

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000969.D
 Acq On : 16 Dec 2019 20:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Quant Time: Dec 17 06:10:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	2945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	2906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	779	313.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	626.60%	
35) Dibromofluoromethane	7.73	113	307	32.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.96%	
50) Toluene-d8	10.18	98	2319	62.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.64%	
62) 4-Bromofluorobenzene	12.49	95	2096	149.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	19	7.543	ug/l #	41
3) Chloromethane	2.11	50	564	181.641	ug/l #	86
5) Bromomethane	2.68	94	90	48.722	ug/l #	27
6) Chloroethane	2.69	64	19	10.127	ug/l #	43
8) Diethyl Ether	3.53	74	42	26.608	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37	14.287	ug/l #	20
10) Methyl Iodide	4.09	142	23	7.054	ug/l #	41
11) Tert butyl alcohol	4.97	59	300	1199.254	ug/l #	74
12) 1,1-Dichloroethene	3.74	96	41	15.980	ug/l #	1
13) Acrolein	3.72	56	65	263.777	ug/l #	1
14) Allyl chloride	4.51	41	182	41.371	ug/l #	45
15) Acrylonitrile	5.18	53	1127	1382.707	ug/l #	80
16) Acetone	3.96	43	7607	13336.531	ug/l	90
17) Carbon Disulfide	4.21	76	326	39.286	ug/l #	75
18) Methyl Acetate	4.49	43	636	266.670	ug/l #	52
19) Methyl tert-butyl Ether	5.25	73	208	30.356	ug/l #	1
20) Methylene Chloride	4.72	84	7064	2349.473	ug/l #	92
21) trans-1,2-Dichloroethene	5.24	96	47	16.117	ug/l #	33
22) Diisopropyl ether	6.14	45	401	44.349	ug/l #	56
23) Vinyl Acetate	6.07	43	1369	249.051	ug/l #	72
24) 1,1-Dichloroethane	6.19	63	86	17.257	ug/l #	83
25) 2-Butanone	7.00	43	3146	2985.786	ug/l #	74
27) cis-1,2-Dichloroethene	6.99	96	351	111.349	ug/l #	1
29) Tetrahydrofuran	7.36	42	606	867.933	ug/l #	86
30) Chloroform	7.53	83	166	33.205	ug/l #	19
31) Cyclohexane	7.80	56	84	15.911	ug/l #	59
37) Ethyl Acetate	7.08	43	258	28.139	ug/l #	67
38) Carbon Tetrachloride	8.00	117	55	3.889	ug/l #	11
39) Methylcyclohexane	9.19	83	80	3.803	ug/l #	20
40) Benzene	8.17	78	922	19.934	ug/l #	51
41) Methacrylonitrile	7.36	41	661	136.784	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	101	8.303	ug/l #	72
43) Isopropyl Acetate	8.28	43	380	21.993	ug/l #	57
44) Trichloroethene	8.95	130	121	10.179	ug/l	50

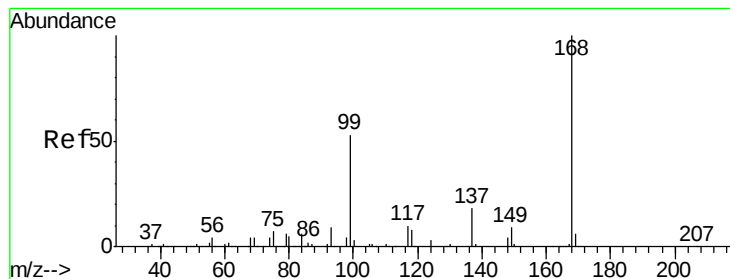
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000969.D
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 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.35	63	65	5.595	ug/l #	46
46) Dibromomethane	9.30	93	66	10.873	ug/l #	35
47) Bromodichloromethane	9.50	83	150	10.519	ug/l #	25
48) Methyl methacrylate	9.34	41	20	2.632	ug/l #	17
49) 1,4-Dioxane	9.30	88	24	279.035	ug/l #	1
51) 4-Methyl-2-Pentanone	10.07	43	2371	265.590	ug/l	93
52) Toluene	10.25	92	899	31.392	ug/l	83
53) t-1,3-Dichloropropene	10.47	75	258	16.840	ug/l #	54
54) cis-1,3-Dichloropropene	9.92	75	221	12.204	ug/l #	70
55) 1,1,2-Trichloroethane	10.64	97	76	8.474	ug/l #	44
56) Ethyl methacrylate	10.52	69	295	22.994	ug/l #	46
57) 1,3-Dichloropropane	10.79	76	266	17.018	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.78	63	444	85.829	ug/l #	83
59) 2-Hexanone	10.84	43	1205	185.239	ug/l	100
60) Dibromochloromethane	10.99	129	74	7.665	ug/l #	10
61) 1,2-Dibromoethane	11.08	107	116	13.724	ug/l #	51
64) Tetrachloroethene	10.71	164	178	6.957	ug/l #	47
65) Chlorobenzene	11.52	112	1114	18.198	ug/l #	36
67) Ethyl Benzene	11.59	91	1271	11.148	ug/l #	62
68) m/p-Xylenes	11.69	106	1242	29.024	ug/l	80
69) o-Xylene	12.02	106	611	15.313	ug/l	76
70) Styrene	12.03	104	1477	21.619	ug/l #	76
71) Bromoform	12.20	173	152	13.064	ug/l #	28
73) Isopropylbenzene	12.33	105	1195	5.165	ug/l	96
74) N-amyl acetate	12.13	43	543	8.431	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.57	83	207	4.540	ug/l #	88
76) 1,2,3-Trichloropropane	12.63	75	368	11.177	ug/l #	100
77) Bromobenzene	12.61	156	540	10.767	ug/l	85
78) n-propylbenzene	12.67	91	2058	7.284	ug/l	94
79) 2-Chlorotoluene	12.75	91	1168	7.483	ug/l	87
80) 1,3,5-Trimethylbenzene	12.80	105	1209	6.311	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.48	75	1493	89.072	ug/l #	19
82) 4-Chlorotoluene	12.85	91	1423	8.849	ug/l	90
83) tert-Butylbenzene	13.06	119	1212	7.525	ug/l	91
84) 1,2,4-Trimethylbenzene	13.12	105	1852	9.662	ug/l	99
85) sec-Butylbenzene	13.25	105	1878	8.017	ug/l	86
86) p-Isopropyltoluene	13.36	119	1581	7.760	ug/l	94
87) 1,3-Dichlorobenzene	13.36	146	1383	14.056	ug/l	94
88) 1,4-Dichlorobenzene	13.45	146	1712	17.573	ug/l	89
89) n-Butylbenzene	13.69	91	1910	9.272	ug/l	99
90) Hexachloroethane	13.95	117	166	4.423	ug/l #	16
91) 1,2-Dichlorobenzene	13.73	146	1560	17.627	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.36	75	60	7.861	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.00	180	1425	23.795	ug/l	95
94) Hexachlorobutadiene	15.10	225	192	6.466	ug/l	93
95) Naphthalene	15.23	128	5238	37.668	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.41	180	1192	22.284	ug/l	93

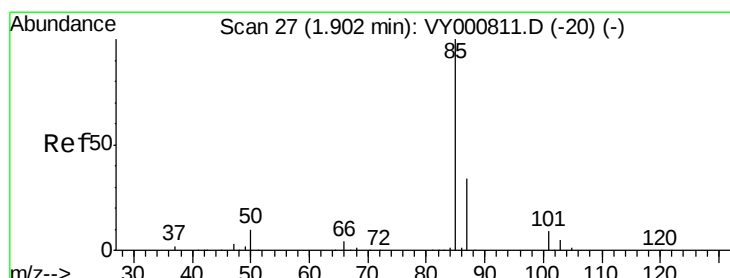
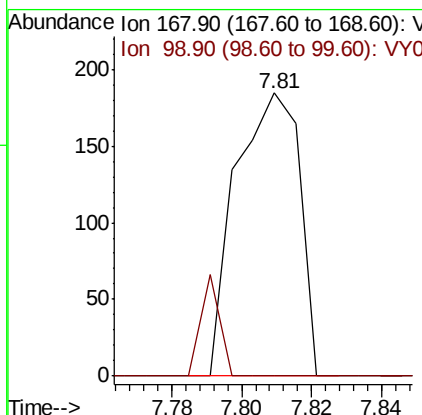
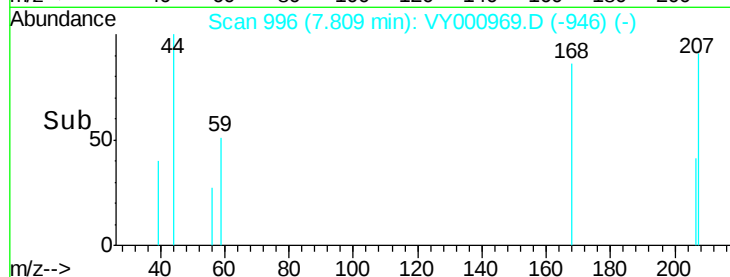
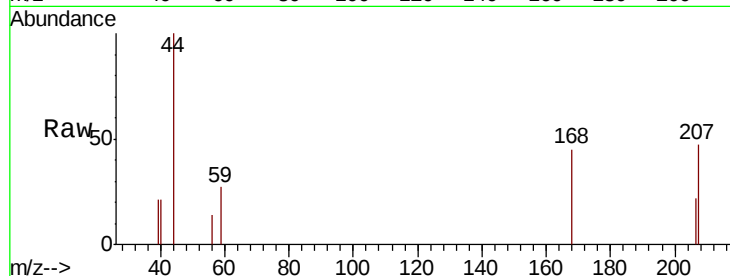
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

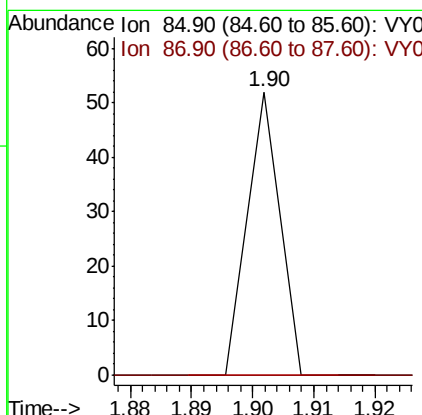
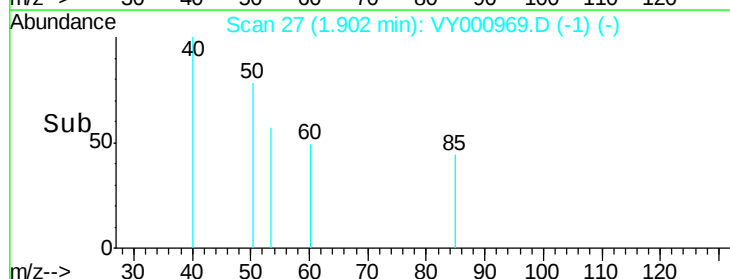
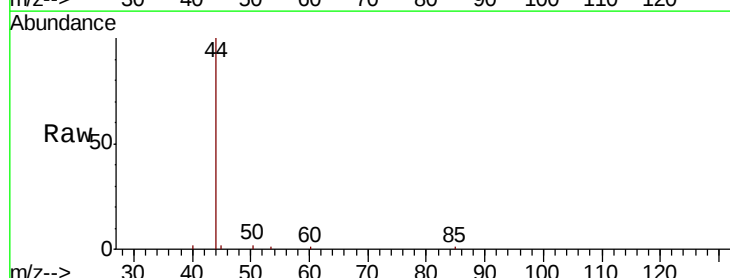
Instrument :
MSVOA_Y
ClientSampleId :
BFB

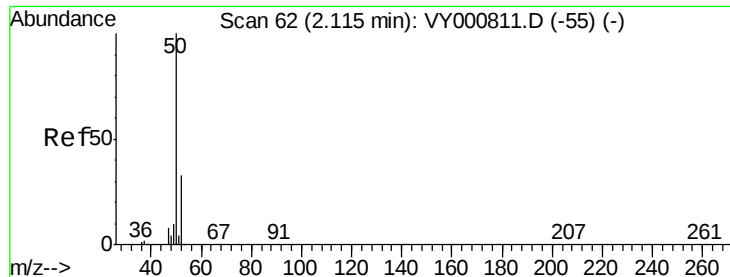
Tgt Ion: 168 Resp: 234
Ion Ratio Lower Upper
168 100
99 0.0 45.0 67.6#



#2
Dichlorodifluoromethane
Concen: 7.543 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.3#





#3

Chloromethane

Concen: 181.641 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

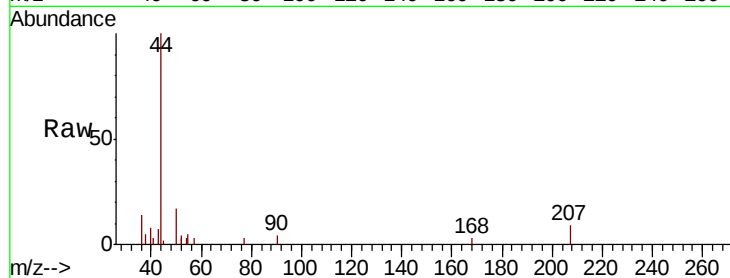
BFB

Tgt Ion: 50 Resp: 564

Ion Ratio Lower Upper

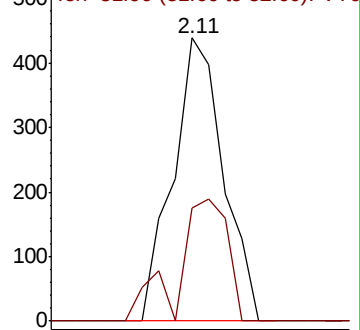
50 100

52 40.2 26.0 39.0#

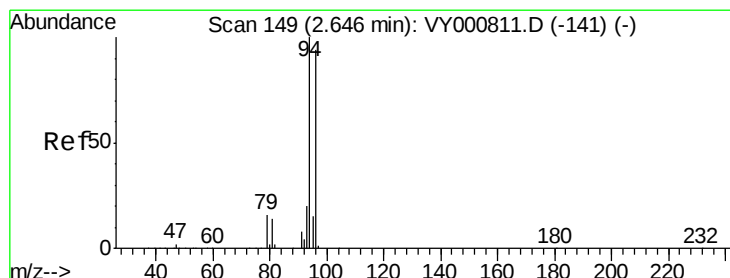
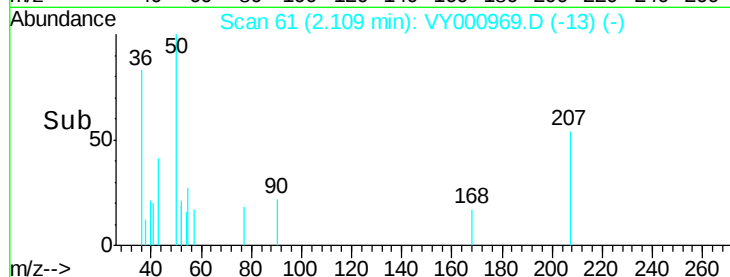


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#5

Bromomethane

Concen: 48.722 ug/l

RT: 2.68 min Scan# 155

Delta R.T. 0.04 min

Lab File: VY000969.D

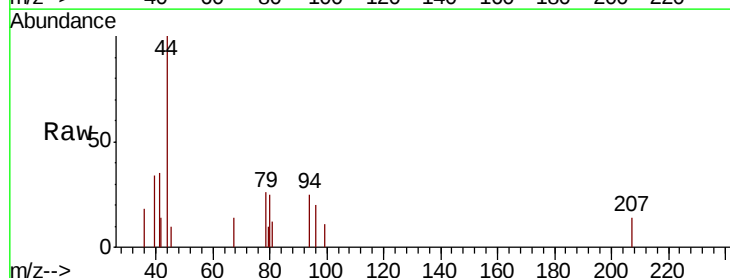
Acq: 16 Dec 2019 20:36

Tgt Ion: 94 Resp: 90

Ion Ratio Lower Upper

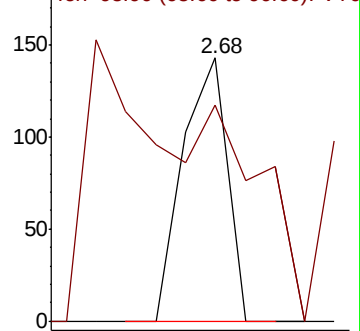
94 100

96 23.1 75.2 112.8#

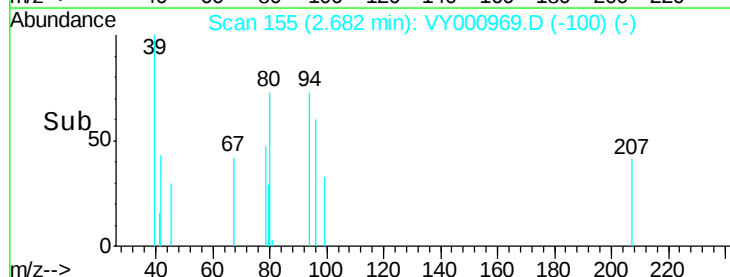


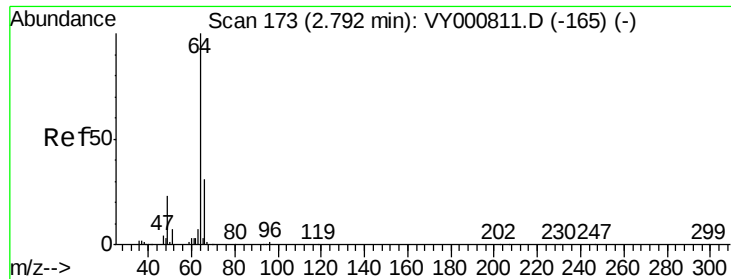
Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



Time-->





#6

Chloroethane

Concen: 10.127 ug/l

RT: 2.69 min Scan# 157

Delta R.T. -0.10 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

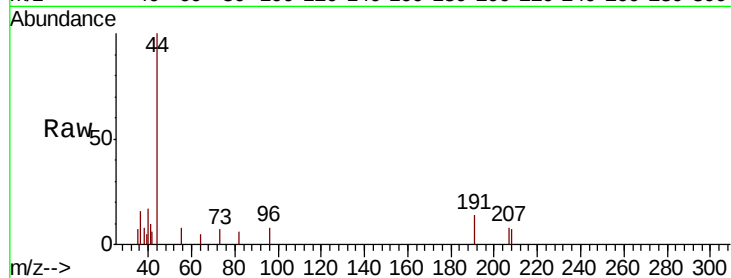
BFB

Tgt Ion: 64 Resp: 19

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#

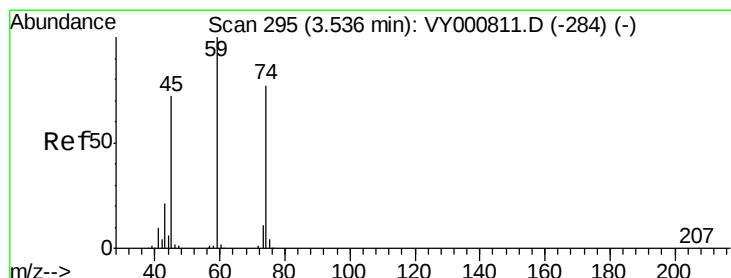
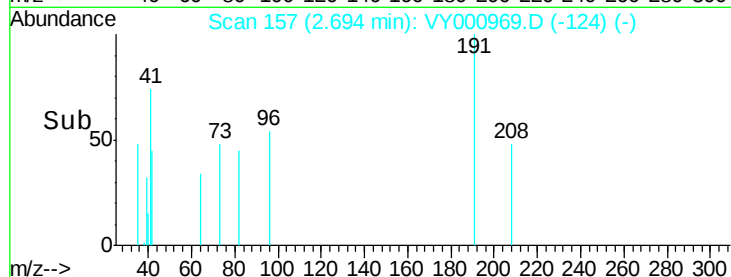


Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.69

Time--> 2.67 2.68 2.69 2.70 2.71



#8

Diethyl Ether

Concen: 26.608 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY000969.D

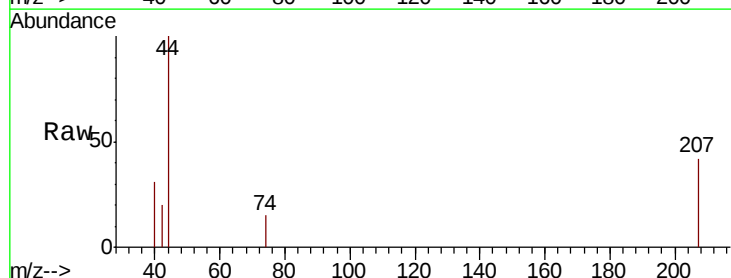
Acq: 16 Dec 2019 20:36

Tgt Ion: 74 Resp: 42

Ion Ratio Lower Upper

74 100

45 0.0 49.0 147.0#

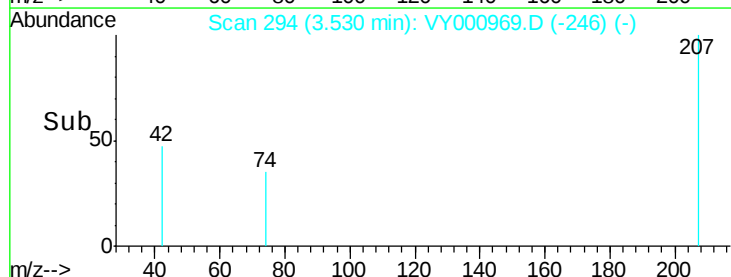


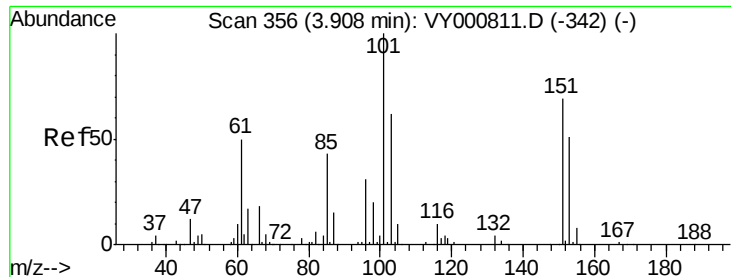
Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

3.53

Time--> 3.52 3.53 3.54 3.55





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.287 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

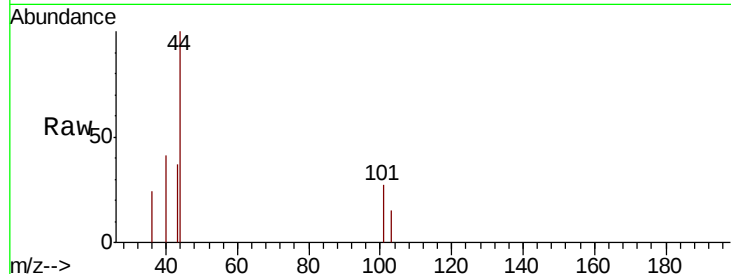
Instrument :

MSVOA_Y

ClientSampled :

BFB

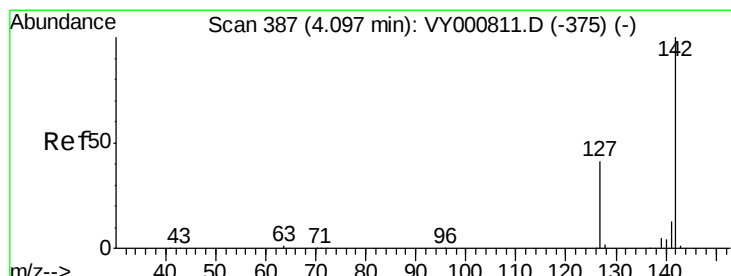
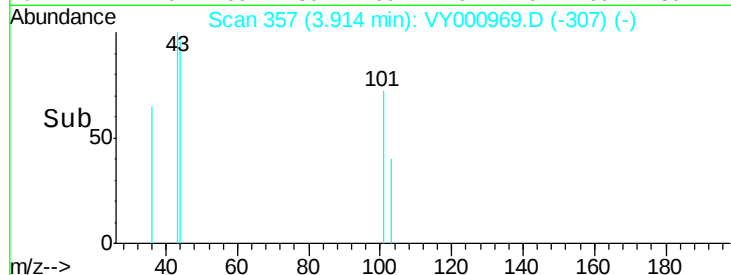
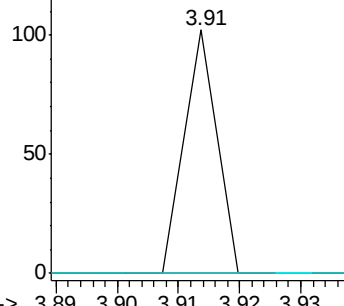
Tgt Ion:	101	Resp:	37
Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.0	54.0#
151	0.0	58.2	87.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.054 ug/l

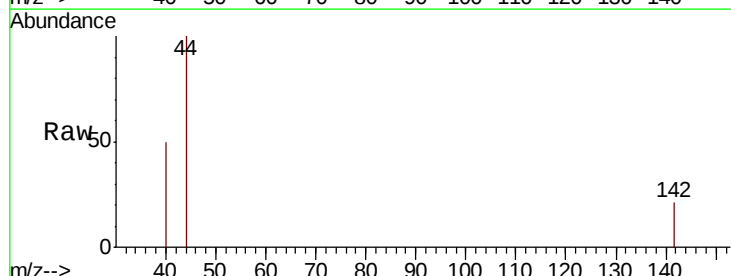
RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

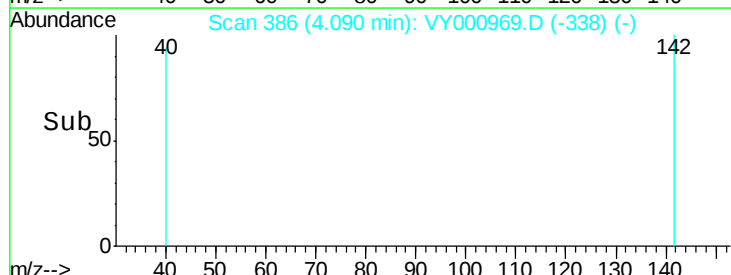
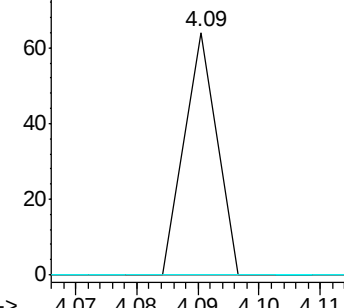
Tgt Ion:	142	Resp:	23
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.8	50.8#
141	0.0	10.9	16.3#

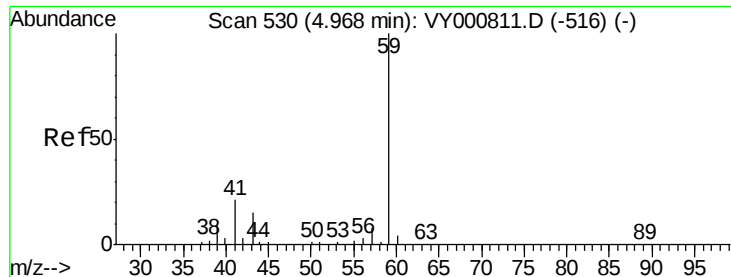


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

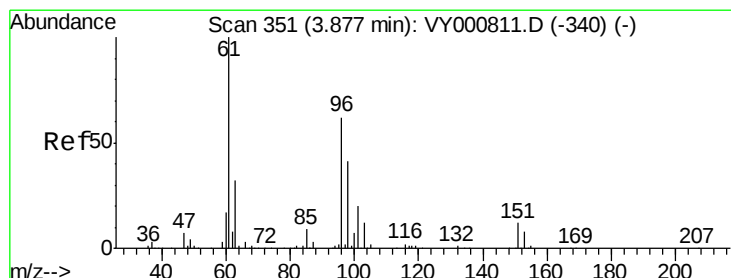
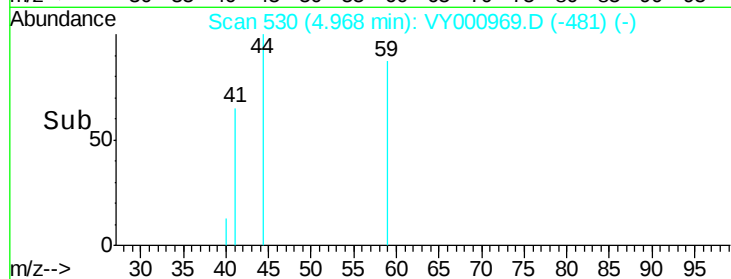
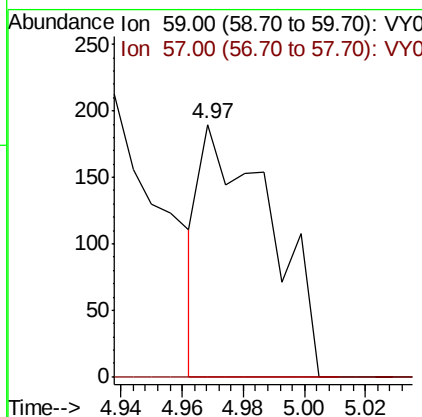
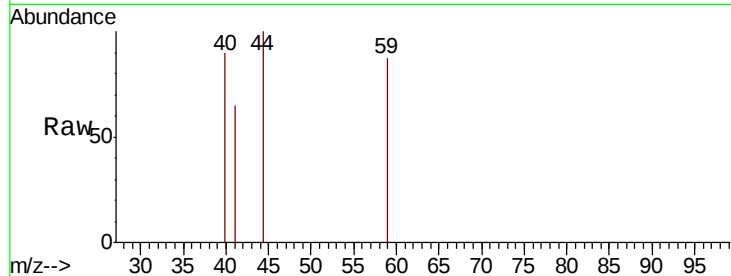




#11
Tert butyl alcohol
Concen: 1199.254 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

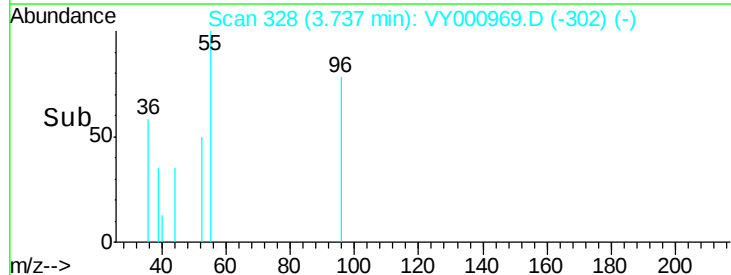
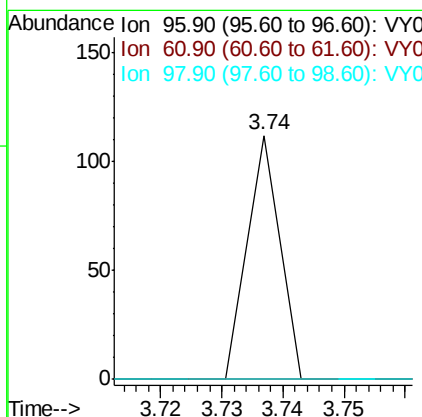
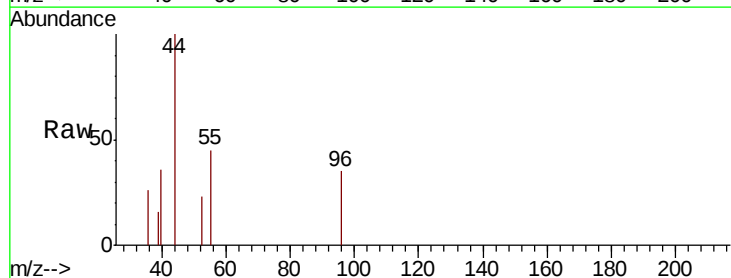
Instrument :
MSVOA_Y
ClientSampleId :
BFB

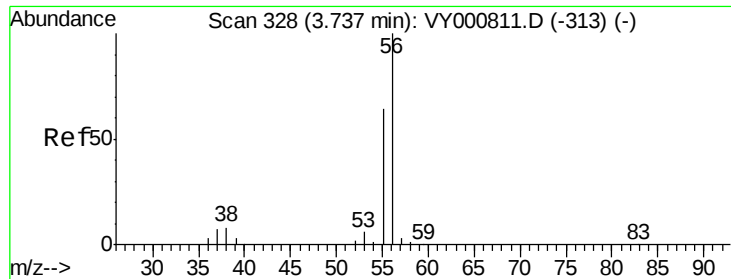
Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 15.980 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.14 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 96 Resp: 41
Ion Ratio Lower Upper
96 100
61 0.0 129.4 194.2#
98 0.0 53.4 80.0#

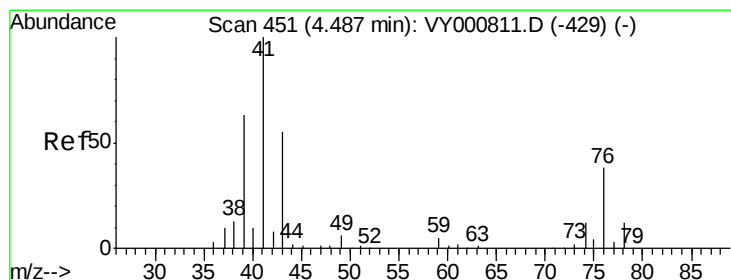
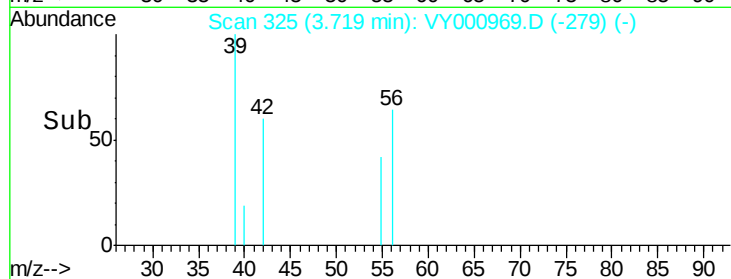
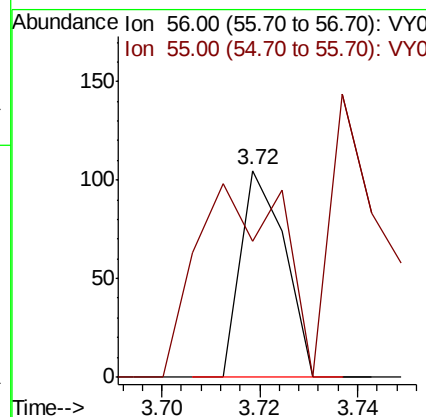
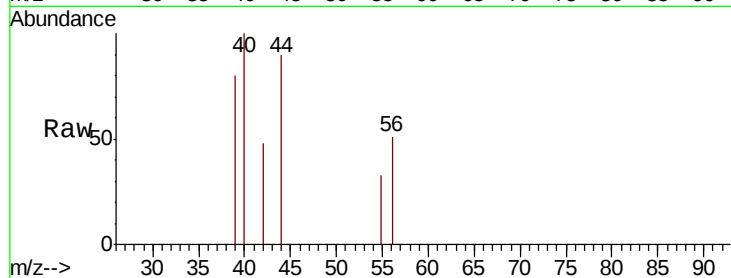




#13
 Acrolein
 Concen: 263.777 ug/l
 RT: 3.72 min Scan# 325
 Delta R.T. -0.02 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

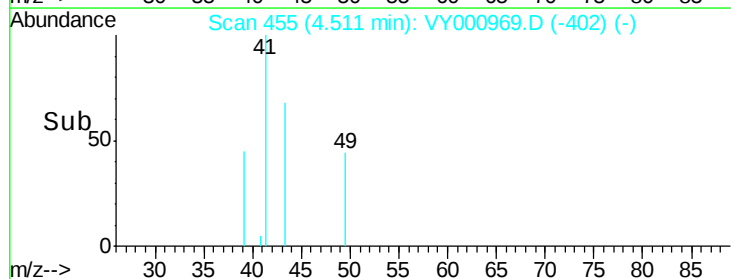
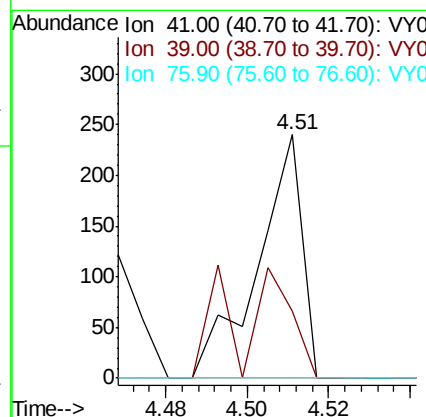
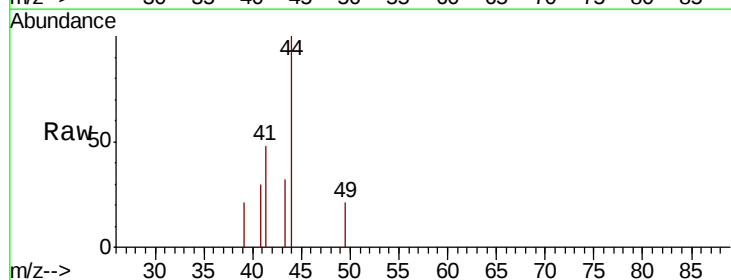
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

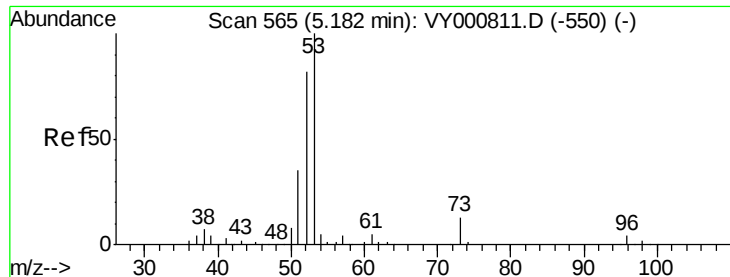
Tgt Ion: 56 Resp: 65
 Ion Ratio Lower Upper
 56 100
 55 183.1 55.7 83.5#



#14
 Allyl chloride
 Concen: 41.371 ug/l
 RT: 4.51 min Scan# 455
 Delta R.T. 0.02 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion: 41 Resp: 182
 Ion Ratio Lower Upper
 41 100
 39 22.5 49.2 73.8#
 76 0.0 29.2 43.8#

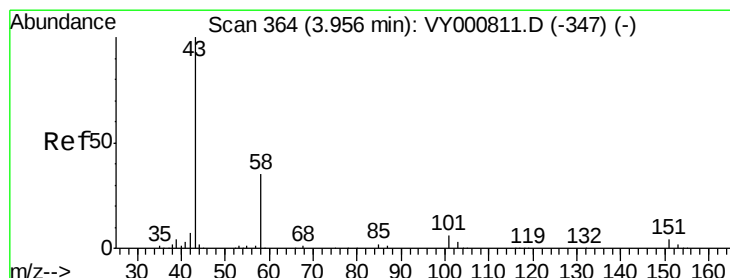
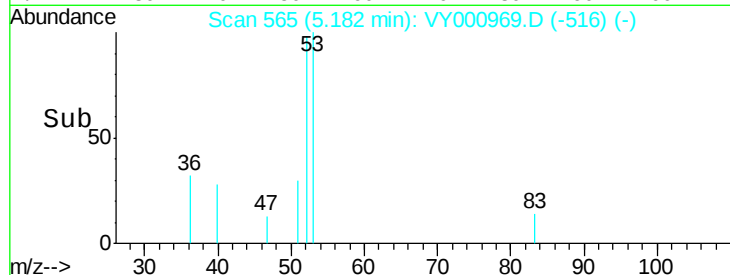
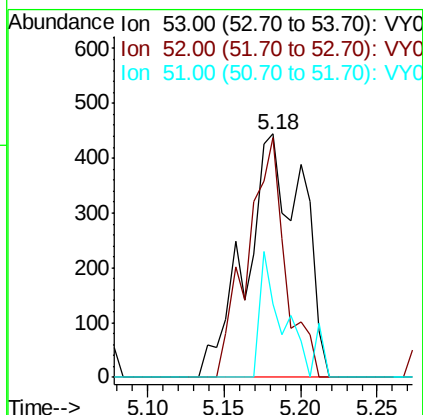
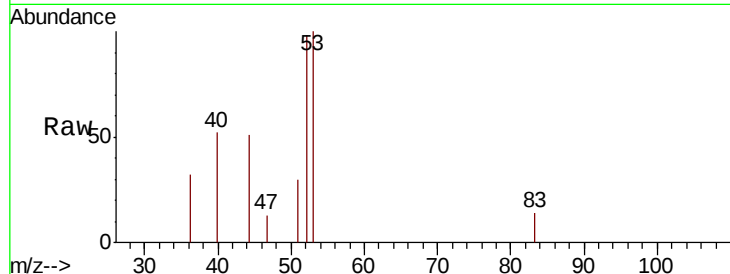




#15
 Acrylonitrile
 Concen: 1382.707 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

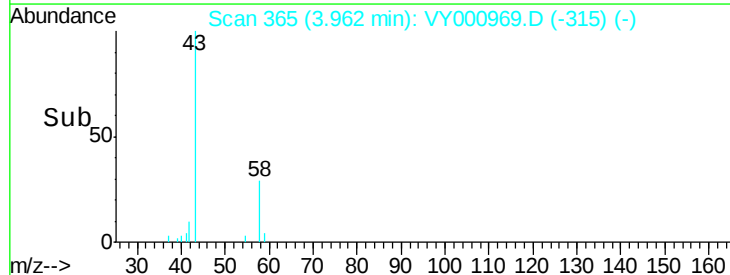
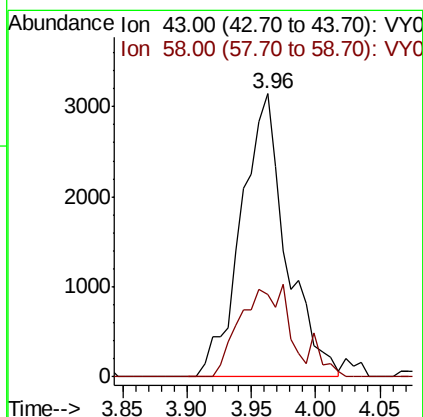
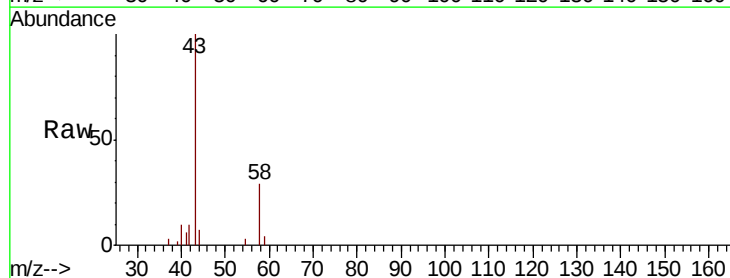
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

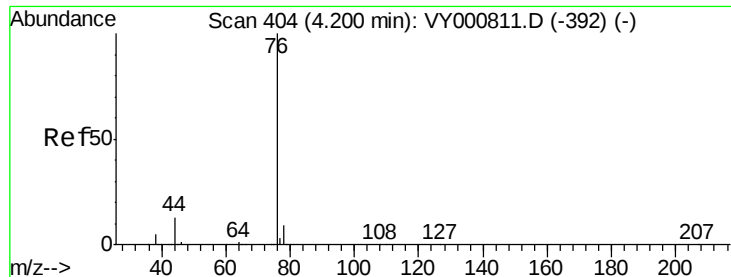
Tgt Ion: 53 Resp: 1127
 Ion Ratio Lower Upper
 53 100
 52 67.0 65.1 97.7
 51 20.1 29.0 43.4#



#16
 Acetone
 Concen: 13336.531 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion: 43 Resp: 7607
 Ion Ratio Lower Upper
 43 100
 58 29.3 28.0 42.0





#17

Carbon Disulfide

Concen: 39.286 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

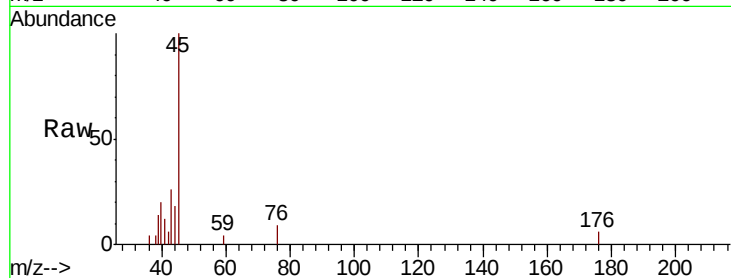
BFB

Tgt Ion: 76 Resp: 326

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

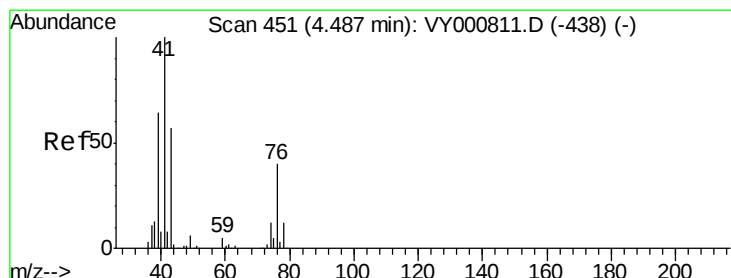
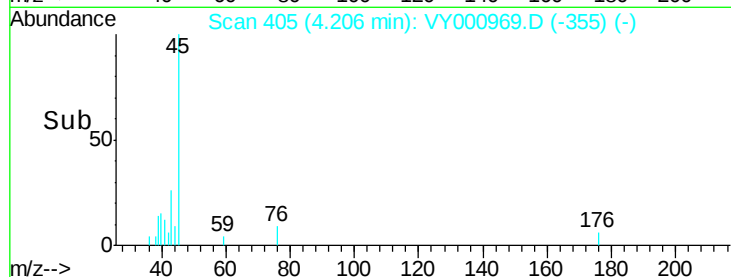
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: 266.670 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000969.D

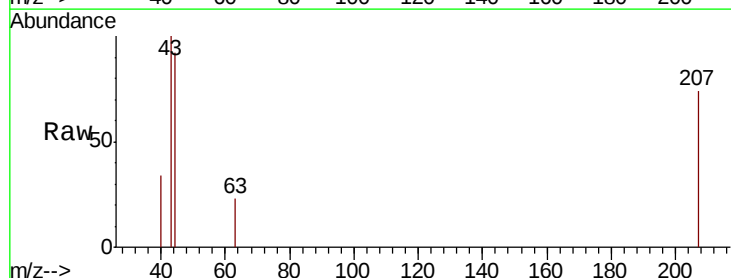
Acq: 16 Dec 2019 20:36

Tgt Ion: 43 Resp: 636

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

300

250

200

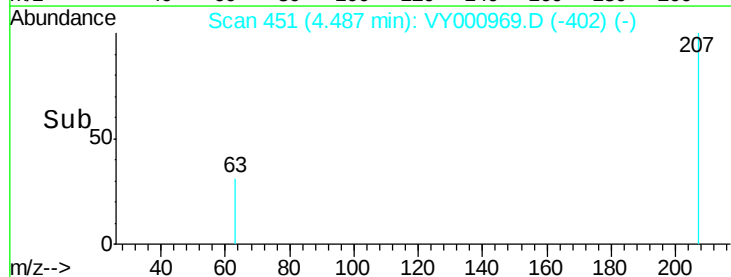
150

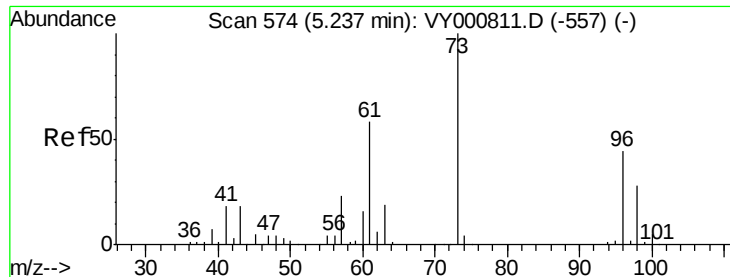
100

50

0

Time-->

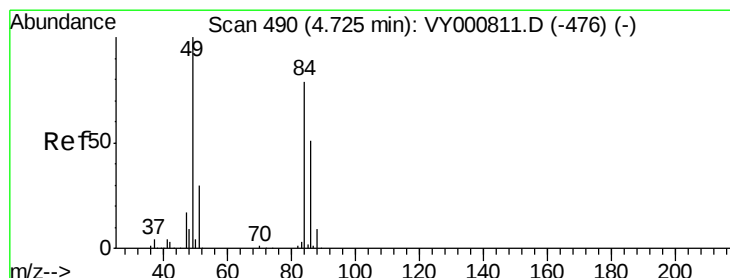
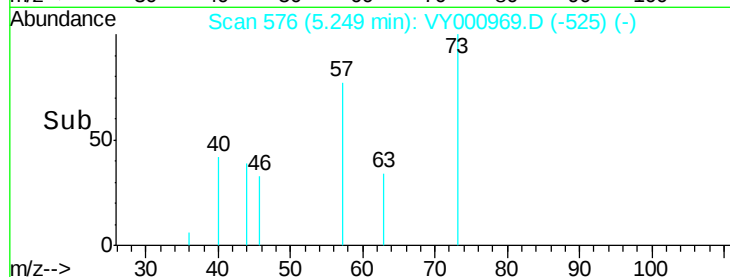
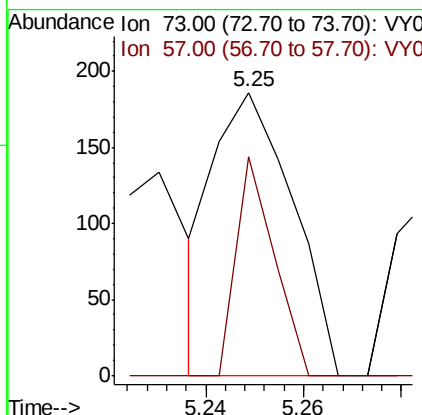
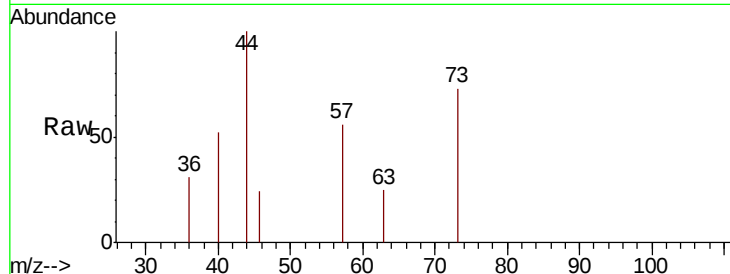




#19
Methyl tert-butyl Ether
Concen: 30.356 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

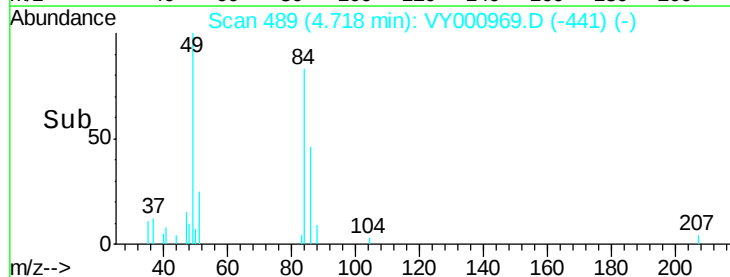
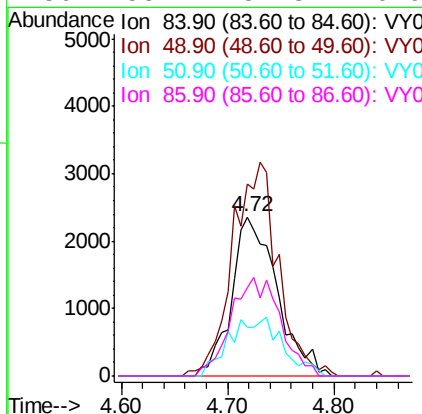
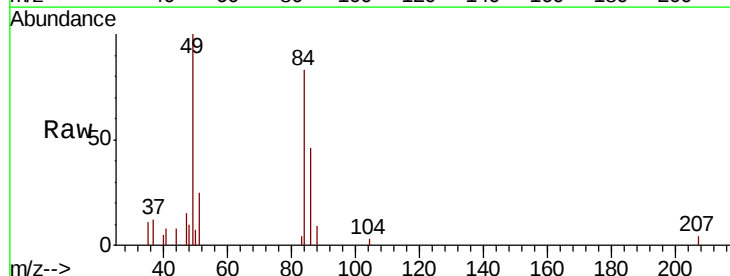
Instrument :
MSVOA_Y
ClientSampled :
BFB

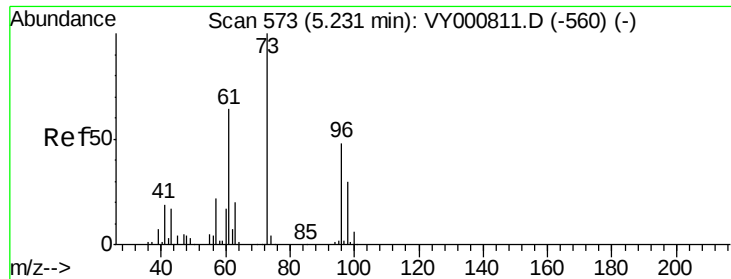
Tgt Ion: 73 Resp: 208
Ion Ratio Lower Upper
73 100
57 77.4 18.2 27.4#



#20
Methylene Chloride
Concen: 2349.473 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 84 Resp: 7064
Ion Ratio Lower Upper
84 100
49 120.7 101.3 151.9
51 30.5 30.6 45.8#
86 55.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.117 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

BFB

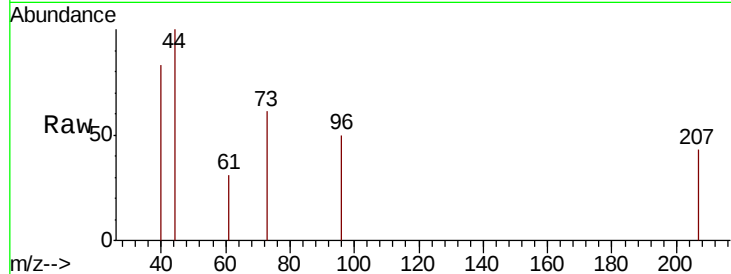
Tgt Ion: 96 Resp: 47

Ion Ratio Lower Upper

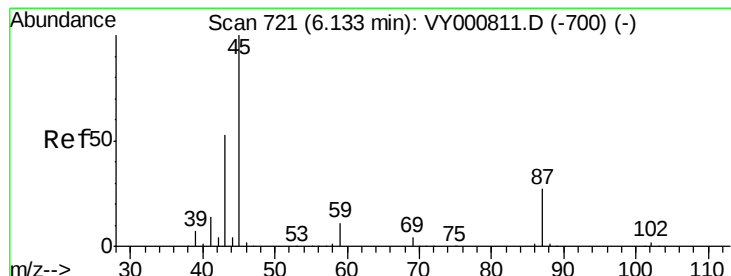
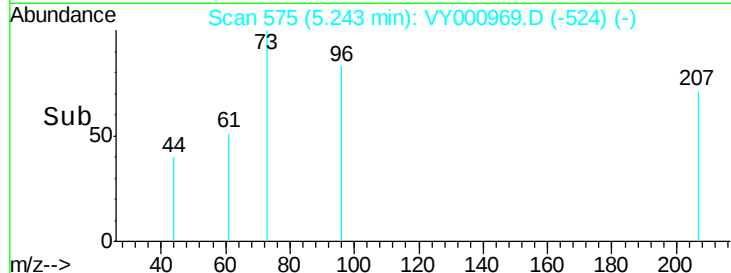
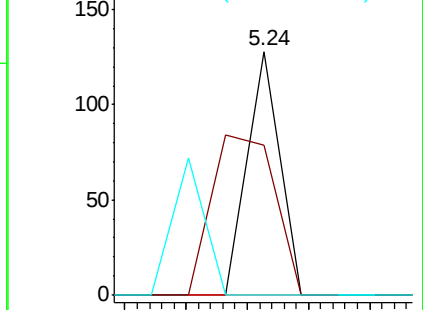
96 100

61 61.7 105.9 158.9#

98 0.0 49.4 74.2#



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



#22

Diisopropyl ether

Concen: 44.349 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Tgt Ion: 45 Resp: 401

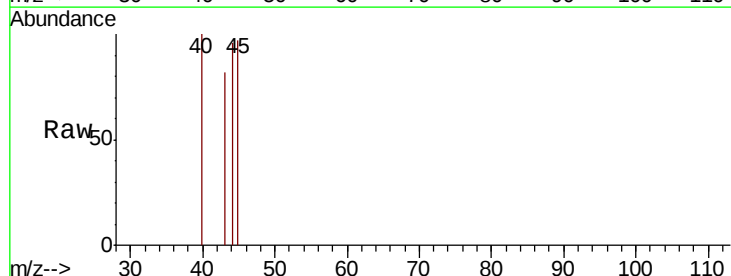
Ion Ratio Lower Upper

45 100

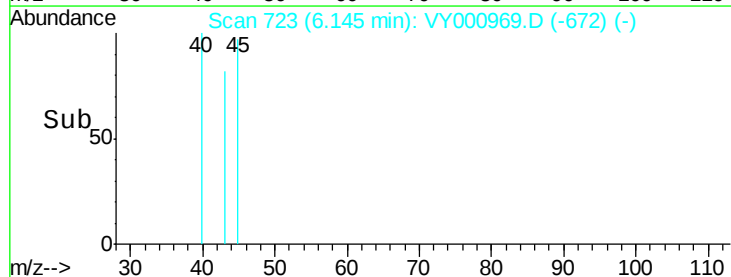
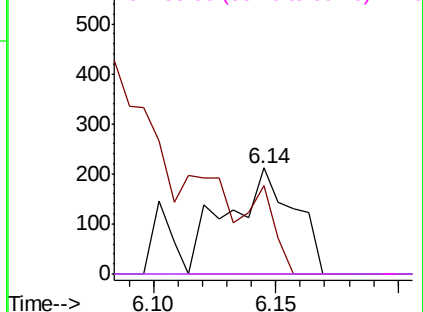
43 83.9 42.7 64.1#

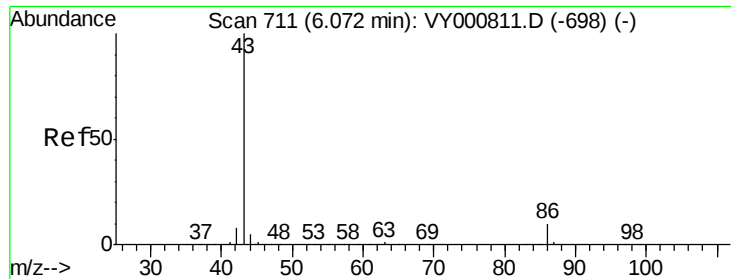
87 0.0 22.0 33.0#

59 0.0 8.9 13.3#



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 249.051 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

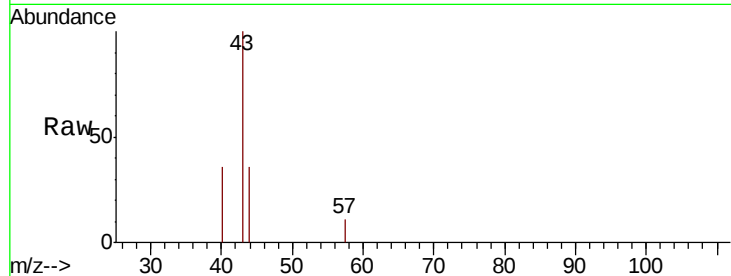
BFB

Tgt Ion: 43 Resp: 1369

Ion Ratio Lower Upper

43 100

86 0.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600

500

400

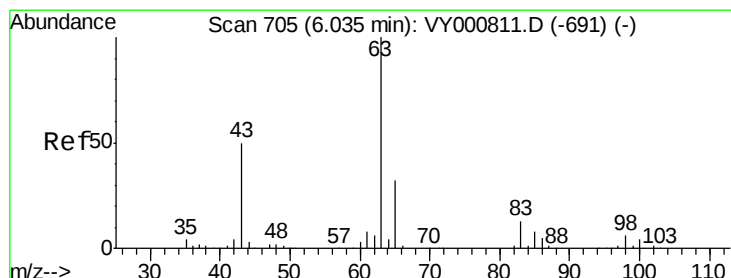
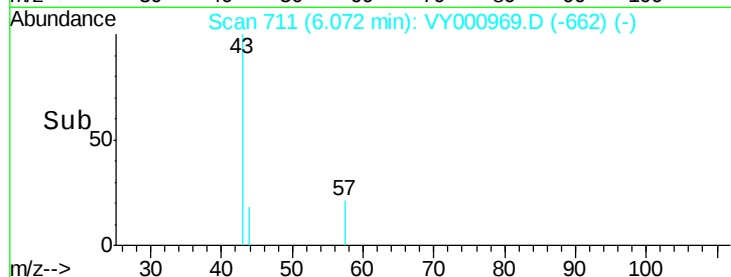
300

200

100

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.257 ug/l

RT: 6.19 min Scan# 731

Delta R.T. 0.16 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

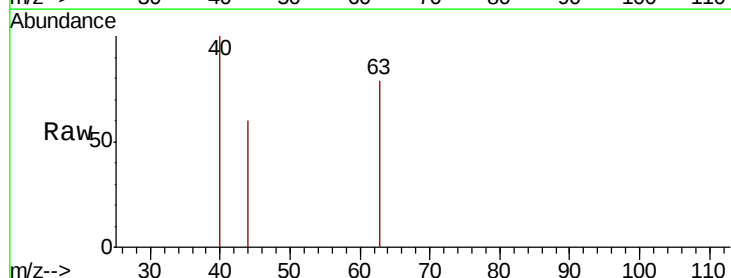
Tgt Ion: 63 Resp: 86

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.2 6.6#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

200

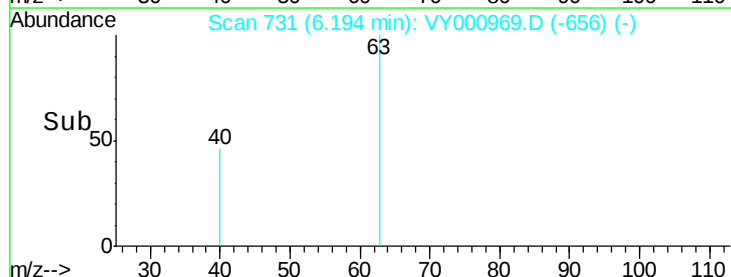
150

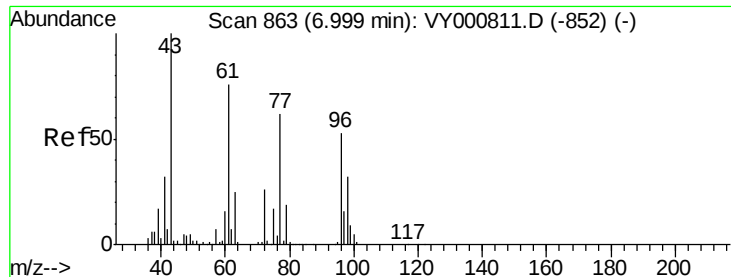
100

50

0

Time-->





#25

2-Butanone

Concen: 2985.786 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

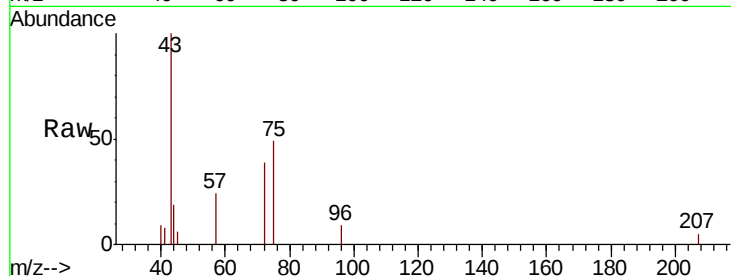
BFB

Tgt Ion: 43 Resp: 3146

Ion Ratio Lower Upper

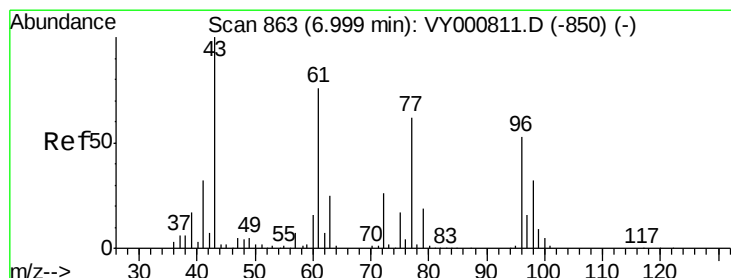
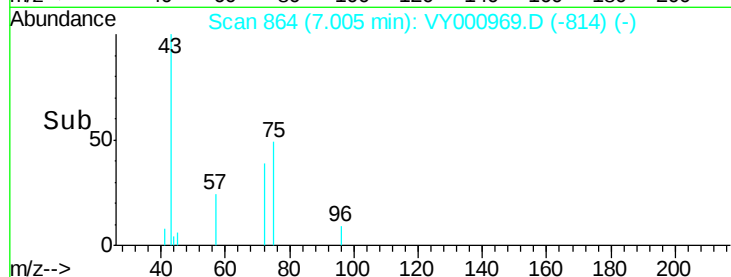
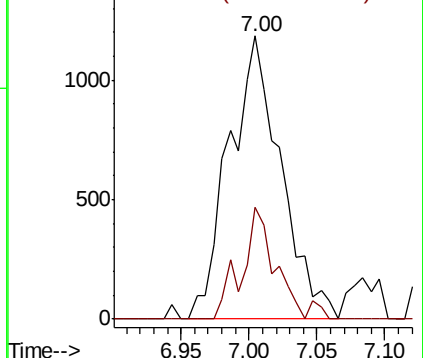
43 100

72 39.4 21.0 31.4#



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: 111.349 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

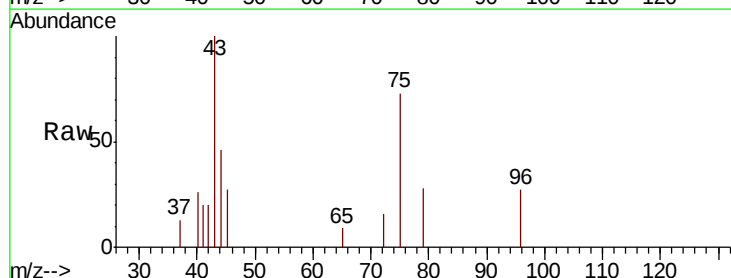
Tgt Ion: 96 Resp: 351

Ion Ratio Lower Upper

96 100

61 0.0 0.0 285.0

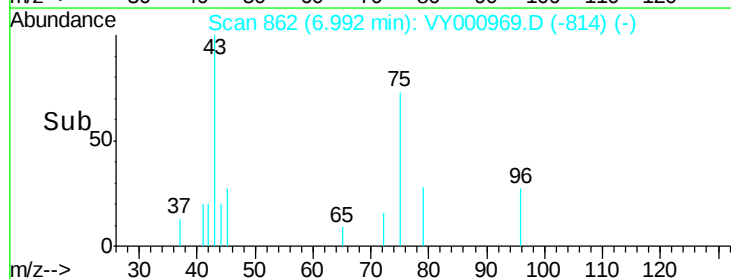
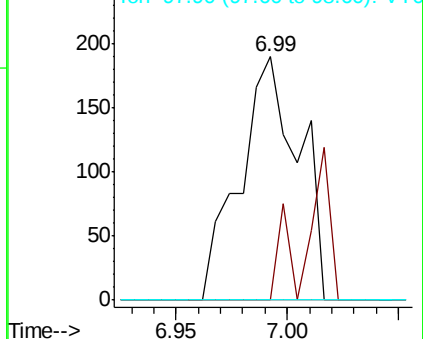
98 0.0 0.0 128.0

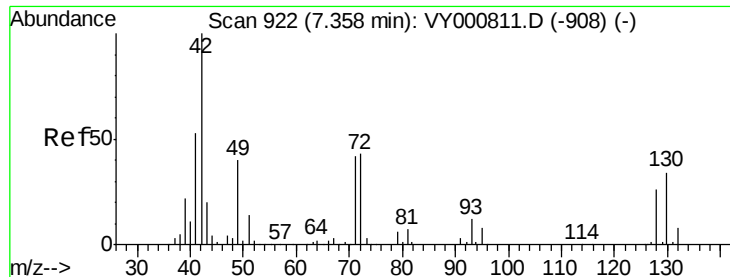


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#29

Tetrahydrofuran

Concen: 867.933 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

BFB

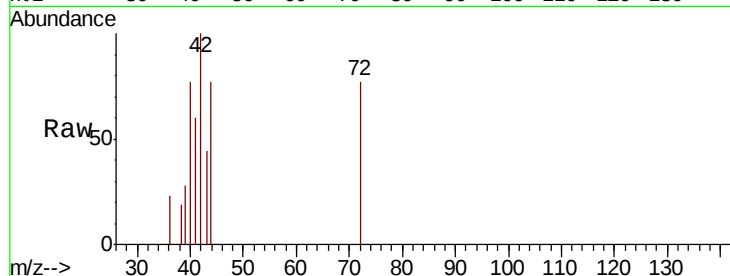
Tgt Ion: 42 Resp: 606

Ion Ratio Lower Upper

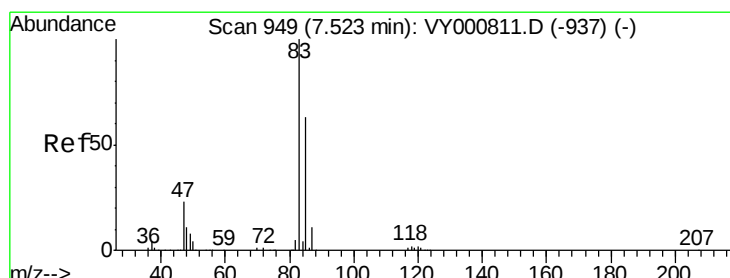
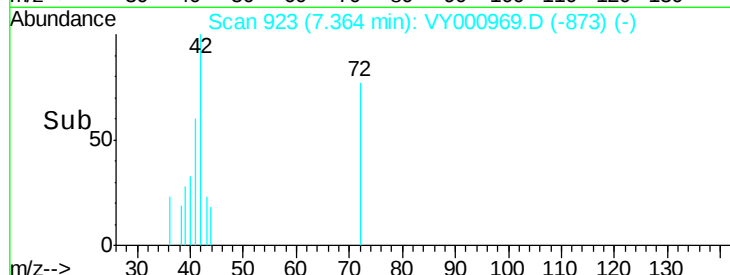
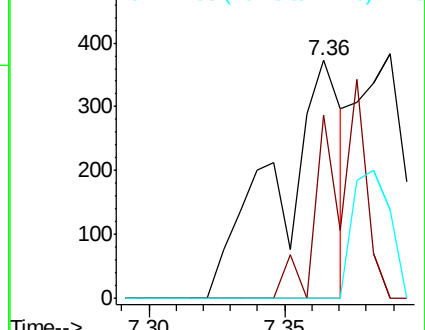
42 100

72 52.6 35.1 52.7

71 31.7 32.8 49.2#



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



#30

Chloroform

Concen: 33.205 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY000969.D

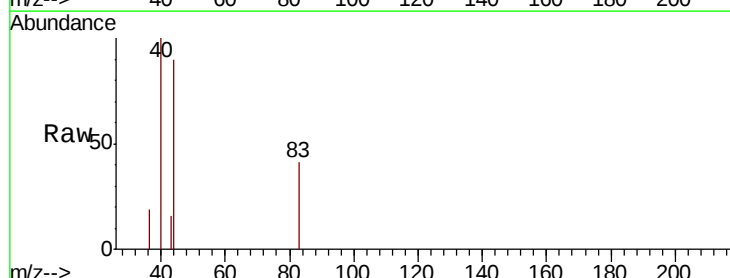
Acq: 16 Dec 2019 20:36

Tgt Ion: 83 Resp: 166

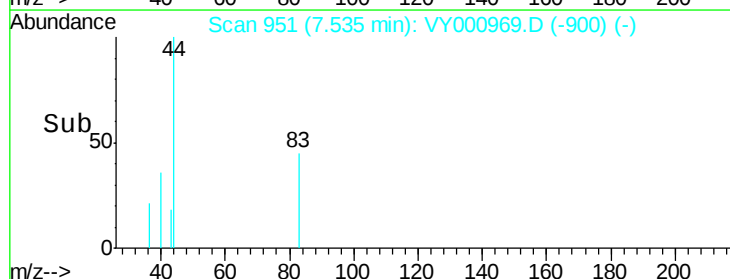
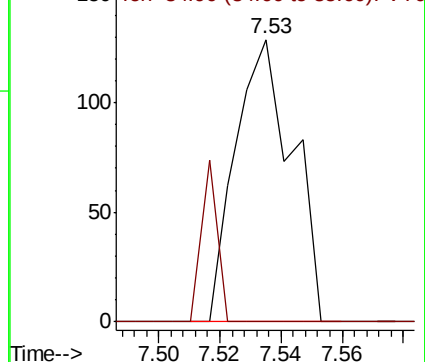
Ion Ratio Lower Upper

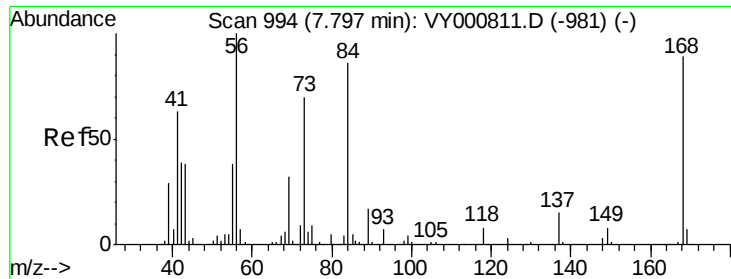
83 100

85 0.0 50.4 75.6#



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

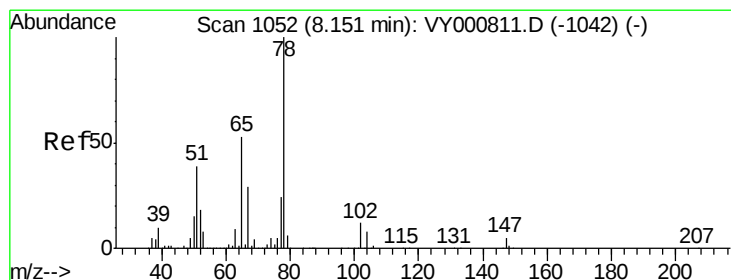
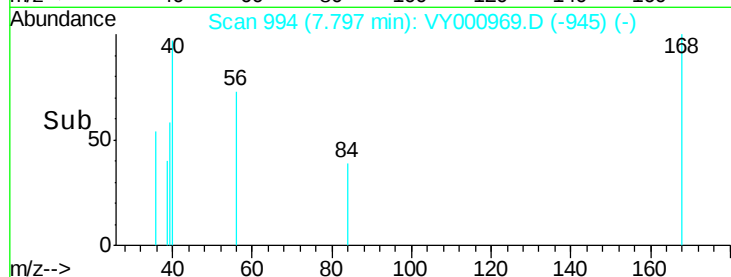
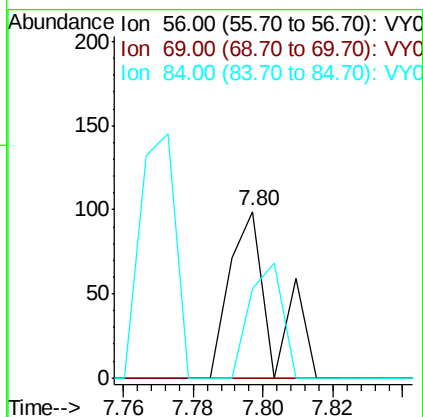
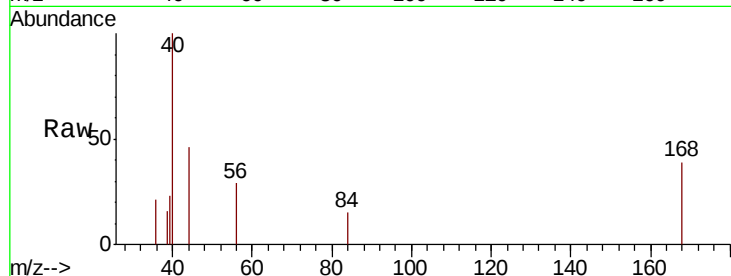




#31
Cyclohexane
Concen: 15.911 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

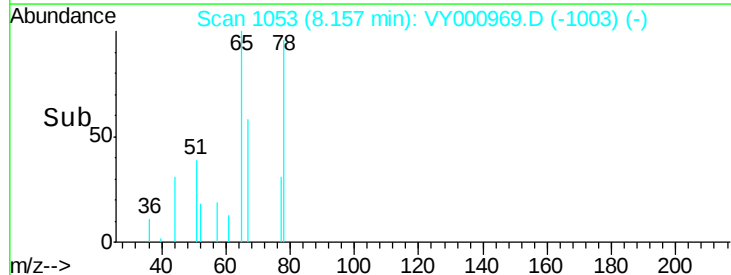
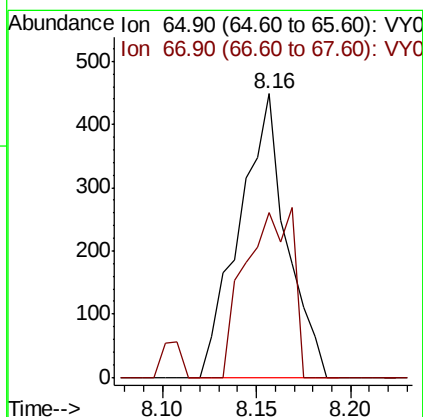
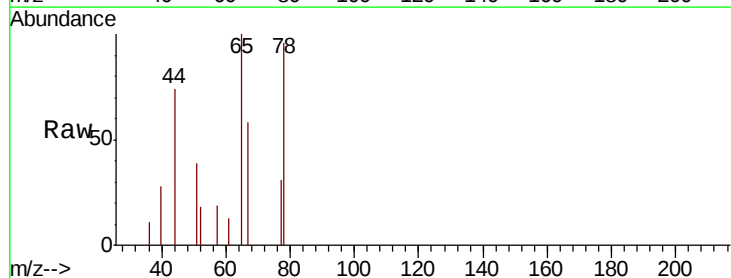
Instrument :
MSVOA_Y
ClientSampleId :
BFB

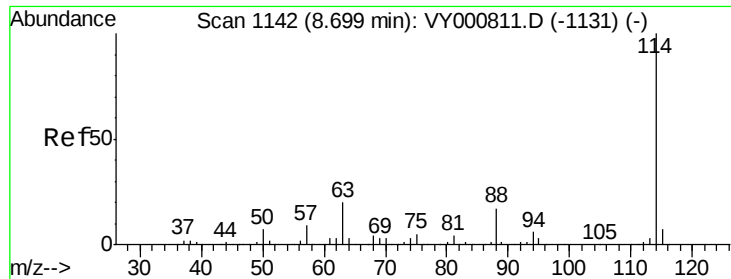
Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
69 0.0 25.9 38.9#
84 53.5 68.6 102.8#



#33
1,2-Dichloroethane-d4
Concen: 313.298 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 65 Resp: 779
Ion Ratio Lower Upper
65 100
67 60.2 0.0 112.0

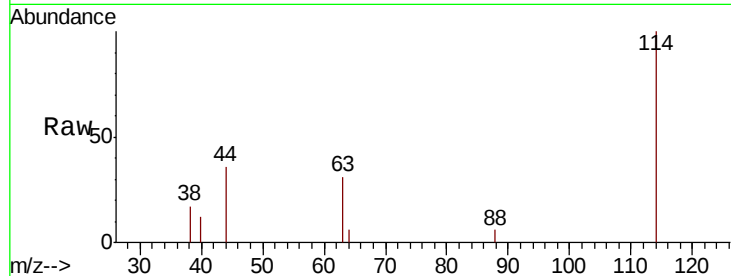




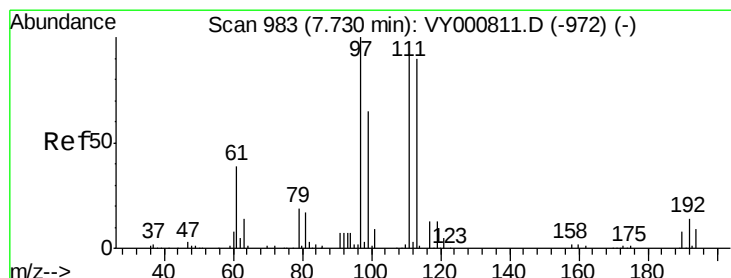
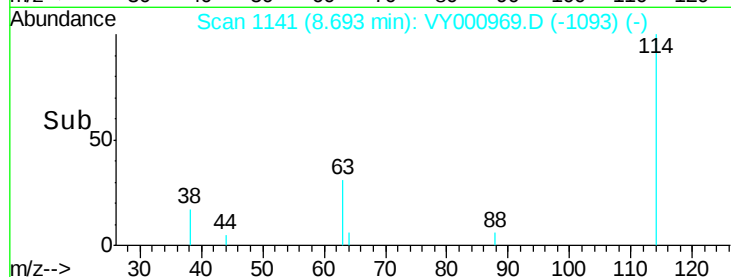
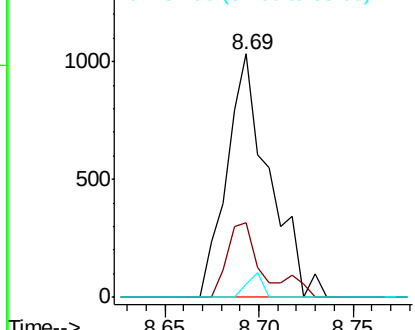
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Tgt Ion:114 Resp: 1597
 Ion Ratio Lower Upper
 114 100
 63 30.6 0.0 39.8
 88 5.5 0.0 33.2

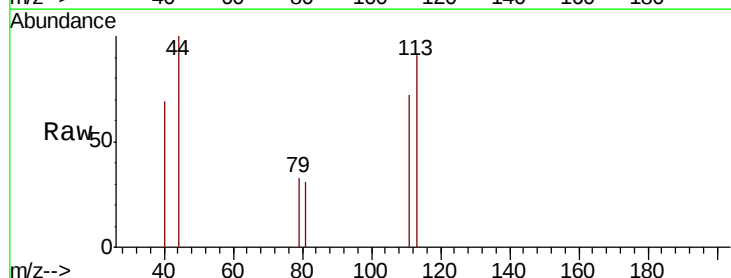


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

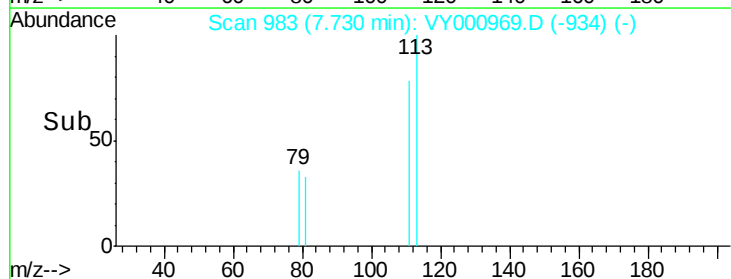
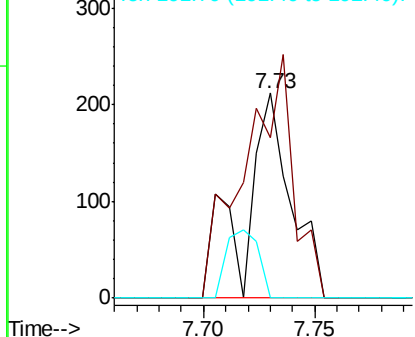


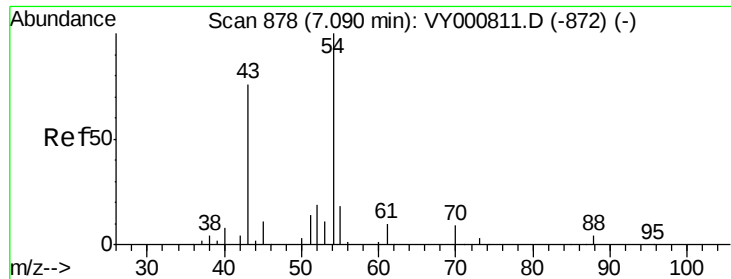
#35
 Dibromofluoromethane
 Concen: 32.985 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion:113 Resp: 307
 Ion Ratio Lower Upper
 113 100
 111 126.7 82.4 123.6#
 192 22.8 14.2 21.2#



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

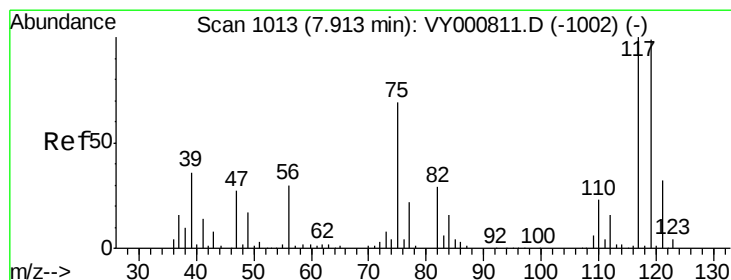
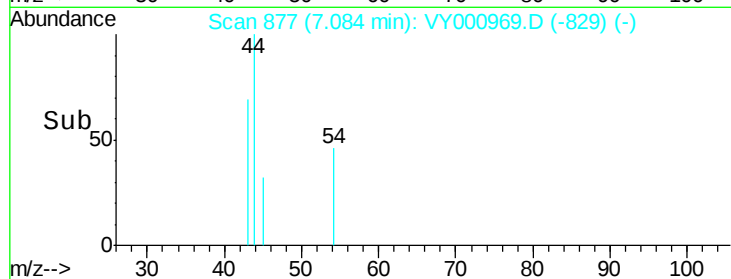
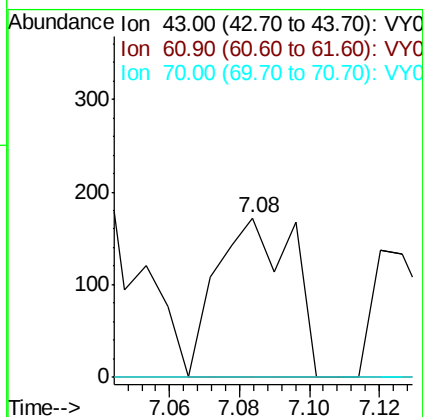
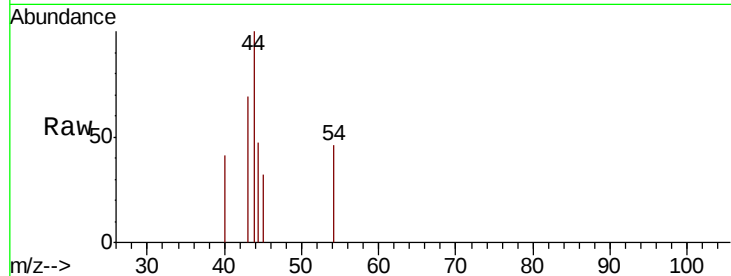




#37
Ethyl Acetate
Concen: 28.139 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

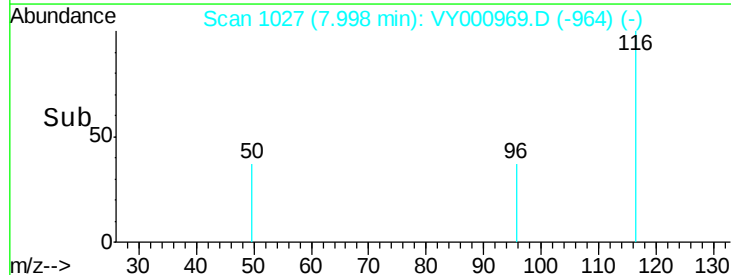
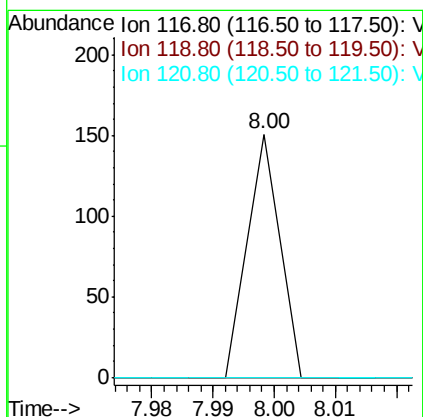
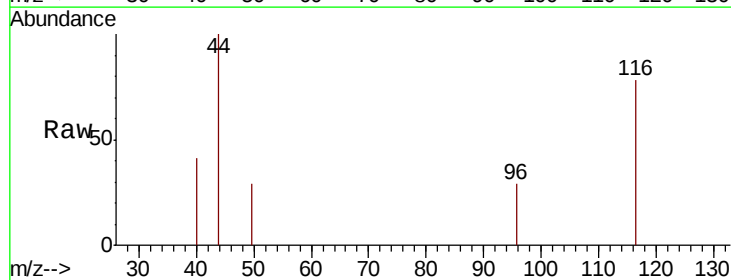
Instrument :
MSVOA_Y
ClientSampled :
BFB

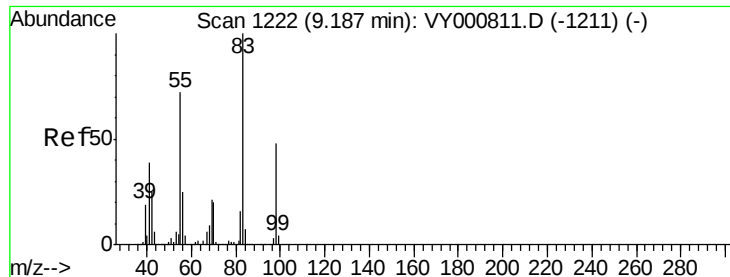
Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 3.889 ug/l
RT: 8.00 min Scan# 1027
Delta R.T. 0.09 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 117 Resp: 55
Ion Ratio Lower Upper
117 100
119 0.0 79.3 118.9#
121 0.0 25.5 38.3#

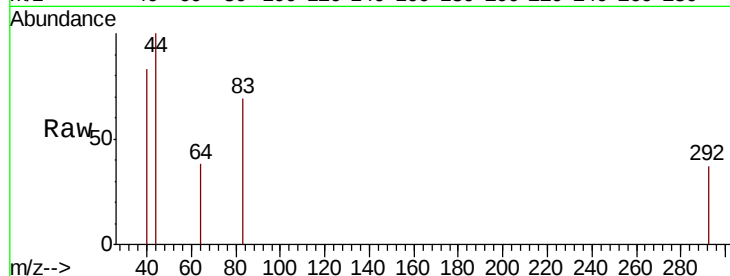




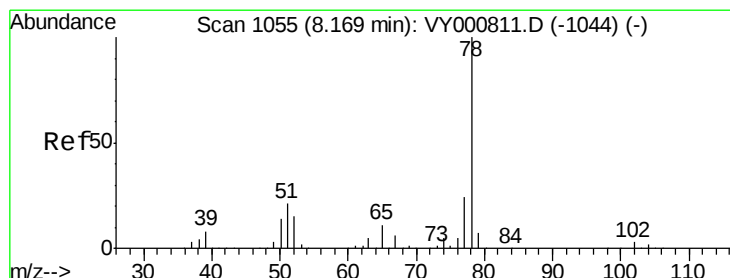
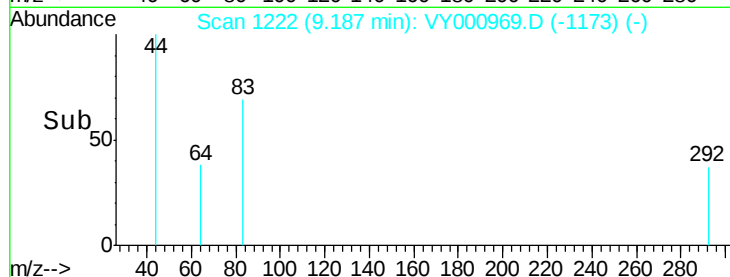
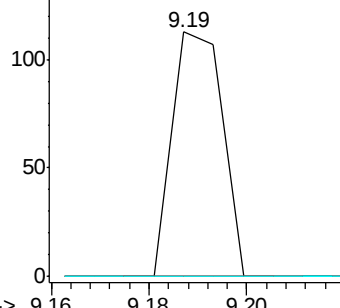
#39
Methylcyclohexane
Concen: 3.803 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Instrument :
MSVOA_Y
ClientSampled :
BFB

Tgt Ion: 83 Resp: 80
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.0 38.6 58.0#

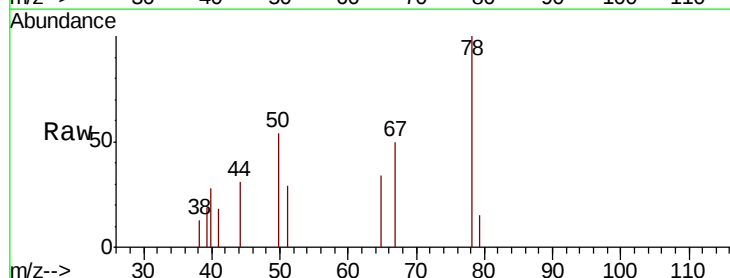


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

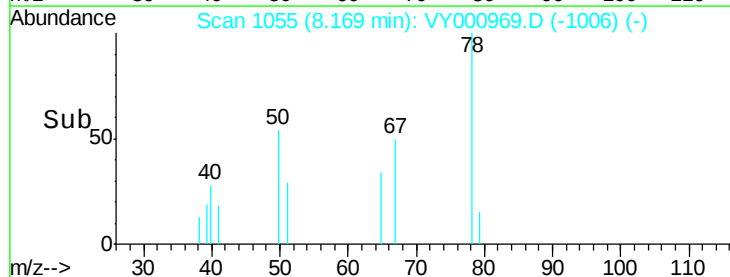
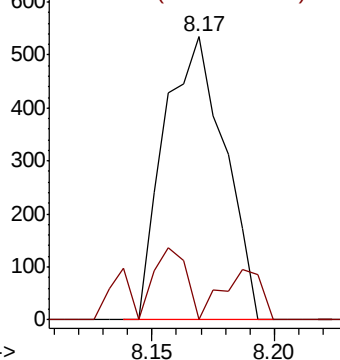


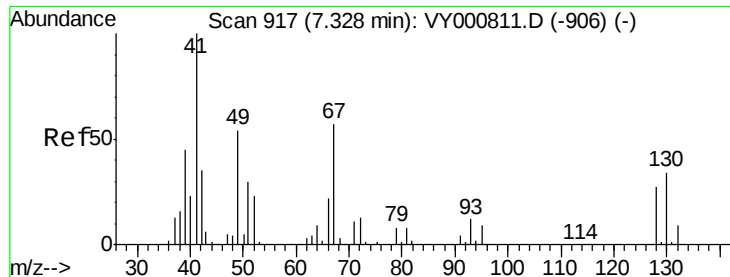
#40
Benzene
Concen: 19.934 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 78 Resp: 922
Ion Ratio Lower Upper
78 100
77 0.0 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 136.784 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.03 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

BFB

Tgt Ion: 41 Resp: 661

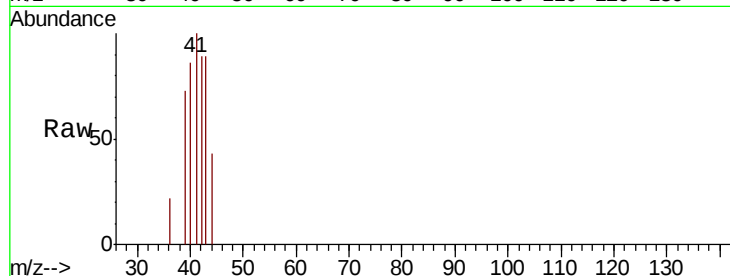
Ion Ratio Lower Upper

41 100

39 0.0 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

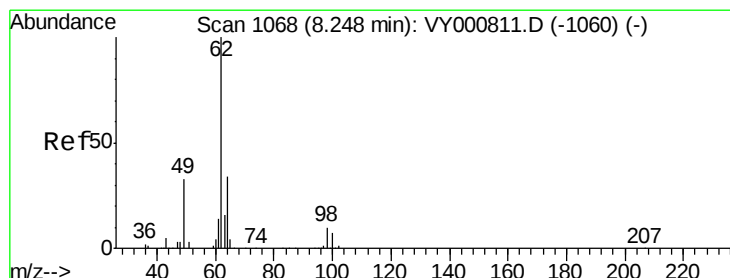
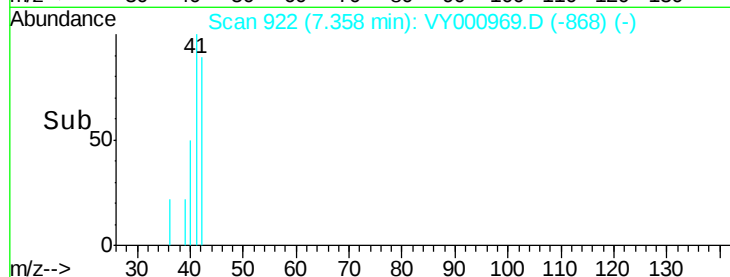
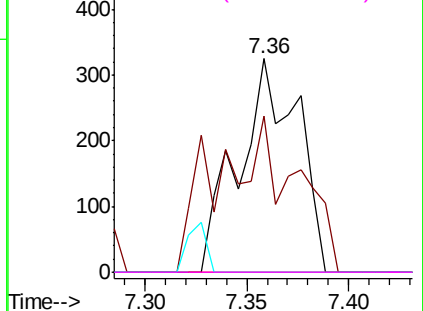


Abundance Ion 41.00 (40.70 to 41.70): VY0

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



#42

1,2-Dichloroethane

Concen: 8.303 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VY000969.D

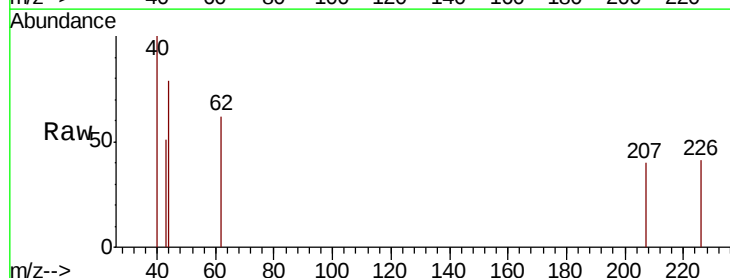
Acq: 16 Dec 2019 20:36

Tgt Ion: 62 Resp: 101

Ion Ratio Lower Upper

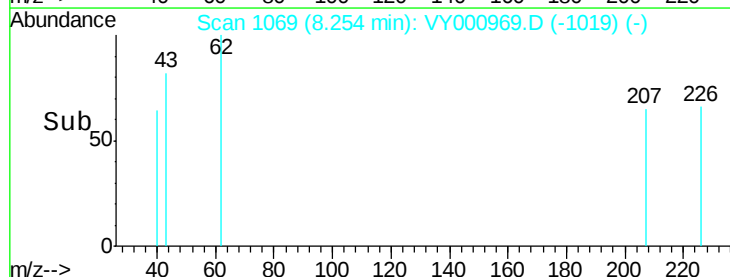
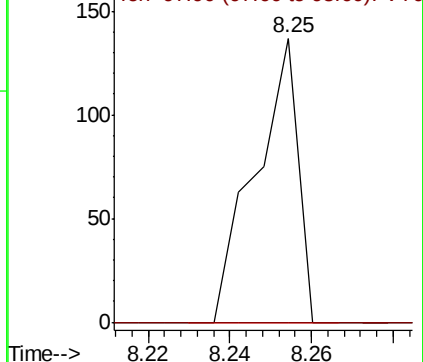
62 100

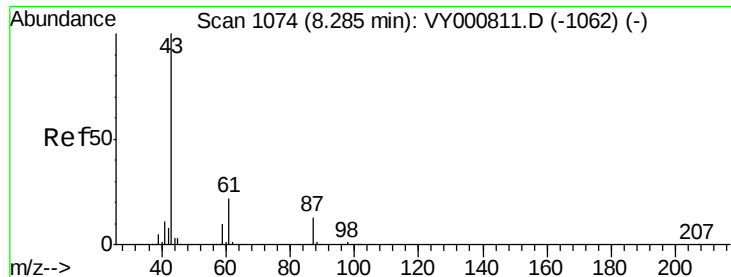
98 0.0 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.993 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

BFB

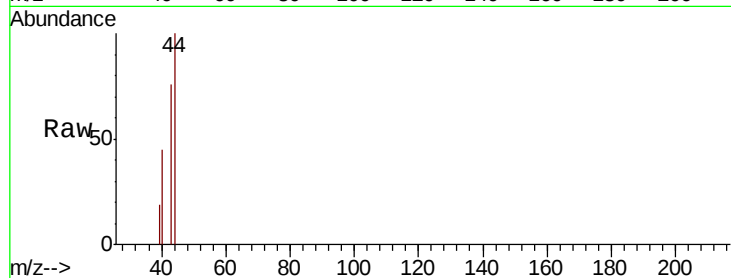
Tgt Ion: 43 Resp: 380

Ion Ratio Lower Upper

43 100

61 0.0 23.7 35.5#

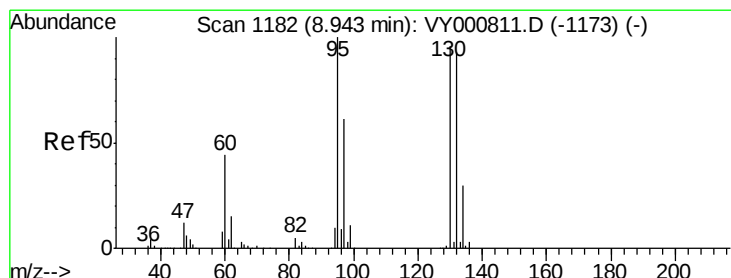
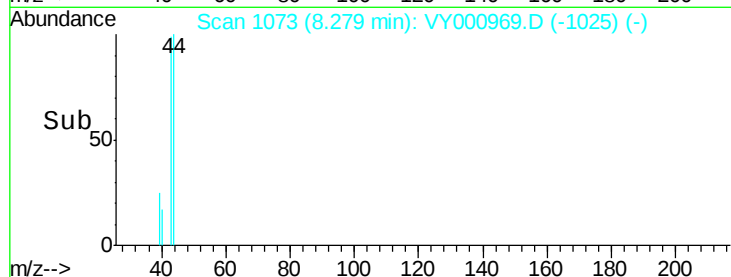
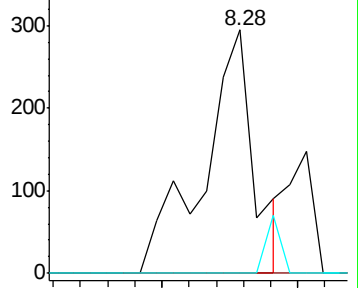
87 6.8 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)



#44

Trichloroethene

Concen: 10.179 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000969.D

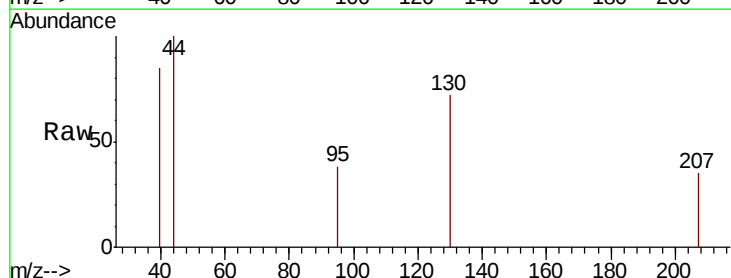
Acq: 16 Dec 2019 20:36

Tgt Ion: 130 Resp: 121

Ion Ratio Lower Upper

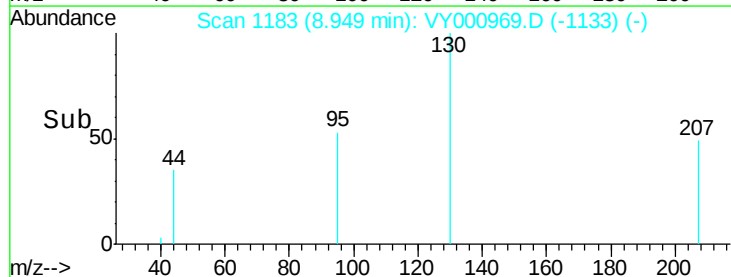
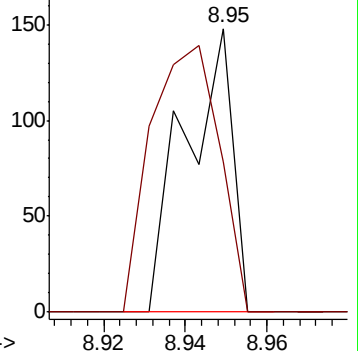
130 100

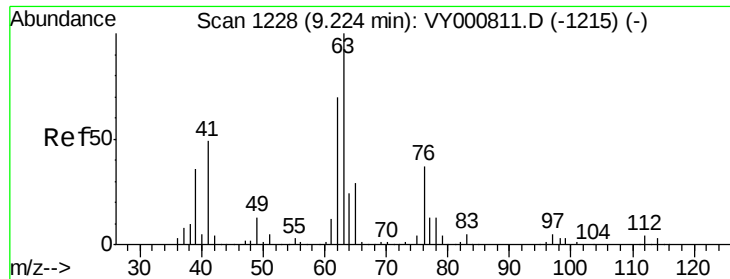
95 52.7 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)

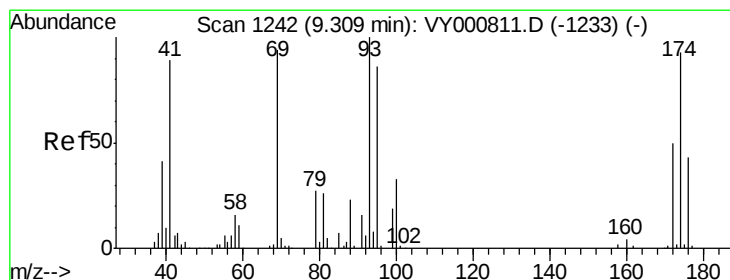
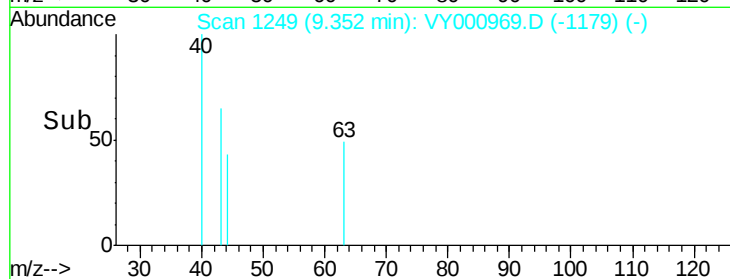
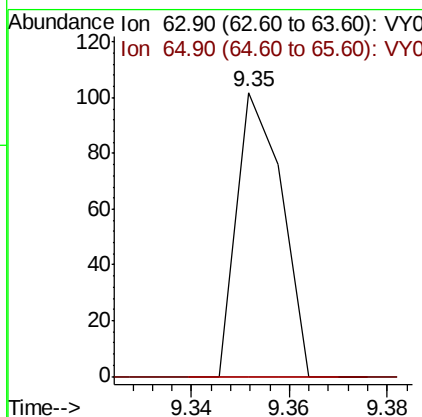
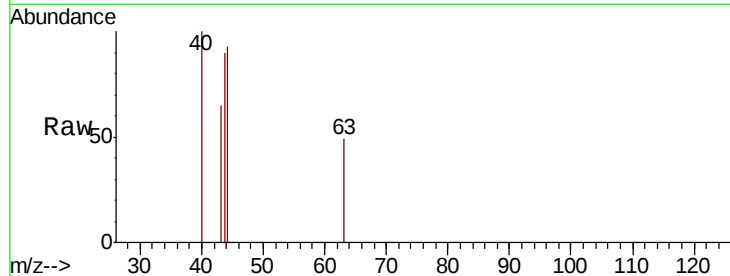




#45
 1,2-Dichloropropane
 Concen: 5.595 ug/l
 RT: 9.35 min Scan# 1249
 Delta R.T. 0.13 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

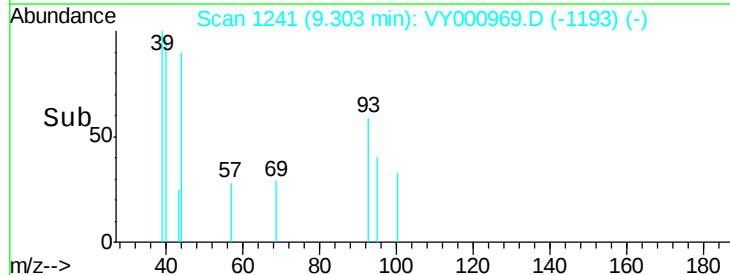
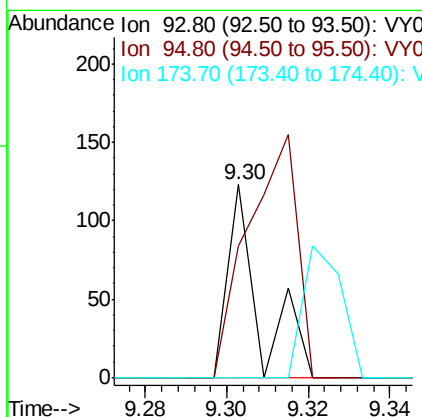
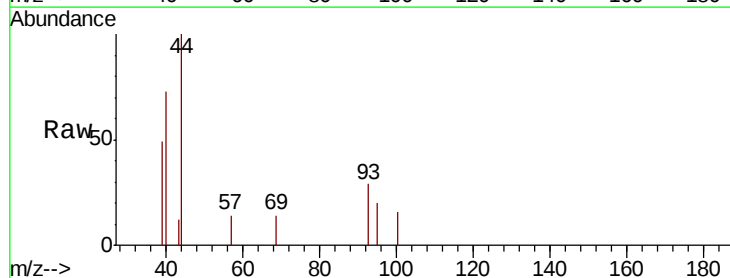
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

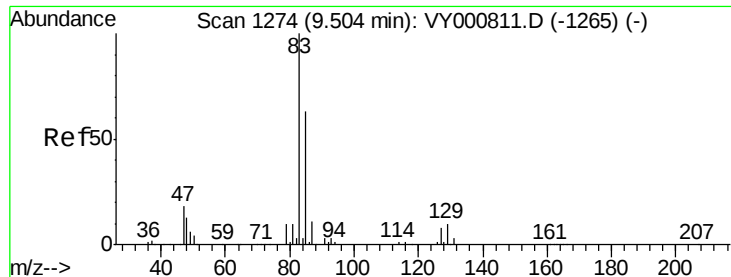
Tgt Ion: 63 Resp: 65
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.2 34.8#



#46
 Dibromomethane
 Concen: 10.873 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion: 93 Resp: 66
 Ion Ratio Lower Upper
 93 100
 95 197.0 66.4 99.6#
 174 83.3 73.0 109.6





#47

Bromodichloromethane

Concen: 10.519 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

BFB

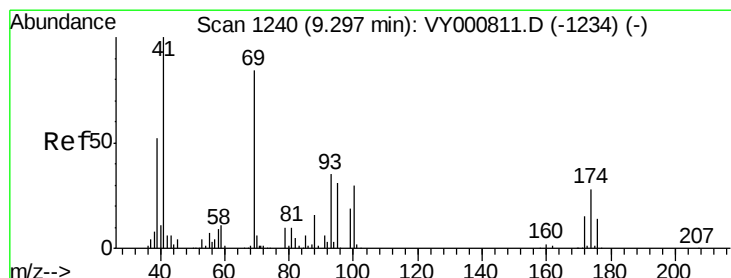
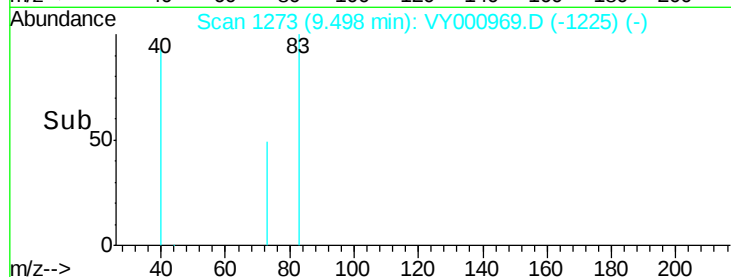
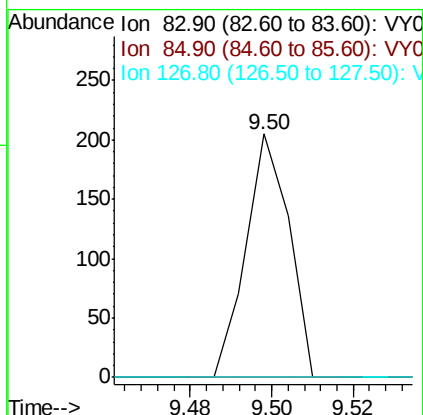
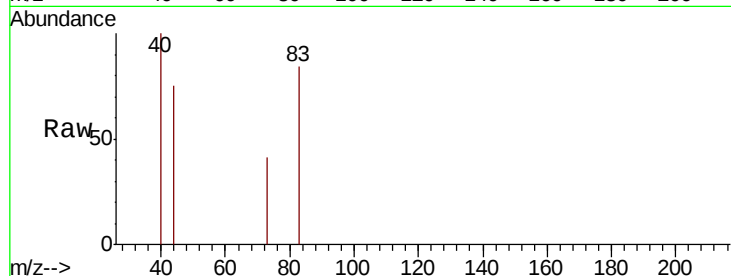
Tgt Ion: 83 Resp: 150

Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 2.632 ug/l

RT: 9.34 min Scan# 1247

Delta R.T. 0.04 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

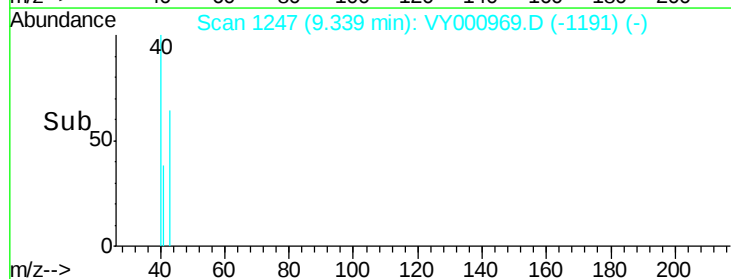
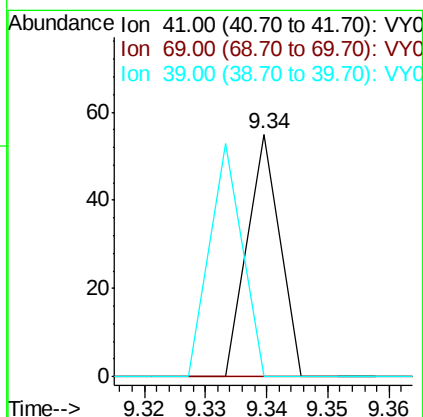
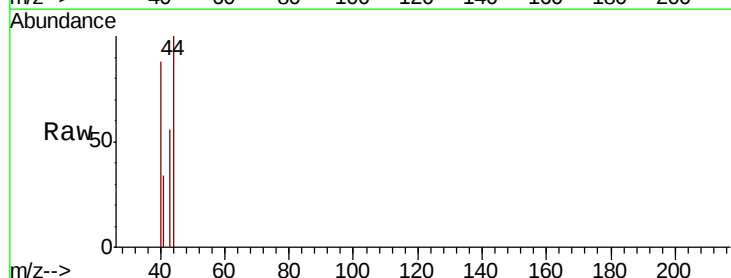
Tgt Ion: 41 Resp: 20

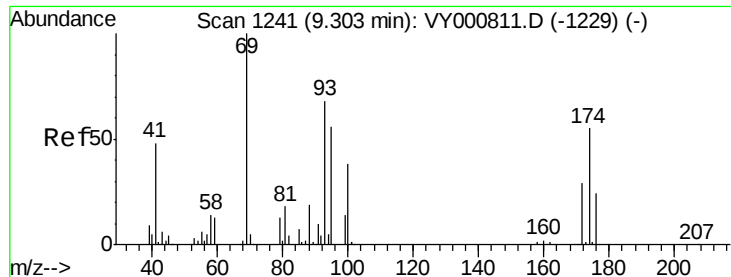
Ion Ratio Lower Upper

41 100

69 0.0 70.4 105.6#

39 95.0 40.9 61.3#





#49

1,4-Dioxane

Concen: 279.035 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

BFB

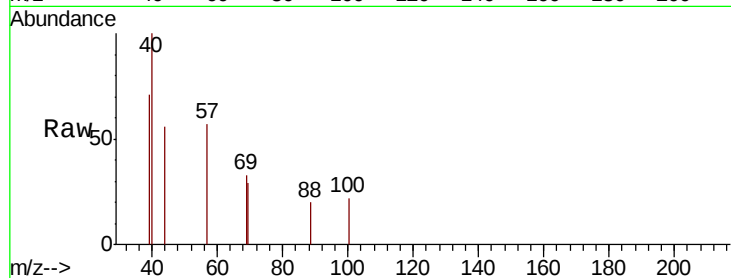
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 195.8 21.1 31.7#

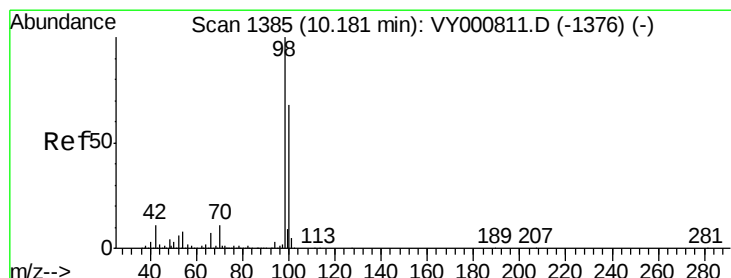
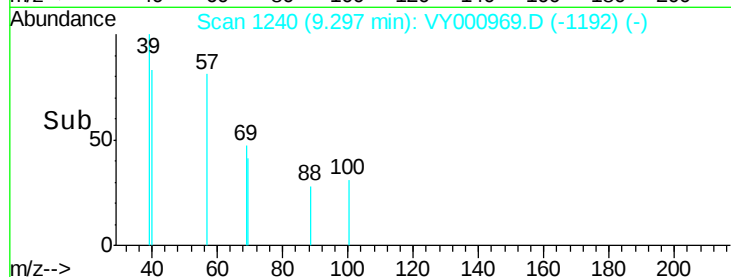
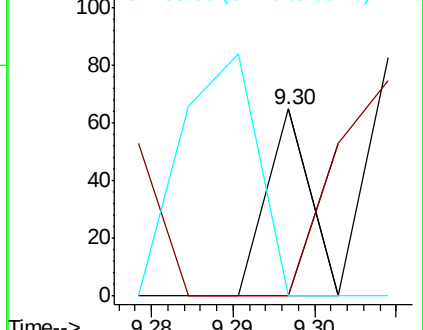
58 229.2 50.7 76.1#



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 62.322 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000969.D

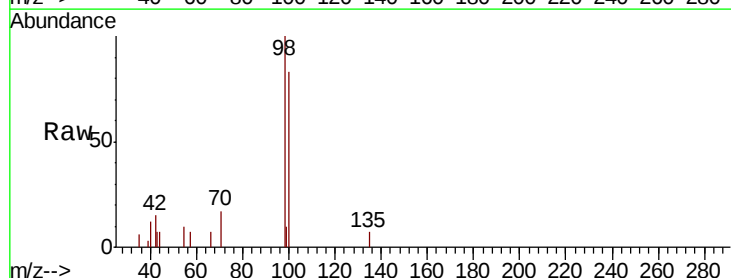
Acq: 16 Dec 2019 20:36

Tgt Ion: 98 Resp: 2319

Ion Ratio Lower Upper

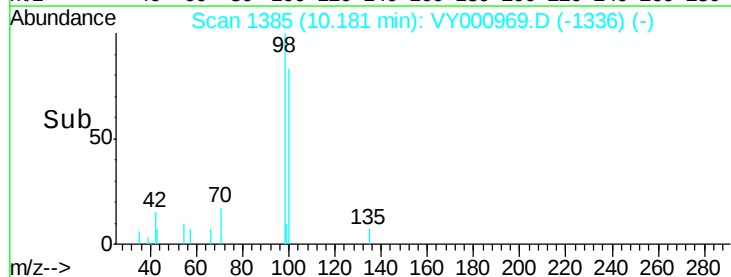
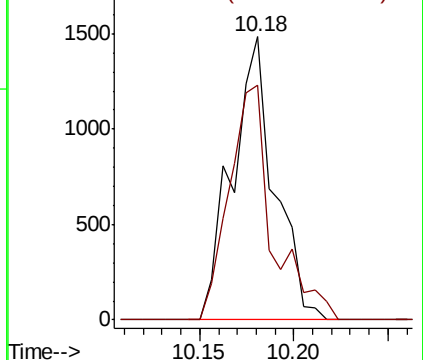
98 100

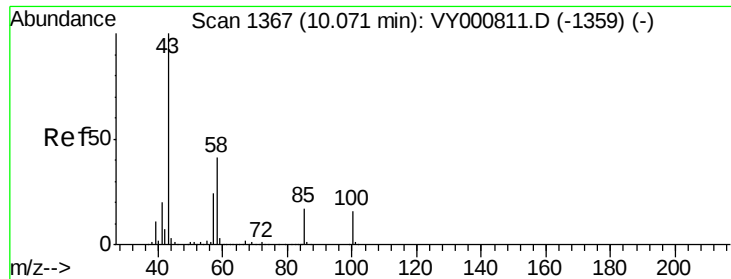
100 84.6 53.1 79.7#



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

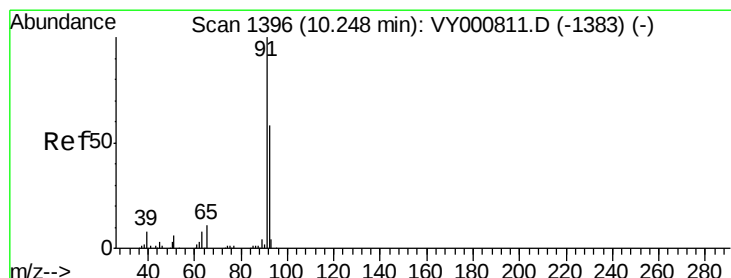
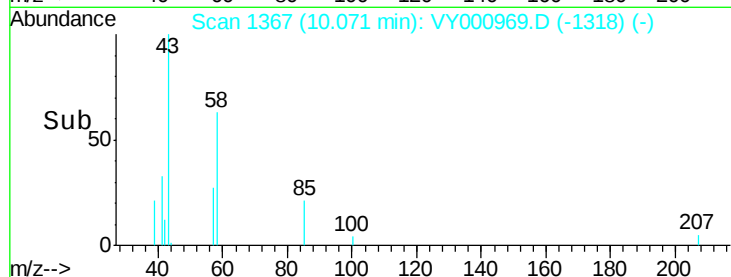
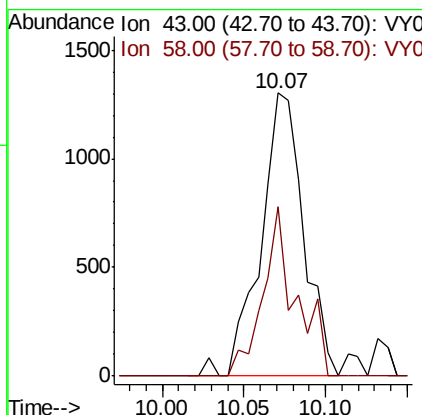
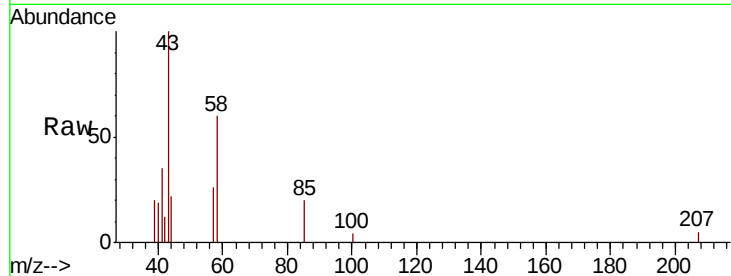




#51
 4-Methyl-2-Pentanone
 Concen: 265.590 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

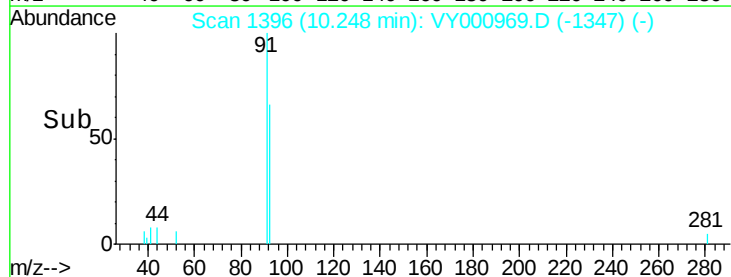
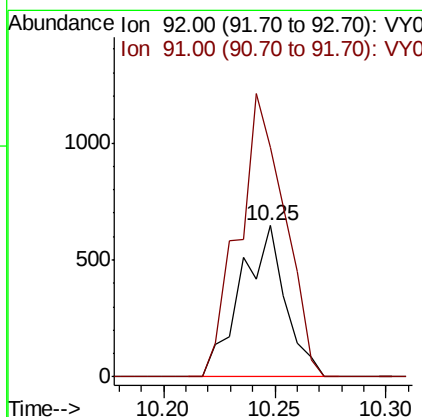
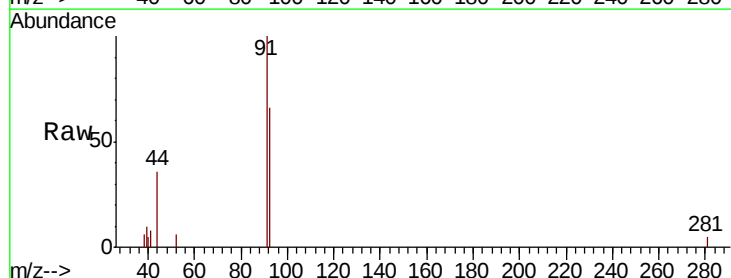
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

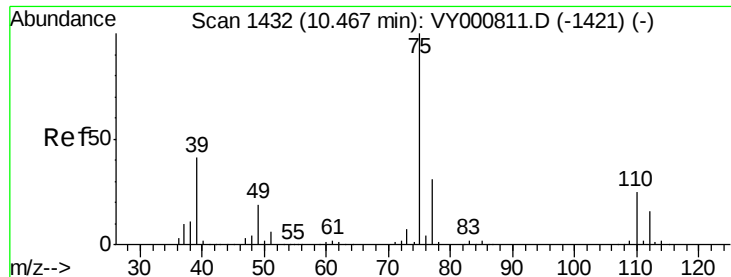
Tgt Ion: 43 Resp: 2371
 Ion Ratio Lower Upper
 43 100
 58 46.0 33.1 49.7



#52
 Toluene
 Concen: 31.392 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion: 92 Resp: 899
 Ion Ratio Lower Upper
 92 100
 91 193.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 16.840 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

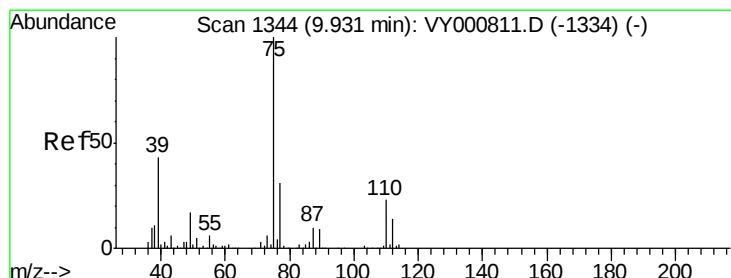
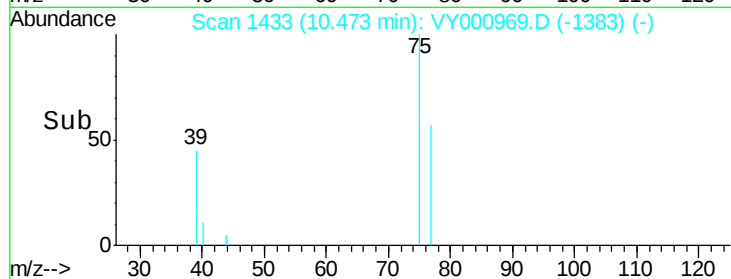
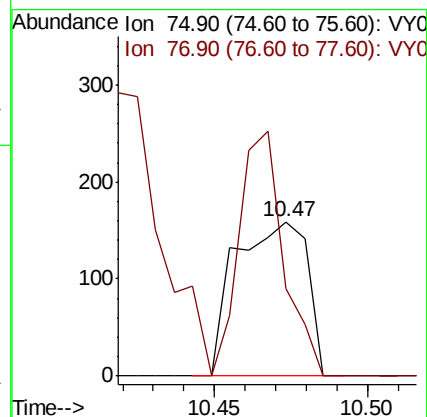
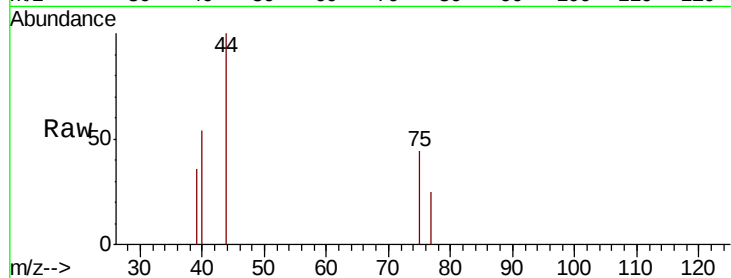
BFB

Tgt Ion: 75 Resp: 258

Ion Ratio Lower Upper

75 100

77 56.6 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 12.204 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

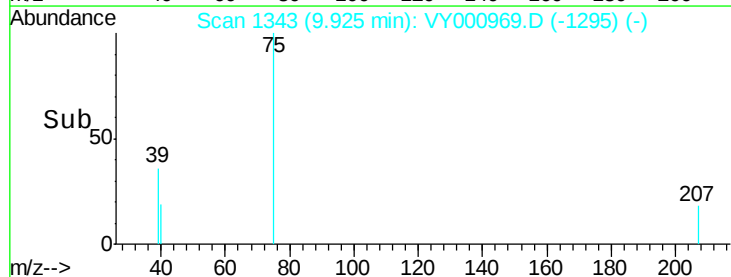
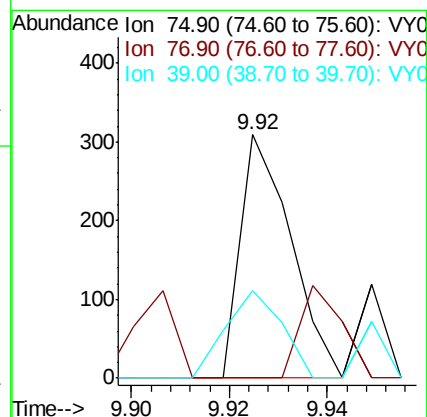
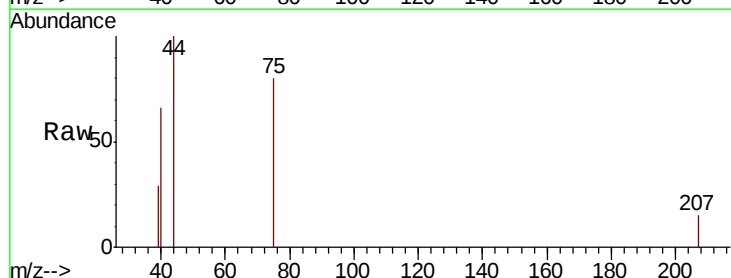
Tgt Ion: 75 Resp: 221

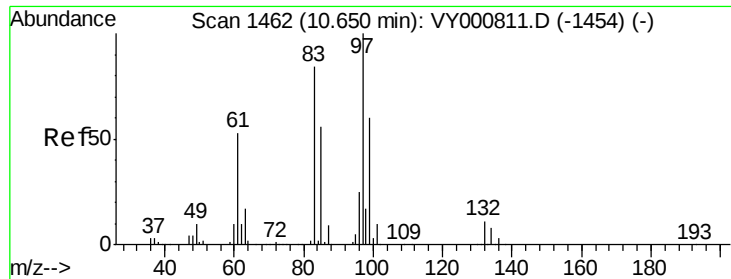
Ion Ratio Lower Upper

75 100

77 0.0 24.7 37.1#

39 35.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 8.474 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

BFB

Tgt Ion: 97 Resp: 76

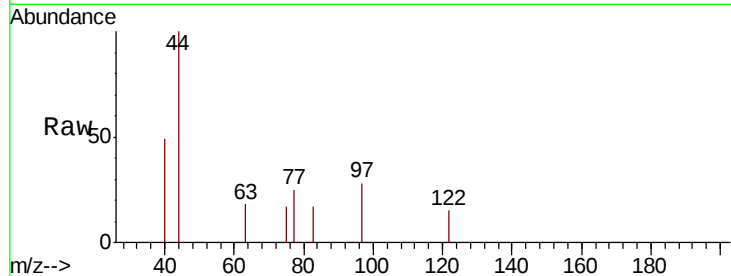
Ion Ratio Lower Upper

97 100

83 61.3 67.5 101.3#

85 0.0 44.5 66.7#

99 0.0 47.7 71.5#

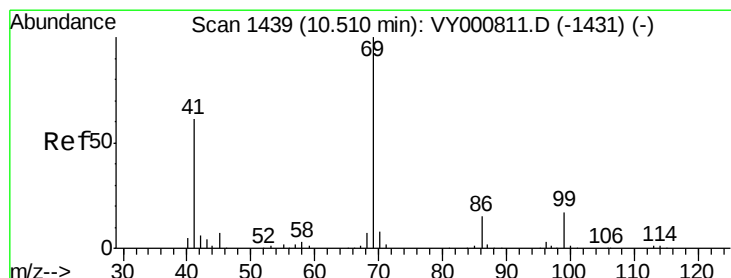
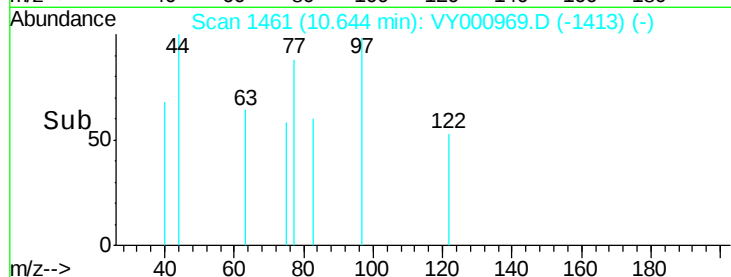
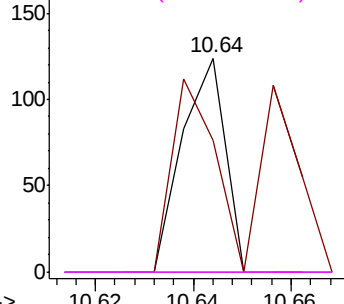


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 22.994 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

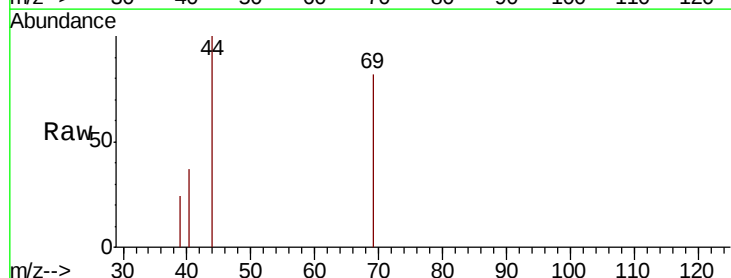
Tgt Ion: 69 Resp: 295

Ion Ratio Lower Upper

69 100

41 116.9 49.0 73.6#

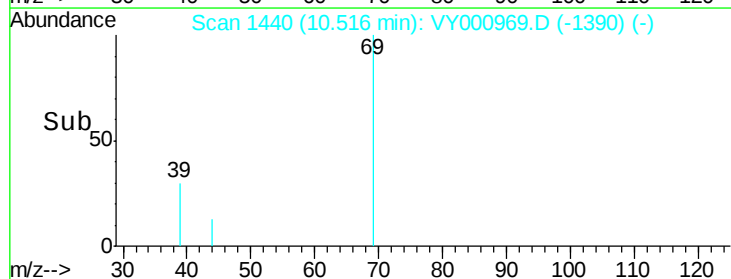
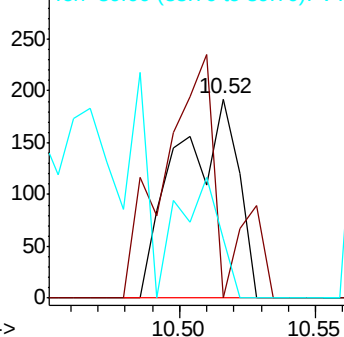
39 21.7 23.1 34.7#

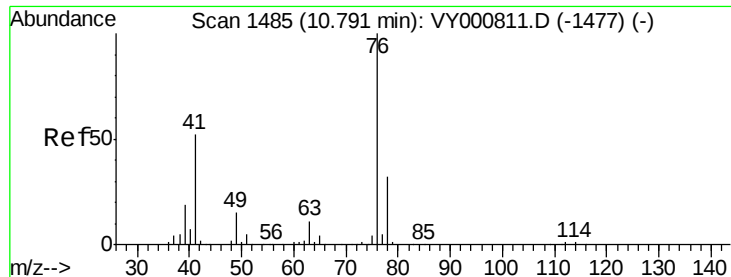


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 17.018 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

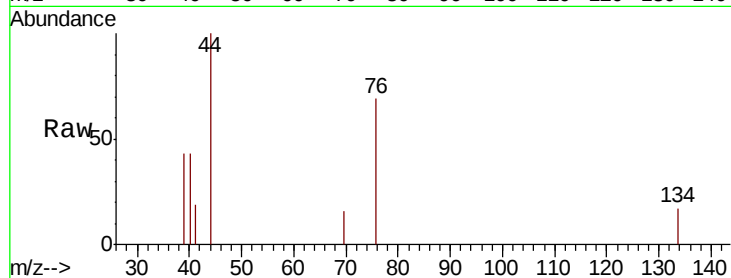
BFB

Tgt Ion: 76 Resp: 266

Ion Ratio Lower Upper

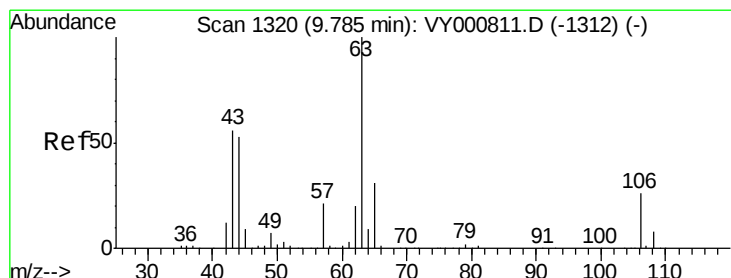
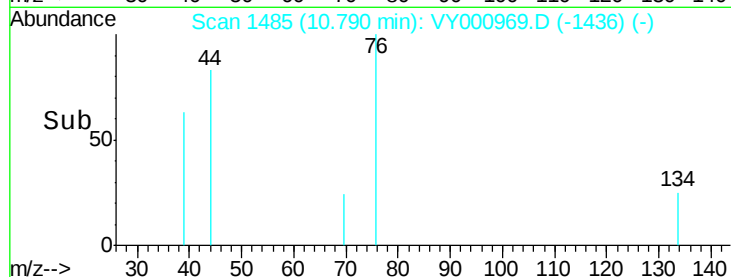
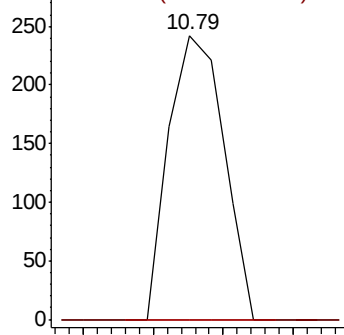
76 100

78 0.0 26.4 39.6#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 85.829 ug/l

RT: 9.78 min Scan# 1319

Delta R.T. -0.01 min

Lab File: VY000969.D

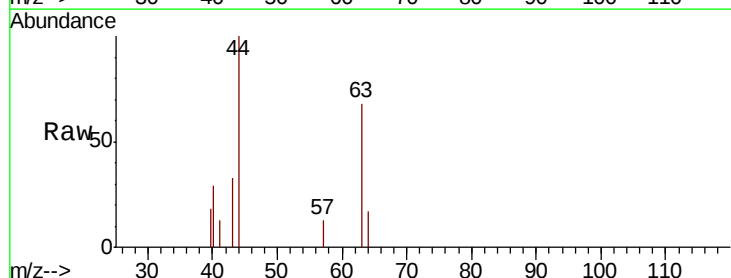
Acq: 16 Dec 2019 20:36

Tgt Ion: 63 Resp: 444

Ion Ratio Lower Upper

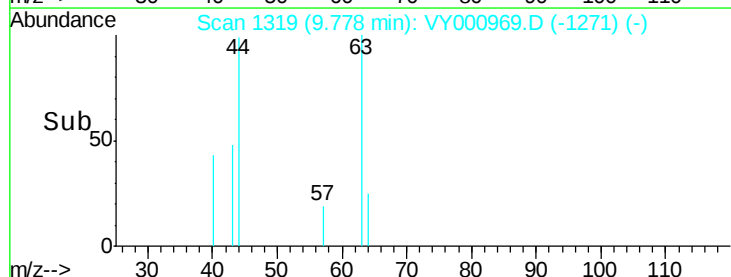
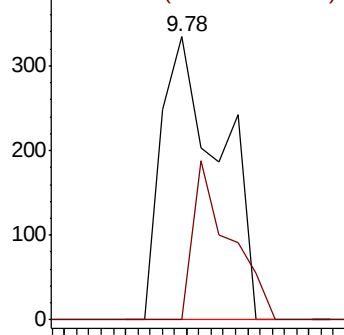
63 100

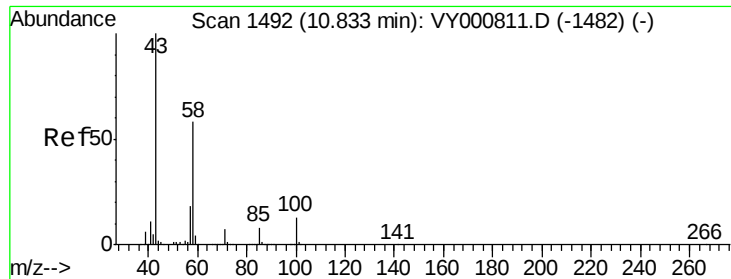
106 35.8 21.5 32.3#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

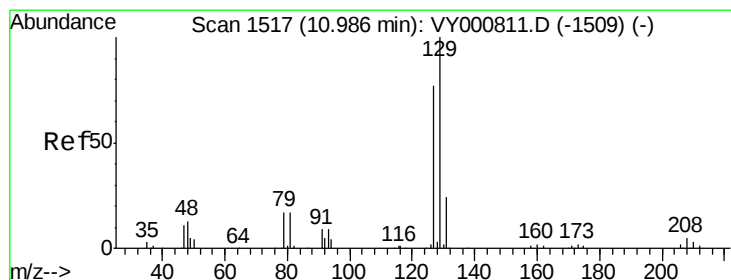
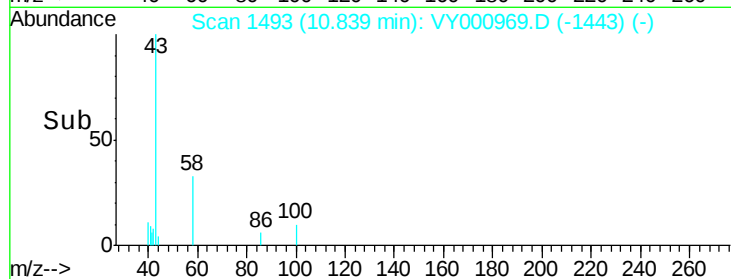
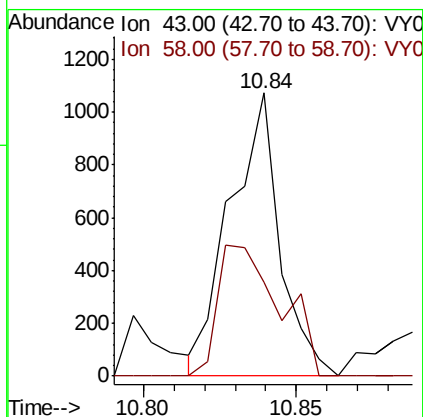
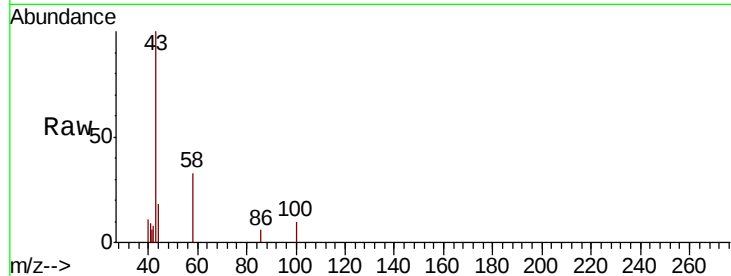




#59
2-Hexanone
Concen: 185.239 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

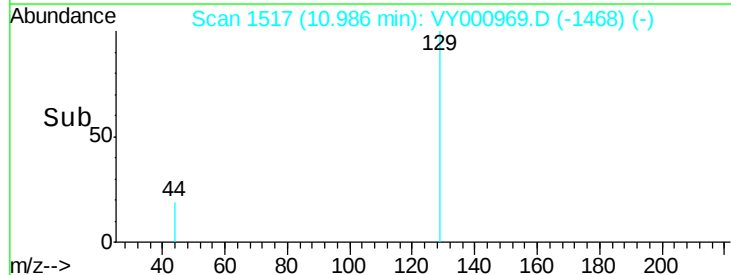
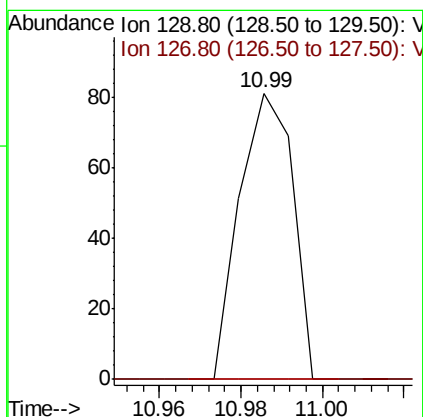
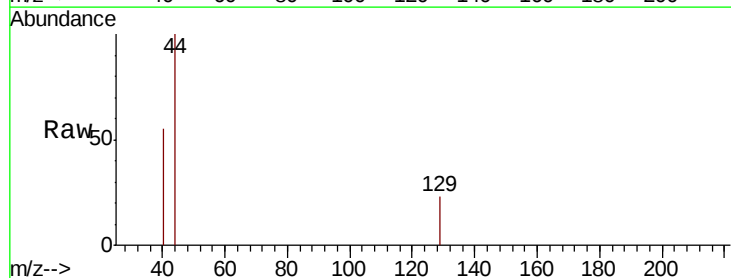
Instrument :
MSVOA_Y
ClientSampleId :
BFB

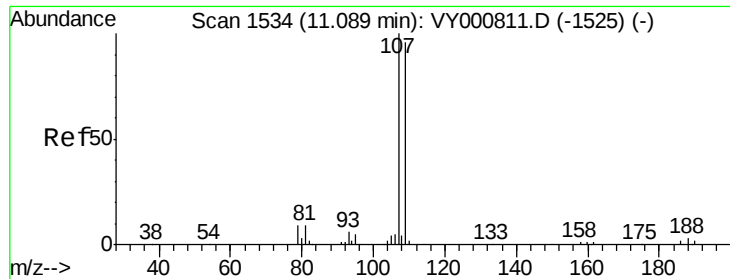
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
58 58.3 29.0 87.1



#60
Dibromochloromethane
Concen: 7.665 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 129 Resp: 74
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

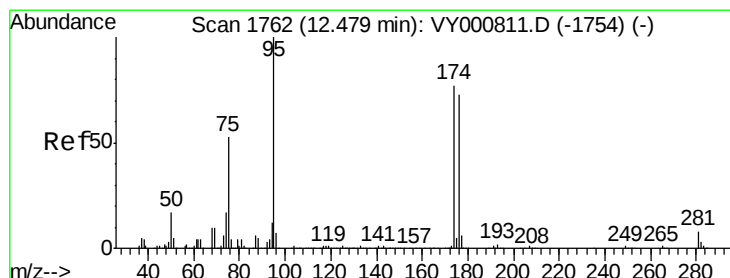
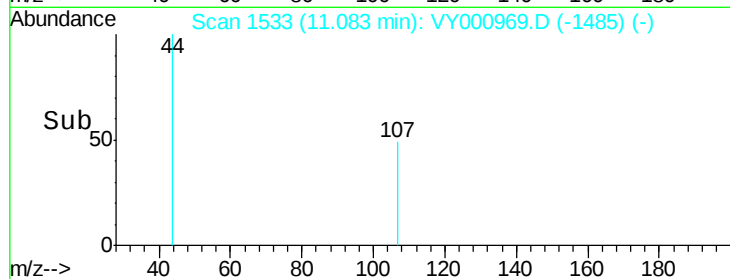
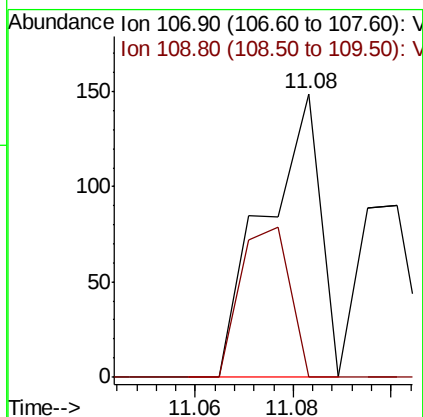
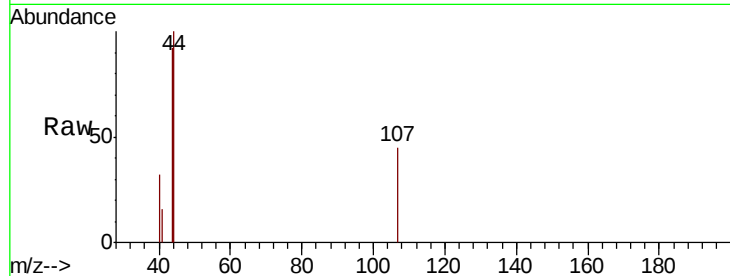




#61
 1,2-Dibromoethane
 Concen: 13.724 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

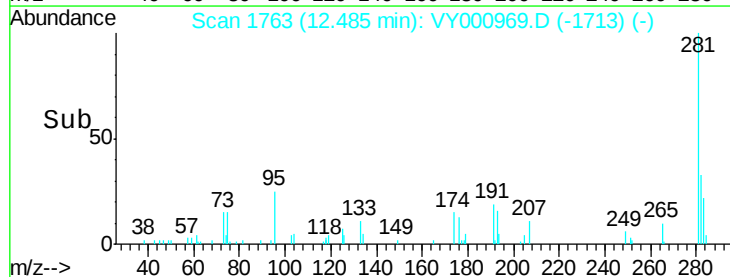
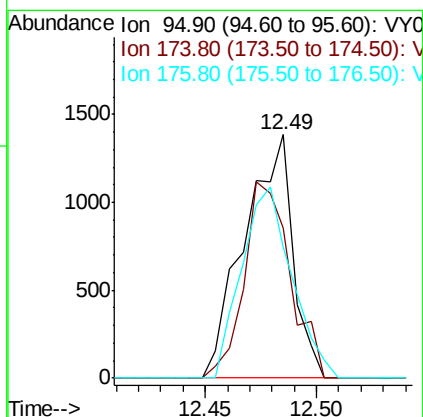
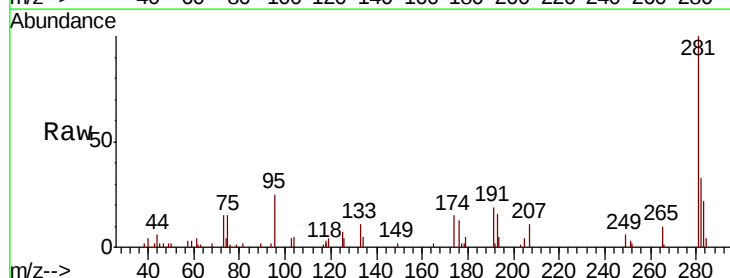
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

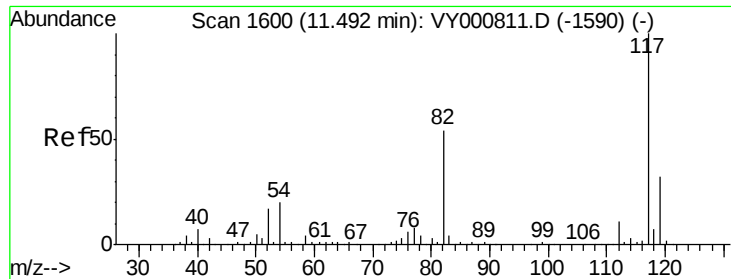
Tgt Ion: 107 Resp: 116
 Ion Ratio Lower Upper
 107 100
 109 47.4 75.9 113.9#



#62
 4-Bromofluorobenzene
 Concen: 149.989 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion: 95 Resp: 2096
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 150.6
 176 81.3 0.0 145.2

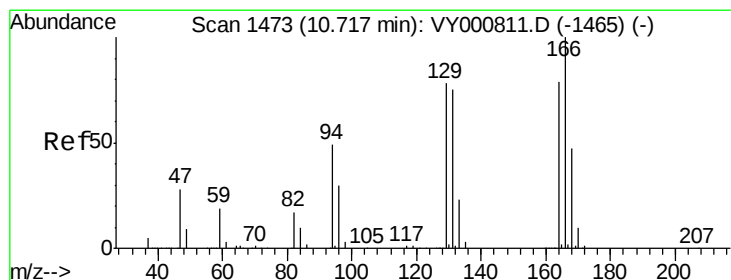
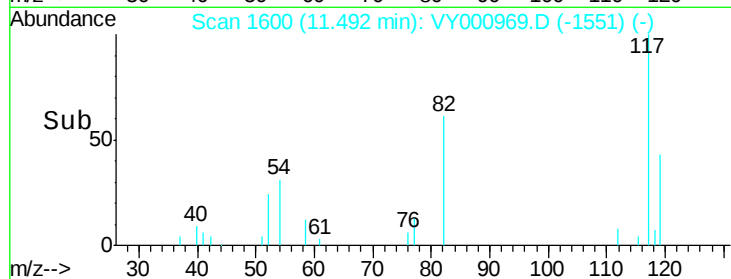
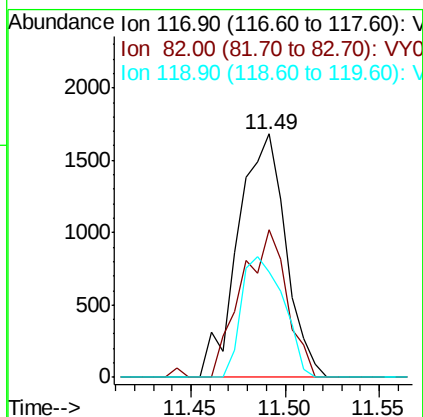
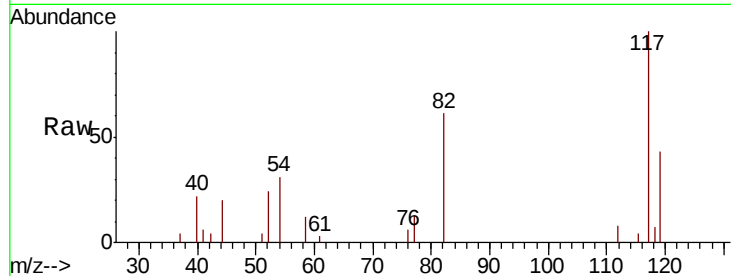




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

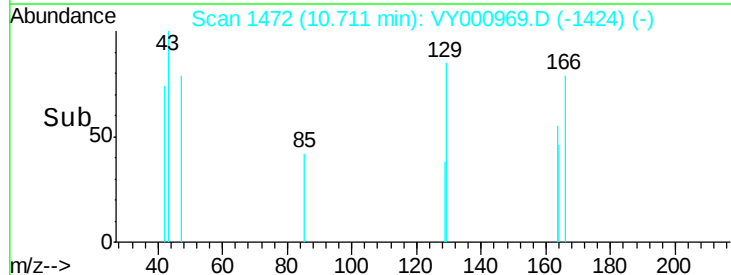
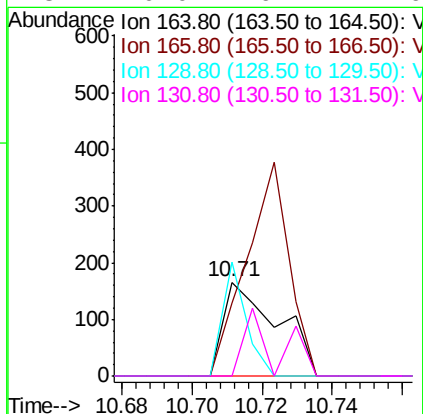
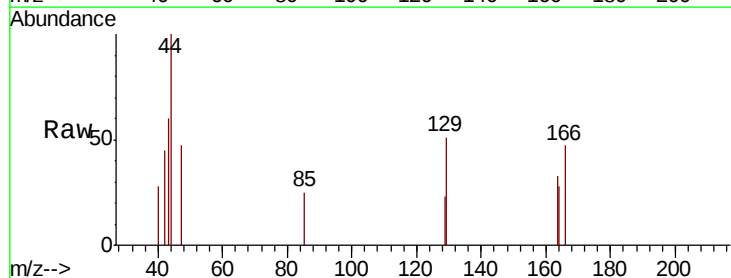
Instrument :
MSVOA_Y
ClientSampled :
BFB

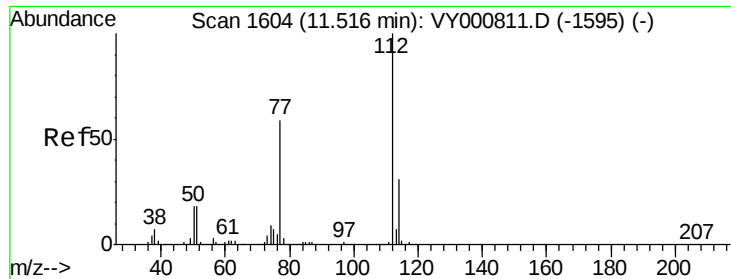
Tgt Ion:117 Resp: 2945
Ion Ratio Lower Upper
117 100
82 60.8 43.1 64.7
119 43.3 25.3 37.9#



#64
Tetrachloroethene
Concen: 6.957 ug/l
RT: 10.71 min Scan# 1472
Delta R.T. -0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion:164 Resp: 178
Ion Ratio Lower Upper
164 100
166 77.7 101.8 152.8#
129 121.7 79.3 118.9#
131 0.0 76.4 114.6#

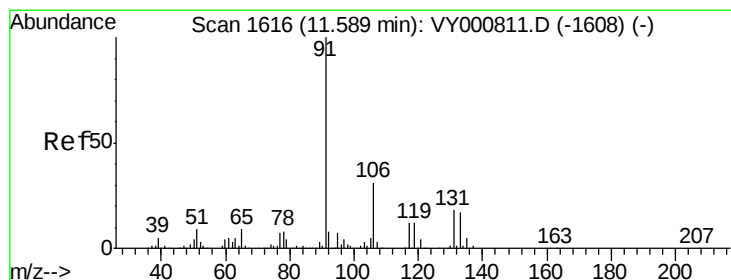
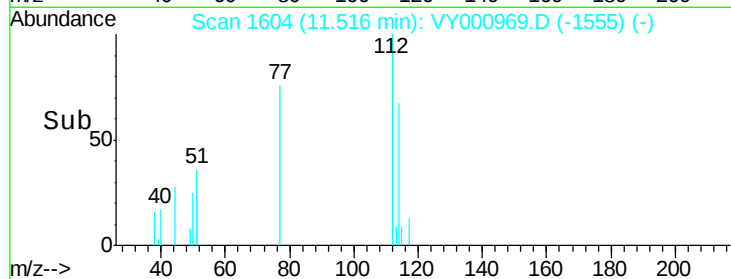
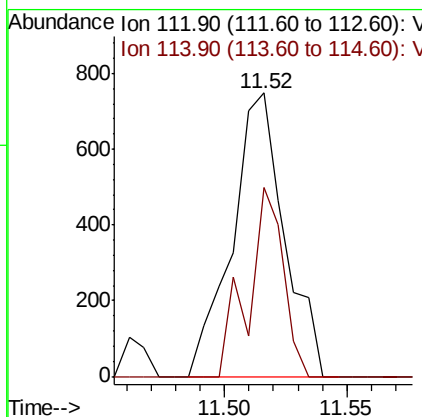
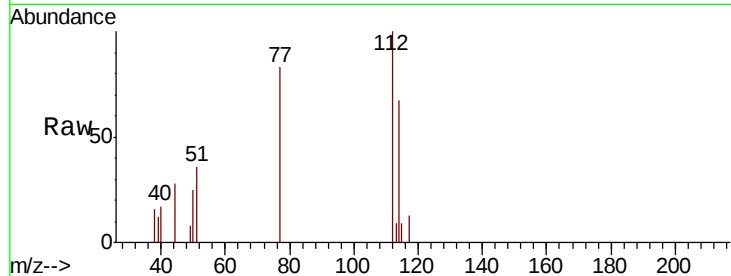




#65
Chlorobenzene
Concen: 18.198 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

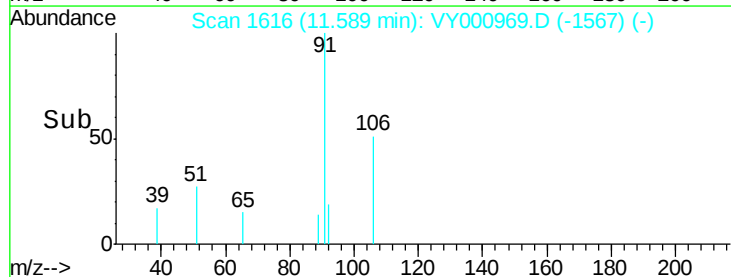
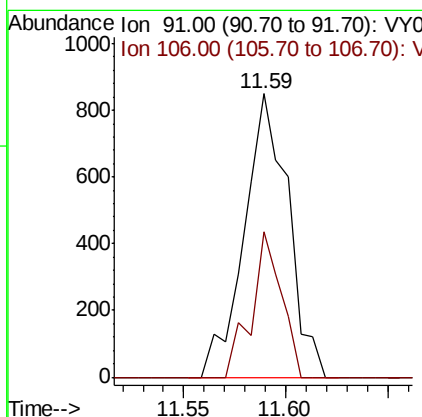
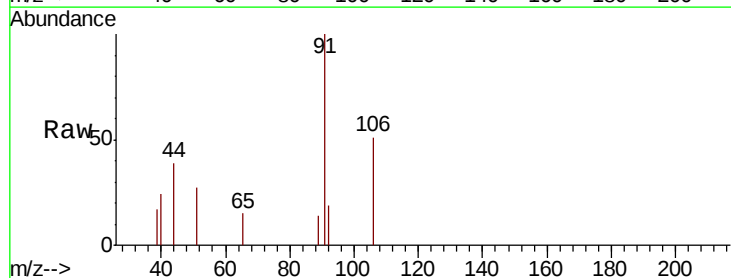
Instrument :
MSVOA_Y
ClientSampled :
BFB

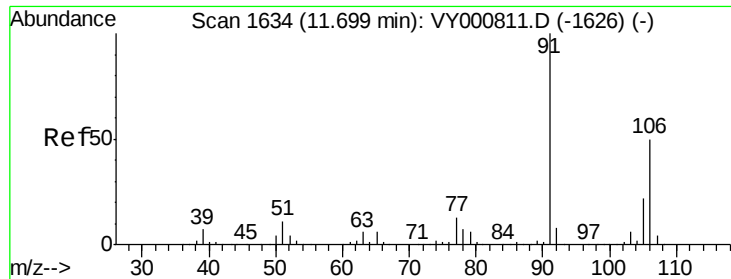
Tgt Ion: 112 Resp: 1114
Ion Ratio Lower Upper
112 100
114 66.8 25.1 37.7#



#67
Ethyl Benzene
Concen: 11.148 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 91 Resp: 1271
Ion Ratio Lower Upper
91 100
106 51.5 24.4 36.6#

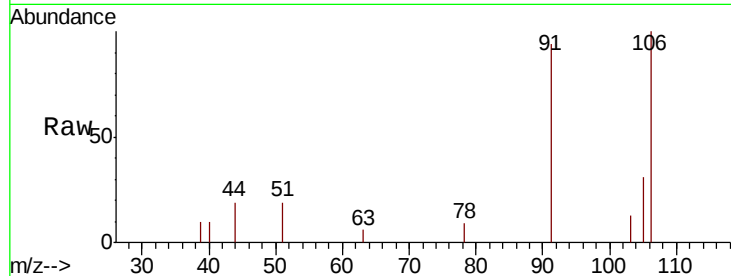




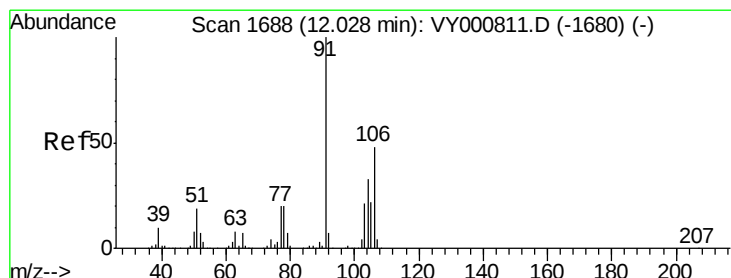
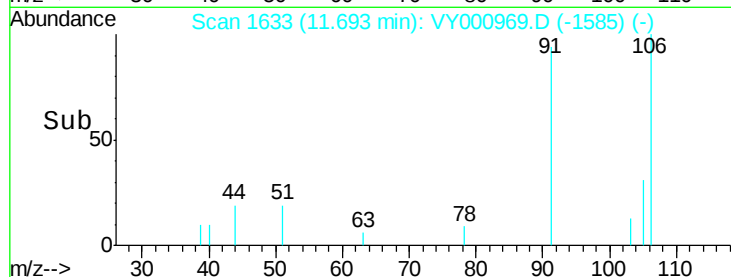
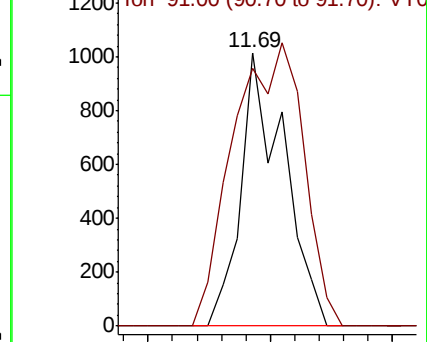
#68
m/p-Xylenes
Concen: 29.024 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion:106 Resp: 1242
Ion Ratio Lower Upper
106 100
91 169.1 159.6 239.4

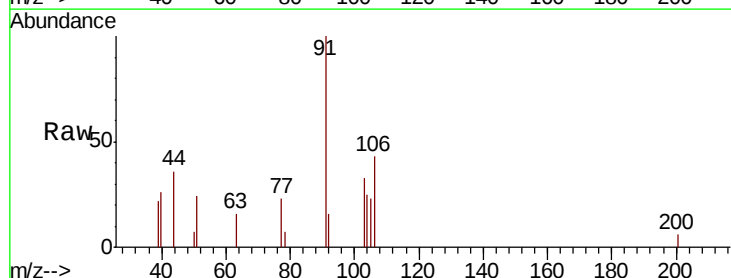


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

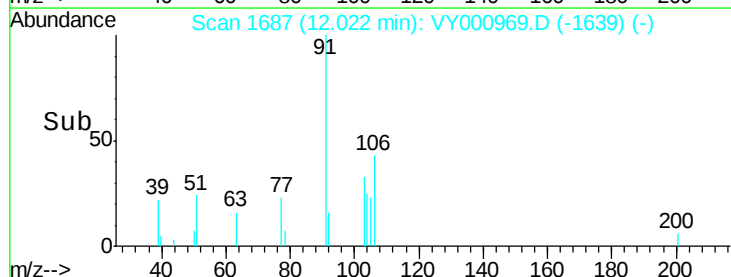
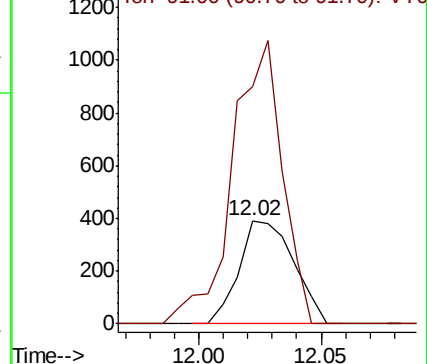


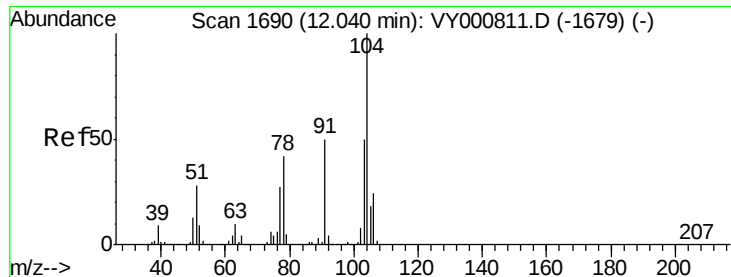
#69
o-Xylene
Concen: 15.313 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion:106 Resp: 611
Ion Ratio Lower Upper
106 100
91 250.4 106.1 318.1



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

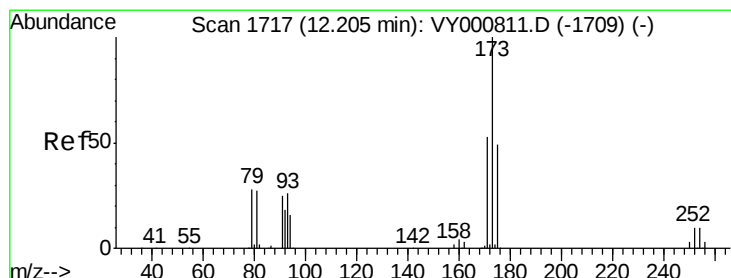
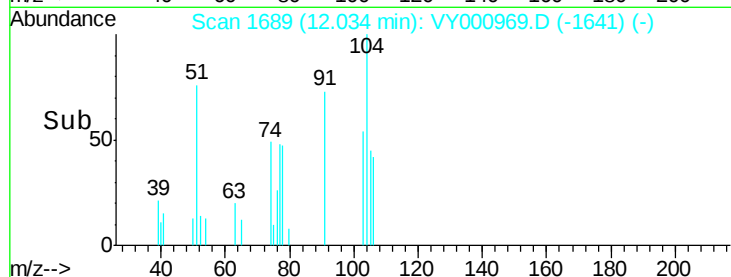
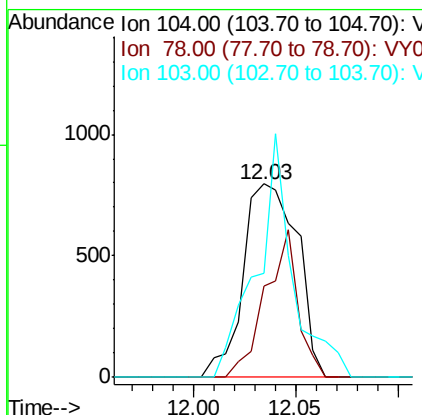
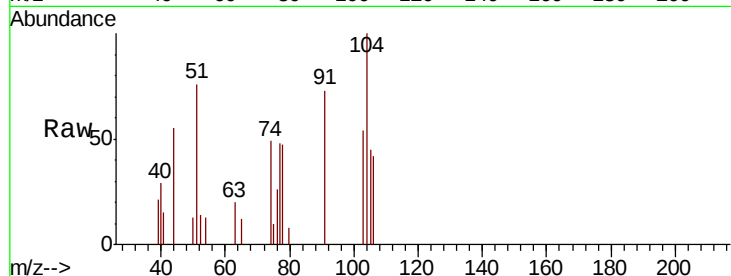




#70
Styrene
Concen: 21.619 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

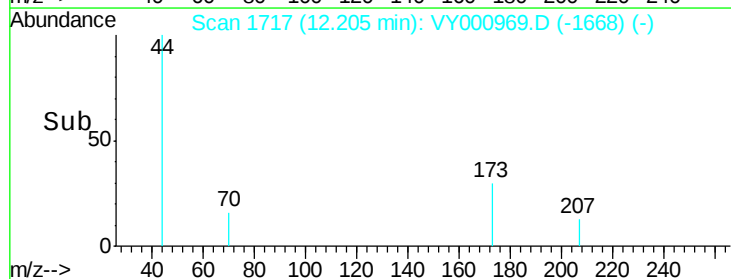
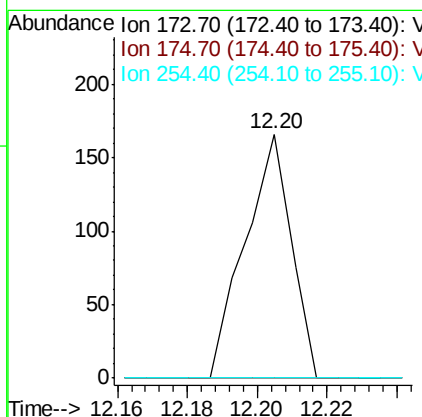
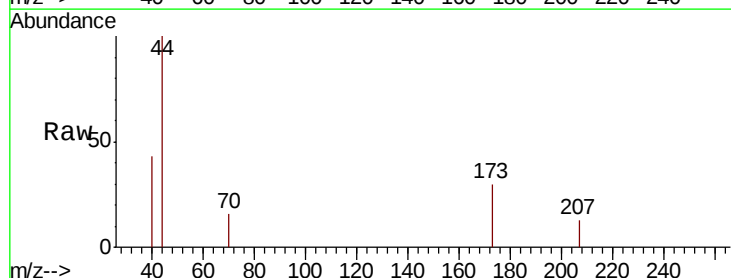
Instrument :
MSVOA_Y
ClientSampled :
BFB

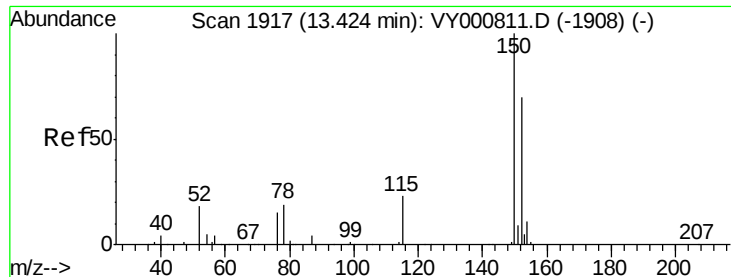
Tgt Ion:104 Resp: 1477
Ion Ratio Lower Upper
104 100
78 45.5 38.2 57.4
103 83.9 43.4 65.0#



#71
Bromoform
Concen: 13.064 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion:173 Resp: 152
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.0 0.0



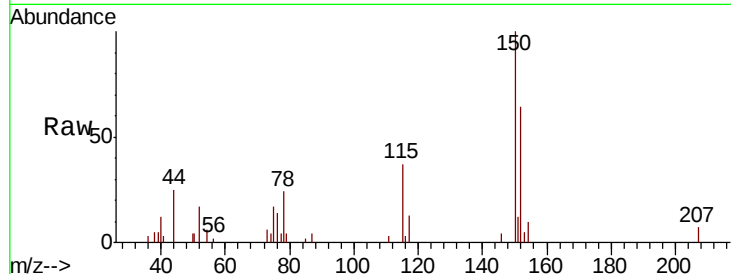


#72

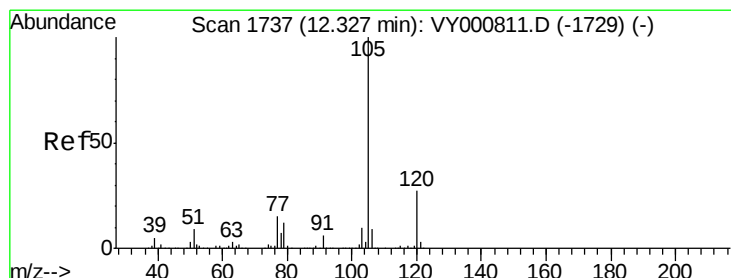
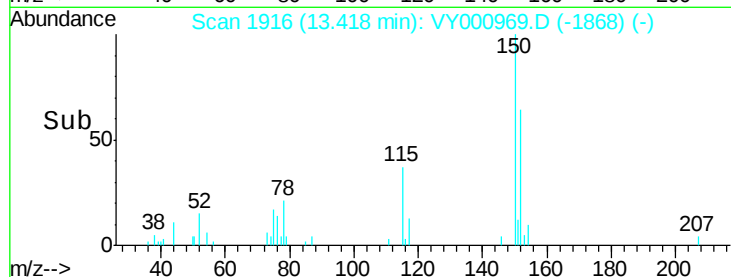
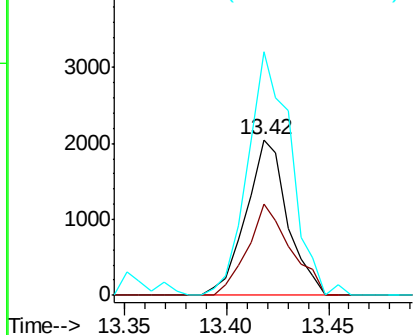
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Tgt Ion:152 Resp: 2906
Ion Ratio Lower Upper
152 100
115 60.3 29.3 87.8
150 163.4 0.0 351.2



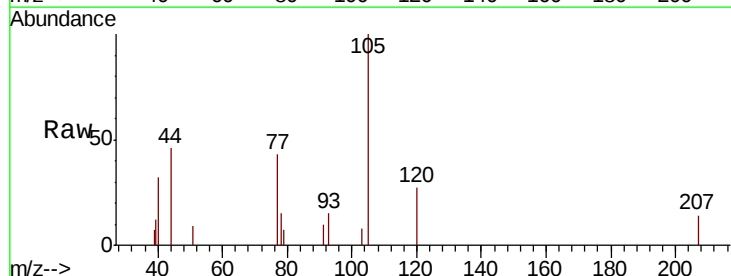
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



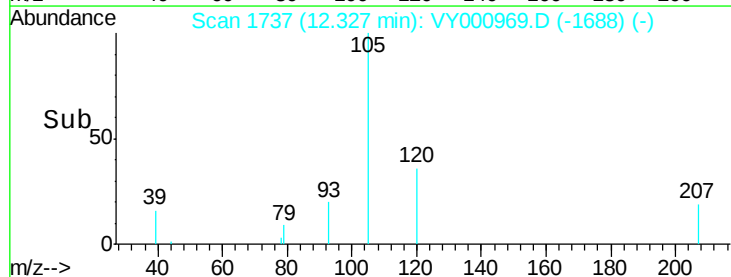
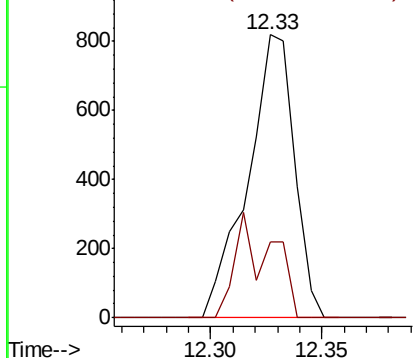
#73

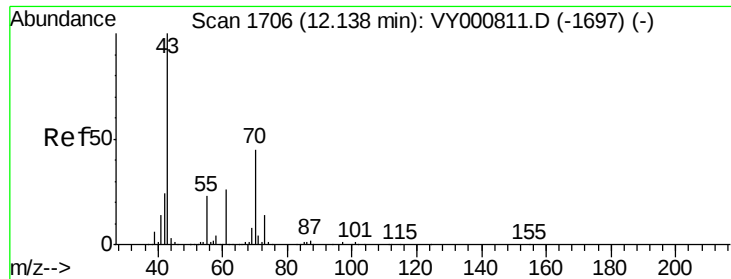
Isopropylbenzene
Concen: 5.165 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion:105 Resp: 1195
Ion Ratio Lower Upper
105 100
120 28.9 13.4 40.2



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





#74

N-ethyl acetate

Concen: 8.431 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

BFB

Tgt Ion: 43 Resp: 543

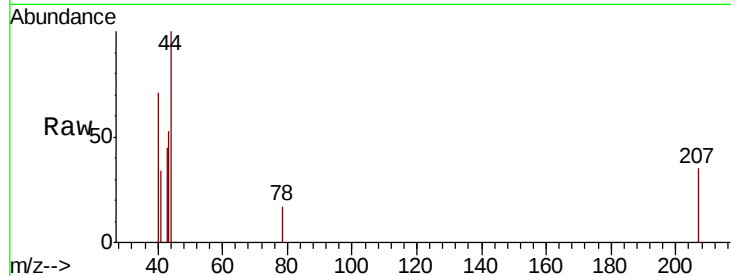
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 19.2 18.8 28.2

61 30.0 21.0 31.6

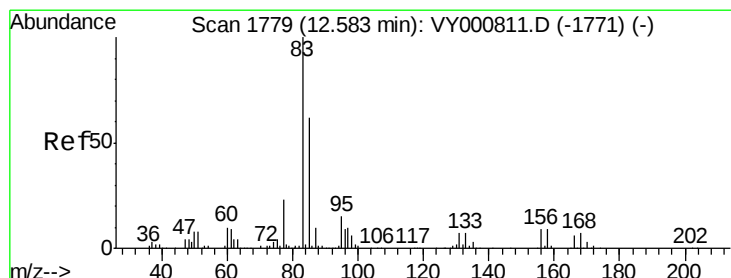
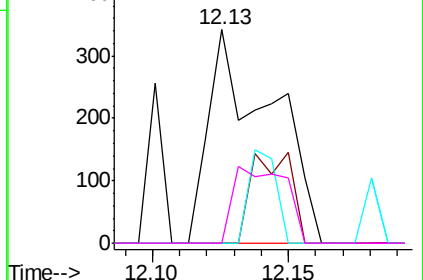
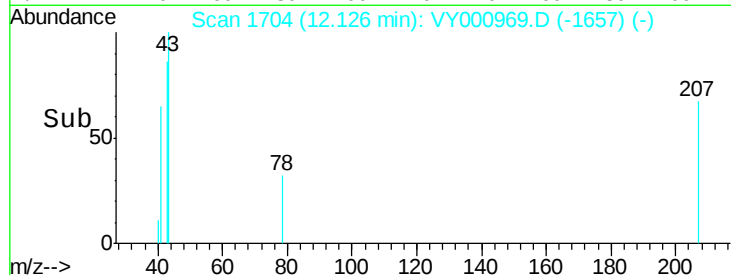


Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 4.540 ug/l

RT: 12.57 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

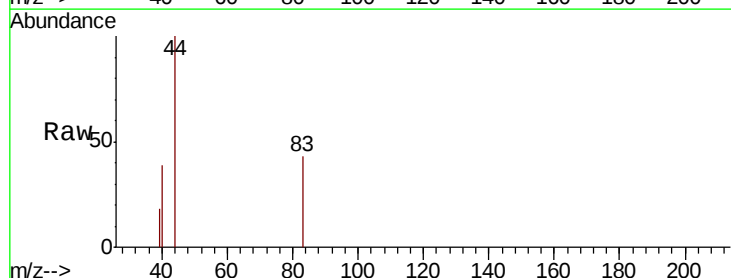
Tgt Ion: 83 Resp: 207

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

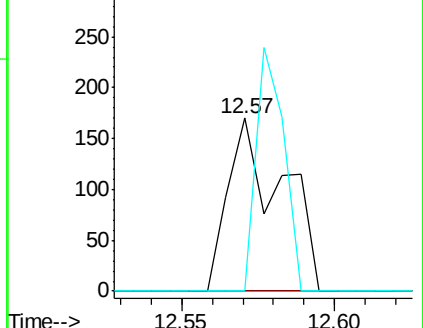
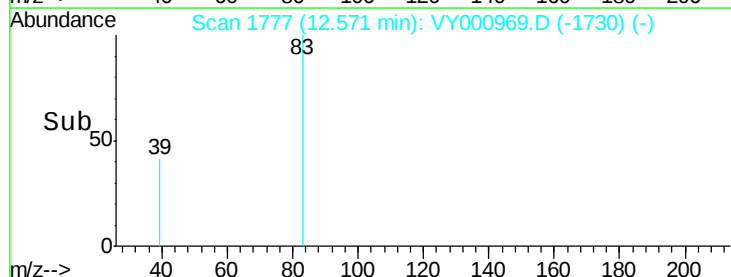
85 72.5 32.4 97.0

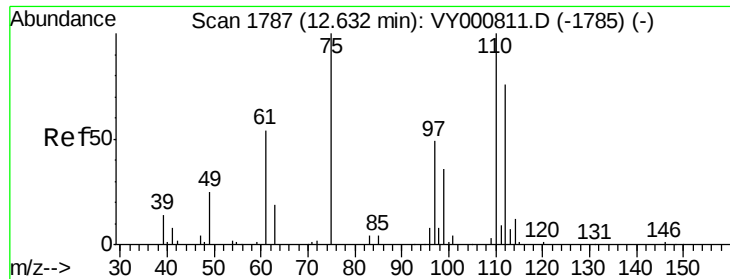


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0

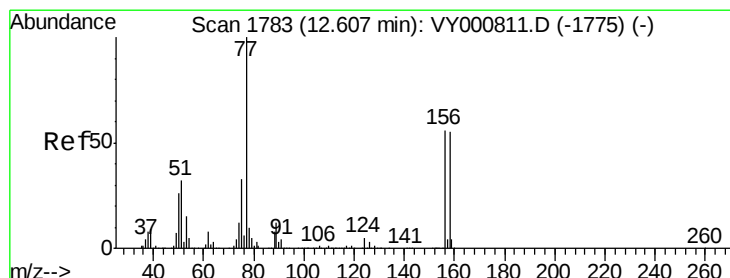
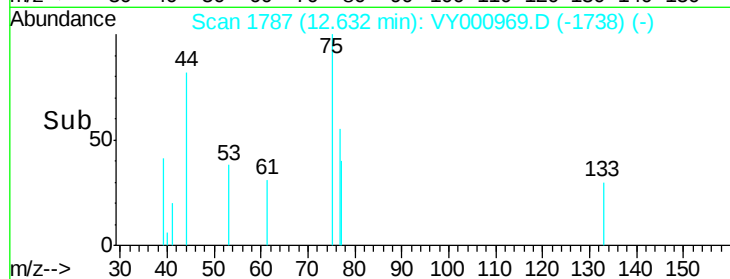
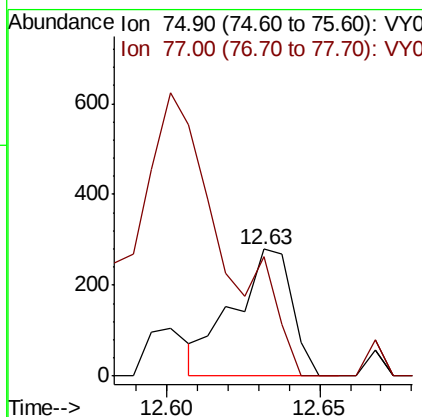
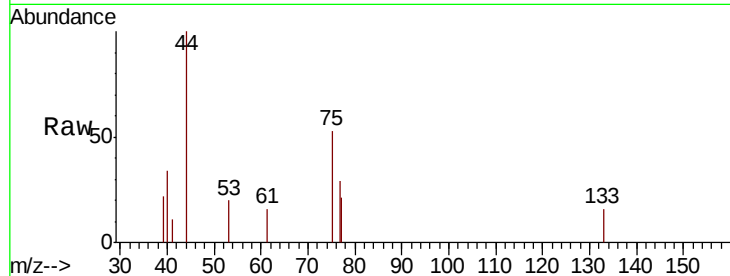




#76
 1,2,3-Trichloropropane
 Concen: 11.177 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

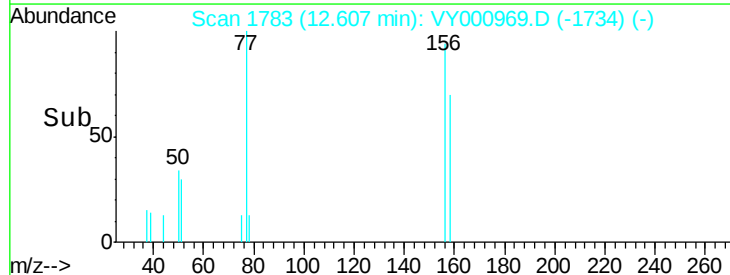
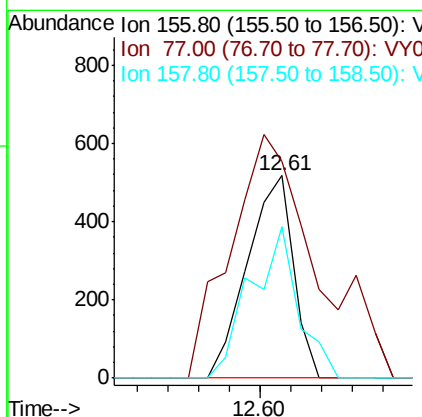
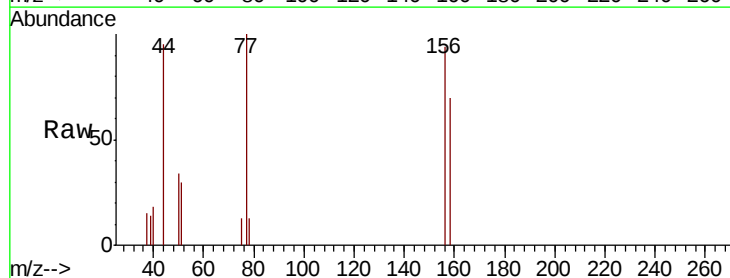
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

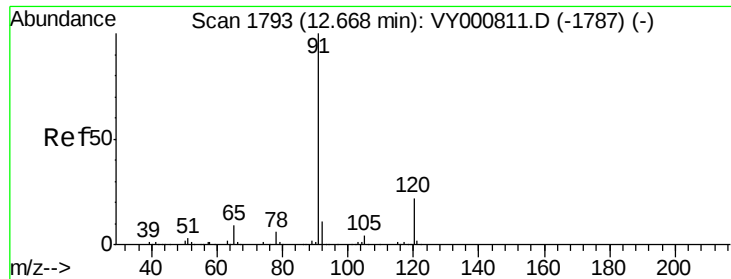
Tgt Ion: 75 Resp: 368
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 10.767 ug/l
 RT: 12.61 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion: 156 Resp: 540
 Ion Ratio Lower Upper
 156 100
 77 224.8 102.6 307.7
 158 77.0 47.6 142.8

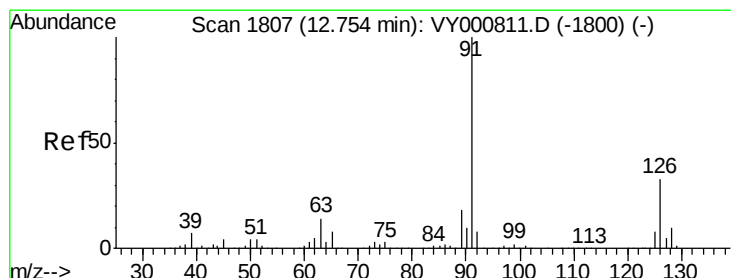
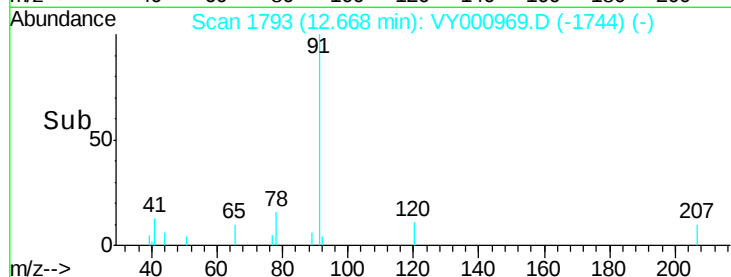
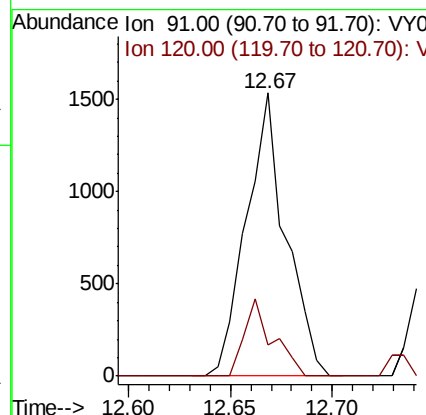
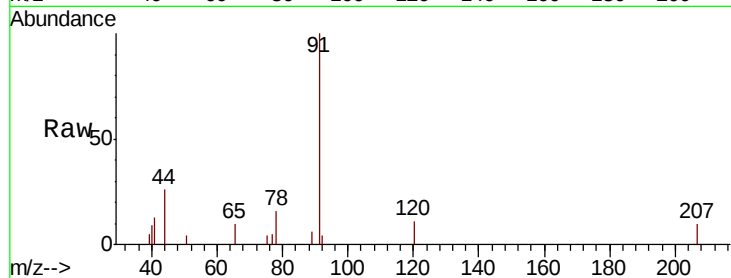




#78
n-propylbenzene
Concen: 7.284 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

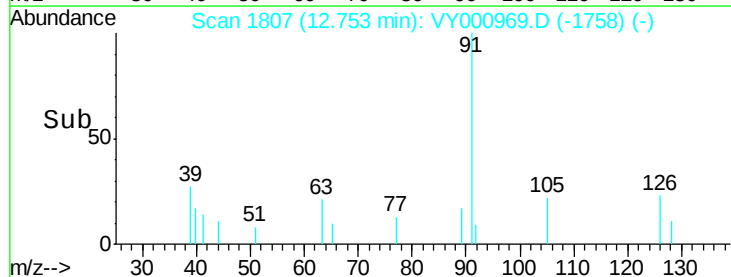
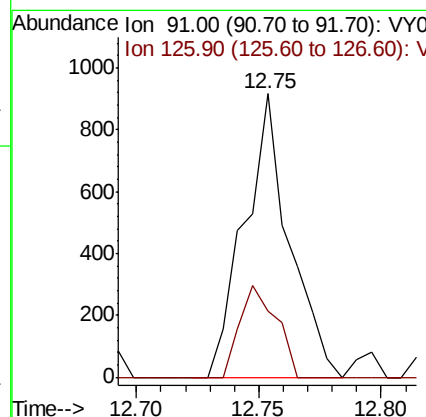
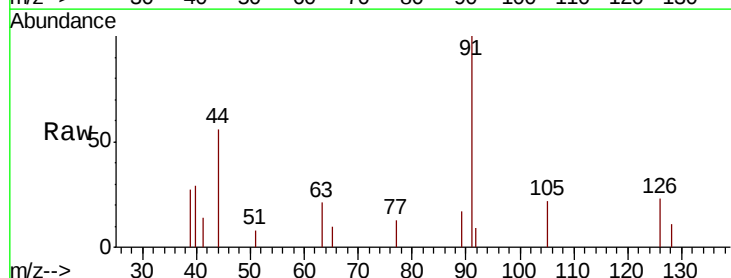
Instrument :
MSVOA_Y
ClientSampleId :
BFB

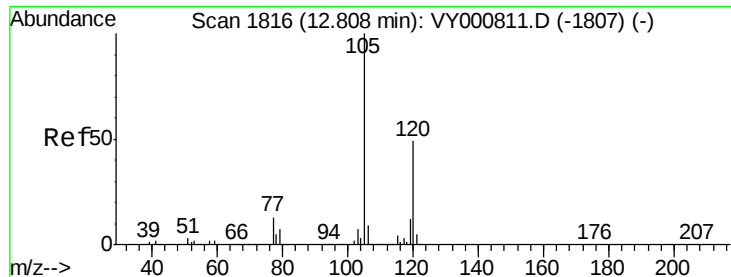
Tgt Ion: 91 Resp: 2058
Ion Ratio Lower Upper
91 100
120 19.4 11.2 33.5



#79
2-Chlorotoluene
Concen: 7.483 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000969.D
Acq: 16 Dec 2019 20:36

Tgt Ion: 91 Resp: 1168
Ion Ratio Lower Upper
91 100
126 26.3 17.0 51.0





#80

1,3,5-Trimethylbenzene

Concen: 6.311 ug/l

RT: 12.80 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

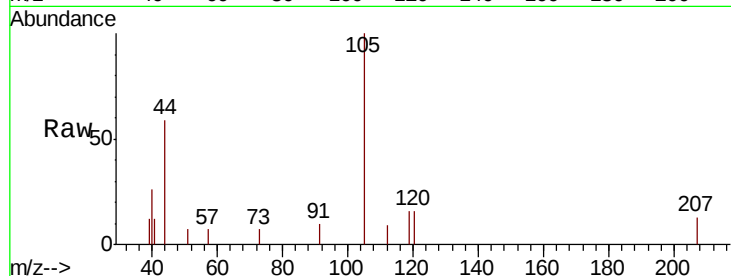
BFB

Tgt Ion: 105 Resp: 1209

Ion Ratio Lower Upper

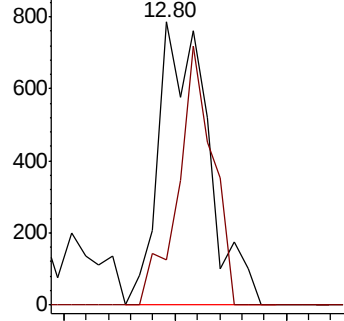
105 100

120 64.8 24.6 74.0

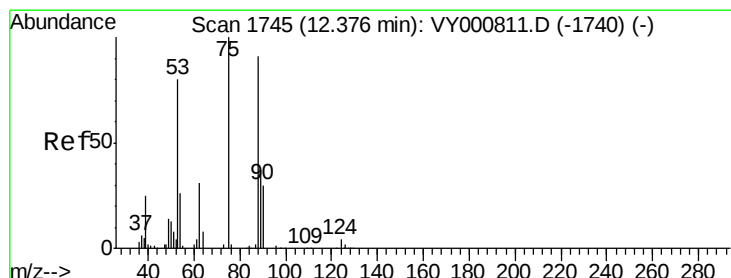
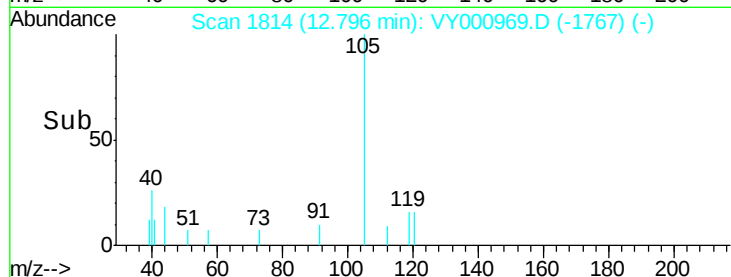


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.75 12.80 12.85



#81

trans-1,4-Dichloro-2-butene

Concen: 89.072 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

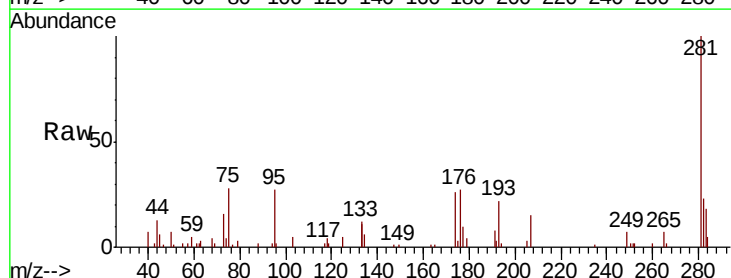
Tgt Ion: 75 Resp: 1493

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

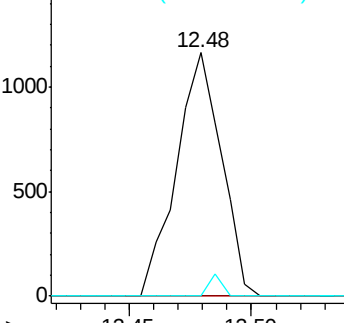
89 2.6 33.6 50.4#



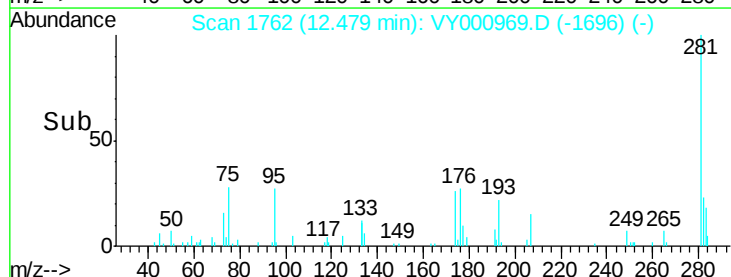
Abundance Ion 74.90 (74.60 to 75.60): VY0

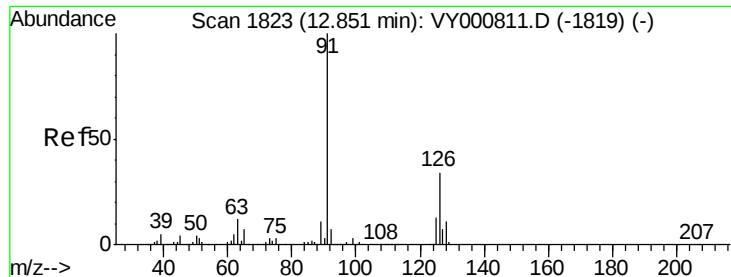
Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



Time--> 12.45 12.50





#82

4-Chlorotoluene

Concen: 8.849 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

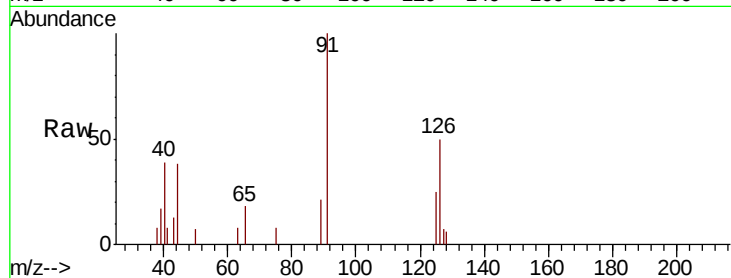
BFB

Tgt Ion: 91 Resp: 1423

Ion Ratio Lower Upper

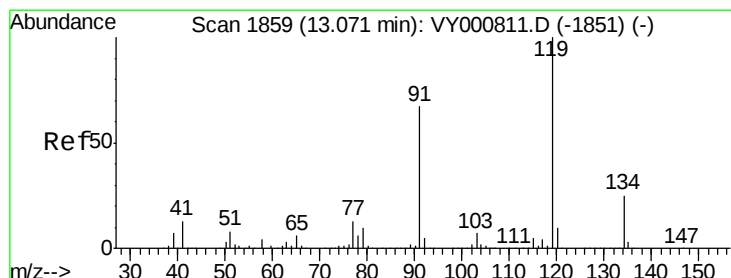
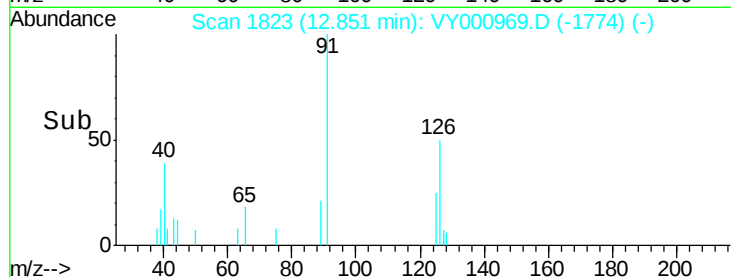
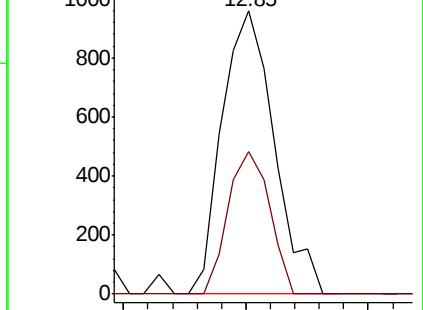
91 100

126 40.1 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1819) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1819) (-)



#83

tert-Butylbenzene

Concen: 7.525 ug/l

RT: 13.06 min Scan# 1858

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

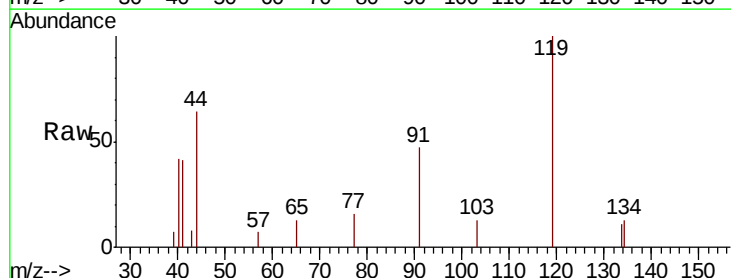
Tgt Ion: 119 Resp: 1212

Ion Ratio Lower Upper

119 100

91 59.1 32.3 96.8

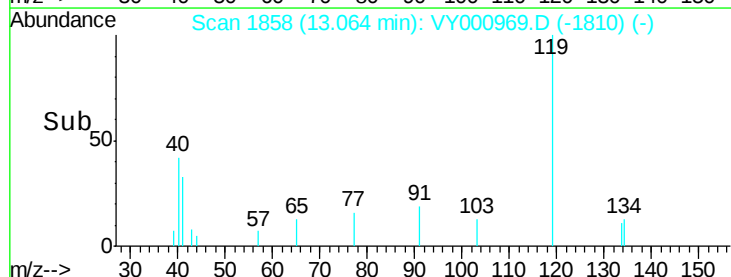
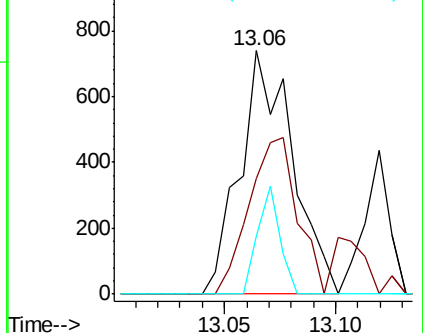
134 18.9 12.9 38.7

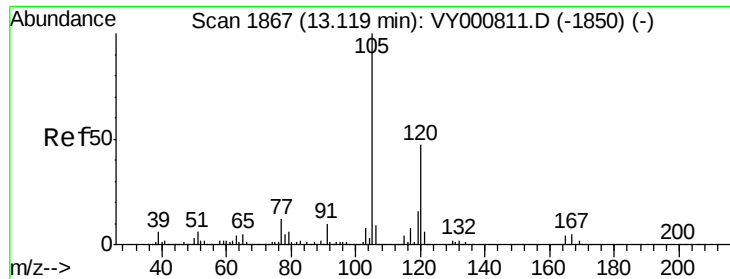


Abundance Ion 119.00 (118.70 to 119.70): VY000811.D (-1851) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1851) (-)

Ion 134.00 (133.70 to 134.70): VY000811.D (-1851) (-)

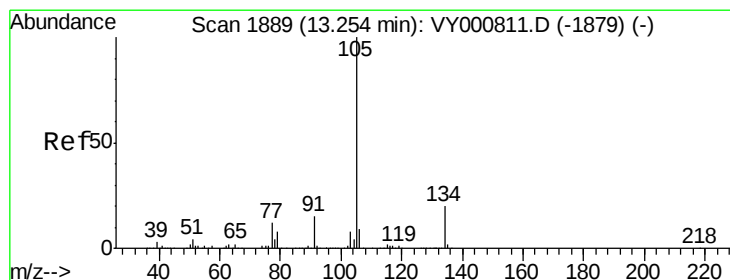
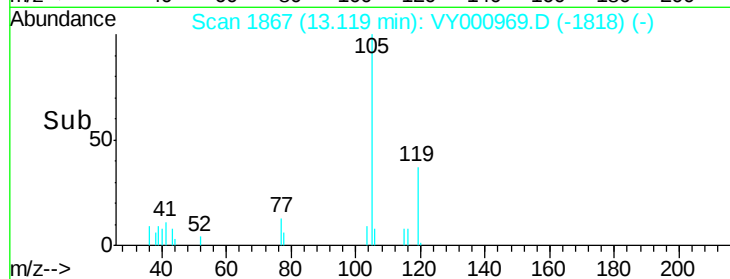
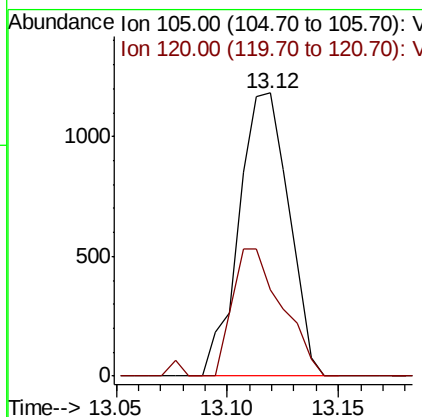
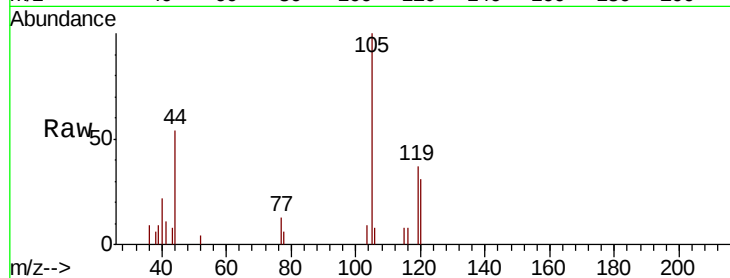




#84
 1,2,4-Trimethylbenzene
 Concen: 9.662 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

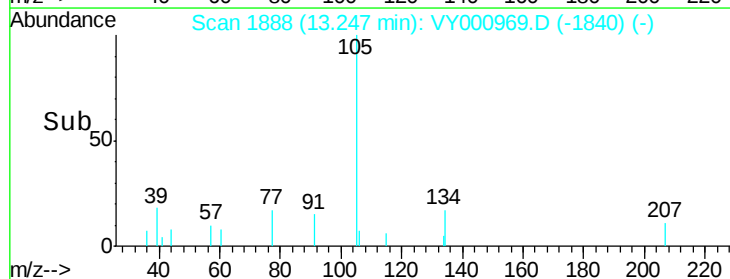
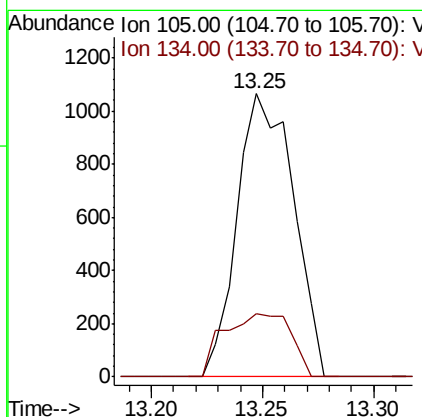
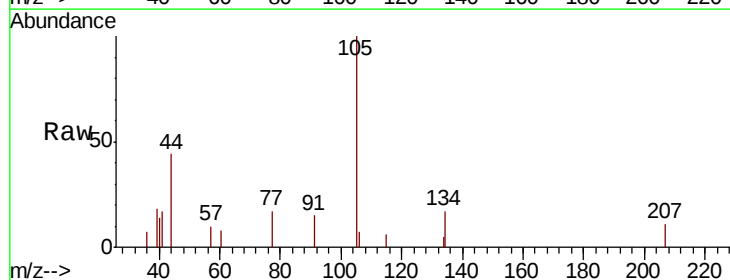
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB

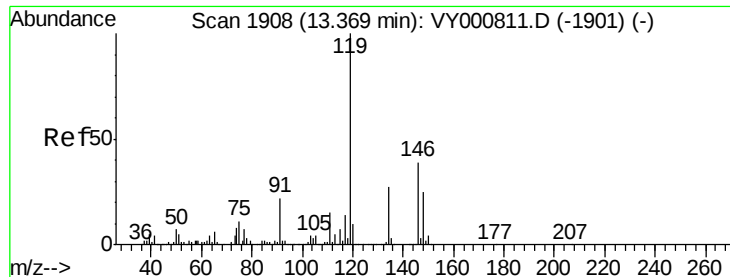
Tgt Ion:105 Resp: 1852
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 8.017 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion:105 Resp: 1878
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.1 30.1

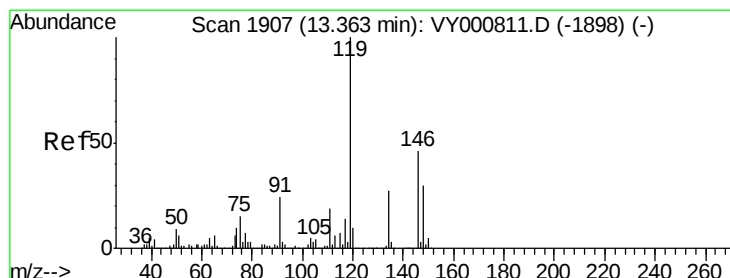
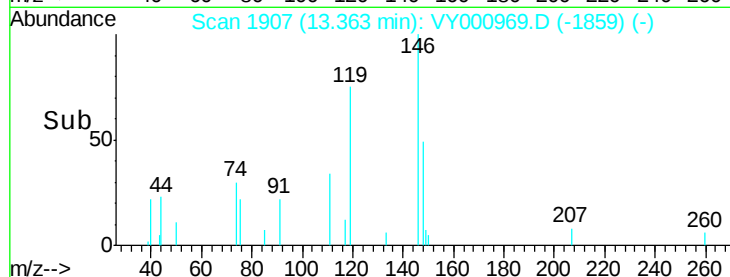
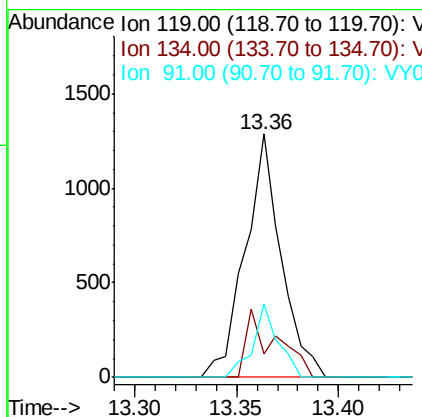
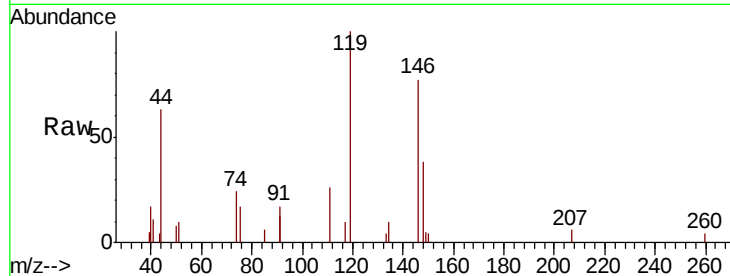




#86
 p-Isopropyltoluene
 Concen: 7.760 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

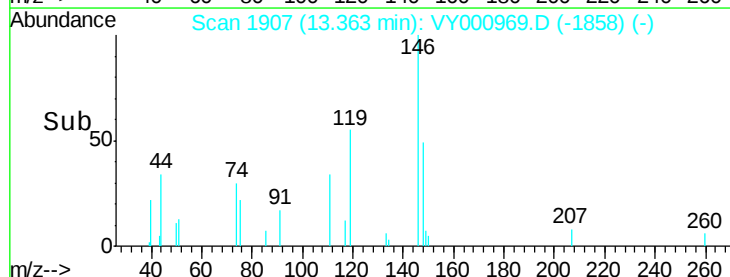
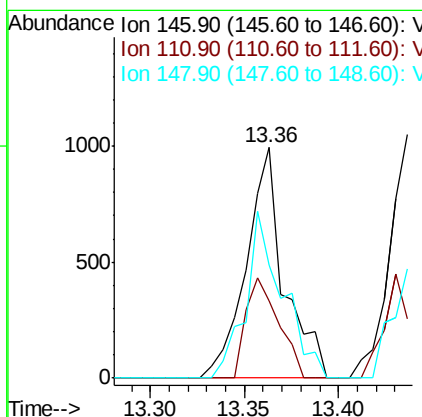
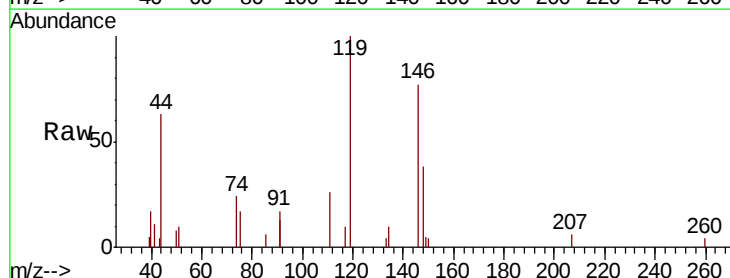
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

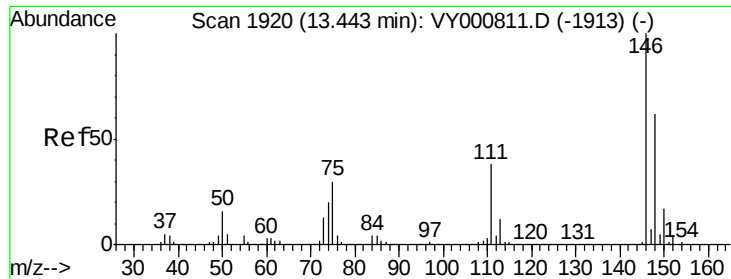
Tgt Ion:119 Resp: 1581
 Ion Ratio Lower Upper
 119 100
 134 22.7 13.5 40.4
 91 21.1 11.5 34.5



#87
 1,3-Dichlorobenzene
 Concen: 14.056 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Tgt Ion:146 Resp: 1383
 Ion Ratio Lower Upper
 146 100
 111 37.5 20.0 60.0
 148 70.4 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 17.573 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

BFB

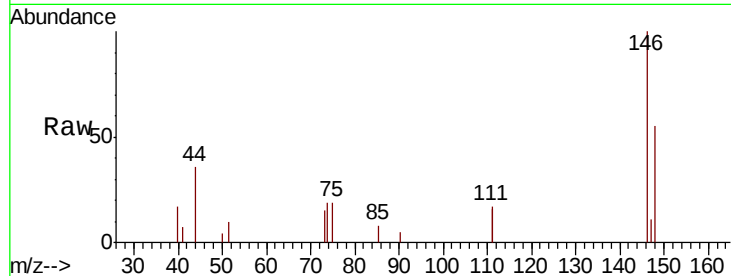
Tgt Ion: 146 Resp: 1712

Ion Ratio Lower Upper

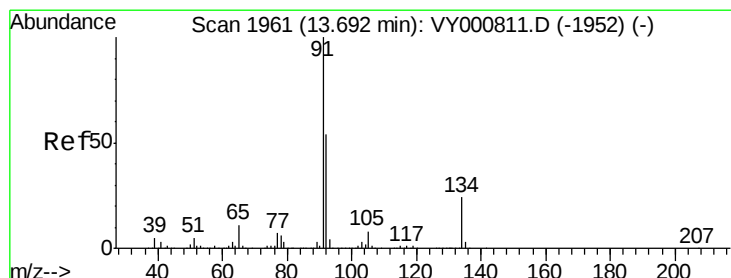
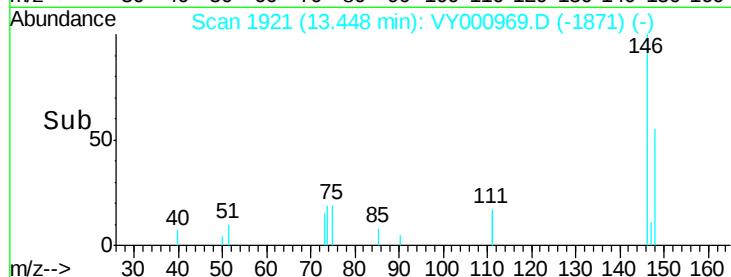
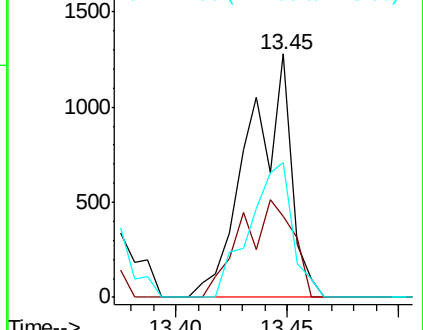
146 100

111 48.5 20.0 59.9

148 55.8 31.7 95.1



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: 9.272 ug/l

RT: 13.69 min Scan# 1960

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

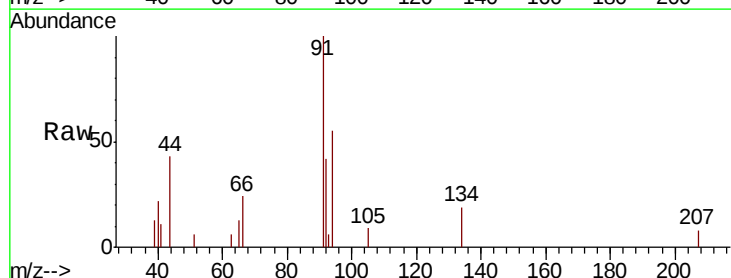
Tgt Ion: 91 Resp: 1910

Ion Ratio Lower Upper

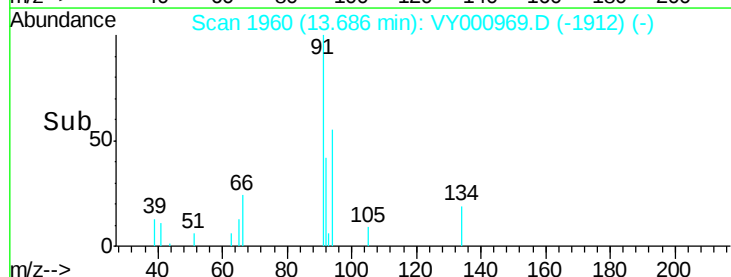
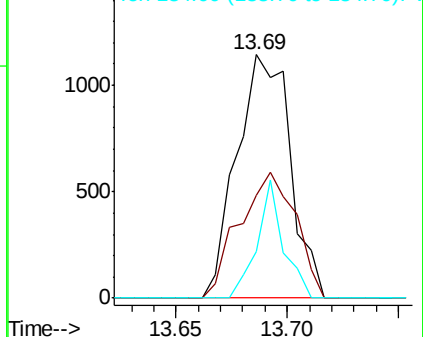
91 100

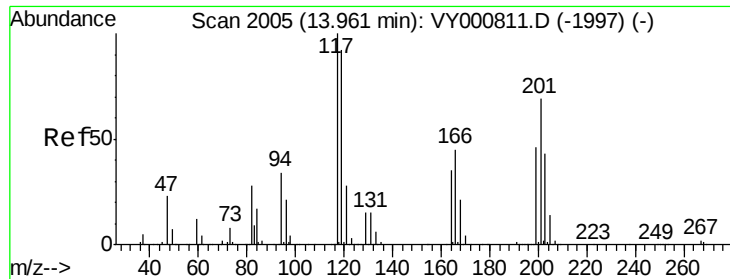
92 54.3 26.9 80.7

134 23.8 12.6 37.6



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: 4.423 ug/l

RT: 13.95 min Scan# 2003

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampleId :

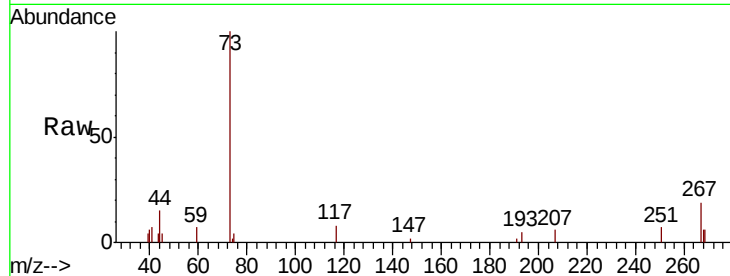
BFB

Tgt Ion:117 Resp: 166

Ion Ratio Lower Upper

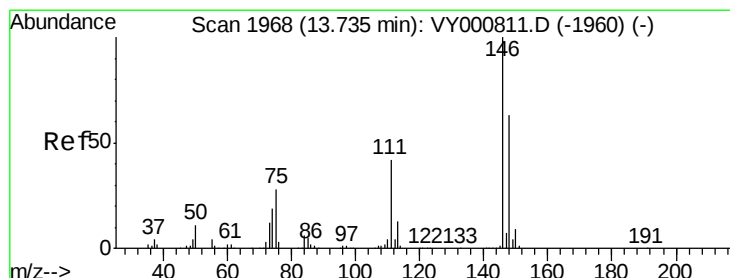
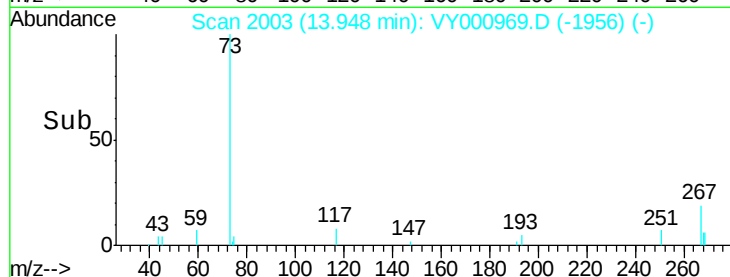
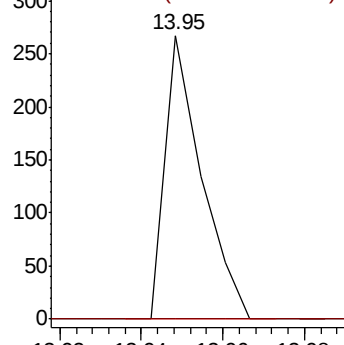
117 100

201 0.0 34.0 102.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 17.627 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

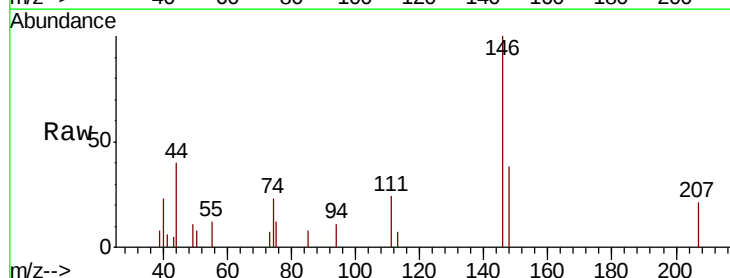
Tgt Ion:146 Resp: 1560

Ion Ratio Lower Upper

146 100

111 29.6 20.9 62.7

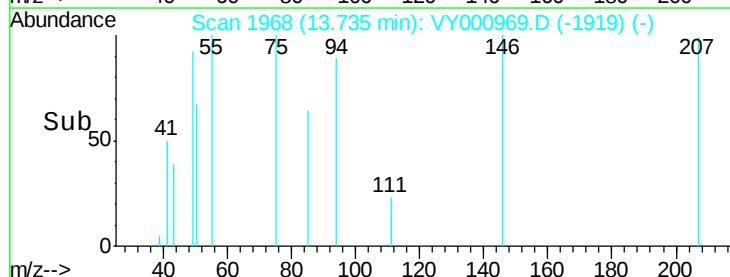
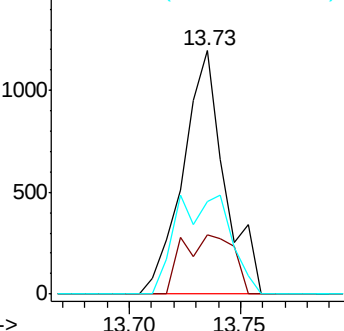
148 52.9 32.1 96.3

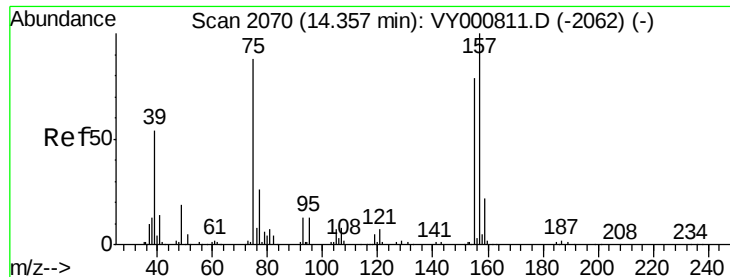


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 7.861 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

BFB

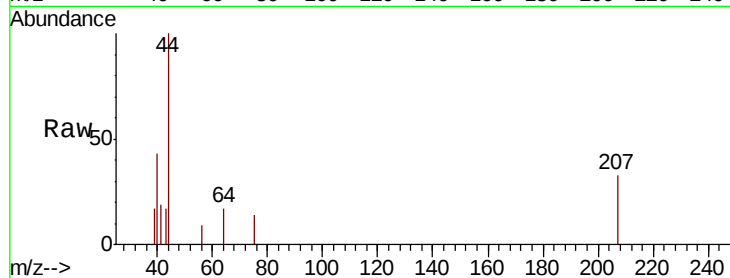
Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

155 0.0 44.3 132.9#

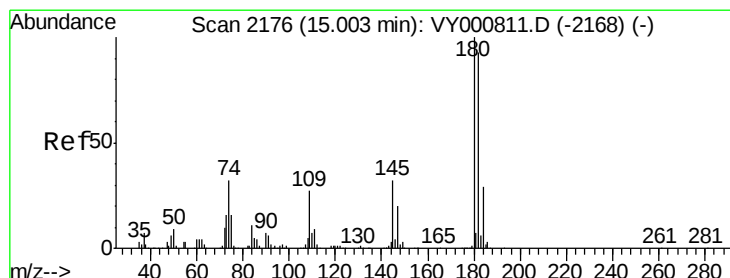
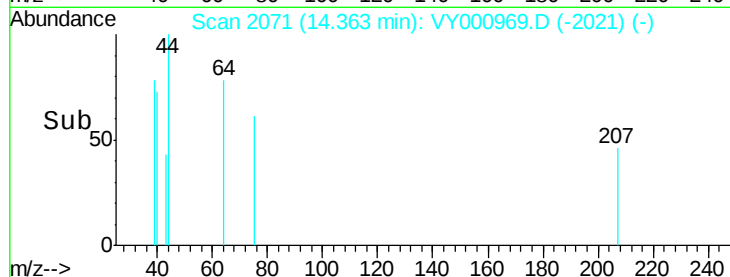
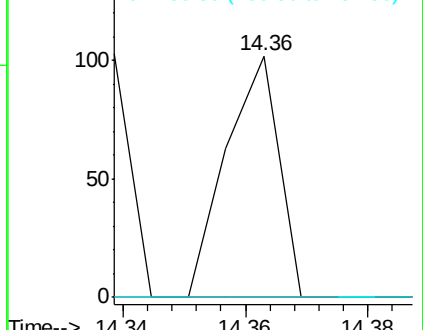
157 0.0 56.3 168.9#



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: 23.795 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

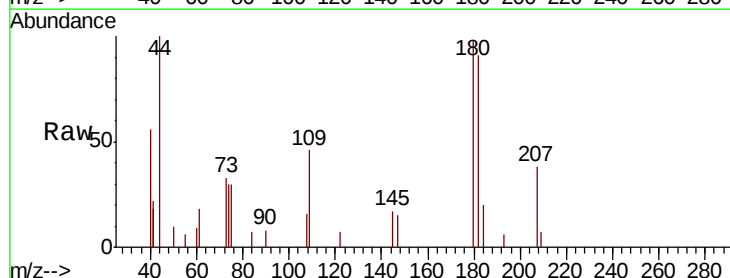
Tgt Ion: 180 Resp: 1425

Ion Ratio Lower Upper

180 100

182 91.6 47.3 141.9

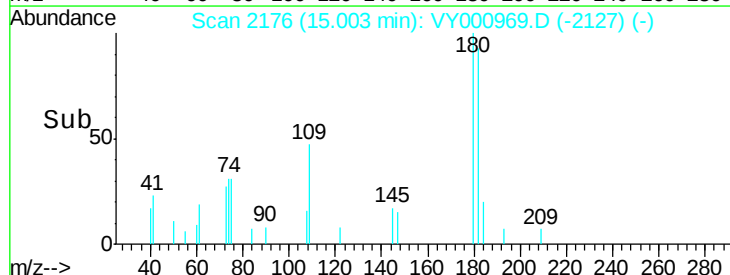
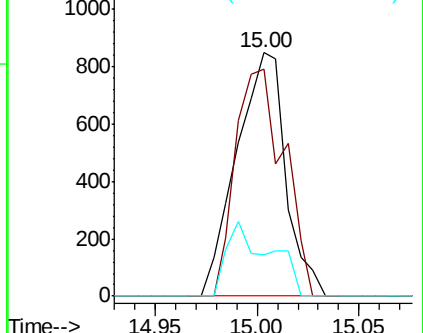
145 26.6 16.0 47.9

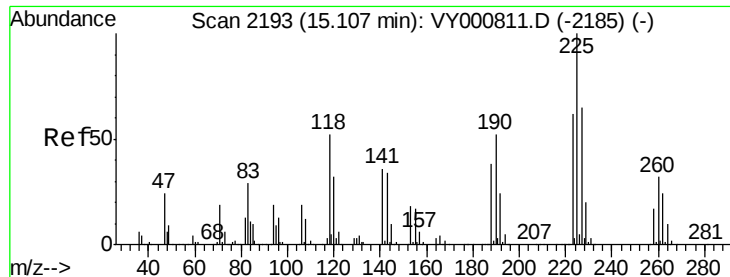


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 6.466 ug/l

RT: 15.10 min Scan# 2192

Delta R.T. -0.01 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

Instrument :

MSVOA_Y

ClientSampled :

BFB

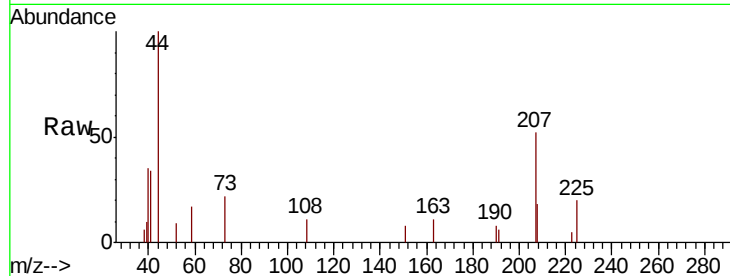
Tgt Ion:225 Resp: 192

Ion Ratio Lower Upper

225 100

223 58.9 31.4 94.3

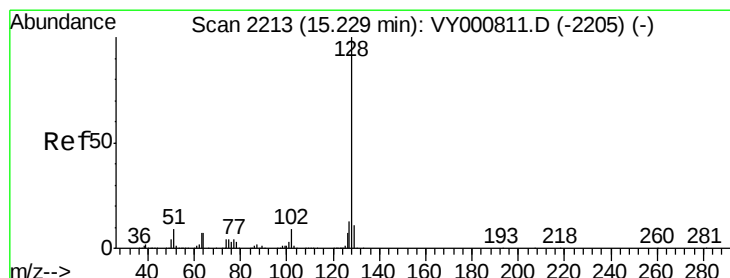
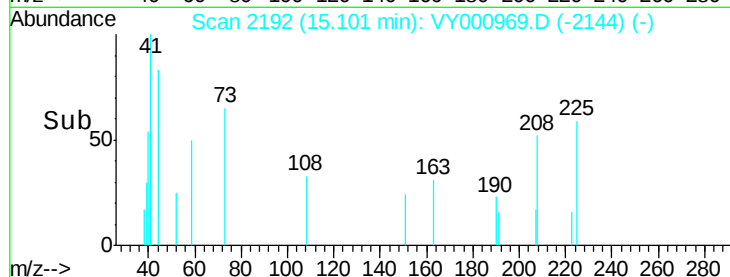
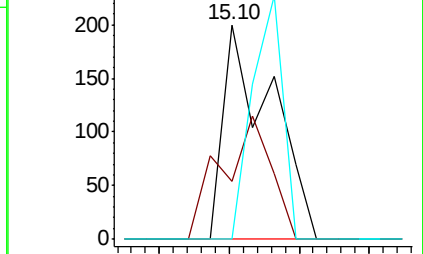
227 70.8 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 37.668 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000969.D

Acq: 16 Dec 2019 20:36

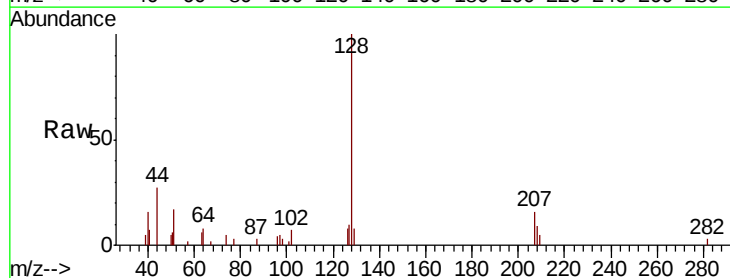
Tgt Ion:128 Resp: 5238

Ion Ratio Lower Upper

128 100

127 11.1 10.1 15.1

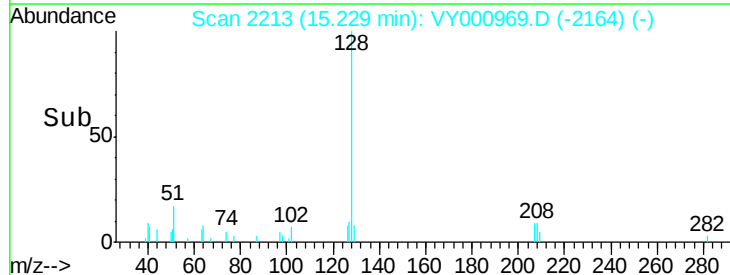
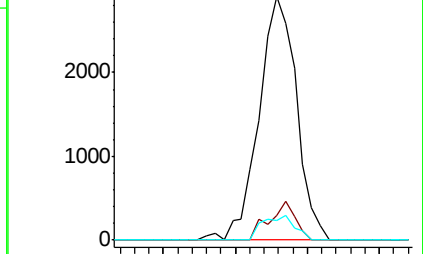
129 8.6 8.8 13.2#

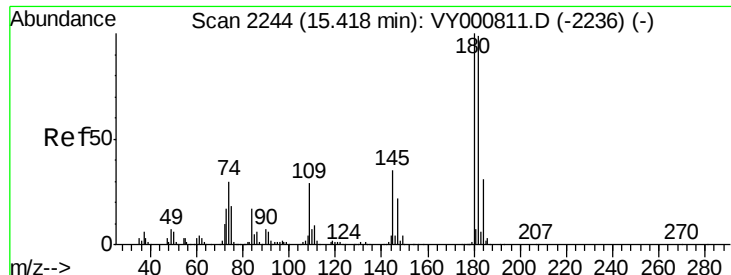


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 22.284 ug/l
 RT: 15.41 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: VY000969.D
 Acq: 16 Dec 2019 20:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 1192
 Ion Ratio Lower Upper
 180 100
 182 98.6 48.0 144.0
 145 45.7 16.9 50.6

