

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000384.D
 Acq On : 23 Oct 2019 16:23
 Operator : SY/MD
 Sample : K5494-03MSD
 Misc : 6.,40G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:46:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	10013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	15170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	12922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	4761	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	6166	58.38	ug/l	0.00
Spiked Amount						
			Recovery	=	116.76%	
35) Dibromofluoromethane	7.72	113	2080	22.73	ug/l	0.00
Spiked Amount						
			Recovery	=	45.46%	
50) Toluene-d8	10.18	98	17841	50.68	ug/l	0.00
Spiked Amount						
			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.49	95	5198	38.87	ug/l	0.00
Spiked Amount						
			Recovery	=	77.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	3639	45.630	ug/l	97
3) Chloromethane	2.11	50	10172	83.135	ug/l	89
4) Vinyl Chloride	2.26	62	5441	44.062	ug/l #	83
5) Bromomethane	2.66	94	876	9.572	ug/l	81
6) Chloroethane	2.79	64	3460	43.427	ug/l	94
7) Trichlorofluoromethane	3.14	101	8843	52.353	ug/l	99
8) Diethyl Ether	3.54	74	3436	57.582	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.91	101	5166	50.431	ug/l #	67
10) Methyl Iodide	4.10	142	2606	18.623	ug/l	93
11) Tert butyl alcohol	4.96	59	3511	317.641	ug/l #	73
12) 1,1-Dichloroethene	3.88	96	5803	57.382	ug/l	90
13) Acrolein	3.74	56	1652	127.480	ug/l #	62
14) Allyl chloride	4.49	41	7211	43.028	ug/l	94
15) Acrylonitrile	5.18	53	9446	282.821	ug/l	97
16) Acetone	3.95	43	10399	304.022	ug/l #	82
17) Carbon Disulfide	4.19	76	12309	38.658	ug/l	96
18) Methyl Acetate	4.48	43	6504	76.531	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	17116	60.798	ug/l	94
20) Methylene Chloride	4.73	84	5629	48.702	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	5394	46.490	ug/l #	73
22) Diisopropyl ether	6.13	45	17438	49.197	ug/l #	76
23) Vinyl Acetate	6.13	43	9226	39.898	ug/l #	71
24) 1,1-Dichloroethane	6.02	63	10527	54.410	ug/l #	87
25) 2-Butanone	7.00	43	12298	255.232	ug/l	97
26) 2,2-Dichloropropane	6.99	77	4060	22.773	ug/l	89
27) cis-1,2-Dichloroethene	7.00	96	6097	48.563	ug/l	98
28) Bromochloromethane	7.34	49	4826	58.106	ug/l	98
29) Tetrahydrofuran	7.37	42	8233	281.941	ug/l #	89
30) Chloroform	7.52	83	9979	51.216	ug/l	96
31) Cyclohexane	7.80	56	9120	45.132	ug/l #	82
32) 1,1,1-Trichloroethane	7.71	97	8338	48.135	ug/l	95
36) 1,1-Dichloropropene	7.93	75	7290	49.083	ug/l	97
37) Ethyl Acetate	7.09	43	2699	30.690	ug/l #	72
38) Carbon Tetrachloride	7.91	117	7239	50.339	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	9049	46.551	ug/l	86
40) Benzene	8.17	78	22998	53.581	ug/l	92
41) Methacrylonitrile	7.33	41	2719	64.952	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	7351	59.957	ug/l	100
43) Isopropyl Acetate	8.28	43	5852	34.996	ug/l	94
44) Trichloroethene	8.95	130	8097	67.233	ug/l	97
45) 1,2-Dichloropropane	9.22	63	5899	56.004	ug/l #	84
46) Dibromomethane	9.32	93	3320	56.384	ug/l	93
47) Bromodichloromethane	9.49	83	6189	44.600	ug/l #	72
48) Methyl methacrylate	9.30	41	2903	39.613	ug/l	94
49) 1,4-Dioxane	9.30	88	1045	1183.645	ug/l #	76
51) 4-Methyl-2-Pentanone	10.08	43	18821	218.223	ug/l	98
52) Toluene	10.25	92	12669	46.490	ug/l	92
53) t-1,3-Dichloropropene	10.47	75	4038	27.152	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	7089	41.974	ug/l #	84
55) 1,1,2-Trichloroethane	10.64	97	4708	54.992	ug/l #	81
56) Ethyl methacrylate	10.51	69	3051	25.002	ug/l	96
57) 1,3-Dichloropropane	10.79	76	8192	55.716	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	1615	33.180	ug/l #	85
59) 2-Hexanone	10.84	43	10098	166.805	ug/l	91
60) Dibromochloromethane	10.99	129	3654	38.507	ug/l	95
61) 1,2-Dibromoethane	11.09	107	4257	51.787	ug/l	87
64) Tetrachloroethene	10.72	164	10009	81.361	ug/l	88
65) Chlorobenzene	11.52	112	13293	48.744	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	4329	45.189	ug/l	88
67) Ethyl Benzene	11.59	91	24235	47.938	ug/l	99
68) m/p-Xylenes	11.70	106	17488	90.489	ug/l	97
69) o-Xylene	12.03	106	8745	47.433	ug/l	93
70) Styrene	12.04	104	11928	38.362	ug/l	97
71) Bromoform	12.21	173	2034	36.934	ug/l #	88
73) Isopropylbenzene	12.33	105	22992	61.934	ug/l	96
74) N-amyl acetate	12.15	43	614	6.737	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.58	83	1537	22.051	ug/l	94
76) 1,2,3-Trichloropropane	12.63	75	5561	94.988	ug/l #	100
77) Bromobenzene	12.61	156	5079	61.483	ug/l	83
78) n-propylbenzene	12.67	91	23865	53.543	ug/l	93
79) 2-Chlorotoluene	12.76	91	14314	58.150	ug/l	89
80) 1,3,5-Trimethylbenzene	12.81	105	19481	62.582	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	211	7.886	ug/l #	5
82) 4-Chlorotoluene	12.86	91	13335	51.249	ug/l	94
83) tert-Butylbenzene	13.08	119	17296	65.612	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	18117	58.969	ug/l	97
85) sec-Butylbenzene	13.25	105	22444	58.855	ug/l	98
86) p-Isopropyltoluene	13.37	119	18056	54.310	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	9141	56.163	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	7736	47.553	ug/l	90
89) n-Butylbenzene	13.69	91	14971	45.568	ug/l	93
90) Hexachloroethane	13.95	117	1295	21.035	ug/l	62
91) 1,2-Dichlorobenzene	13.74	146	8728	59.255	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	140	10.591	ug/l #	42

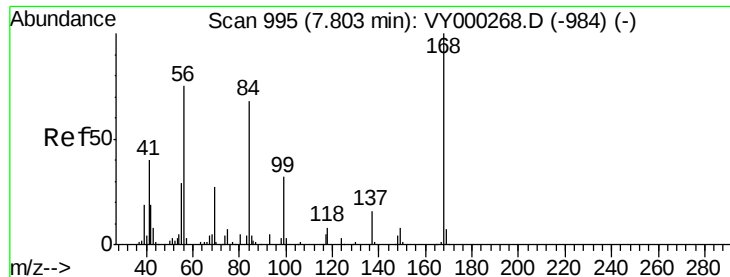
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	3414	33.290	ug/l	96
94) Hexachlorobutadiene	15.11	225	2420	43.605	ug/l	84
95) Naphthalene	15.23	128	7793	34.052	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	3231	34.958	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

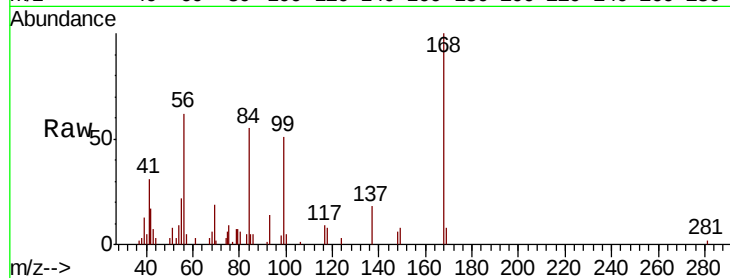
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 10013

Ion Ratio Lower Upper

168 100

99 50.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000384.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000384.D (-984) (-)

7.80

4000

3000

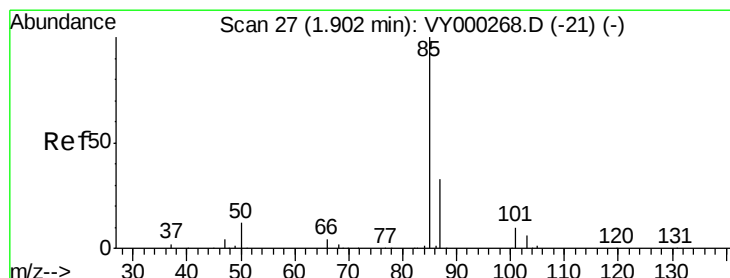
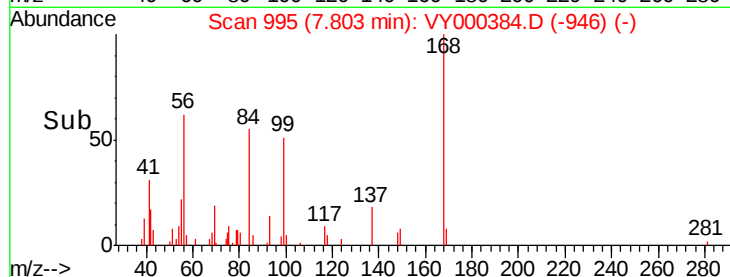
2000

1000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.630 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000384.D

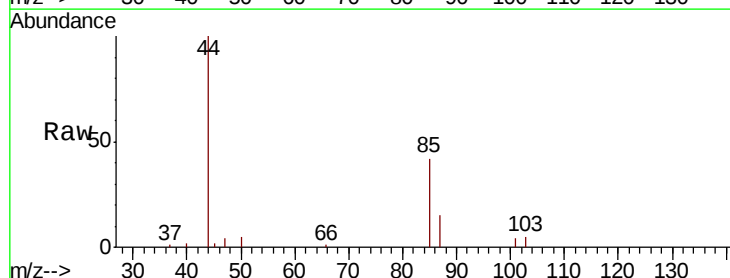
Acq: 23 Oct 2019 16:23

Tgt Ion: 85 Resp: 3639

Ion Ratio Lower Upper

85 100

87 35.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000384.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000384.D (-21) (-)

1.90

3000

2500

2000

1500

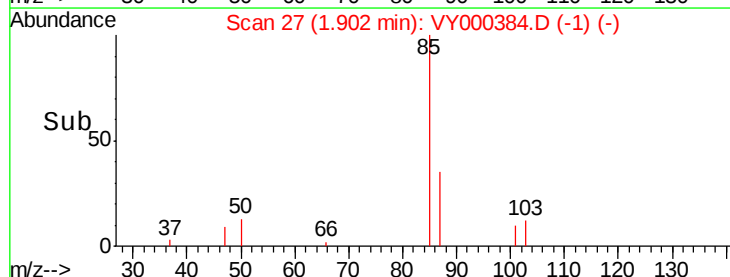
1000

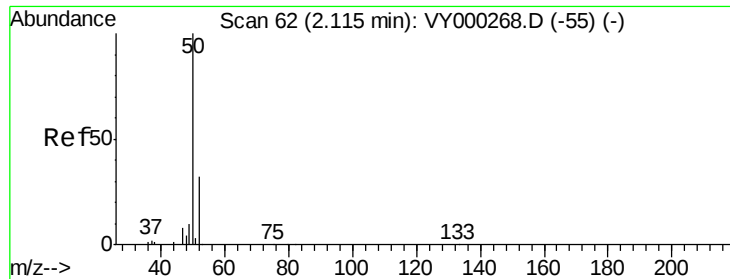
500

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 83.135 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

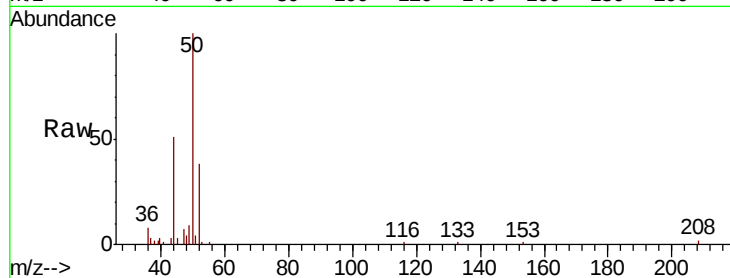
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 10172

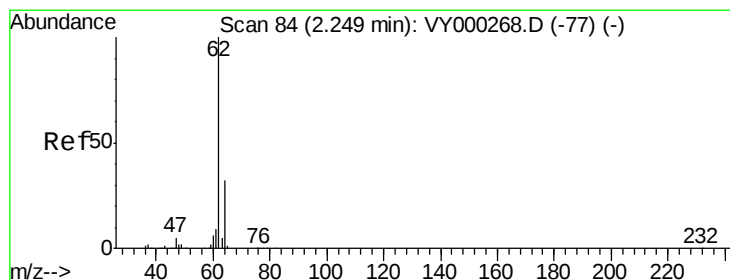
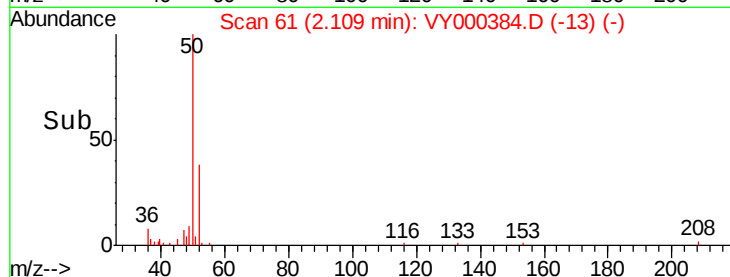
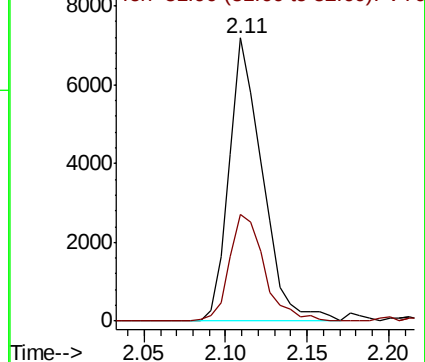
Ion Ratio Lower Upper

50 100

52 37.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 44.062 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000384.D

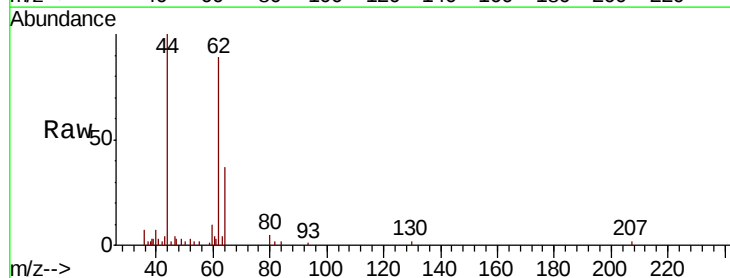
Acq: 23 Oct 2019 16:23

Tgt Ion: 62 Resp: 5441

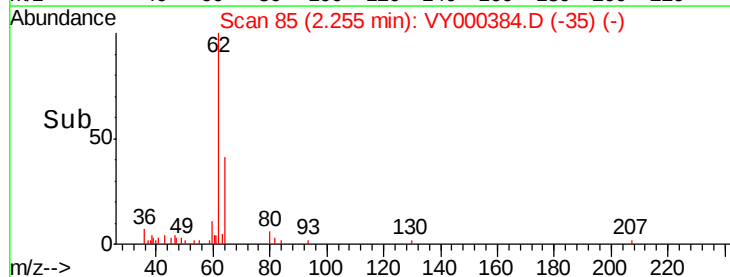
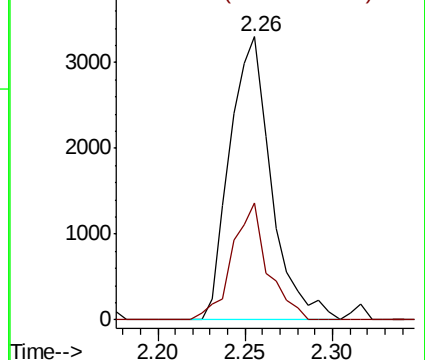
Ion Ratio Lower Upper

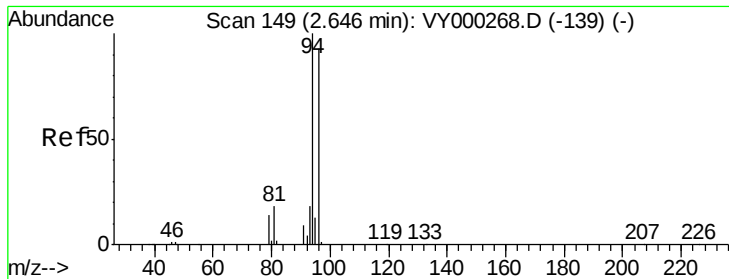
62 100

64 41.5 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 9.572 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

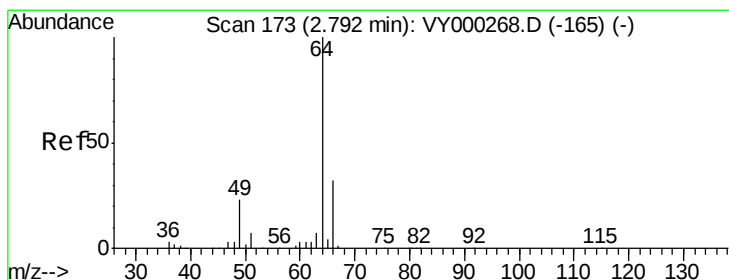
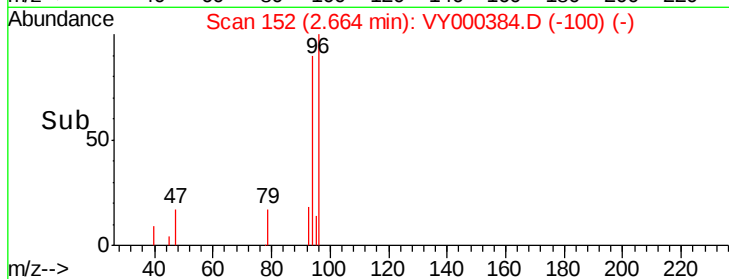
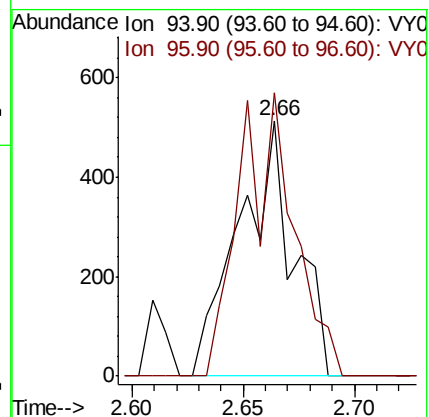
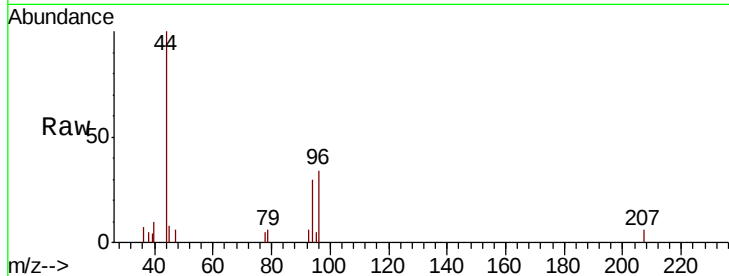
ClientSampleId :

Tot Ion: 94 Resp: 876

Ion Ratio Lower Upper

94 100

96 110.7 74.2 111.2



#6

Chloroethane

Concen: 43.427 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000384.D

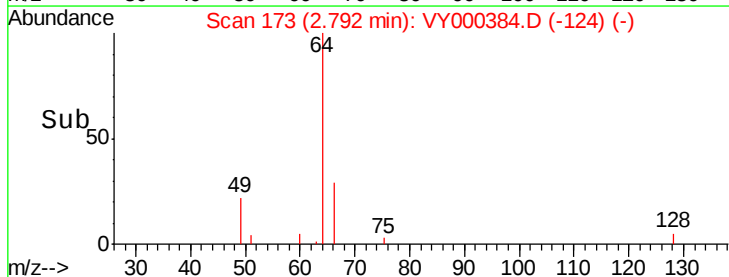
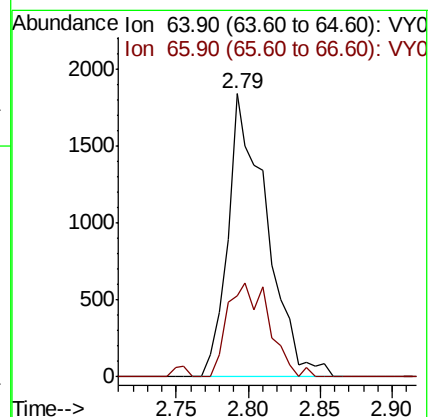
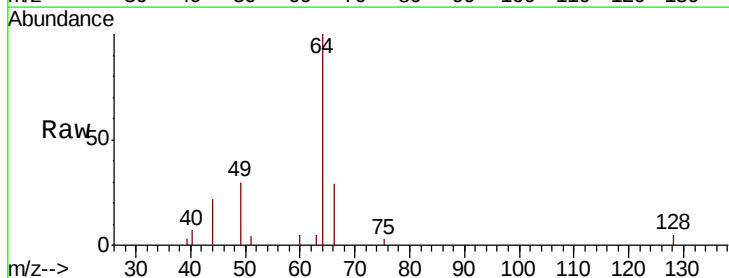
Acq: 23 Oct 2019 16:23

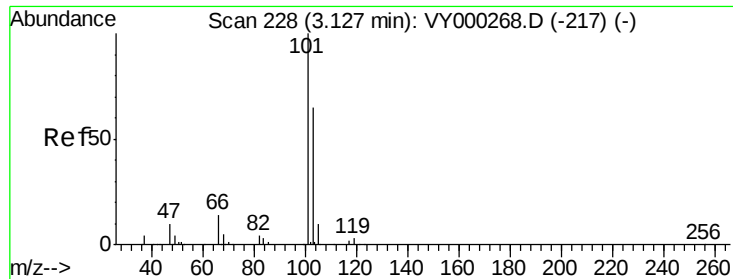
Tgt Ion: 64 Resp: 3460

Ion Ratio Lower Upper

64 100

66 28.8 25.6 38.4



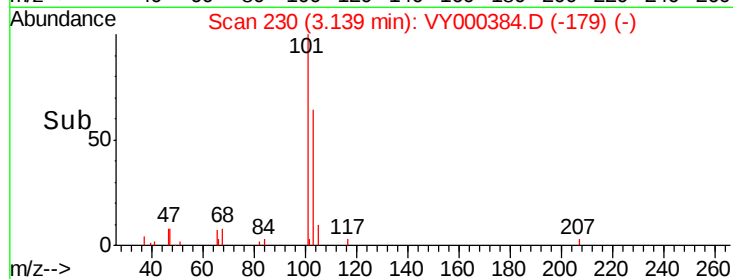
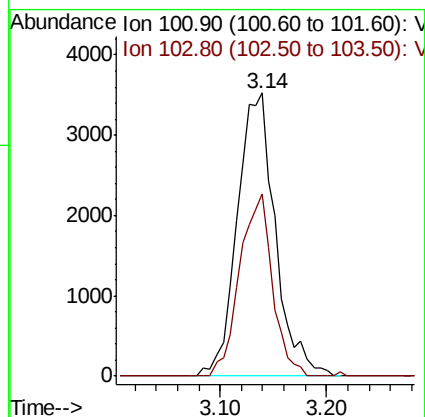
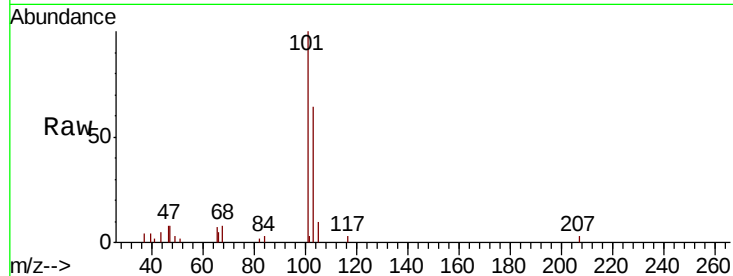


#7

Trichlorofluoromethane
Concen: 52.353 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

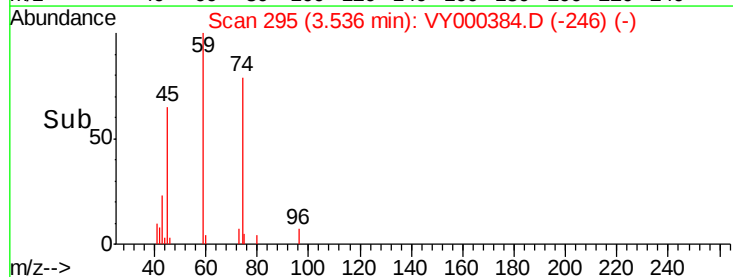
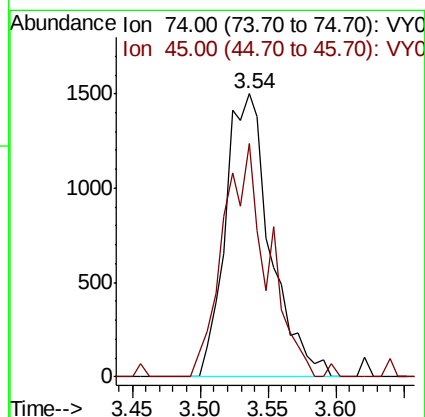
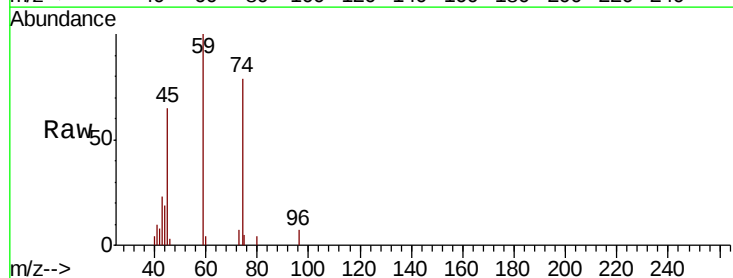
Tot Ion:101 Resp: 8843
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

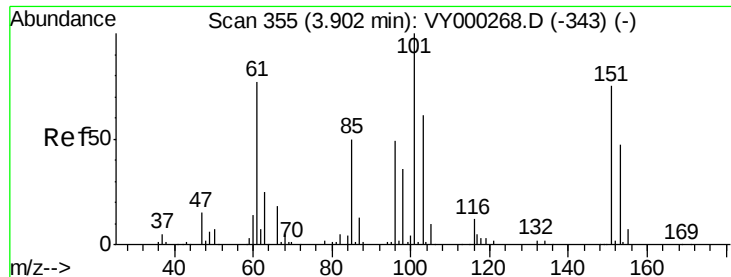


#8

Diethyl Ether
Concen: 57.582 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 74 Resp: 3436
Ion Ratio Lower Upper
74 100
45 82.7 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.431 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampled :

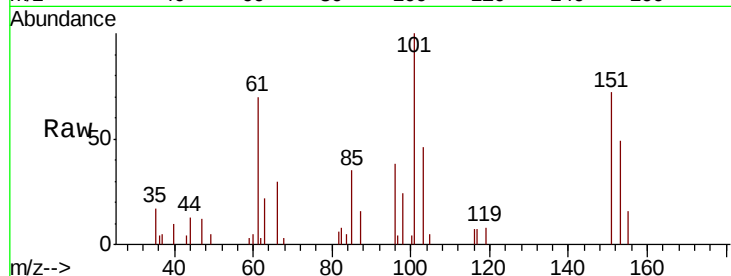
Tot Ion:101 Resp: 5166

Ion Ratio Lower Upper

101 100

85 0.0 36.6 55.0#

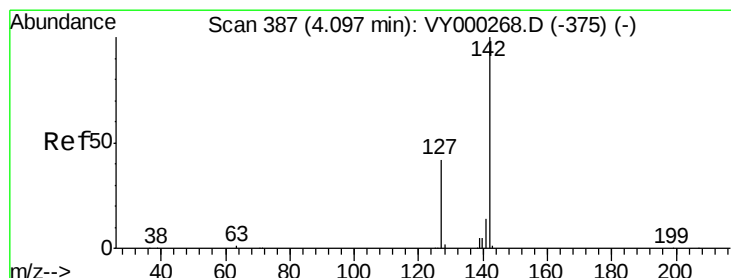
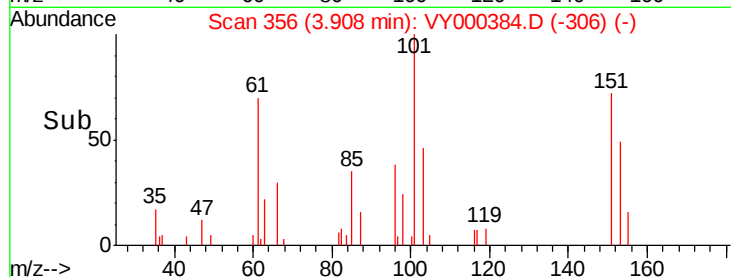
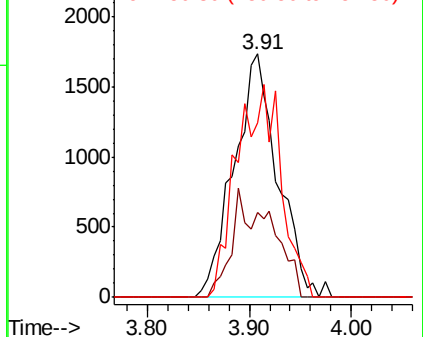
151 88.7 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.623 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

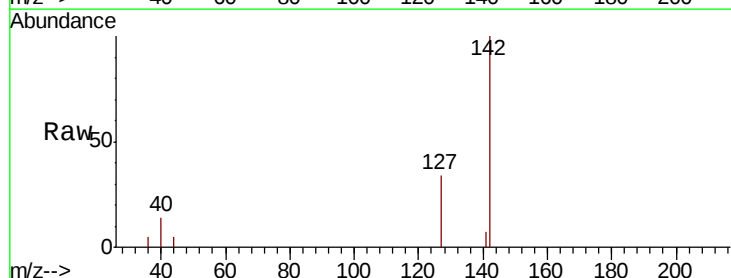
Tgt Ion:142 Resp: 2606

Ion Ratio Lower Upper

142 100

127 47.7 33.9 50.9

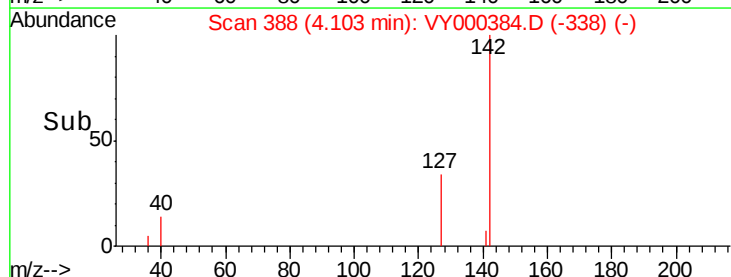
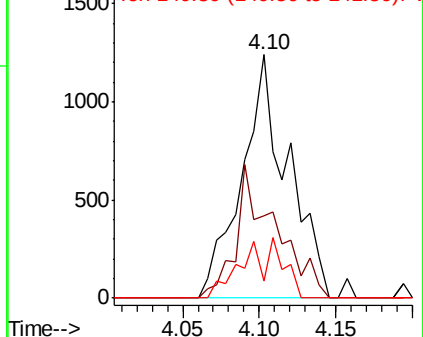
141 12.1 11.2 16.8

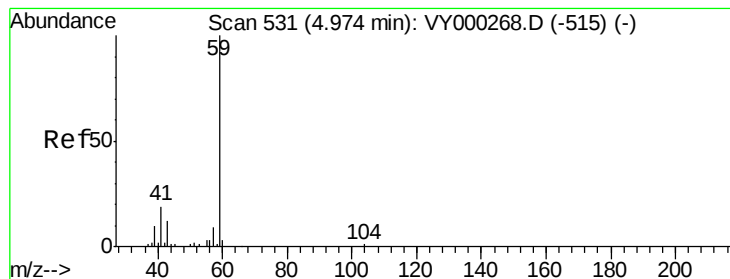


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



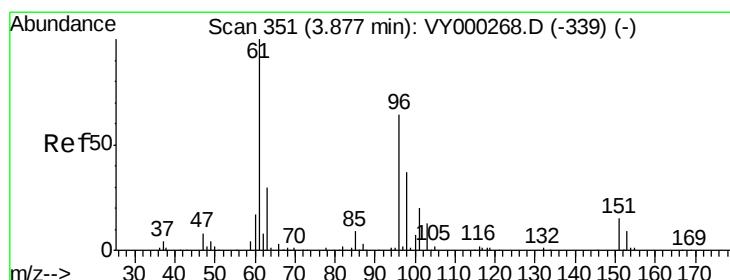
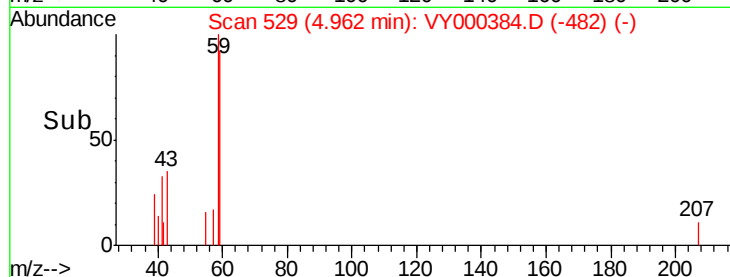
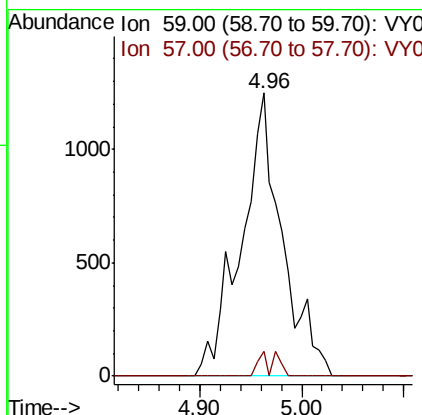
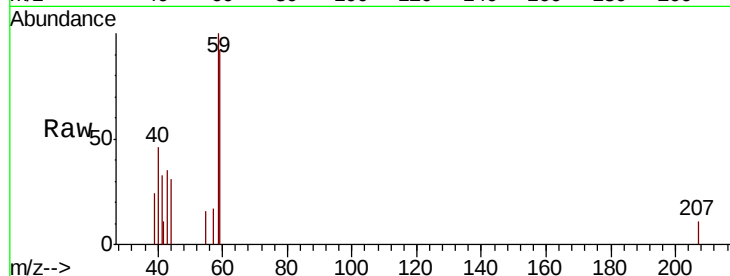


#11

Tert butyl alcohol
Concen: 317.641 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

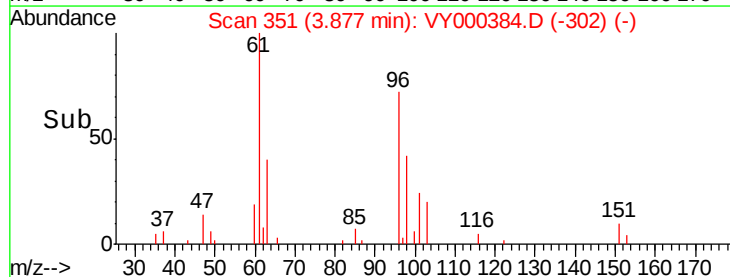
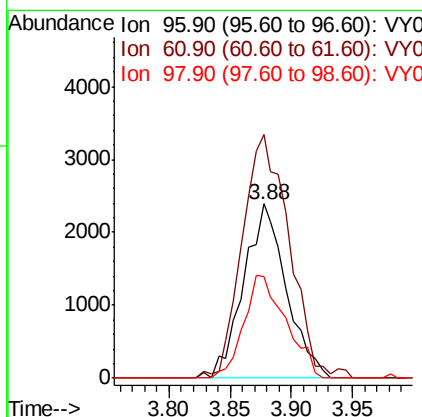
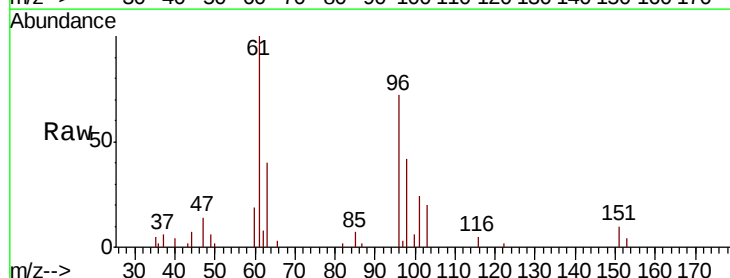
Tot Ion: 59 Resp: 3511
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

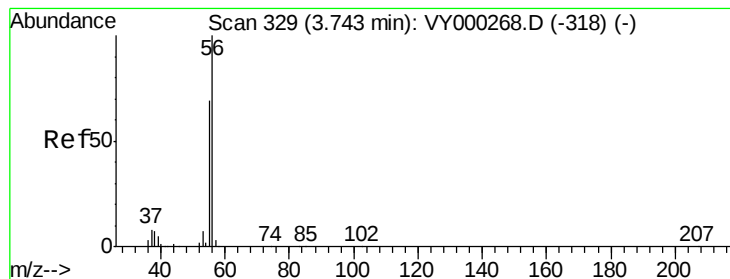


#12

1,1-Dichloroethene
Concen: 57.382 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 96 Resp: 5803
Ion Ratio Lower Upper
96 100
61 139.8 125.8 188.6
98 58.1 46.2 69.2





#13

Acrolein

Concen: 127.480 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

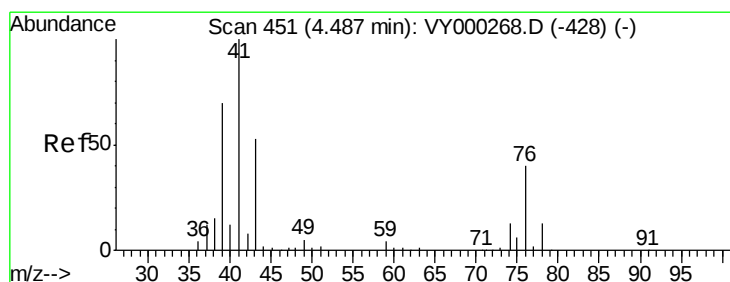
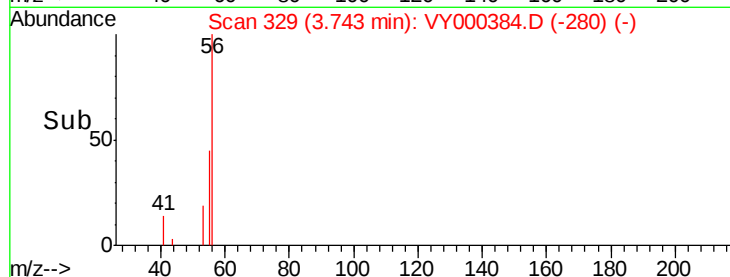
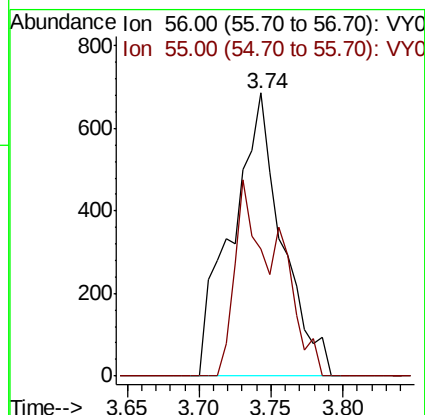
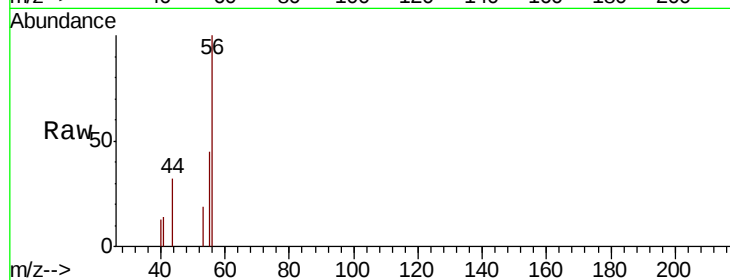
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 1652

Ion Ratio Lower Upper

56 100

55 38.1 55.7 83.5#



#14

Allyl chloride

Concen: 43.028 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

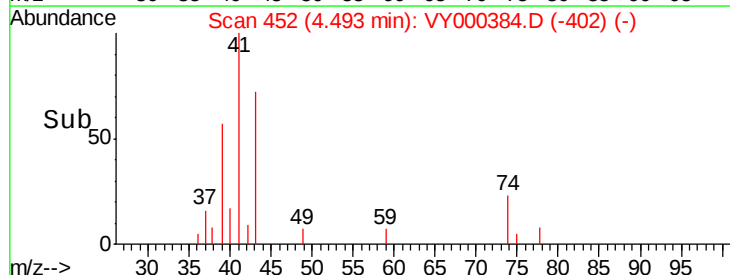
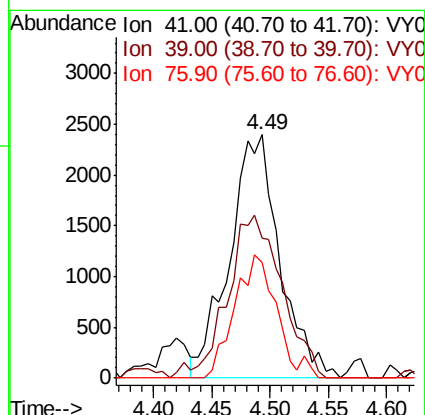
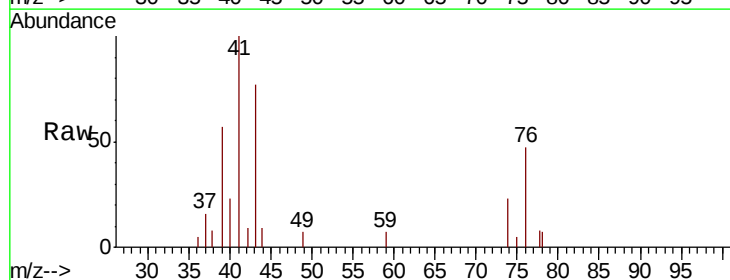
Tgt Ion: 41 Resp: 7211

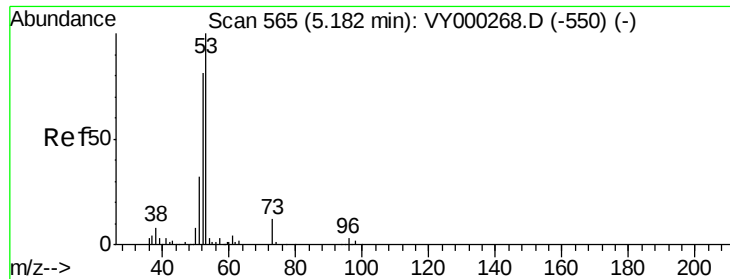
Ion Ratio Lower Upper

41 100

39 72.7 54.0 81.0

76 40.8 30.7 46.1





#15

Acrylonitrile

Concen: 282.821 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

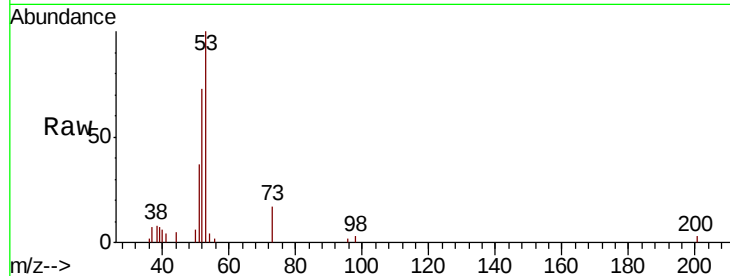
Tot Ion: 53 Resp: 9446

Ion Ratio Lower Upper

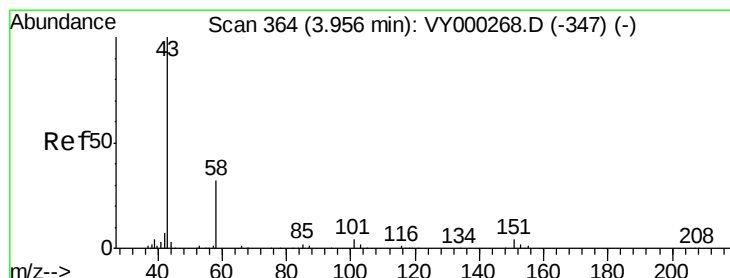
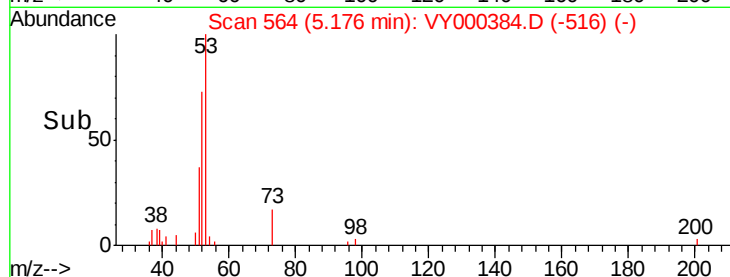
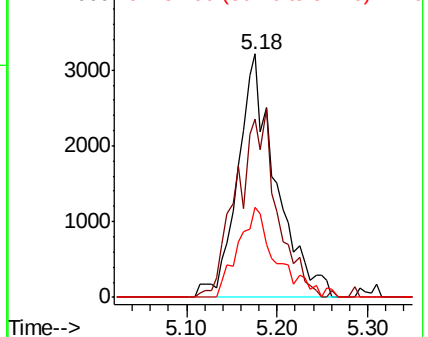
53 100

52 80.4 62.9 94.3

51 36.2 26.9 40.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 304.022 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000384.D

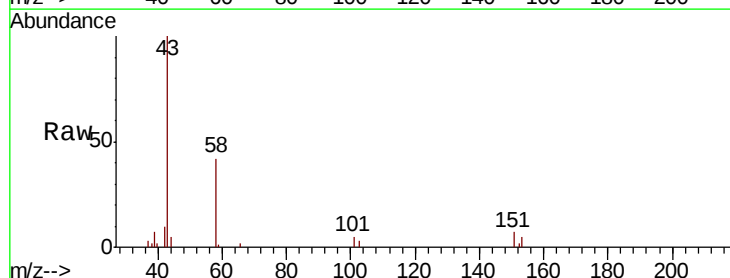
Acq: 23 Oct 2019 16:23

Tgt Ion: 43 Resp: 10399

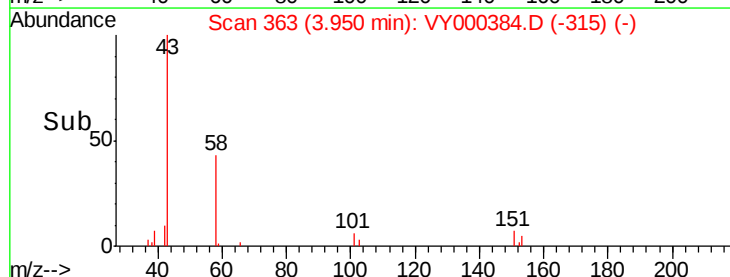
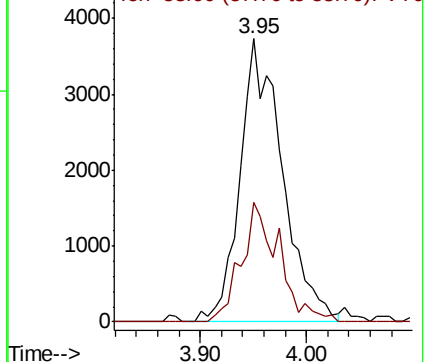
Ion Ratio Lower Upper

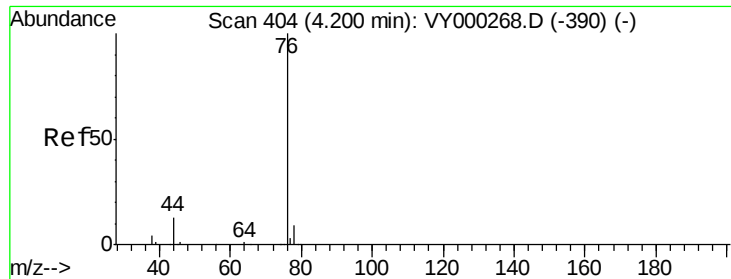
43 100

58 42.0 25.8 38.6#



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

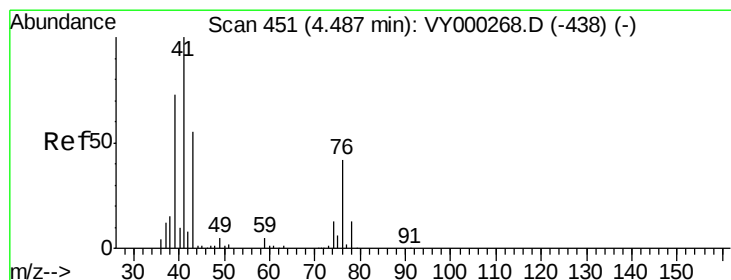
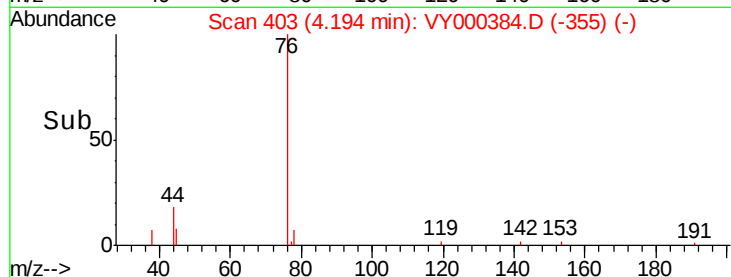
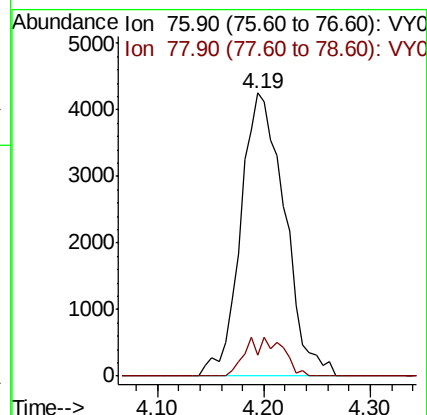
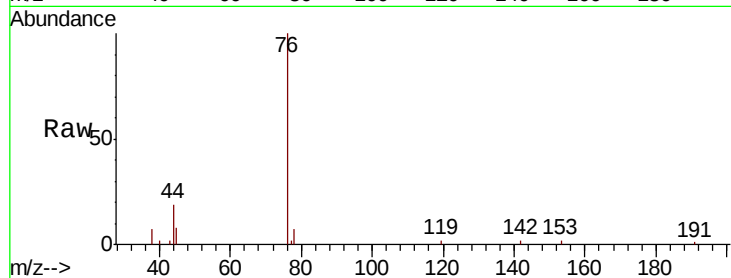




#17
Carbon Disulfide
Concen: 38.658 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

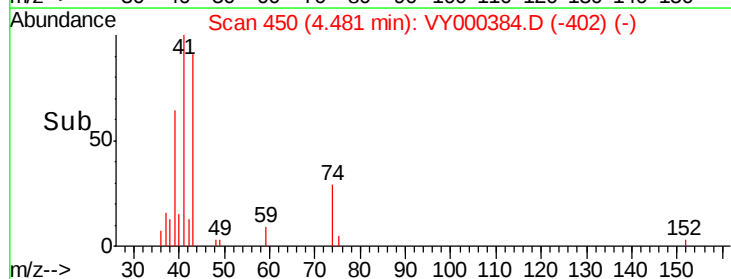
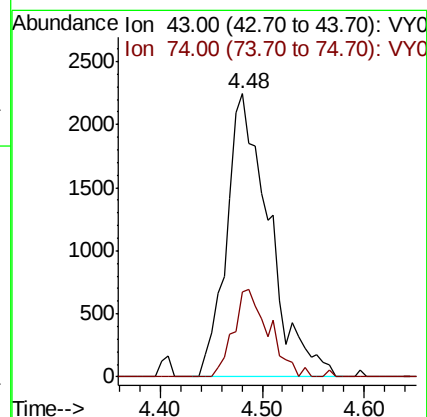
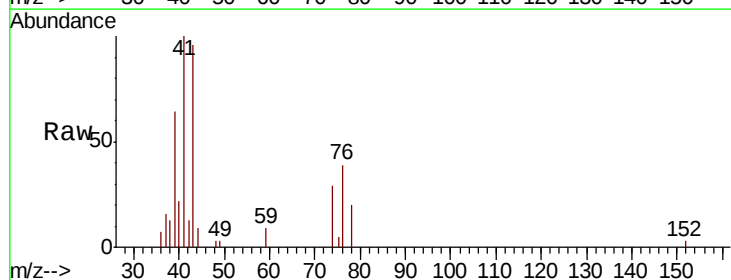
Instrument :
MSVOA_Y
ClientSampleId :

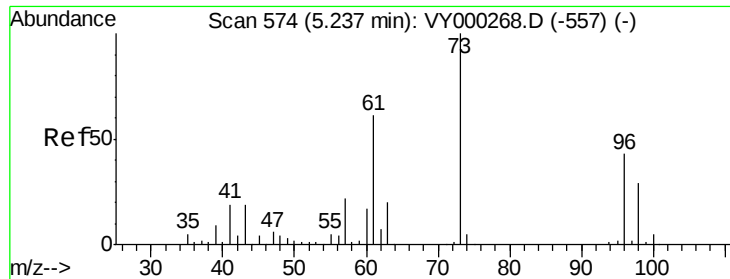
Tot Ion: 76 Resp: 12309
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4



#18
Methyl Acetate
Concen: 76.531 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 43 Resp: 6504
Ion Ratio Lower Upper
43 100
74 25.8 20.4 30.6

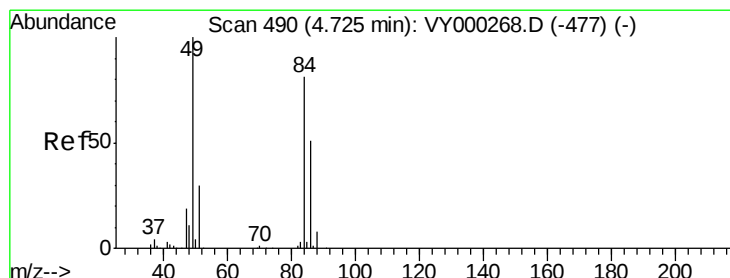
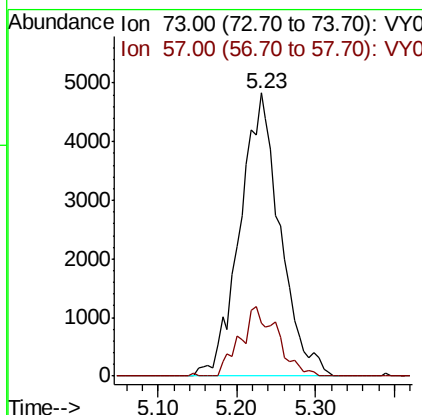
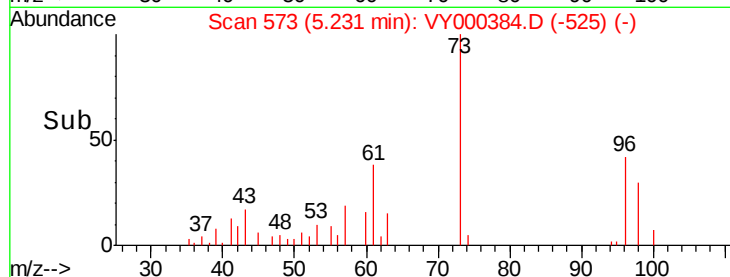
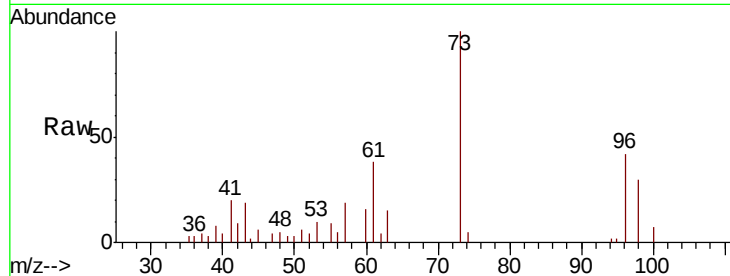




#19
Methyl tert-butyl Ether
Concen: 60.798 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

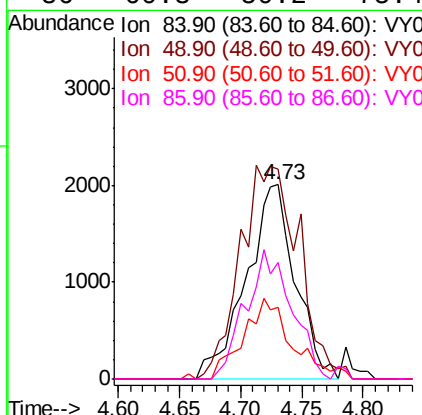
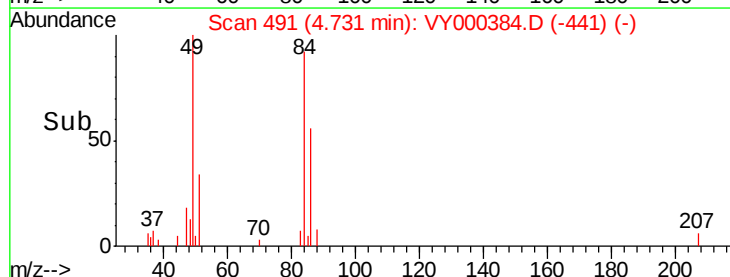
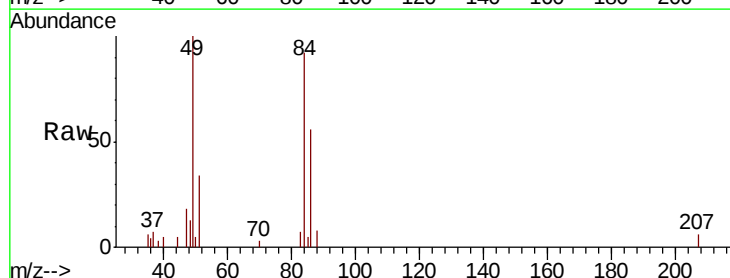
Instrument :
MSVOA_Y
ClientSampled :

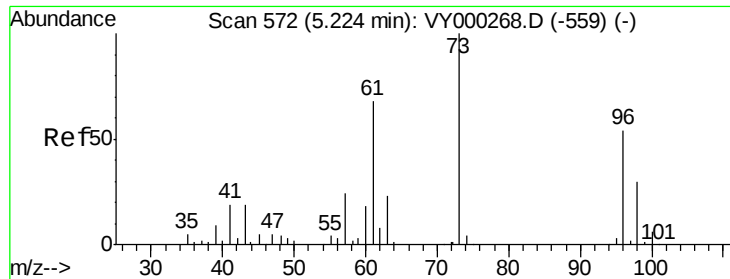
Tot Ion: 73 Resp: 17116
Ion Ratio Lower Upper
73 100
57 18.9 17.4 26.0



#20
Methylene Chloride
Concen: 48.702 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 84 Resp: 5629
Ion Ratio Lower Upper
84 100
49 108.1 99.0 148.4
51 34.6 29.3 43.9
86 60.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 46.490 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

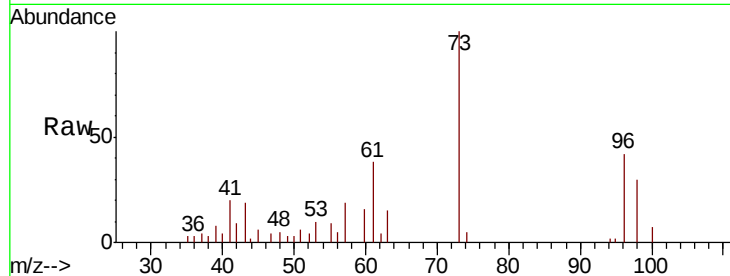
Tot Ion: 96 Resp: 5394

Ion Ratio Lower Upper

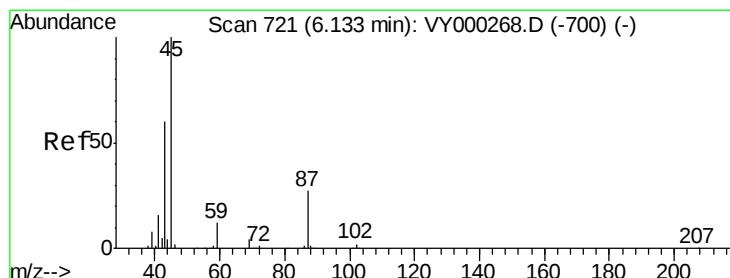
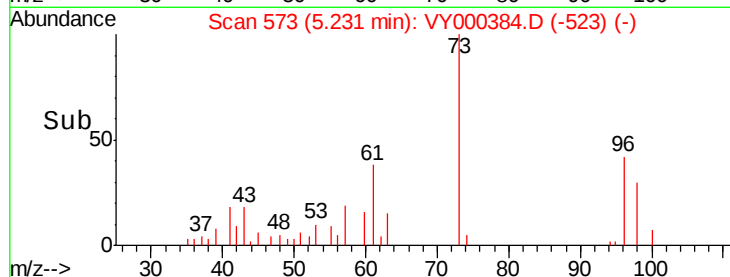
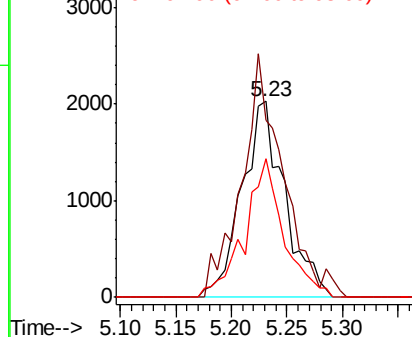
96 100

61 90.5 100.4 150.6#

98 70.5 44.6 66.8#



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



#22

Diisopropyl ether

Concen: 49.197 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Tgt Ion: 45 Resp: 17438

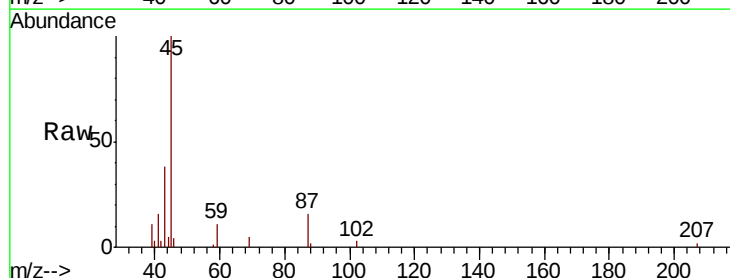
Ion Ratio Lower Upper

45 100

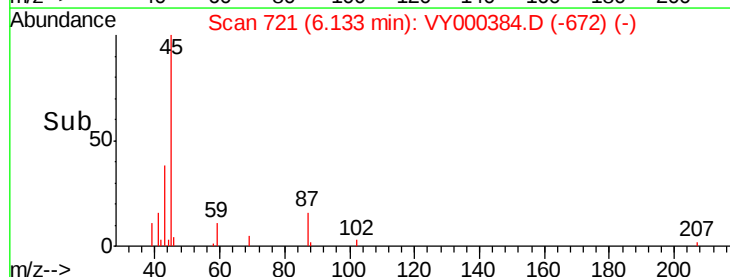
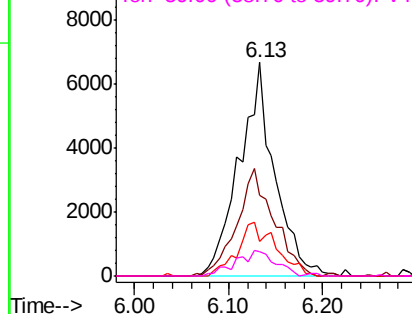
43 37.7 48.5 72.7#

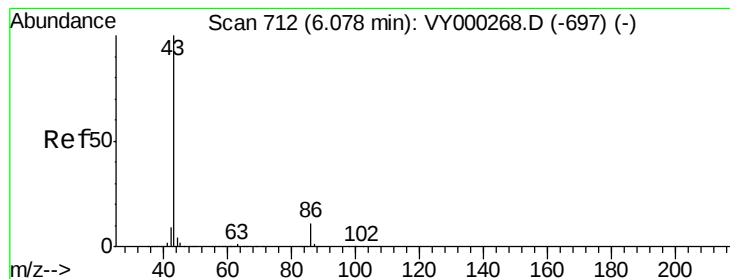
87 16.1 21.5 32.3#

59 11.5 9.4 14.0



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





#23

Vinyl Acetate

Concen: 39.898 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.05 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

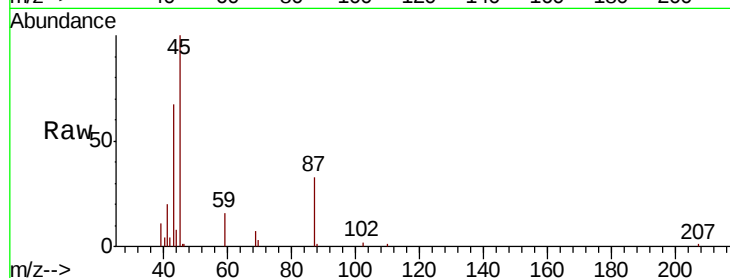
ClientSampleId :

Tot Ion: 43 Resp: 9226

Ion Ratio Lower Upper

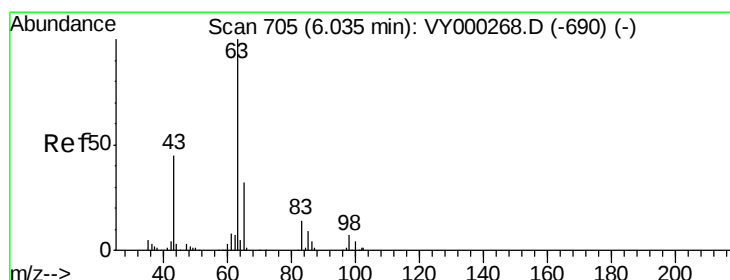
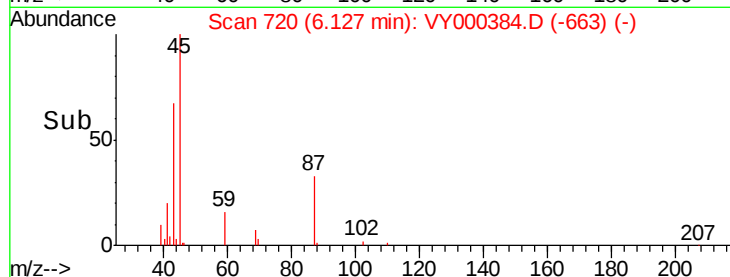
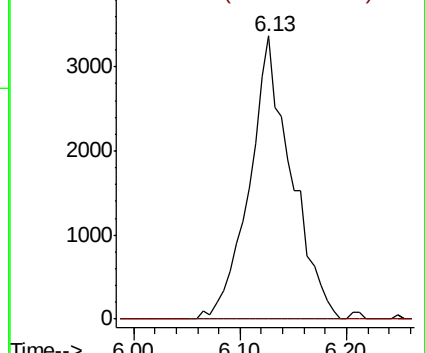
43 100

86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.410 ug/l

RT: 6.02 min Scan# 702

Delta R.T. -0.02 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

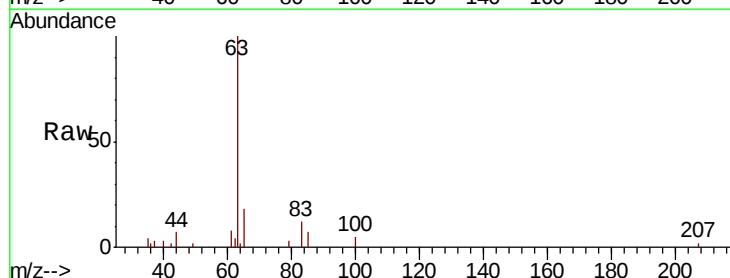
Tgt Ion: 63 Resp: 10527

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.4#

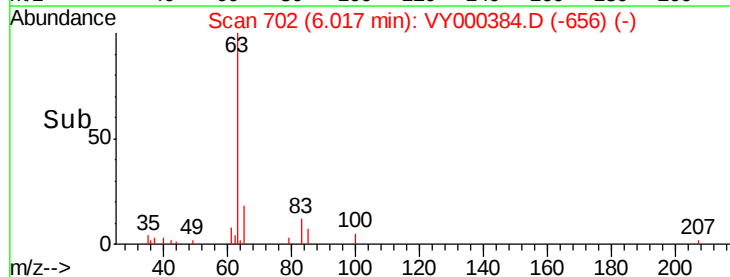
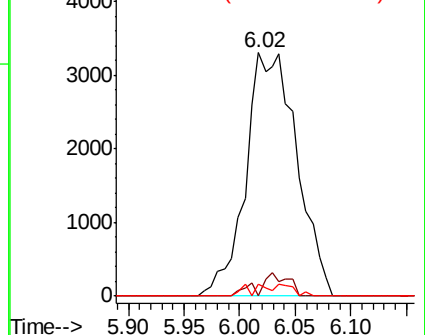
100 4.8 2.1 6.2

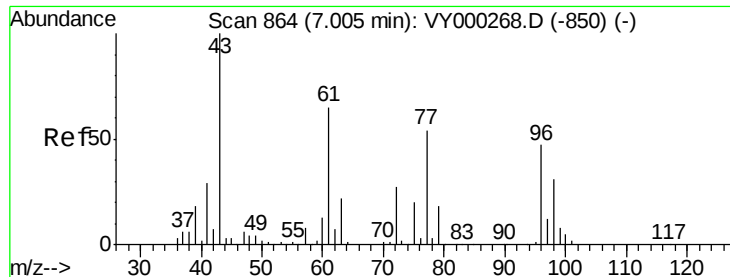


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

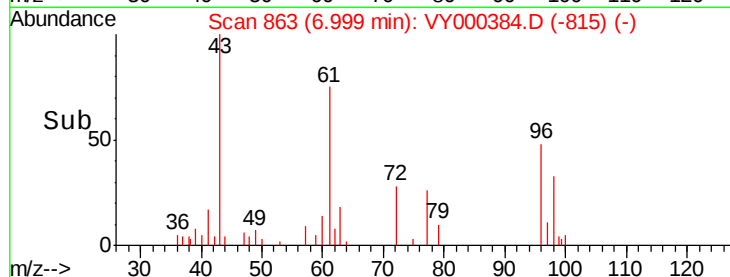
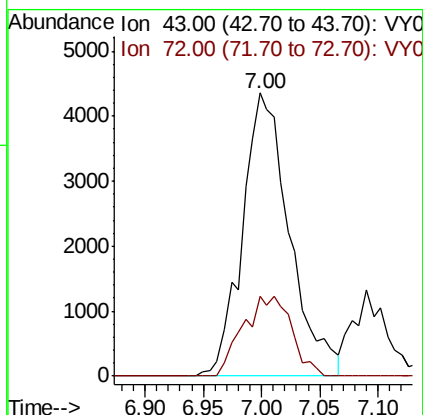
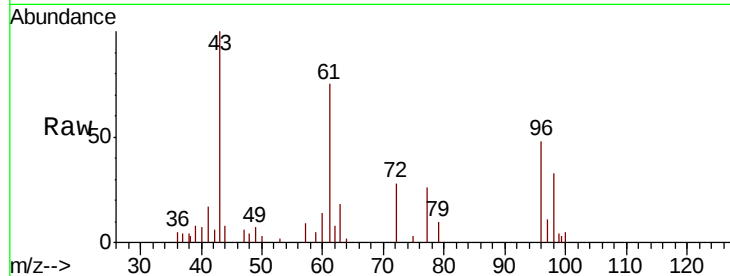




#25
2-Butanone
Concen: 255.232 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

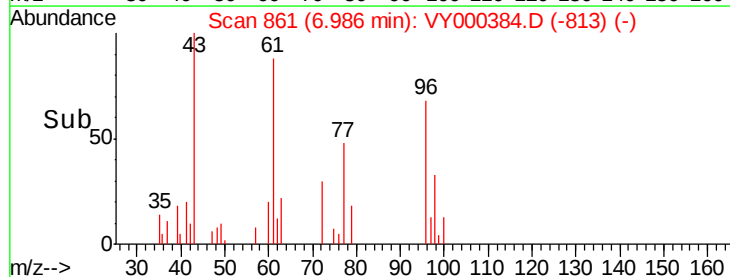
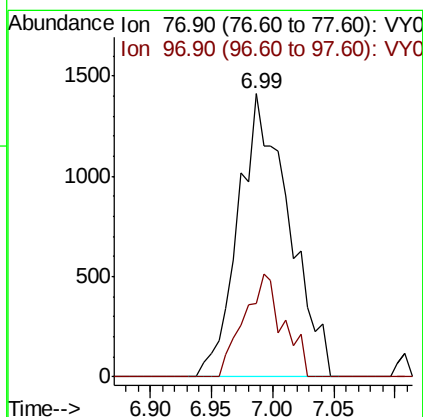
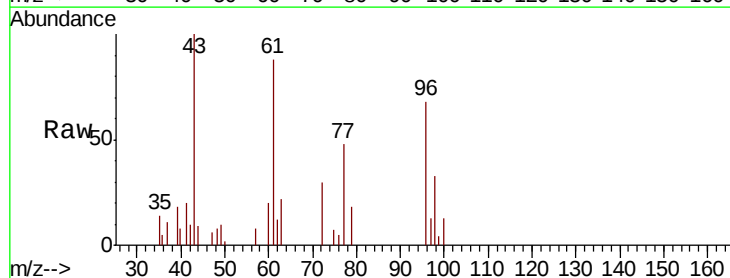
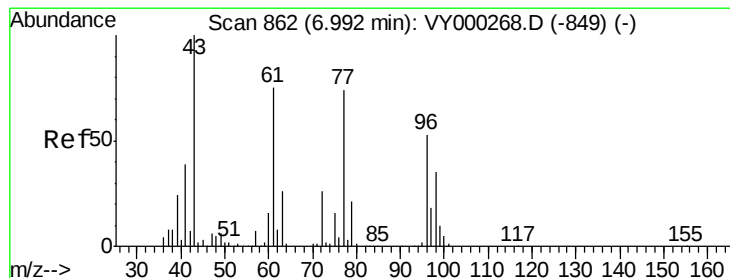
Instrument :
MSVOA_Y
ClientSampled :

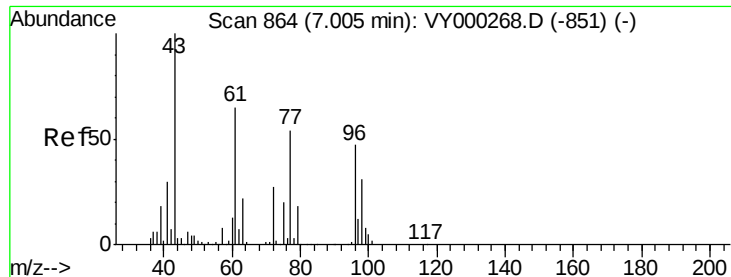
Tot Ion: 43 Resp: 12298
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 22.773 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 77 Resp: 4060
Ion Ratio Lower Upper
77 100
97 28.4 11.6 34.7



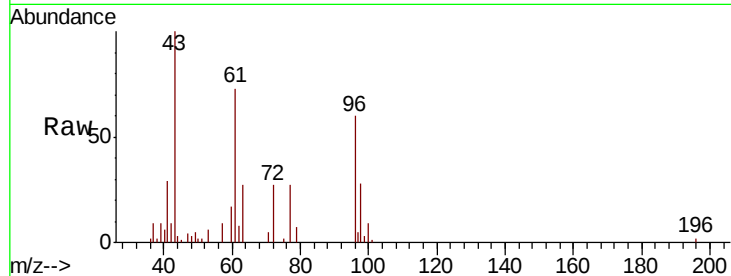


#27

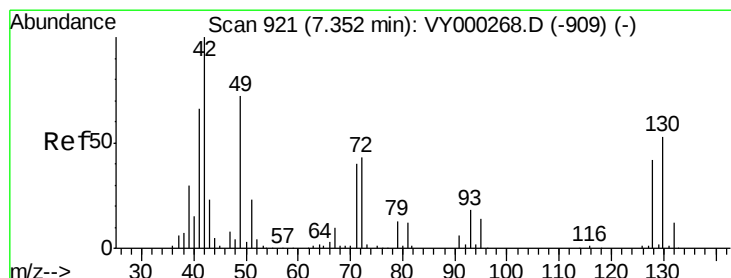
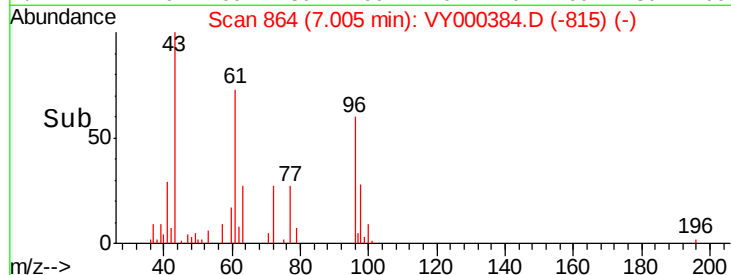
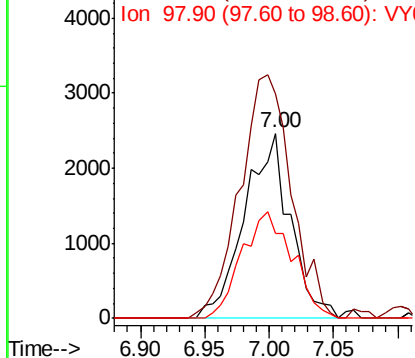
cis-1,2-Dichloroethene
Concen: 48.563 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	289.8
98	63.7	0.0	131.8



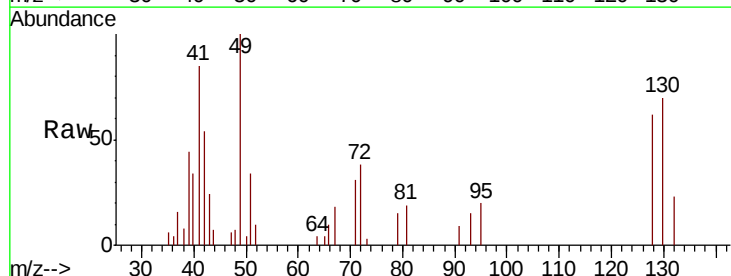
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



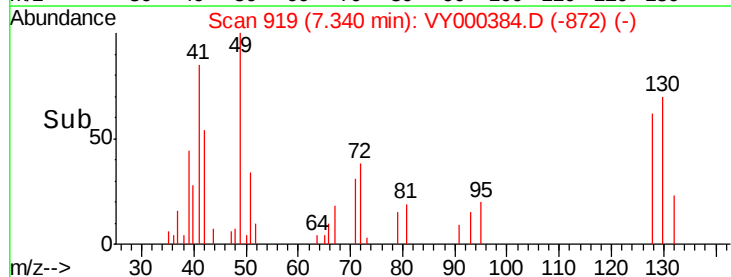
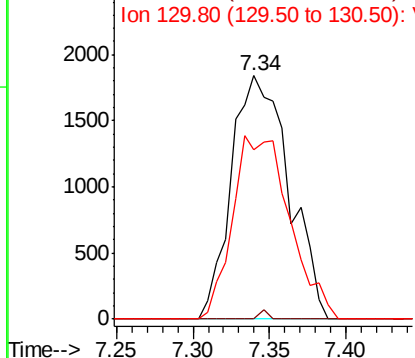
#28

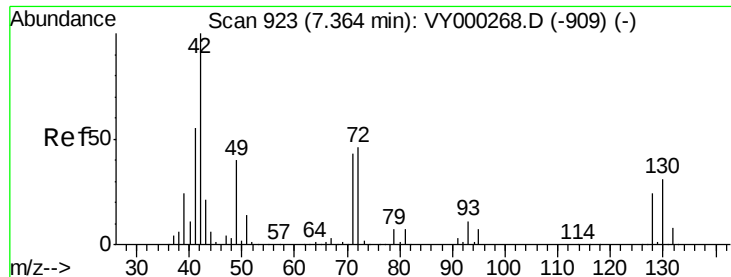
Bromochloromethane
Concen: 58.106 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.0
130	74.5	58.2	87.2



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

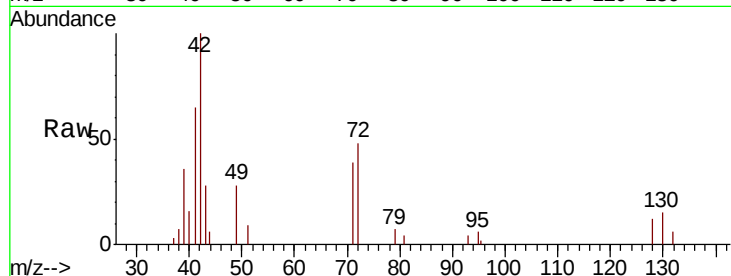




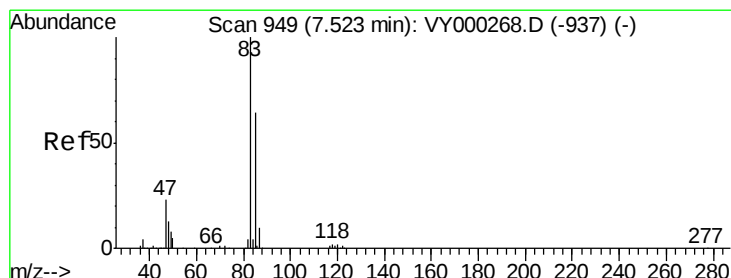
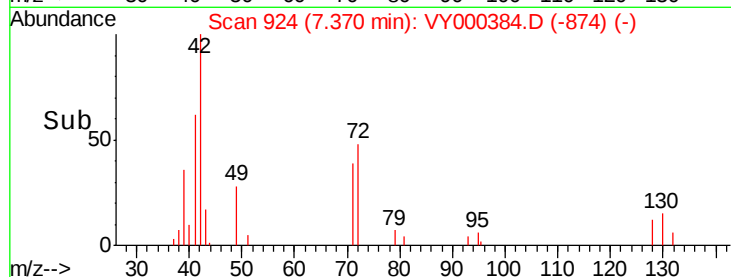
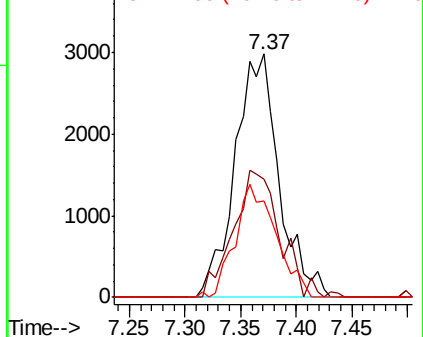
#29
Tetrahydrofuran
Concen: 281.941 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 8233
Ion Ratio Lower Upper
42 100
72 54.4 34.5 51.7#
71 43.1 32.7 49.1

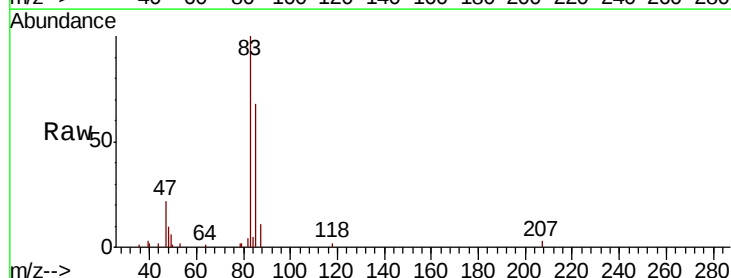


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

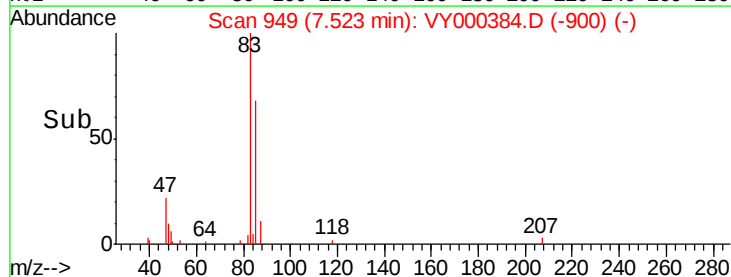
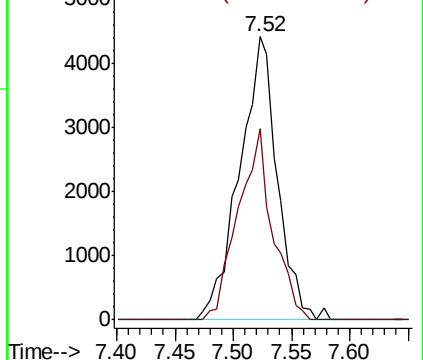


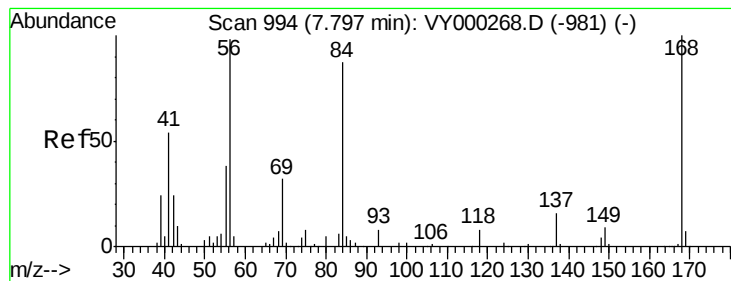
#30
Chloroform
Concen: 51.216 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 83 Resp: 9979
Ion Ratio Lower Upper
83 100
85 67.6 51.4 77.2



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





#31

Cyclohexane

Concen: 45.132 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampled :

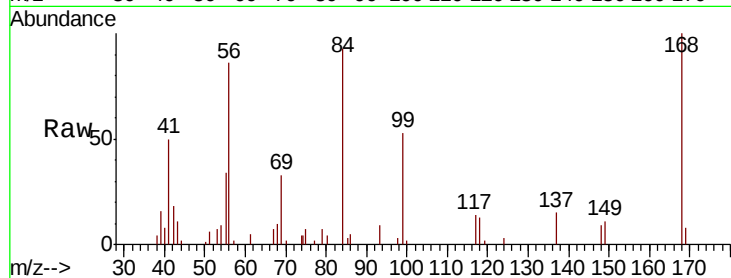
Tot Ion: 56 Resp: 9120

Ion Ratio Lower Upper

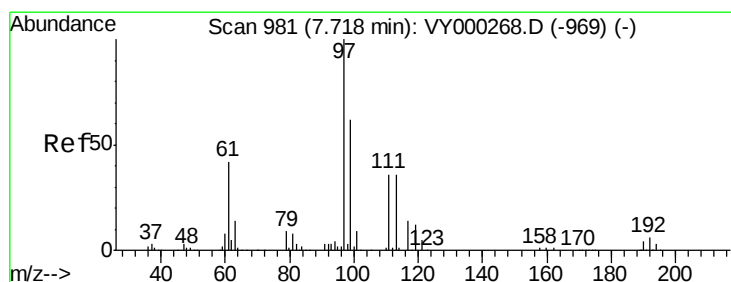
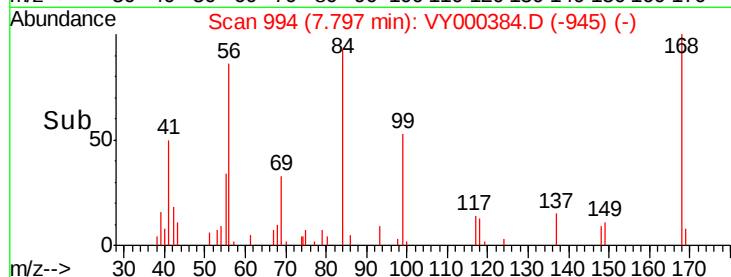
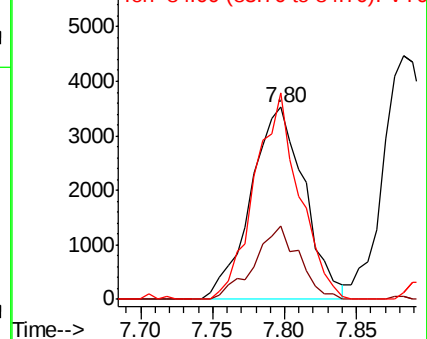
56 100

69 38.3 26.3 39.5

84 107.6 70.8 106.2#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 48.135 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

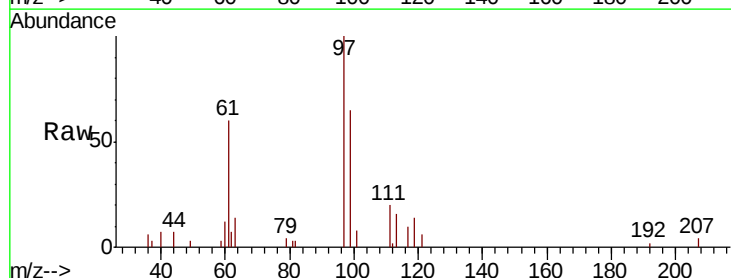
Tgt Ion: 97 Resp: 8338

Ion Ratio Lower Upper

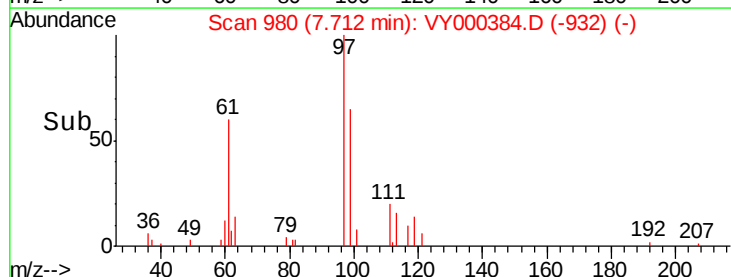
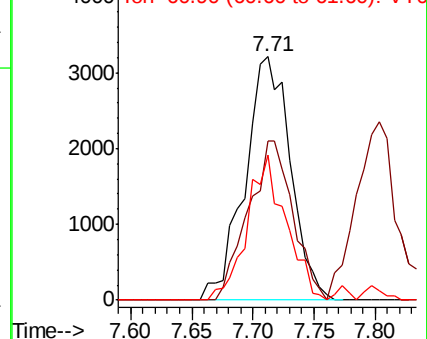
97 100

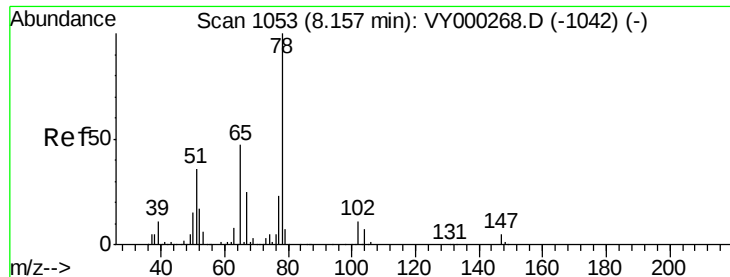
99 63.7 51.7 77.5

61 50.6 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 58.378 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

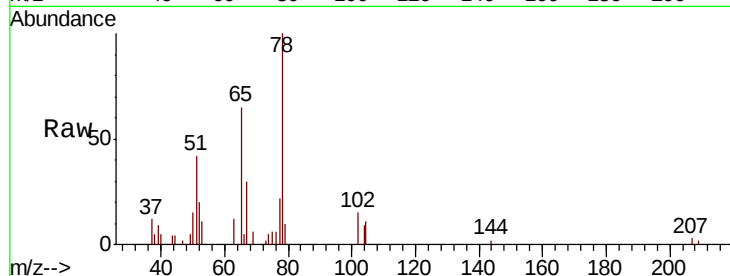
ClientSampleId :

Tot Ion: 65 Resp: 6166

Ion Ratio Lower Upper

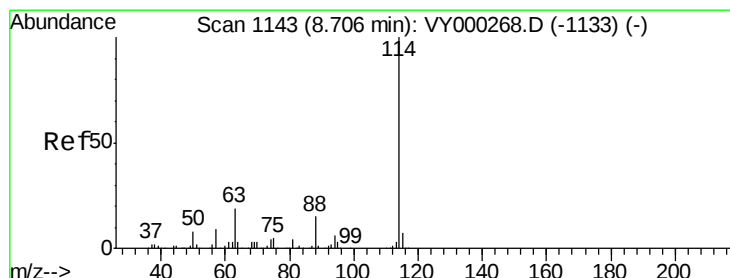
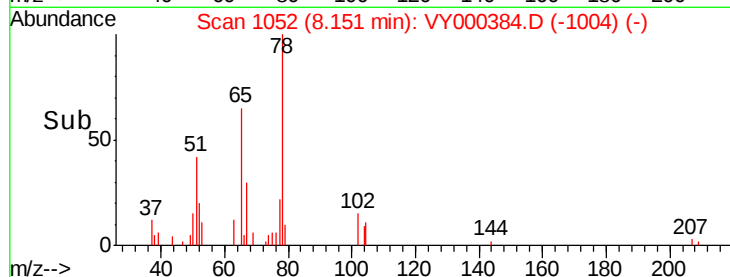
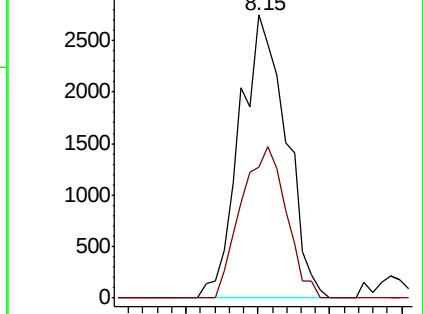
65 100

67 51.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

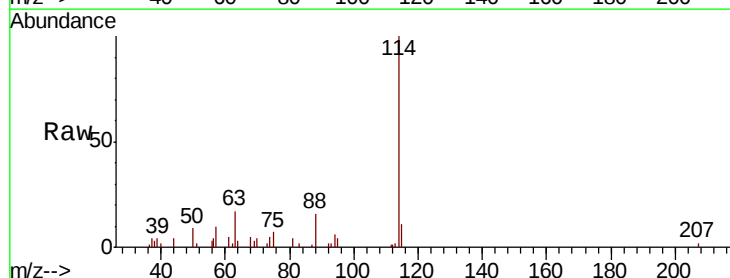
Tgt Ion: 114 Resp: 15170

Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.2

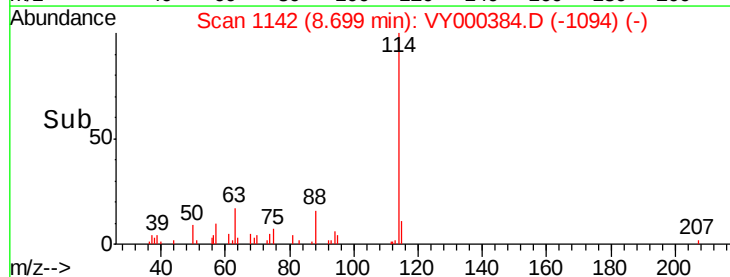
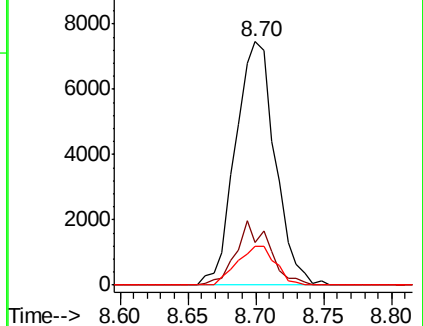
88 16.2 0.0 30.2

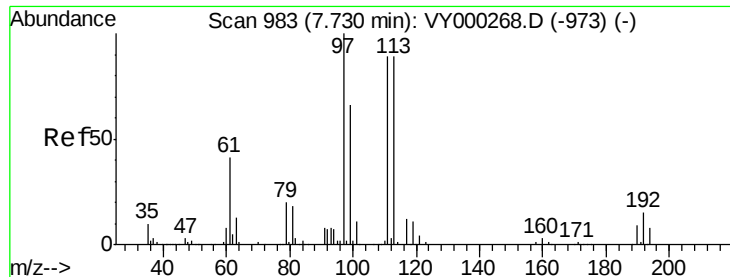


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

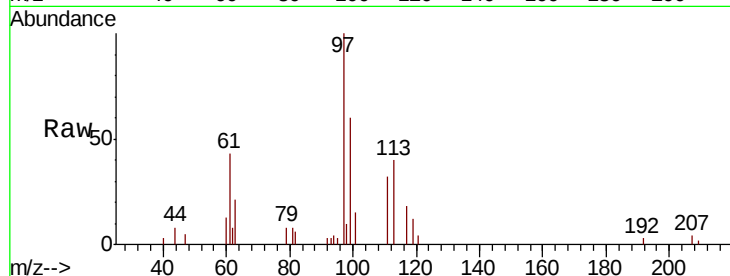




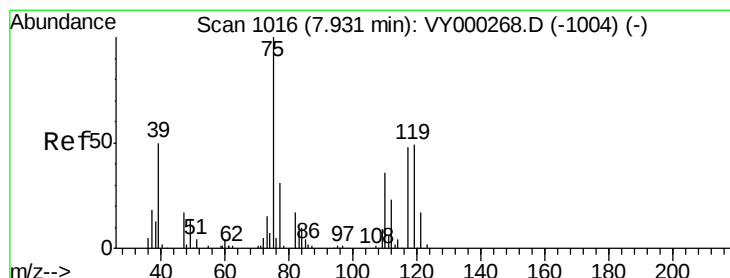
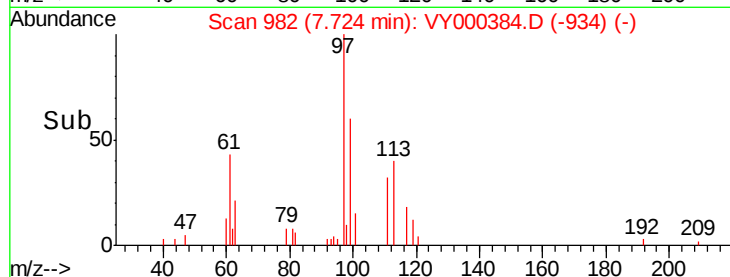
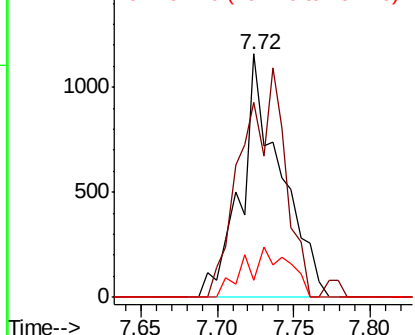
#35
 Dibromofluoromethane
 Concen: 22.731 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 2080
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.6 122.4
 192 22.8 15.3 22.9

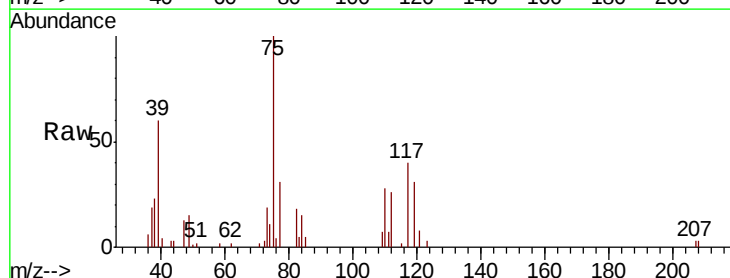


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

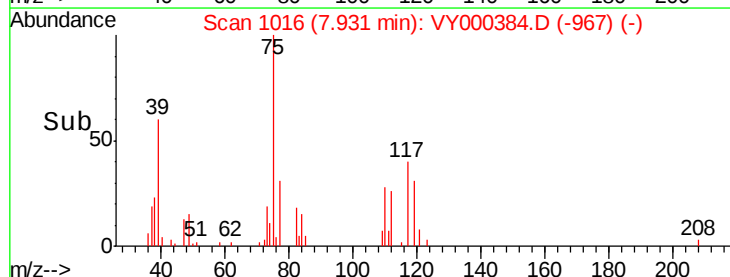
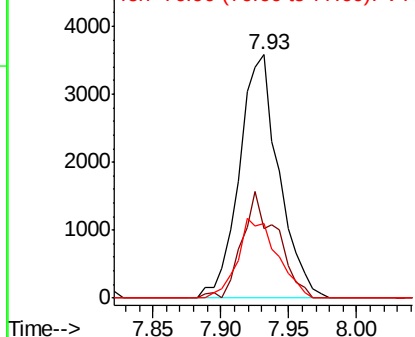


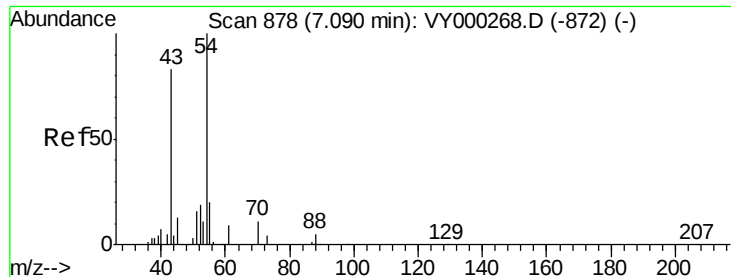
#36
 1,1-Dichloropropene
 Concen: 49.083 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion: 75 Resp: 7290
 Ion Ratio Lower Upper
 75 100
 110 38.6 18.4 55.4
 77 32.5 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

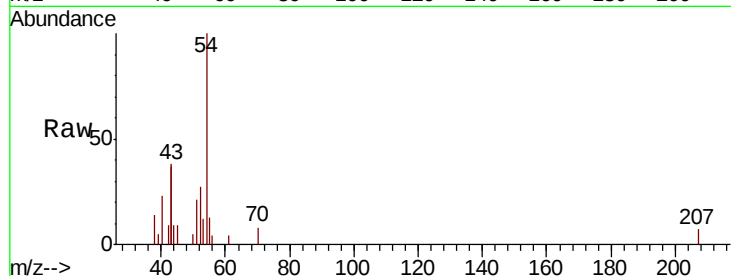




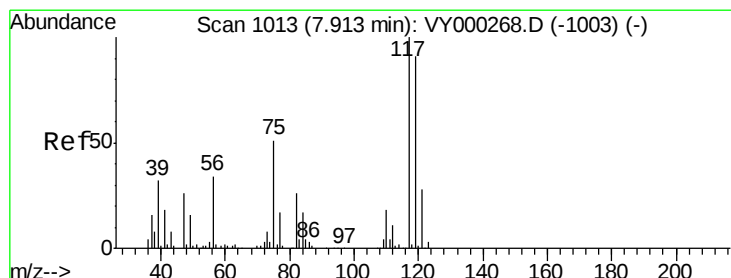
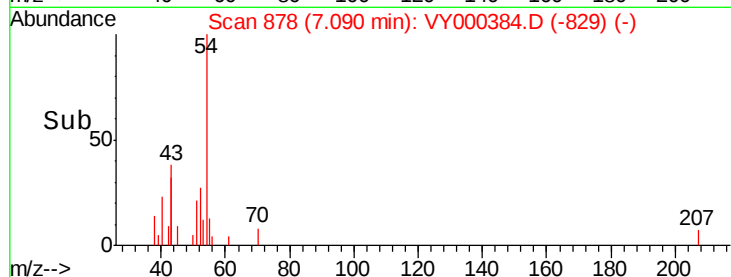
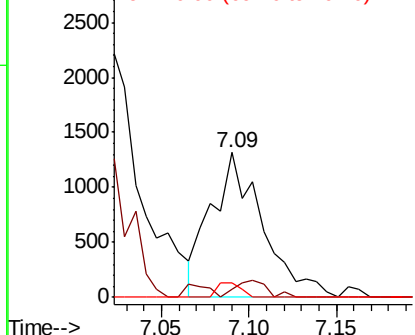
#37
Ethyl Acetate
Concen: 30.690 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	4.5	8.7	13.1#

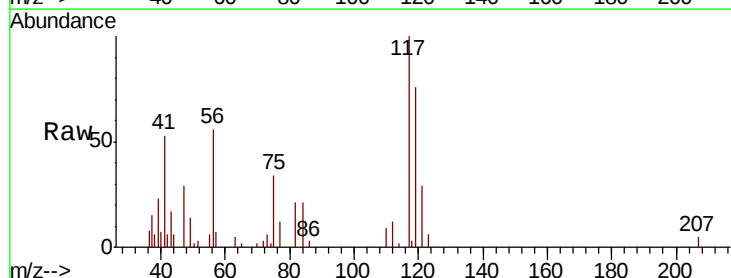


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

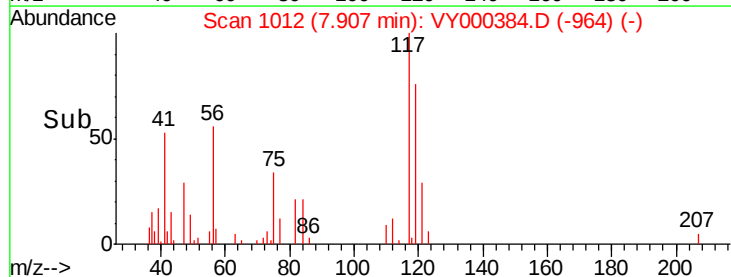
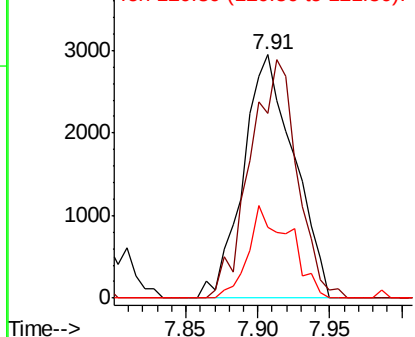


#38
Carbon Tetrachloride
Concen: 50.339 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	75.9	72.8	109.2
121	29.3	22.2	33.2



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

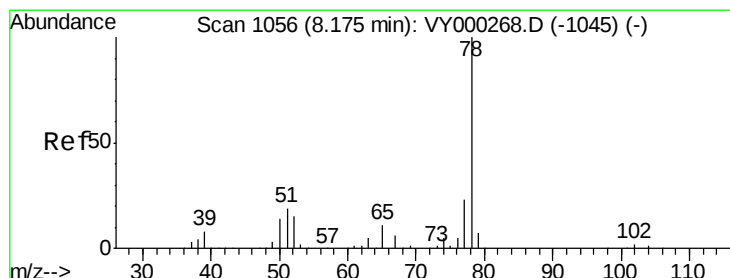
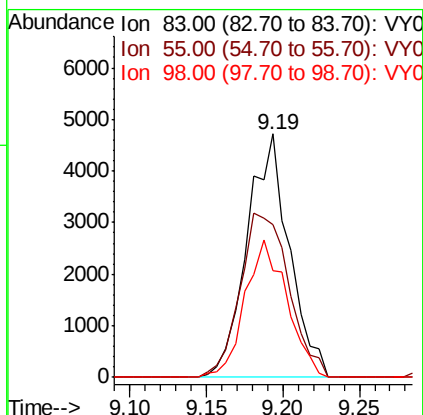
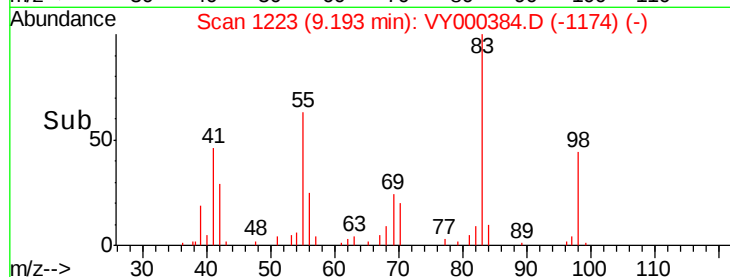
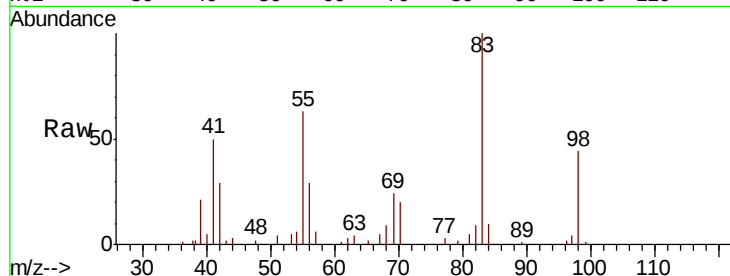




#39
Methvlcvclohexane
Concen: 46.551 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

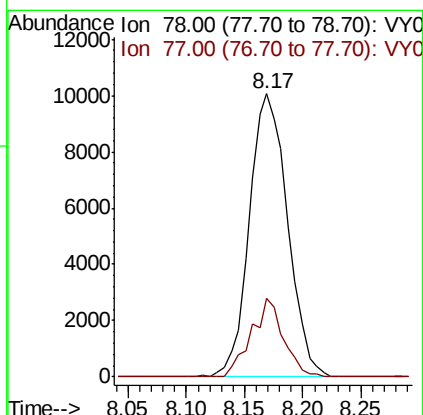
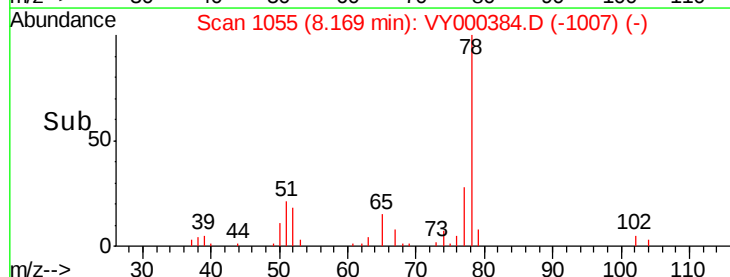
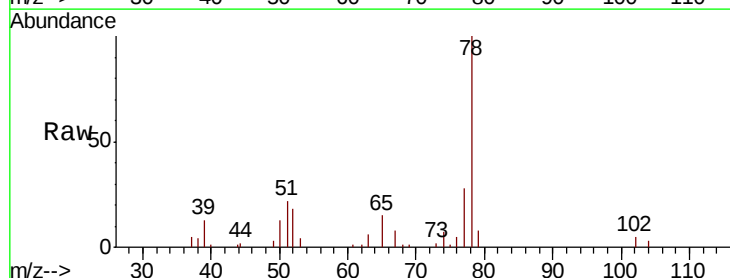
Instrument :
MSVOA_Y
ClientSampleId :

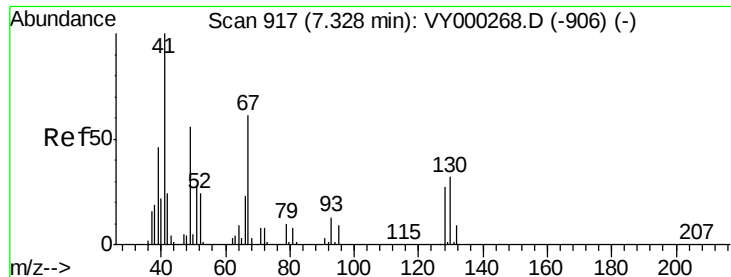
Tot Ion: 83 Resp: 9049
Ion Ratio Lower Upper
83 100
55 62.9 60.9 91.3
98 43.8 41.8 62.6



#40
Benzene
Concen: 53.581 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 78 Resp: 22998
Ion Ratio Lower Upper
78 100
77 27.6 18.8 28.2

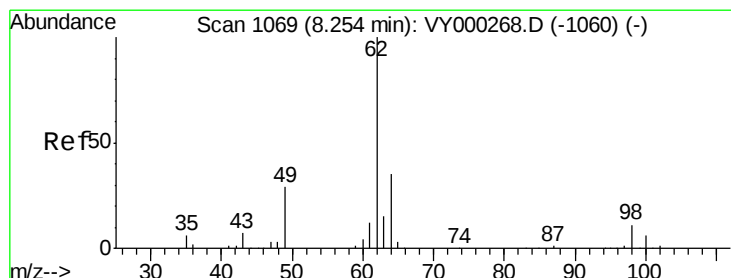
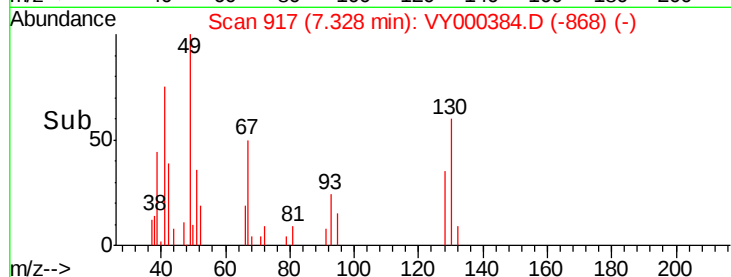
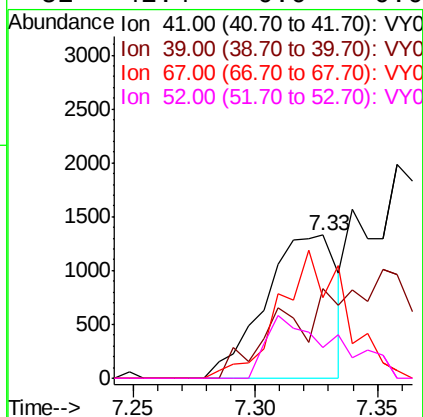
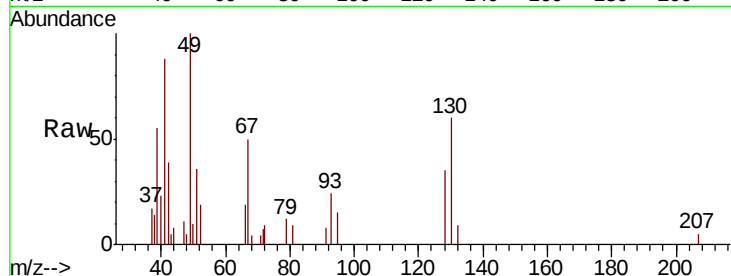




#41
Methacrylonitrile
Concen: 64.952 ug/l
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

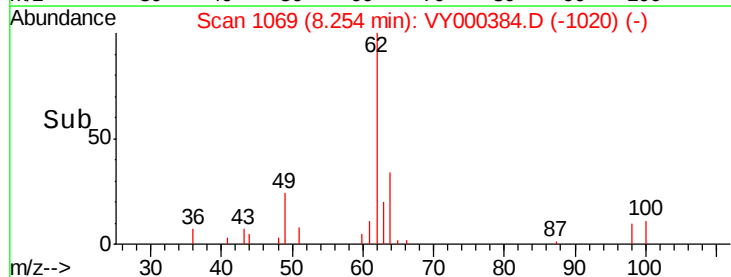
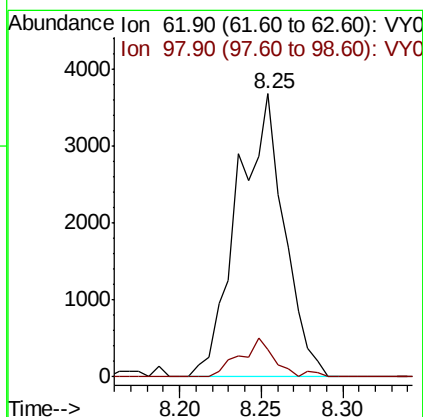
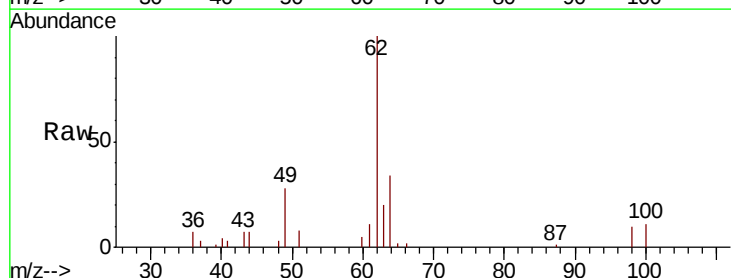
Instrument :
MSVOA_Y
ClientSampled :

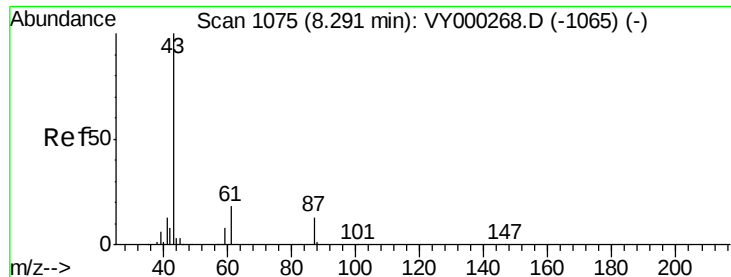
Tot Ion: 41 Resp: 2719
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 81.7 0.0 0.0#
52 42.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 59.957 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 62 Resp: 7351
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6

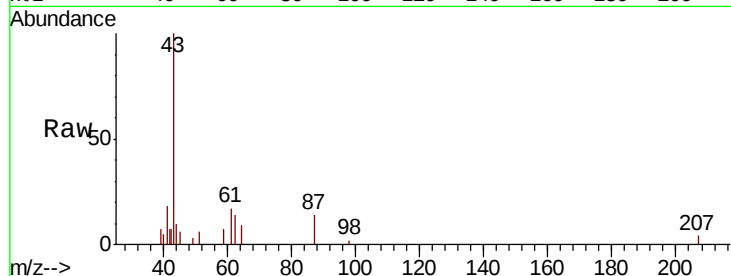




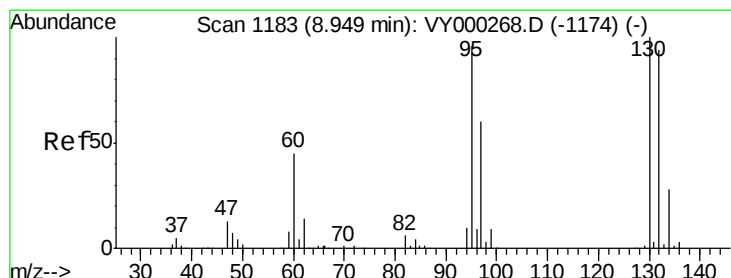
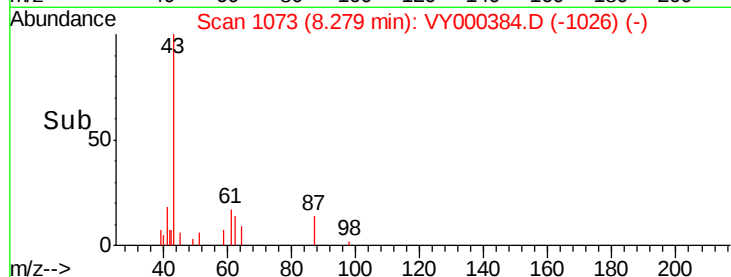
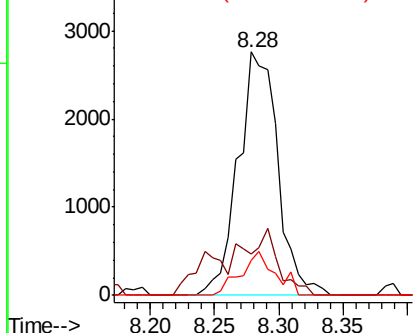
#43
Isopropyl Acetate
Concen: 34.996 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 5852
Ion Ratio Lower Upper
43 100
61 24.3 22.3 33.5
87 15.7 10.9 16.3

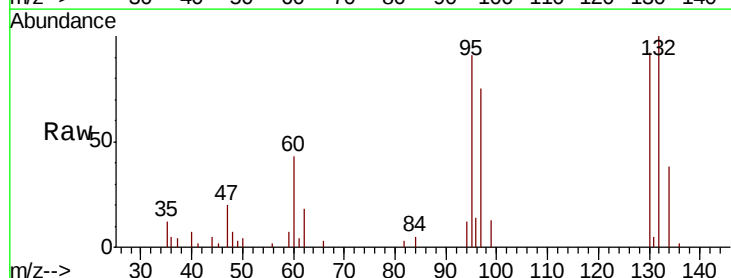


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

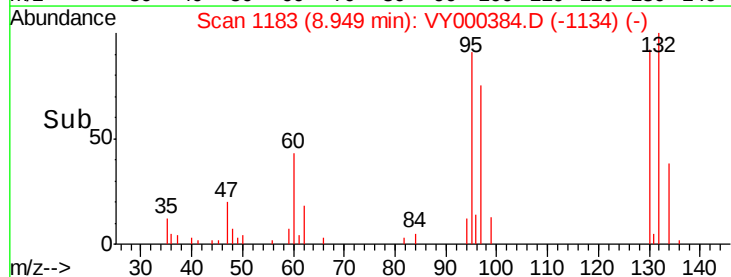
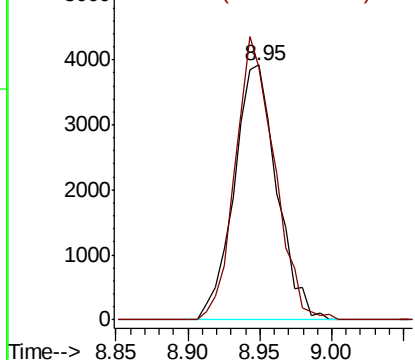


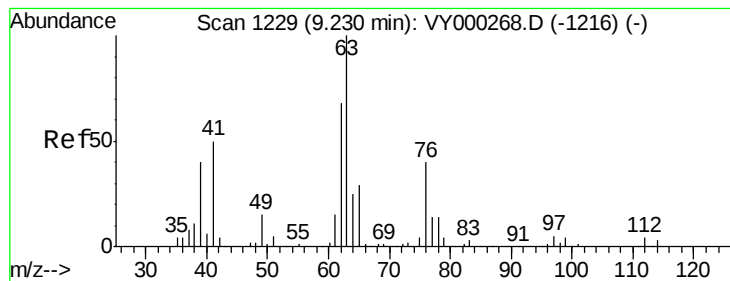
#44
Trichloroethene
Concen: 67.233 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion:130 Resp: 8097
Ion Ratio Lower Upper
130 100
95 99.0 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 56.004 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

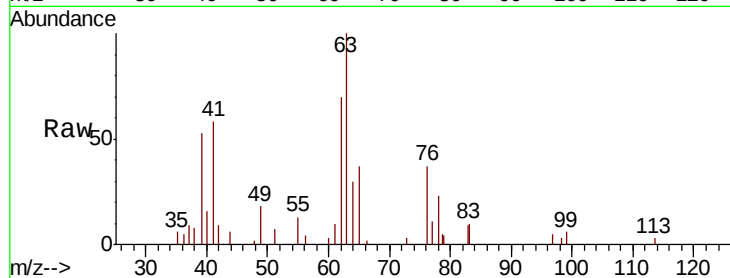
ClientSampleId :

Tot Ion: 63 Resp: 5899

Ion Ratio Lower Upper

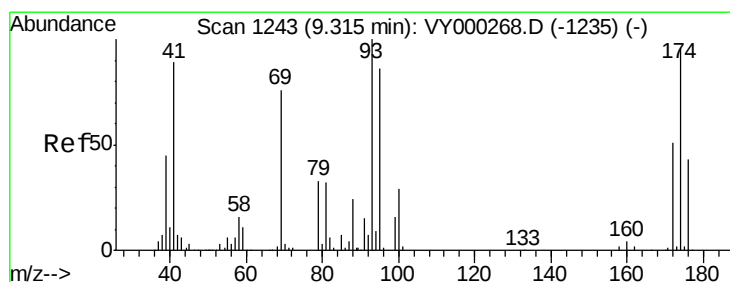
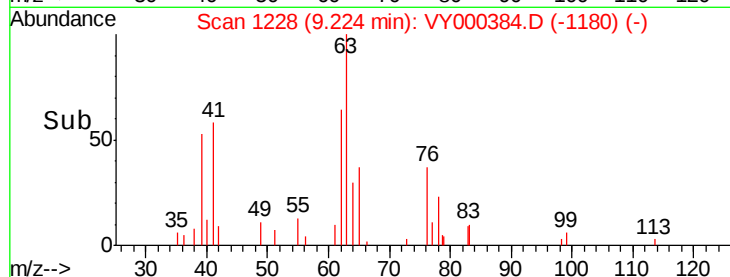
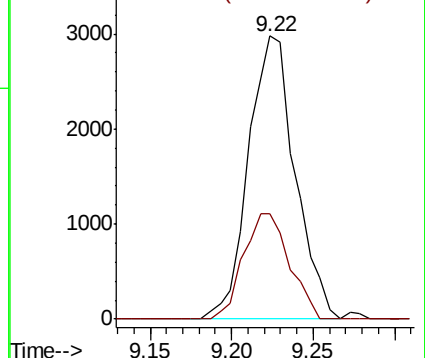
63 100

65 37.3 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 56.384 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

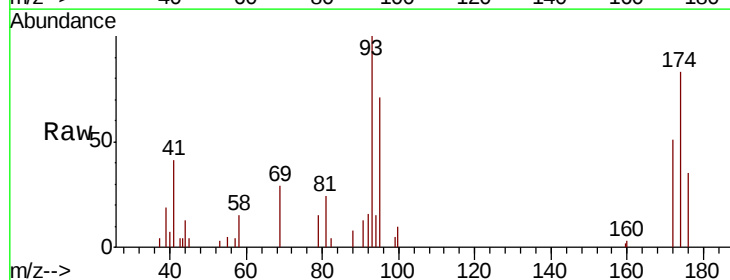
Tgt Ion: 93 Resp: 3320

Ion Ratio Lower Upper

93 100

95 94.8 68.2 102.2

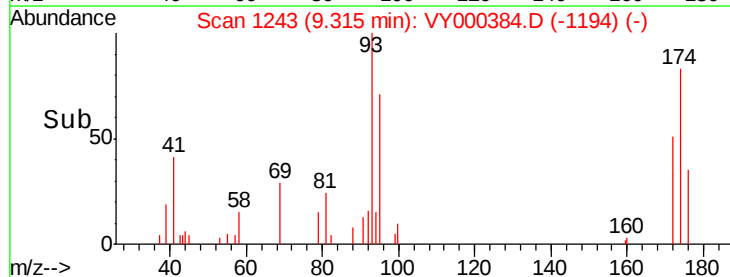
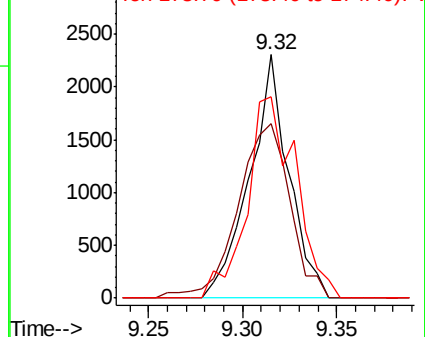
174 103.0 79.8 119.6

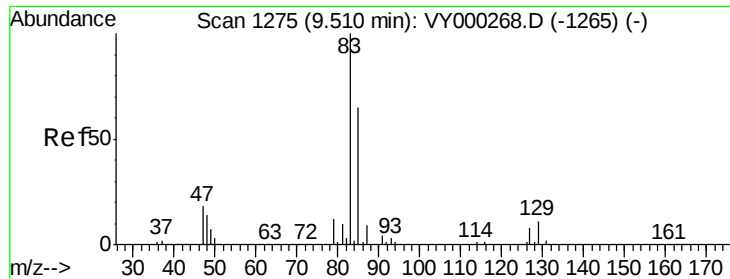


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

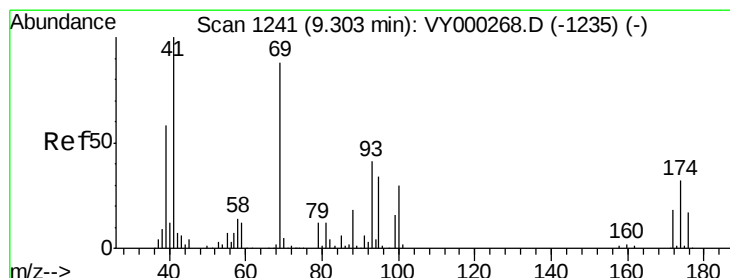
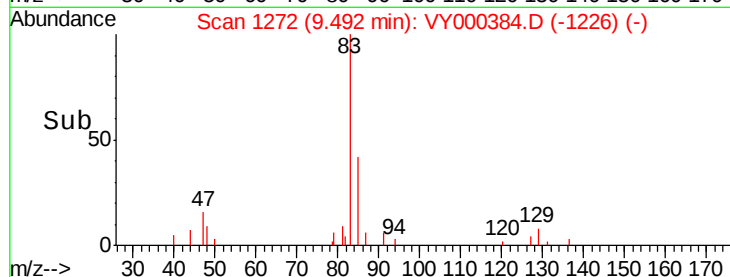
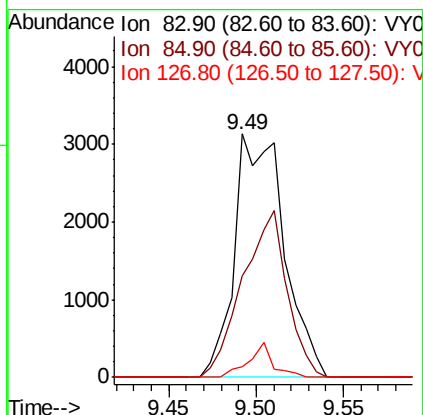
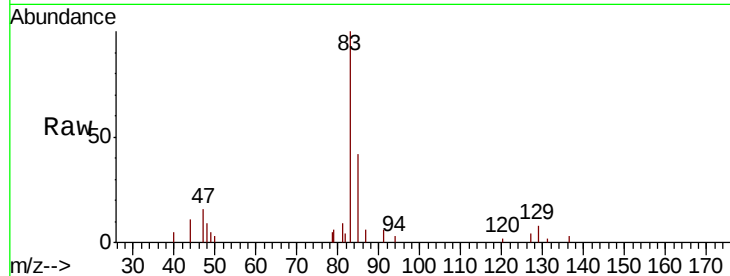




#47
 Bromodichloromethane
 Concen: 44.600 ug/l
 RT: 9.49 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

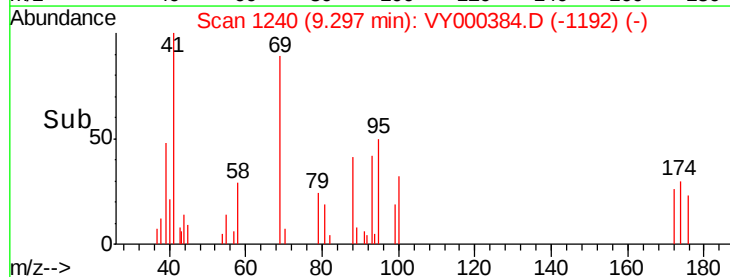
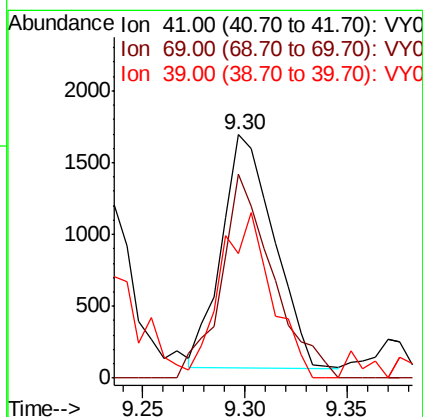
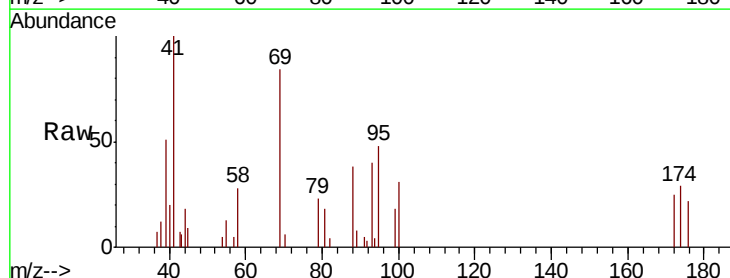
Instrument :
 MSVOA_Y
 ClientSampled :

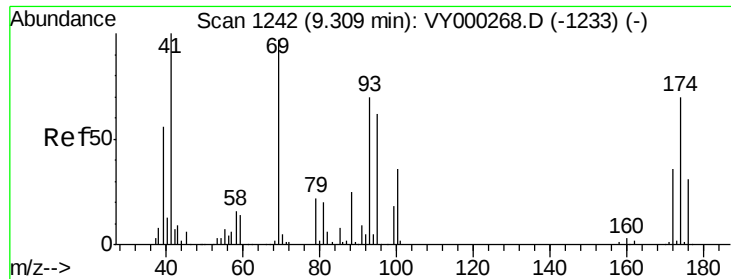
Tot Ion: 83 Resp: 6189
 Ion Ratio Lower Upper
 83 100
 85 41.7 52.2 78.2#
 127 4.2 6.3 9.5#



#48
 Methyl methacrylate
 Concen: 39.613 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion: 41 Resp: 2903
 Ion Ratio Lower Upper
 41 100
 69 85.9 70.0 105.0
 39 69.2 47.7 71.5

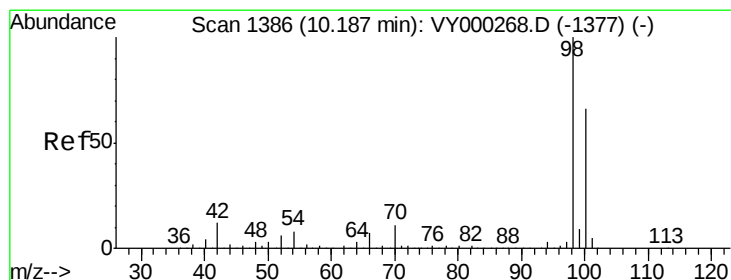
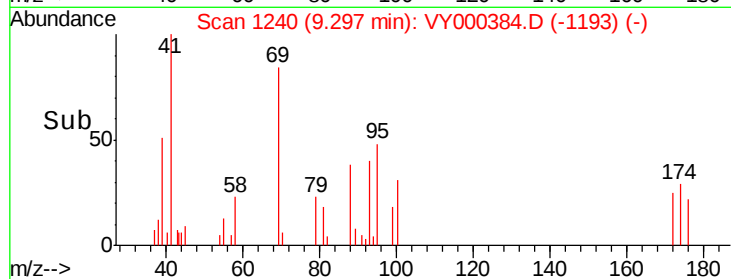
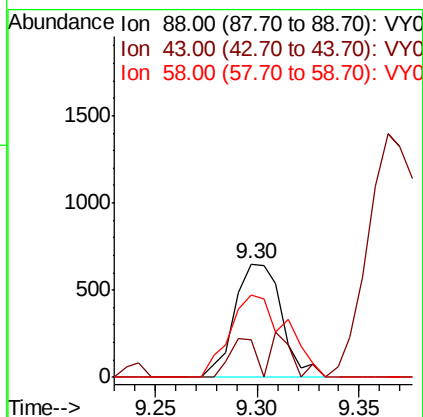
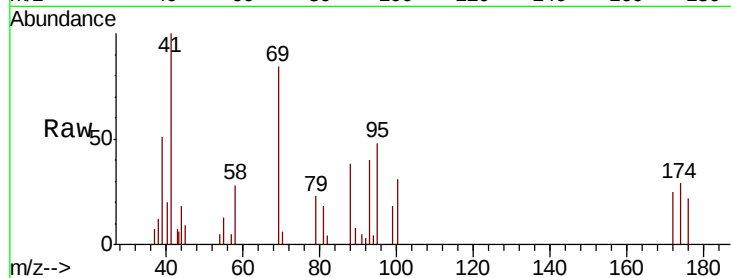




#49
 1,4-Dioxane
 Concen: 1183.645 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

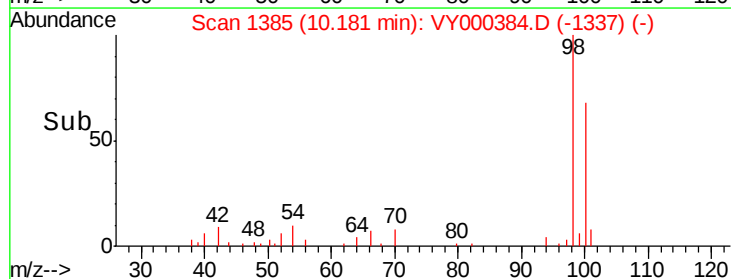
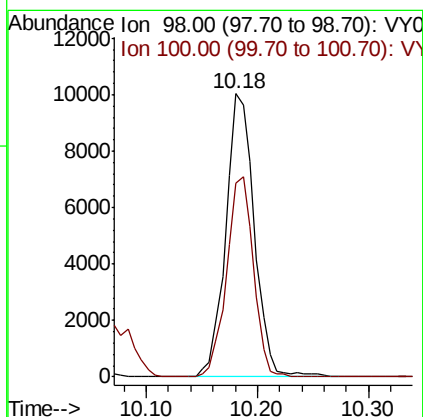
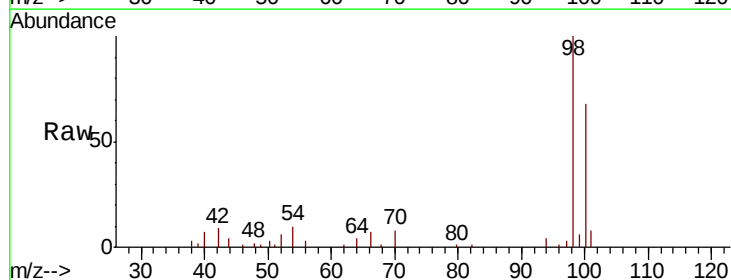
Instrument :
 MSVOA_Y
 ClientSampled :

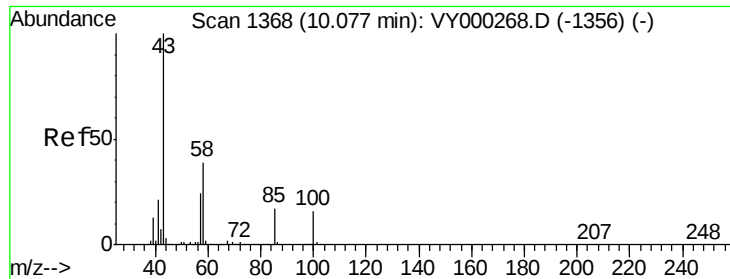
Tot Ion: 88 Resp: 1045
 Ion Ratio Lower Upper
 88 100
 43 18.4 25.6 38.4#
 58 87.0 54.6 81.8#



#50
 Toluene-d8
 Concen: 50.684 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion: 98 Resp: 17841
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.8 79.2

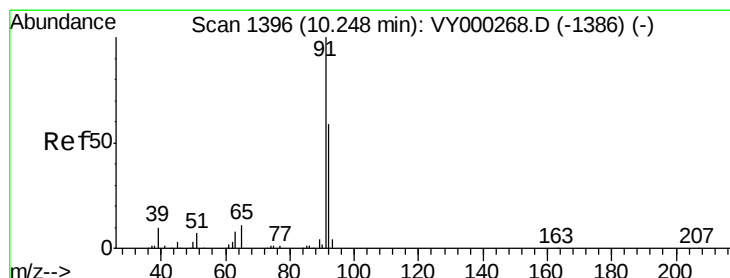
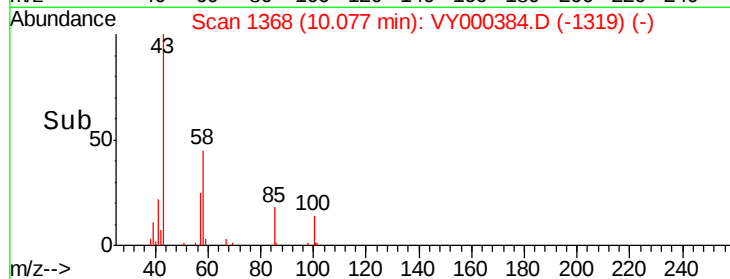
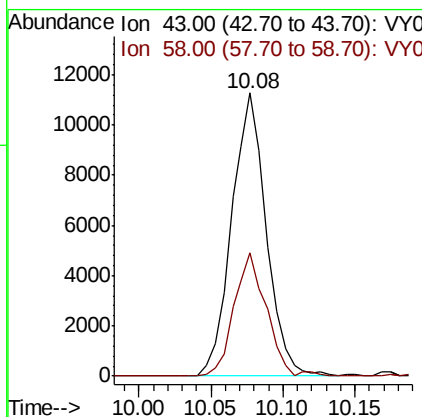
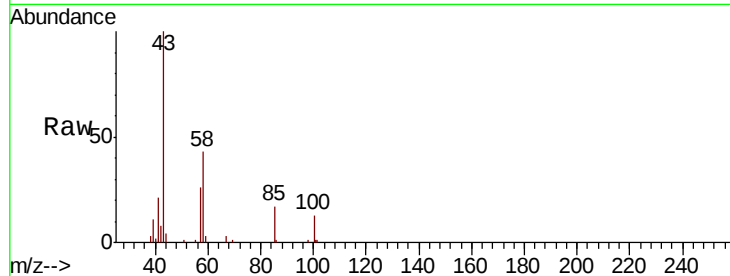




#51
4-Methyl-2-Pentanone
Concen: 218.223 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

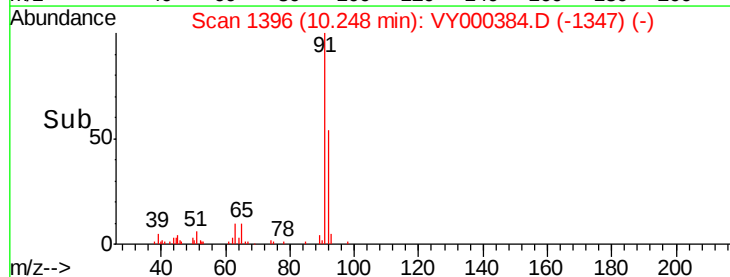
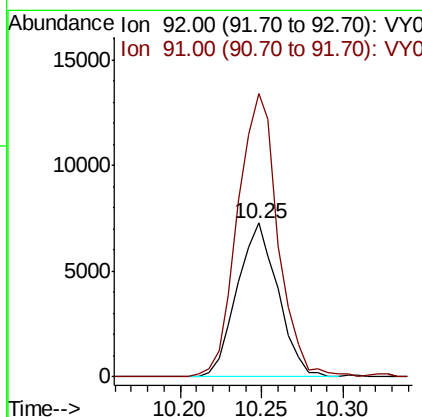
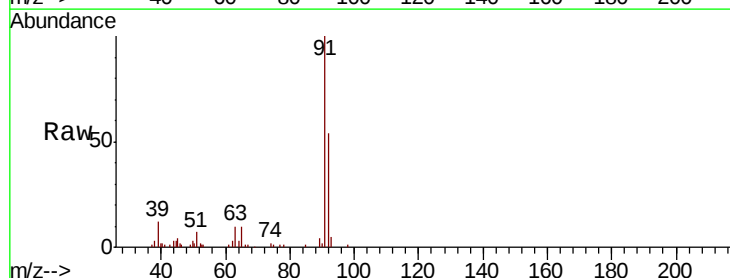
Instrument :
MSVOA_Y
ClientSampleId :

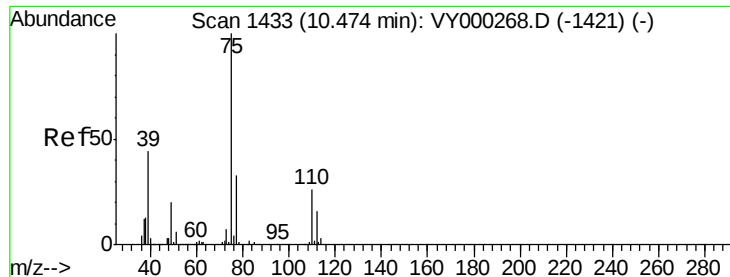
Tot Ion: 43 Resp: 18821
Ion Ratio Lower Upper
43 100
58 40.2 31.0 46.6



#52
Toluene
Concen: 46.490 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 92 Resp: 12669
Ion Ratio Lower Upper
92 100
91 182.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 27.152 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

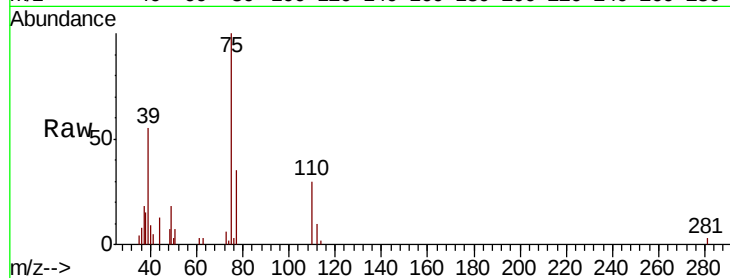
ClientSampleId :

Tot Ion: 75 Resp: 4038

Ion Ratio Lower Upper

75 100

77 35.0 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

2500

2000

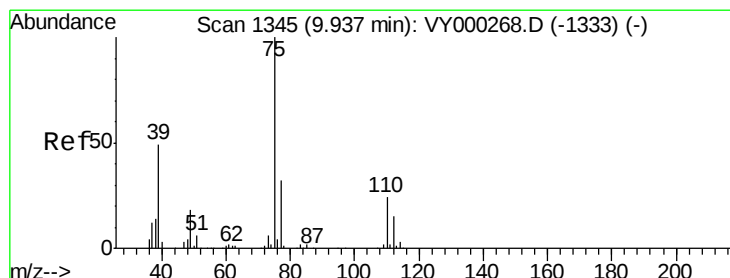
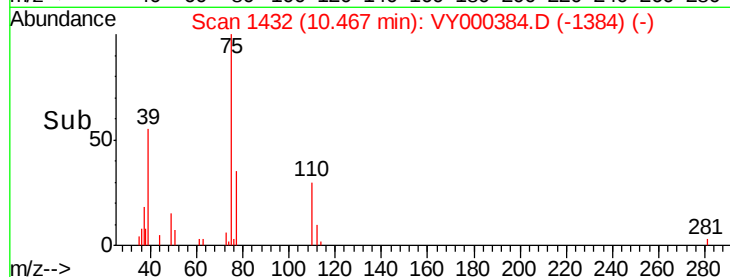
1500

1000

500

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 41.974 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

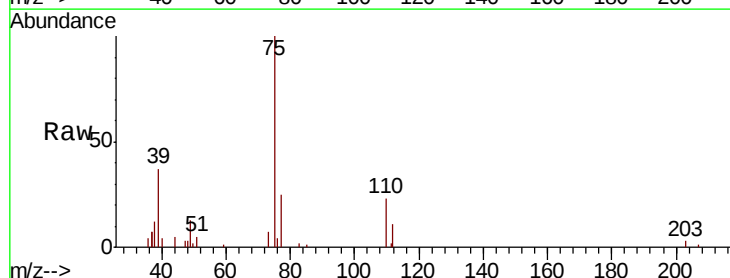
Tgt Ion: 75 Resp: 7089

Ion Ratio Lower Upper

75 100

77 24.8 26.0 39.0#

39 37.2 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

6000

5000

4000

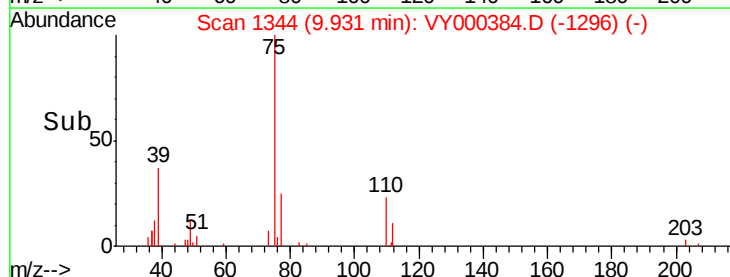
3000

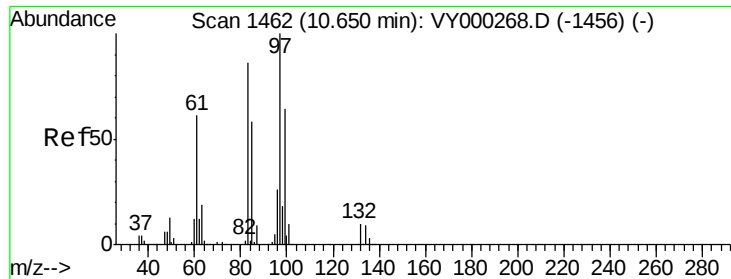
2000

1000

0

Time-->

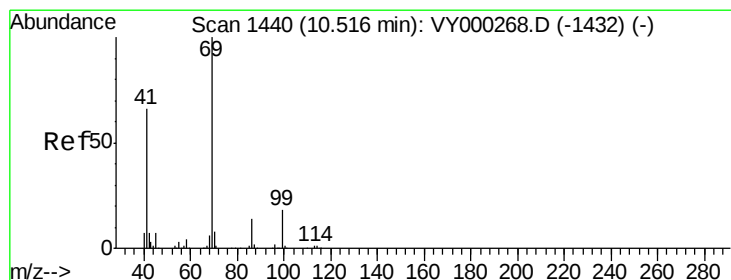
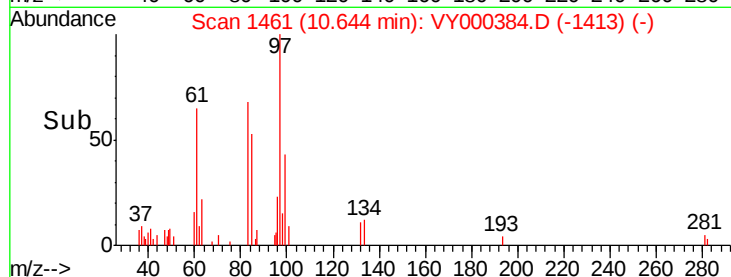
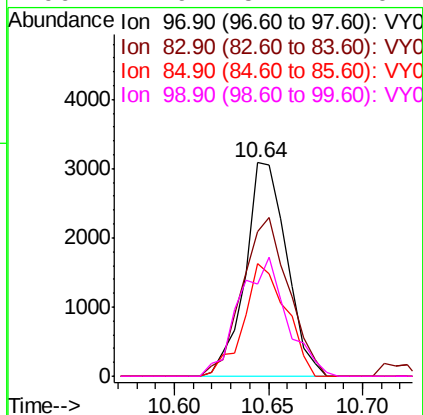
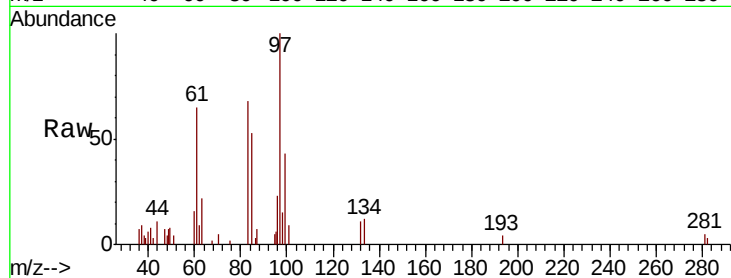




#55
 1,1,2-Trichloroethane
 Concen: 54.992 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

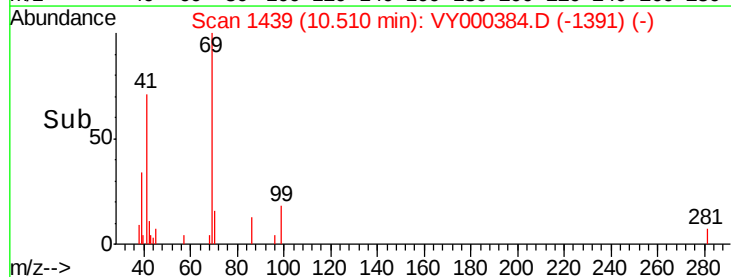
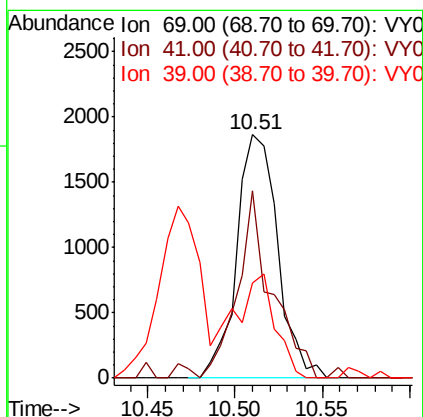
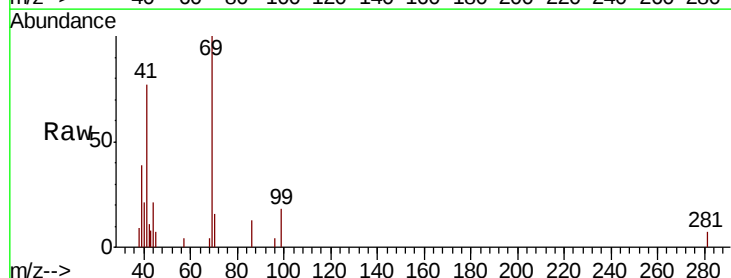
Instrument :
 MSVOA_Y
 ClientSampleId :

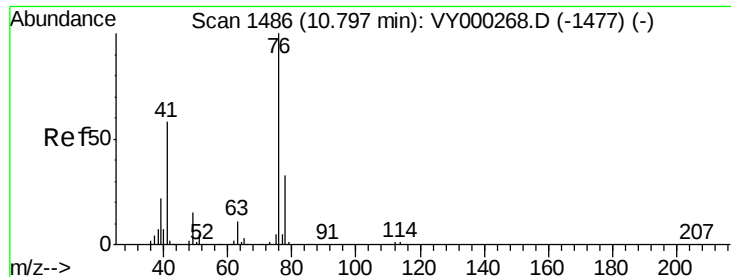
Tot Ion: 97 Resp: 4708
 Ion Ratio Lower Upper
 97 100
 83 67.5 69.0 103.6#
 85 52.5 46.2 69.4
 99 42.9 51.1 76.7#



#56
 Ethyl methacrylate
 Concen: 25.002 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion: 69 Resp: 3051
 Ion Ratio Lower Upper
 69 100
 41 64.0 52.5 78.7
 39 38.3 26.7 40.1





#57

1,3-Dichloropropane

Concen: 55.716 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

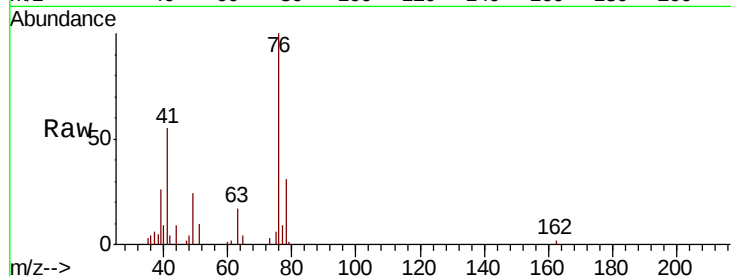
ClientSampled :

Tot Ion: 76 Resp: 8192

Ion Ratio Lower Upper

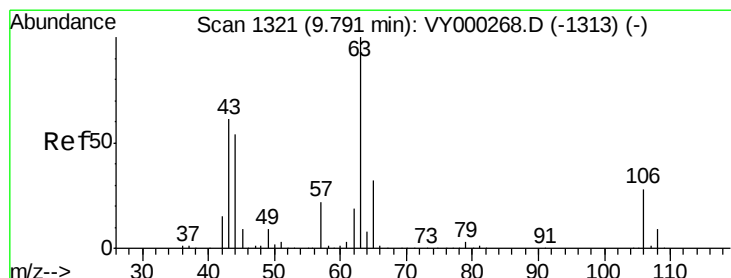
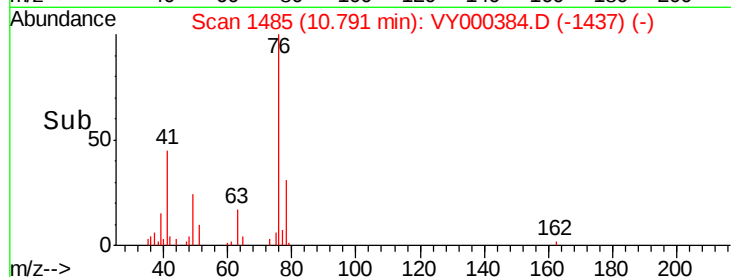
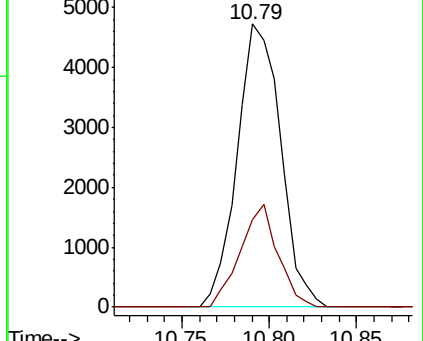
76 100

78 31.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 33.180 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000384.D

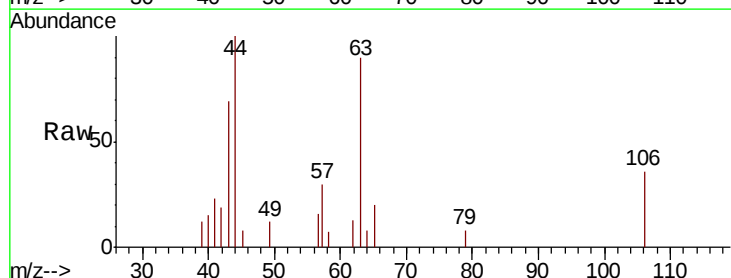
Acq: 23 Oct 2019 16:23

Tgt Ion: 63 Resp: 1615

Ion Ratio Lower Upper

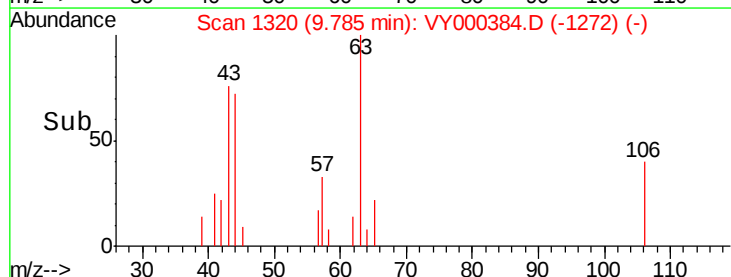
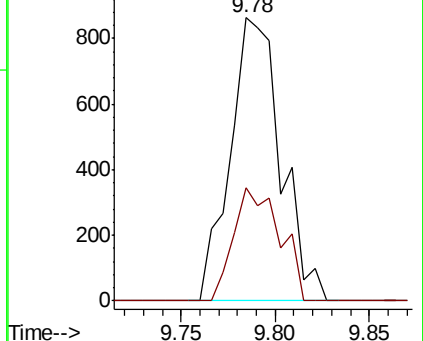
63 100

106 36.5 23.0 34.4#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

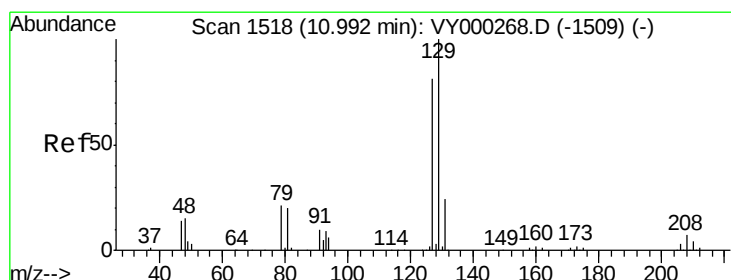
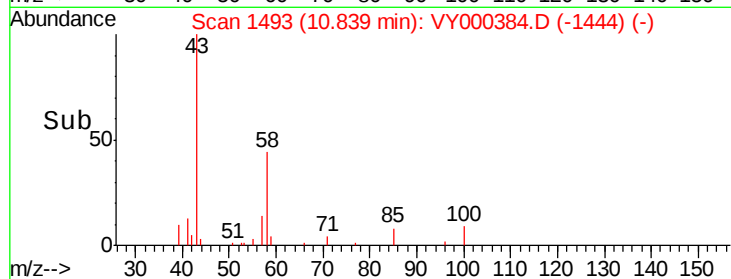
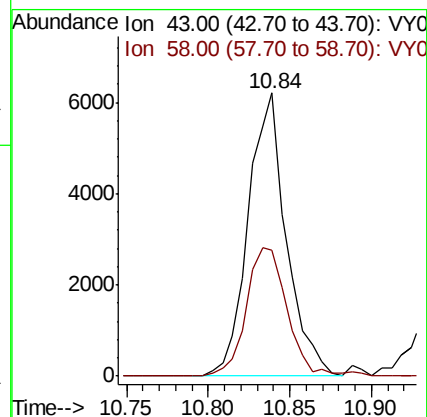
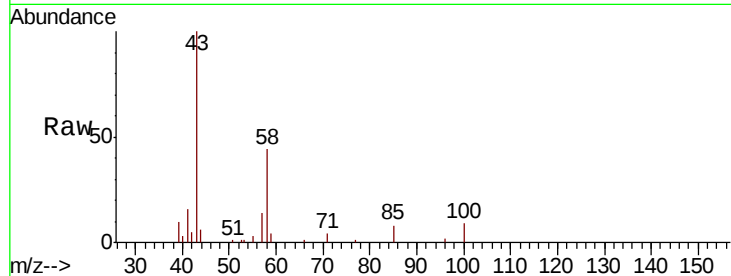




#59
2-Hexanone
Concen: 166.805 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

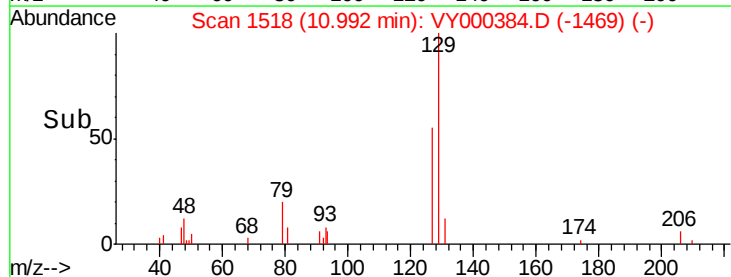
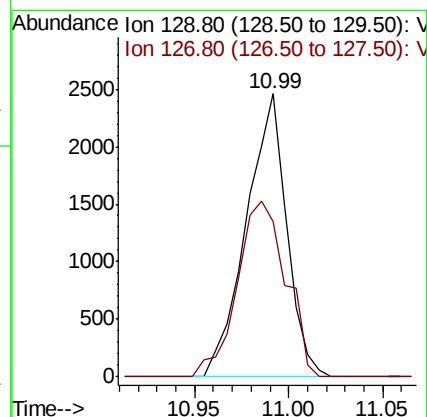
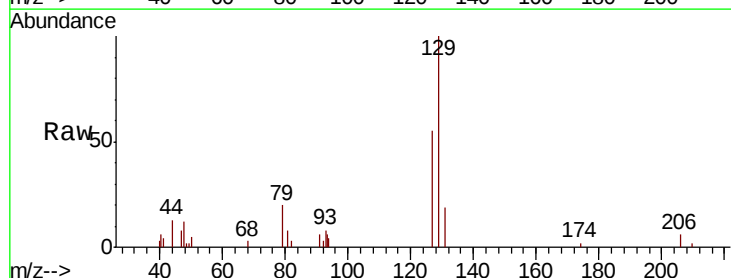
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 10098
Ion Ratio Lower Upper
43 100
58 48.8 27.7 83.1



#60
Dibromochloromethane
Concen: 38.507 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 129 Resp: 3654
Ion Ratio Lower Upper
129 100
127 75.2 39.9 119.7

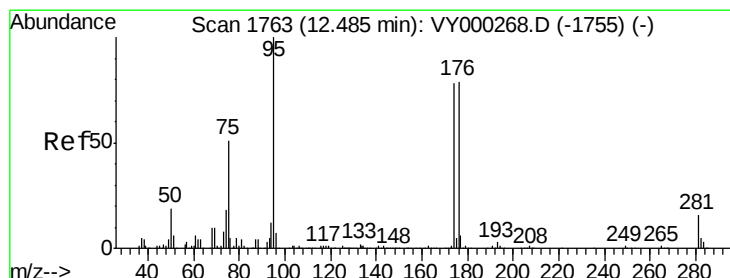
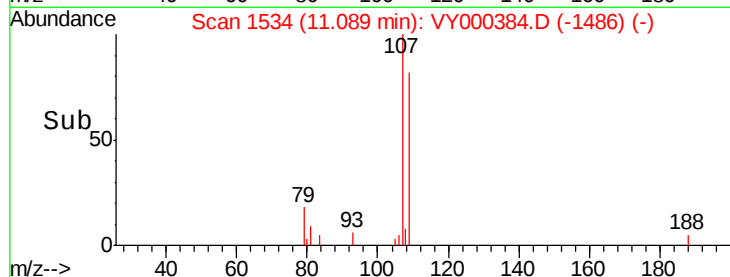
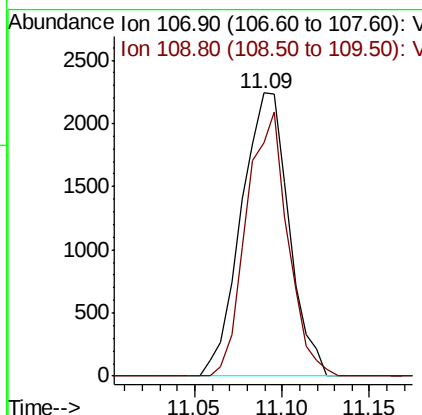
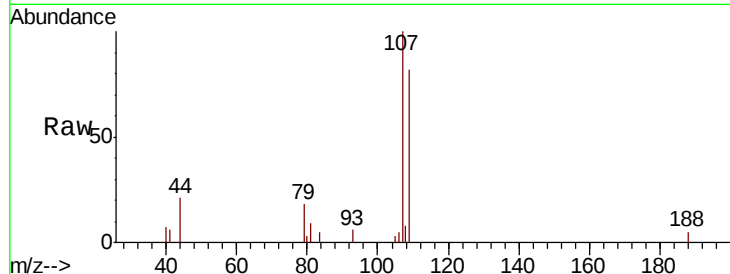




#61
 1,2-Dibromoethane
 Concen: 51.787 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

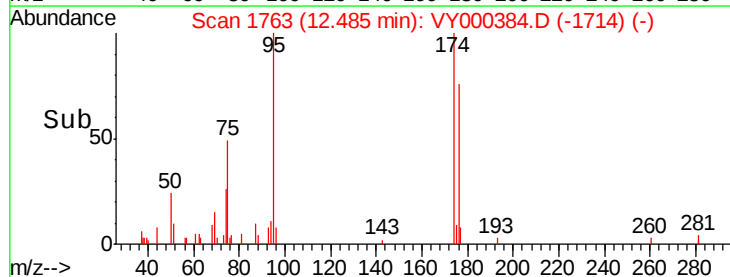
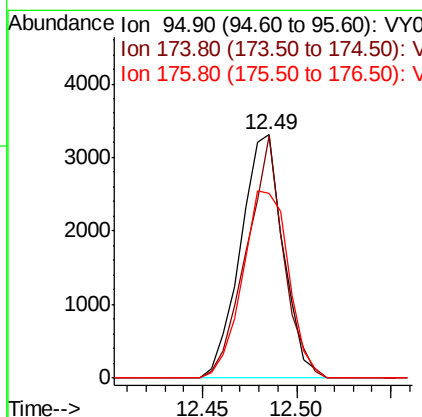
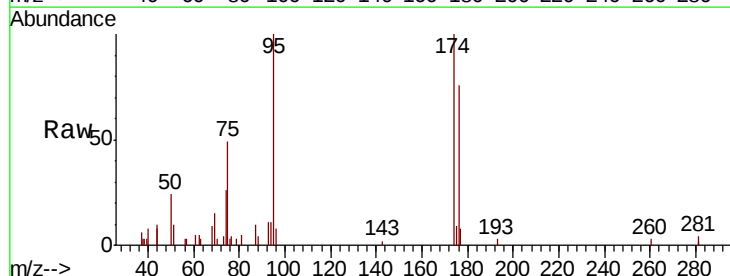
Instrument :
 MSVOA_Y
 ClientSampleId :

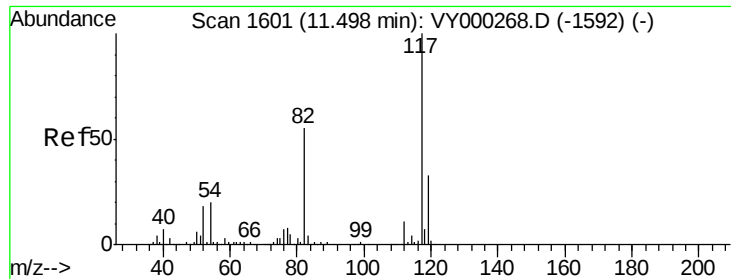
Tot Ion: 107 Resp: 4257
 Ion Ratio Lower Upper
 107 100
 109 80.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 38.869 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion: 95 Resp: 5198
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 159.6
 176 83.2 0.0 153.8

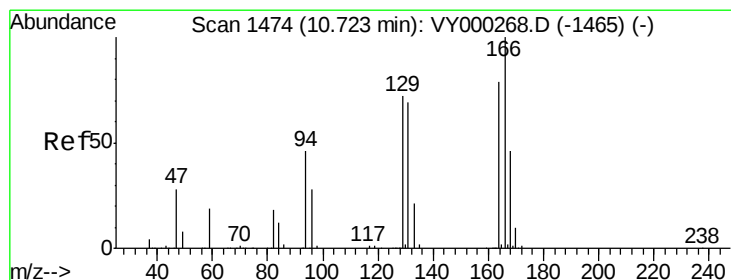
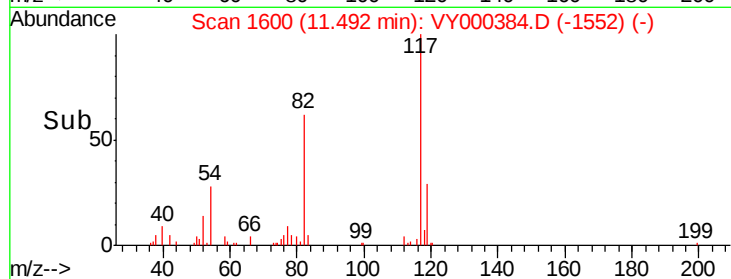
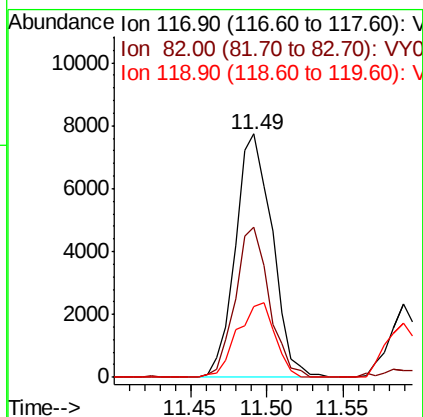
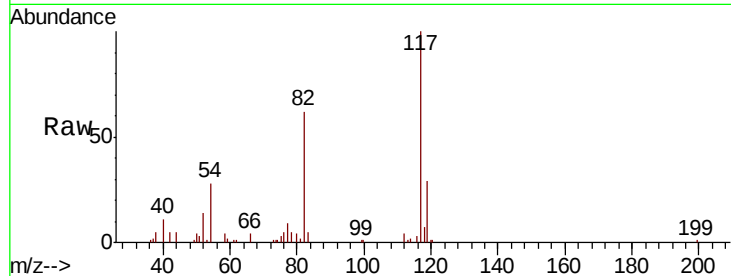




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

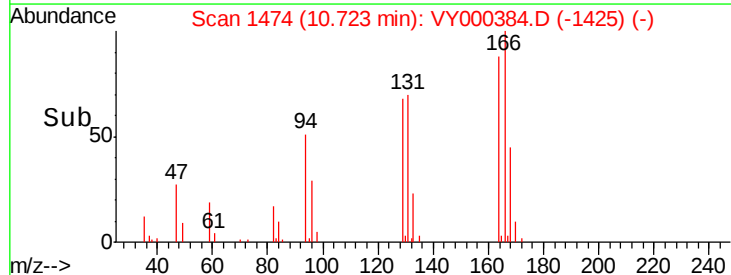
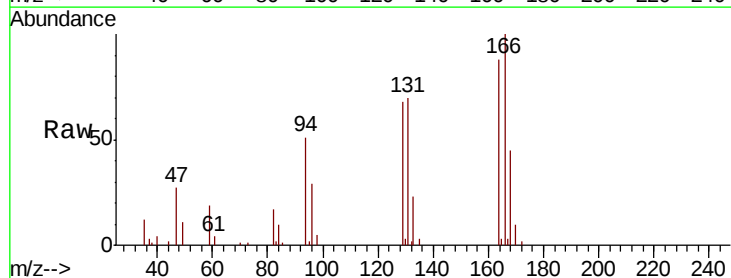
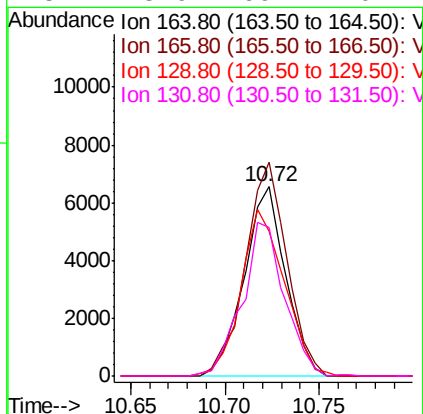
Instrument :
MSVOA_Y
ClientSampleId :

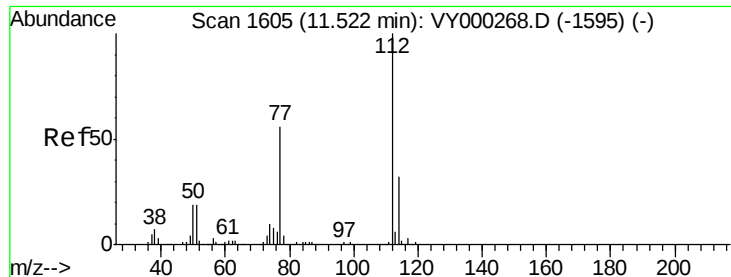
Tot Ion:117 Resp: 12922
Ion Ratio Lower Upper
117 100
82 61.6 43.7 65.5
119 29.3 26.6 39.8



#64
Tetrachloroethene
Concen: 81.361 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion:164 Resp: 10009
Ion Ratio Lower Upper
164 100
166 113.1 100.6 151.0
129 76.5 72.8 109.2
131 78.9 69.4 104.2





#65

Chlorobenzene

Concen: 48.744 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

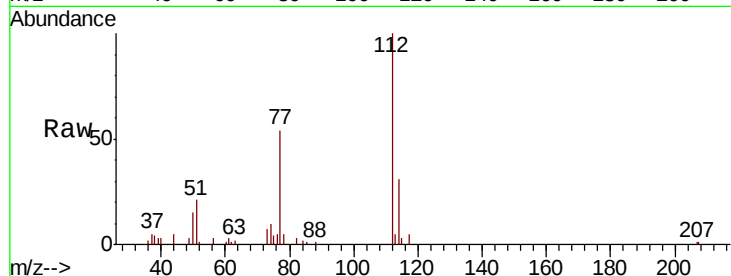
ClientSampleId :

Tot Ion:112 Resp: 13293

Ion Ratio Lower Upper

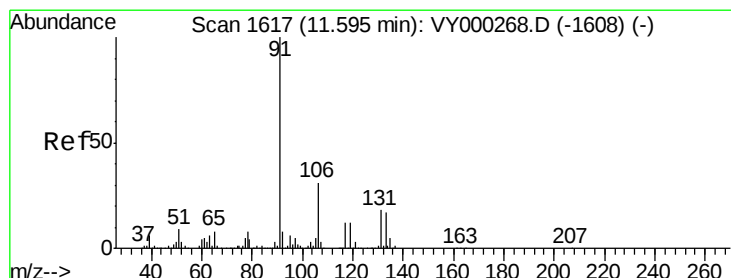
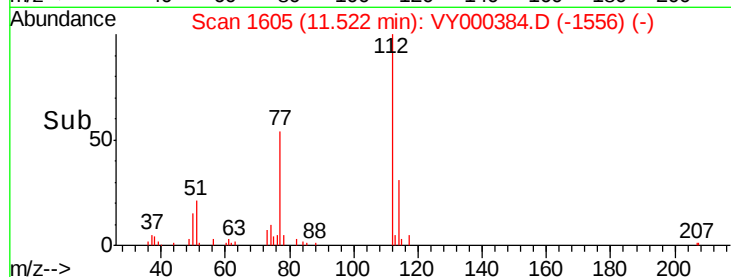
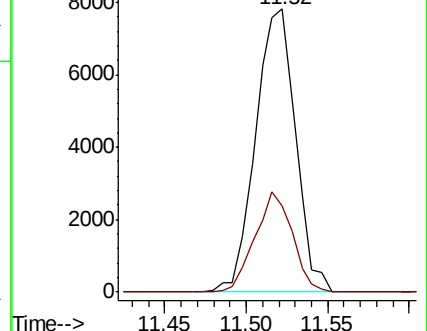
112 100

114 30.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.189 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

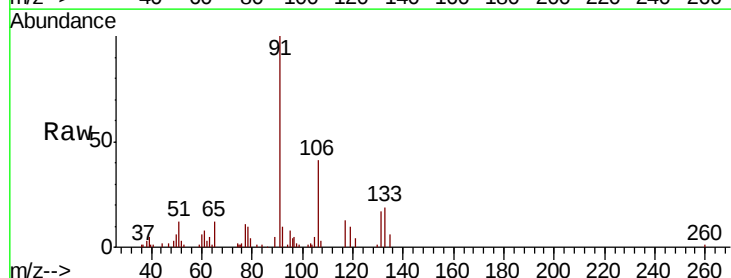
Tgt Ion:131 Resp: 4329

Ion Ratio Lower Upper

131 100

133 109.5 47.2 141.6

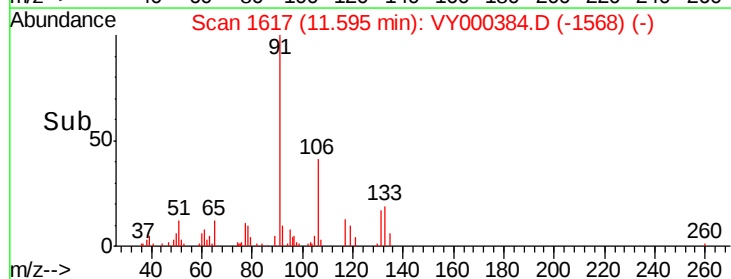
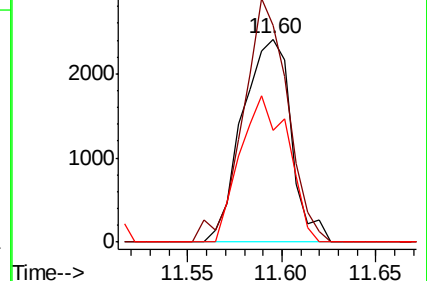
119 70.9 32.6 98.0

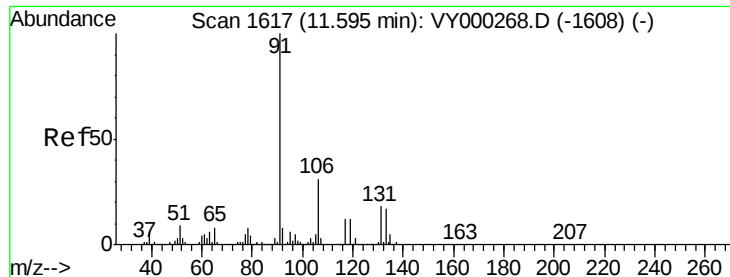


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.938 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

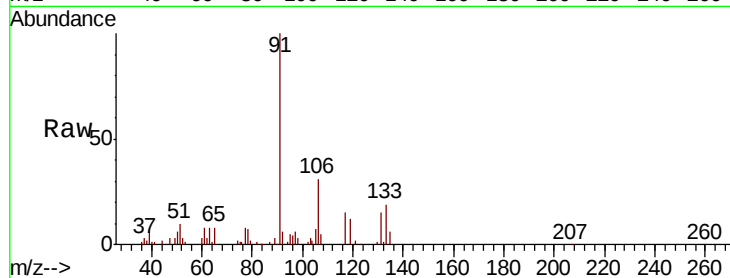
ClientSampleId :

Tot Ion: 91 Resp: 24235

Ion Ratio Lower Upper

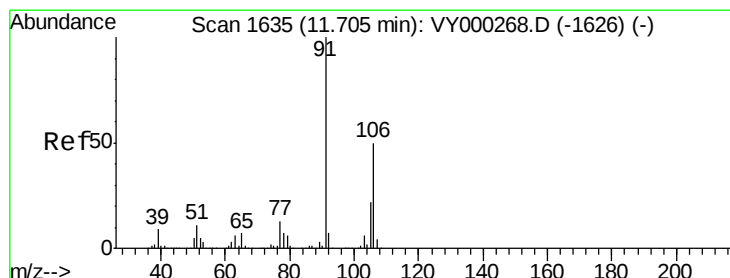
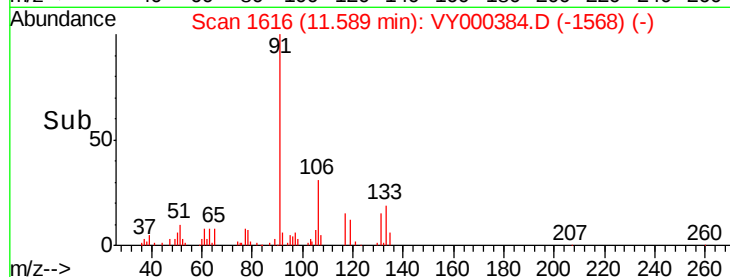
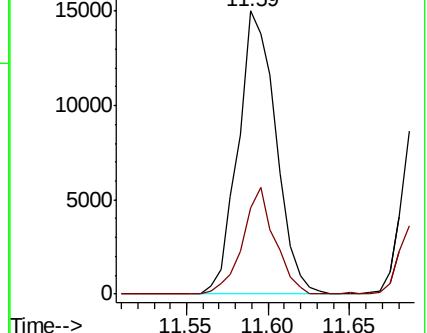
91 100

106 30.6 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY000268.D (-1608) (-)



#68

m/p-Xylenes

Concen: 90.489 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000384.D

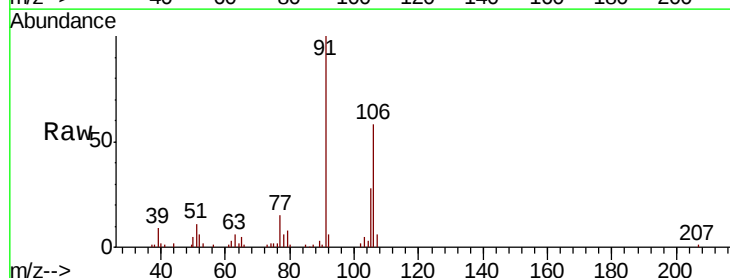
Acq: 23 Oct 2019 16:23

Tgt Ion: 106 Resp: 17488

Ion Ratio Lower Upper

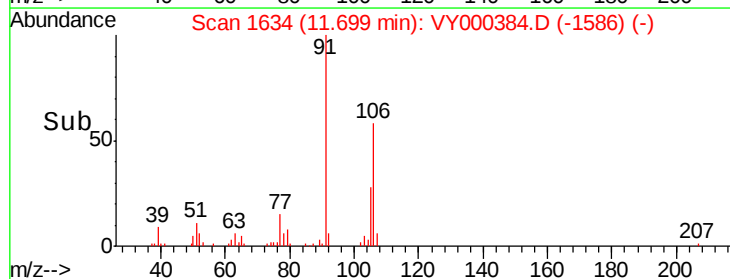
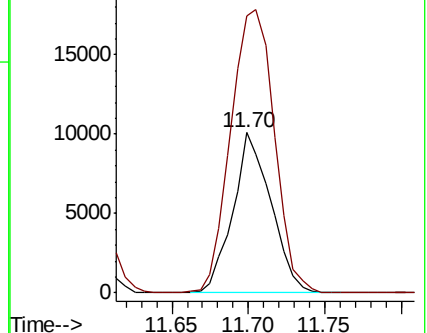
106 100

91 202.0 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VY000268.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY000268.D (-1626) (-)

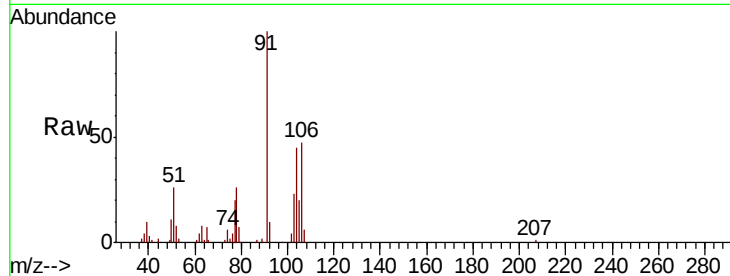




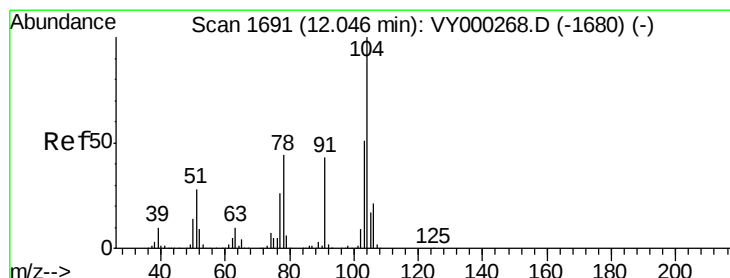
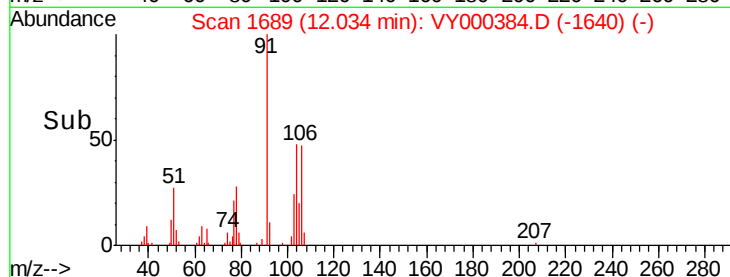
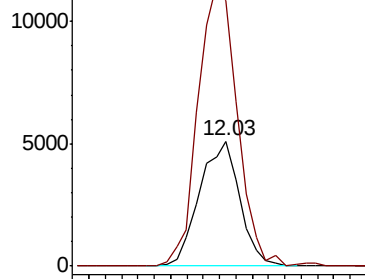
#69
o-Xylene
Concen: 47.433 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 8745
Ion Ratio Lower Upper
106 100
91 219.9 104.7 313.9

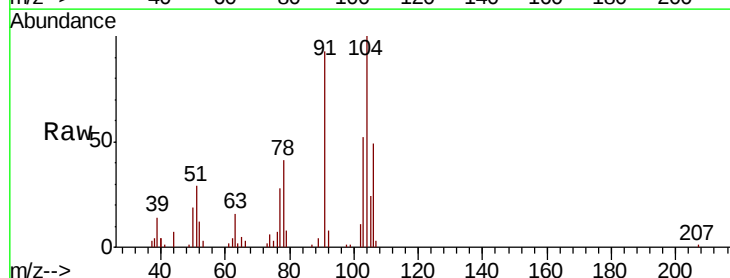


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

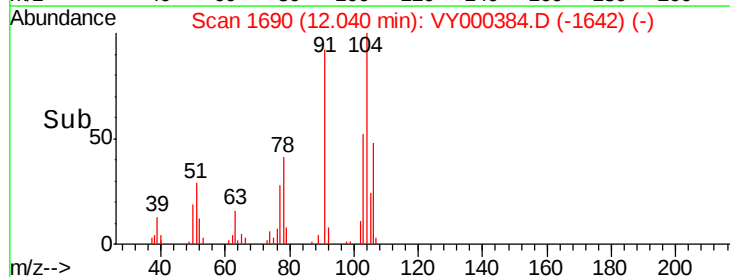
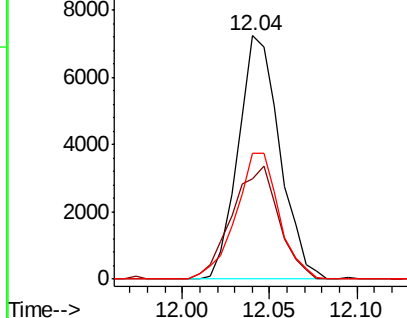


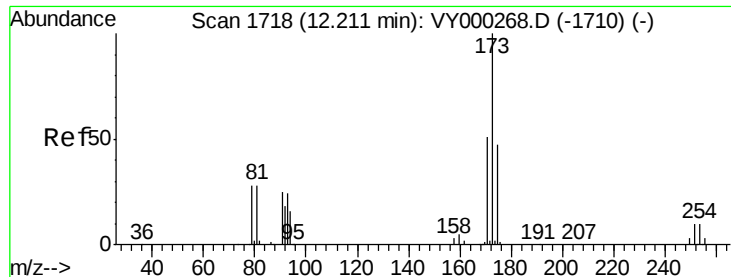
#70
Styrene
Concen: 38.362 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion:104 Resp: 11928
Ion Ratio Lower Upper
104 100
78 52.6 39.0 58.6
103 54.2 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 36.934 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

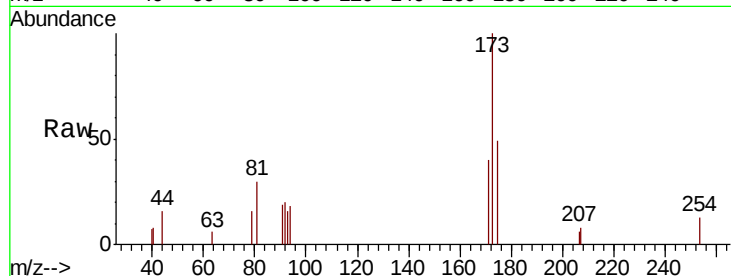
Tot Ion:173 Resp: 2034

Ion Ratio Lower Upper

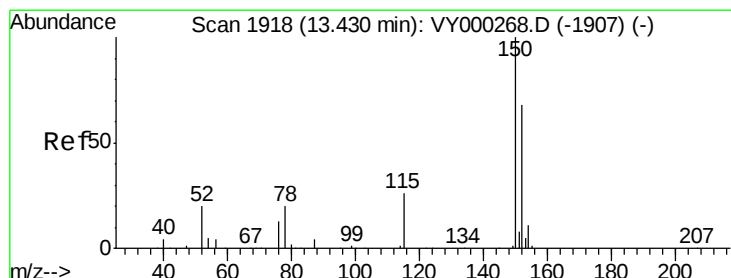
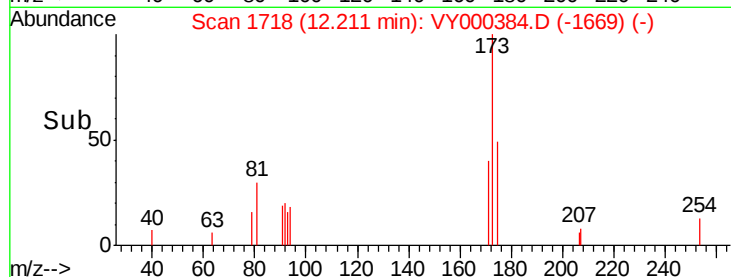
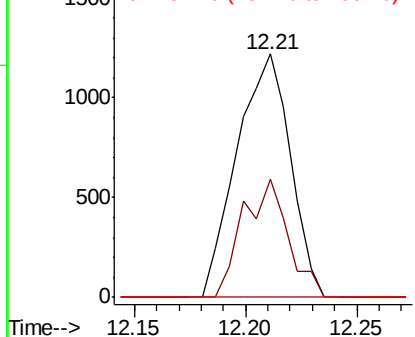
173 100

175 41.2 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

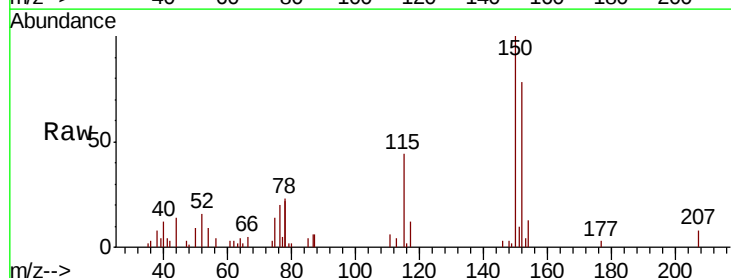
Tgt Ion:152 Resp: 4761

Ion Ratio Lower Upper

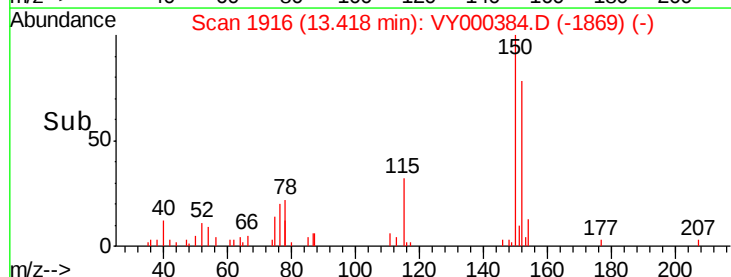
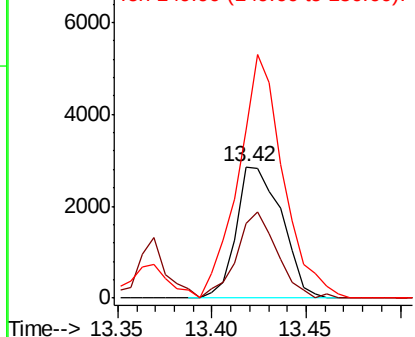
152 100

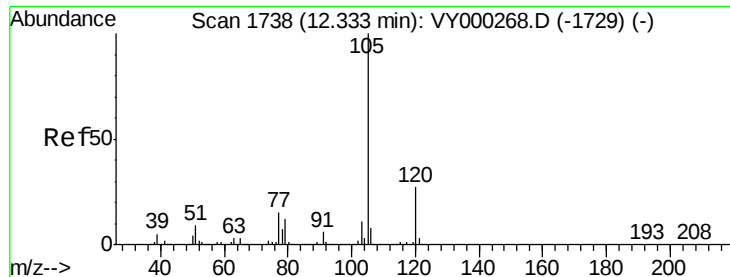
115 59.0 29.3 88.0

150 182.8 0.0 348.4



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





#73

Isopropylbenzene

Concen: 61.934 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

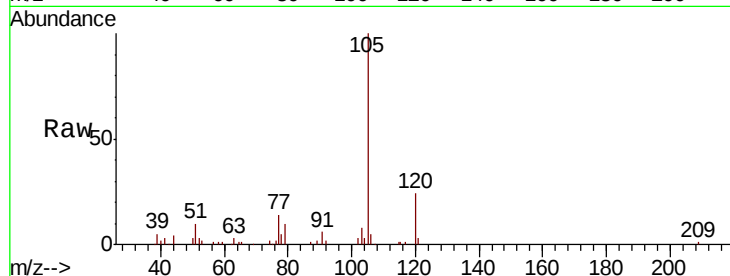
ClientSampleId :

Tot Ion:105 Resp: 22992

Ion Ratio Lower Upper

105 100

120 24.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

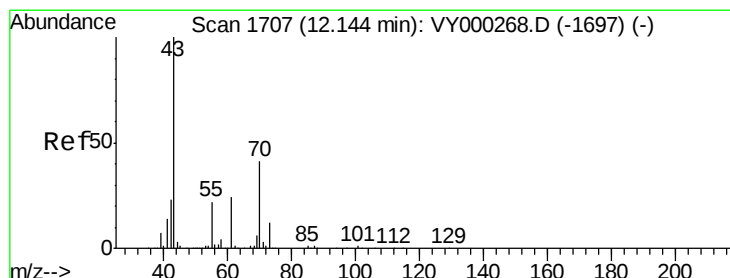
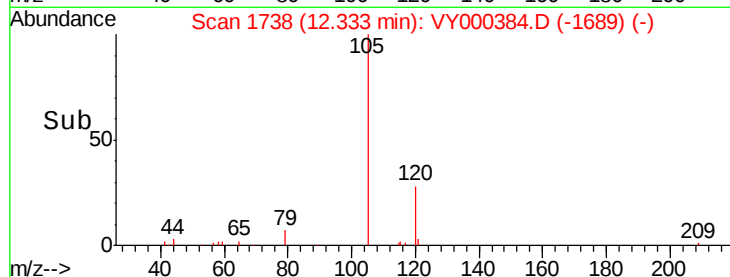
15000

10000

5000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 6.737 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Tgt Ion: 43 Resp: 614

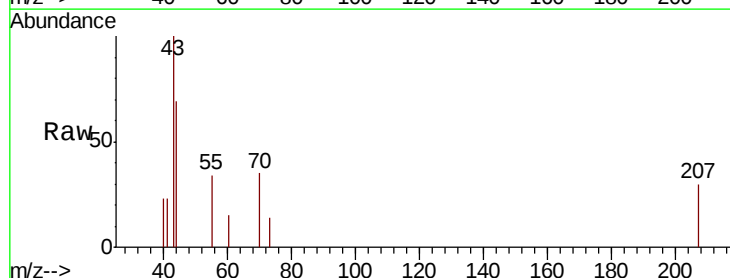
Ion Ratio Lower Upper

43 100

70 34.9 32.9 49.3

55 25.2 17.8 26.6

61 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

600

500

400

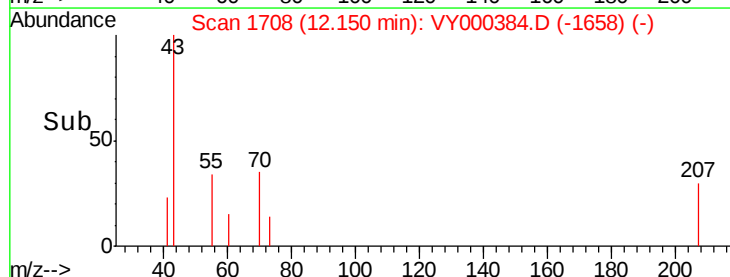
300

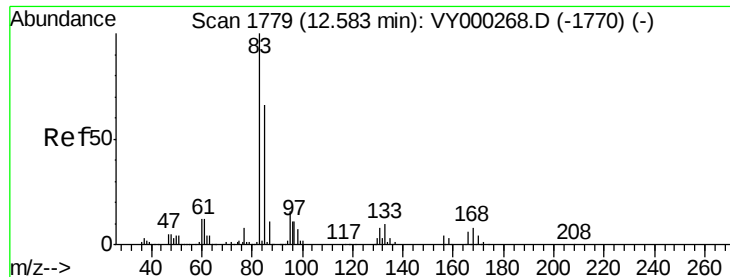
200

100

0

Time--> 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 22.051 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

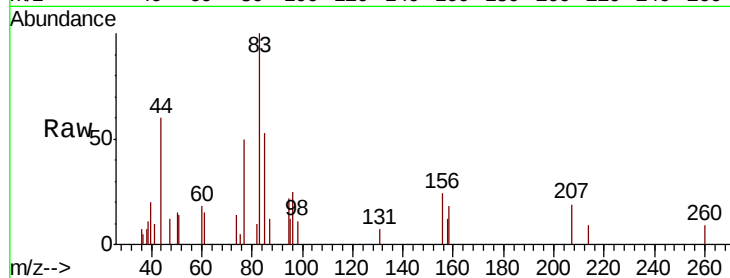
Tot Ion: 83 Resp: 1537

Ion Ratio Lower Upper

83 100

131 7.4 5.3 16.1

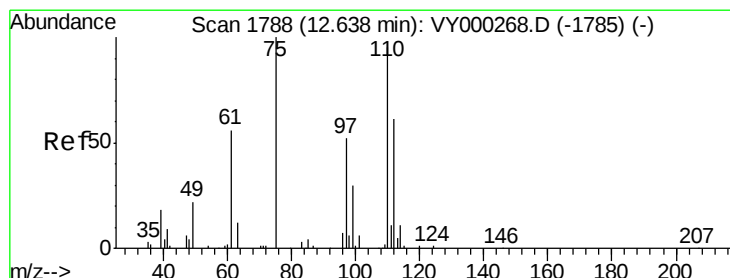
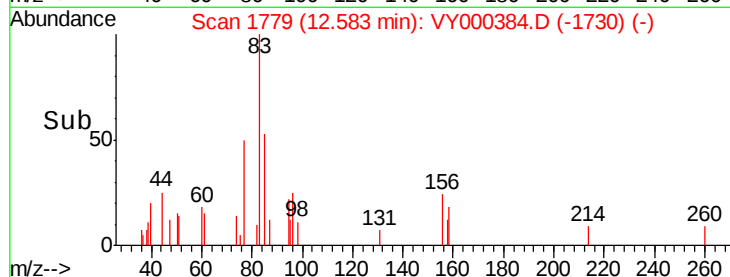
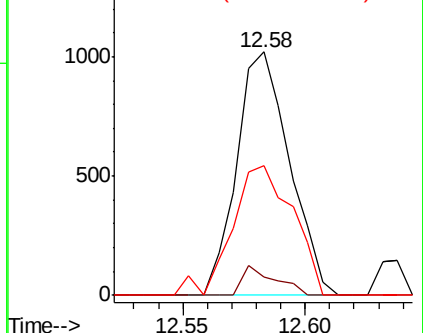
85 61.4 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 94.988 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000384.D

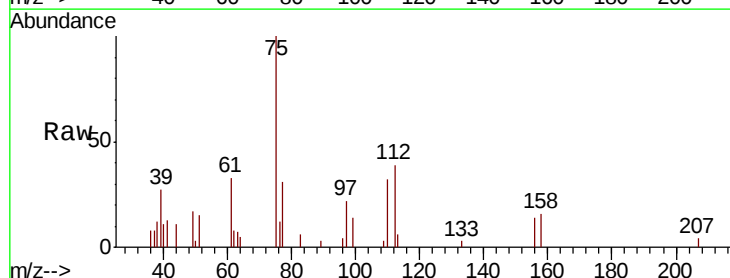
Acq: 23 Oct 2019 16:23

Tgt Ion: 75 Resp: 5561

Ion Ratio Lower Upper

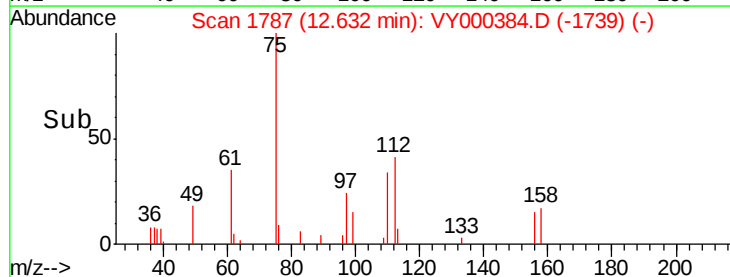
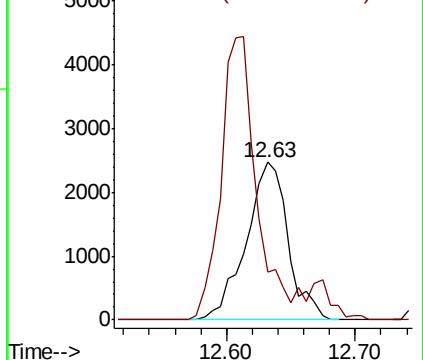
75 100

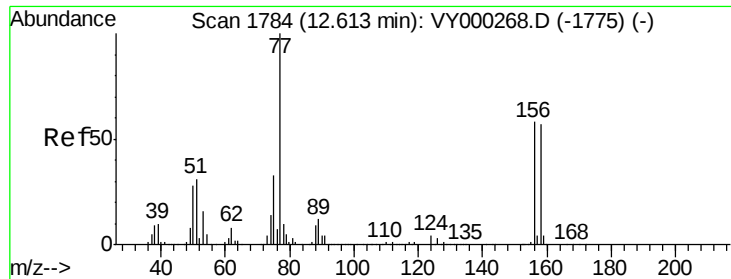
77 152.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 61.483 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

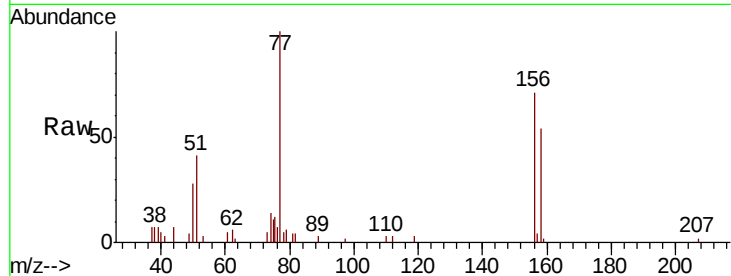
Tot Ion:156 Resp: 5079

Ion Ratio Lower Upper

156 100

77 166.8 101.0 302.9

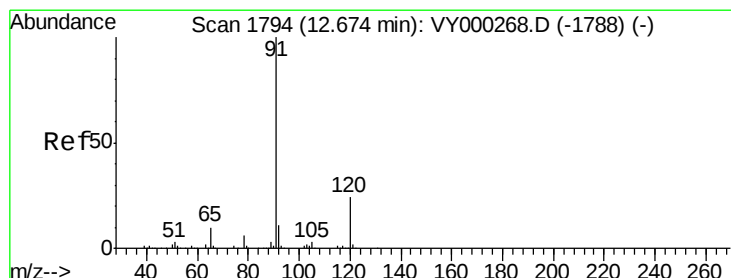
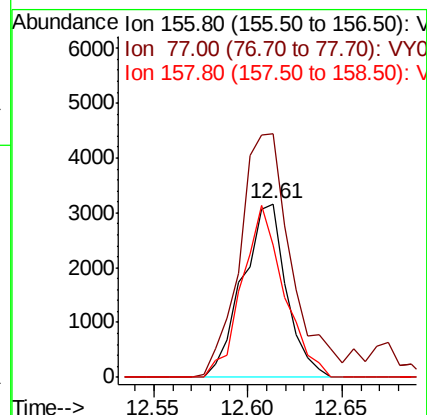
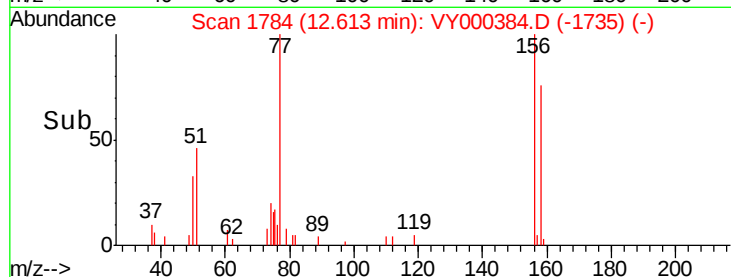
158 95.3 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.543 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000384.D

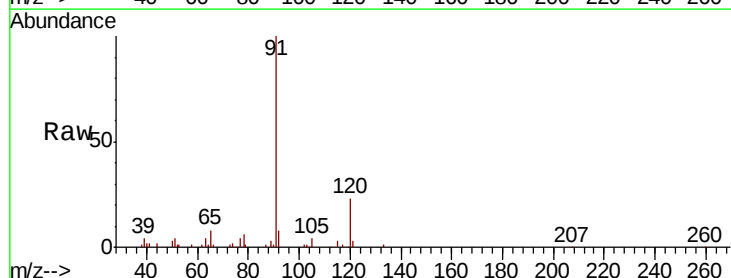
Acq: 23 Oct 2019 16:23

Tgt Ion: 91 Resp: 23865

Ion Ratio Lower Upper

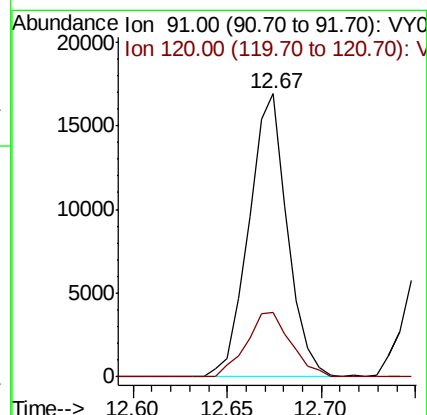
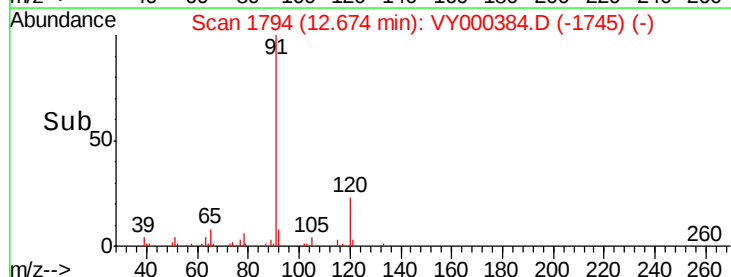
91 100

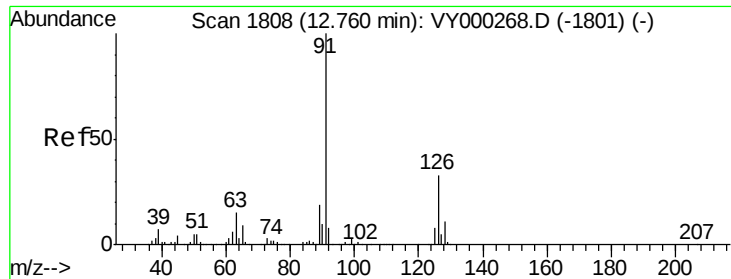
120 26.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.150 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

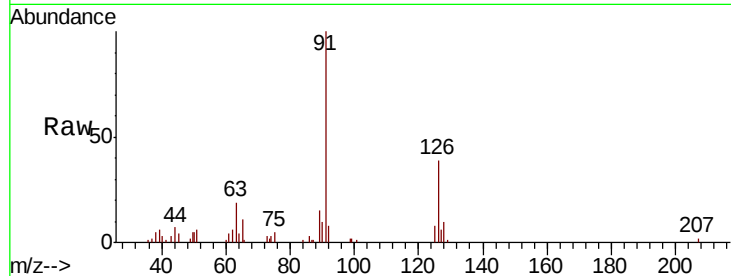
ClientSampleId :

Tot Ion: 91 Resp: 14314

Ion Ratio Lower Upper

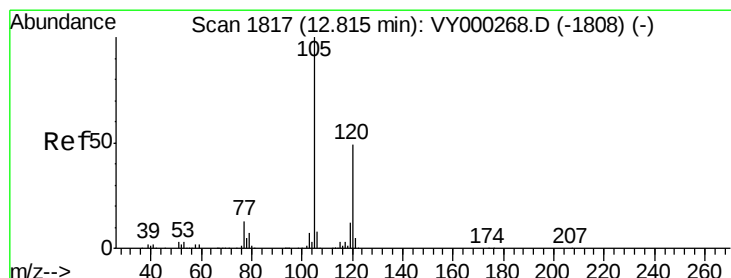
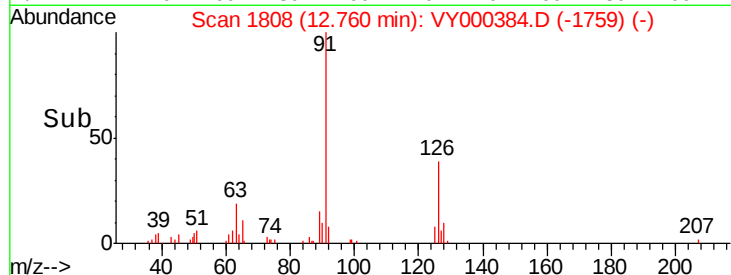
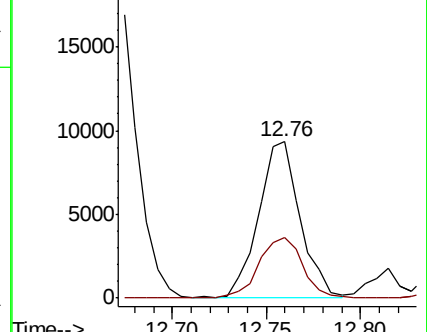
91 100

126 40.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000384.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY000384.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 62.582 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000384.D

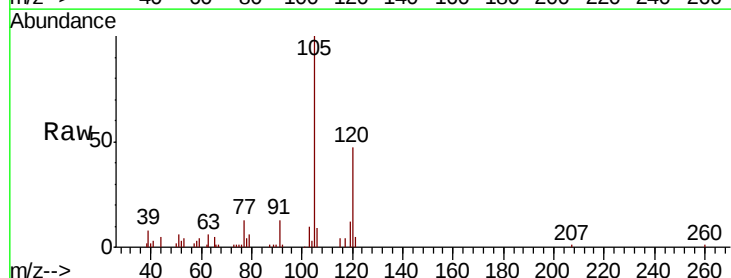
Acq: 23 Oct 2019 16:23

Tgt Ion: 105 Resp: 19481

Ion Ratio Lower Upper

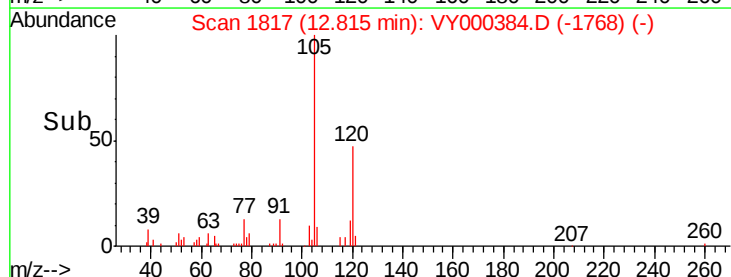
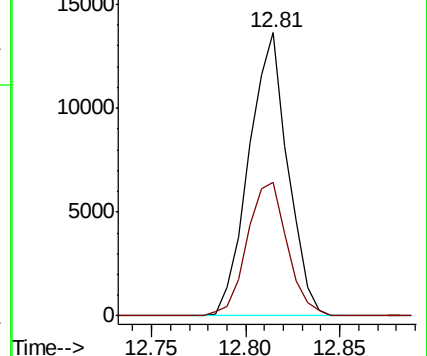
105 100

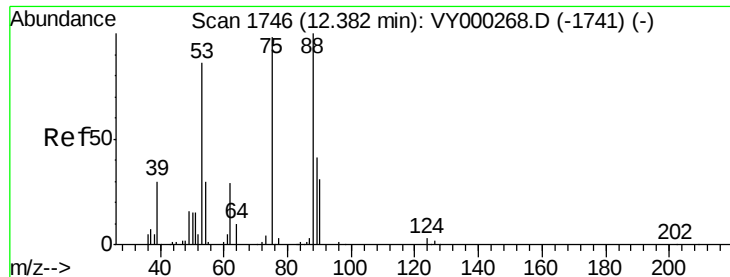
120 48.7 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000384.D (-1768) (-)

Ion 120.00 (119.70 to 120.70): VY000384.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 7.886 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

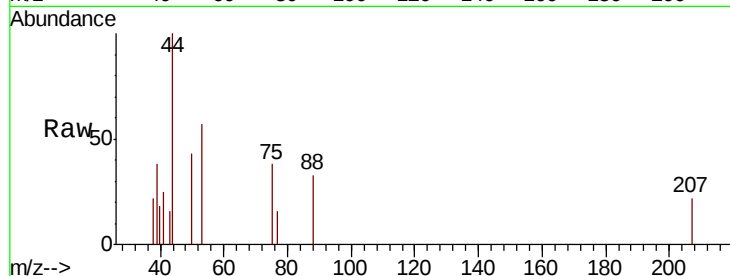
Tot Ion: 75 Resp: 211

Ion Ratio Lower Upper

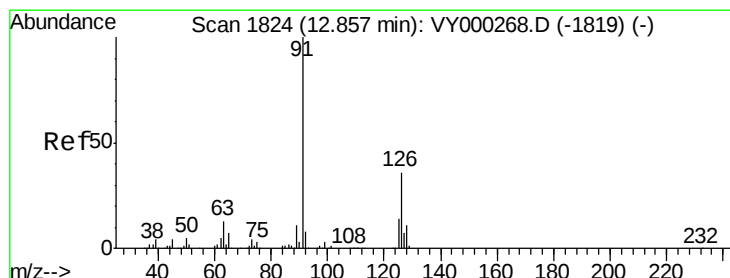
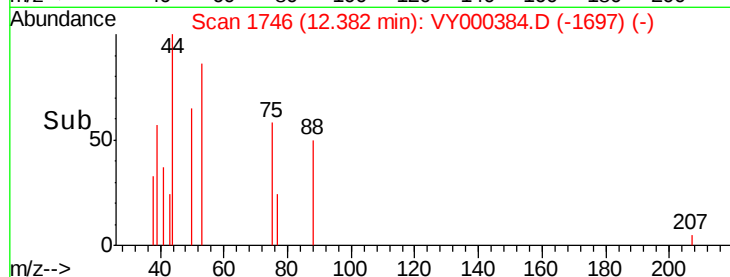
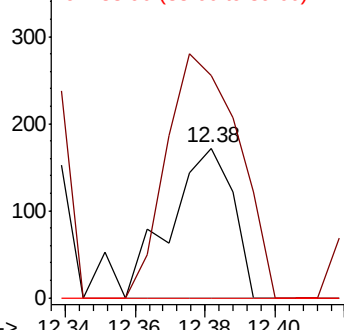
75 100

53 190.5 71.3 106.9#

89 0.0 35.1 52.7#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.249 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000384.D

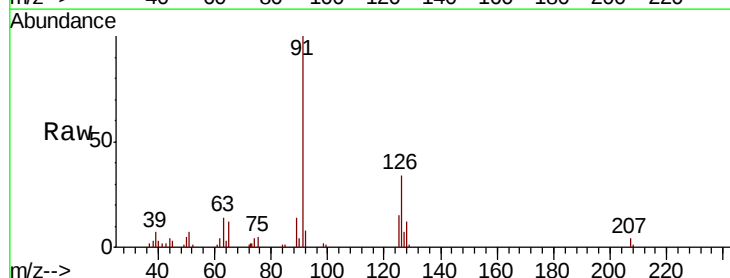
Acq: 23 Oct 2019 16:23

Tgt Ion: 91 Resp: 13335

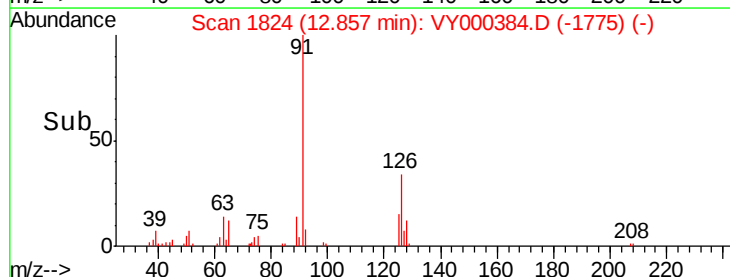
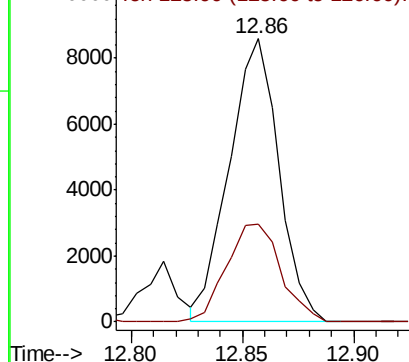
Ion Ratio Lower Upper

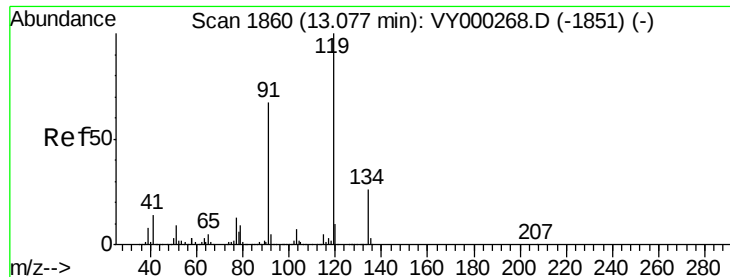
91 100

126 37.8 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

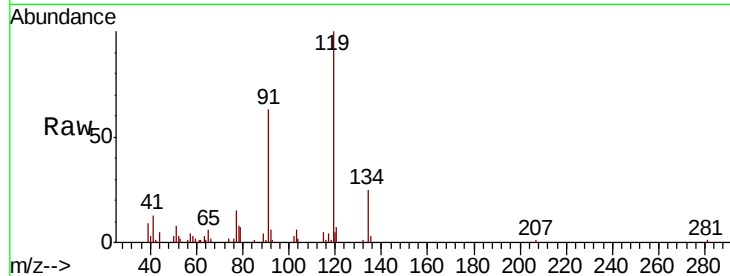




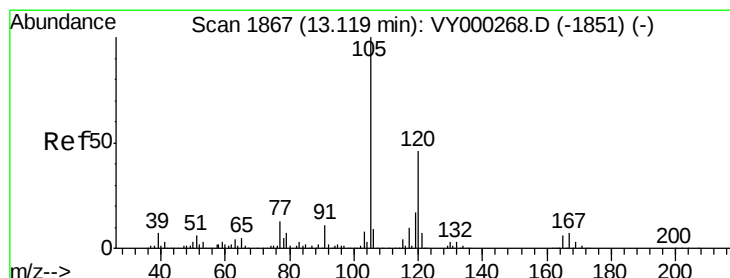
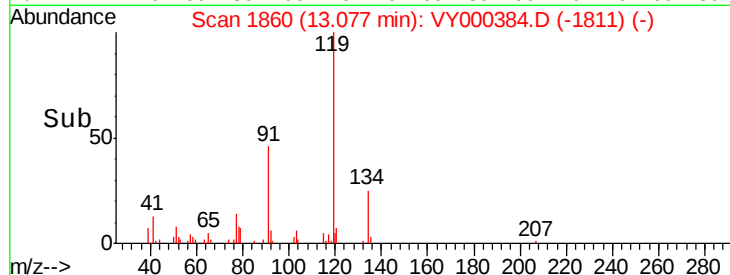
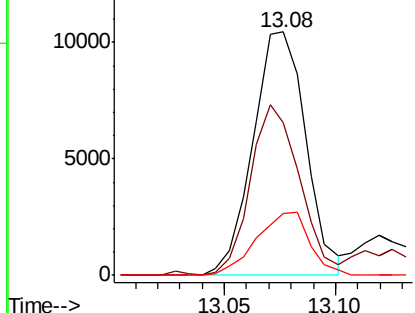
#83
 tert-Butylbenzene
 Concen: 65.612 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 17296
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.9 98.7
 134 26.1 13.3 39.8

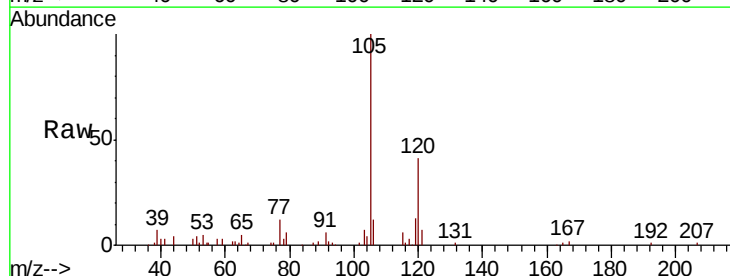


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

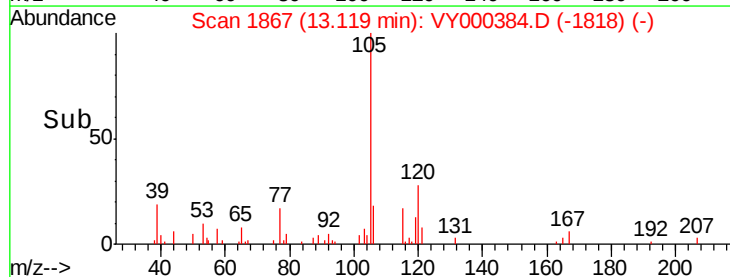
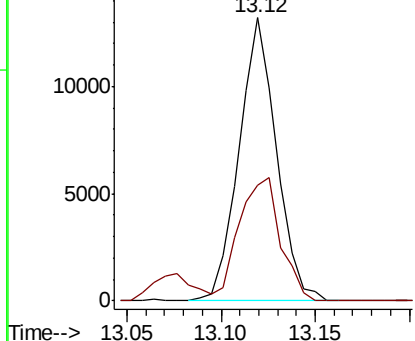


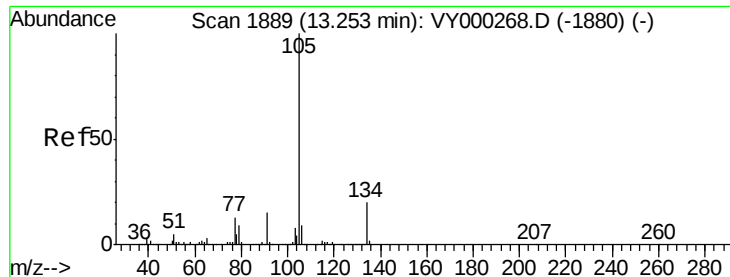
#84
 1,2,4-Trimethylbenzene
 Concen: 58.969 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion:105 Resp: 18117
 Ion Ratio Lower Upper
 105 100
 120 48.0 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 58.855 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

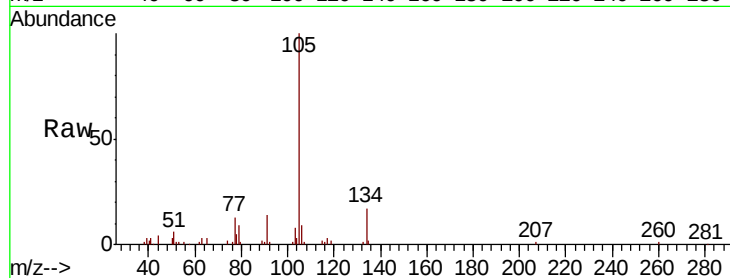
ClientSampleId :

Tot Ion:105 Resp: 22444

Ion Ratio Lower Upper

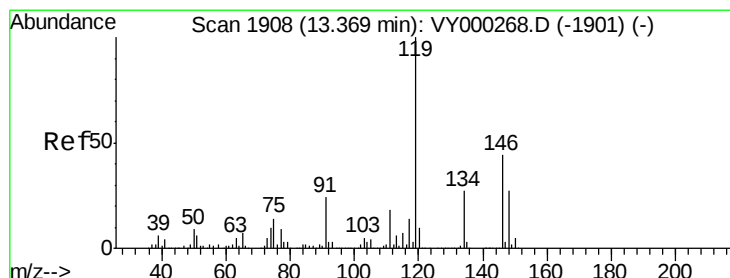
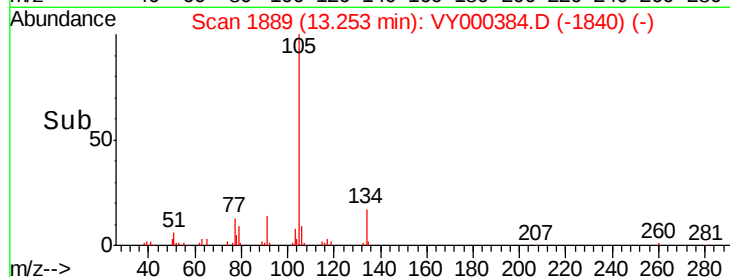
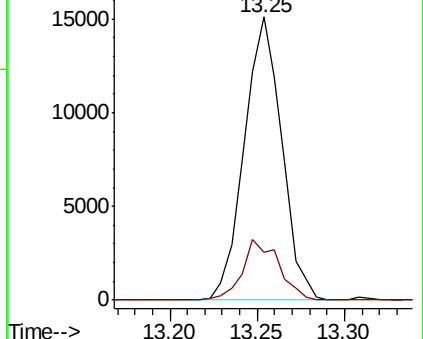
105 100

134 20.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.310 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

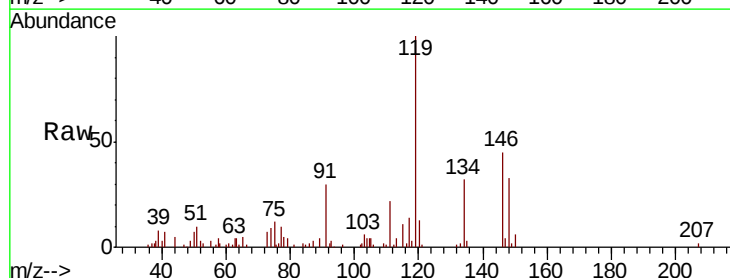
Tgt Ion:119 Resp: 18056

Ion Ratio Lower Upper

119 100

134 27.7 13.6 40.8

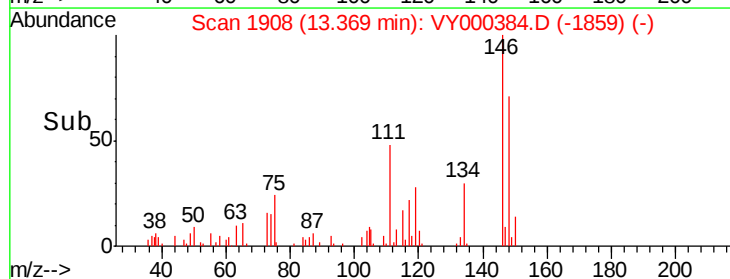
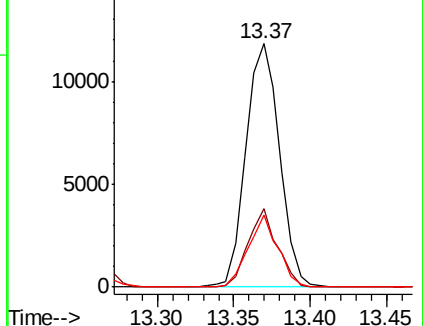
91 25.9 12.0 36.1

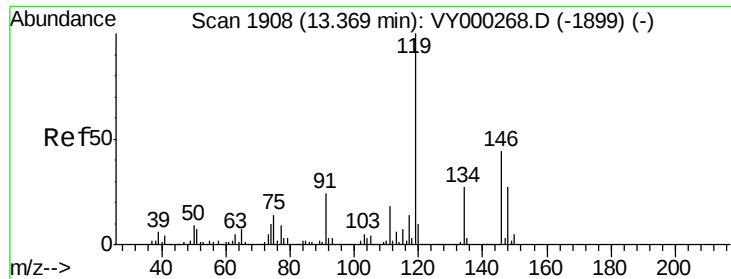


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

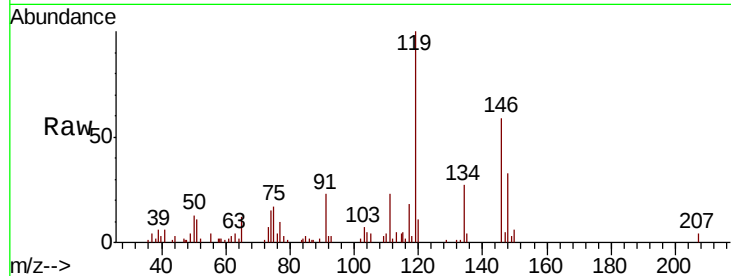




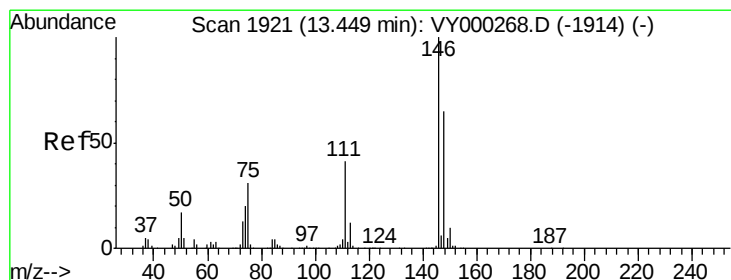
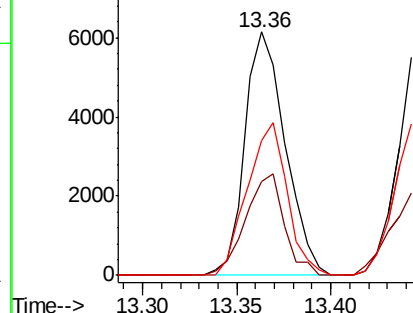
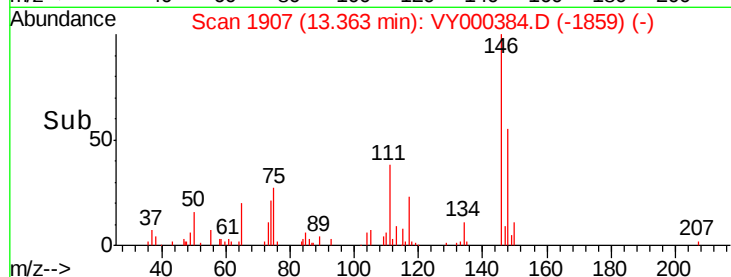
#87
 1,3-Dichlorobenzene
 Concen: 56.163 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 9141
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.6 61.8
 148 61.8 31.9 95.5

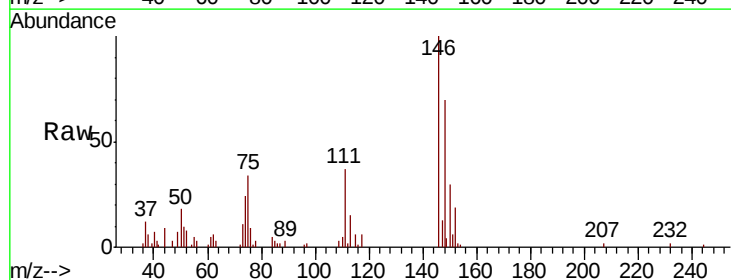


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

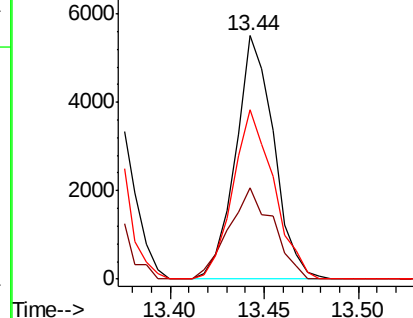
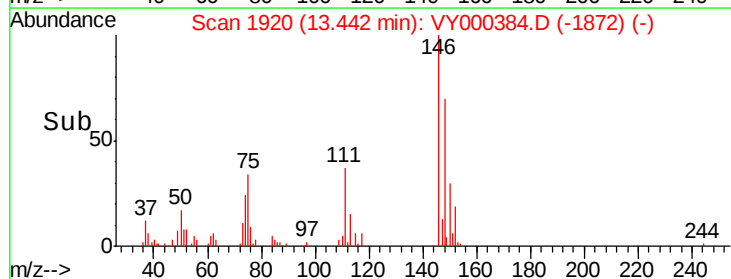


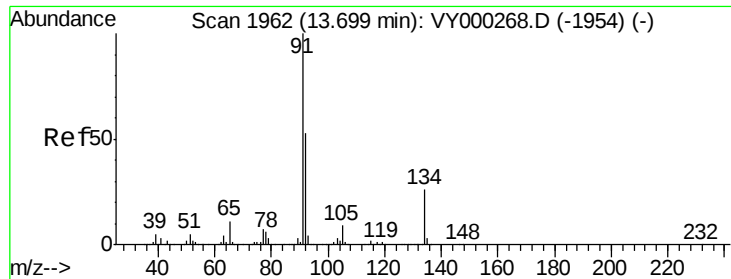
#88
 1,4-Dichlorobenzene
 Concen: 47.553 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion:146 Resp: 7736
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.1 60.2
 148 74.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

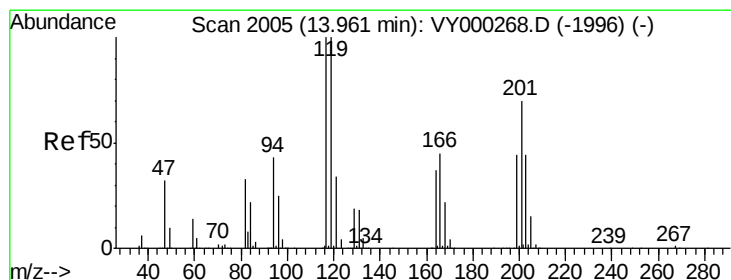
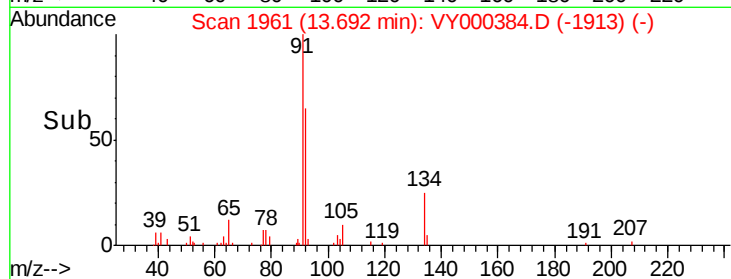
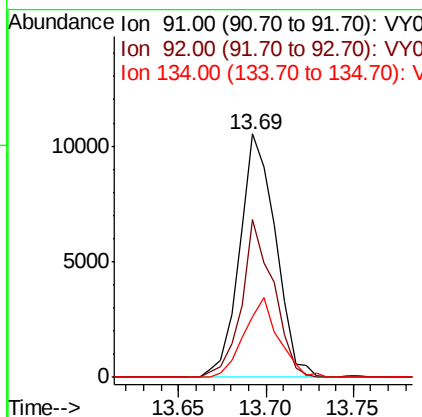
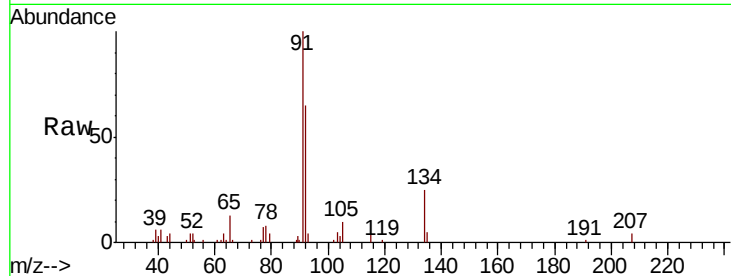




#89
n-Butylbenzene
Concen: 45.568 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

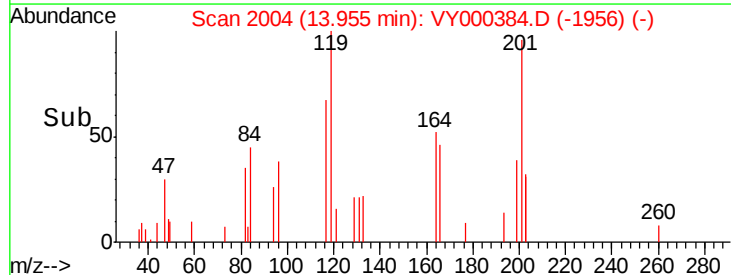
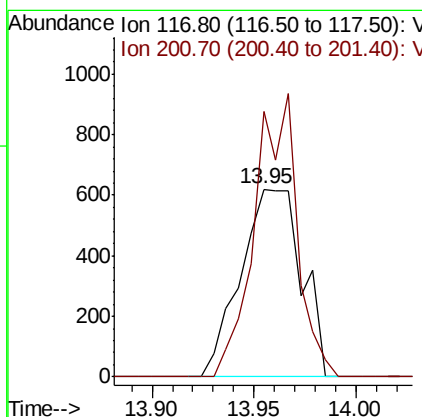
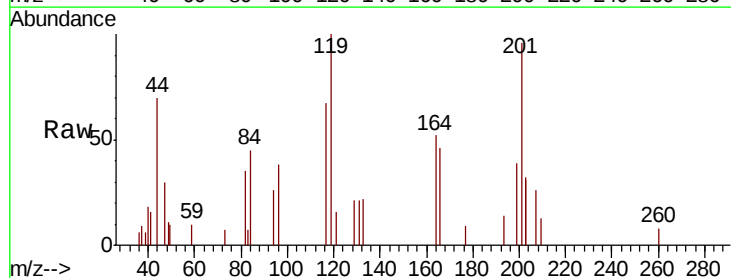
Instrument :
MSVOA_Y
ClientSampleId :

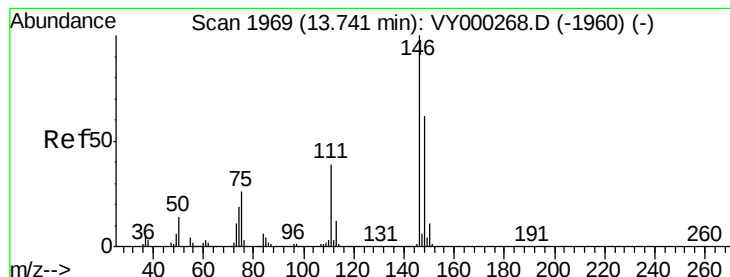
Tot Ion: 91 Resp: 14971
Ion Ratio Lower Upper
91 100
92 57.6 26.7 80.1
134 31.0 13.0 38.9



#90
Hexachloroethane
Concen: 21.035 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion: 117 Resp: 1295
Ion Ratio Lower Upper
117 100
201 104.5 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 59.255 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampled :

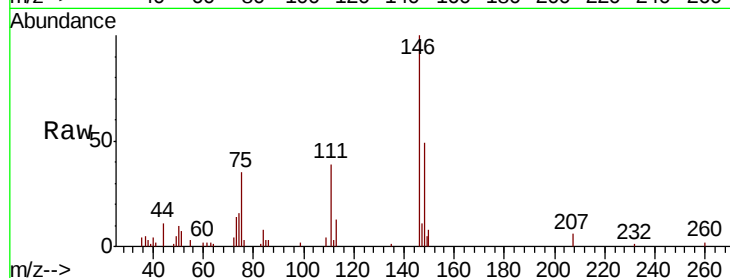
Tot Ion:146 Resp: 8728

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.5

148 61.4 31.6 95.0

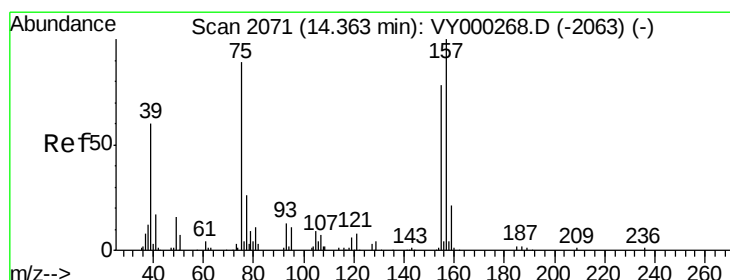
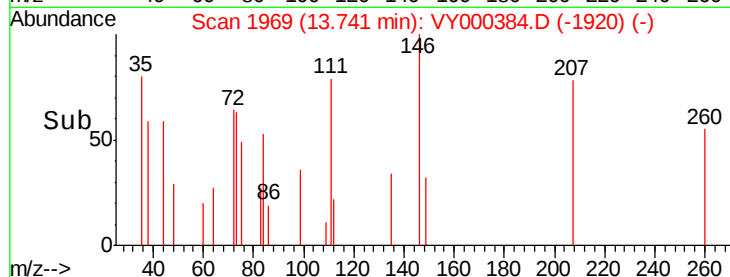
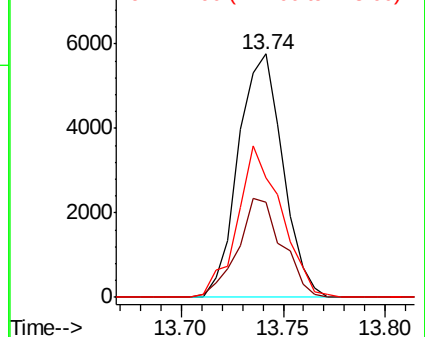


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.591 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY000384.D

Acq: 23 Oct 2019 16:23

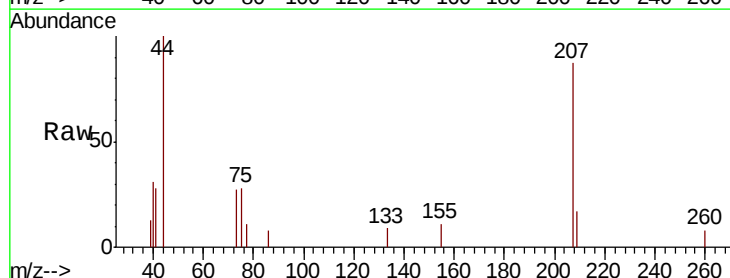
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

155 89.3 45.8 137.3

157 0.0 55.6 166.9#

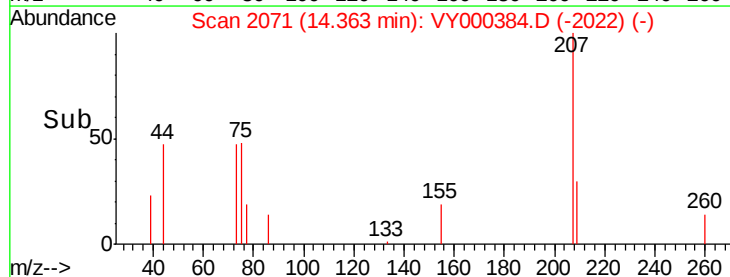
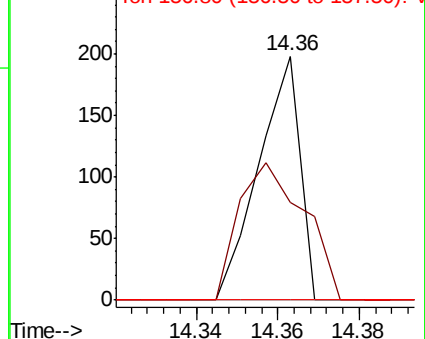


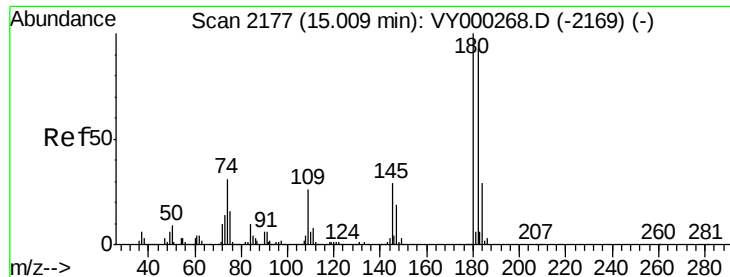
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

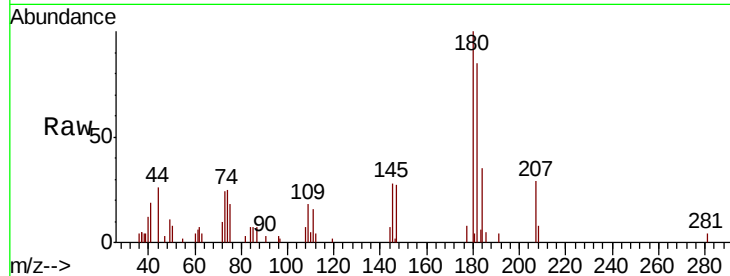




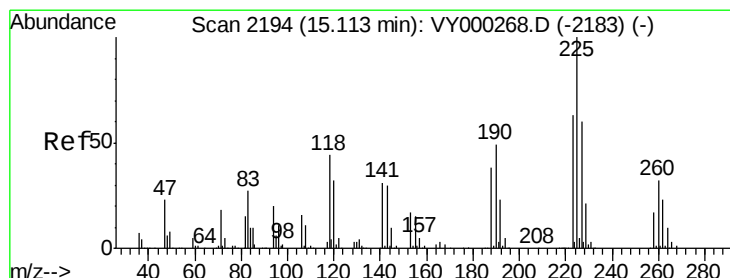
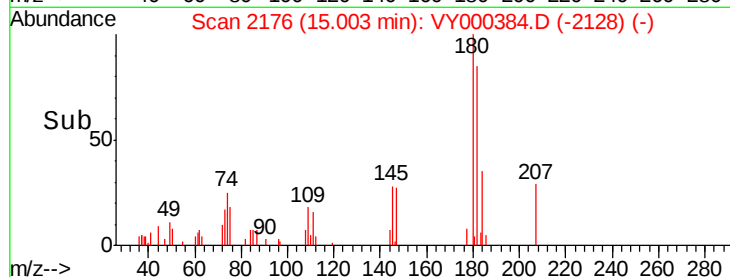
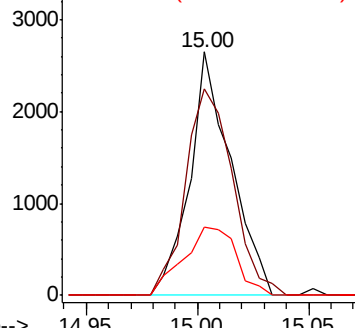
#93
 1,2,4-Trichlorobenzene
 Concen: 33.290 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 3414
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.5 142.6
 145 35.8 15.4 46.1

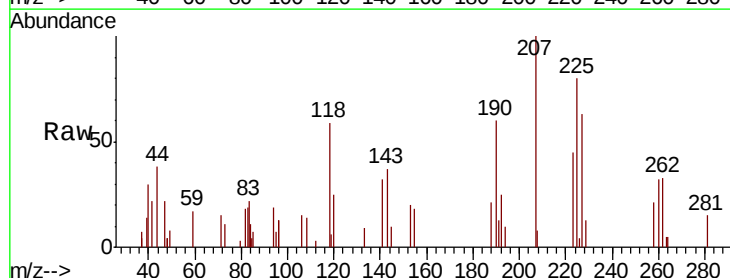


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

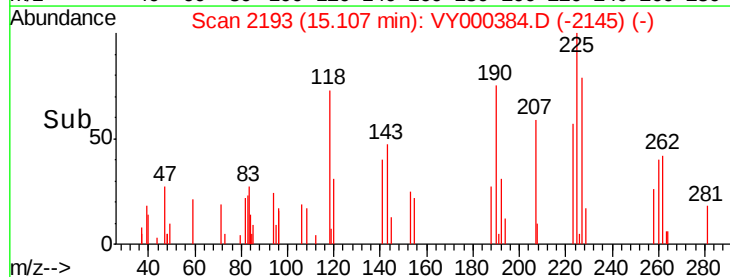
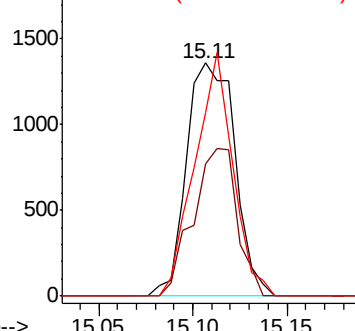


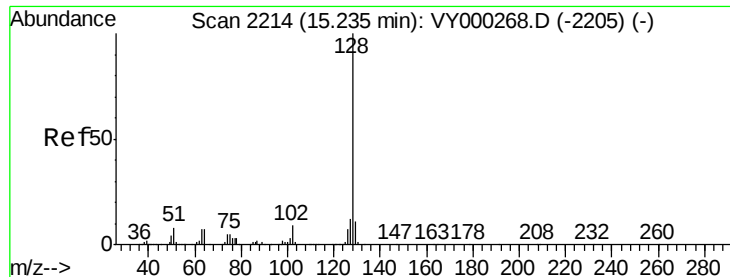
#94
 Hexachlorobutadiene
 Concen: 43.605 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000384.D
 Acq: 23 Oct 2019 16:23

Tgt Ion:225 Resp: 2420
 Ion Ratio Lower Upper
 225 100
 223 57.6 31.9 95.7
 227 82.0 31.4 94.2



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

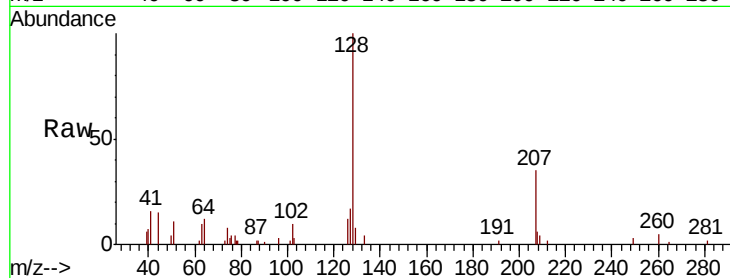




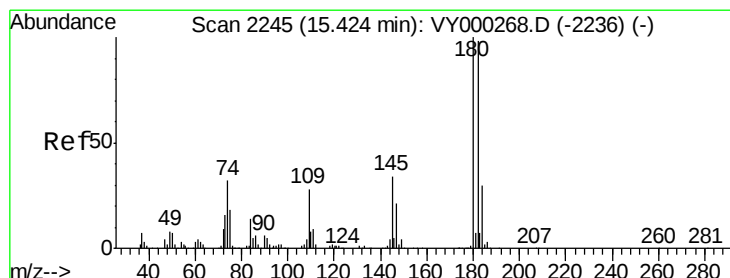
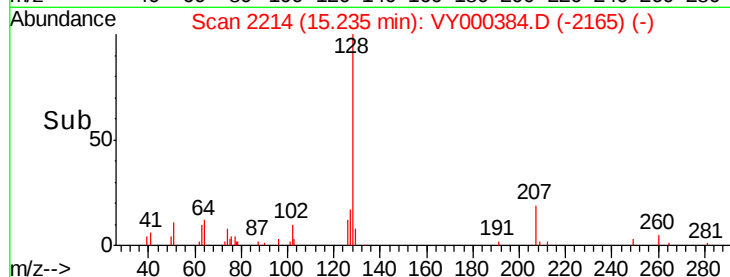
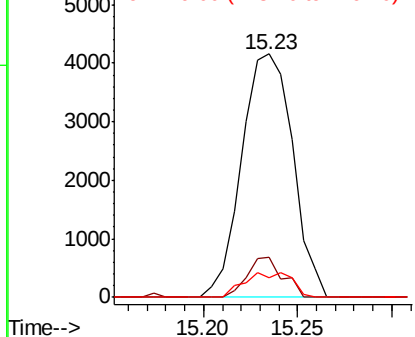
#95
Naphthalene
Concen: 34.052 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 7793
Ion Ratio Lower Upper
128 100
127 11.5 9.6 14.4
129 9.6 8.7 13.1

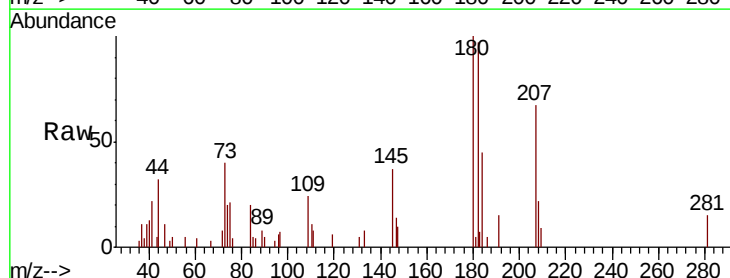


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 34.958 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000384.D
Acq: 23 Oct 2019 16:23

Tgt Ion:180 Resp: 3231
Ion Ratio Lower Upper
180 100
182 83.8 46.5 139.5
145 36.9 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

