

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : MFF.D
 Acq On : 03 Oct 2019 13:43
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 05:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	134911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	202794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	180591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	5317	3.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.54%	
35) Dibromofluoromethane	7.72	113	4605	3.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.32%	
50) Toluene-d8	10.19	98	17427	3.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.26%	
62) 4-Bromofluorobenzene	12.49	95	6301	3.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	898	1.000	ug/l	91
3) Chloromethane	2.11	50	2503	2.689	ug/l #	87
4) Vinyl Chloride	2.25	62	1354	1.341	ug/l	95
5) Bromomethane	2.60	94	173	0.262	ug/l #	3
6) Chloroethane	2.79	64	1163	1.654	ug/l #	61
7) Trichlorofluoromethane	3.13	101	1308	0.812	ug/l #	67
8) Diethyl Ether	3.52	74	407	0.571	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.90	101	773	0.759	ug/l	97
10) Methyl Iodide	4.09	142	1404	1.015	ug/l	99
11) Tert butyl alcohol	4.97	59	3088	4.569	ug/l #	81
12) 1,1-Dichloroethene	3.88	96	1066	1.113	ug/l #	68
13) Acrolein	3.74	56	3614	12.412	ug/l #	77
14) Allyl chloride	4.48	41	1593	1.194	ug/l #	77
15) Acrylonitrile	5.19	53	5796	5.339	ug/l	92
16) Acetone	3.96	43	6668	7.402	ug/l	100
17) Carbon Disulfide	4.19	76	3160	1.639	ug/l	96
18) Methyl Acetate	4.50	43	2233	0.887	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	2541	0.658	ug/l #	62
20) Methylene Chloride	4.72	84	2226	1.888	ug/l #	74
21) trans-1,2-Dichloroethene	5.21	96	1128	1.092	ug/l #	71
22) Diisopropyl ether	6.13	45	2729	0.771	ug/l #	70
23) Vinyl Acetate	6.07	43	13815	4.541	ug/l #	92
24) 1,1-Dichloroethane	6.03	63	1804	0.953	ug/l #	75
25) 2-Butanone	7.00	43	7606	4.749	ug/l	96
26) 2,2-Dichloropropane	7.00	77	2194	1.192	ug/l #	64
27) cis-1,2-Dichloroethene	6.99	96	1553	1.144	ug/l	86
28) Bromochloromethane	7.34	49	2856	3.834	ug/l #	75
29) Tetrahydrofuran	7.36	42	5163	4.831	ug/l #	87
30) Chloroform	7.52	83	2709	1.249	ug/l	89
31) Cyclohexane	7.80	56	3804	2.741	ug/l #	28
32) 1,1,1-Trichloroethane	7.71	97	1759	0.951	ug/l #	46
36) 1,1-Dichloropropene	7.92	75	1770	1.333	ug/l #	81
37) Ethyl Acetate	7.08	43	2261	0.911	ug/l #	85
38) Carbon Tetrachloride	7.91	117	1322	0.812	ug/l #	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
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 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 05:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	1815	1.158	ug/l #	73
40) Benzene	8.18	78	4275	0.971	ug/l	93
41) Methacrylonitrile	7.36	41	4155	3.530	ug/l #	4
42) 1,2-Dichloroethane	8.24	62	1824	1.191	ug/l	83
43) Isopropyl Acetate	8.28	43	3149	0.941	ug/l #	84
44) Trichloroethene	8.94	130	1477	1.075	ug/l	84
45) 1,2-Dichloropropane	9.24	63	1313	1.162	ug/l #	88
46) Dibromomethane	9.31	93	993	1.181	ug/l #	80
47) Bromodichloromethane	9.50	83	1537	0.895	ug/l #	66
48) Methyl methacrylate	9.30	41	1681	1.127	ug/l #	73
49) 1,4-Dioxane	9.32	88	522	11.226	ug/l #	84
51) 4-Methyl-2-Pentanone	10.08	43	9238	3.500	ug/l #	82
52) Toluene	10.25	92	2780	0.954	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	2003	1.062	ug/l #	71
54) cis-1,3-Dichloropropene	9.94	75	1717	0.873	ug/l #	85
55) 1,1,2-Trichloroethane	10.64	97	1536	1.147	ug/l #	73
56) Ethyl methacrylate	10.51	69	1604	0.772	ug/l #	67
57) 1,3-Dichloropropane	10.79	76	1884	0.904	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	11120	10.483	ug/l	95
59) 2-Hexanone	10.84	43	8615	3.874	ug/l	94
60) Dibromochloromethane	10.99	129	1302	0.845	ug/l	100
61) 1,2-Dibromoethane	11.10	107	1419	1.045	ug/l	98
64) Tetrachloroethene	10.72	164	1363	0.969	ug/l #	83
65) Chlorobenzene	11.52	112	2969	0.867	ug/l #	58
66) 1,1,1,2-Tetrachloroethane	11.60	131	984	0.697	ug/l #	46
67) Ethyl Benzene	11.60	91	4927	0.862	ug/l	93
68) m/p-Xylenes	11.71	106	4117	1.816	ug/l	96
69) o-Xylene	12.03	106	1911	0.841	ug/l	97
70) Styrene	12.05	104	2730	0.698	ug/l #	84
71) Bromoform	12.20	173	910	0.699	ug/l #	95
73) Isopropylbenzene	12.33	105	4447	0.800	ug/l	96
74) N-amyl acetate	12.14	43	1535	0.628	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.58	83	1501	0.761	ug/l #	96
76) 1,2,3-Trichloropropane	12.64	75	1693	1.148	ug/l #	100
77) Bromobenzene	12.61	156	1577	1.031	ug/l	77
78) n-propylbenzene	12.67	91	4546	0.732	ug/l	99
79) 2-Chlorotoluene	12.75	91	3286	0.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	3207	0.688	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.39	75	609	0.739	ug/l	88
82) 4-Chlorotoluene	12.85	91	3176	0.815	ug/l	99
83) tert-Butylbenzene	13.08	119	3279	0.772	ug/l	89
84) 1,2,4-Trimethylbenzene	13.12	105	3888	0.841	ug/l	87
85) sec-Butylbenzene	13.25	105	4287	0.754	ug/l	97
86) p-Isopropyltoluene	13.37	119	3494	0.670	ug/l	91
87) 1,3-Dichlorobenzene	13.37	146	2291	0.830	ug/l	94
88) 1,4-Dichlorobenzene	13.37	146	2291	0.797	ug/l	93
89) n-Butylbenzene	13.69	91	3042	0.664	ug/l	91
90) Hexachloroethane	13.97	117	806	0.780	ug/l	87
91) 1,2-Dichlorobenzene	13.74	146	2118	0.755	ug/l	76
92) 1,2-Dibromo-3-Chloropropan	14.35	75	646	0.976	ug/l	77

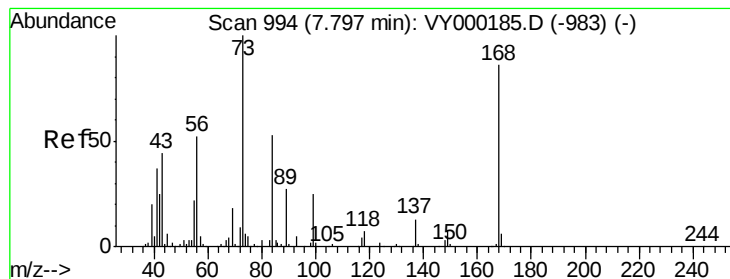
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
Data File : MFF.D
Acq On : 03 Oct 2019 13:43
Operator : SY/MD
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 04 05:35:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 04 05:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	1871	0.911	ug/l	90
94) Hexachlorobutadiene	15.11	225	845	0.885	ug/l	78
95) Naphthalene	15.23	128	6077	0.838	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.42	180	1470	0.724	ug/l	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

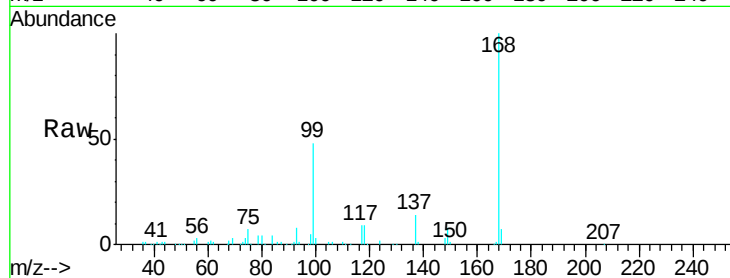
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 134911

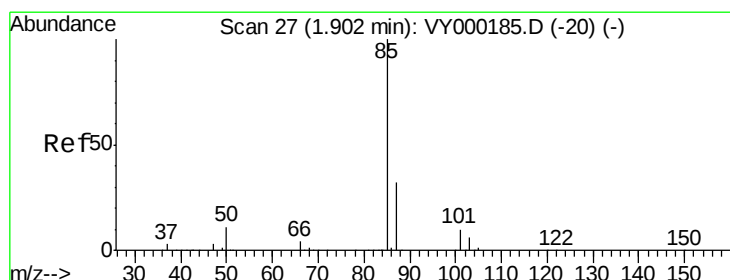
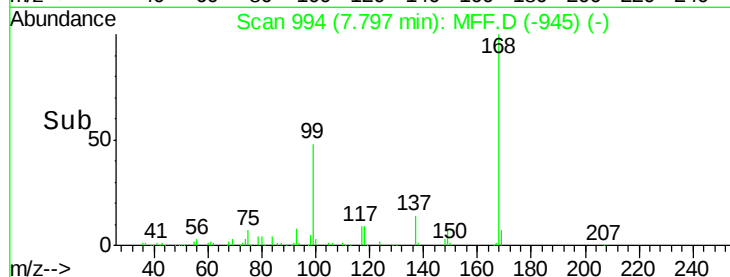
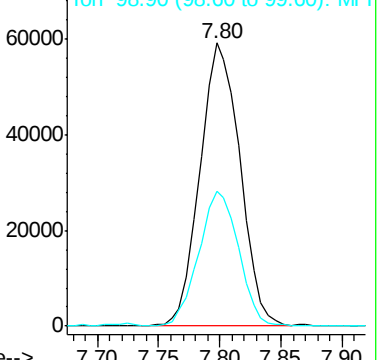
Ion Ratio Lower Upper

168 100

99 47.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): MFF



#2

Dichlorodifluoromethane

Concen: 1.000 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: MFF.D

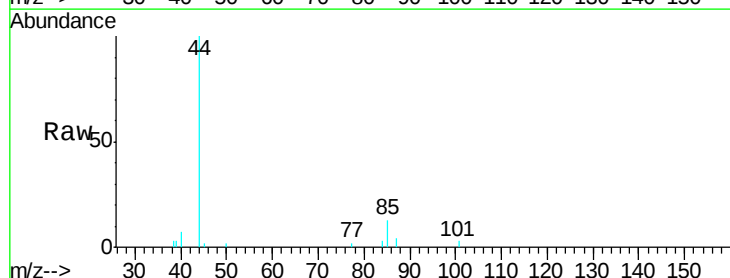
Acq: 03 Oct 2019 13:43

Tgt Ion: 85 Resp: 898

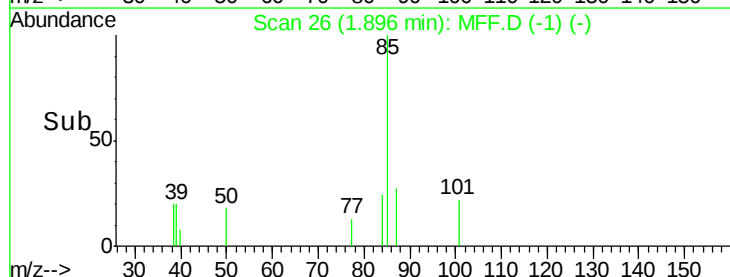
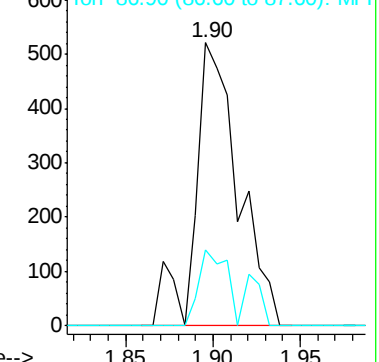
Ion Ratio Lower Upper

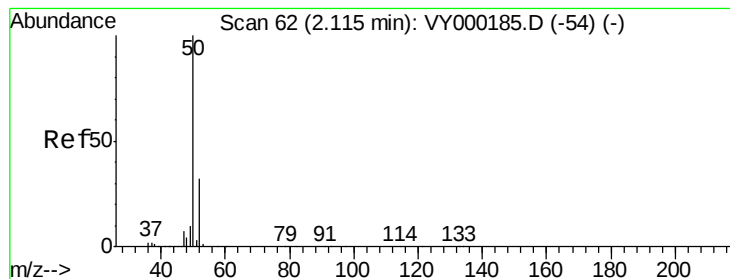
85 100

87 26.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): MFF





#3

Chloromethane

Concen: 2.689 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

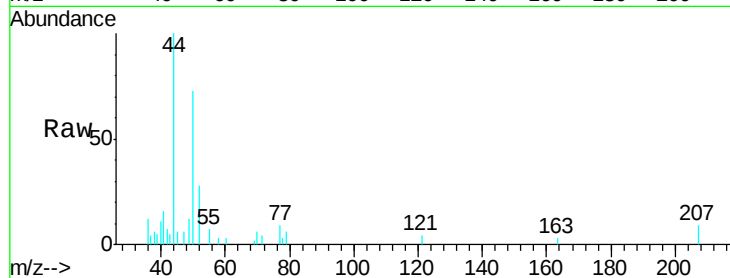
ClientSampleId :

Tgt Ion: 50 Resp: 2503

Ion Ratio Lower Upper

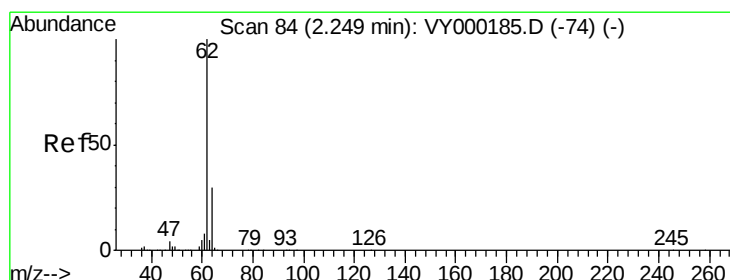
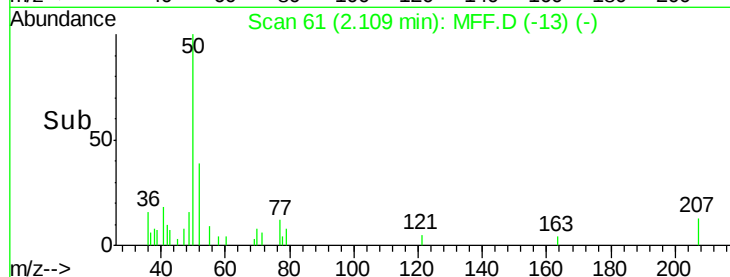
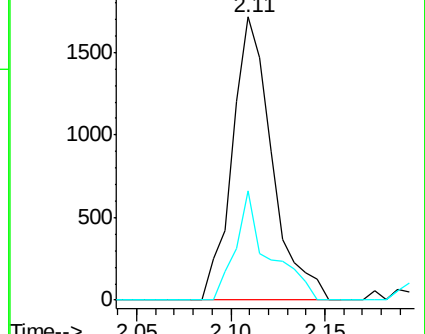
50 100

52 38.8 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): MFF

Ion 51.90 (51.60 to 52.60): MFF



#4

Vinyl Chloride

Concen: 1.341 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: MFF.D

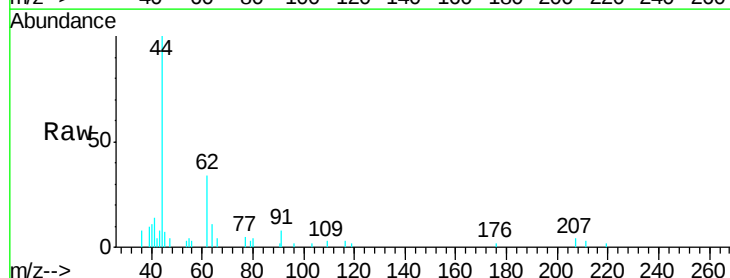
Acq: 03 Oct 2019 13:43

Tgt Ion: 62 Resp: 1354

Ion Ratio Lower Upper

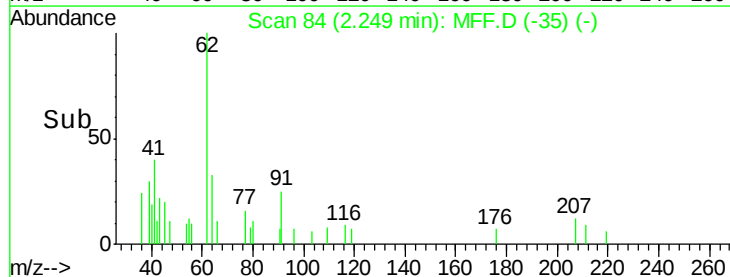
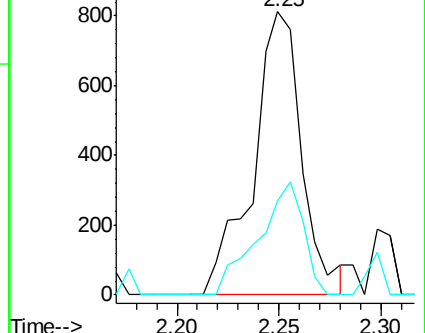
62 100

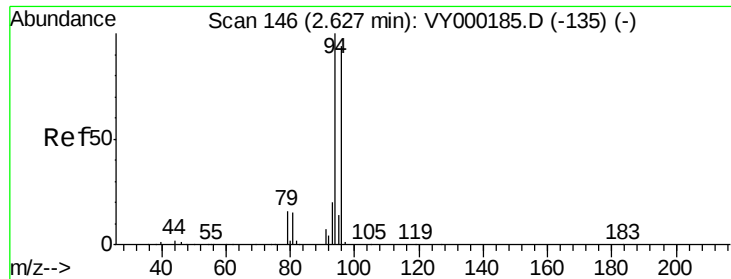
64 33.4 24.3 36.5



Abundance Ion 61.90 (61.60 to 62.60): MFF

Ion 63.90 (63.60 to 64.60): MFF





#5

Bromomethane

Concen: 0.262 ug/l

RT: 2.60 min Scan# 142

Delta R.T. -0.02 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

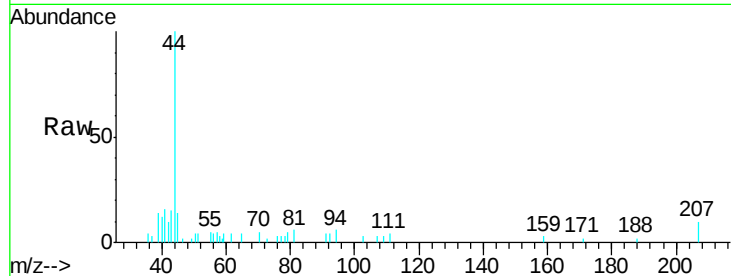
ClientSampled :

Tgt Ion: 94 Resp: 173

Ion Ratio Lower Upper

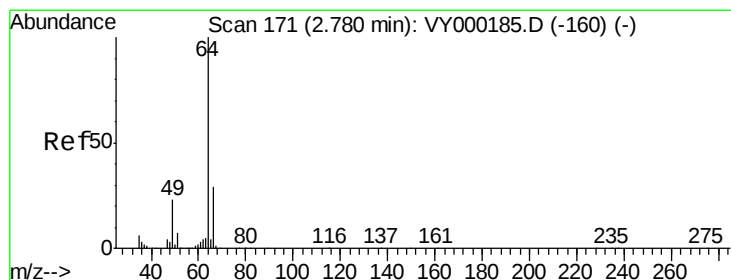
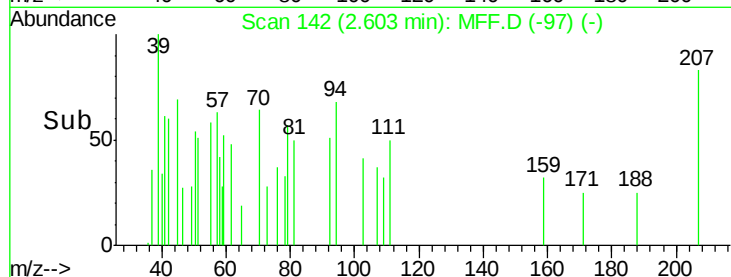
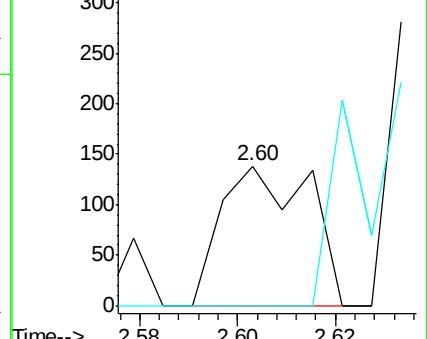
94 100

96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): MFF

Ion 95.90 (95.60 to 96.60): MFF



#6

Chloroethane

Concen: 1.654 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: MFF.D

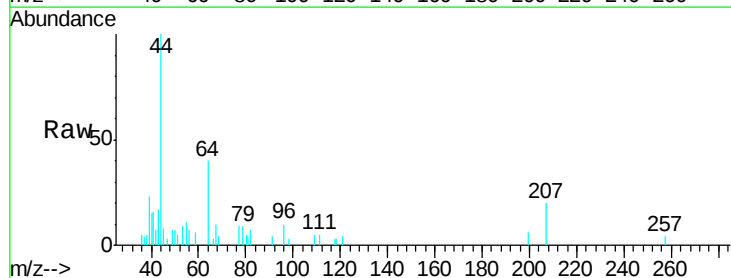
Acq: 03 Oct 2019 13:43

Tgt Ion: 64 Resp: 1163

Ion Ratio Lower Upper

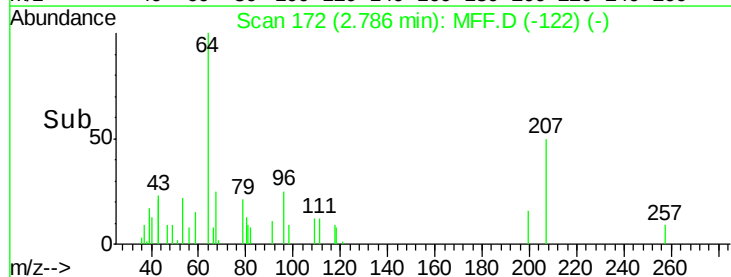
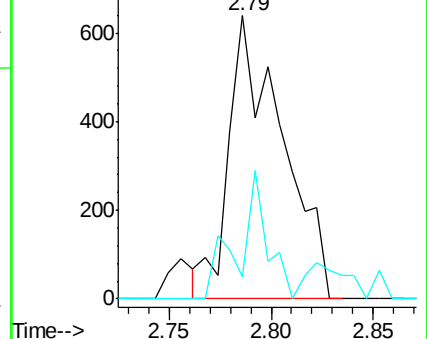
64 100

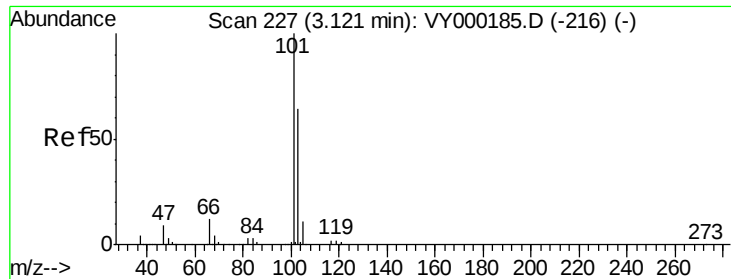
66 8.0 23.1 34.7#



Abundance Ion 63.90 (63.60 to 64.60): MFF

Ion 65.90 (65.60 to 66.60): MFF



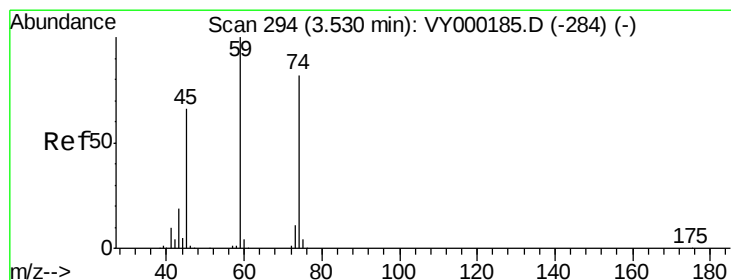
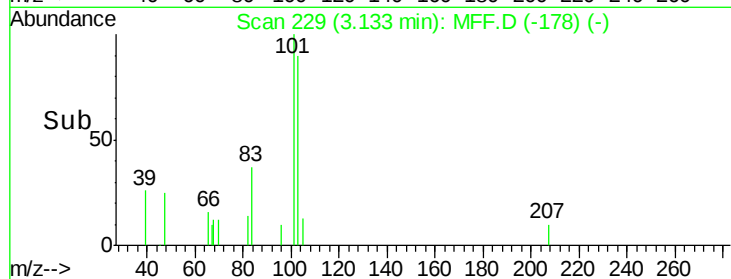
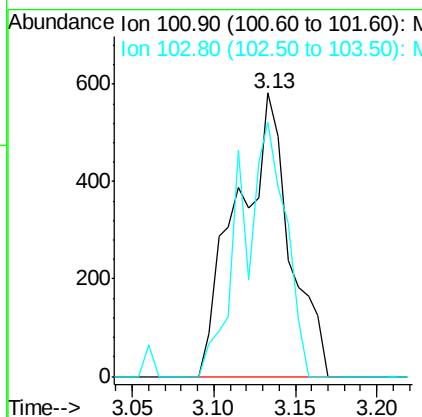
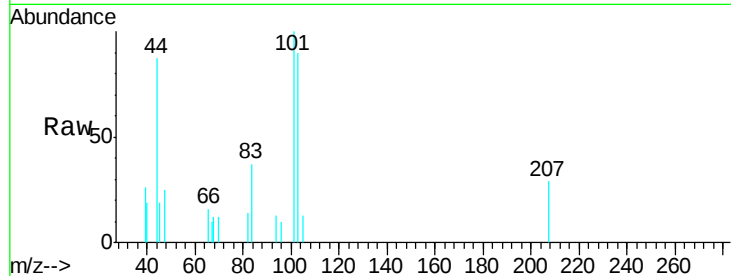


#7

Trichlorofluoromethane
 Concen: 0.812 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Instrument :
 MSVOA_Y
 ClientSampled :

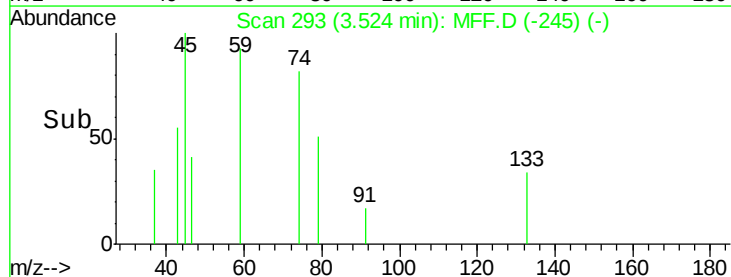
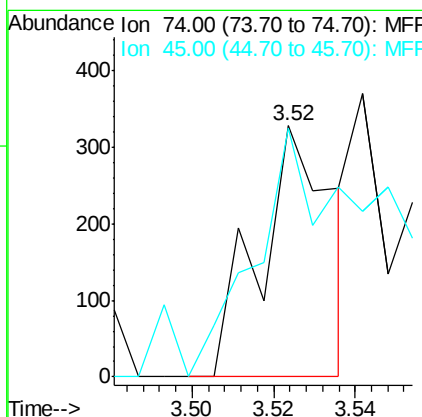
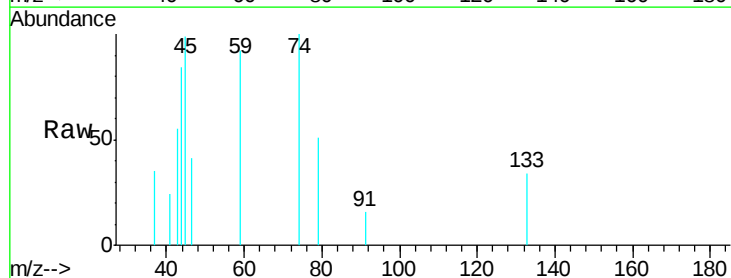
Tgt Ion: 101 Resp: 1308
 Ion Ratio Lower Upper
 101 100
 103 89.9 51.3 76.9#

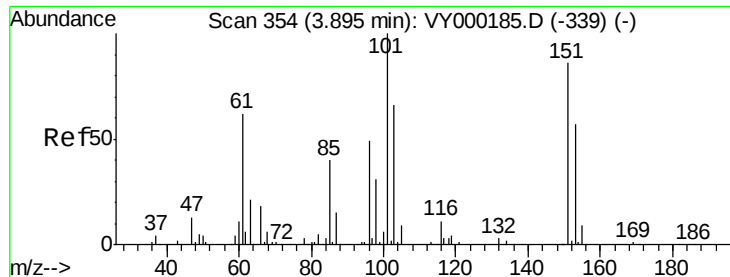


#8

Diethyl Ether
 Concen: 0.571 ug/l
 RT: 3.52 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 74 Resp: 407
 Ion Ratio Lower Upper
 74 100
 45 189.4 40.6 121.7#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.759 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

ClientSampleId :

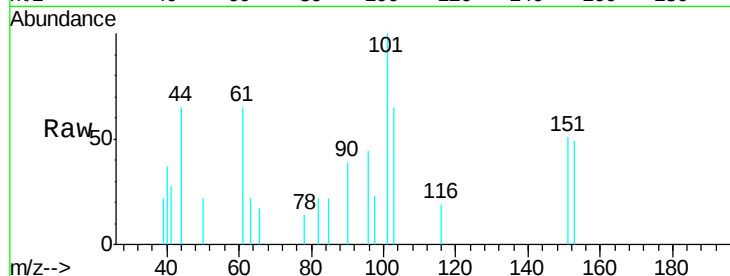
Tgt Ion:101 Resp: 773

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.6

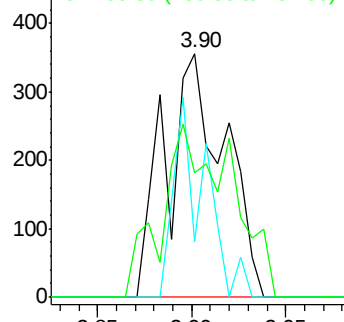
151 83.4 69.7 104.5



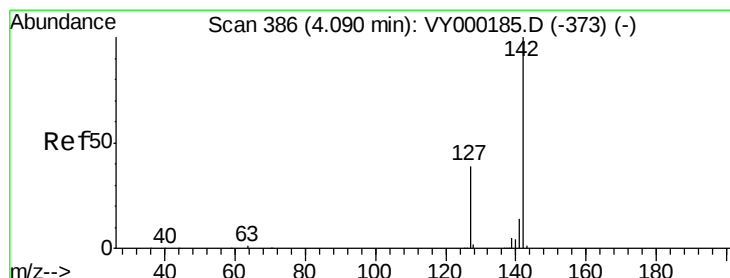
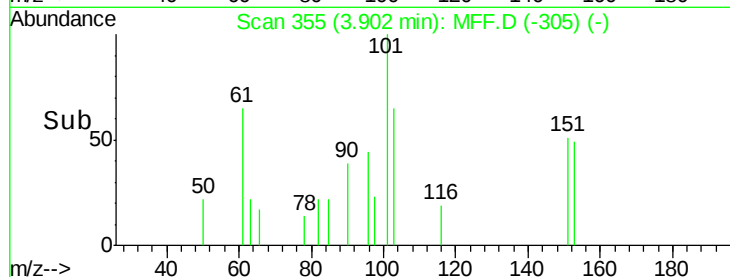
Abundance Ion 100.90 (100.60 to 101.60): N

Ion 84.90 (84.60 to 85.60): MFF

Ion 150.80 (150.50 to 151.50): N



Time-->



#10

Methyl Iodide

Concen: 1.015 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

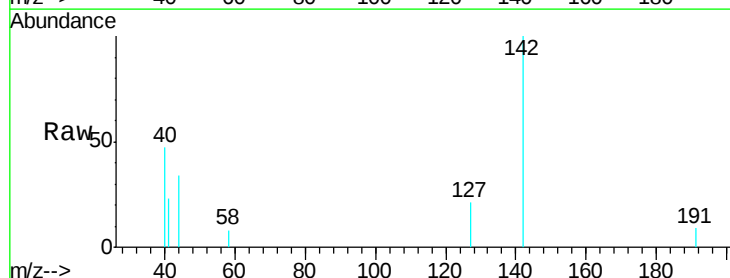
Tgt Ion:142 Resp: 1404

Ion Ratio Lower Upper

142 100

127 39.2 31.7 47.5

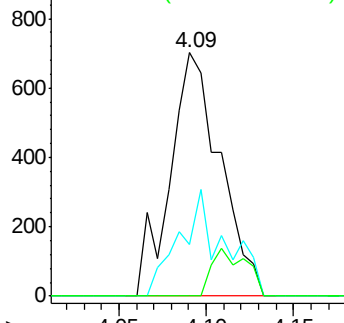
141 13.4 11.0 16.6



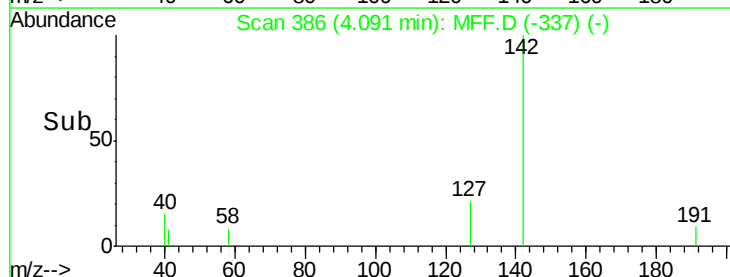
Abundance Ion 141.80 (141.50 to 142.50): N

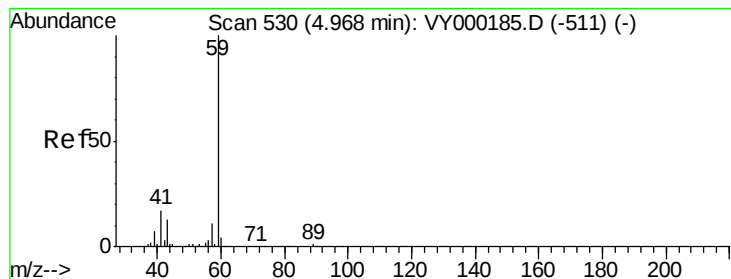
Ion 126.80 (126.50 to 127.50): N

Ion 140.80 (140.50 to 141.50): N



Time-->





#11

Tert butyl alcohol

Concen: 4.569 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

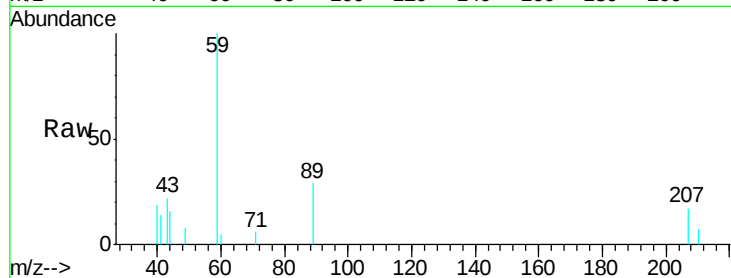
ClientSampled :

Tgt Ion: 59 Resp: 3088

Ion Ratio Lower Upper

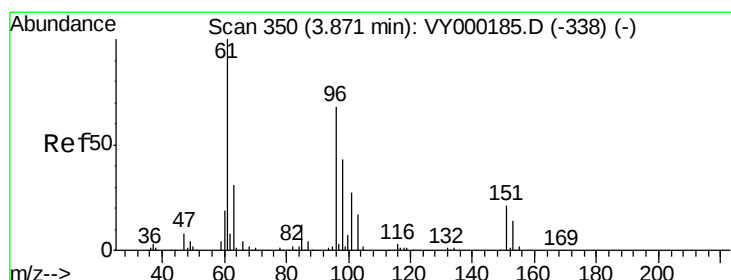
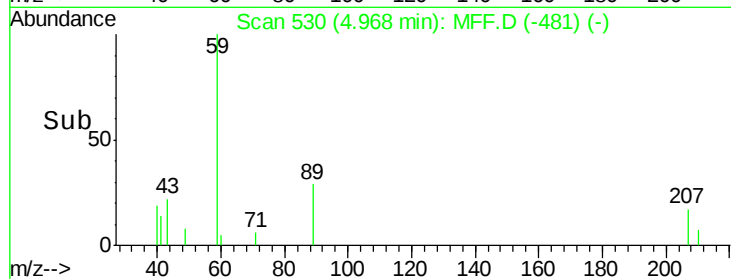
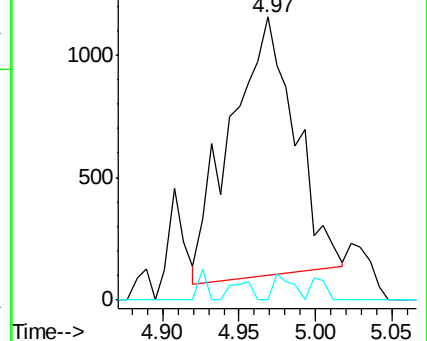
59 100

57 2.9 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): MFF

Ion 57.00 (56.70 to 57.70): MFF



#12

1,1-Dichloroethene

Concen: 1.113 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

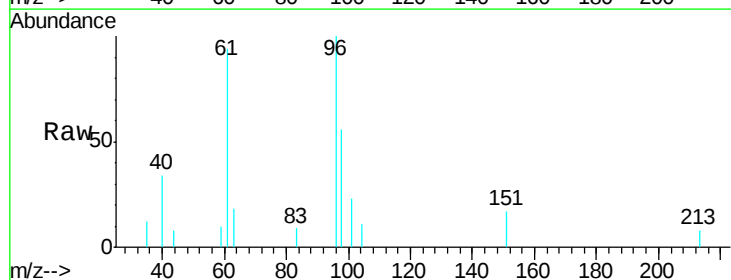
Tgt Ion: 96 Resp: 1066

Ion Ratio Lower Upper

96 100

61 93.8 117.1 175.7#

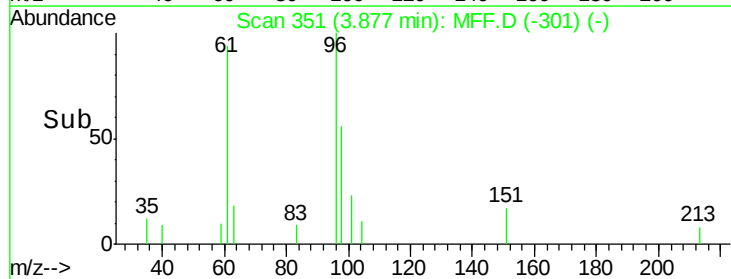
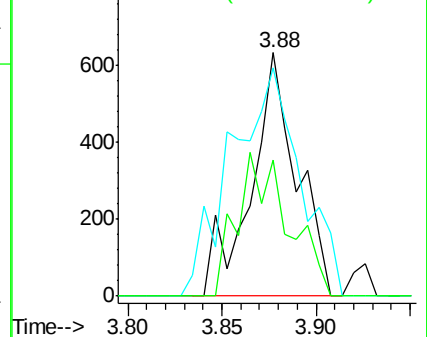
98 56.2 50.3 75.5

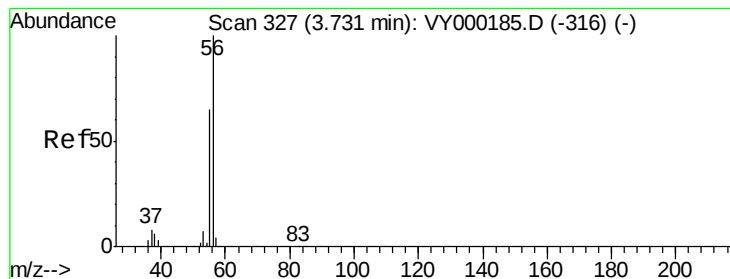


Abundance Ion 95.90 (95.60 to 96.60): MFF

Ion 60.90 (60.60 to 61.60): MFF

Ion 97.90 (97.60 to 98.60): MFF





#13

Acrolein

Concen: 12.412 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

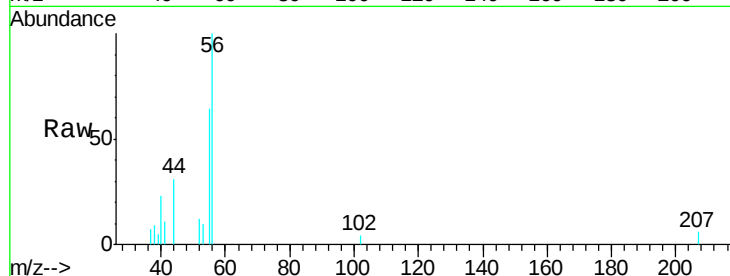
ClientSampled :

Tgt Ion: 56 Resp: 3614

Ion Ratio Lower Upper

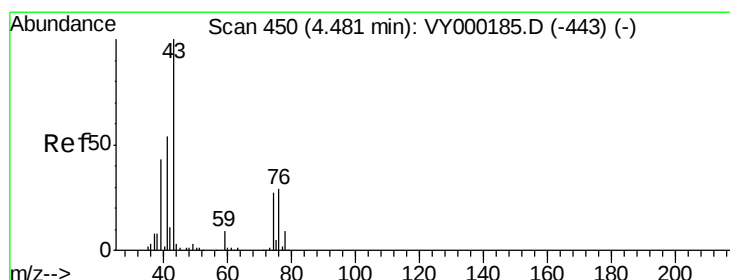
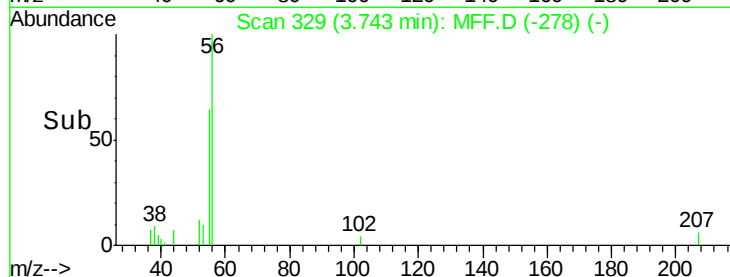
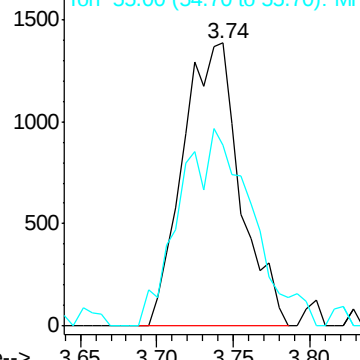
56 100

55 88.1 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): MFF

Ion 55.00 (54.70 to 55.70): MFF



#14

Allyl chloride

Concen: 1.194 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

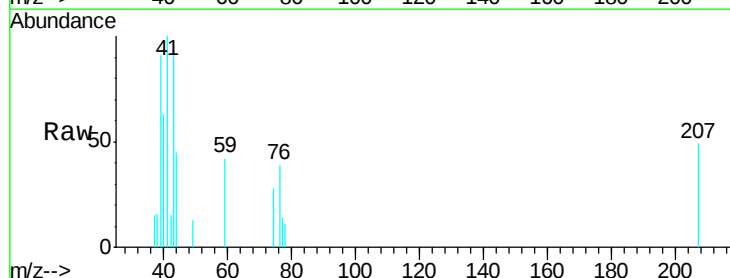
Tgt Ion: 41 Resp: 1593

Ion Ratio Lower Upper

41 100

39 49.3 61.8 92.6#

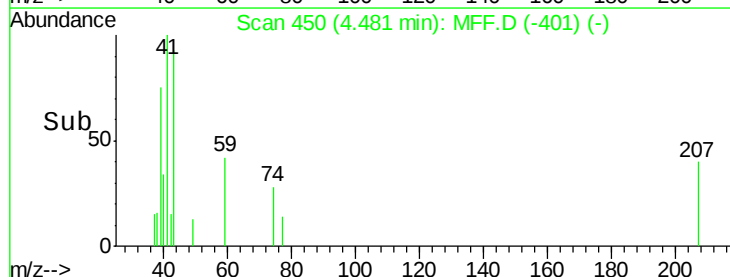
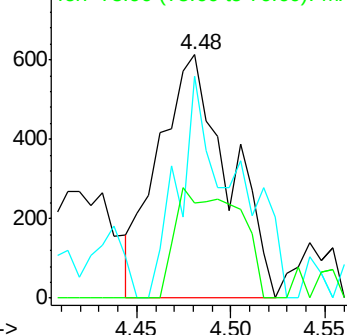
76 40.7 36.2 54.4

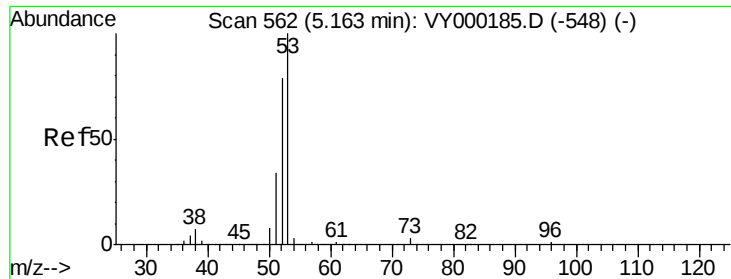


Abundance Ion 41.00 (40.70 to 41.70): MFF

Ion 39.00 (38.70 to 39.70): MFF

Ion 75.90 (75.60 to 76.60): MFF





#15

Acrylonitrile

Concen: 5.339 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.02 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampled :

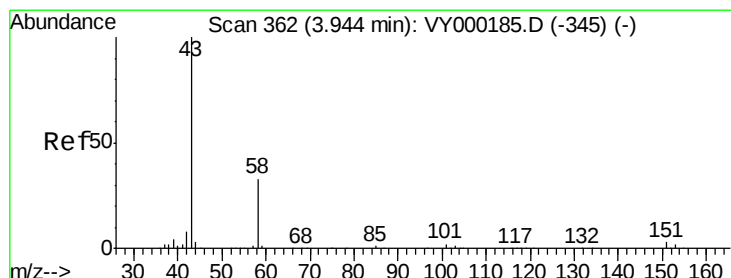
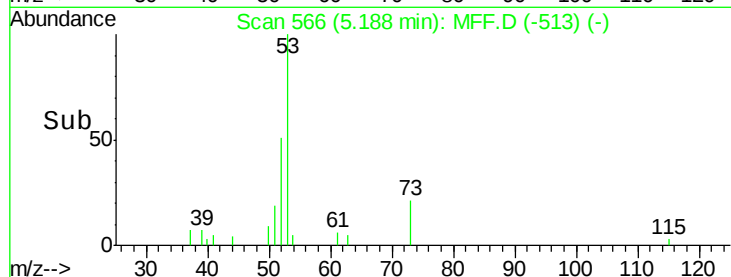
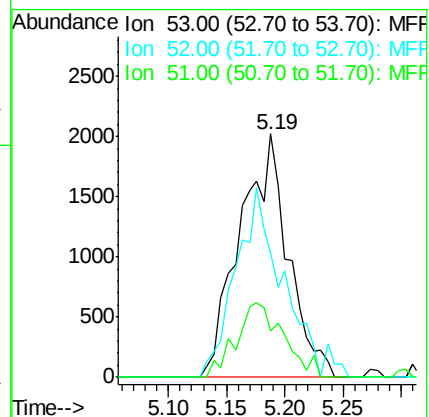
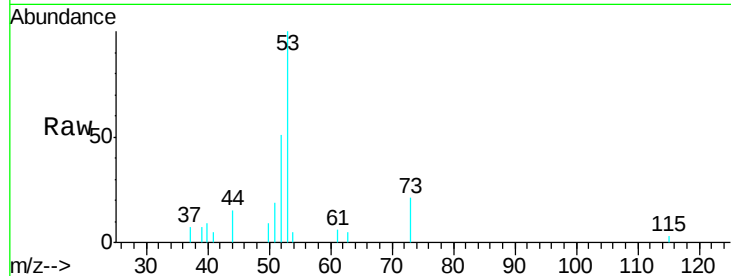
Tgt Ion: 53 Resp: 5796

Ion Ratio Lower Upper

53 100

52 74.0 64.8 97.2

51 29.9 27.7 41.5



#16

Acetone

Concen: 7.402 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: MFF.D

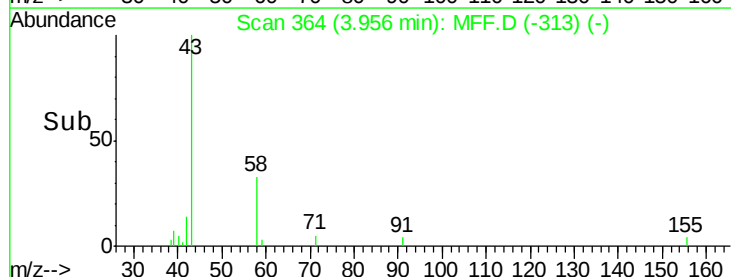
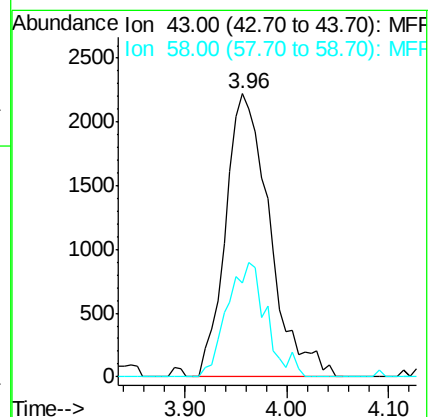
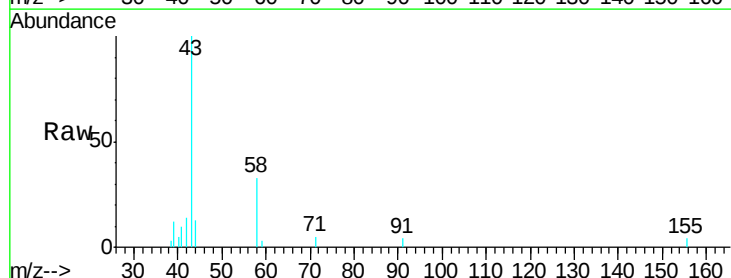
Acq: 03 Oct 2019 13:43

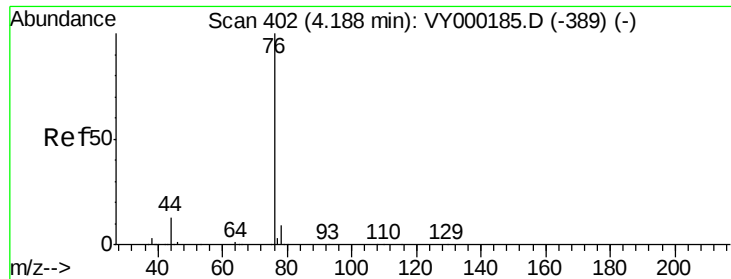
Tgt Ion: 43 Resp: 6668

Ion Ratio Lower Upper

43 100

58 33.3 26.8 40.2





#17

Carbon Disulfide

Concen: 1.639 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

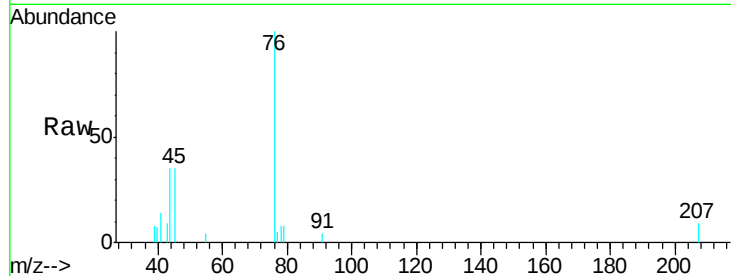
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 76 Resp: 3160

Ion Ratio Lower Upper

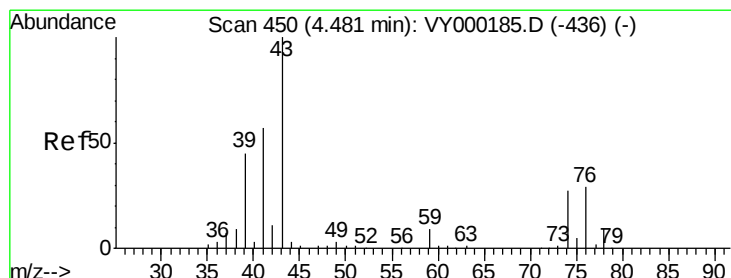
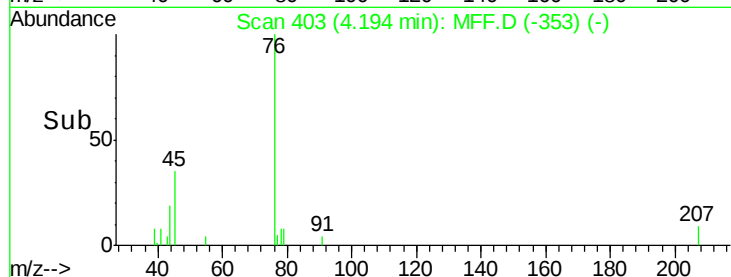
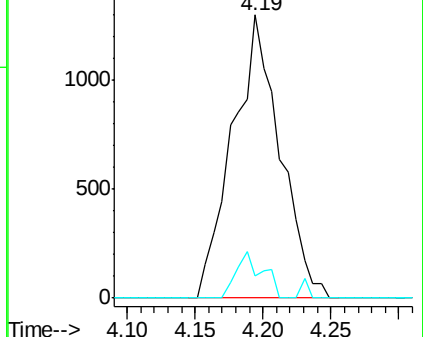
76 100

78 8.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): MFF

Ion 77.90 (77.60 to 78.60): MFF



#18

Methyl Acetate

Concen: 0.887 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.02 min

Lab File: MFF.D

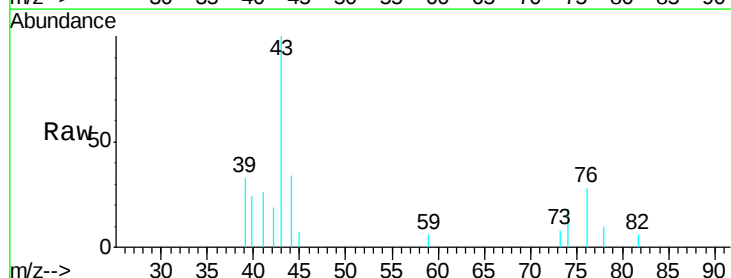
Acq: 03 Oct 2019 13:43

Tgt Ion: 43 Resp: 2233

Ion Ratio Lower Upper

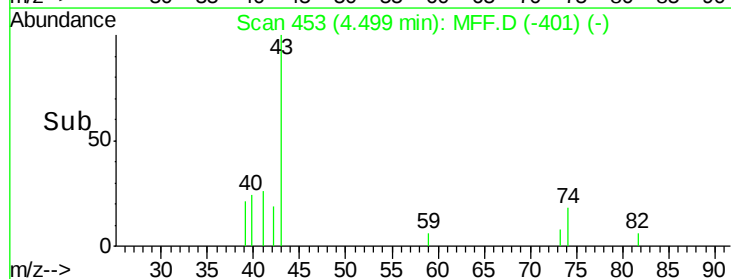
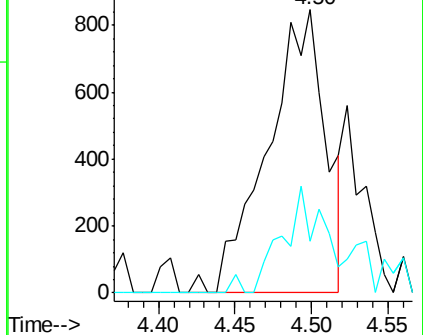
43 100

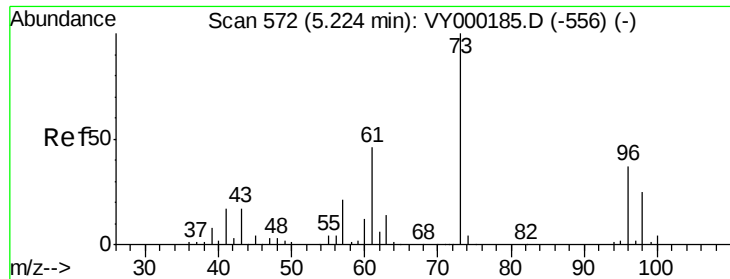
74 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): MFF

Ion 74.00 (73.70 to 74.70): MFF

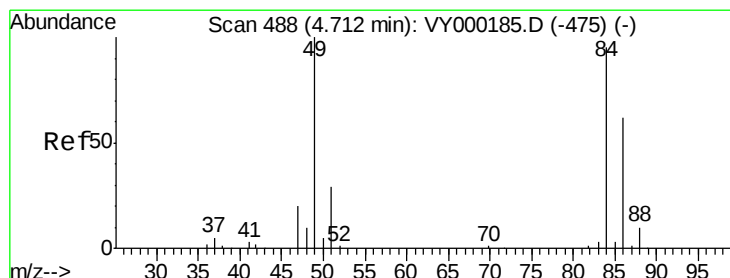
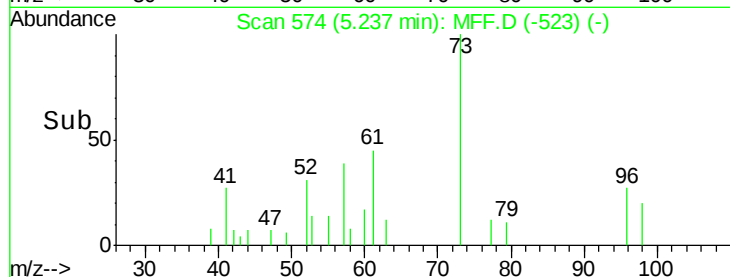
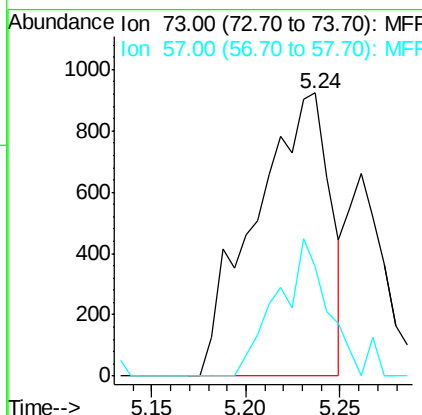
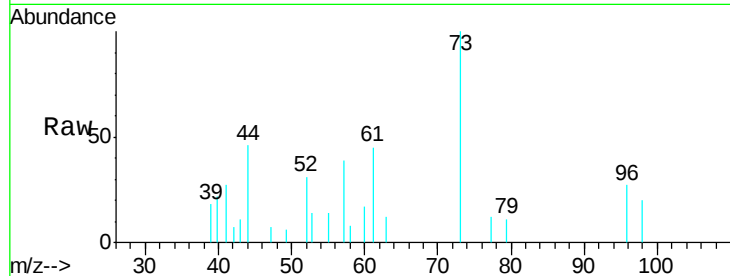




#19
Methyl tert-butyl Ether
Concen: 0.658 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

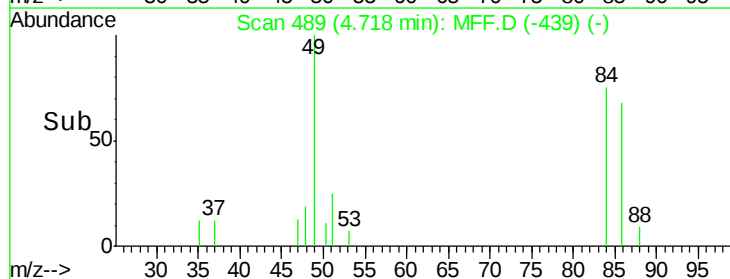
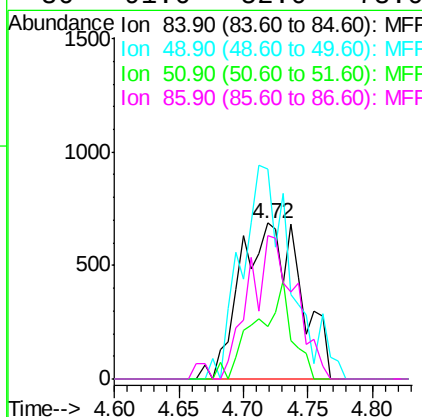
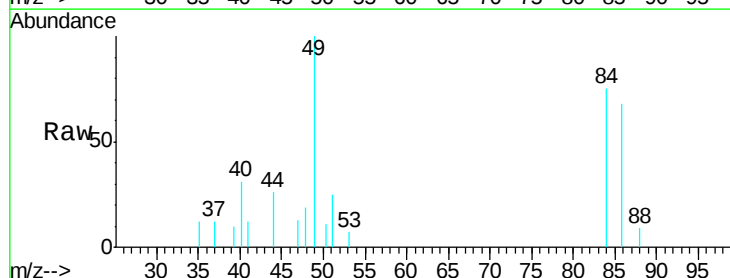
Instrument :
MSVOA_Y
ClientSampled :

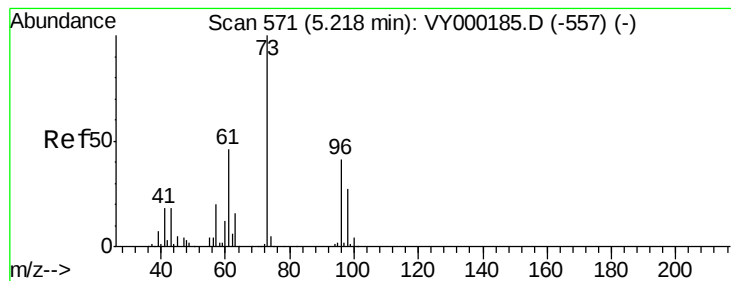
Tgt Ion: 73 Resp: 2541
Ion Ratio Lower Upper
73 100
57 38.8 16.9 25.3#



#20
Methylene Chloride
Concen: 1.888 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 84 Resp: 2226
Ion Ratio Lower Upper
84 100
49 134.2 84.2 126.4#
51 33.3 24.6 37.0
86 91.6 52.0 78.0#





#21

trans-1,2-Dichloroethene

Concen: 1.092 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.01 min

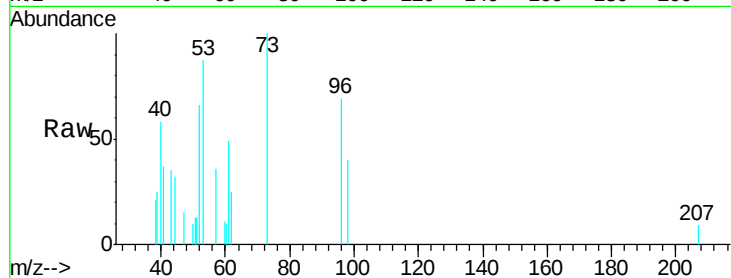
Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

ClientSampleId :



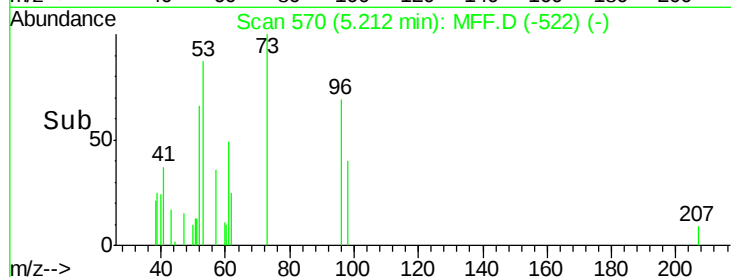
Tgt Ion: 96 Resp: 1128

Ion Ratio Lower Upper

96 100

61 70.7 91.4 137.0#

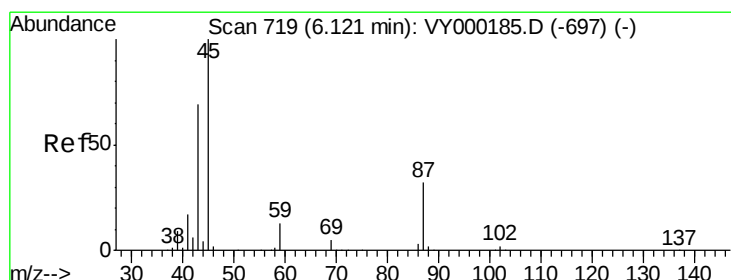
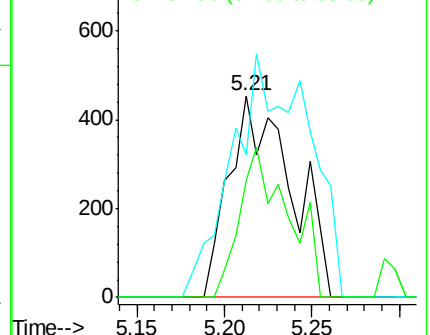
98 58.1 52.5 78.7



Abundance Ion 95.90 (95.60 to 96.60): MFF

Ion 60.90 (60.60 to 61.60): MFF

Ion 97.90 (97.60 to 98.60): MFF



#22

Diisopropyl ether

Concen: 0.771 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Tgt Ion: 45 Resp: 2729

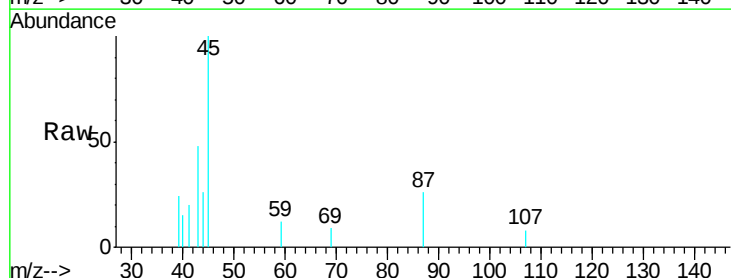
Ion Ratio Lower Upper

45 100

43 34.1 55.4 83.0#

87 25.9 25.8 38.8

59 11.5 10.1 15.1

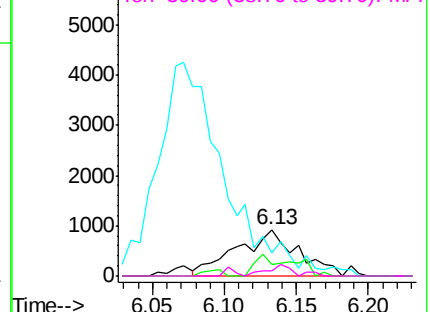
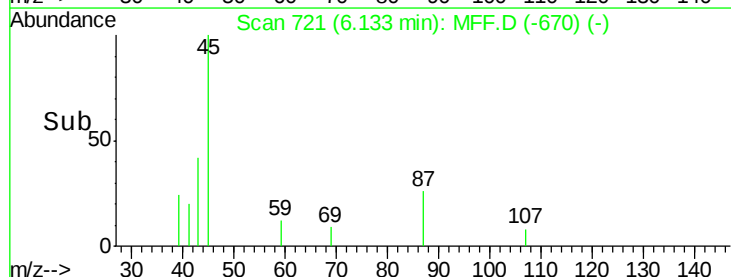


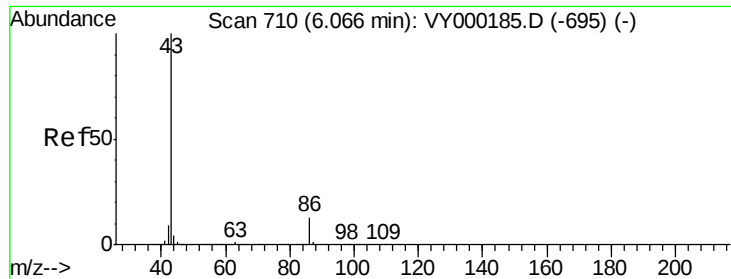
Abundance Ion 45.00 (44.70 to 45.70): MFF

Ion 43.00 (42.70 to 43.70): MFF

Ion 87.00 (86.70 to 87.70): MFF

Ion 59.00 (58.70 to 59.70): MFF





#23

Vinyl Acetate

Concen: 4.541 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

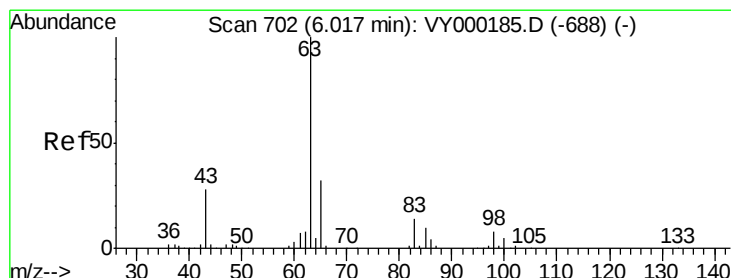
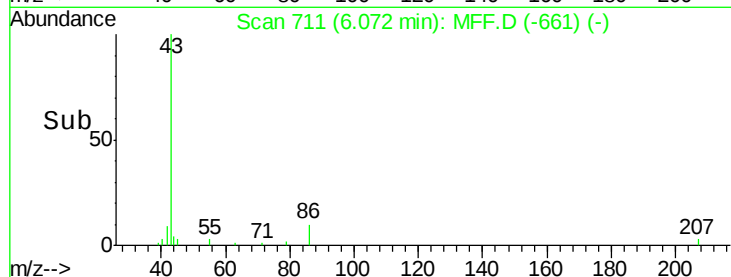
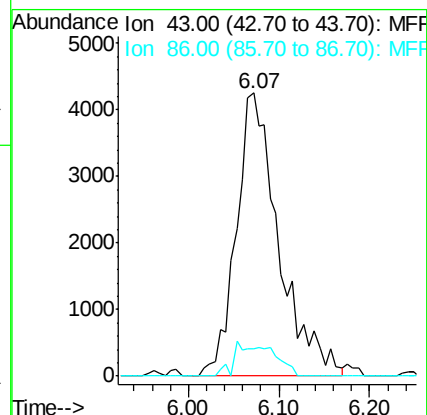
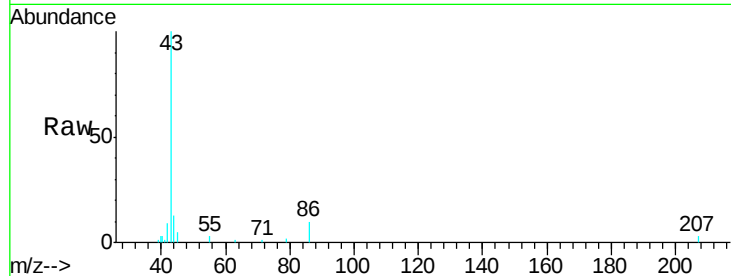
ClientSampleId :

Tgt Ion: 43 Resp: 13815

Ion Ratio Lower Upper

43 100

86 9.7 10.2 15.2#



#24

1,1-Dichloroethane

Concen: 0.953 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

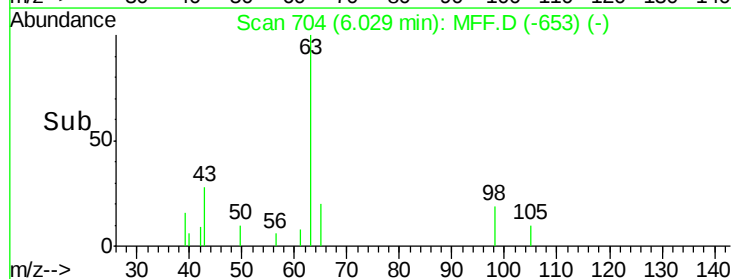
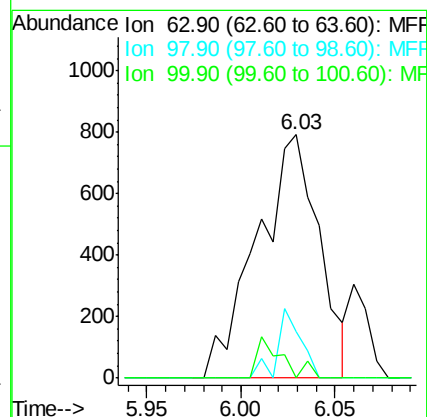
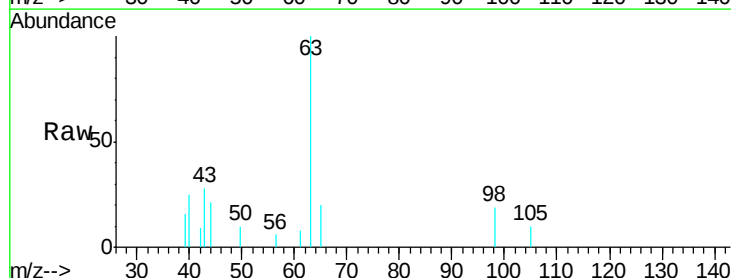
Tgt Ion: 63 Resp: 1804

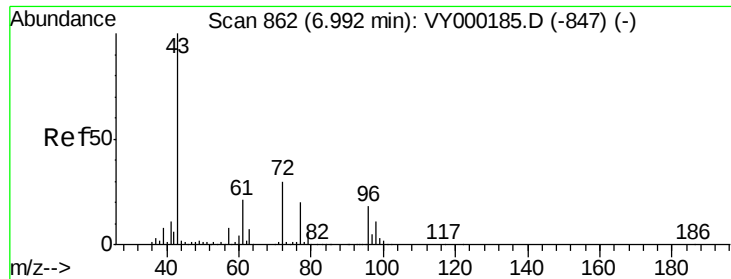
Ion Ratio Lower Upper

63 100

98 18.8 3.9 11.5#

100 0.0 2.3 6.9#





#25

2-Butanone

Concen: 4.749 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

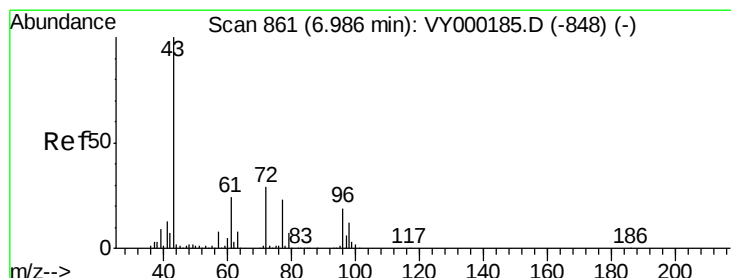
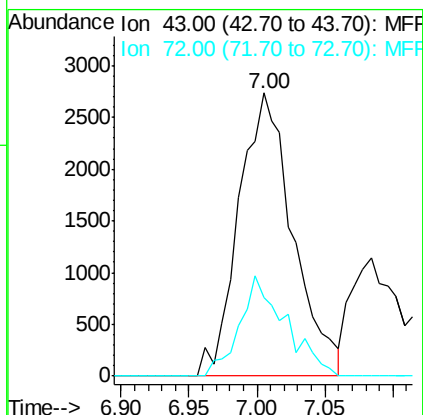
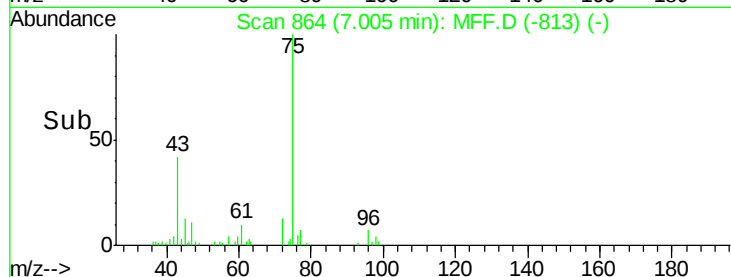
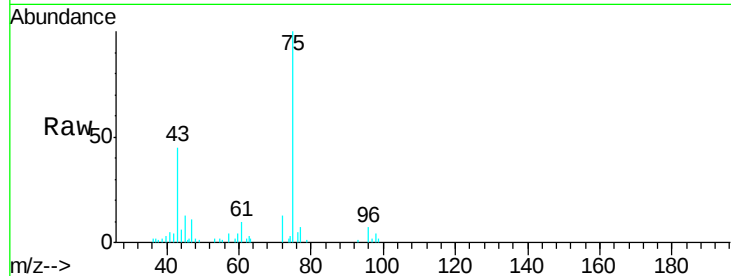
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 7606

Ion Ratio Lower Upper

43 100

72 27.6 24.0 36.0



#26

2,2-Dichloropropane

Concen: 1.192 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: MFF.D

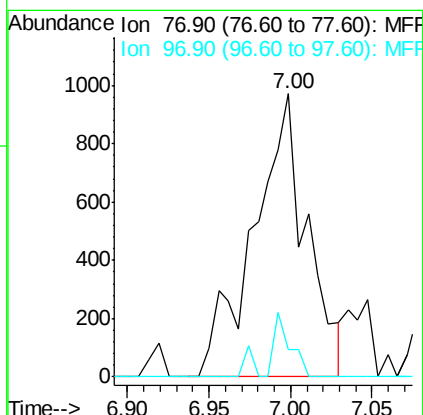
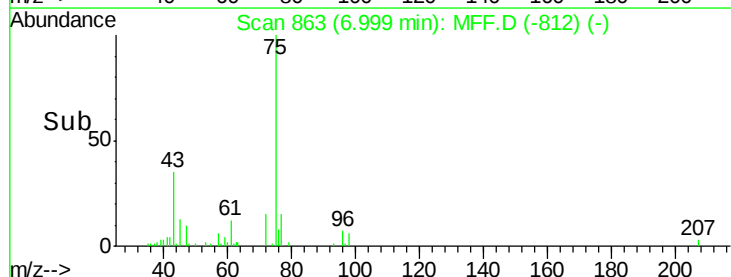
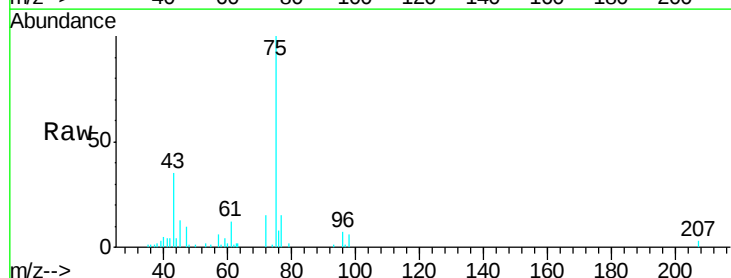
Acq: 03 Oct 2019 13:43

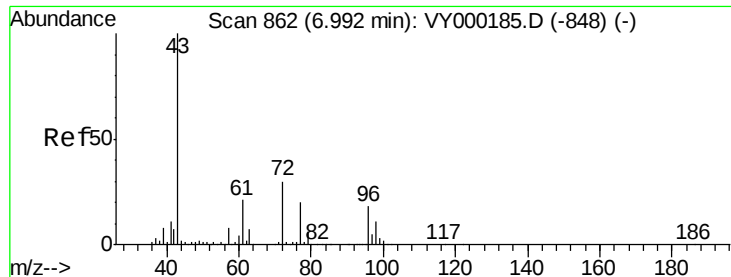
Tgt Ion: 77 Resp: 2194

Ion Ratio Lower Upper

77 100

97 6.8 12.3 36.9#



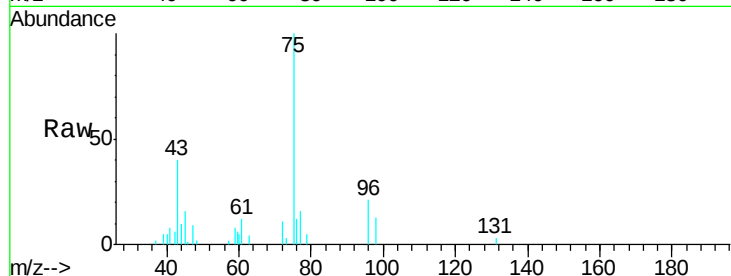


#27

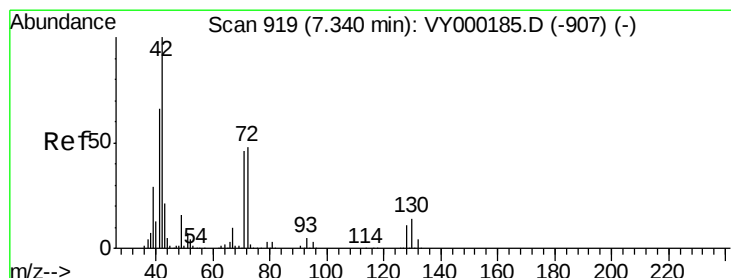
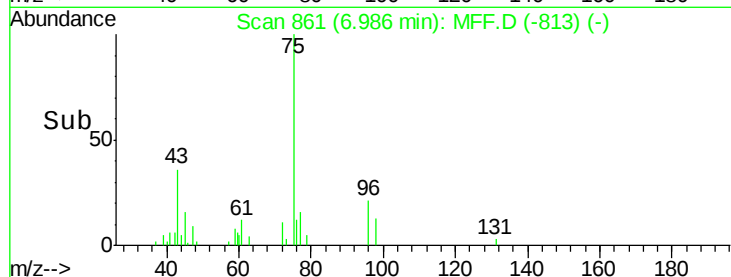
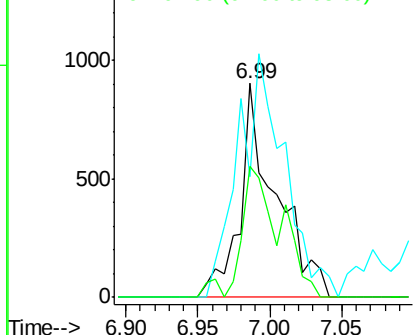
cis-1,2-Dichloroethene
 Concen: 1.144 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 96 Resp: 1553
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 251.4
 98 67.6 0.0 129.4



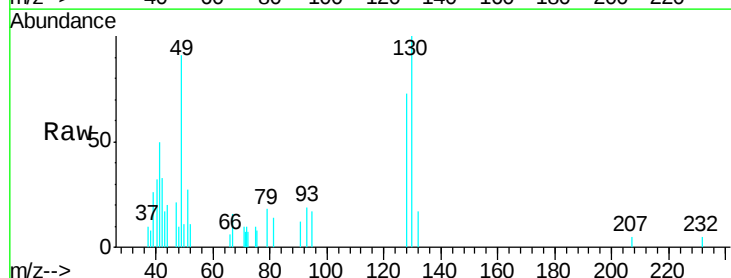
Abundance Ion 95.90 (95.60 to 96.60): MFF
 Ion 60.90 (60.60 to 61.60): MFF
 Ion 97.90 (97.60 to 98.60): MFF



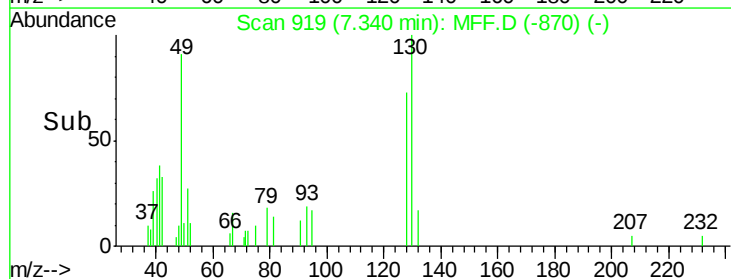
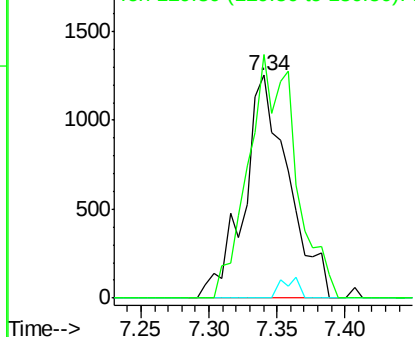
#28

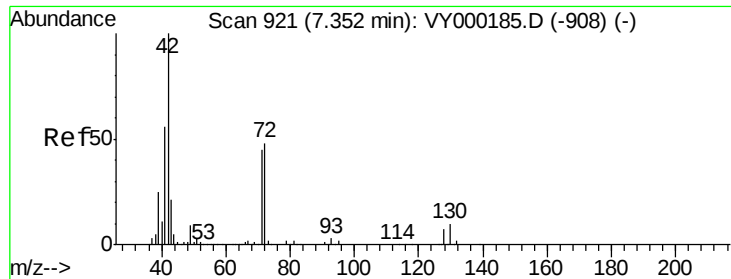
Bromochloromethane
 Concen: 3.834 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 49 Resp: 2856
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.4
 130 116.9 74.2 111.4#



Abundance Ion 48.90 (48.60 to 49.60): MFF
 Ion 128.80 (128.50 to 129.50): MFF
 Ion 129.80 (129.50 to 130.50): MFF

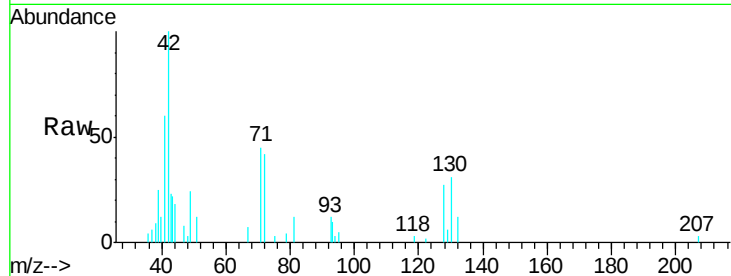




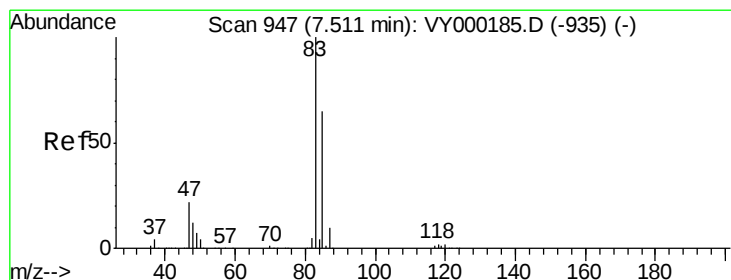
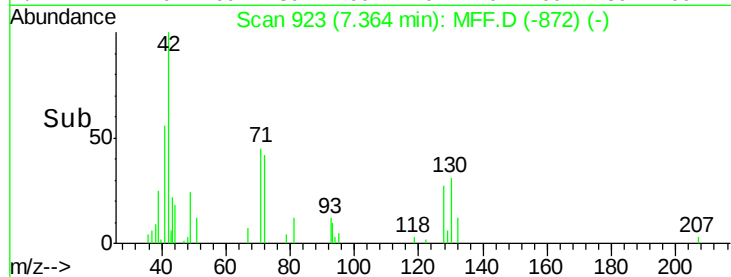
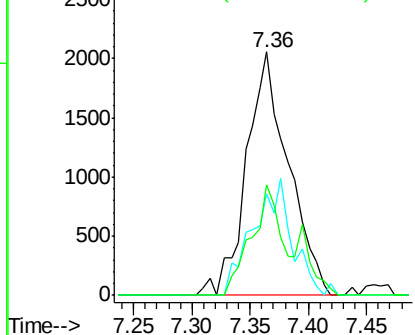
#29
Tetrahydrofuran
Concen: 4.831 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 42 Resp: 5163
Ion Ratio Lower Upper
42 100
72 44.0 39.3 58.9
71 33.7 36.7 55.1#

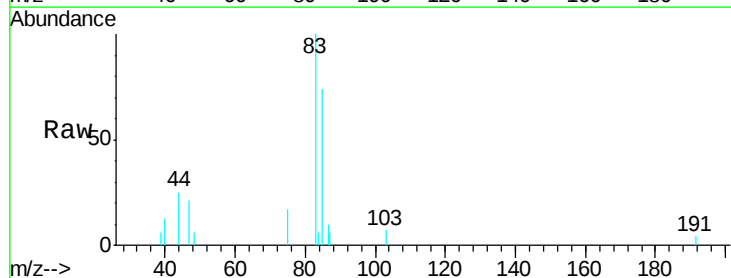


Abundance Ion 42.00 (41.70 to 42.70): MFF
Ion 72.00 (71.70 to 72.70): MFF
Ion 71.00 (70.70 to 71.70): MFF

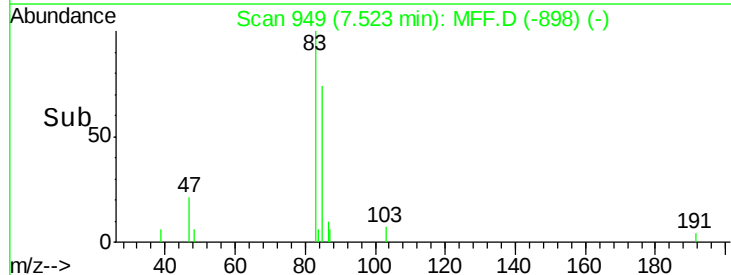
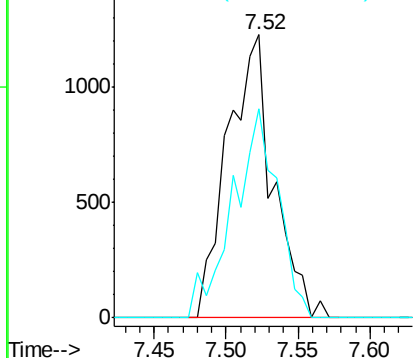


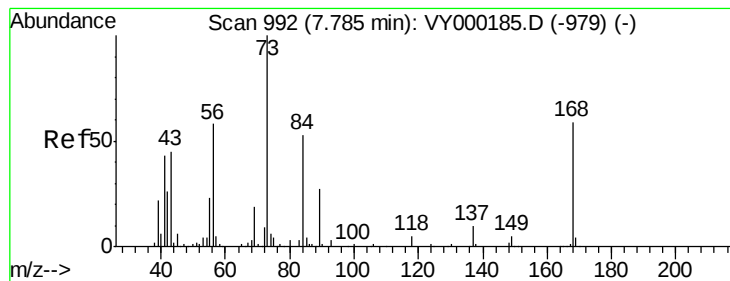
#30
Chloroform
Concen: 1.249 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 83 Resp: 2709
Ion Ratio Lower Upper
83 100
85 73.7 51.8 77.6



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





#31

Cyclohexane

Concen: 2.741 ug/l

RT: 7.80 min Scan# 994

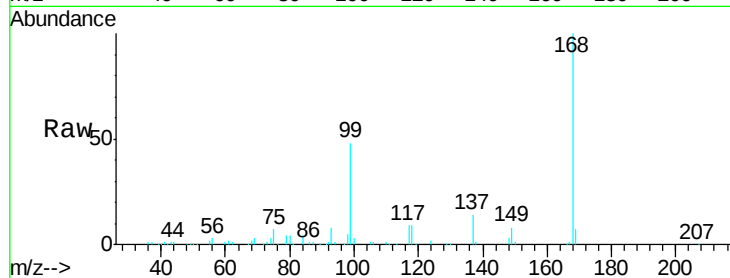
Delta R.T. 0.01 min

Lab File: MFF.D

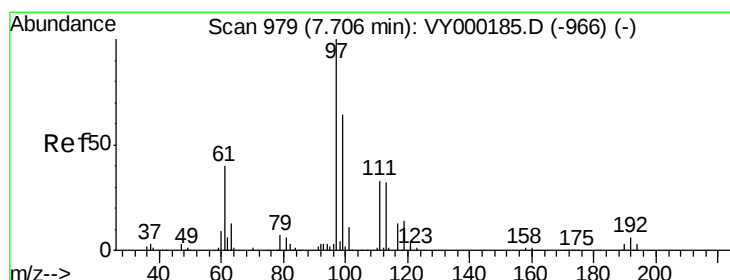
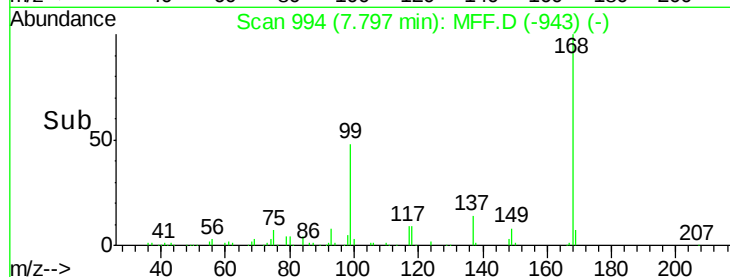
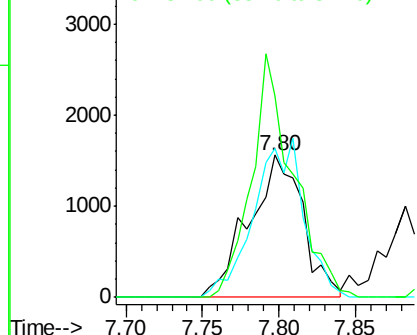
Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3804
Ion Ratio Lower Upper
56 100
69 104.7 26.1 39.1#
84 141.5 73.8 110.6#



Abundance Ion 56.00 (55.70 to 56.70): MFF
Ion 69.00 (68.70 to 69.70): MFF
Ion 84.00 (83.70 to 84.70): MFF



#32

1,1,1-Trichloroethane

Concen: 0.951 ug/l

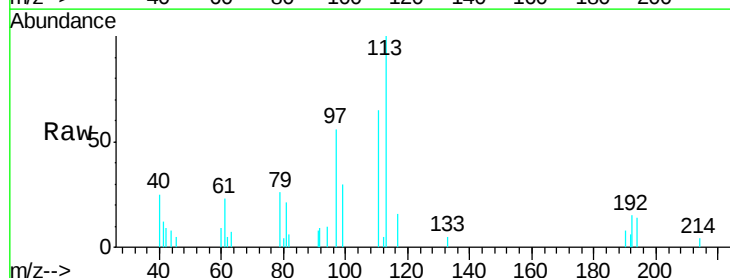
RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

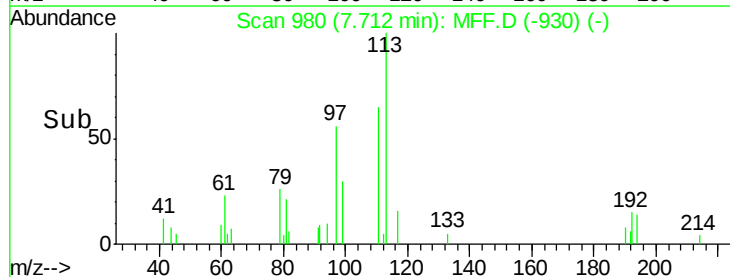
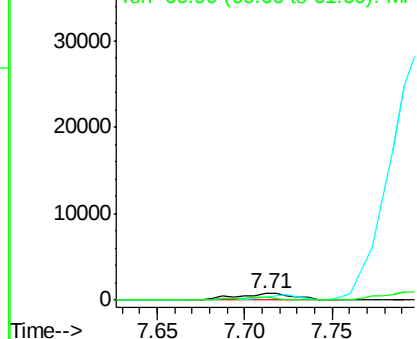
Lab File: MFF.D

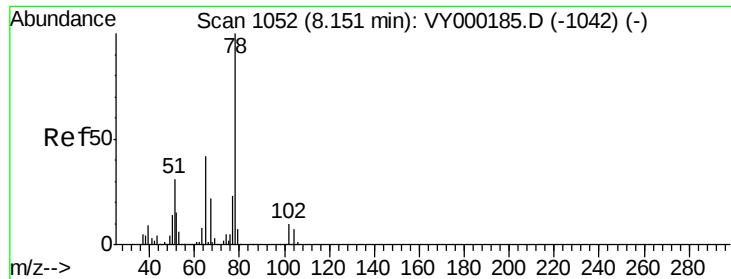
Acq: 03 Oct 2019 13:43

Tgt Ion: 97 Resp: 1759
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 34.7 31.2 46.8



Abundance Ion 96.90 (96.60 to 97.60): MFF
Ion 98.90 (98.60 to 99.60): MFF
Ion 60.90 (60.60 to 61.60): MFF





#33

1,2-Dichloroethane-d4

Concen: 3.770 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

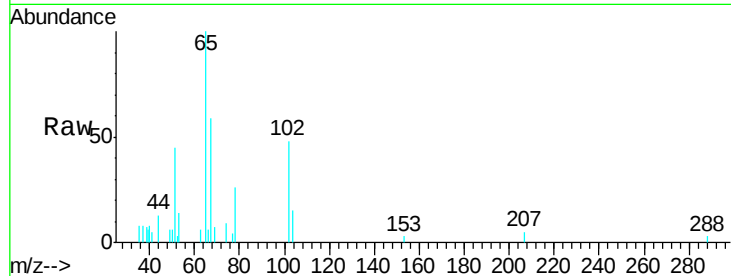
ClientSampleId :

Tgt Ion: 65 Resp: 5317

Ion Ratio Lower Upper

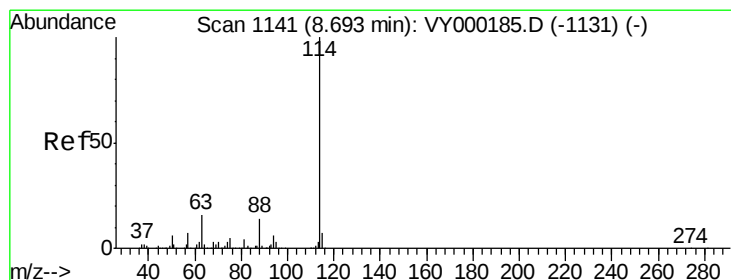
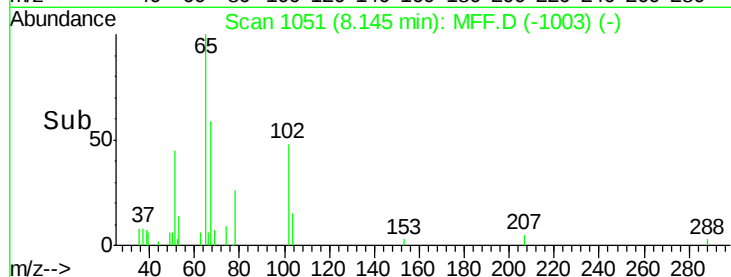
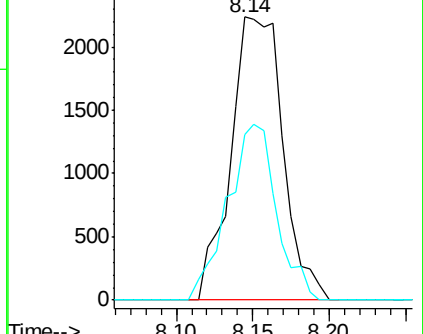
65 100

67 57.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): MFF

Ion 66.90 (66.60 to 67.60): MFF



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

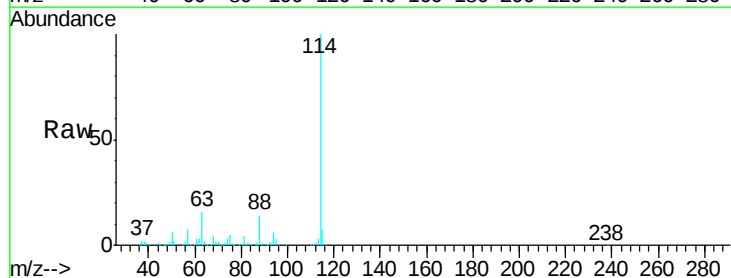
Tgt Ion: 114 Resp: 202794

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.0

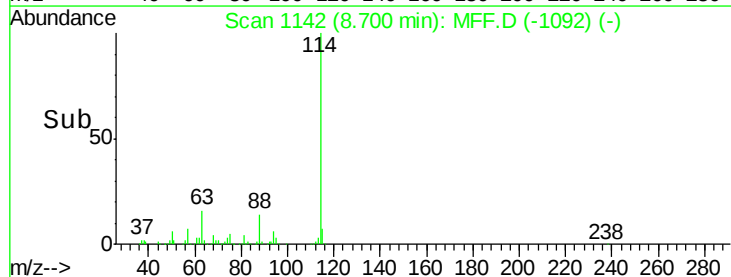
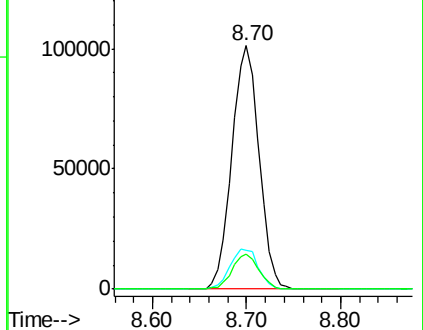
88 14.3 0.0 27.6

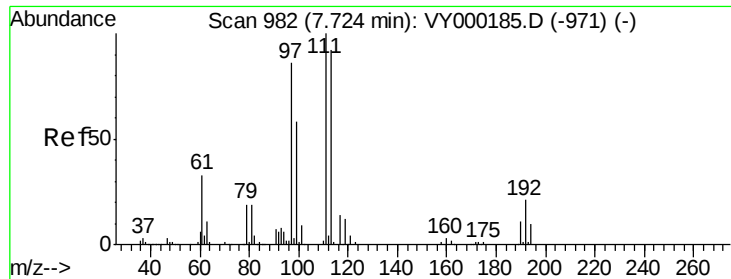


Abundance Ion 113.90 (113.60 to 114.60): M

Ion 63.00 (62.70 to 63.70): MFF

Ion 87.90 (87.60 to 88.60): MFF

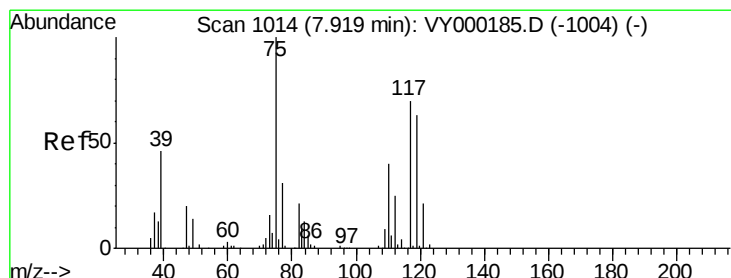
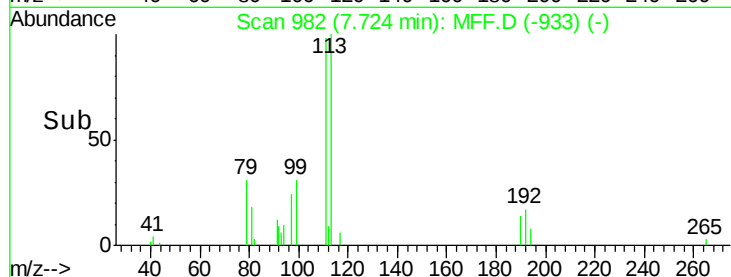
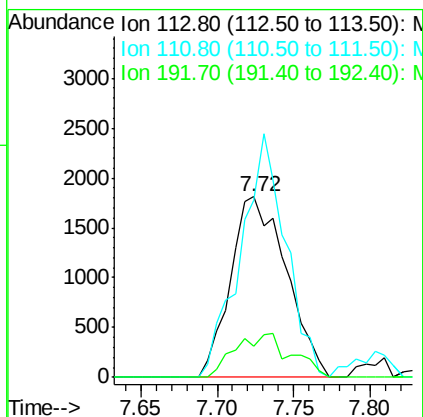
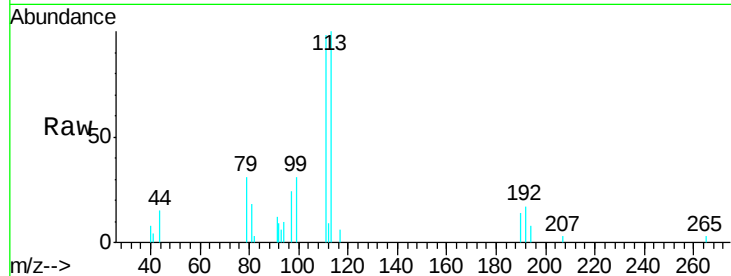




#35
 Dibromofluoromethane
 Concen: 3.660 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

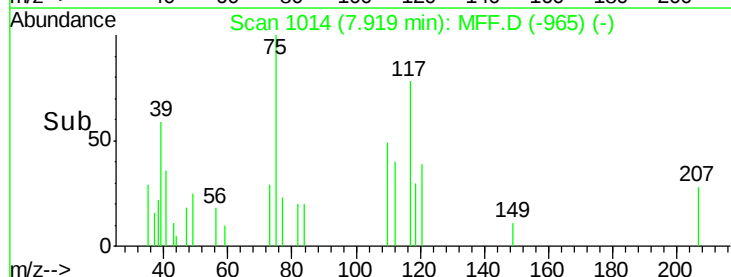
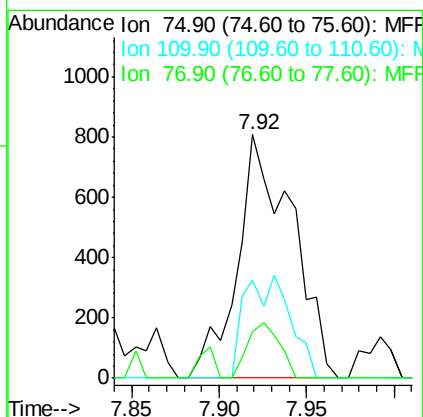
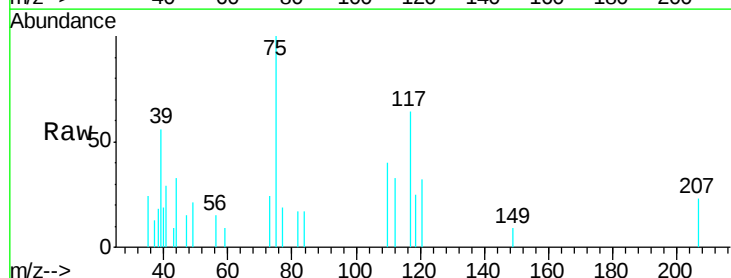
Instrument :
 MSVOA_Y
 ClientSampleId :

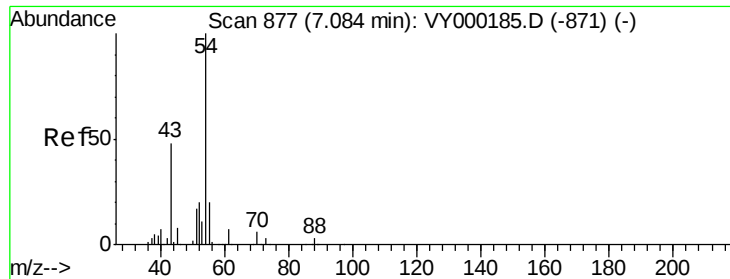
Tgt Ion: 113 Resp: 4605
 Ion Ratio Lower Upper
 113 100
 111 108.6 83.6 125.4
 192 24.2 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 1.333 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 75 Resp: 1770
 Ion Ratio Lower Upper
 75 100
 110 35.1 20.4 61.2
 77 13.2 24.8 37.2#

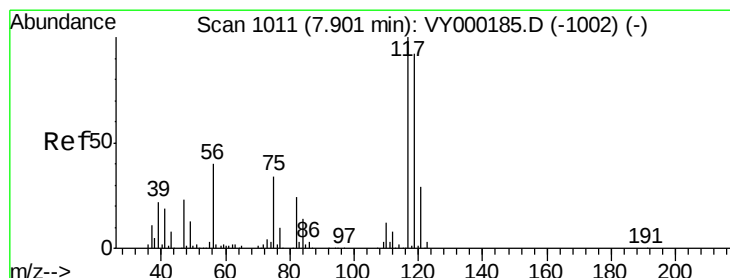
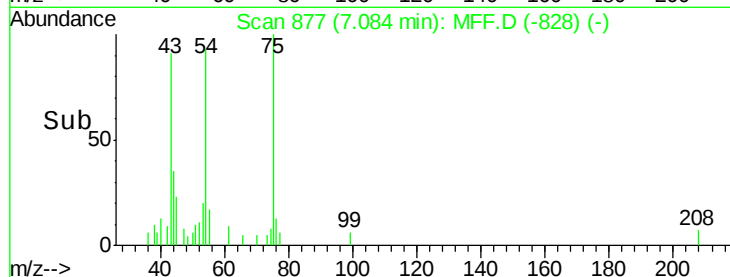
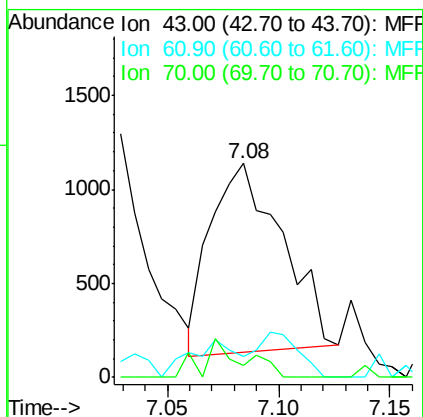
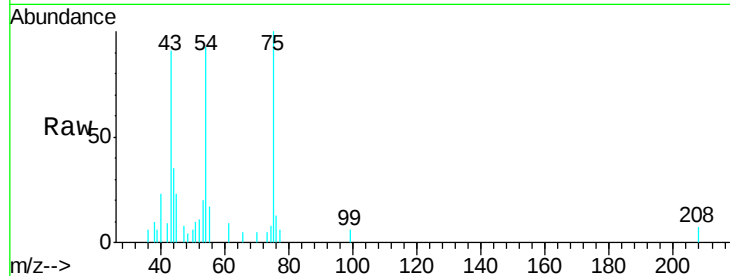




#37
Ethyl Acetate
Concen: 0.911 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

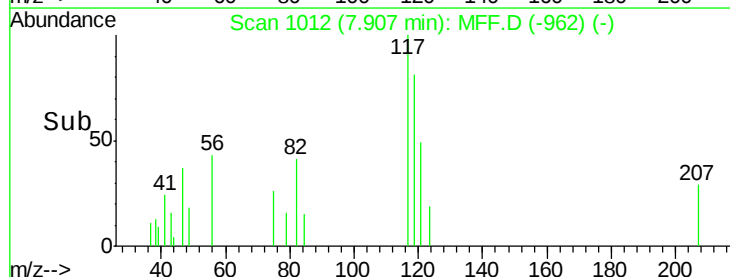
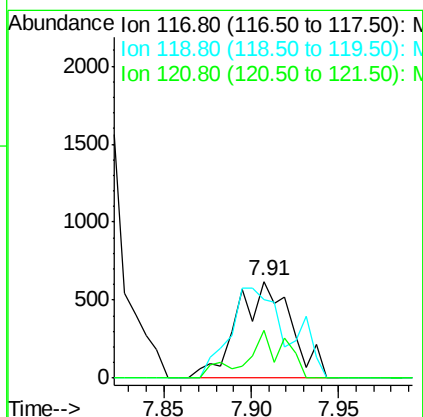
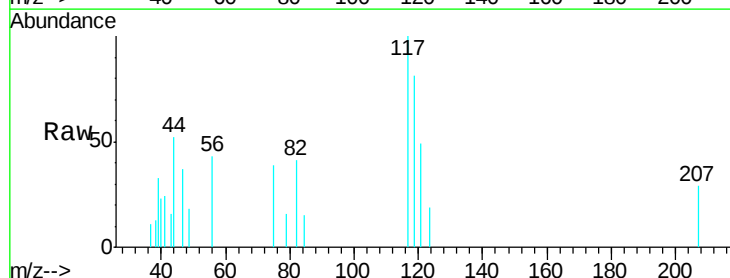
Instrument :
MSVOA_Y
ClientSampleId :

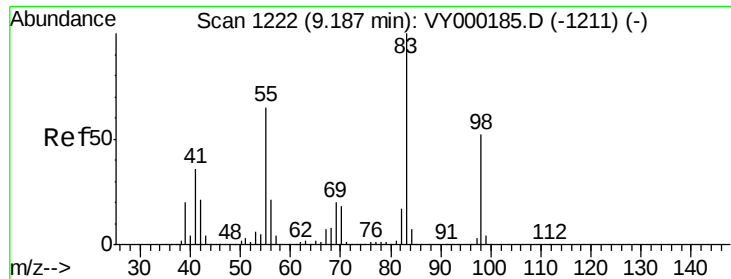
Tgt Ion: 43 Resp: 2261
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.6
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 0.812 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 117 Resp: 1322
Ion Ratio Lower Upper
117 100
119 80.7 73.4 110.2
121 49.0 23.2 34.8#

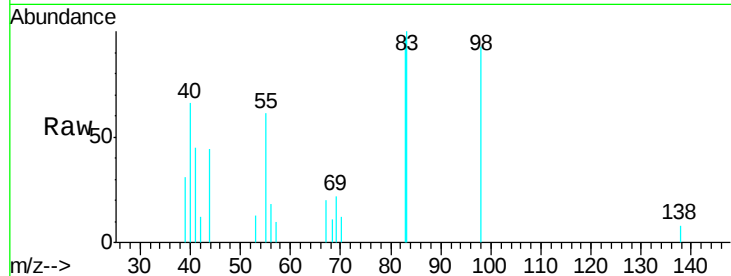




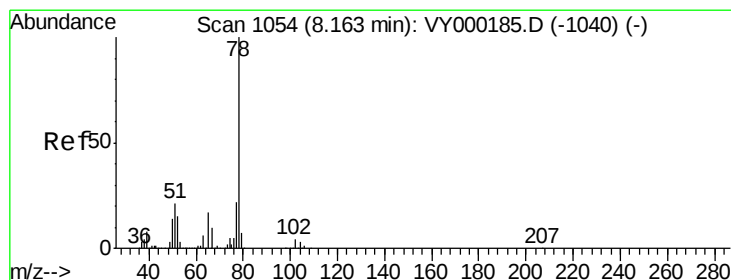
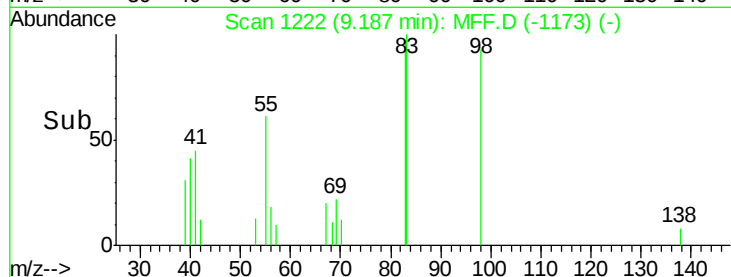
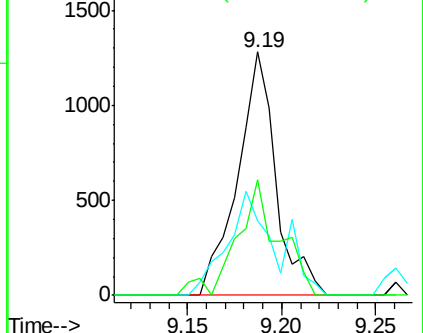
#39
Methylcyclohexane
Concen: 1.158 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 1815
Ion Ratio Lower Upper
83 100
55 30.8 52.4 78.6#
98 47.3 41.7 62.5

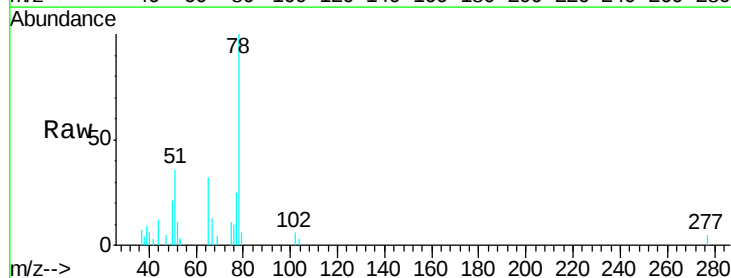


Abundance Ion 83.00 (82.70 to 83.70): MFF
Ion 55.00 (54.70 to 55.70): MFF
Ion 98.00 (97.70 to 98.70): MFF

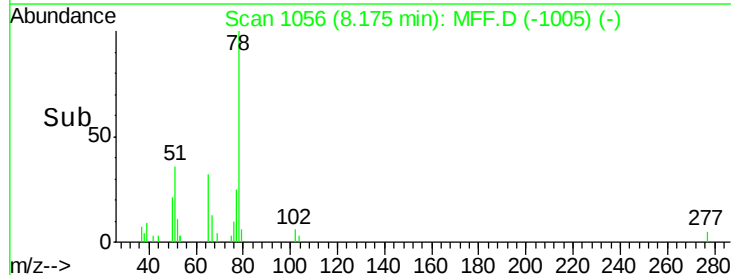
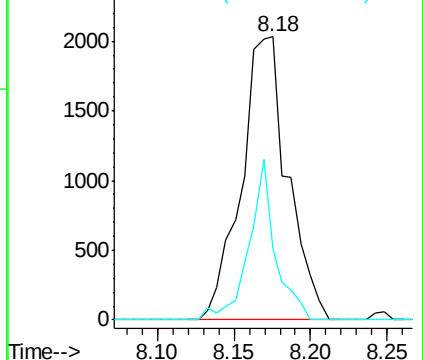


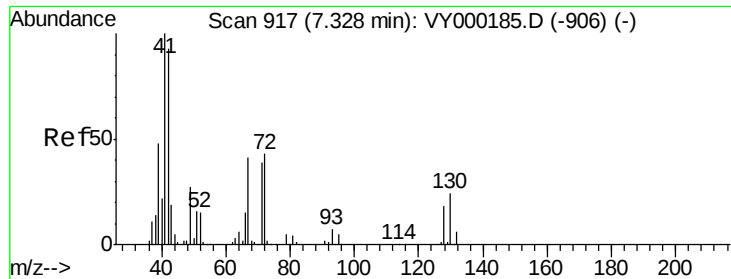
#40
Benzene
Concen: 0.971 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 78 Resp: 4275
Ion Ratio Lower Upper
78 100
77 25.1 17.5 26.3



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

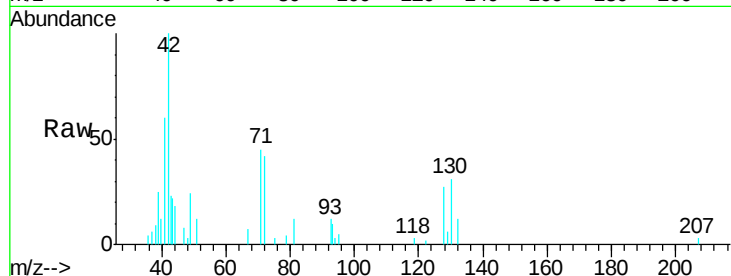




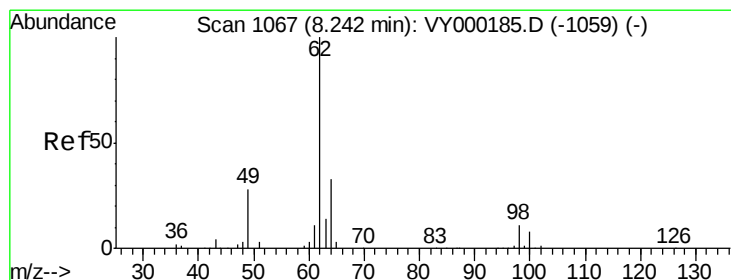
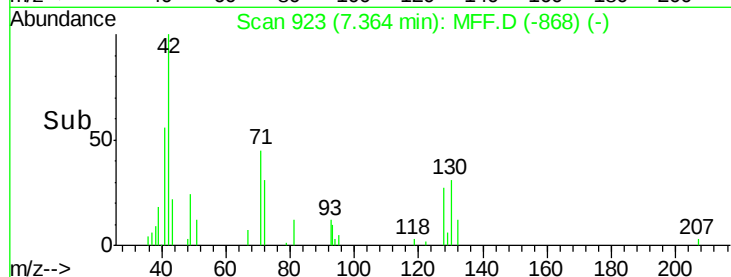
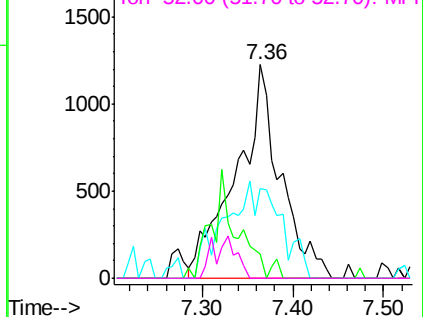
#41
Methacrylonitrile
Concen: 3.530 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 4155
Ion Ratio Lower Upper
41 100
39 31.9 125.4 188.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

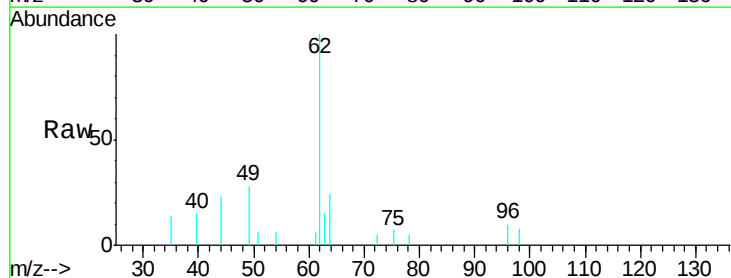


Abundance Ion 41.00 (40.70 to 41.70): MFF
Ion 39.00 (38.70 to 39.70): MFF
Ion 67.00 (66.70 to 67.70): MFF
Ion 52.00 (51.70 to 52.70): MFF

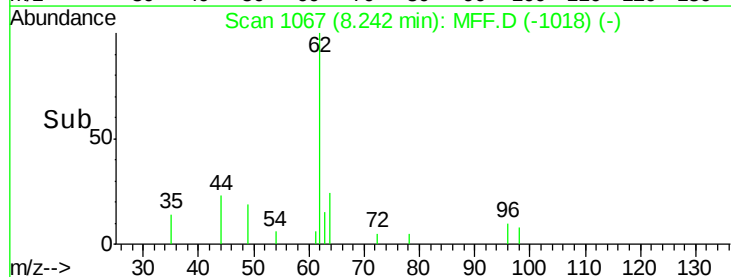
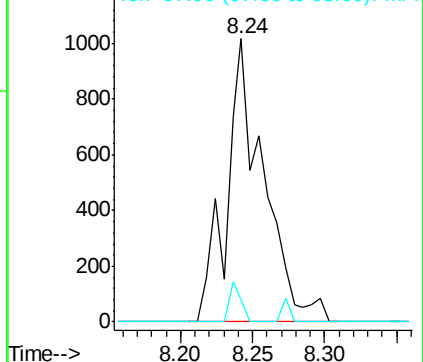


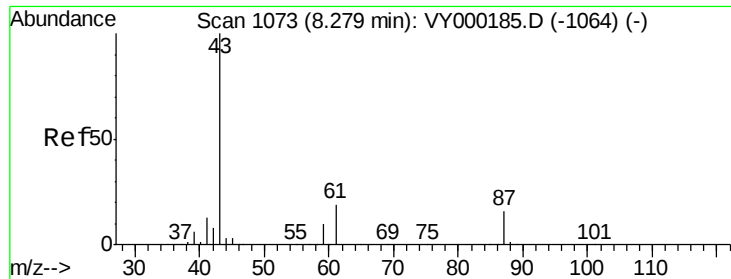
#42
1,2-Dichloroethane
Concen: 1.191 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 62 Resp: 1824
Ion Ratio Lower Upper
62 100
98 4.5 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): MFF
Ion 97.90 (97.60 to 98.60): MFF





#43

Isopropyl Acetate

Concen: 0.941 ug/l

RT: 8.28 min Scan# 1073

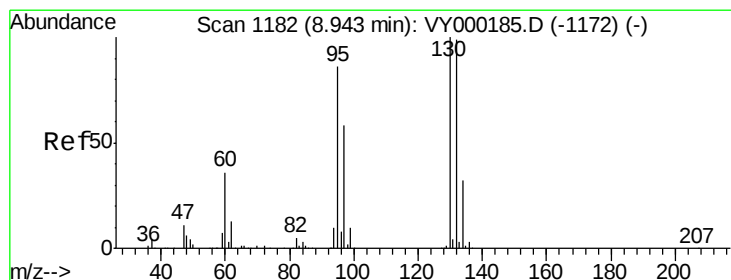
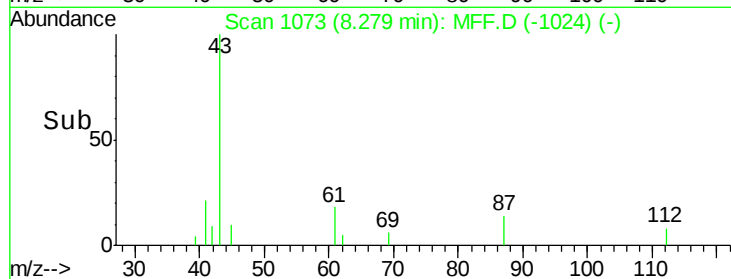
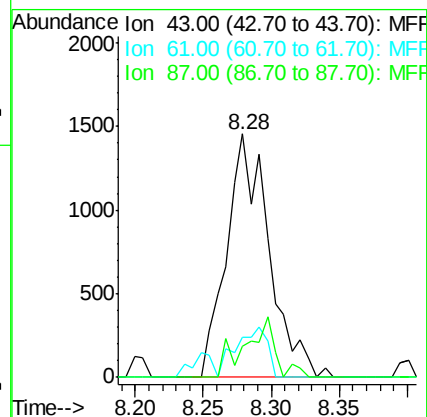
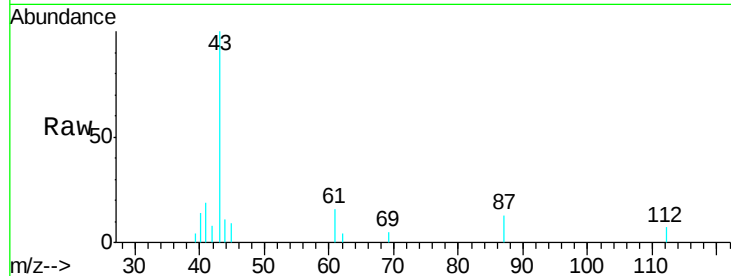
Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	43	Resp:	3149
Ion	Ratio	Lower	Upper
43	100		
61	15.3	21.4	32.2#
87	18.1	12.6	19.0



#44

Trichloroethene

Concen: 1.075 ug/l

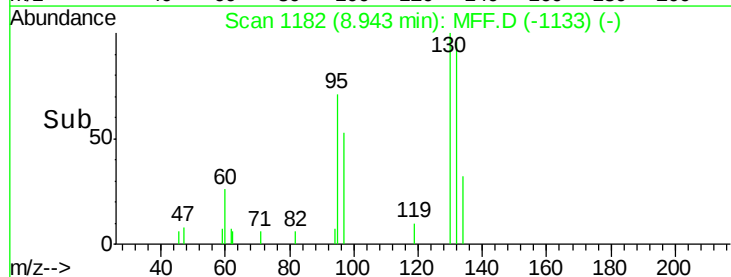
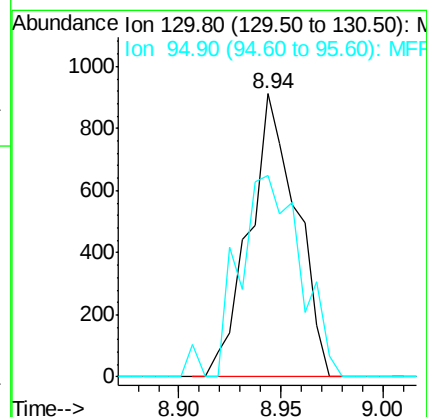
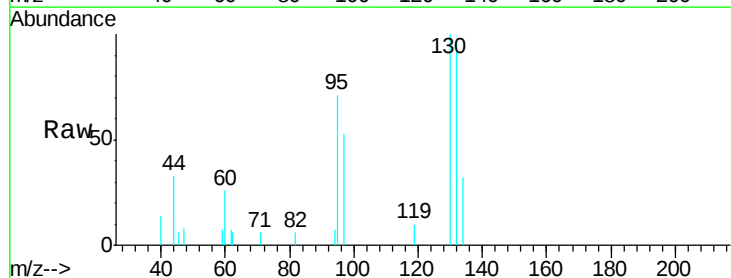
RT: 8.94 min Scan# 1182

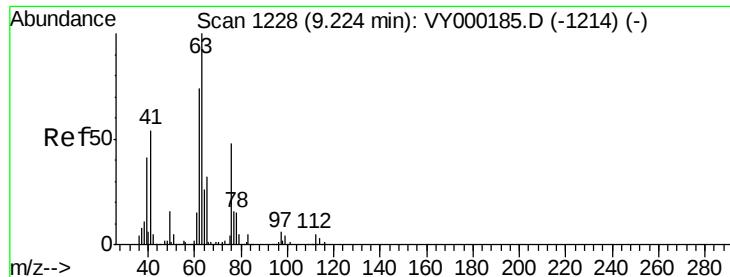
Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Tgt Ion:	130	Resp:	1477
Ion	Ratio	Lower	Upper
130	100		
95	71.3	0.0	171.6

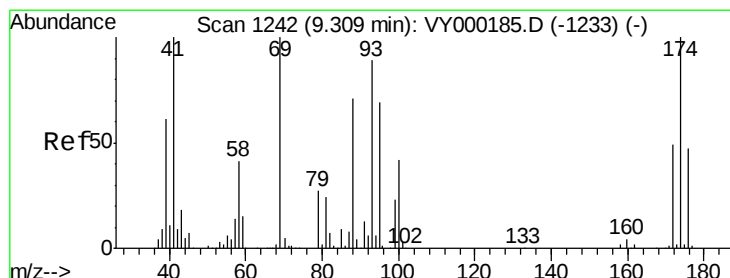
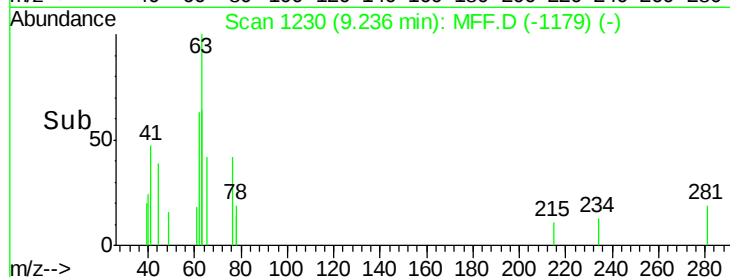
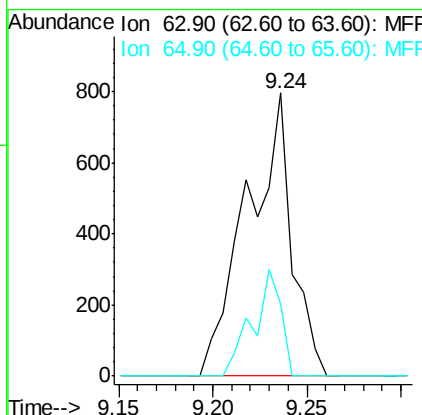
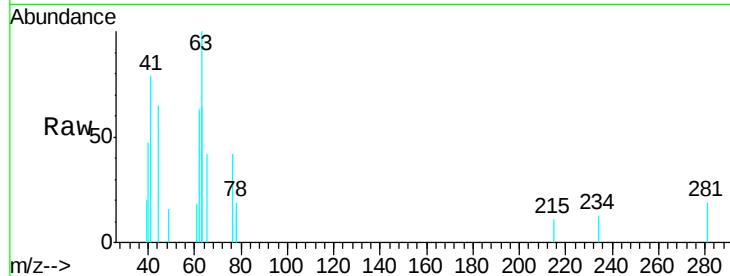




#45
 1,2-Dichloropropane
 Concen: 1.162 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

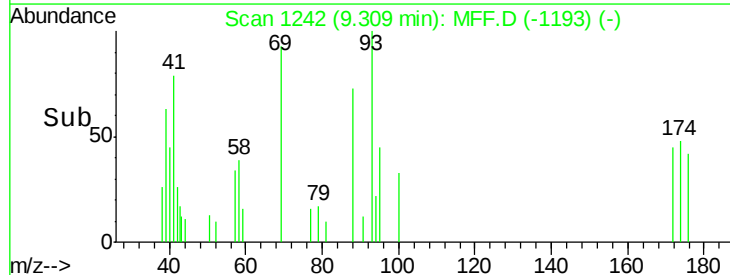
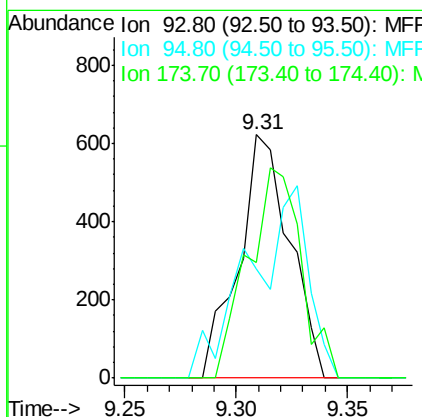
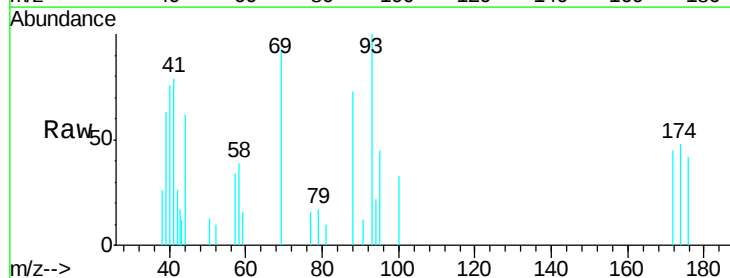
Instrument :
 MSVOA_Y
 ClientSampleId :

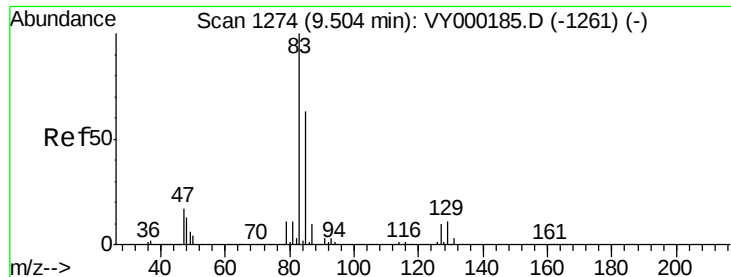
Tgt Ion: 63 Resp: 1313
 Ion Ratio Lower Upper
 63 100
 65 25.4 25.7 38.5#



#46
 Dibromomethane
 Concen: 1.181 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 93 Resp: 993
 Ion Ratio Lower Upper
 93 100
 95 90.3 64.4 96.6
 174 89.2 95.1 142.7#

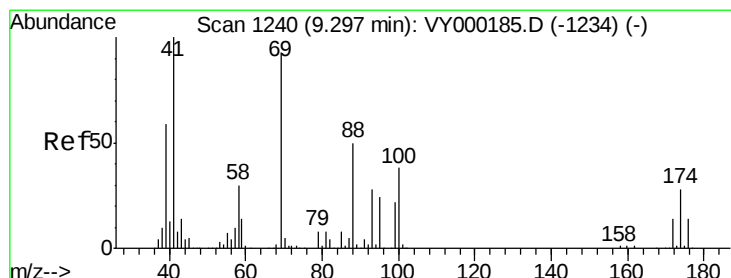
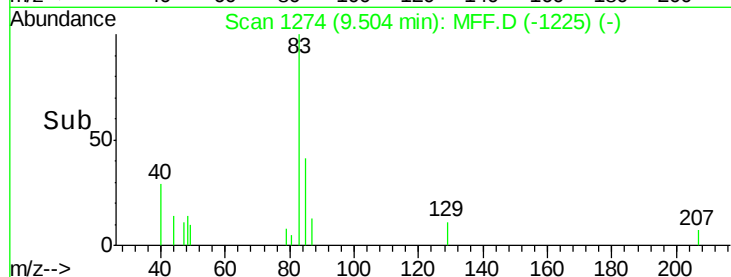
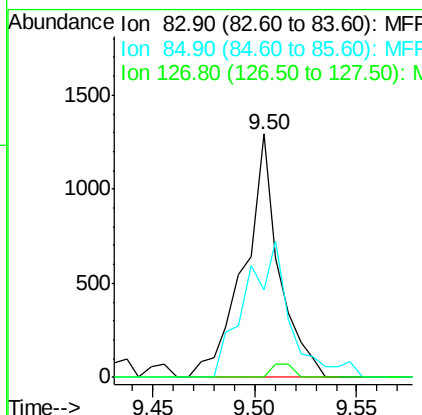
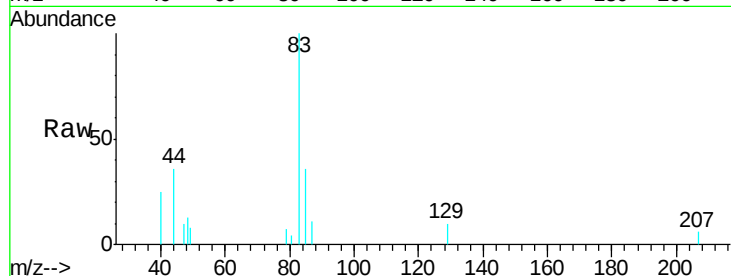




#47
 Bromodichloromethane
 Concen: 0.895 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

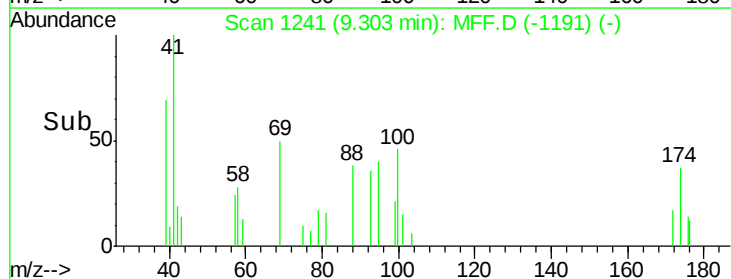
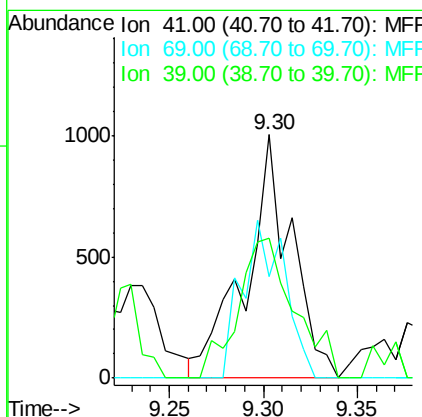
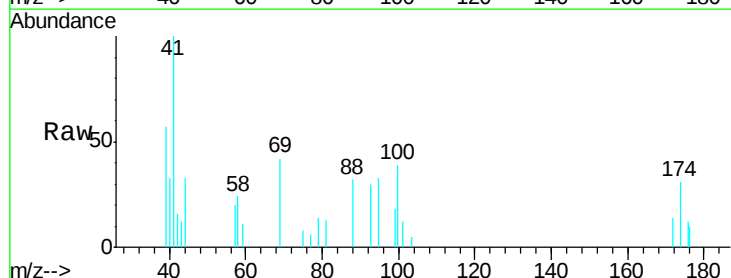
Instrument :
 MSVOA_Y
 ClientSampleId :

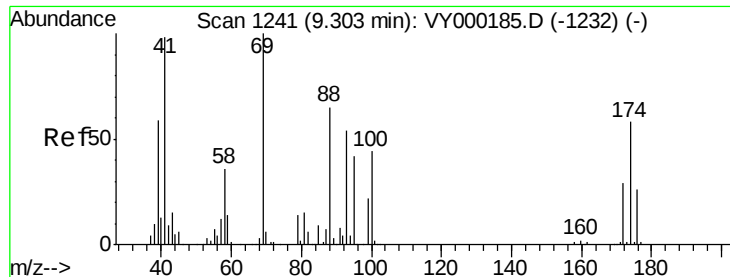
Tgt Ion: 83 Resp: 1537
 Ion Ratio Lower Upper
 83 100
 85 35.9 50.6 76.0#
 127 0.0 7.7 11.5#



#48
 Methyl methacrylate
 Concen: 1.127 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 41 Resp: 1681
 Ion Ratio Lower Upper
 41 100
 69 60.1 76.5 114.7#
 39 71.4 49.2 73.8

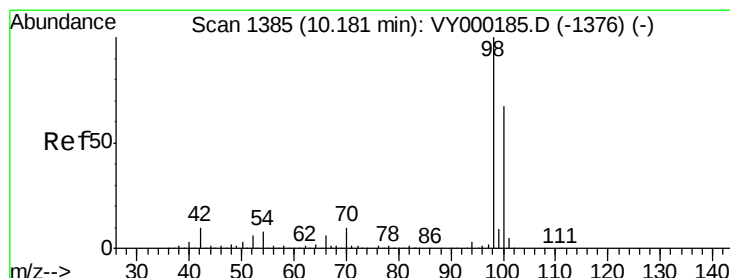
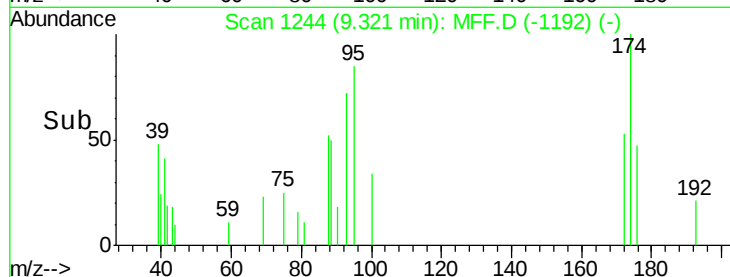
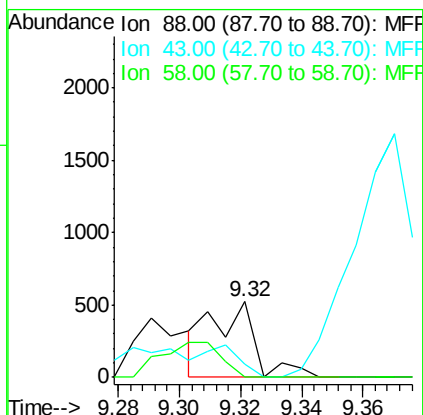
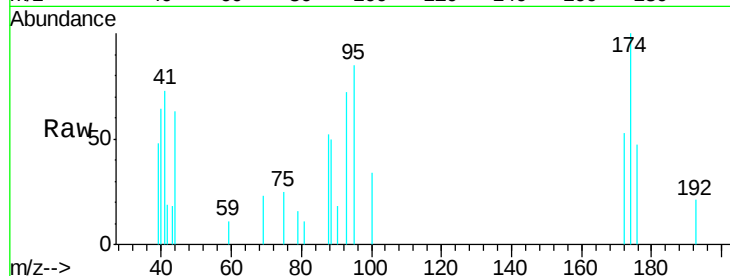




#49
1,4-Dioxane
Concen: 11.226 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

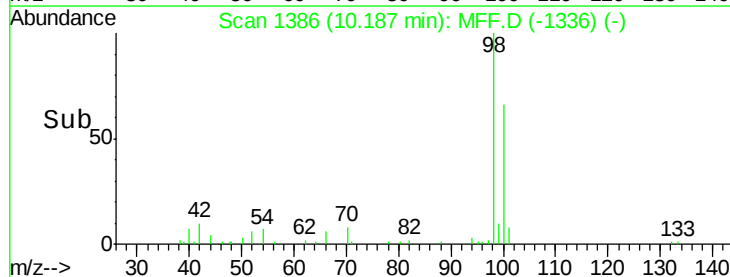
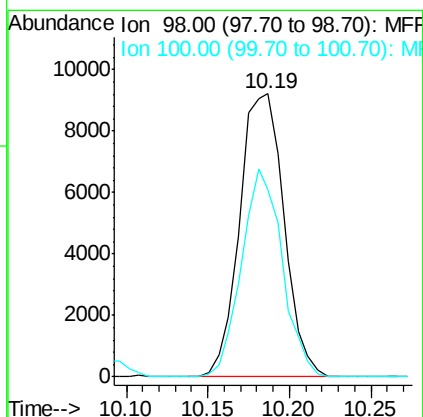
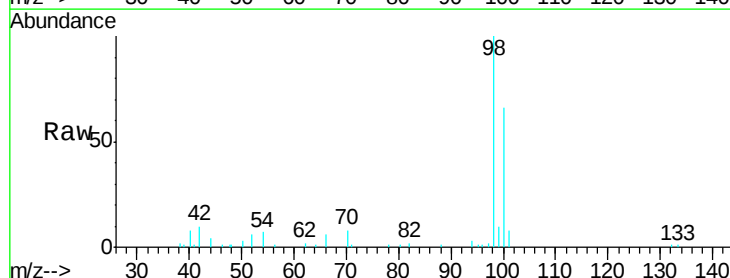
Instrument :
MSVOA_Y
ClientSampled :

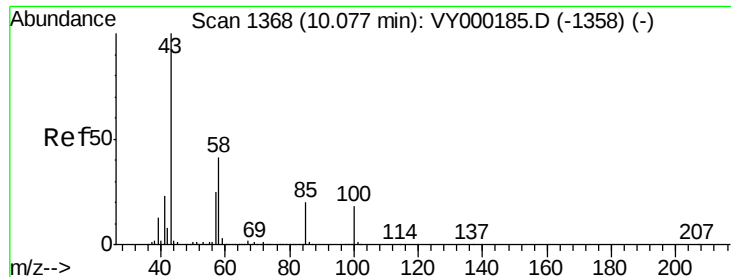
Tgt Ion: 88 Resp: 522
Ion Ratio Lower Upper
88 100
43 0.0 20.4 30.6#
58 62.5 49.0 73.4



#50
Toluene-d8
Concen: 3.634 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 98 Resp: 17427
Ion Ratio Lower Upper
98 100
100 67.6 53.9 80.9

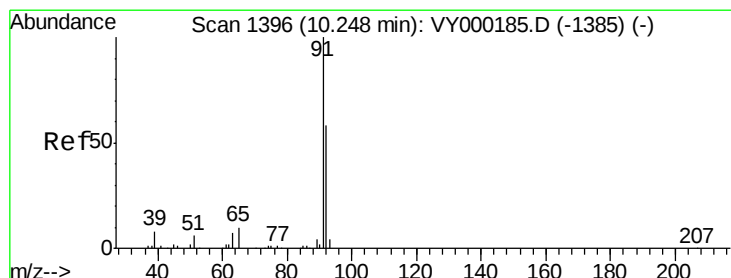
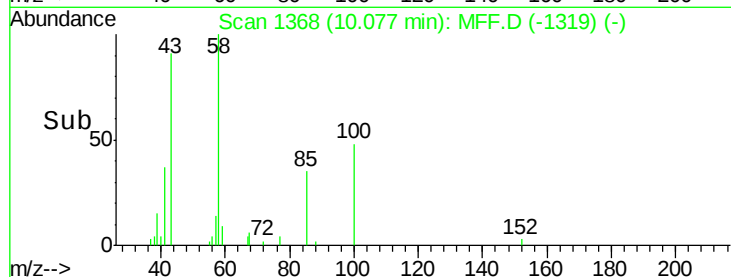
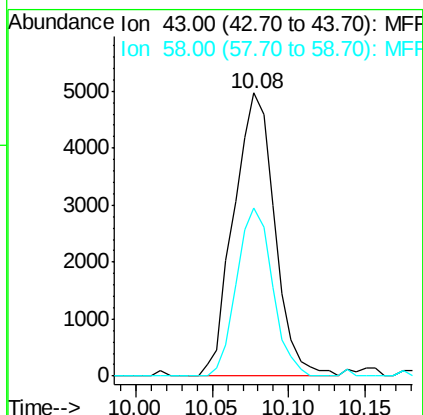
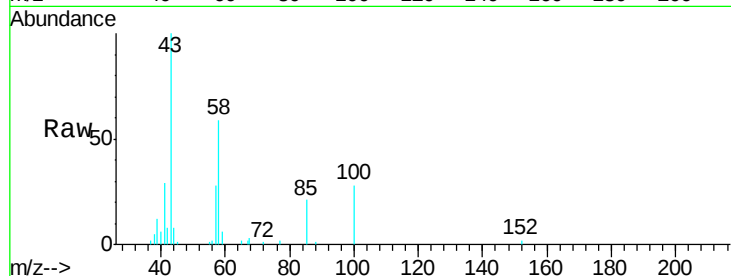




#51
 4-Methyl-2-Pentanone
 Concen: 3.500 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

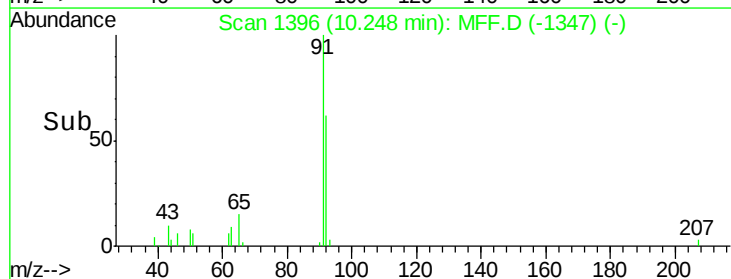
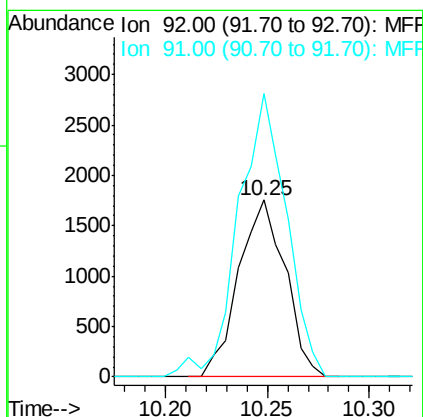
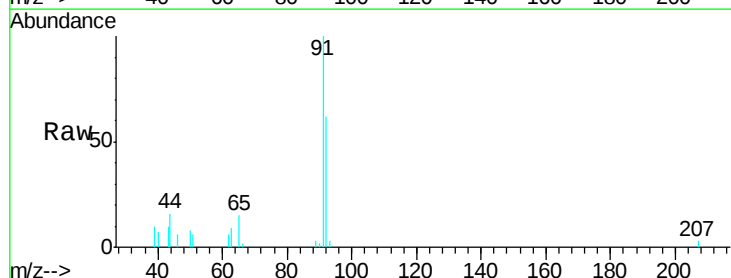
Instrument :
 MSVOA_Y
 ClientSampled :

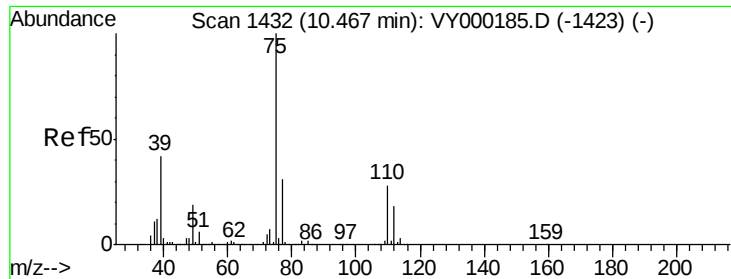
Tgt Ion: 43 Resp: 9238
 Ion Ratio Lower Upper
 43 100
 58 52.0 32.6 49.0#



#52
 Toluene
 Concen: 0.954 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 92 Resp: 2780
 Ion Ratio Lower Upper
 92 100
 91 165.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 1.062 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

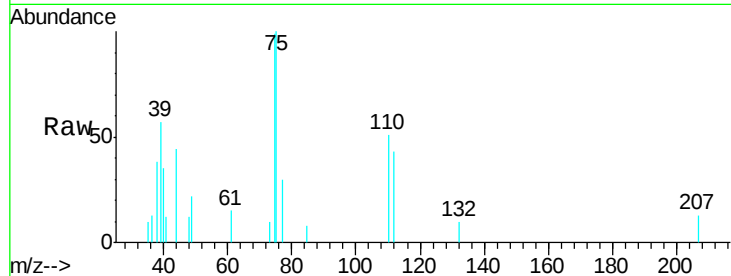
ClientSampled :

Tgt Ion: 75 Resp: 2003

Ion Ratio Lower Upper

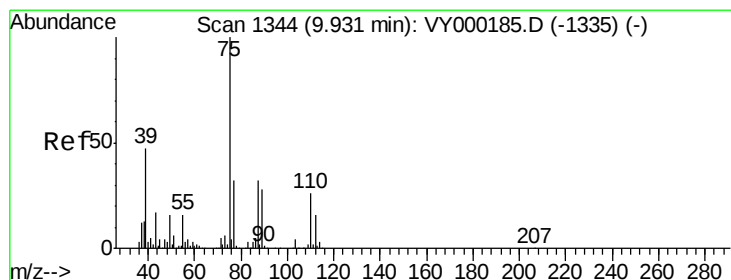
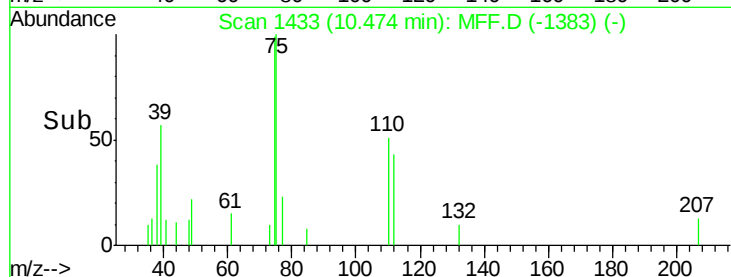
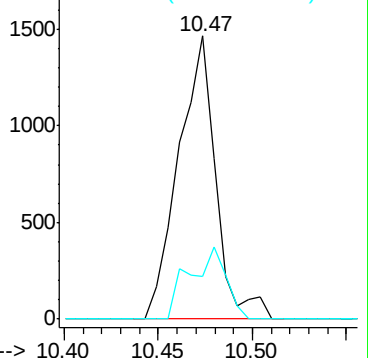
75 100

77 15.1 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): MFF

Ion 76.90 (76.60 to 77.60): MFF



#54

cis-1,3-Dichloropropene

Concen: 0.873 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

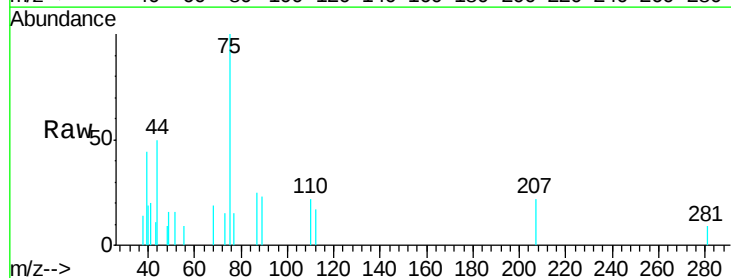
Tgt Ion: 75 Resp: 1717

Ion Ratio Lower Upper

75 100

77 14.9 26.0 39.0#

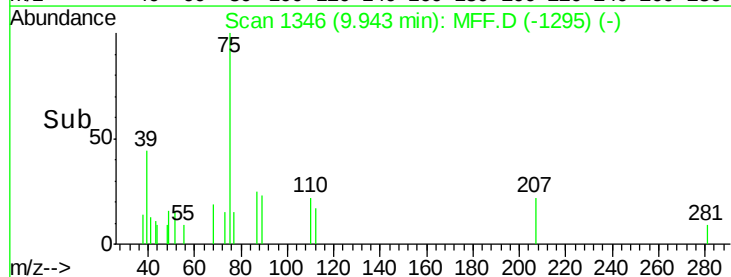
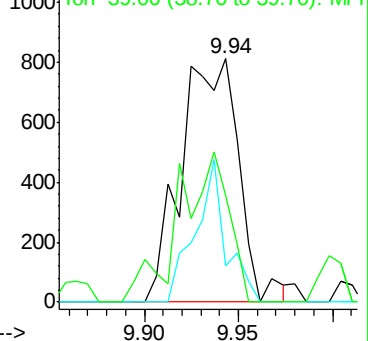
39 44.0 37.2 55.8

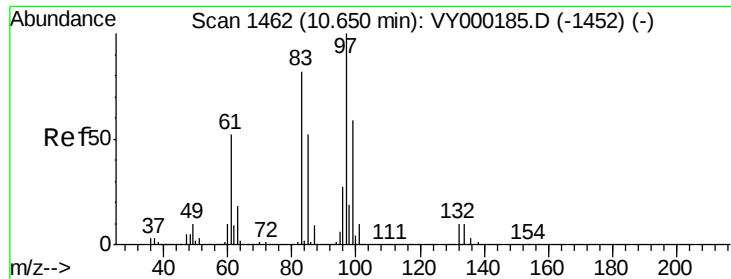


Abundance Ion 74.90 (74.60 to 75.60): MFF

Ion 76.90 (76.60 to 77.60): MFF

Ion 39.00 (38.70 to 39.70): MFF





#55

1,1,2-Trichloroethane

Concen: 1.147 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

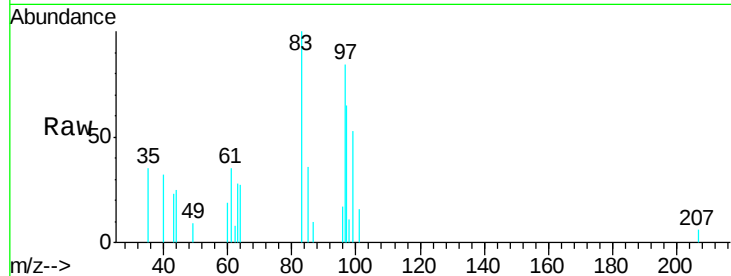
Lab File: MFF.D

Acq: 03 Oct 2019 13:43

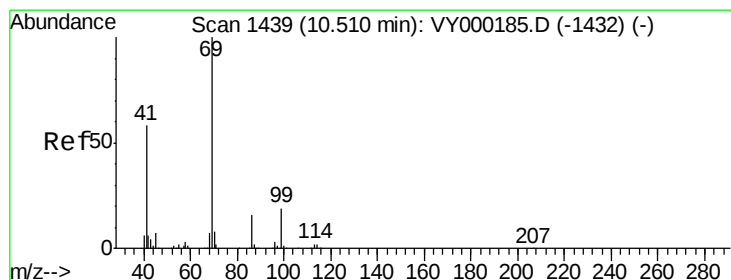
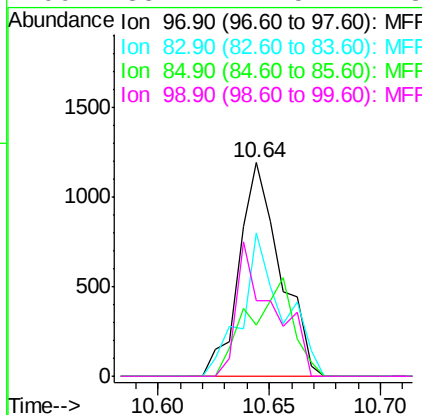
Instrument :

MSVOA_Y

ClientSampled :



Tgt Ion:	97	Resp:	1536
Ion	Ratio	Lower	Upper
97	100		
83	67.1	65.4	98.2
85	23.9	41.4	62.0#
99	35.4	47.5	71.3#



#56

Ethyl methacrylate

Concen: 0.772 ug/l

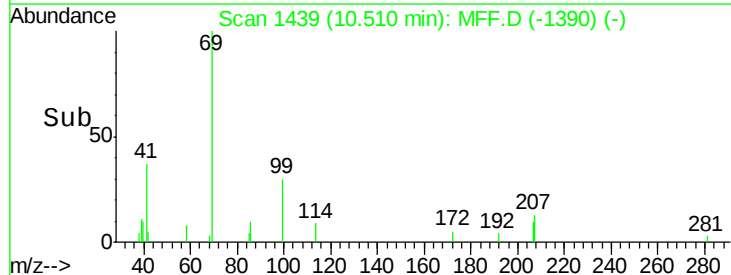
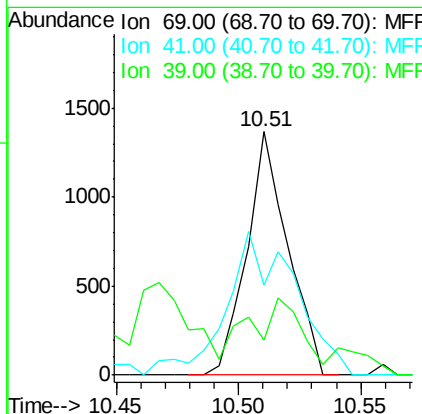
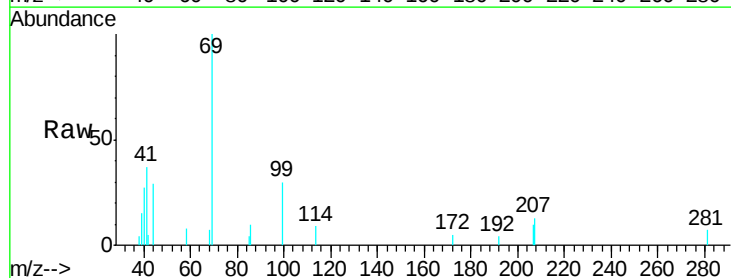
RT: 10.51 min Scan# 1439

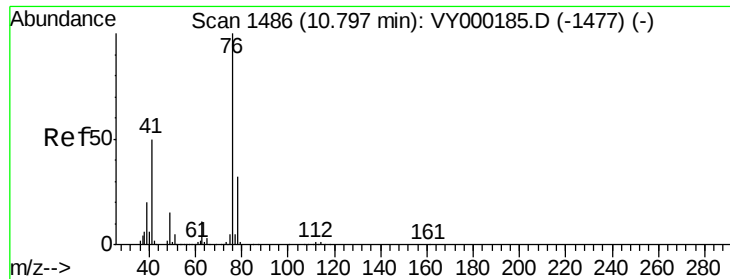
Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Tgt Ion:	69	Resp:	1604
Ion	Ratio	Lower	Upper
69	100		
41	99.0	48.1	72.1#
39	33.2	27.2	40.8





#57

1,3-Dichloropropane

Concen: 0.904 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

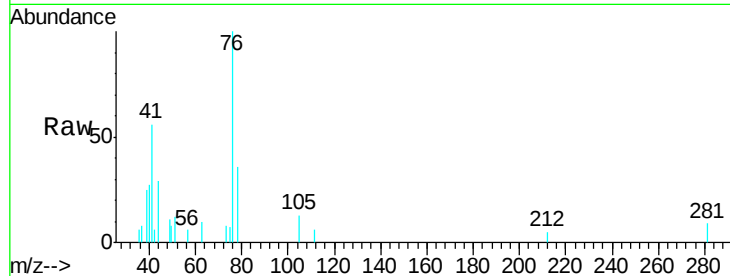
ClientSampled :

Tgt Ion: 76 Resp: 1884

Ion Ratio Lower Upper

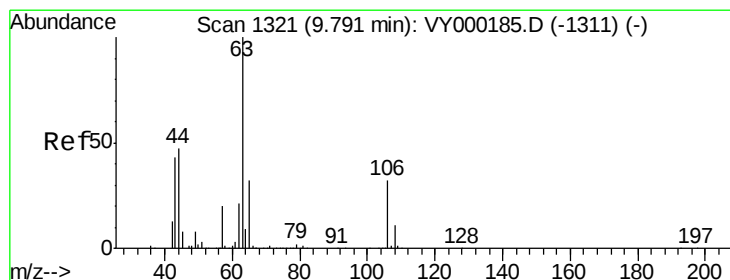
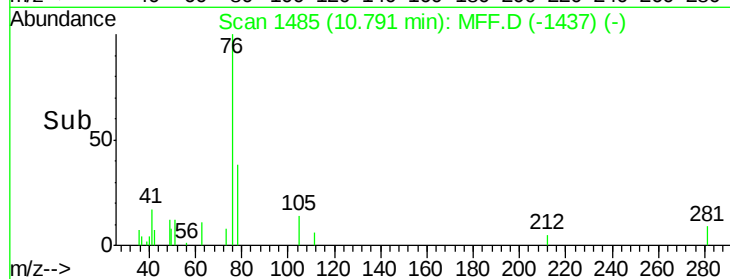
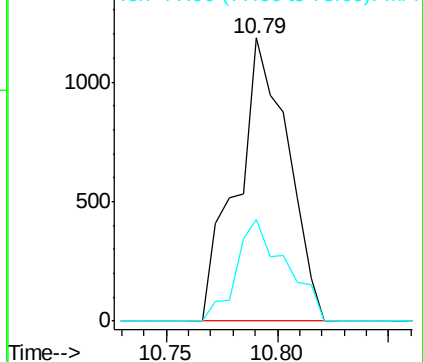
76 100

78 34.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): MFF

Ion 77.90 (77.60 to 78.60): MFF



#58

2-Chloroethyl Vinyl ether

Concen: 10.483 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: MFF.D

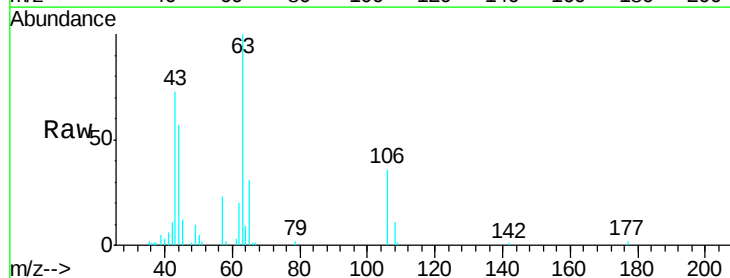
Acq: 03 Oct 2019 13:43

Tgt Ion: 63 Resp: 11120

Ion Ratio Lower Upper

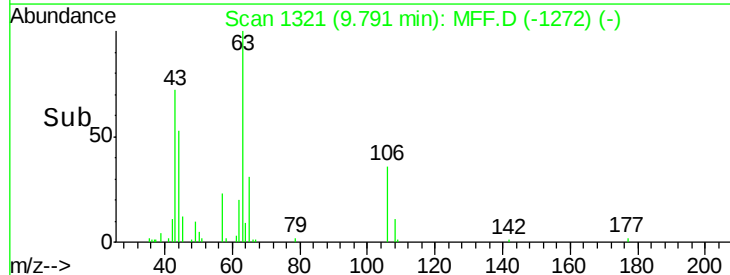
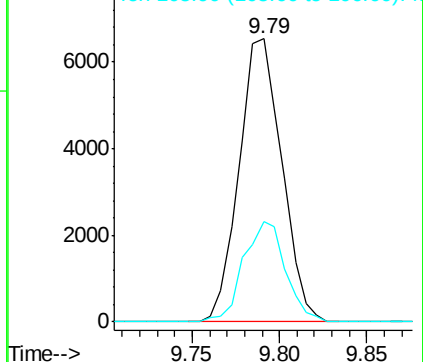
63 100

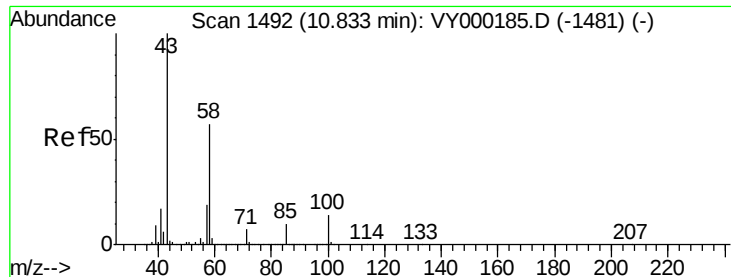
106 34.9 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): MFF

Ion 105.90 (105.60 to 106.60): MFF

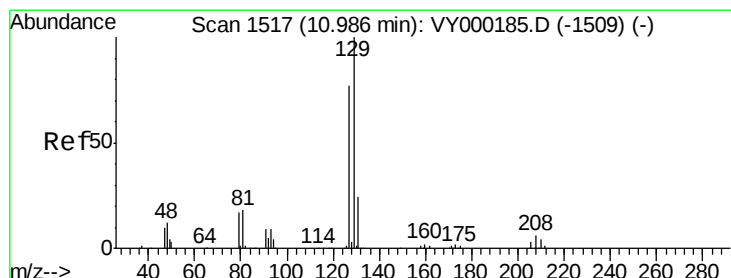
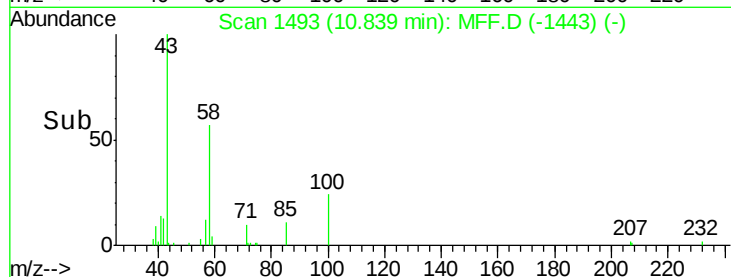
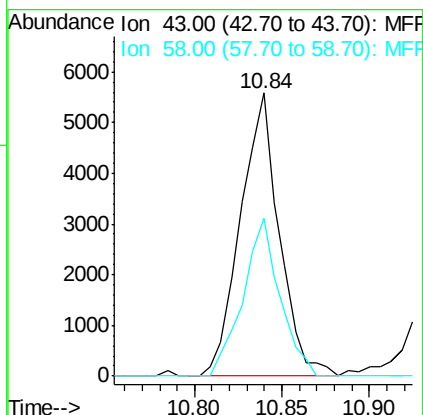
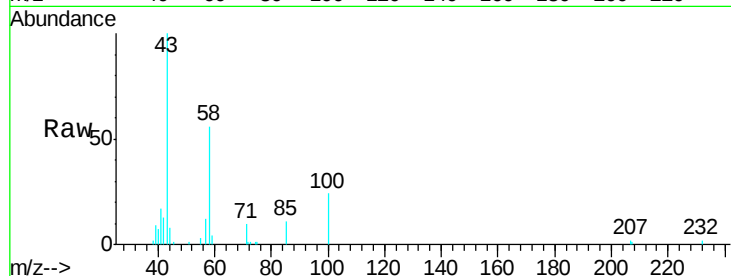




#59
2-Hexanone
Concen: 3.874 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

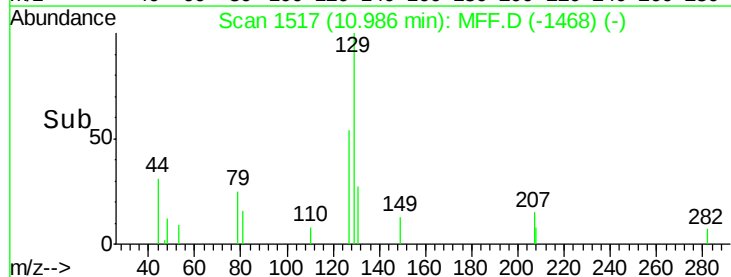
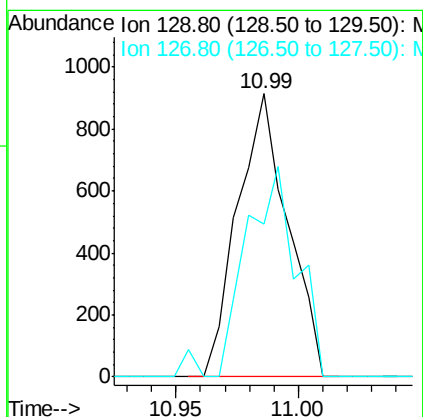
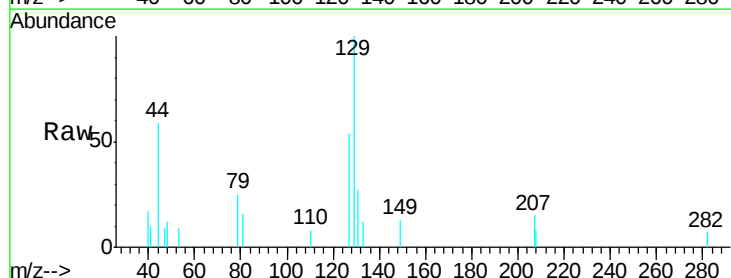
Instrument :
MSVOA_Y
ClientSampled :

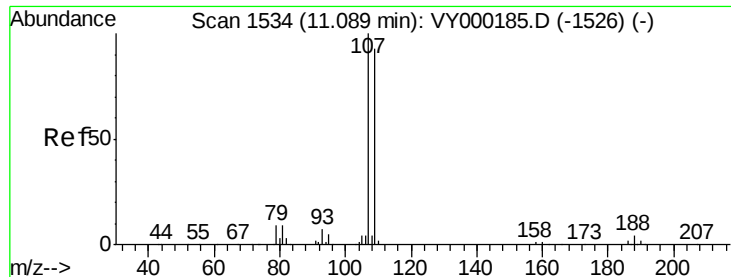
Tgt Ion: 43 Resp: 8615
Ion Ratio Lower Upper
43 100
58 52.9 28.6 85.8



#60
Dibromochloromethane
Concen: 0.845 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 129 Resp: 1302
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8

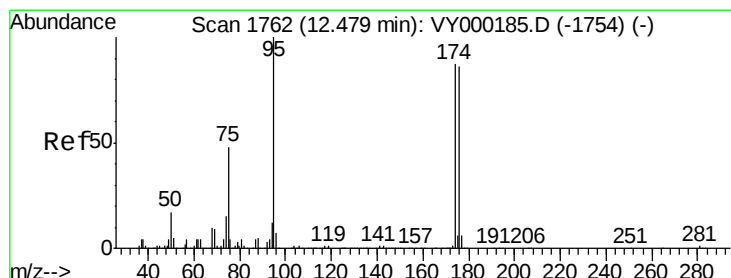
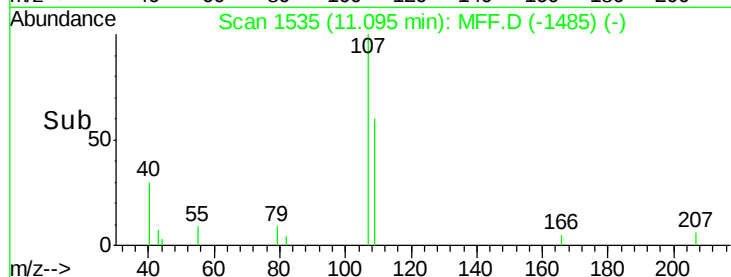
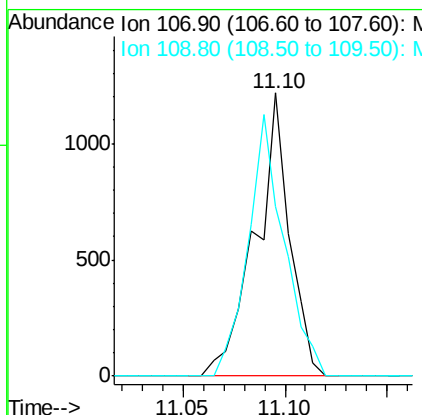
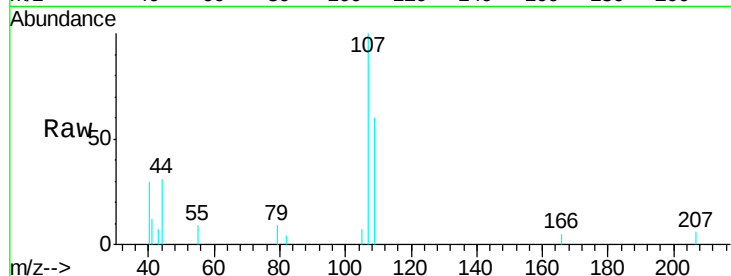




#61
 1,2-Dibromoethane
 Concen: 1.045 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

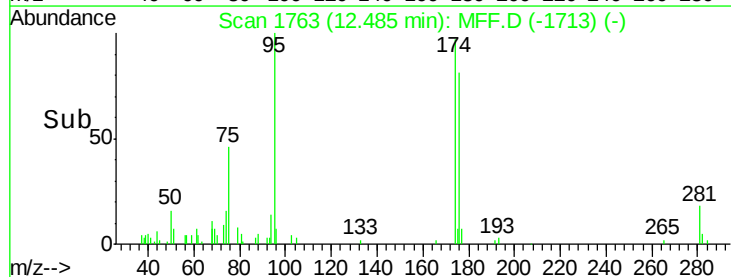
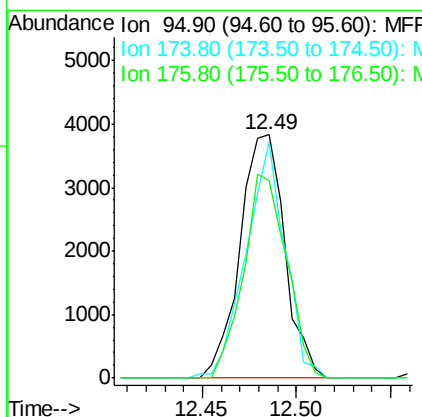
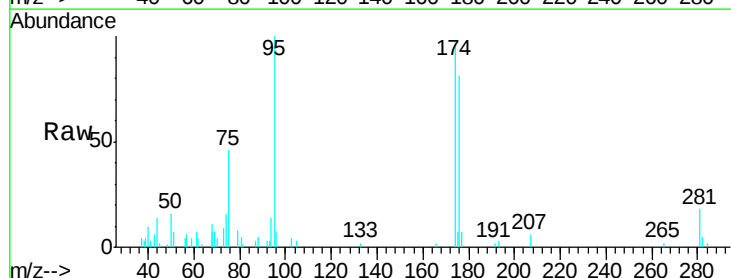
Instrument :
 MSVOA_Y
 ClientSampleId :

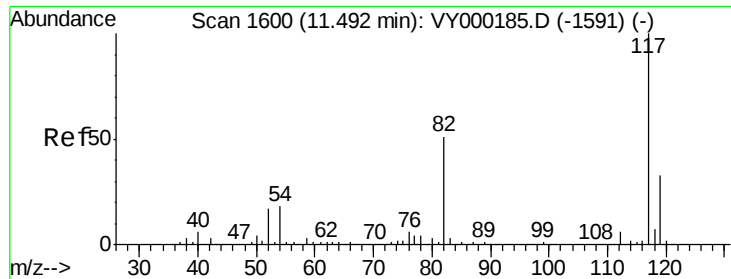
Tgt Ion: 107 Resp: 1419
 Ion Ratio Lower Upper
 107 100
 109 96.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 3.763 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 95 Resp: 6301
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 188.6
 176 80.7 0.0 183.6

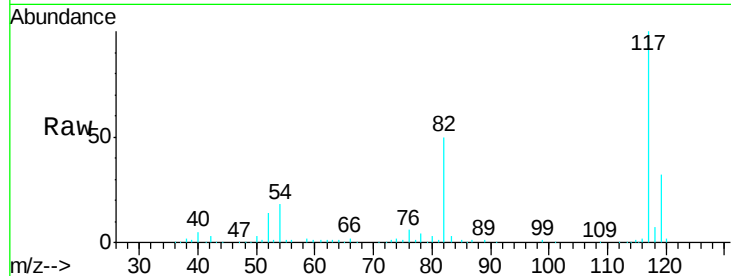




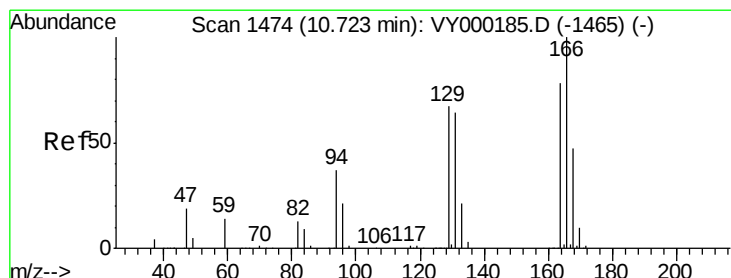
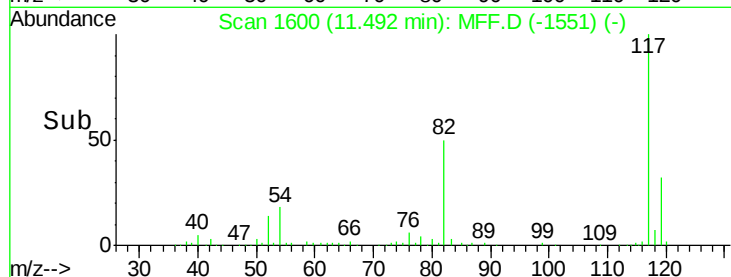
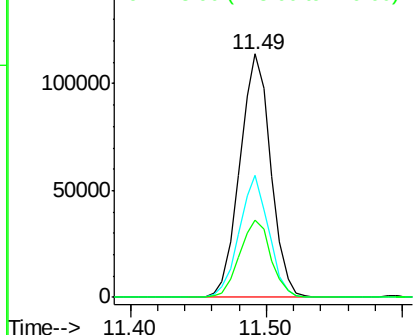
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 180591
Ion Ratio Lower Upper
117 100
82 50.2 41.0 61.4
119 31.7 26.2 39.2

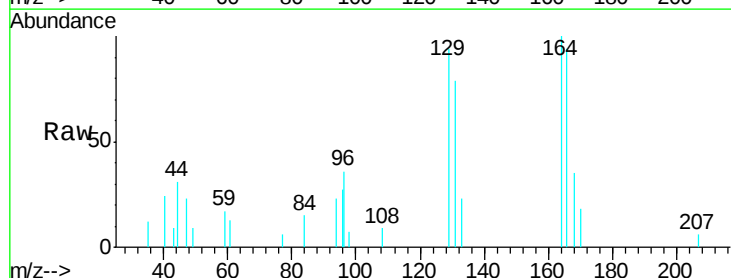


Abundance Ion 116.90 (116.60 to 117.60): N
Ion 82.00 (81.70 to 82.70): MFF
Ion 118.90 (118.60 to 119.60): N

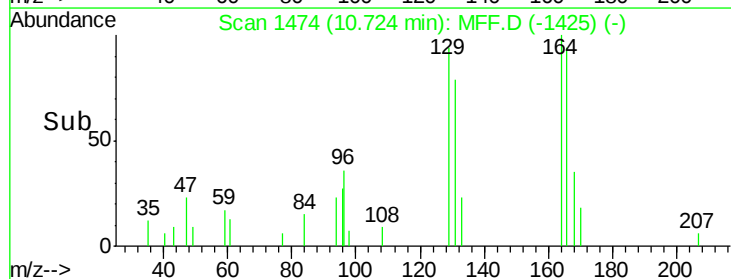
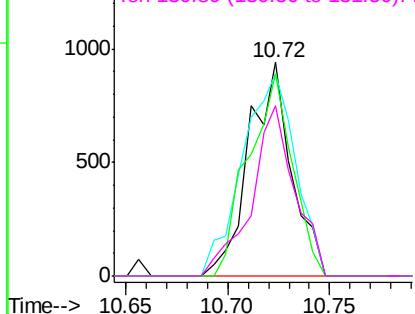


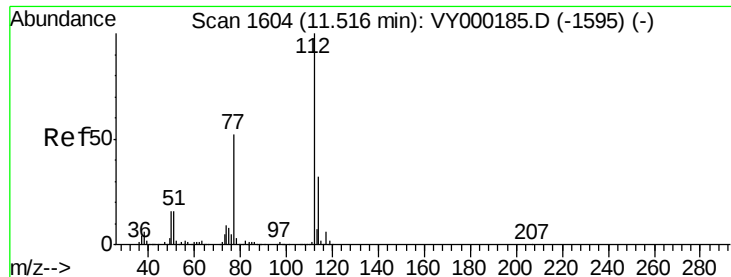
#64
Tetrachloroethene
Concen: 0.969 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion:164 Resp: 1363
Ion Ratio Lower Upper
164 100
166 94.5 103.2 154.8#
129 94.5 69.0 103.4
131 79.5 66.4 99.6



Abundance Ion 163.80 (163.50 to 164.50): N
Ion 165.80 (165.50 to 166.50): N
Ion 128.80 (128.50 to 129.50): N
Ion 130.80 (130.50 to 131.50): N





#65

Chlorobenzene

Concen: 0.867 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

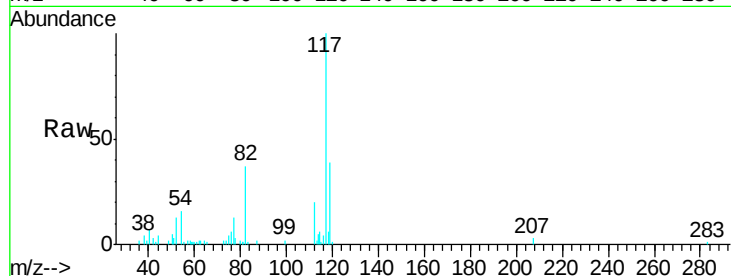
ClientSampled :

Tgt Ion:112 Resp: 2969

Ion Ratio Lower Upper

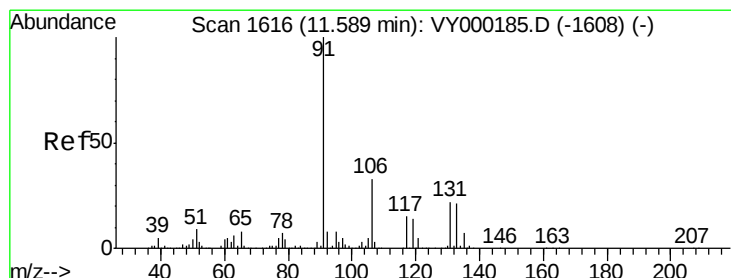
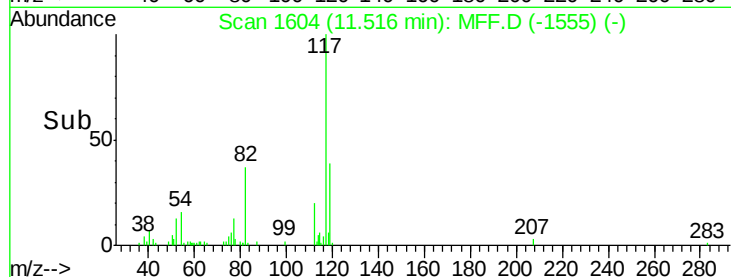
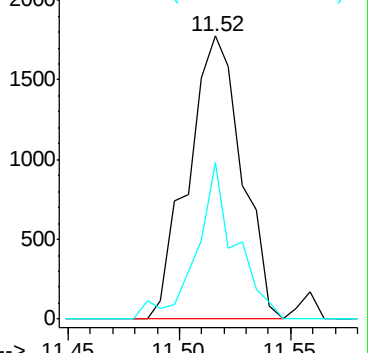
112 100

114 55.5 25.6 38.4#



Abundance Ion 111.90 (111.60 to 112.60): N

Ion 113.90 (113.60 to 114.60): N



#66

1,1,1,2-Tetrachloroethane

Concen: 0.697 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

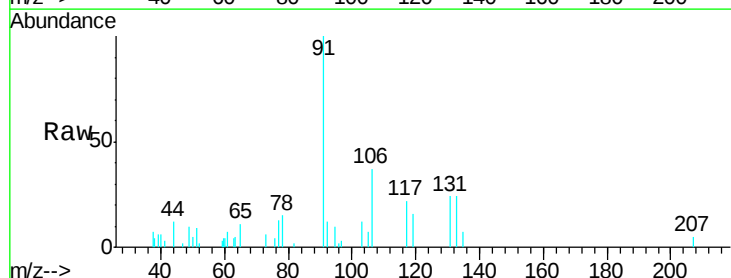
Tgt Ion:131 Resp: 984

Ion Ratio Lower Upper

131 100

133 127.7 47.4 142.3

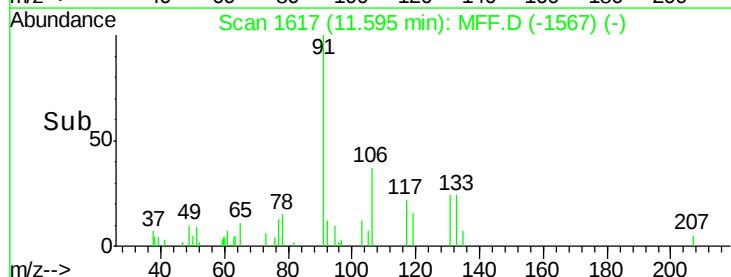
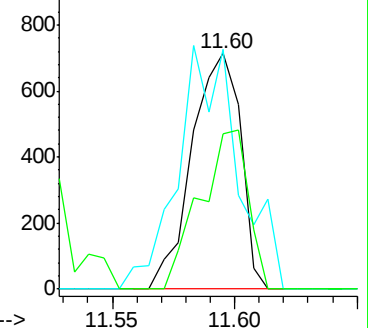
119 0.0 32.6 98.0#

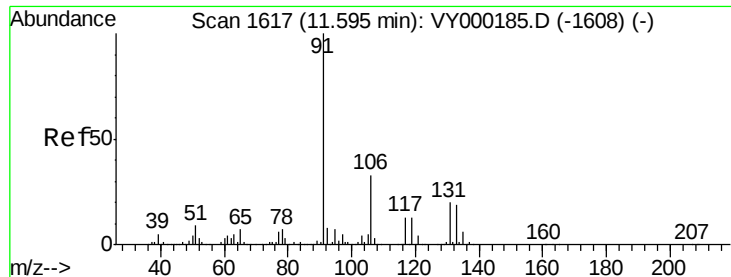


Abundance Ion 130.80 (130.50 to 131.50): N

Ion 132.80 (132.50 to 133.50): N

Ion 118.80 (118.50 to 119.50): N





#67

Ethyl Benzene

Concen: 0.862 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

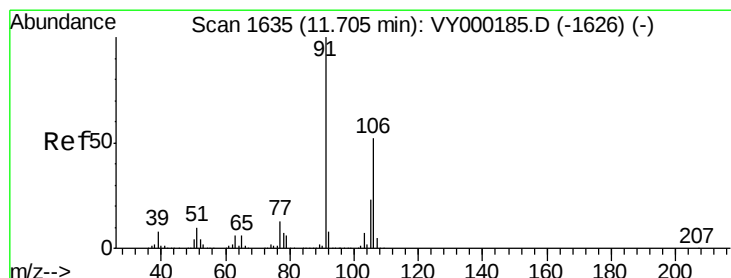
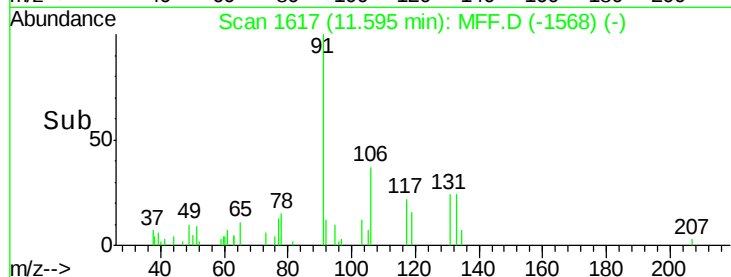
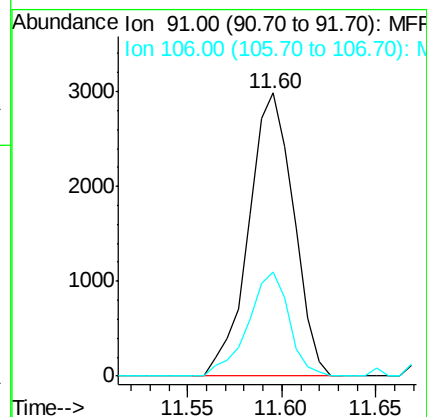
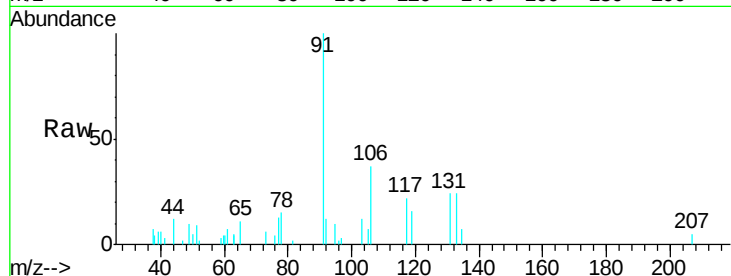
ClientSampleId :

Tgt Ion: 91 Resp: 4927

Ion Ratio Lower Upper

91 100

106 36.9 26.3 39.5



#68

m/p-Xylenes

Concen: 1.816 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. 0.00 min

Lab File: MFF.D

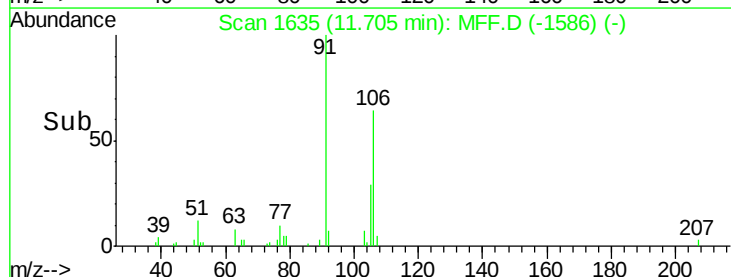
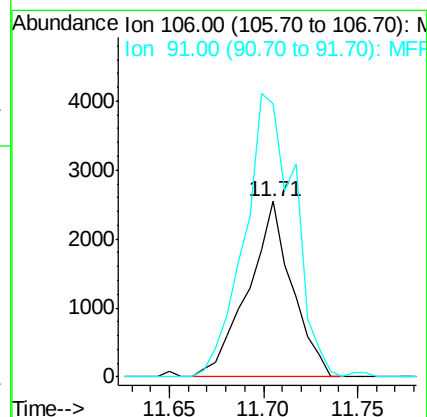
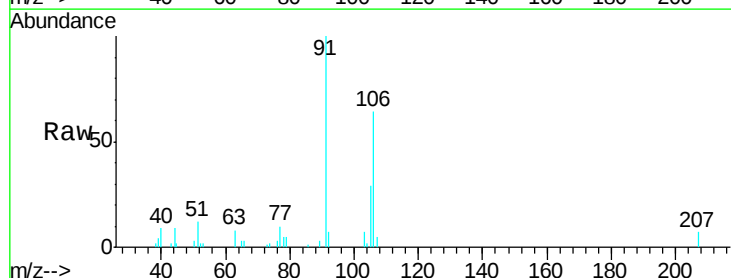
Acq: 03 Oct 2019 13:43

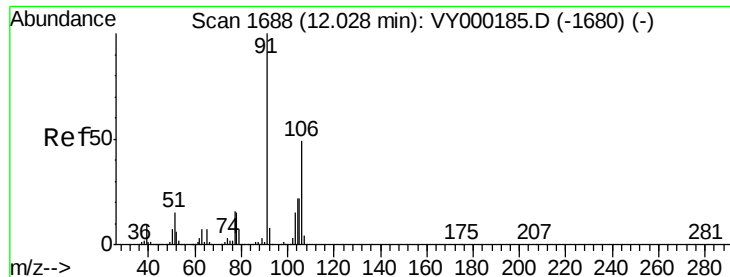
Tgt Ion: 106 Resp: 4117

Ion Ratio Lower Upper

106 100

91 183.3 151.7 227.5

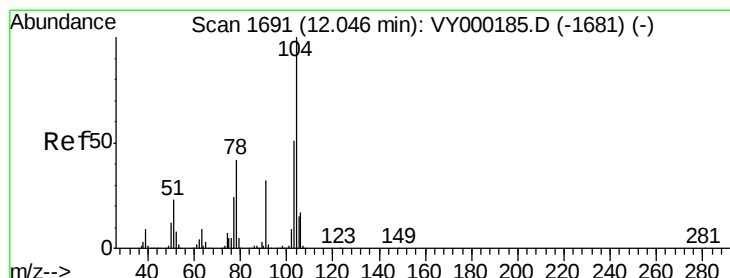
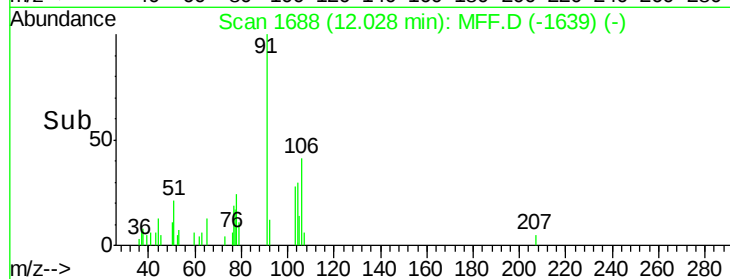
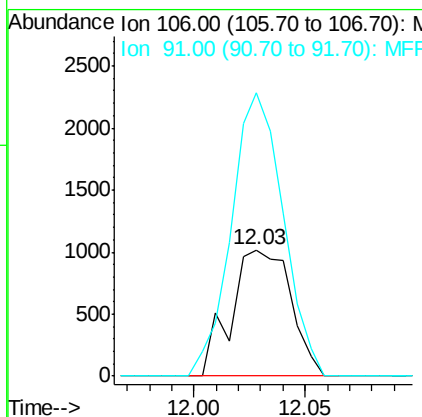
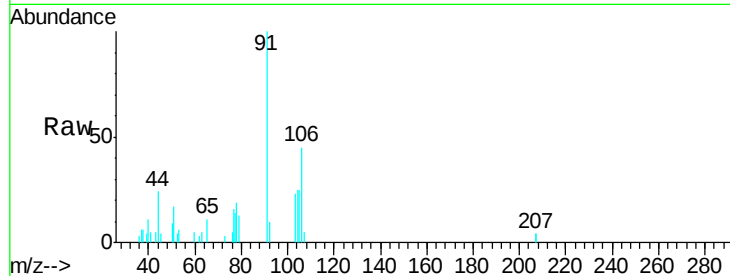




#69
o-Xylene
Concen: 0.841 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

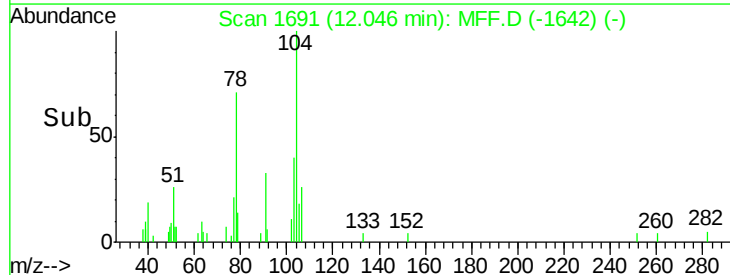
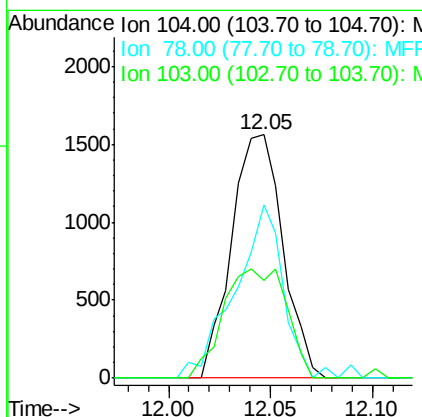
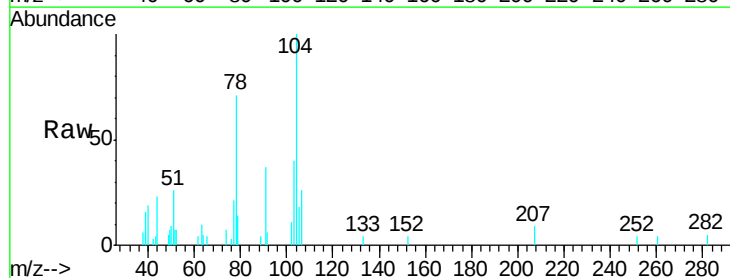
Instrument :
MSVOA_Y
ClientSampled :

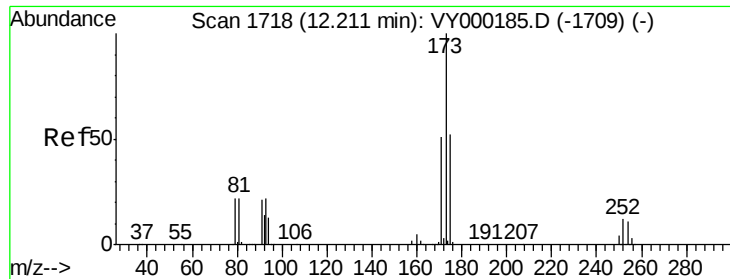
Tgt Ion:106 Resp: 1911
Ion Ratio Lower Upper
106 100
91 193.3 98.7 296.1



#70
Styrene
Concen: 0.698 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion:104 Resp: 2730
Ion Ratio Lower Upper
104 100
78 67.5 36.3 54.5#
103 55.2 43.1 64.7

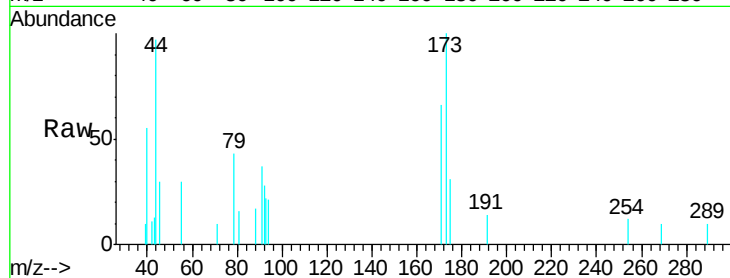




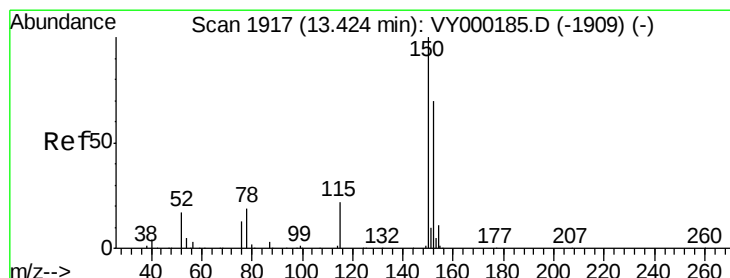
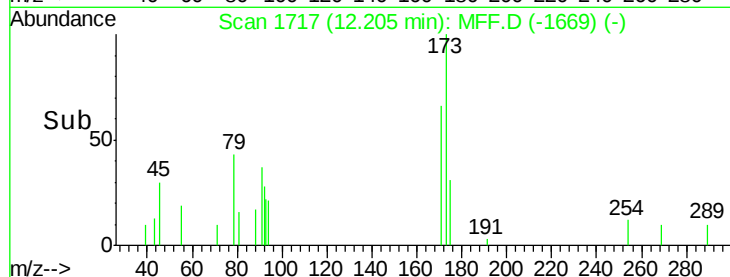
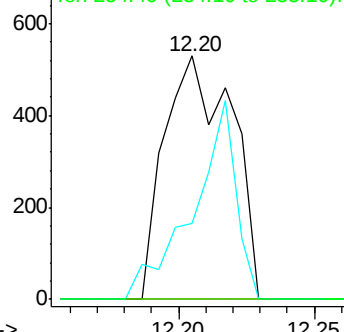
#71
Bromoform
Concen: 0.699 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:173 Resp: 910
Ion Ratio Lower Upper
173 100
175 52.4 24.5 73.5
254 0.0 0.1 0.1#

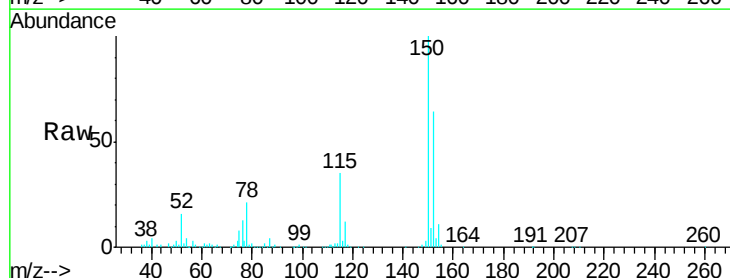


Abundance Ion 172.70 (172.40 to 173.40): N
Ion 174.70 (174.40 to 175.40): N
Ion 254.40 (254.10 to 255.10): N

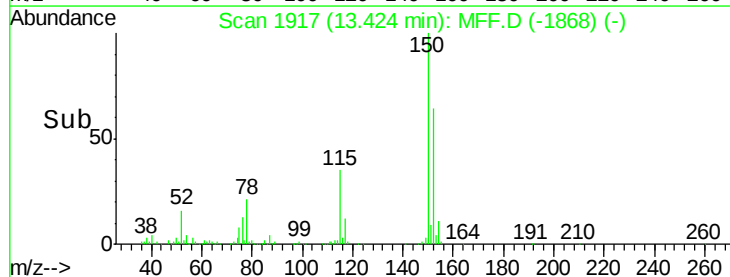
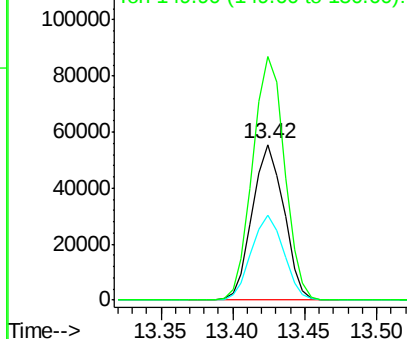


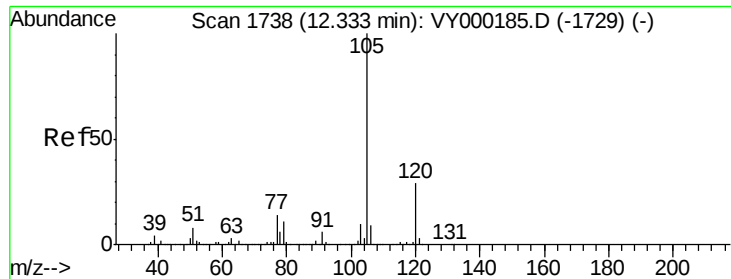
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion:152 Resp: 84108
Ion Ratio Lower Upper
152 100
115 55.8 27.2 81.6
150 158.4 0.0 351.2



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





#73

Isopropylbenzene

Concen: 0.800 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

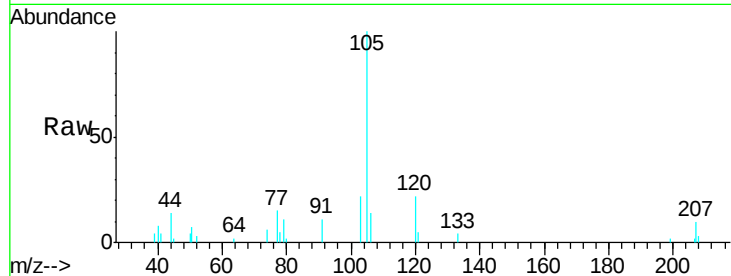
ClientSampleId :

Tgt Ion: 105 Resp: 4447

Ion Ratio Lower Upper

105 100

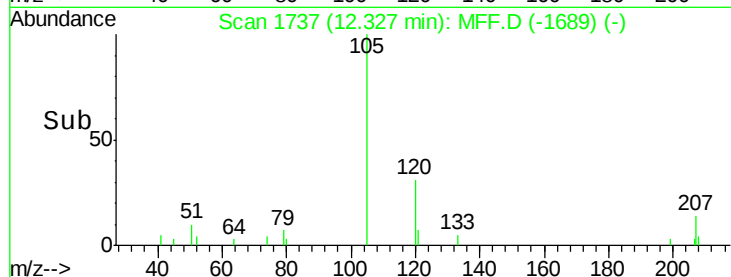
120 25.9 14.1 42.3



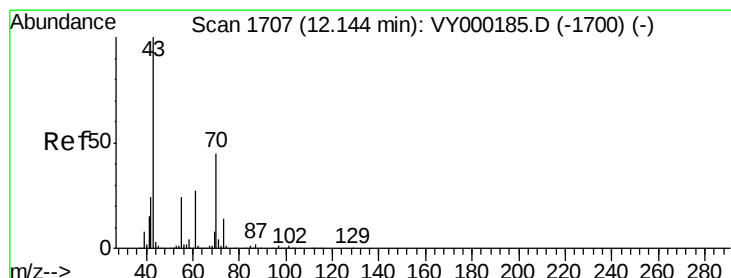
Abundance Ion 105.00 (104.70 to 105.70): MFF

Ion 120.00 (119.70 to 120.70): MFF

Time-->



Time-->



#74

N-ethyl acetate

Concen: 0.628 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Tgt Ion: 43 Resp: 1535

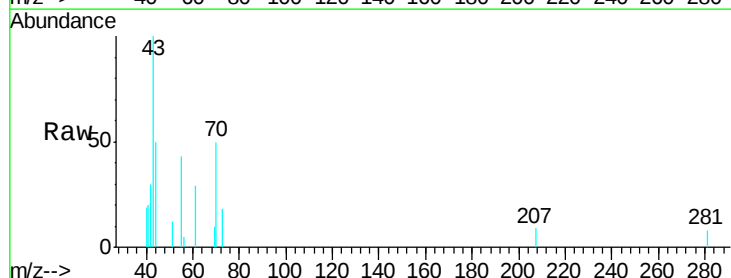
Ion Ratio Lower Upper

43 100

70 46.4 36.7 55.1

55 40.1 18.6 27.8#

61 31.7 21.0 31.6#



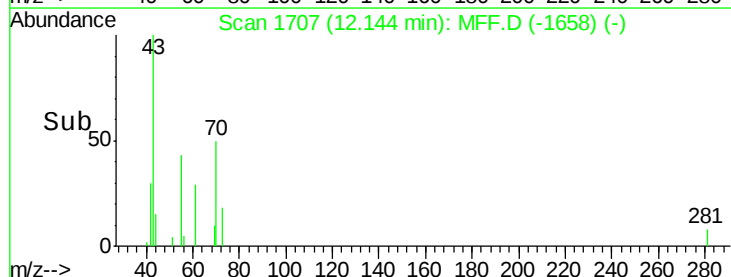
Abundance Ion 43.00 (42.70 to 43.70): MFF

Ion 70.00 (69.70 to 70.70): MFF

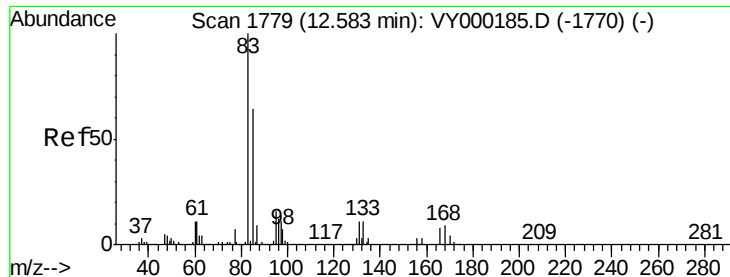
Ion 55.00 (54.70 to 55.70): MFF

Ion 61.00 (60.70 to 61.70): MFF

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.761 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: MFF.D

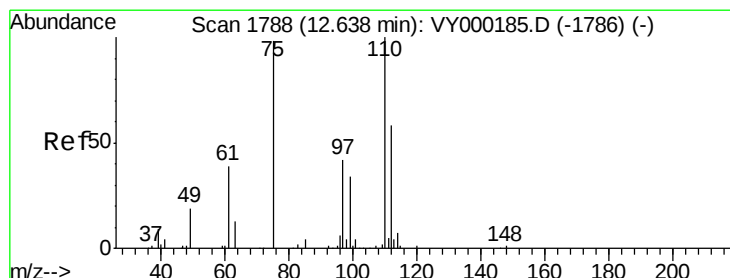
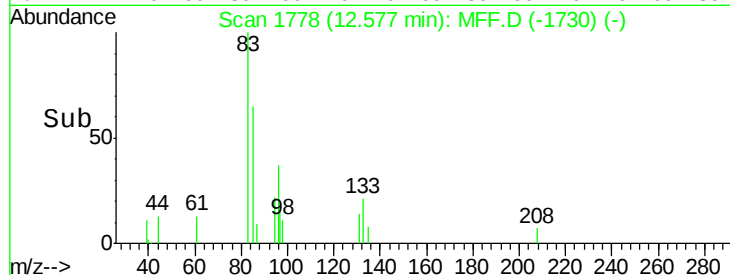
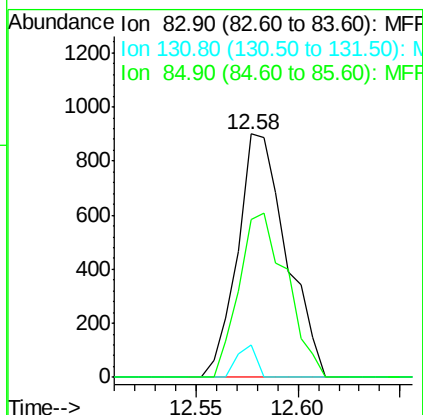
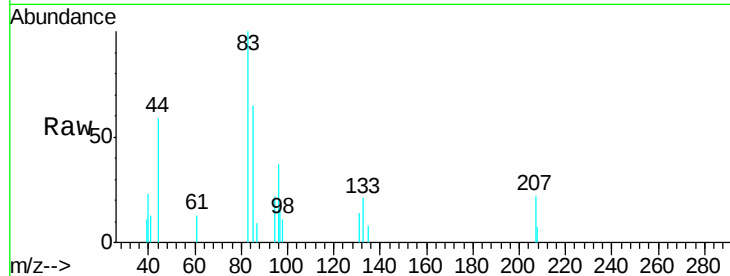
Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	1501
Ion	Ratio	Lower	Upper
83	100		
131	5.1	5.6	16.8#
85	65.8	32.1	96.3



#76

1,2,3-Trichloropropane

Concen: 1.148 ug/l

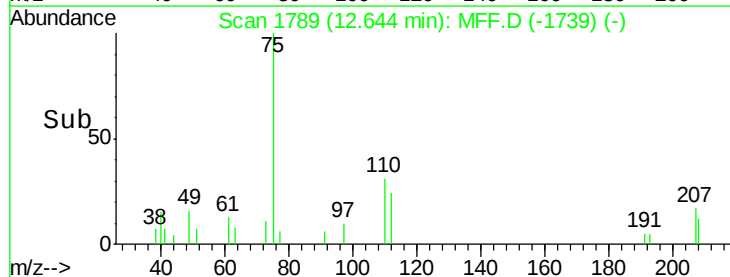
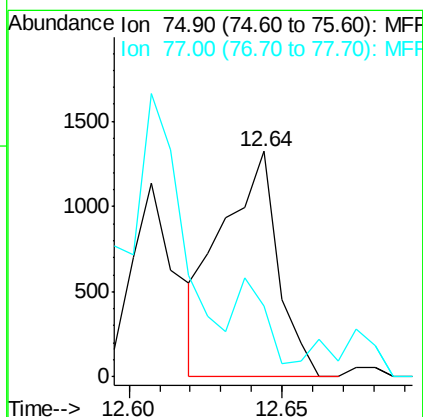
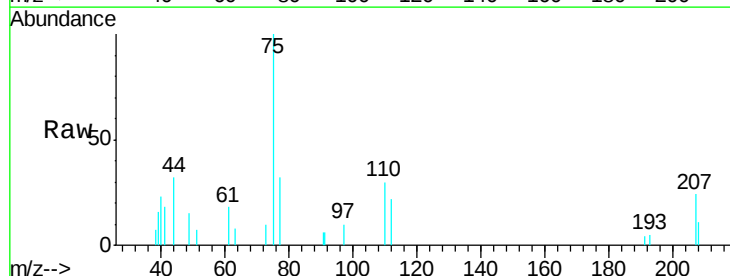
RT: 12.64 min Scan# 1789

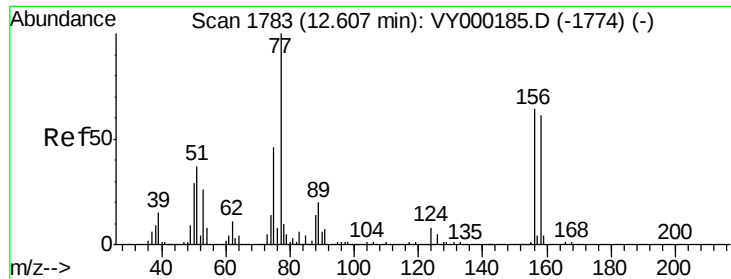
Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Tgt Ion:	75	Resp:	1693
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 1.031 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

ClientSampleId :

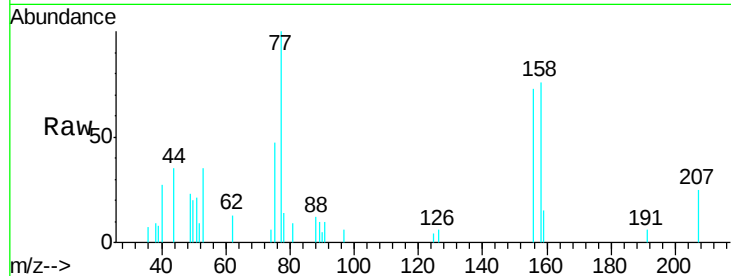
Tgt Ion:156 Resp: 1577

Ion Ratio Lower Upper

156 100

77 141.7 95.3 285.8

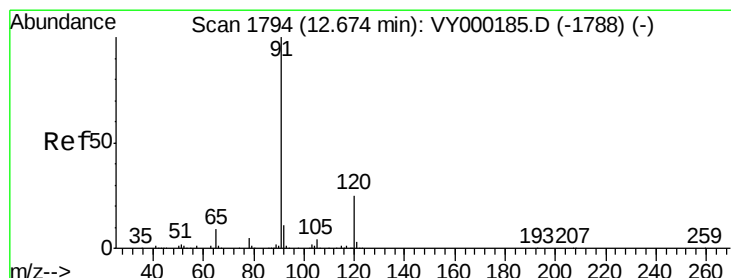
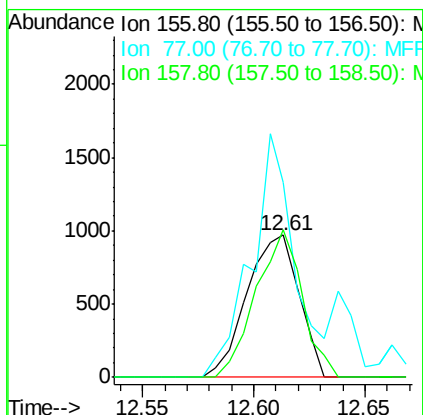
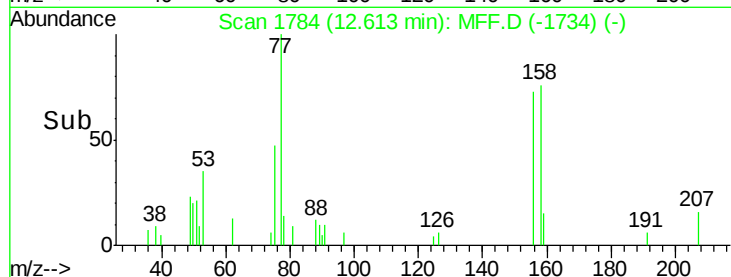
158 92.1 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): MFF

Ion 77.00 (76.70 to 77.70): MFF

Ion 157.80 (157.50 to 158.50): MFF



#78

n-propylbenzene

Concen: 0.732 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: MFF.D

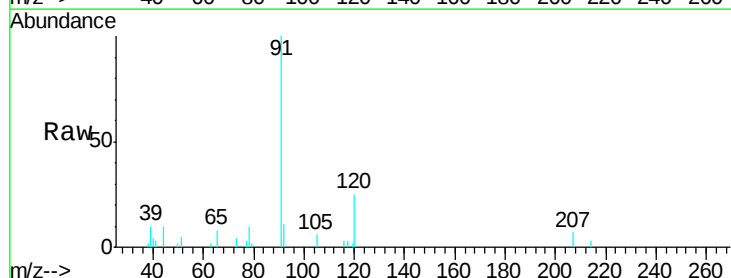
Acq: 03 Oct 2019 13:43

Tgt Ion: 91 Resp: 4546

Ion Ratio Lower Upper

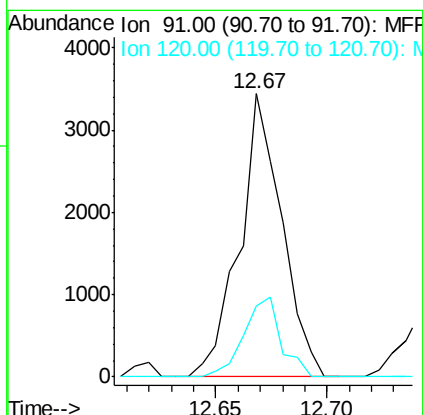
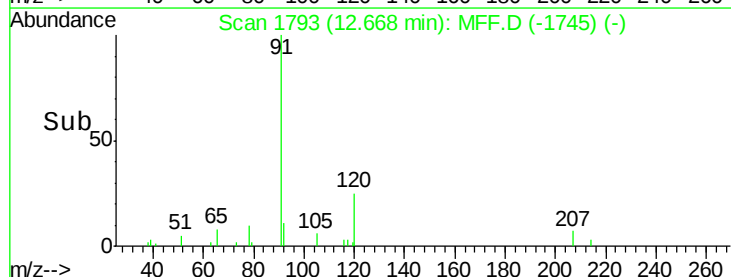
91 100

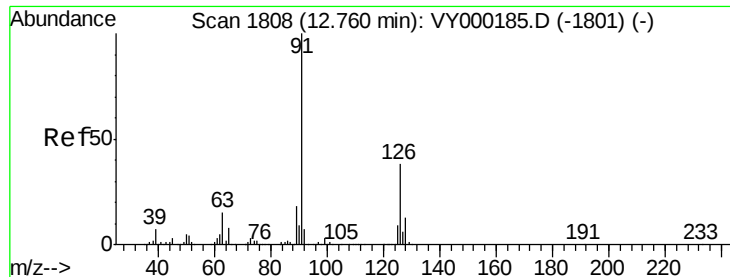
120 24.9 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): MFF

Ion 120.00 (119.70 to 120.70): MFF

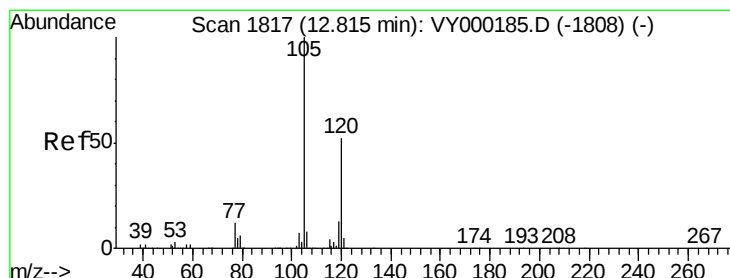
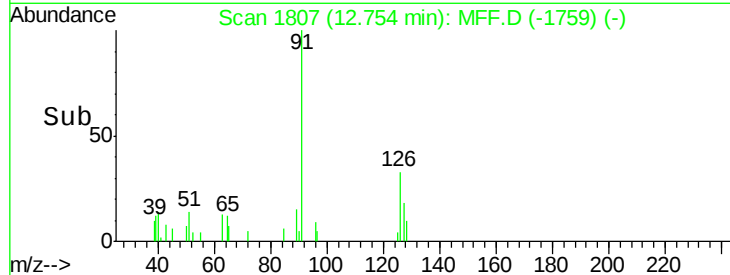
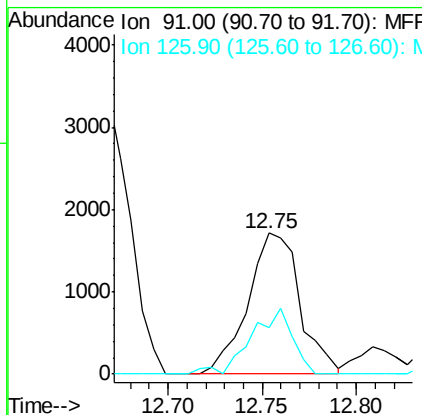
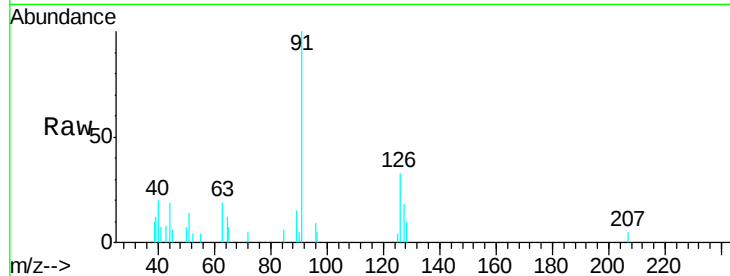




#79
 2-Chlorotoluene
 Concen: 0.898 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

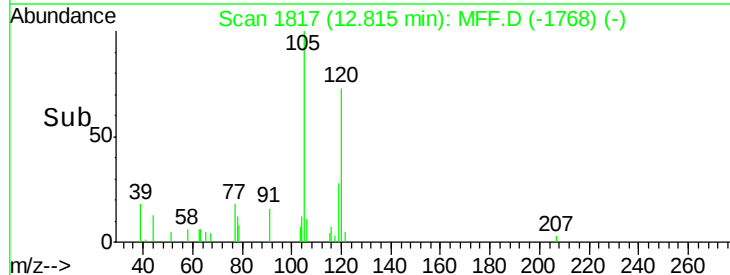
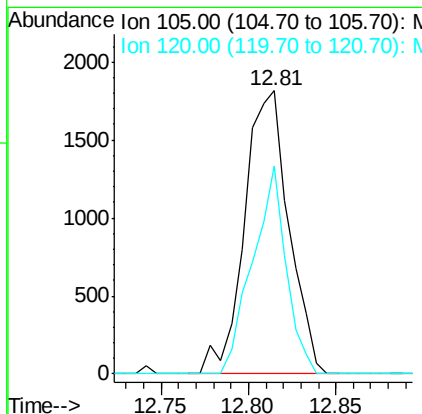
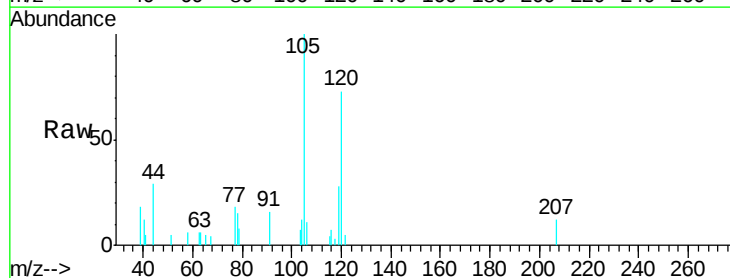
Instrument :
 MSVOA_Y
 ClientSampleId :

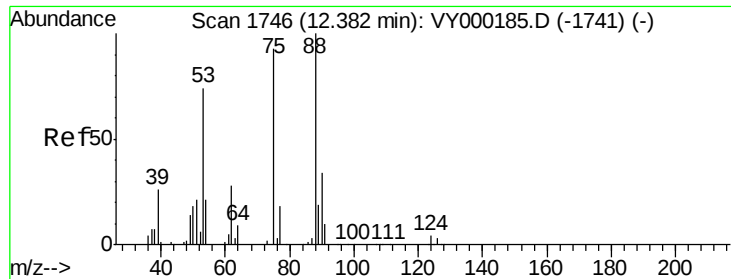
Tgt Ion: 91 Resp: 3286
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.688 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion: 105 Resp: 3207
 Ion Ratio Lower Upper
 105 100
 120 55.8 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.739 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

ClientSampleId :

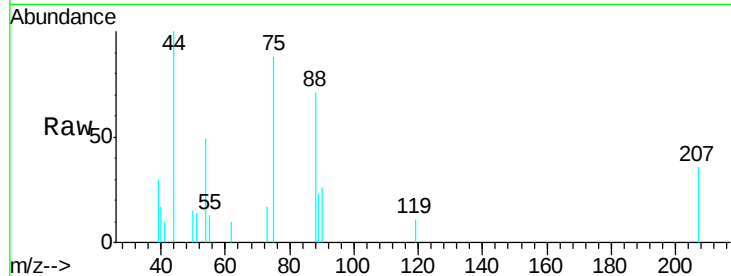
Tgt Ion: 75 Resp: 609

Ion Ratio Lower Upper

75 100

53 68.3 67.7 101.5

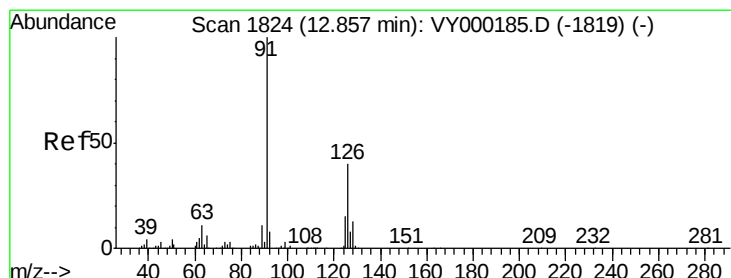
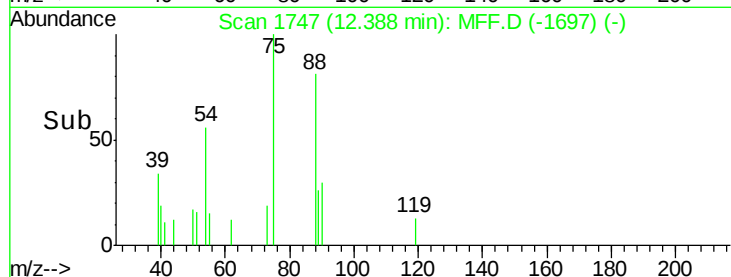
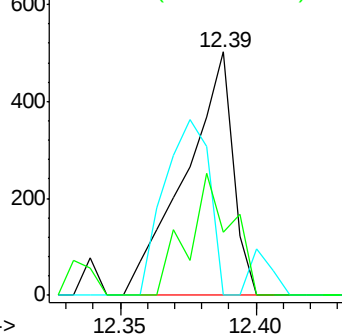
89 45.5 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): MFF

Ion 53.00 (52.70 to 53.70): MFF

Ion 88.90 (88.60 to 89.60): MFF



#82

4-Chlorotoluene

Concen: 0.815 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: MFF.D

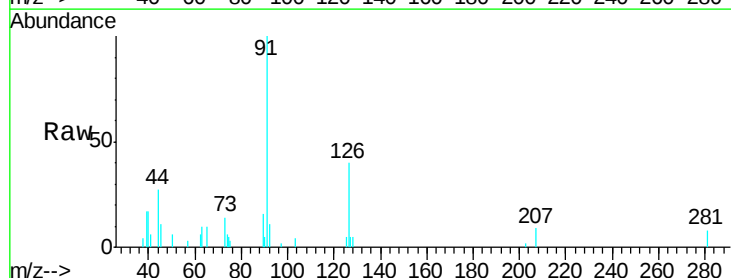
Acq: 03 Oct 2019 13:43

Tgt Ion: 91 Resp: 3176

Ion Ratio Lower Upper

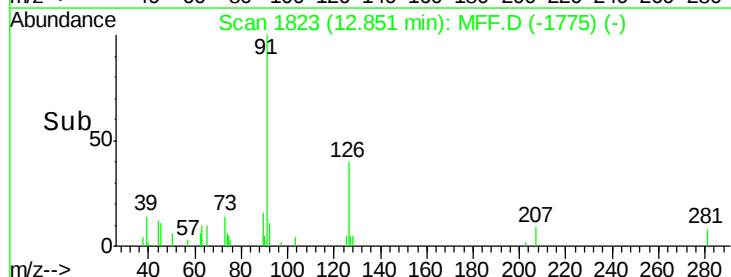
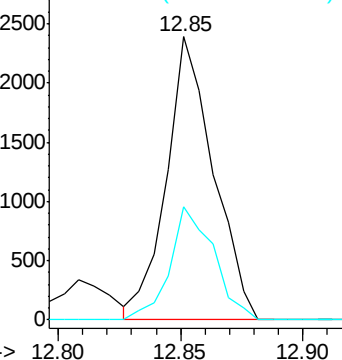
91 100

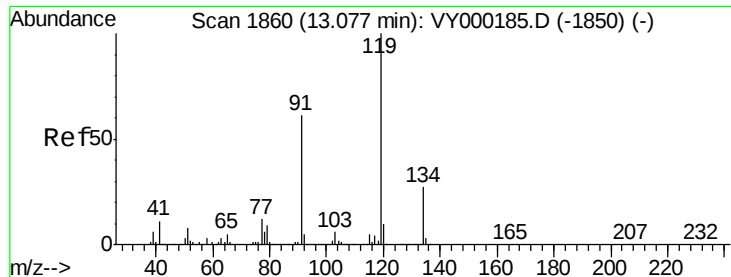
126 37.3 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): MFF

Ion 125.90 (125.60 to 126.60): MFF

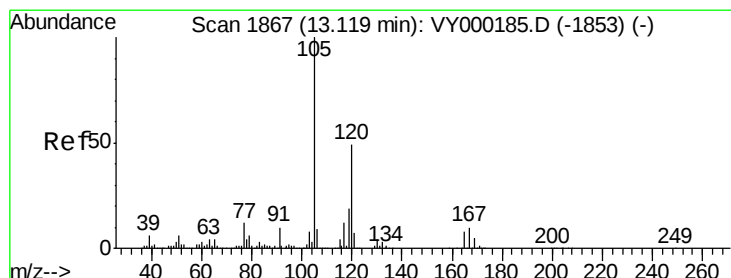
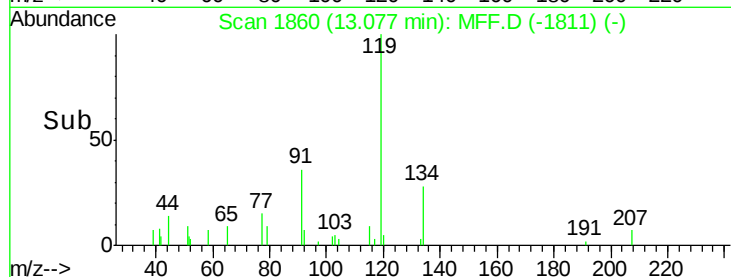
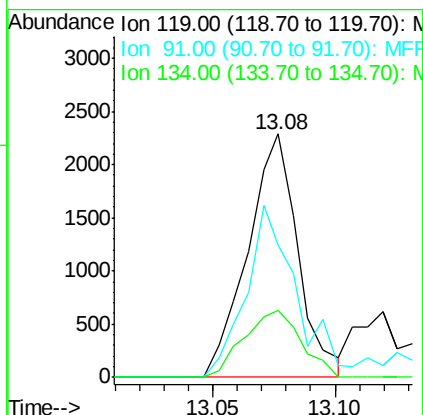
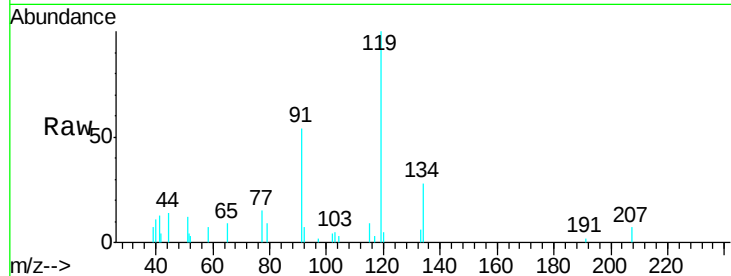




#83
 tert-Butylbenzene
 Concen: 0.772 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

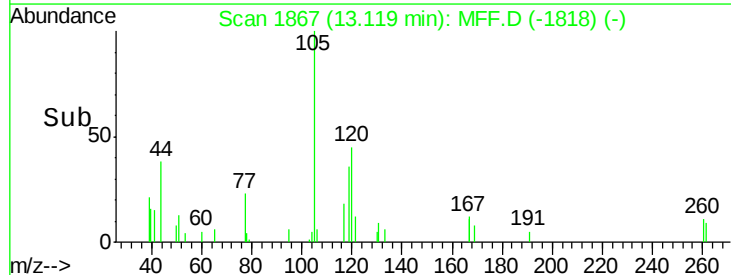
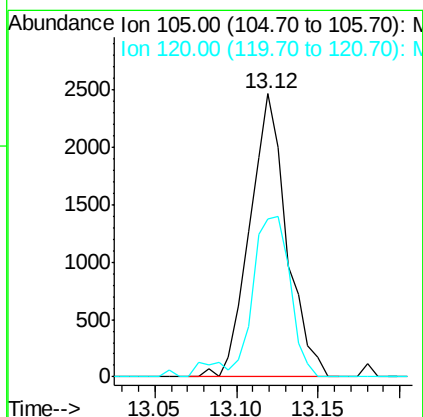
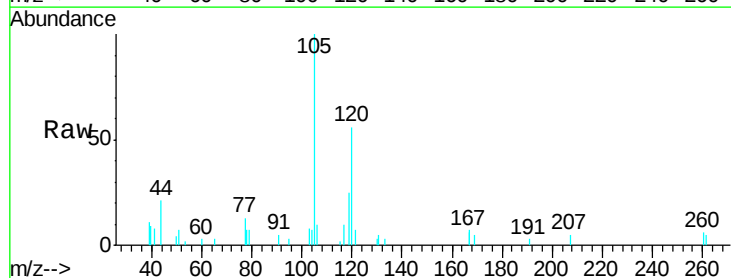
Instrument :
 MSVOA_Y
 ClientSampled :

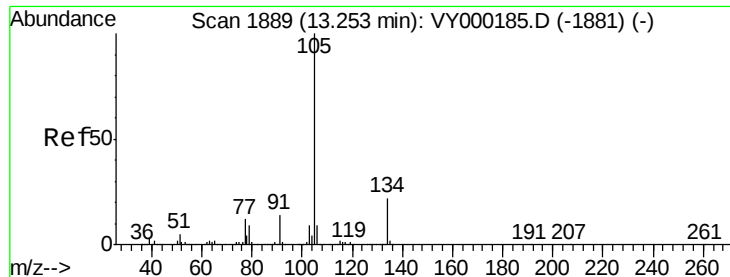
Tgt Ion:119 Resp: 3279
 Ion Ratio Lower Upper
 119 100
 91 70.9 30.6 92.0
 134 31.5 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.841 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion:105 Resp: 3888
 Ion Ratio Lower Upper
 105 100
 120 56.5 24.0 72.0

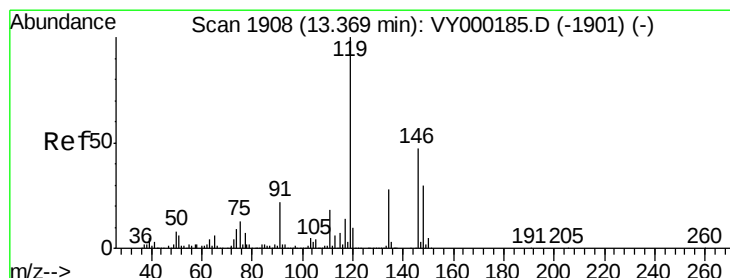
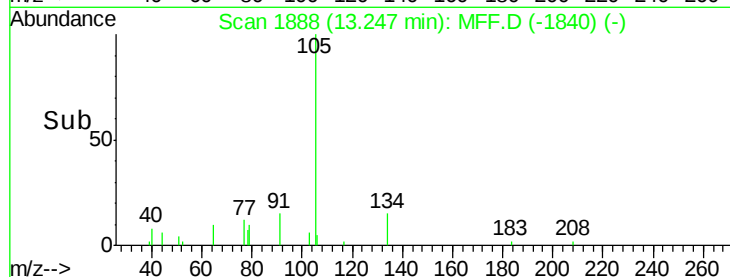
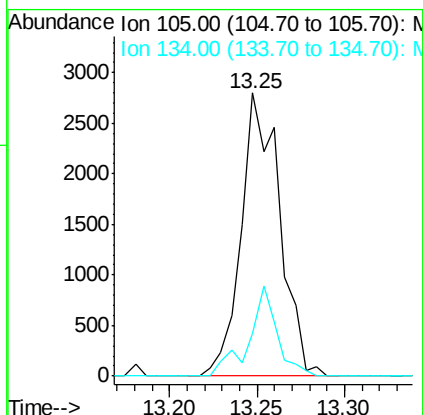
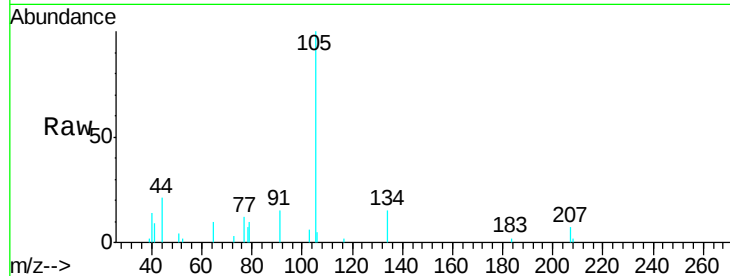




#85
 sec-Butylbenzene
 Concen: 0.754 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

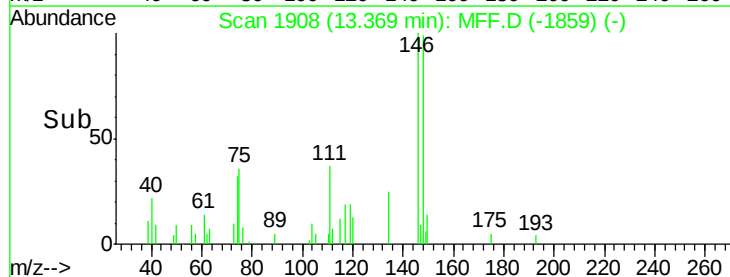
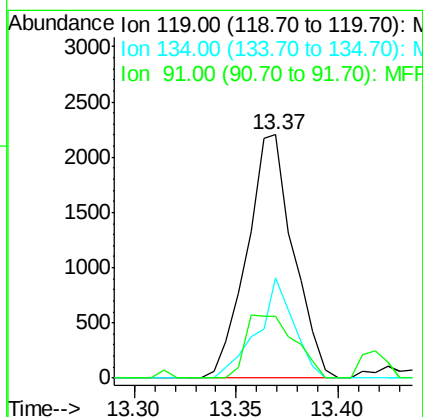
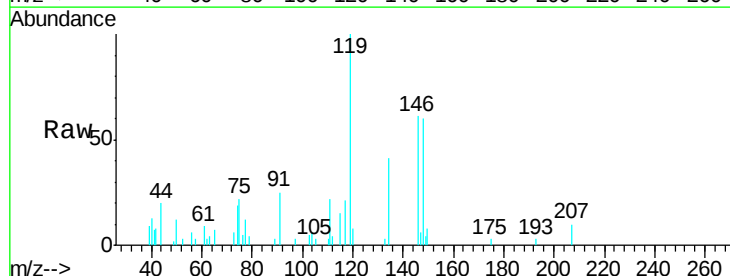
Instrument :
 MSVOA_Y
 ClientSampleId :

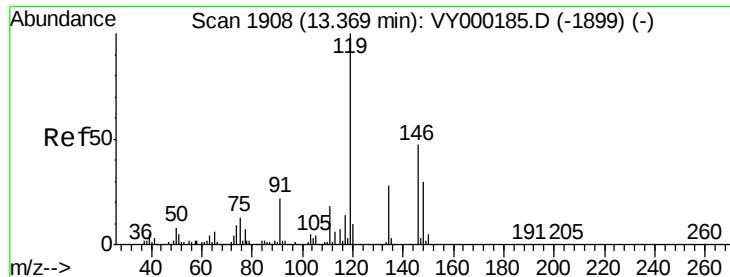
Tgt Ion:105 Resp: 4287
 Ion Ratio Lower Upper
 105 100
 134 23.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 0.670 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion:119 Resp: 3494
 Ion Ratio Lower Upper
 119 100
 134 32.2 14.1 42.2
 91 27.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 0.830 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

Instrument :

MSVOA_Y

ClientSampleId :

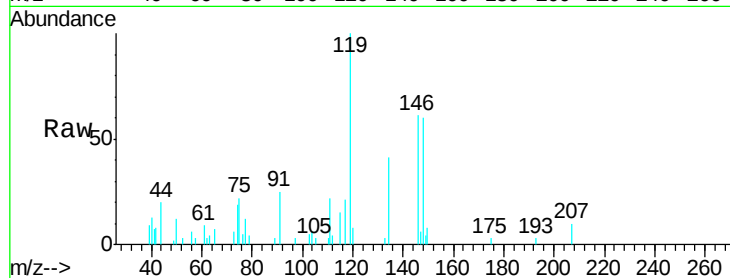
Tgt Ion:146 Resp: 2291

Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.7

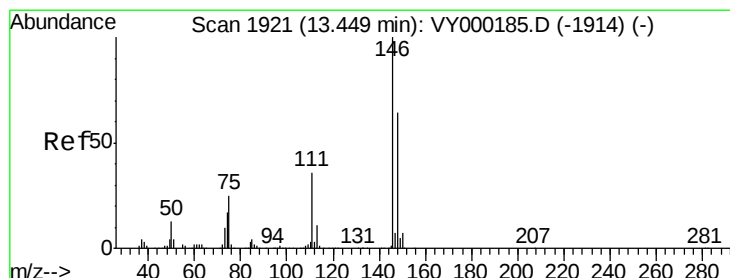
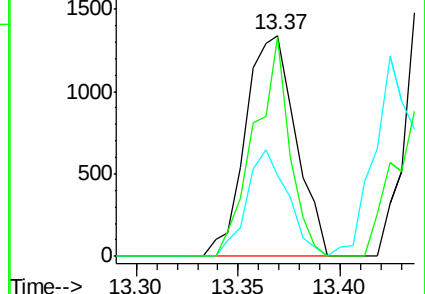
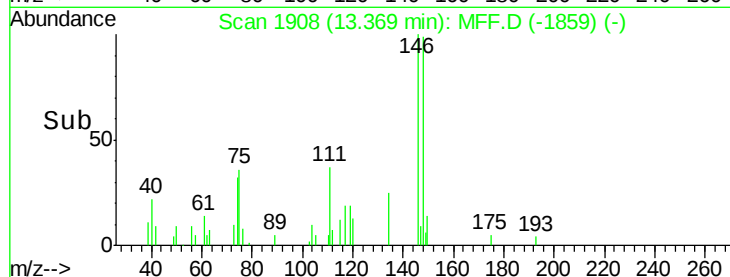
148 70.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): N

Ion 110.90 (110.60 to 111.60): N

Ion 147.90 (147.60 to 148.60): N



#88

1,4-Dichlorobenzene

Concen: 0.797 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.08 min

Lab File: MFF.D

Acq: 03 Oct 2019 13:43

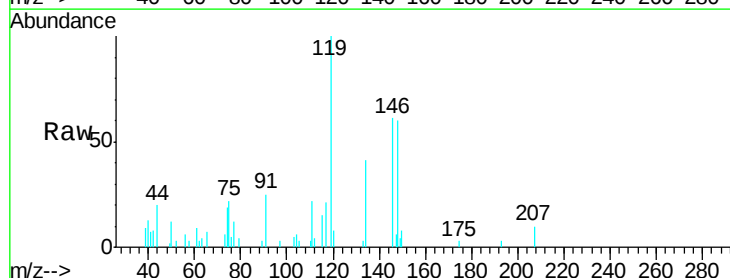
Tgt Ion:146 Resp: 2291

Ion Ratio Lower Upper

146 100

111 39.5 18.1 54.1

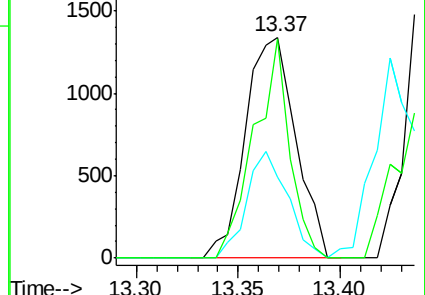
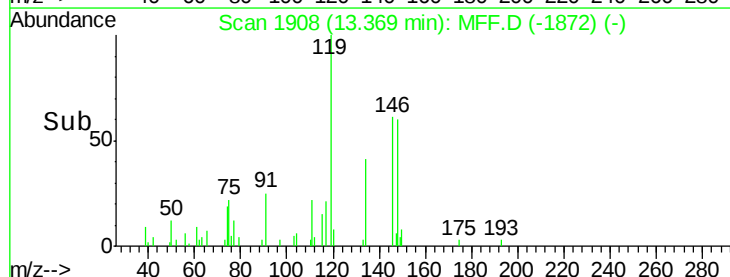
148 70.1 32.3 96.8

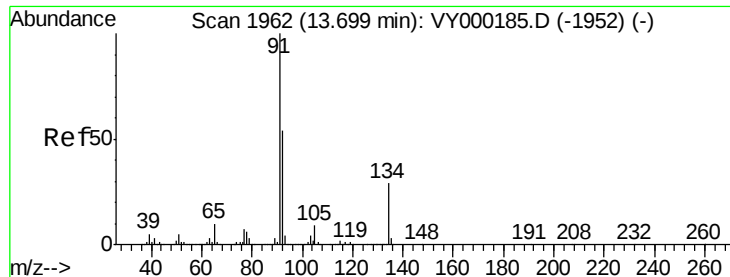


Abundance Ion 145.90 (145.60 to 146.60): N

Ion 110.90 (110.60 to 111.60): N

Ion 147.90 (147.60 to 148.60): N

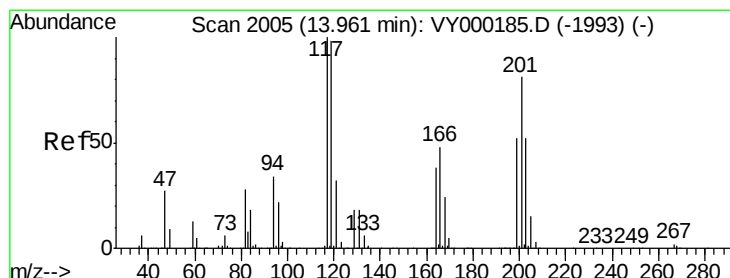
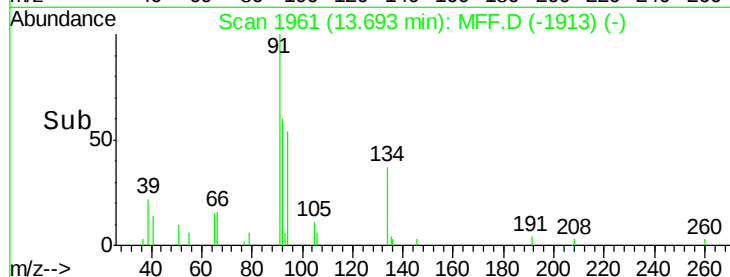
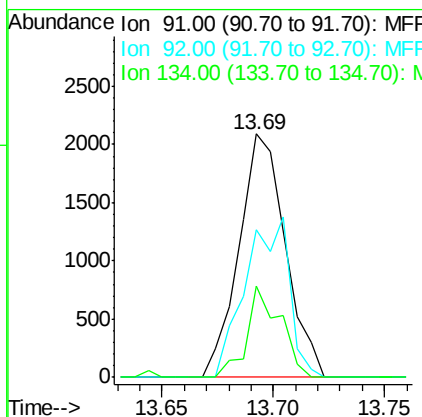
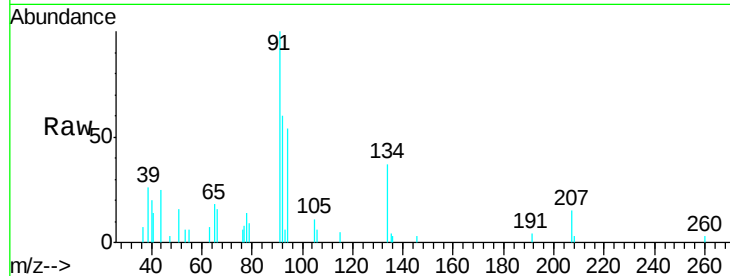




#89
n-Butylbenzene
Concen: 0.664 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

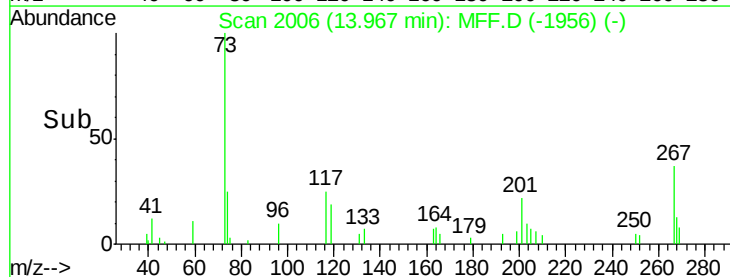
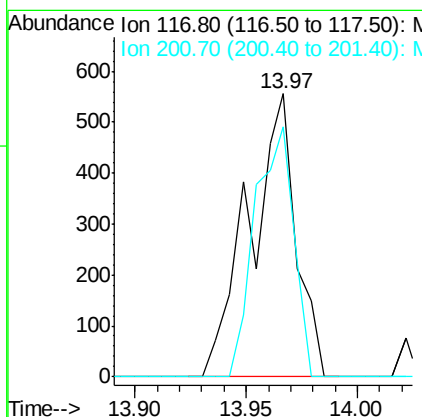
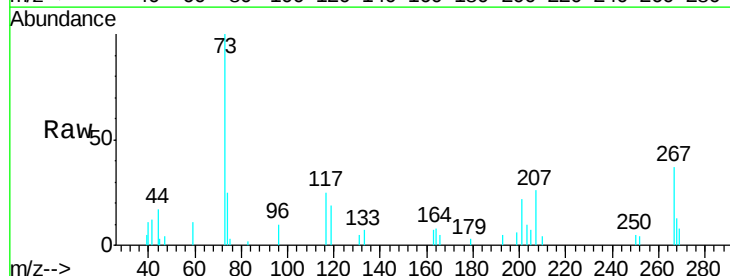
Instrument :
MSVOA_Y
ClientSampled :

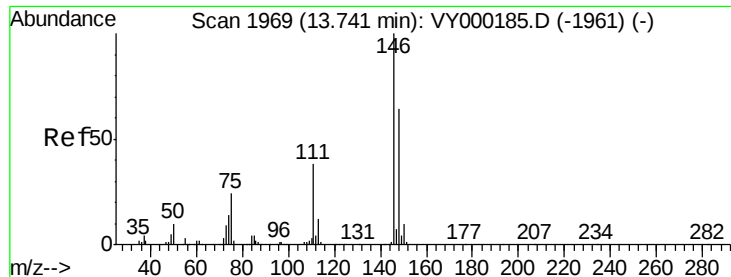
Tgt Ion: 91 Resp: 3042
Ion Ratio Lower Upper
91 100
92 62.2 27.1 81.3
134 26.7 14.4 43.0



#90
Hexachloroethane
Concen: 0.780 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion: 117 Resp: 806
Ion Ratio Lower Upper
117 100
201 73.6 42.6 128.0

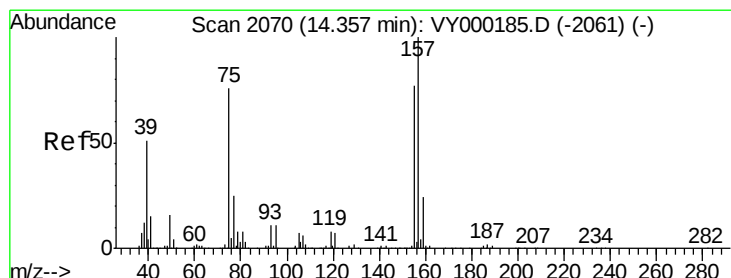
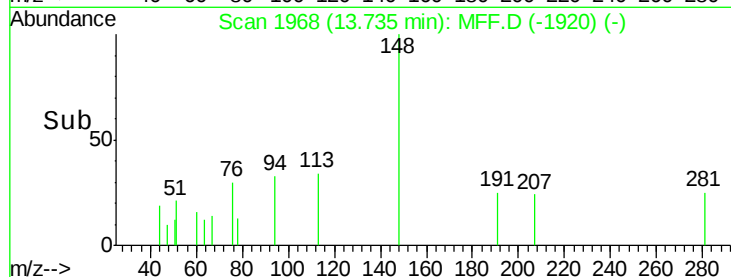
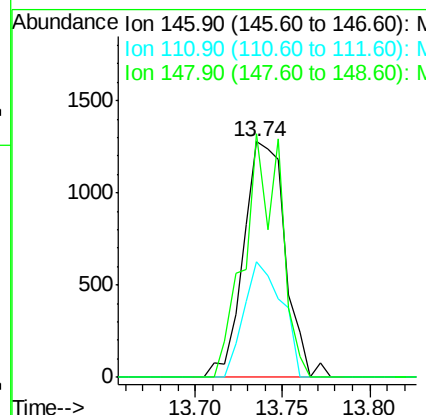
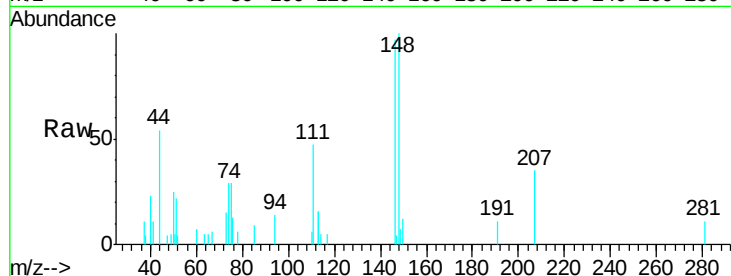




#91
 1,2-Dichlorobenzene
 Concen: 0.755 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

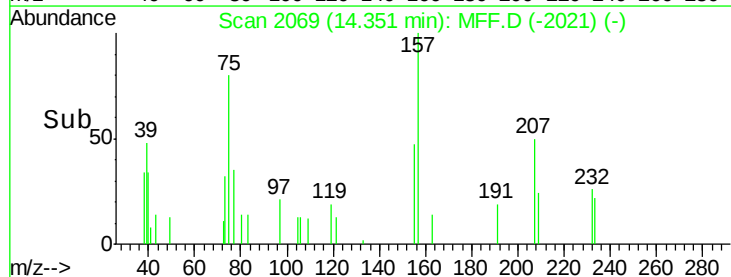
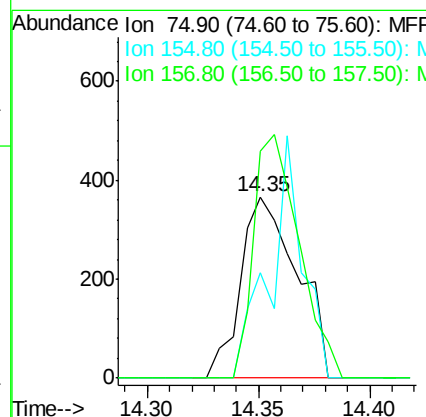
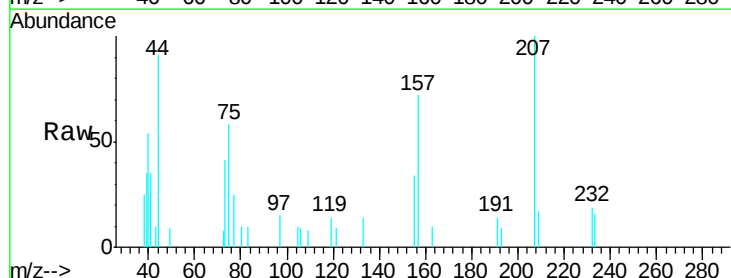
Instrument :
 MSVOA_Y
 ClientSampleId :

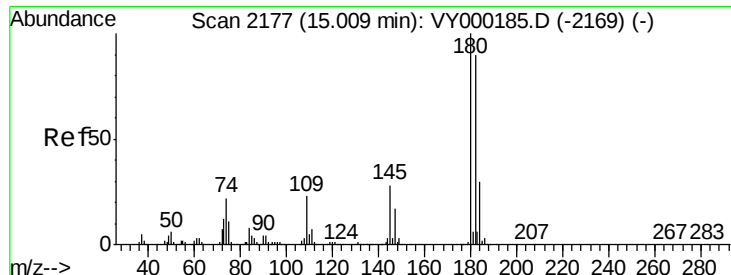
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.5	19.4	58.2
148	90.6	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.976 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	52.3	157.1
157	108.7	66.8	200.3

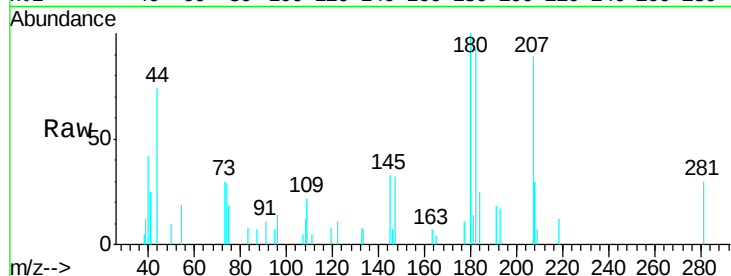




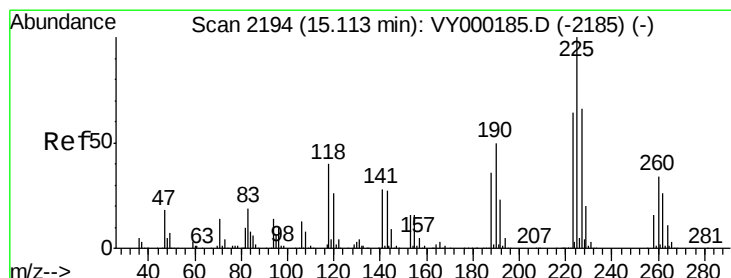
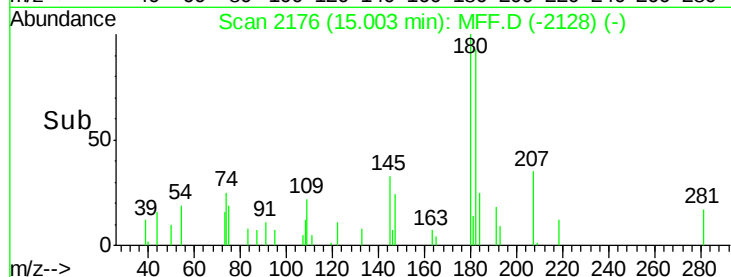
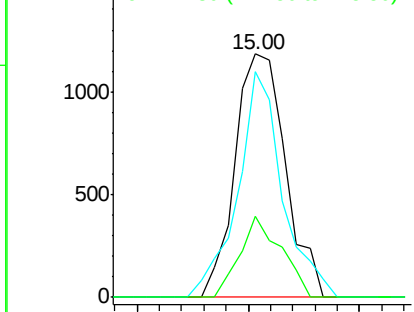
#93
 1,2,4-Trichlorobenzene
 Concen: 0.911 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180 Resp: 1871
 Ion Ratio Lower Upper
 180 100
 182 82.1 47.1 141.3
 145 27.2 14.4 43.2

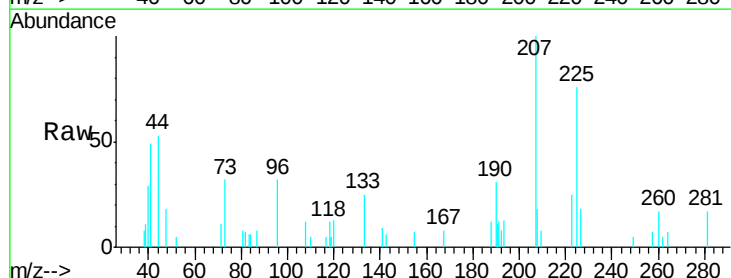


Abundance Ion 179.80 (179.50 to 180.50): N
 Ion 181.80 (181.50 to 182.50): N
 Ion 144.80 (144.50 to 145.50): N

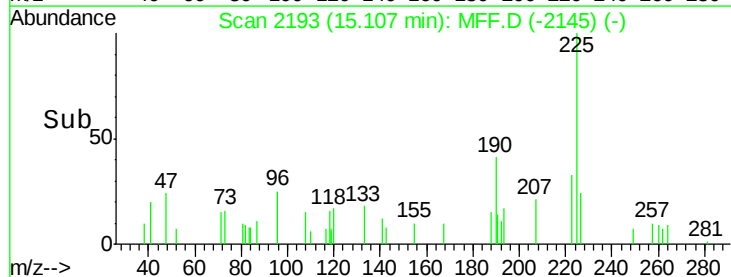
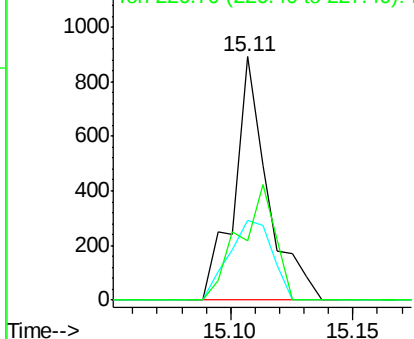


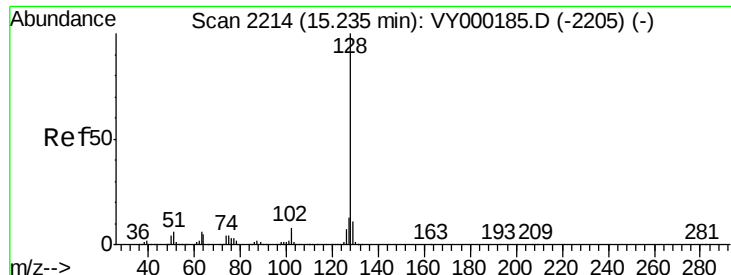
#94
 Hexachlorobutadiene
 Concen: 0.885 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: MFF.D
 Acq: 03 Oct 2019 13:43

Tgt Ion:225 Resp: 845
 Ion Ratio Lower Upper
 225 100
 223 42.4 31.9 95.9
 227 51.0 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): N
 Ion 222.70 (222.40 to 223.40): N
 Ion 226.70 (226.40 to 227.40): N

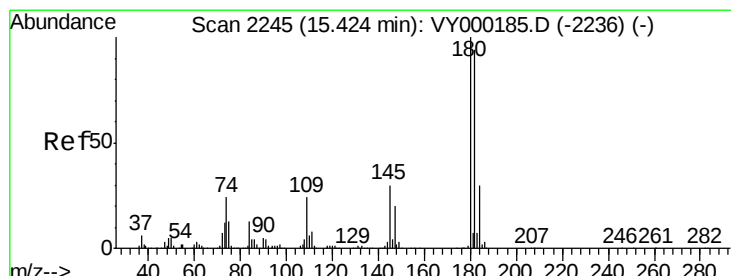
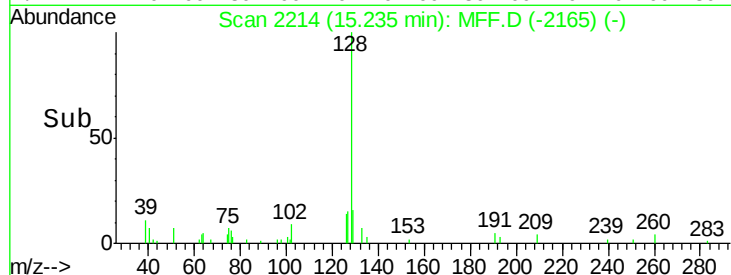
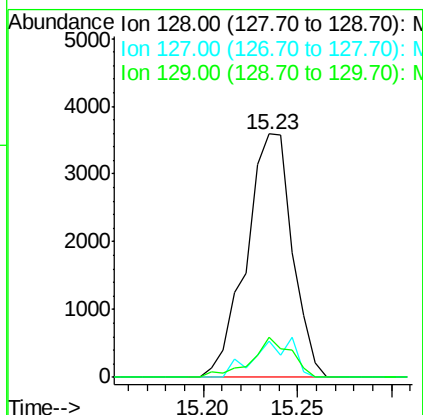
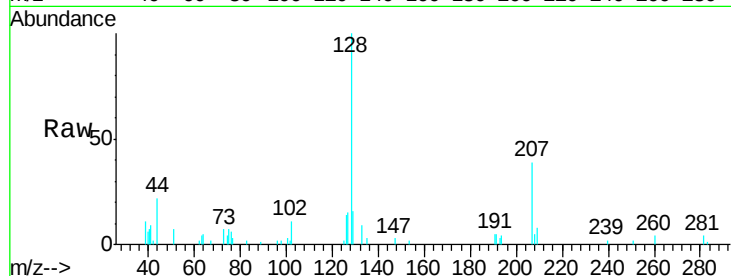




#95
Naphthalene
Concen: 0.838 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 6077
Ion Ratio Lower Upper
128 100
127 13.7 9.9 14.9
129 13.9 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.724 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: MFF.D
Acq: 03 Oct 2019 13:43

Tgt Ion:180 Resp: 1470
Ion Ratio Lower Upper
180 100
182 109.9 47.7 143.1
145 38.5 15.4 46.2

