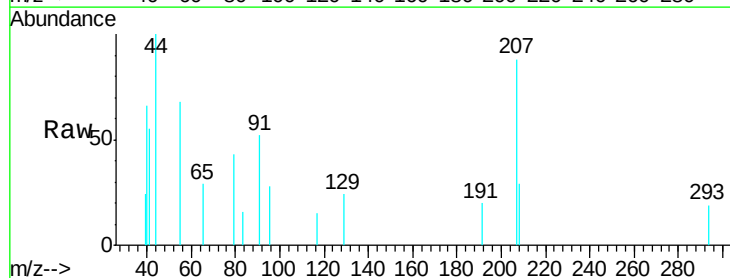


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

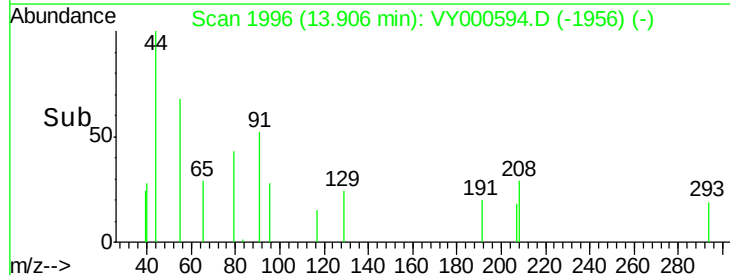
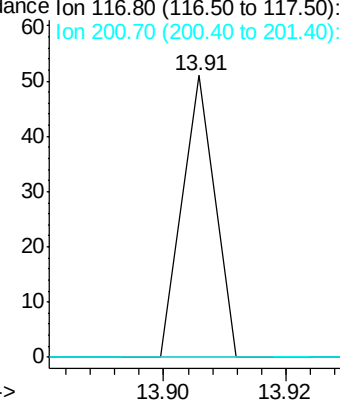


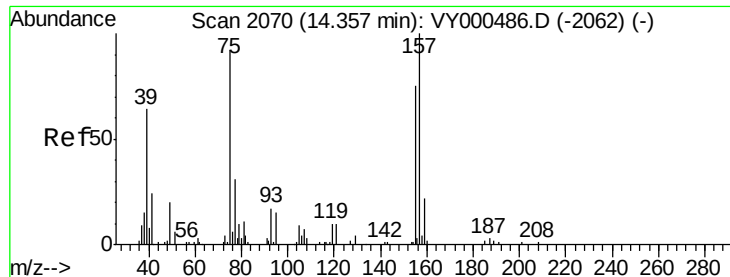
#90
Hexachloroethane
Concen: 1.382 ug/l
RT: 13.91 min Scan# 1996
Delta R.T. -0.05 min
Lab File: VY000594.D
Acq: 07 Nov 2019 20:16

Tgt Ion: 117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 35.8 107.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 312.985 ug/l

RT: 14.21 min Scan# 2046

Delta R.T. -0.15 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampleId :

9-D

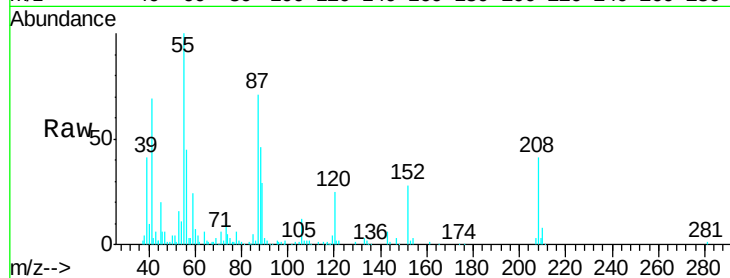
Tgt Ion: 75 Resp: 903

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

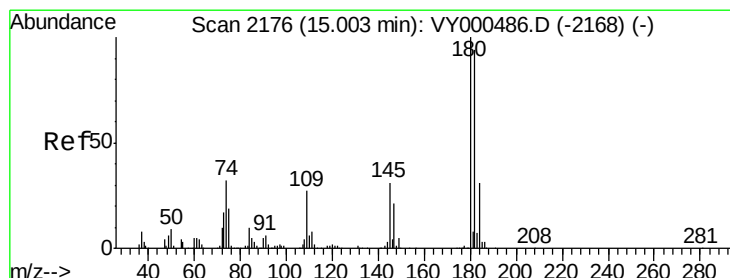
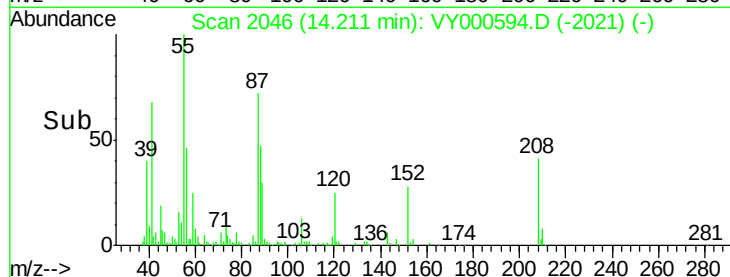
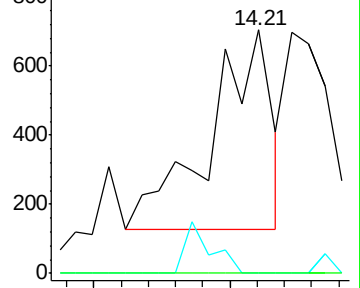
157 0.0 55.1 165.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 1.018 ug/l

RT: 15.03 min Scan# 2181

Delta R.T. 0.03 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

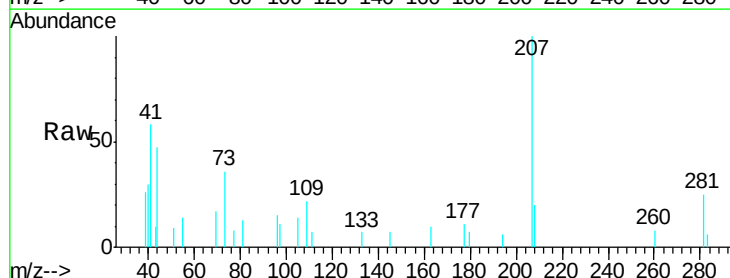
Tgt Ion: 180 Resp: 23

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.4#

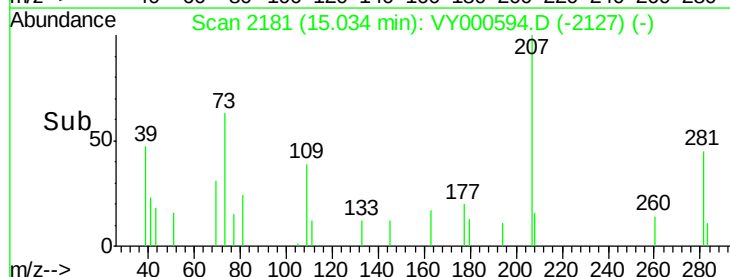
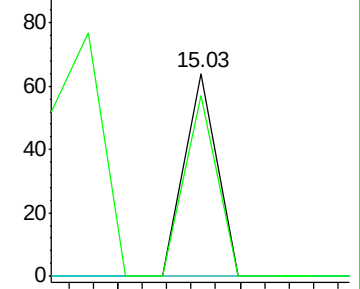
145 91.3 16.0 47.9#

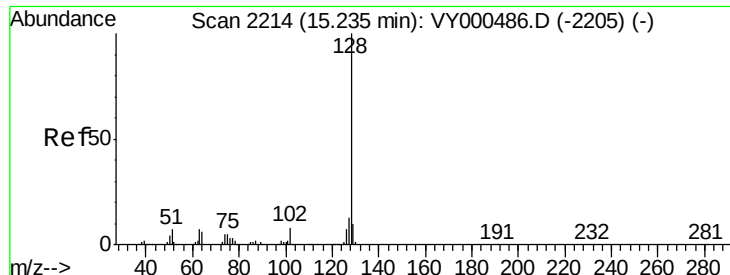


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.410 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000594.D

Acq: 07 Nov 2019 20:16

Instrument :

MSVOA_Y

ClientSampleId :

9-D

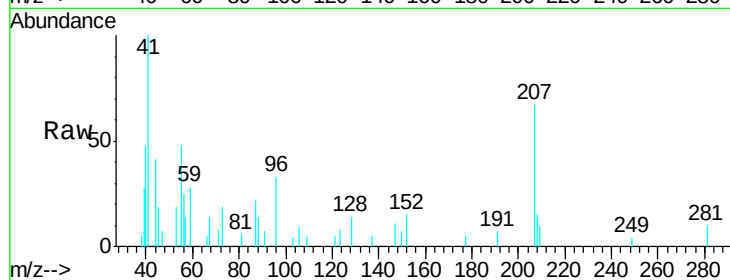
Tgt Ion:128 Resp: 171

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

