

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000517.D
 Acq On : 01 Nov 2019 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:16:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	231533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	386375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	128183	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
35) Dibromofluoromethane	7.73	113	114973	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.19	98	473164	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.48	95	169488	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	117502	51.554	ug/l	98
3) Chloromethane	2.12	50	154675	49.264	ug/l	96
4) Vinyl Chloride	2.26	62	143852	49.338	ug/l	99
5) Bromomethane	2.65	94	91349	52.247	ug/l	94
6) Chloroethane	2.80	64	91461	50.122	ug/l	99
7) Trichlorofluoromethane	3.13	101	205159	52.104	ug/l	99
8) Diethyl Ether	3.54	74	70022	50.048	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	122198	51.333	ug/l	98
10) Methyl Iodide	4.10	142	153025	48.912	ug/l	100
11) Tert butyl alcohol	4.97	59	46313	198.562	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	123125	53.237	ug/l	98
13) Acrolein	3.74	56	51162	251.823	ug/l	95
14) Allyl chloride	4.49	41	197359	52.480	ug/l	98
15) Acrylonitrile	5.18	53	166249	231.962	ug/l	99
16) Acetone	3.96	43	178753	270.681	ug/l	100
17) Carbon Disulfide	4.20	76	374156	51.293	ug/l	99
18) Methyl Acetate	4.49	43	94978	46.255	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	322016	50.078	ug/l	98
20) Methylene Chloride	4.73	84	136581	48.267	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	134093	51.285	ug/l	97
22) Diisopropyl ether	6.13	45	432430	52.903	ug/l	95
23) Vinyl Acetate	6.07	43	1289644	249.937	ug/l	98
24) 1,1-Dichloroethane	6.03	63	230532	52.060	ug/l	99
25) 2-Butanone	7.00	43	266124	252.507	ug/l	100
26) 2,2-Dichloropropane	7.00	77	206939	51.137	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	150493	52.638	ug/l	99
28) Bromochloromethane	7.35	49	106776	52.636	ug/l	96
29) Tetrahydrofuran	7.36	42	147388	228.596	ug/l	99
30) Chloroform	7.52	83	234813	52.418	ug/l	100
31) Cyclohexane	7.79	56	229942	49.578	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	209006	52.352	ug/l	99
36) 1,1-Dichloropropene	7.93	75	188231	51.533	ug/l	99
37) Ethyl Acetate	7.09	43	103114	47.550	ug/l	99
38) Carbon Tetrachloride	7.91	117	186316	53.012	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	238986	50.645	ug/l	98
40) Benzene	8.17	78	549572	51.321	ug/l	99
41) Methacrylonitrile	7.36	41	138435	114.432	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	159069	52.373	ug/l	99
43) Isopropyl Acetate	8.28	43	194298	47.696	ug/l	99
44) Trichloroethene	8.95	130	147794	52.345	ug/l	92
45) 1,2-Dichloropropane	9.22	63	135378	51.366	ug/l	93
46) Dibromomethane	9.31	93	73467	50.685	ug/l	99
47) Bromodichloromethane	9.50	83	183666	53.402	ug/l	97
48) Methyl methacrylate	9.30	41	88644	49.803	ug/l	96
49) 1,4-Dioxane	9.31	88	18298	937.989	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	510180	235.555	ug/l	100
52) Toluene	10.25	92	355715	52.540	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	194184	52.841	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	220872	52.464	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	105605	50.372	ug/l	94
56) Ethyl methacrylate	10.52	69	151341	50.932	ug/l	98
57) 1,3-Dichloropropane	10.79	76	188754	51.442	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	320220	238.375	ug/l	99
59) 2-Hexanone	10.83	43	403527	255.715	ug/l	100
60) Dibromochloromethane	10.99	129	125777	52.377	ug/l	99
61) 1,2-Dibromoethane	11.09	107	101211	50.210	ug/l	96
64) Tetrachloroethene	10.72	164	143947	49.831	ug/l	99
65) Chlorobenzene	11.52	112	373728	52.764	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	131941	53.711	ug/l	99
67) Ethyl Benzene	11.60	91	686169	52.637	ug/l	100
68) m/p-Xylenes	11.70	106	529248	104.898	ug/l	98
69) o-Xylene	12.03	106	248813	52.473	ug/l	98
70) Styrene	12.05	104	430525	53.023	ug/l	100
71) Bromoform	12.21	173	74371	52.637	ug/l #	100
73) Isopropylbenzene	12.33	105	675544	52.067	ug/l	99
74) N-amyl acetate	12.14	43	186994	50.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125028	48.669	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	173265	86.681	ug/l #	100
77) Bromobenzene	12.61	156	150679	51.213	ug/l	99
78) n-propylbenzene	12.67	91	816708	52.170	ug/l	100
79) 2-Chlorotoluene	12.76	91	456842	52.566	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	567066	52.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43602	48.908	ug/l	99
82) 4-Chlorotoluene	12.86	91	482206	53.526	ug/l	98
83) tert-Butylbenzene	13.08	119	475789	51.568	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	567566	52.753	ug/l	99
85) sec-Butylbenzene	13.25	105	685804	52.172	ug/l	99
86) p-Isopropyltoluene	13.37	119	613694	52.383	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	301226	52.270	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	299725	52.047	ug/l	99
89) n-Butylbenzene	13.70	91	607223	52.551	ug/l	100
90) Hexachloroethane	13.96	117	116680	53.873	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	269710	51.582	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21077	46.358	ug/l	99

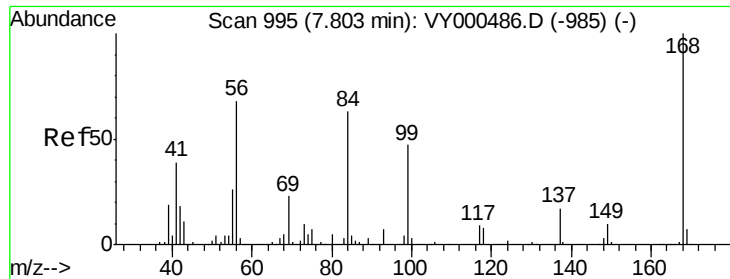
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	183094	51.427	ug/l	98
94) Hexachlorobutadiene	15.11	225	92315	50.302	ug/l	99
95) Naphthalene	15.23	128	377283	47.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	160805	50.344	ug/l	99

(#) = 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: VY000517.D

Acq: 01 Nov 2019 10:54

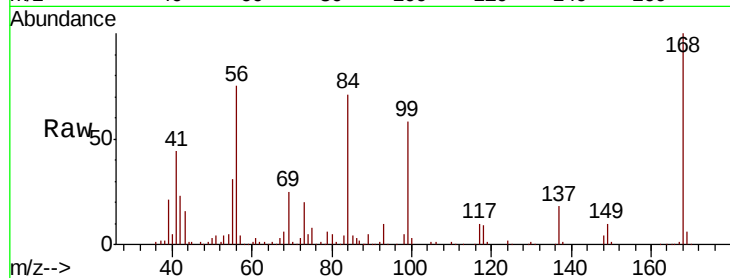
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 231533

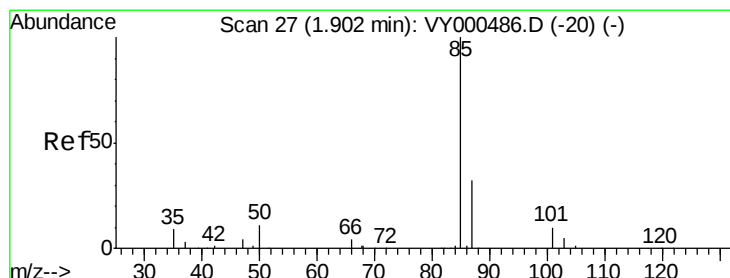
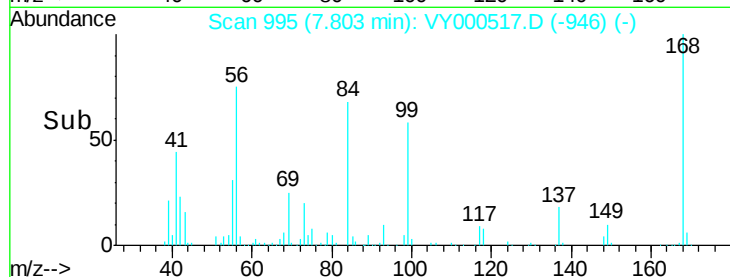
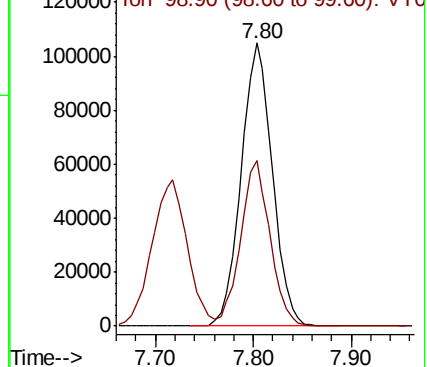
Ion Ratio Lower Upper

168 100

99 58.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000517.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 51.554 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000517.D

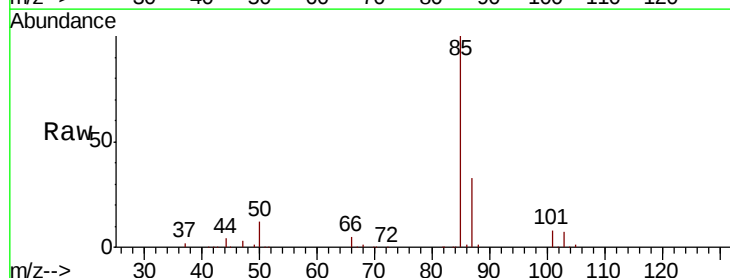
Acq: 01 Nov 2019 10:54

Tgt Ion: 85 Resp: 117502

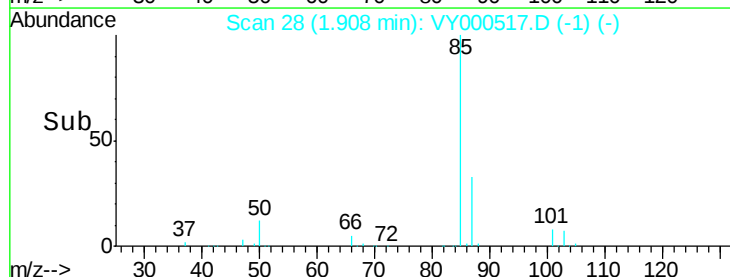
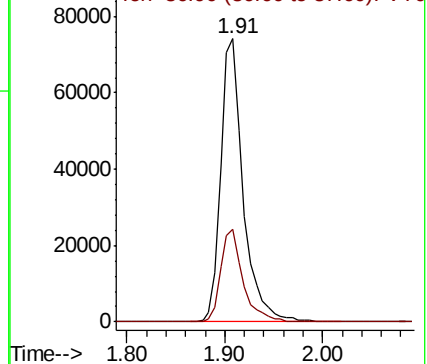
Ion Ratio Lower Upper

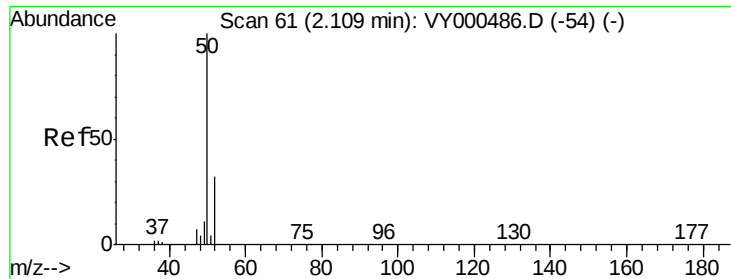
85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000517.D (-1) (-)





#3

Chloromethane

Concen: 49.264 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

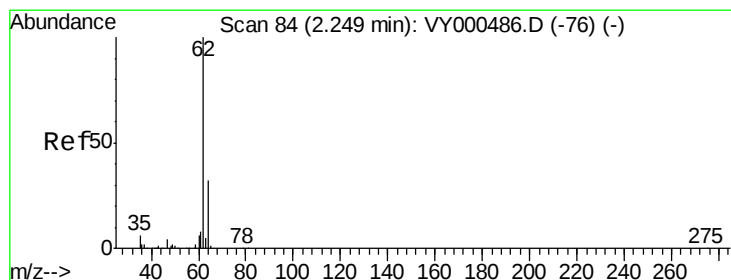
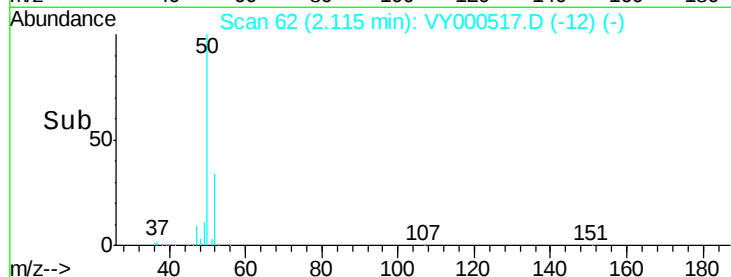
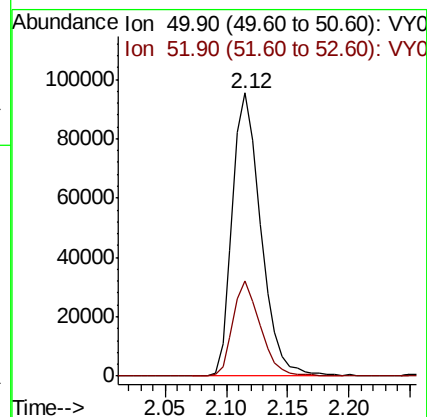
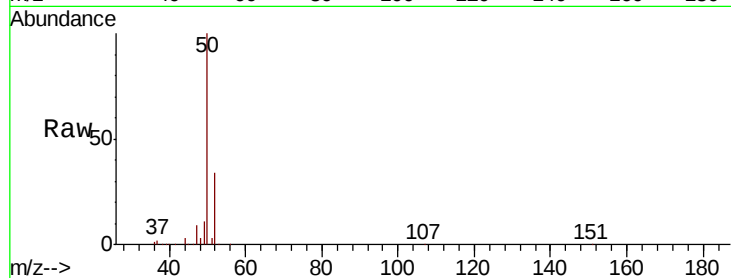
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 154675

Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8



#4

Vinyl Chloride

Concen: 49.338 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000517.D

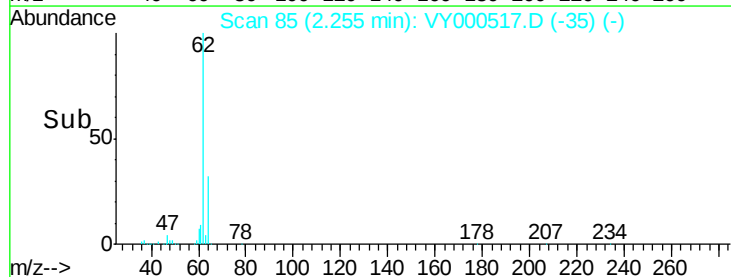
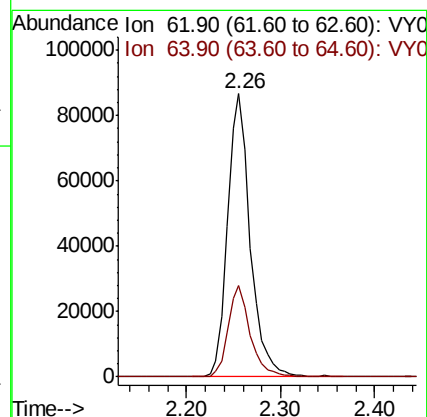
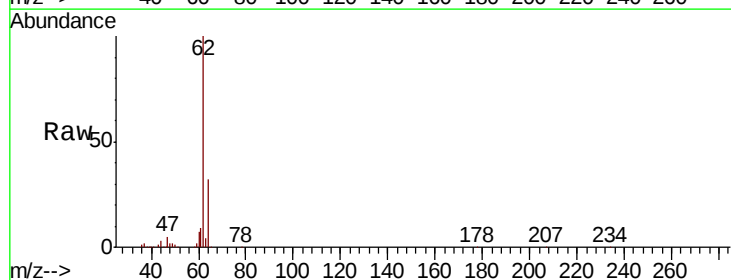
Acq: 01 Nov 2019 10:54

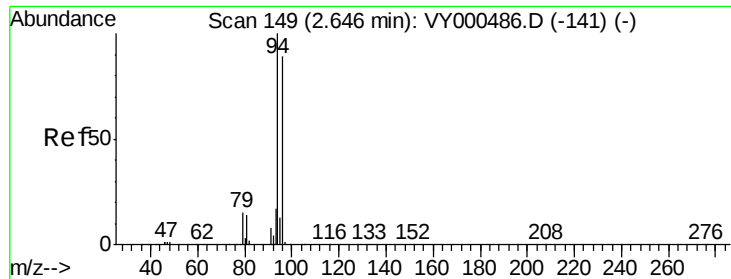
Tgt Ion: 62 Resp: 143852

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 52.247 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

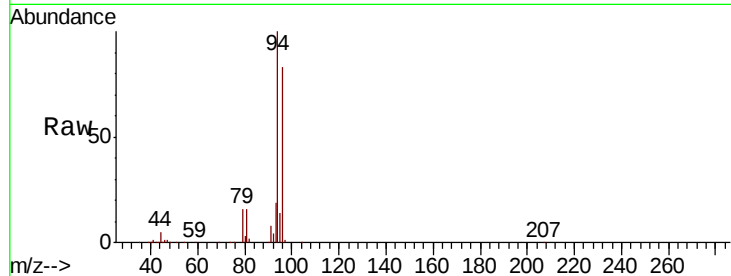
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 91349

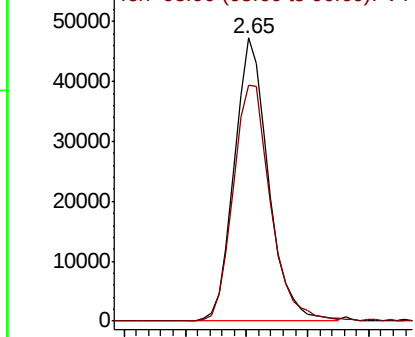
Ion Ratio Lower Upper

94 100

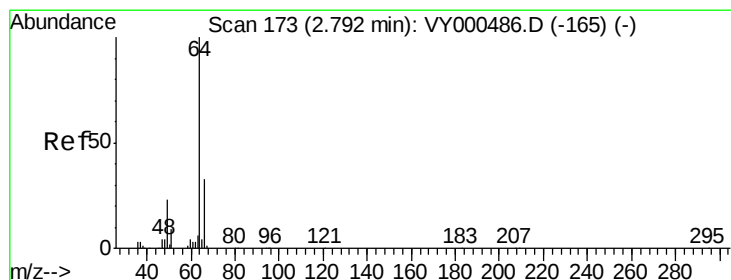
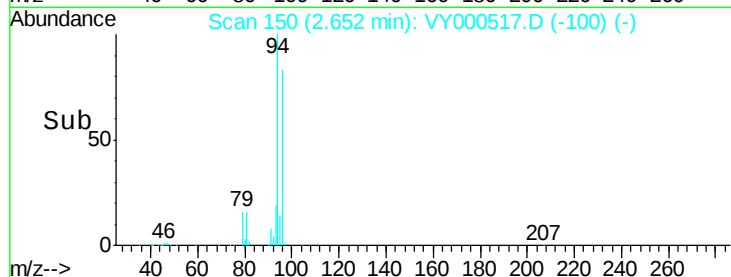
96 83.3 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



Time--> 2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 50.122 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000517.D

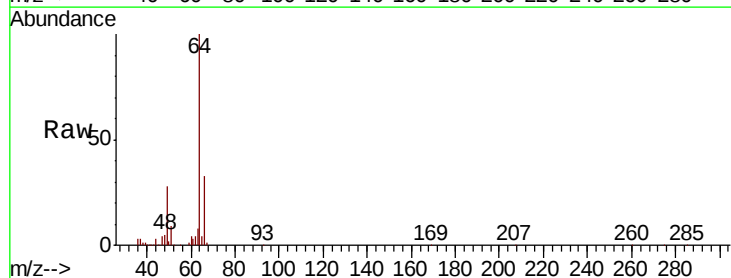
Acq: 01 Nov 2019 10:54

Tgt Ion: 64 Resp: 91461

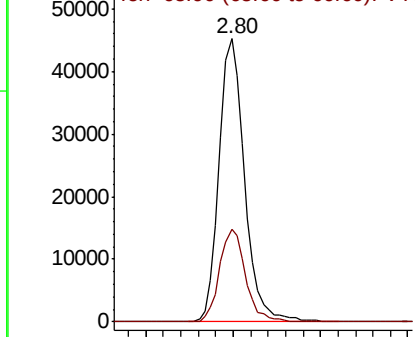
Ion Ratio Lower Upper

64 100

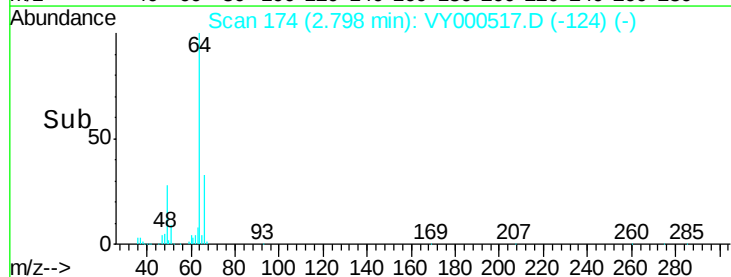
66 32.9 26.6 40.0

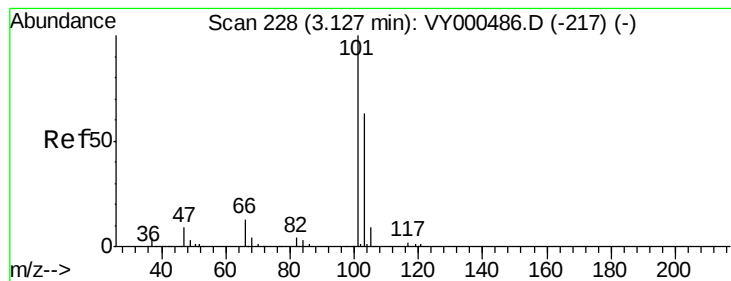


Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



Time--> 2.70 2.80 2.90



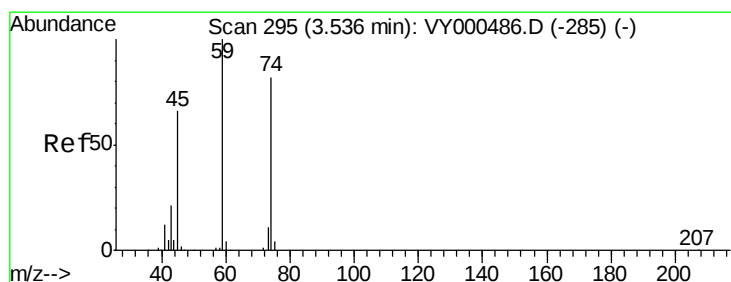
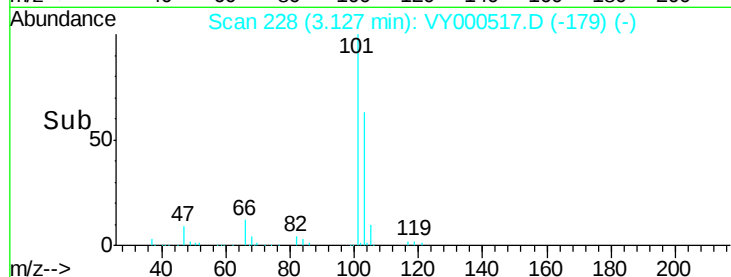
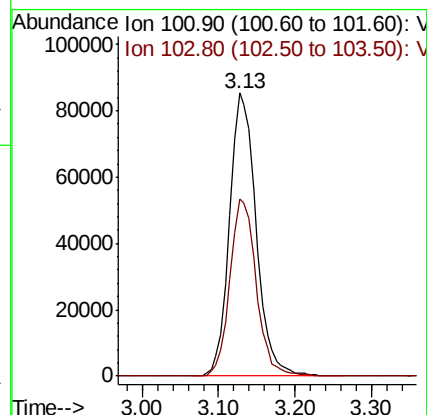
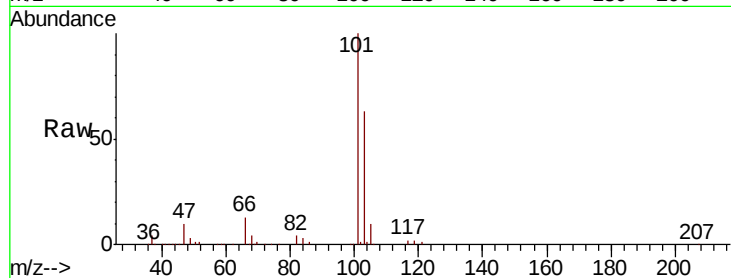


#7

Trichlorofluoromethane
 Concen: 52.104 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Instrument :
 MSVOA_Y
 ClientSampleId :

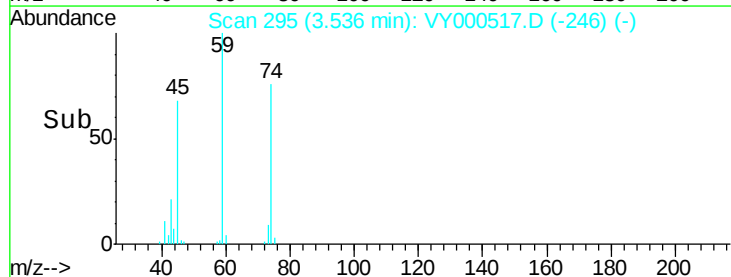
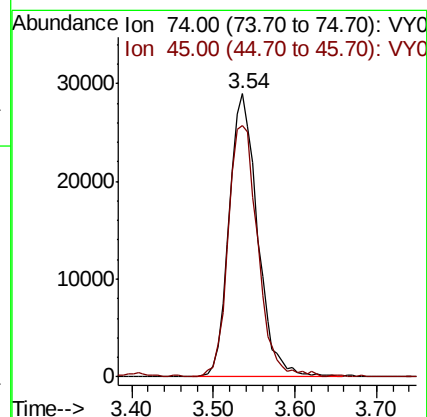
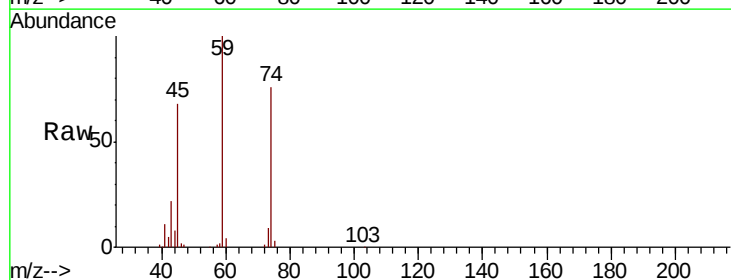
Tot Ion:101 Resp: 205159
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.5 75.7



#8

Diethyl Ether
 Concen: 50.048 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion: 74 Resp: 70022
 Ion Ratio Lower Upper
 74 100
 45 92.3 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.333 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampled :

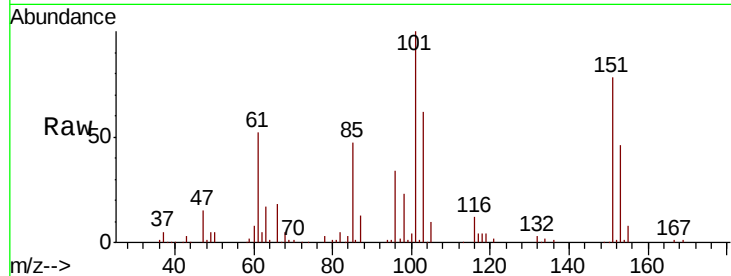
Tot Ion:101 Resp: 122198

Ion Ratio Lower Upper

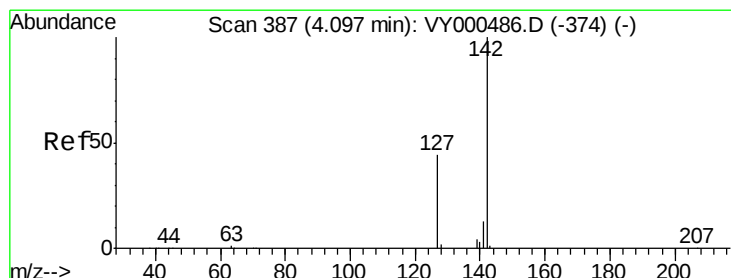
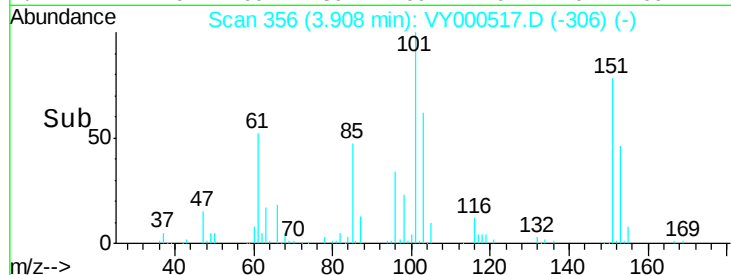
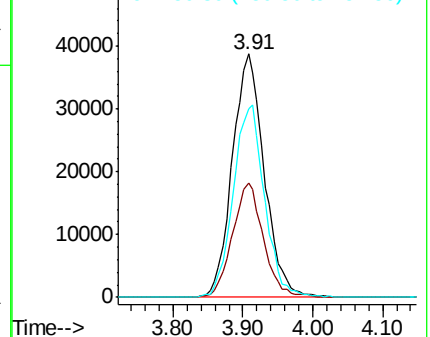
101 100

85 45.7 36.7 55.1

151 78.0 64.3 96.5



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: 48.912 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

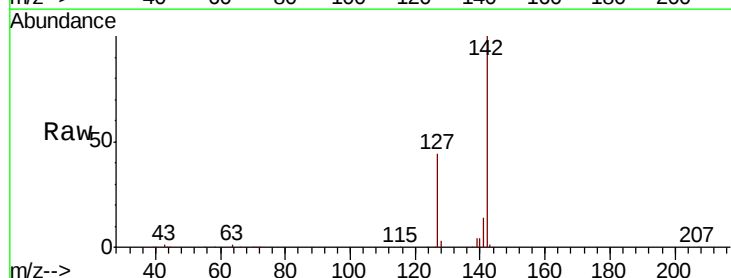
Tgt Ion:142 Resp: 153025

Ion Ratio Lower Upper

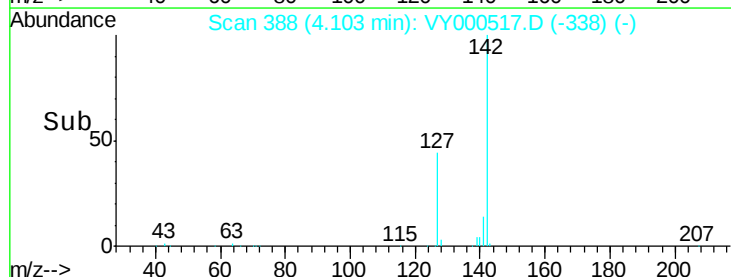
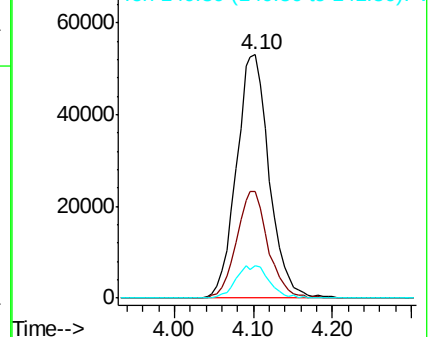
142 100

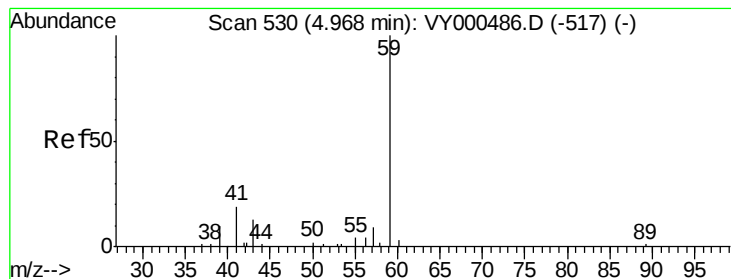
127 42.2 33.7 50.5

141 13.6 10.9 16.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



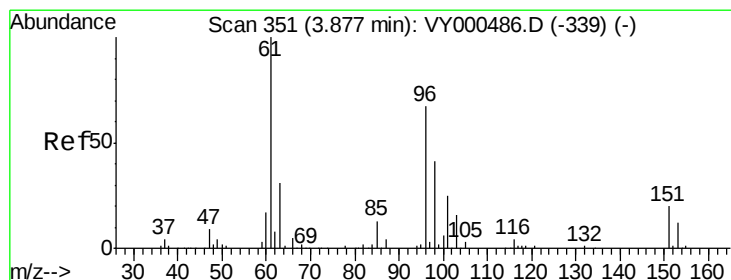
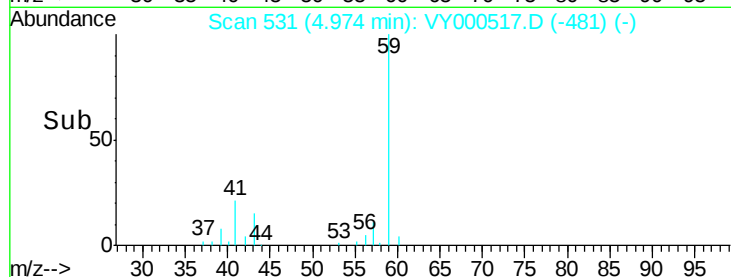
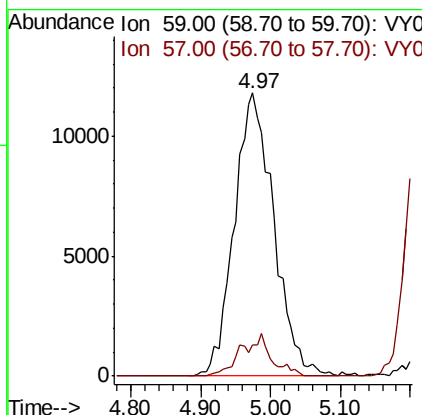
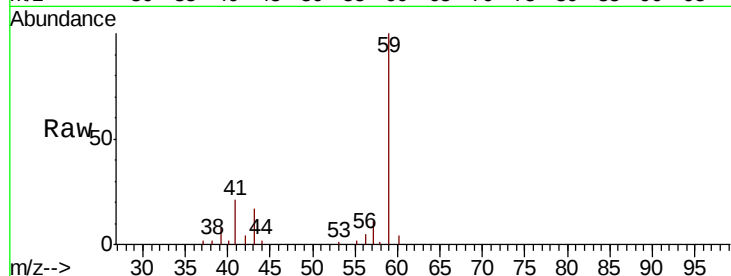


#11

Tert butyl alcohol
 Concen: 198.562 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Instrument :
 MSVOA_Y
 ClientSampleId :

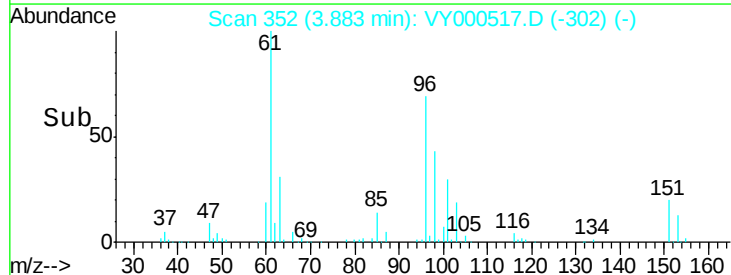
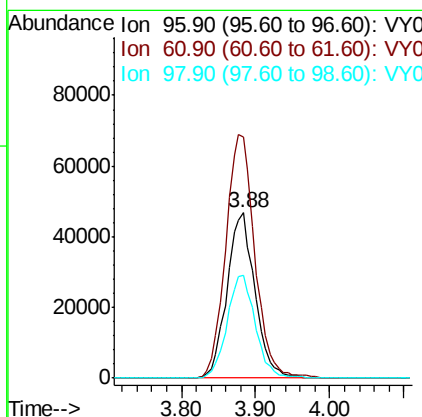
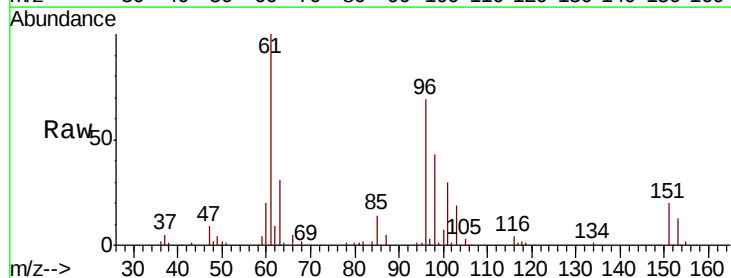
Tot Ion: 59 Resp: 46313
 Ion Ratio Lower Upper
 59 100
 57 6.9 8.6 12.8#



#12

1,1-Dichloroethene
 Concen: 53.237 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion: 96 Resp: 123125
 Ion Ratio Lower Upper
 96 100
 61 145.7 119.2 178.8
 98 62.1 48.6 73.0





#13

Acrolein

Concen: 251.823 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

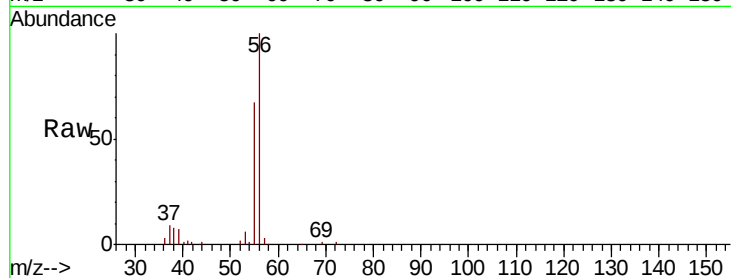
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 51162

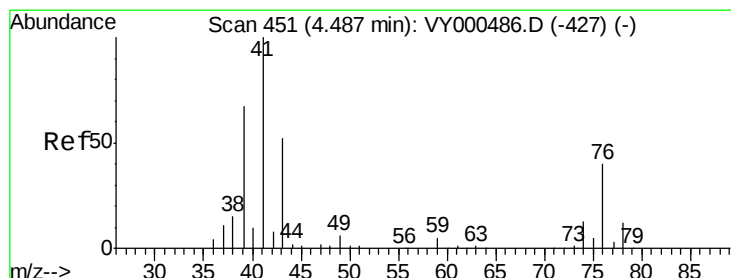
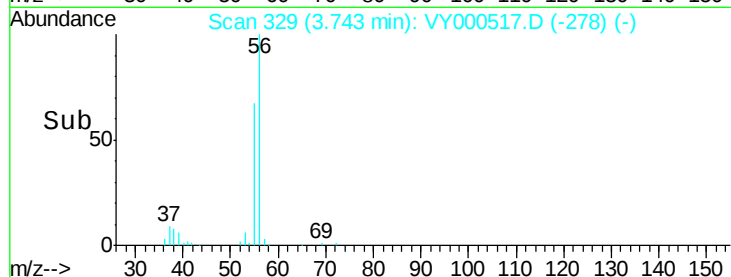
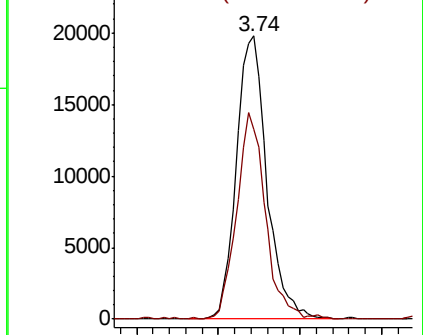
Ion Ratio Lower Upper

56 100

55 67.5 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.480 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

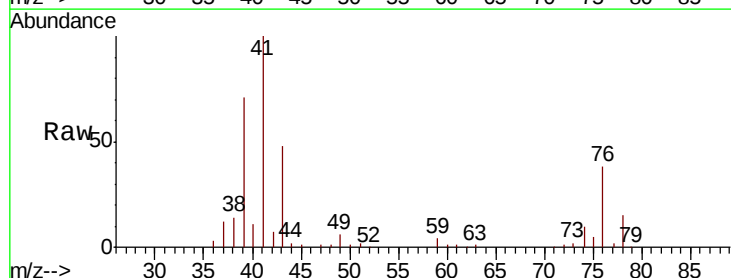
Tgt Ion: 41 Resp: 197359

Ion Ratio Lower Upper

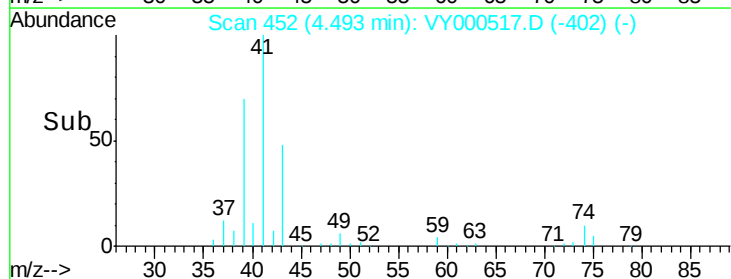
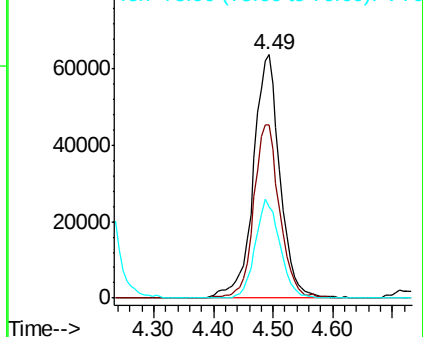
41 100

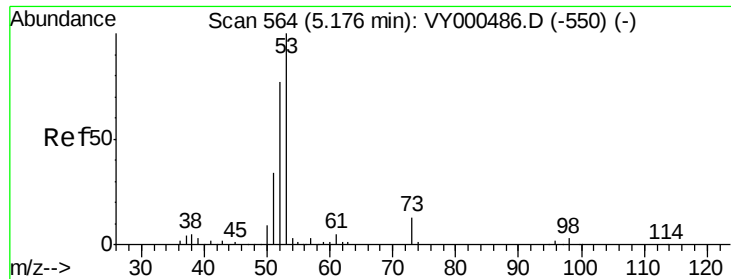
39 69.3 53.6 80.4

76 37.8 29.8 44.6



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 231.962 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampleId :

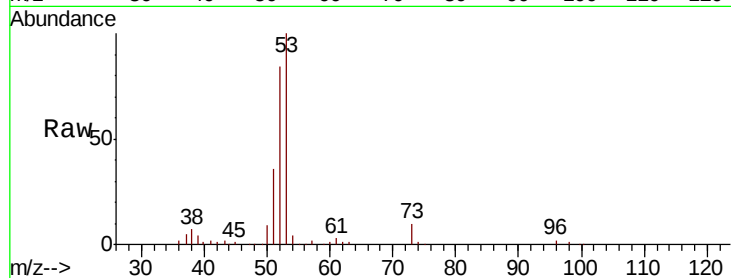
Tot Ion: 53 Resp: 166249

Ion Ratio Lower Upper

53 100

52 81.8 64.9 97.3

51 35.9 27.6 41.4

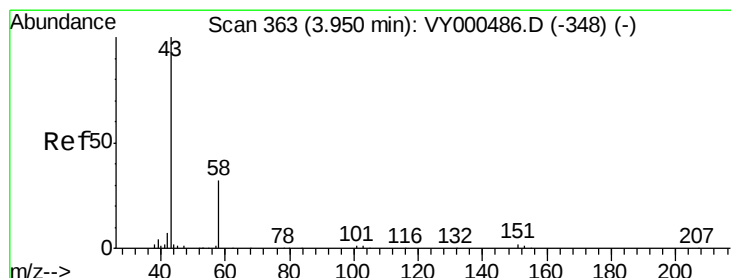
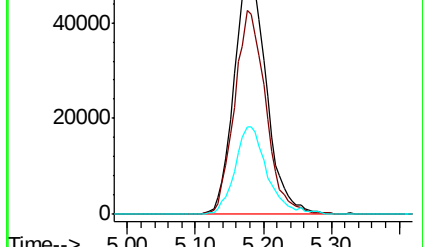
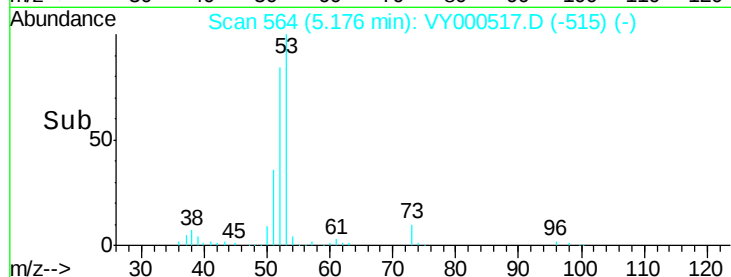


Abundance Ion 53.00 (52.70 to 53.70): VY000517.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY000517.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY000517.D (-515) (-)

Time-->



#16

Acetone

Concen: 270.681 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000517.D

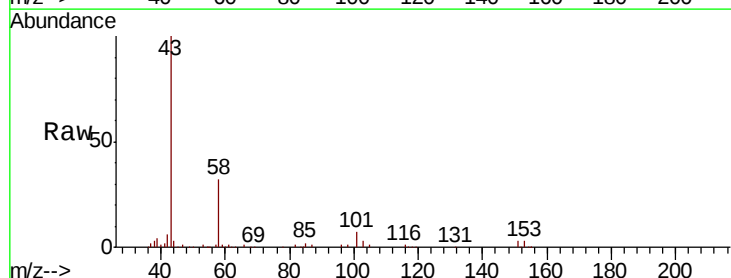
Acq: 01 Nov 2019 10:54

Tgt Ion: 43 Resp: 178753

Ion Ratio Lower Upper

43 100

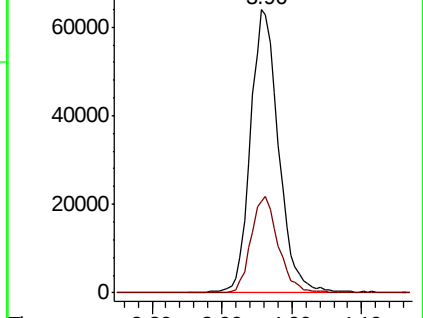
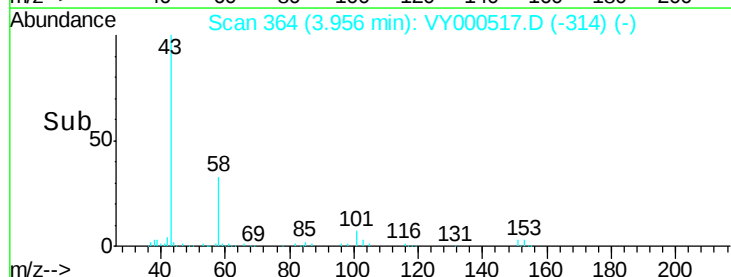
58 32.4 25.8 38.6

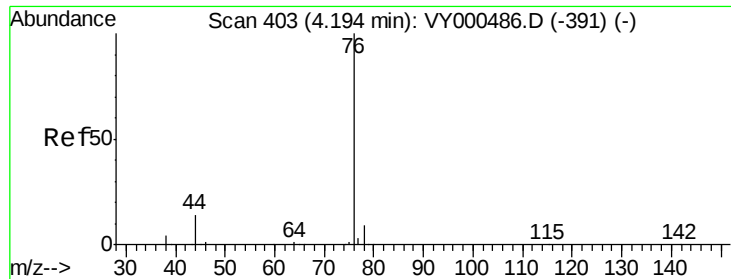


Abundance Ion 43.00 (42.70 to 43.70): VY000517.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY000517.D (-314) (-)

Time-->

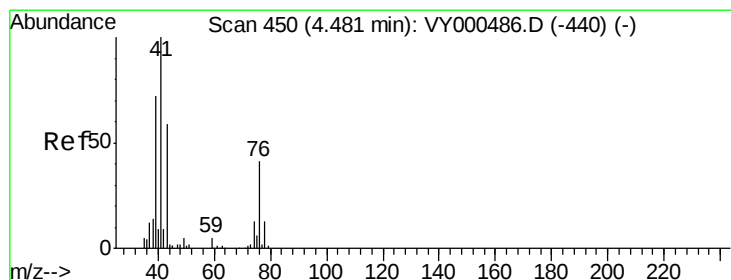
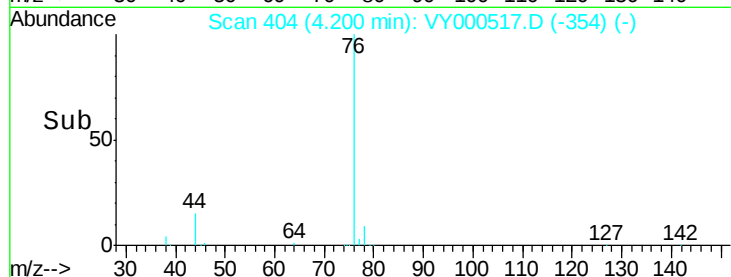
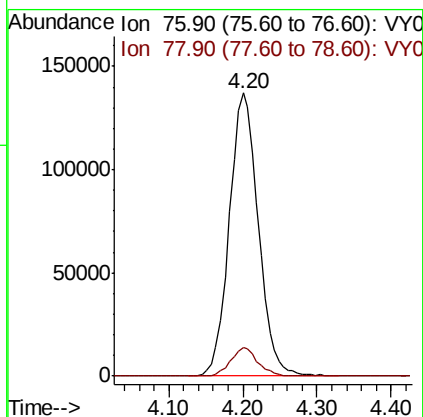
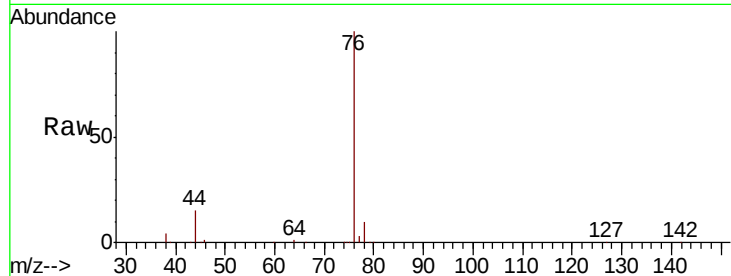




#17
Carbon Disulfide
Concen: 51.293 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

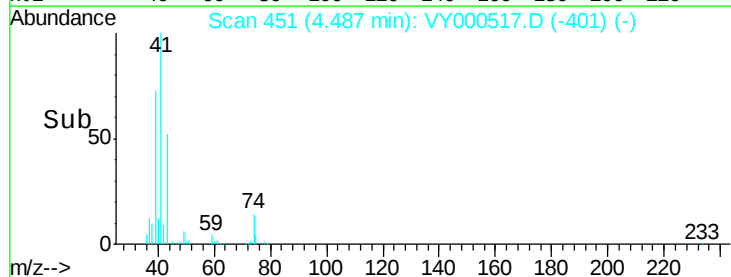
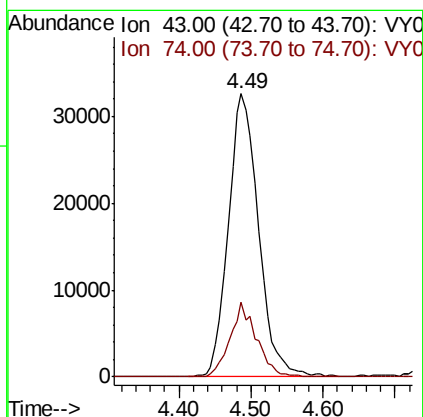
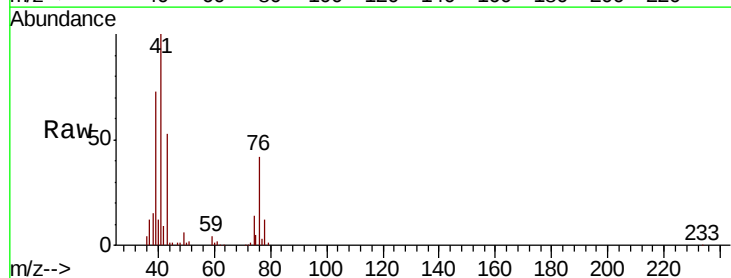
Instrument :
MSVOA_Y
ClientSampleId :

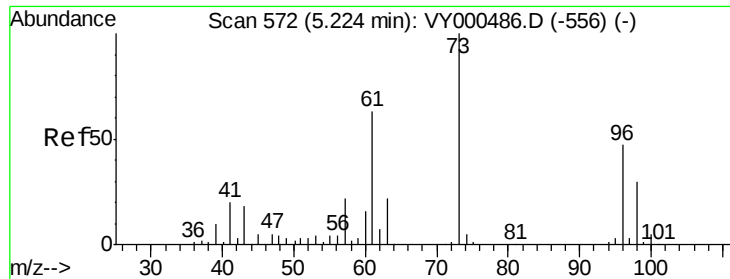
Tot Ion: 76 Resp: 374156
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 46.255 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 43 Resp: 94978
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8

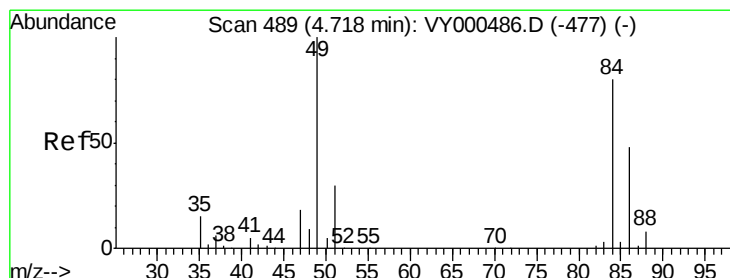
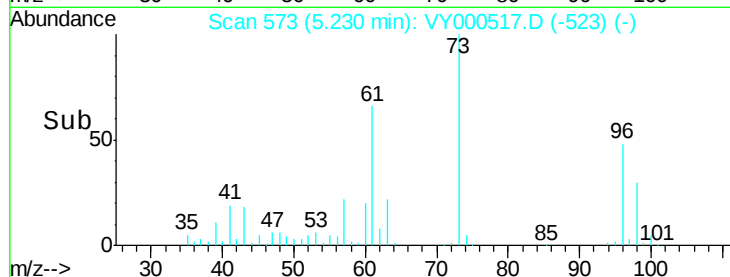
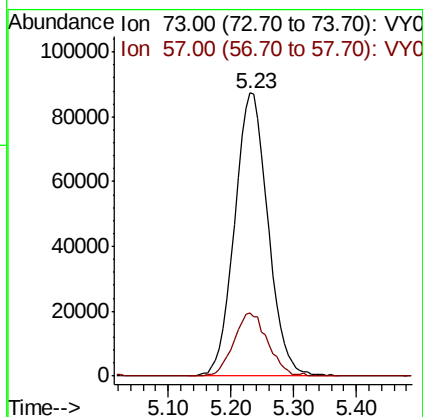
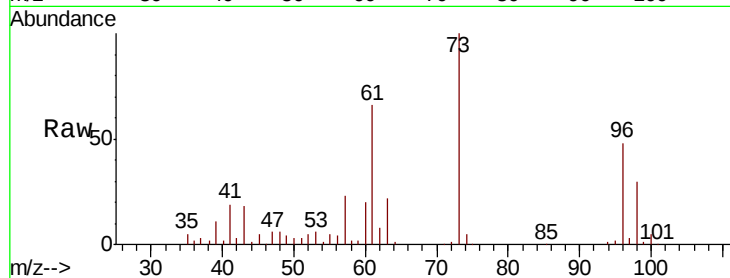




#19
Methyl tert-butyl Ether
Concen: 50.078 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

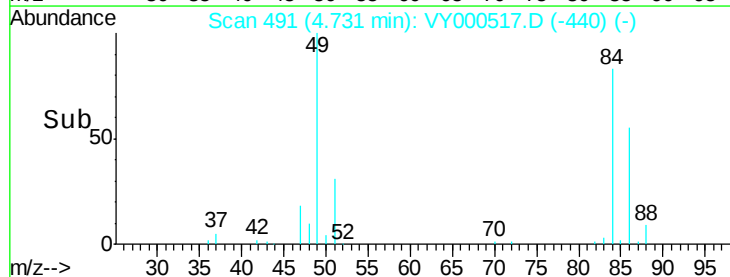
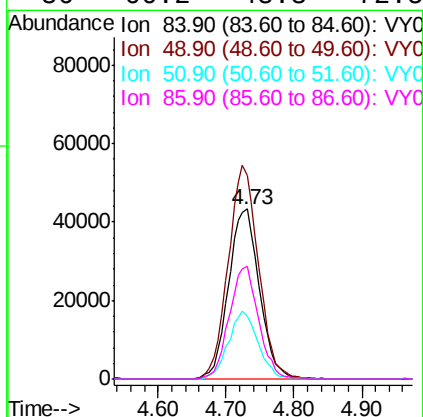
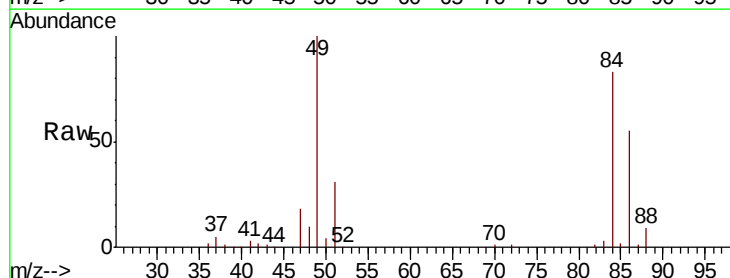
Instrument :
MSVOA_Y
ClientSampled :

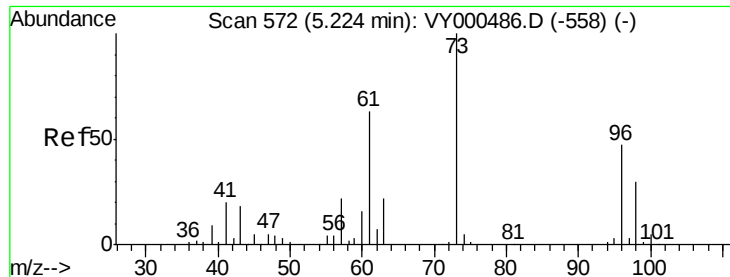
Tot Ion: 73 Resp: 322016
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 48.267 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 84 Resp: 136581
Ion Ratio Lower Upper
84 100
49 120.0 100.2 150.4
51 36.6 29.6 44.4
86 66.2 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 51.285 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampleId :

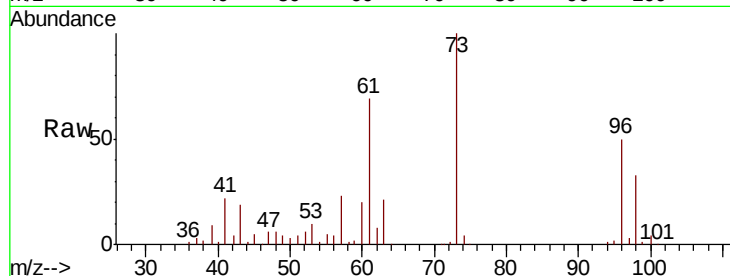
Tot Ion: 96 Resp: 134093

Ion Ratio Lower Upper

96 100

61 137.6 106.6 160.0

98 64.5 50.6 76.0

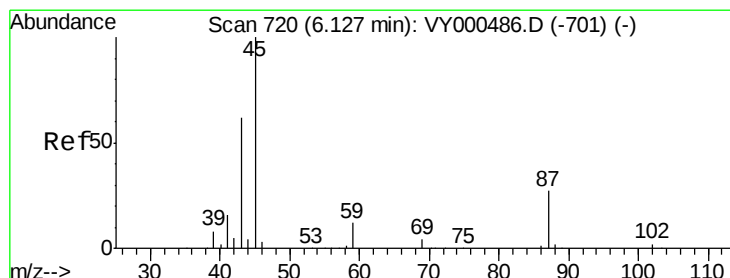
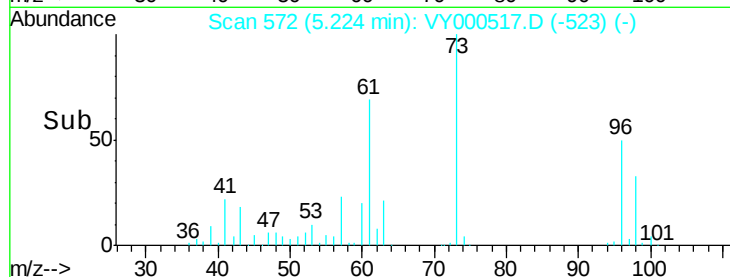
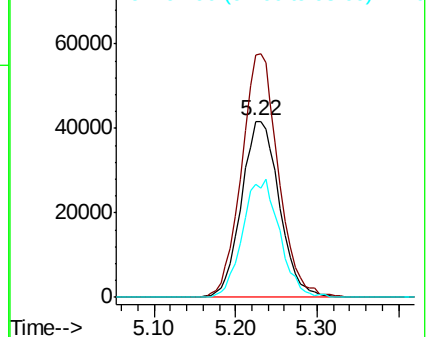


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.903 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Tgt Ion: 45 Resp: 432430

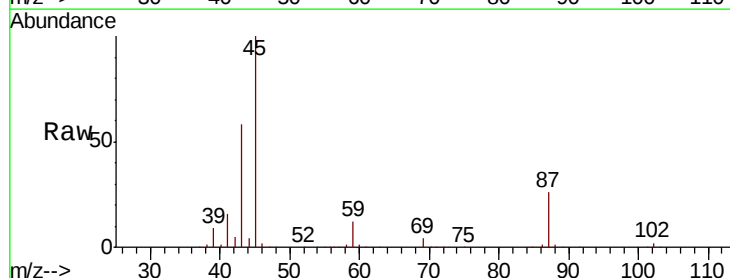
Ion Ratio Lower Upper

45 100

43 57.3 50.0 75.0

87 25.7 21.6 32.4

59 11.9 9.5 14.3



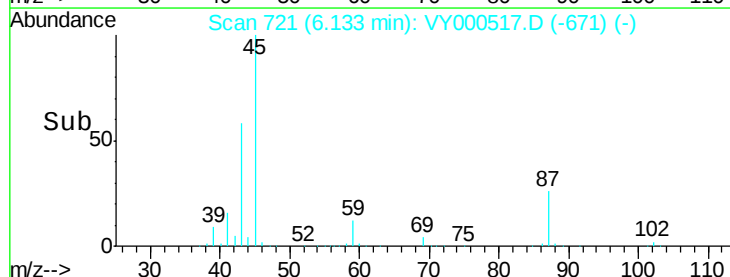
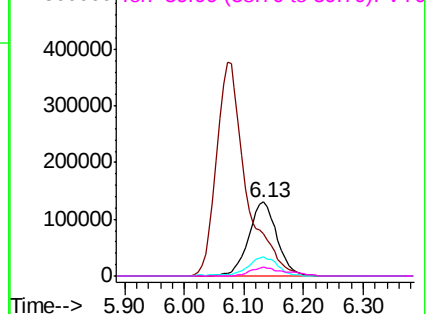
Abundance

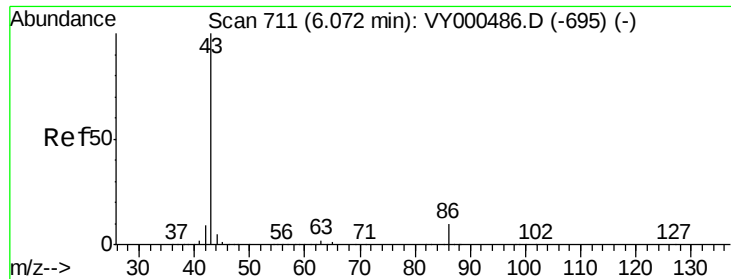
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 249.937 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

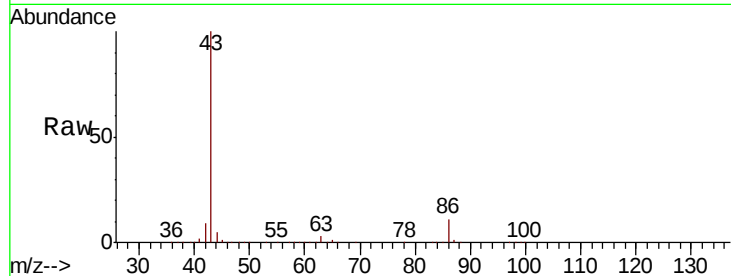
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1289644

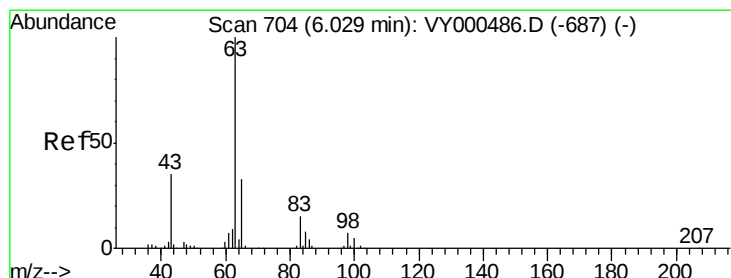
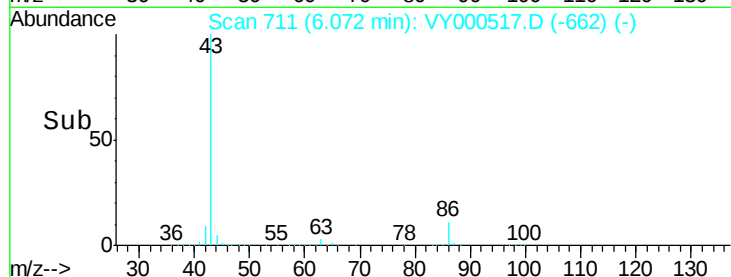
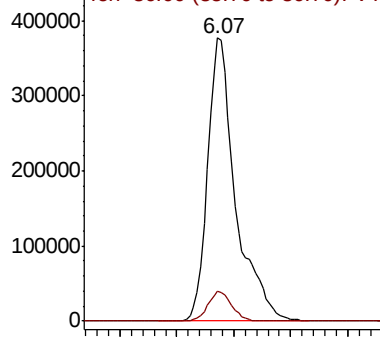
Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.060 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

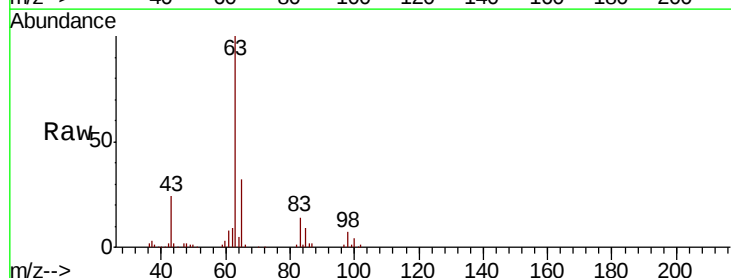
Tgt Ion: 63 Resp: 230532

Ion Ratio Lower Upper

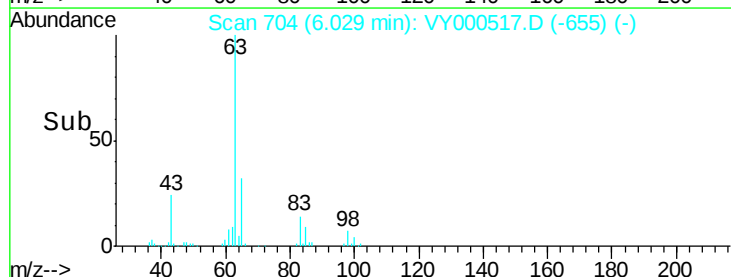
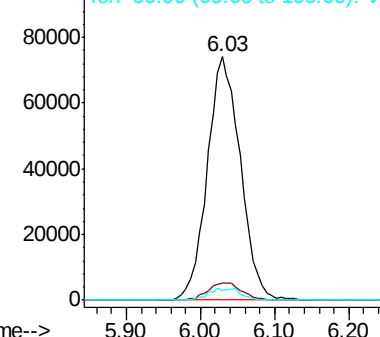
63 100

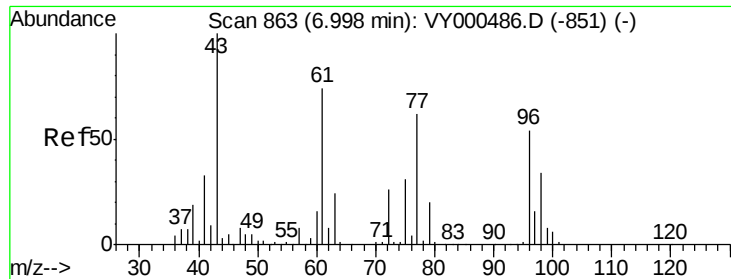
98 6.8 3.5 10.6

100 3.9 2.4 7.1



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

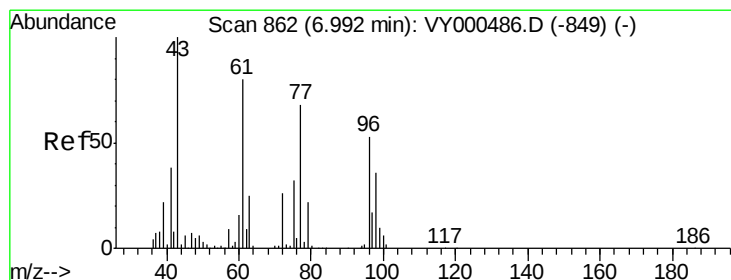
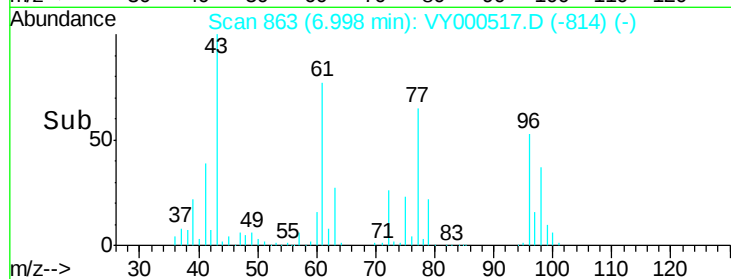
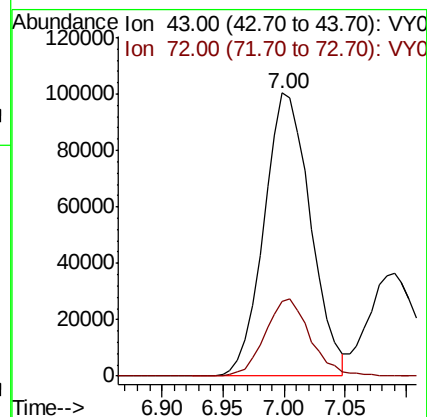
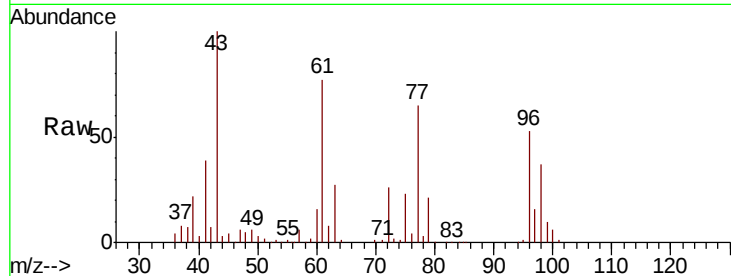




#25
2-Butanone
Concen: 252.507 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

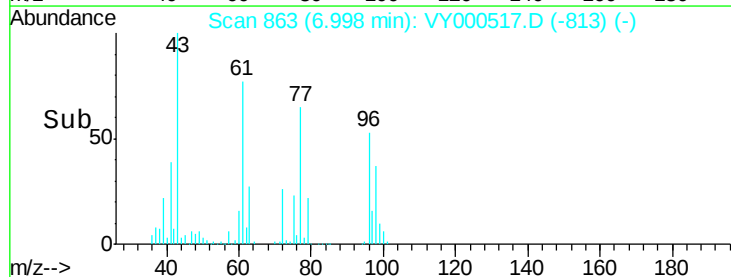
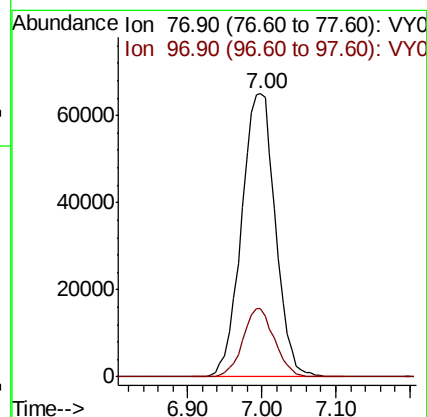
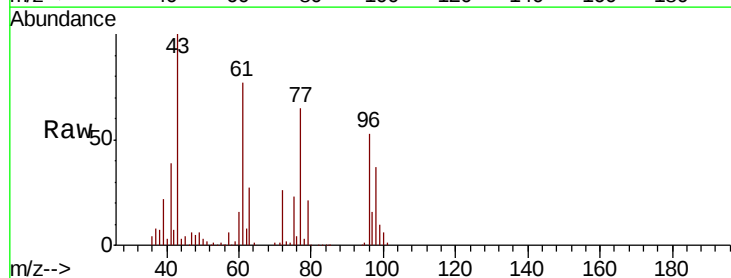
Instrument :
MSVOA_Y
ClientSampleId :

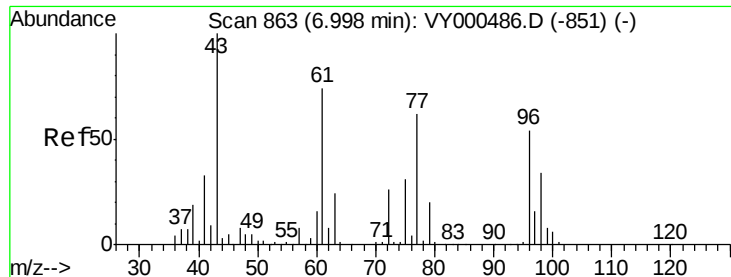
Tot Ion: 43 Resp: 266124
Ion Ratio Lower Upper
43 100
72 26.3 20.9 31.3



#26
2,2-Dichloropropane
Concen: 51.137 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 77 Resp: 206939
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4



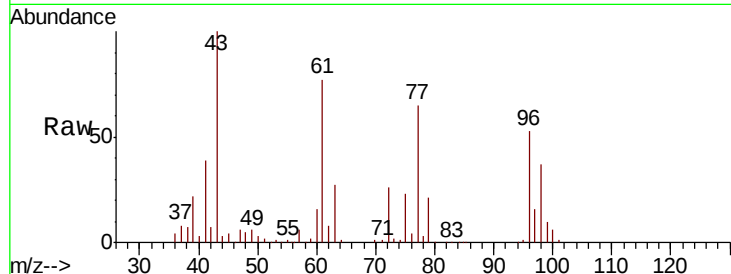


#27

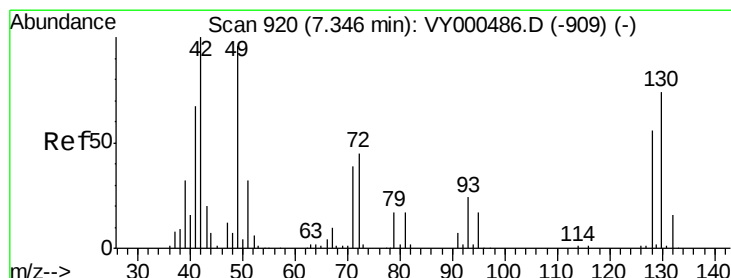
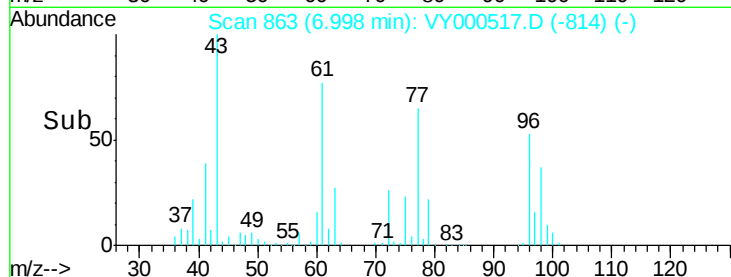
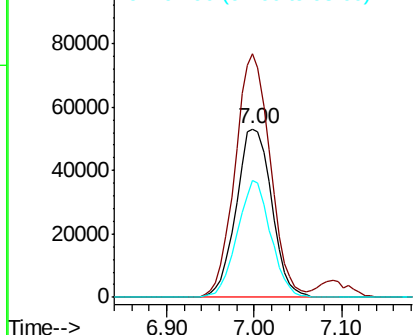
cis-1,2-Dichloroethene
Concen: 52.638 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 150493
Ion Ratio Lower Upper
96 100
61 142.4 0.0 287.0
98 64.9 0.0 129.4



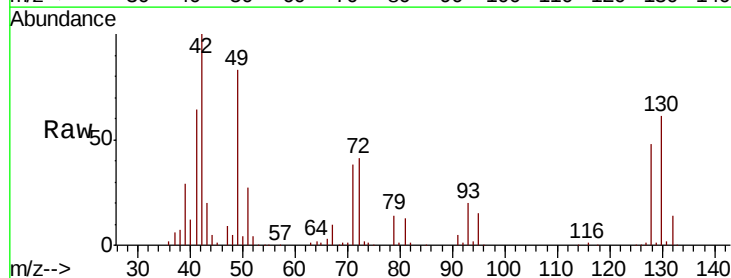
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



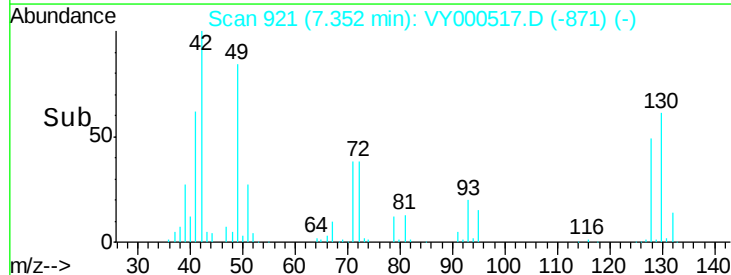
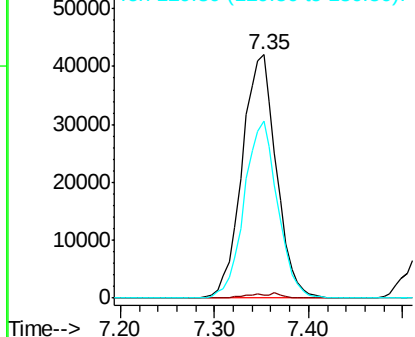
#28

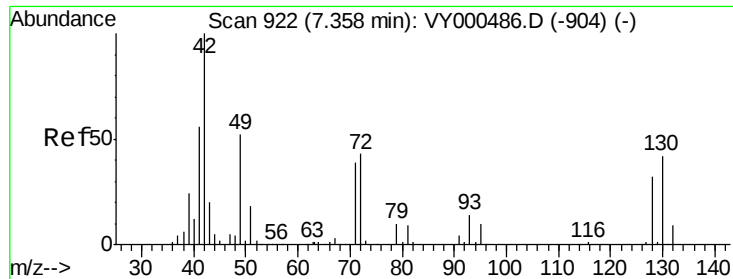
Bromochloromethane
Concen: 52.636 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 49 Resp: 106776
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 71.0 59.4 89.0



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

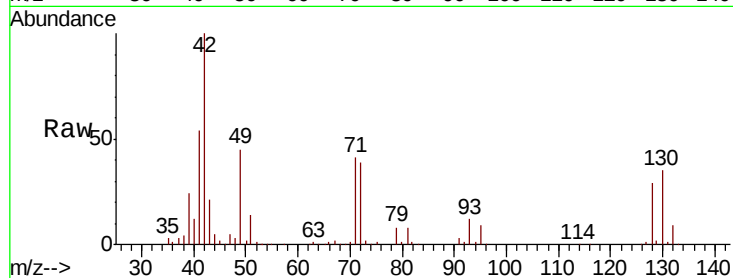




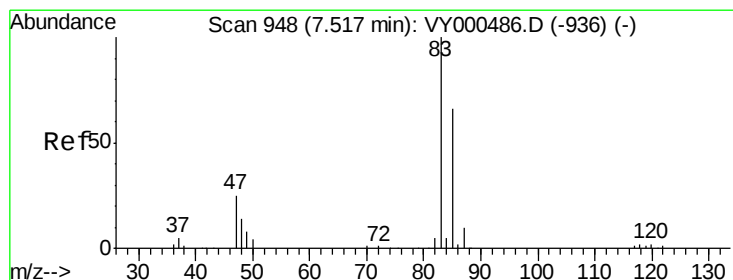
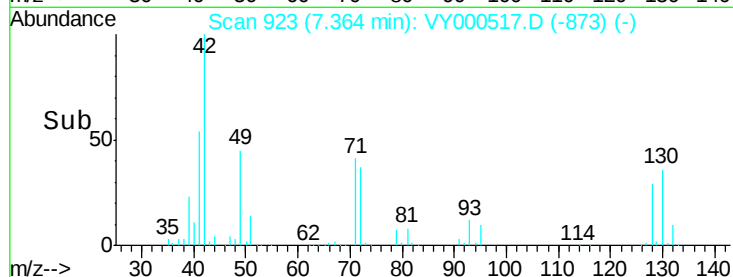
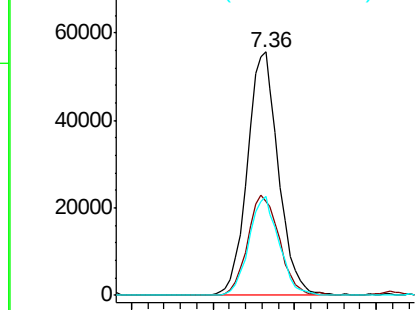
#29
Tetrahydrofuran
Concen: 228.596 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 147388
Ion Ratio Lower Upper
42 100
72 42.2 34.0 51.0
71 39.3 30.8 46.2

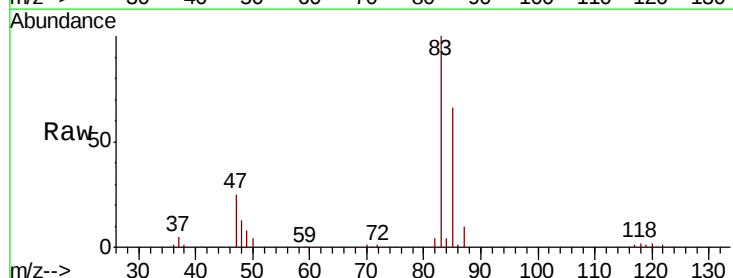


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

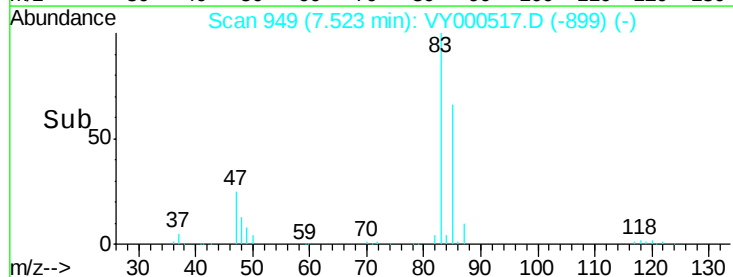
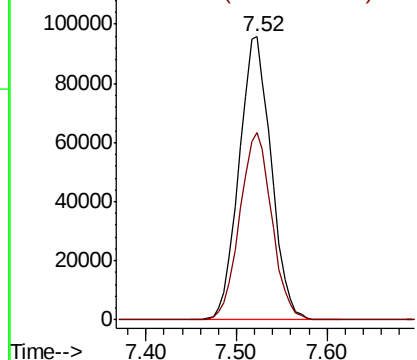


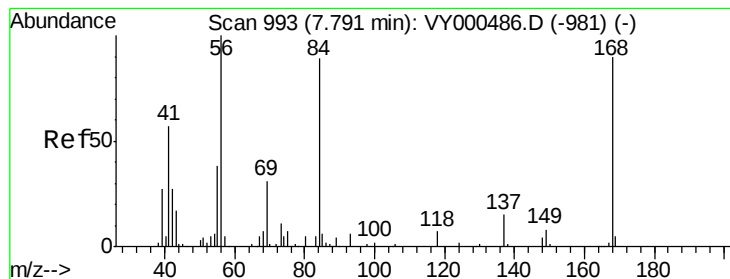
#30
Chloroform
Concen: 52.418 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 83 Resp: 234813
Ion Ratio Lower Upper
83 100
85 66.2 53.0 79.4



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





#31

Cyclohexane

Concen: 49.578 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

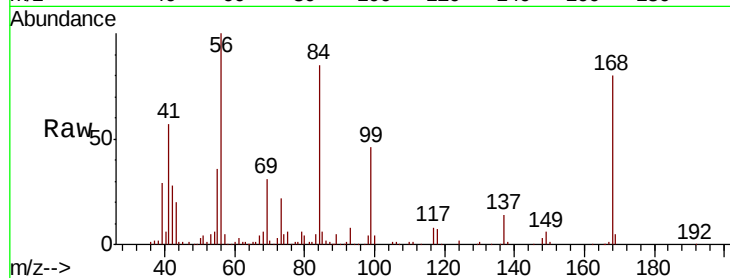
Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 229942

Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.0	37.6
84	83.1	71.4	107.2

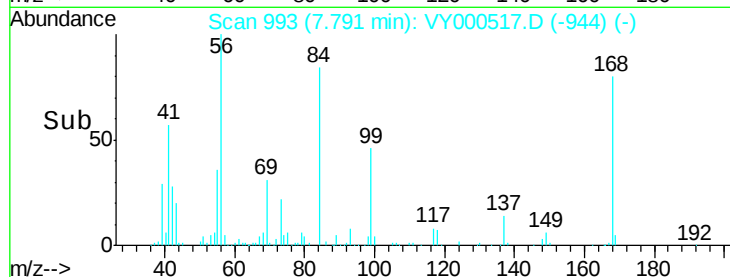


Abundance

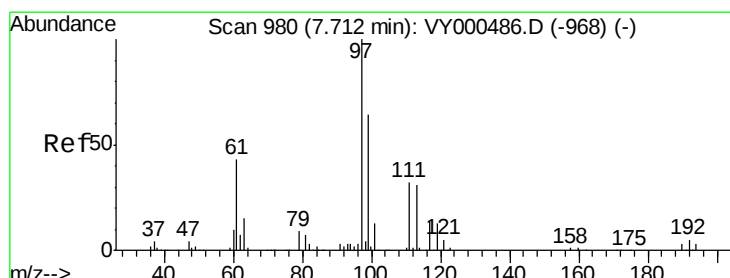
Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



Time-->



#32

1,1,1-Trichloroethane

Concen: 52.352 ug/l

RT: 7.71 min Scan# 980

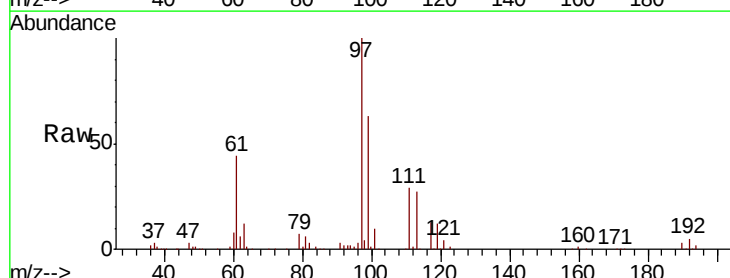
Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Tgt Ion: 97 Resp: 209006

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.9	76.3
61	44.1	34.9	52.3

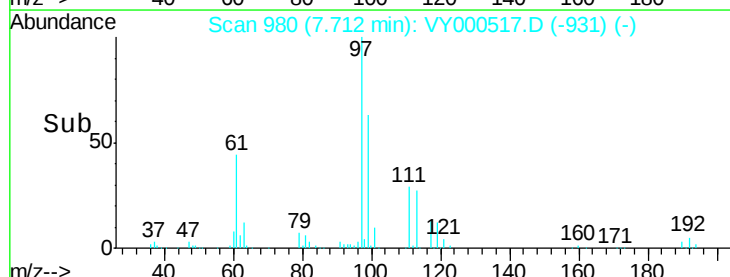


Abundance

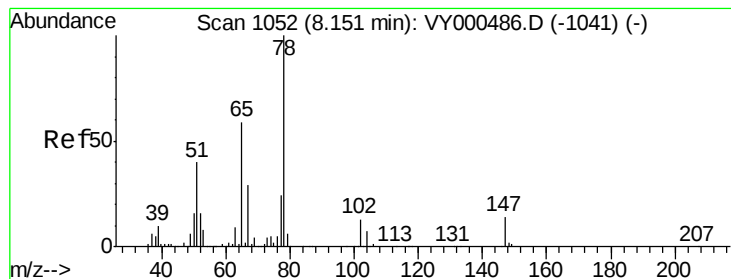
Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.497 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

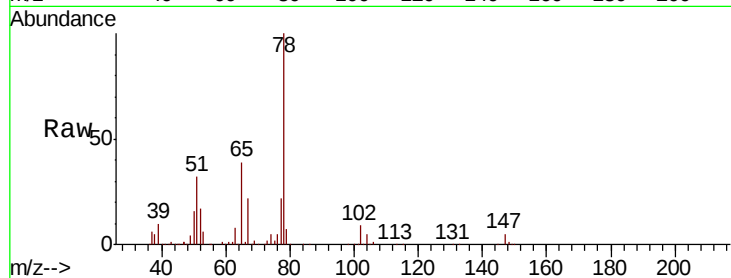
ClientSampleId :

Tot Ion: 65 Resp: 128183

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

60000

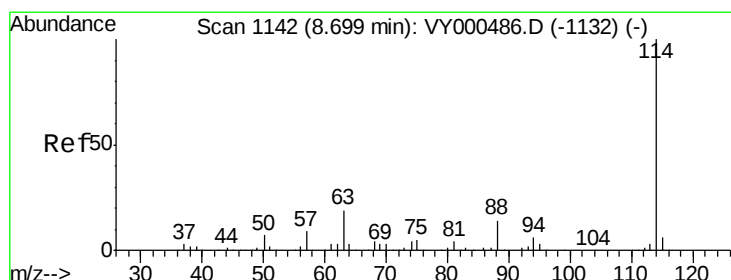
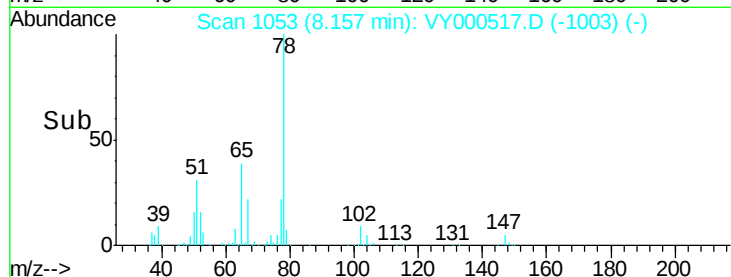
40000

20000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

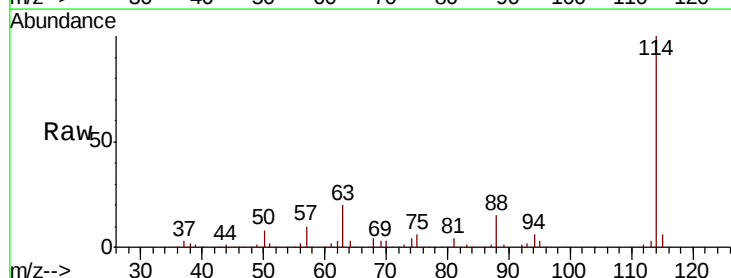
Tgt Ion: 114 Resp: 386375

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

88 14.9 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

250000

200000

150000

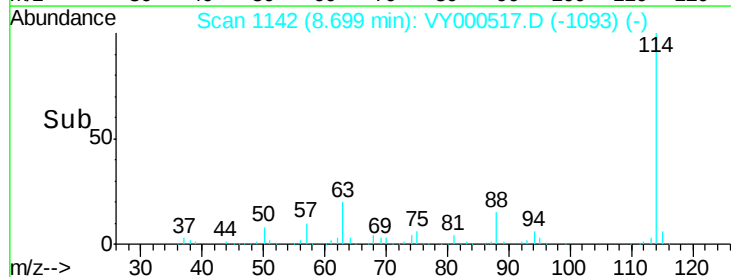
100000

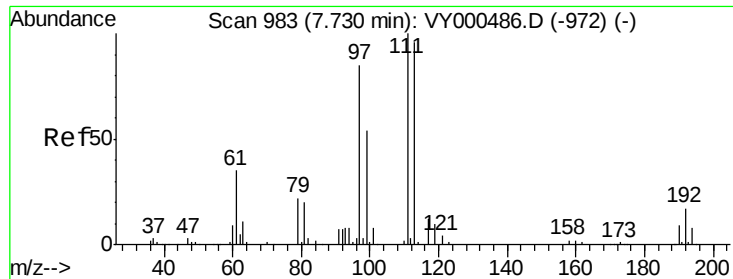
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

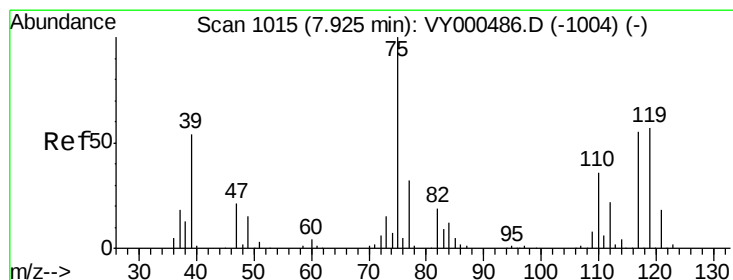
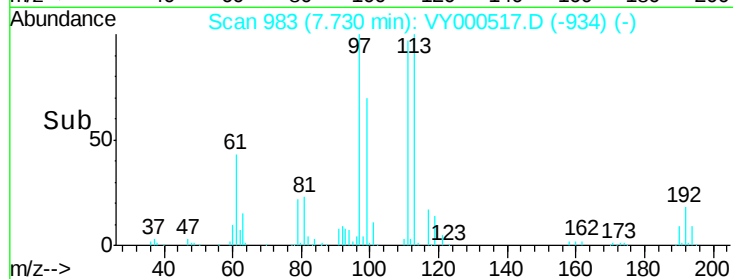
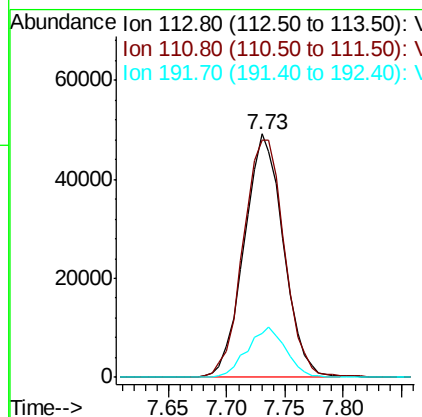
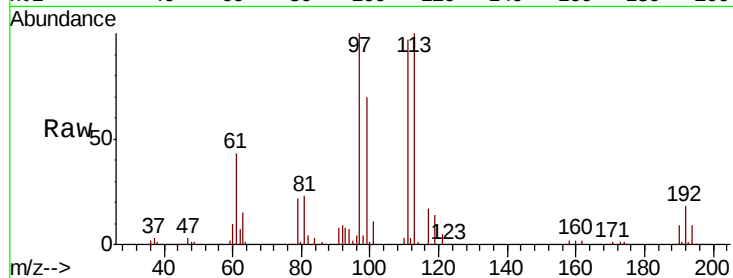




#35
 Dibromofluoromethane
 Concen: 50.687 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

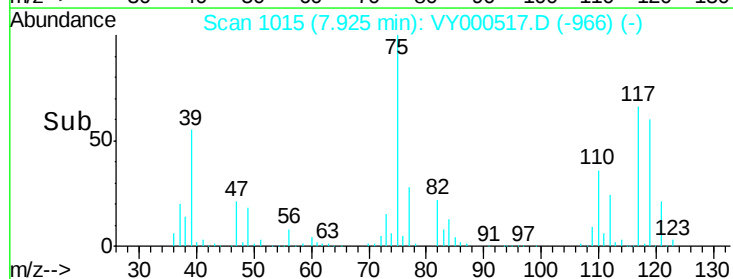
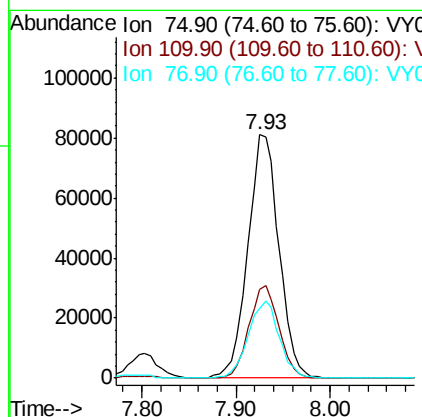
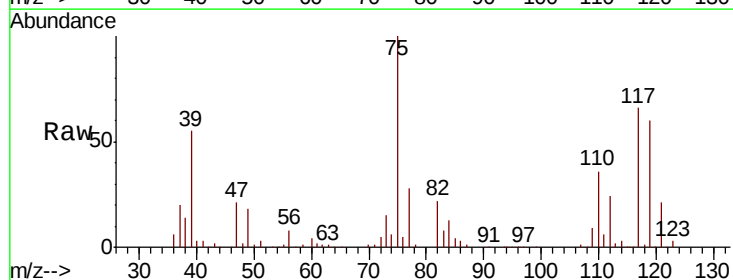
Instrument :
 MSVOA_Y
 ClientSampleId :

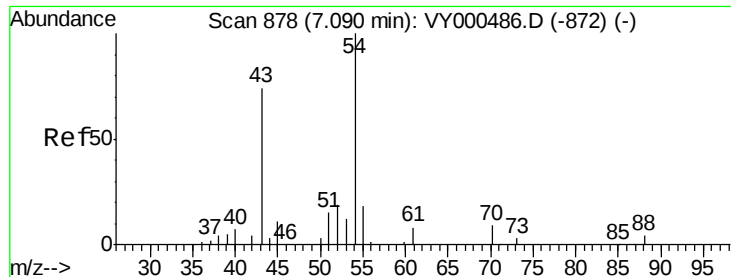
Tot Ion:113 Resp: 114973
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.7 122.5
 192 20.4 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 51.533 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion: 75 Resp: 188231
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.1
 77 31.6 25.0 37.6

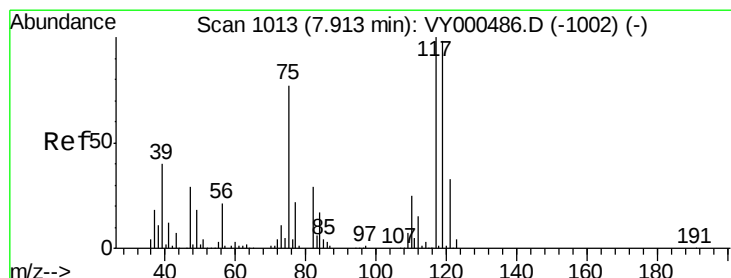
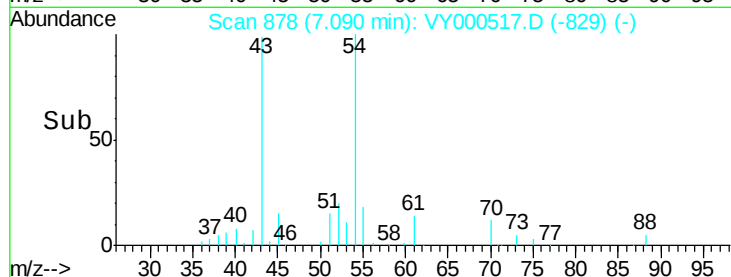
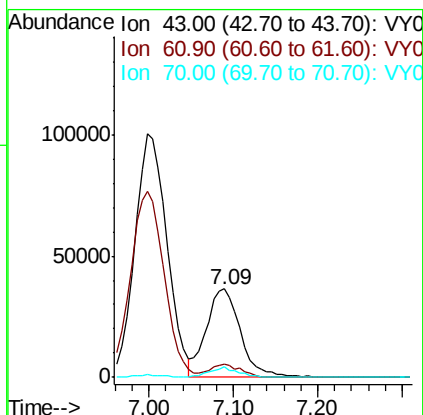
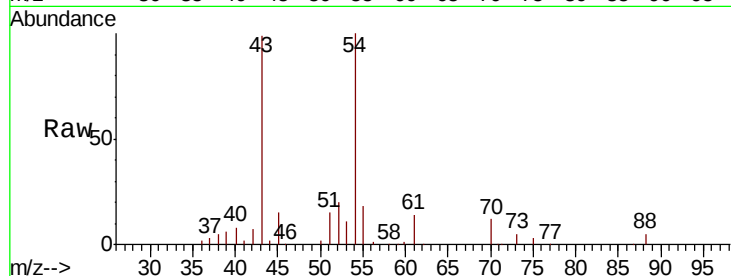




#37
Ethyl Acetate
Concen: 47.550 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

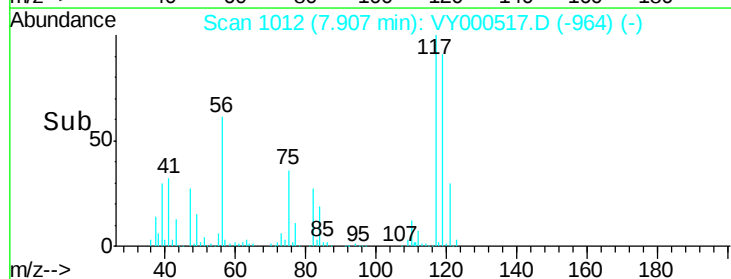
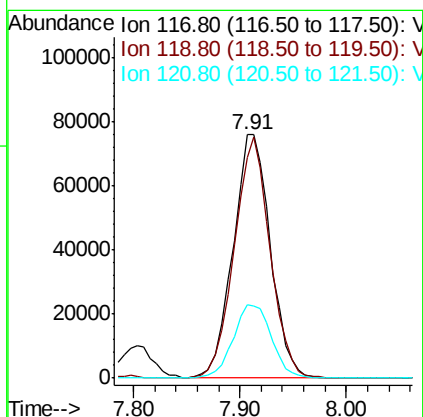
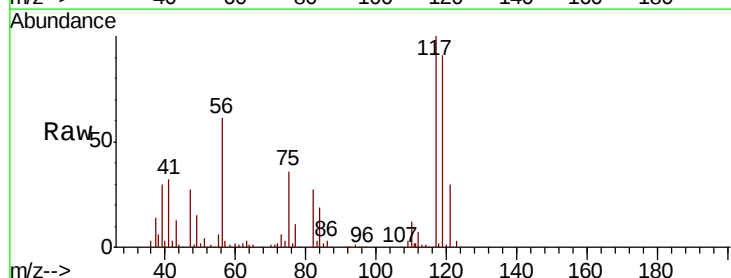
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 103114
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.012 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 117 Resp: 186316
Ion Ratio Lower Upper
117 100
119 90.6 78.0 117.0
121 30.2 26.6 40.0

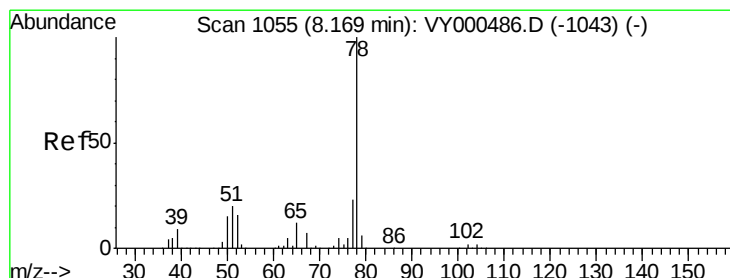
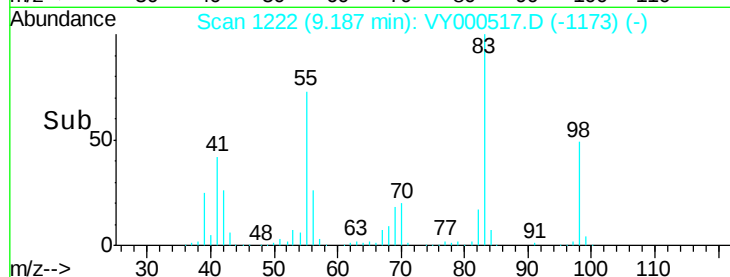
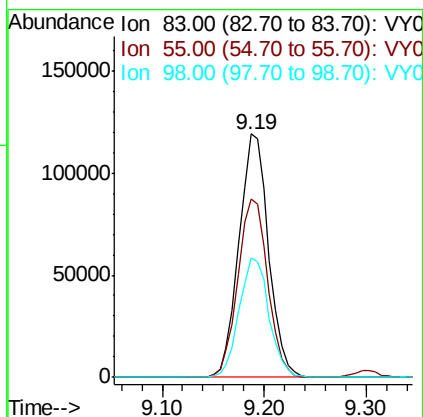
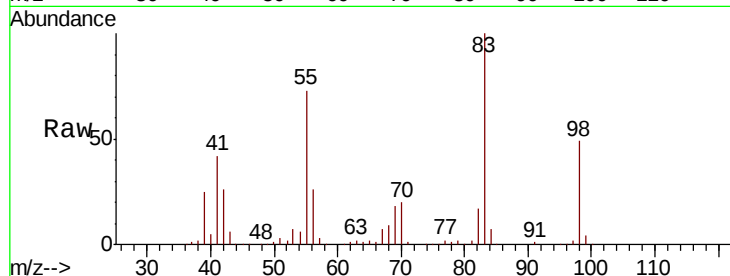




#39
Methvlcvclohexane
Concen: 50.645 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

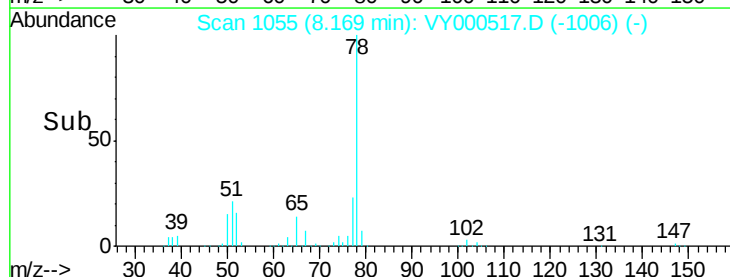
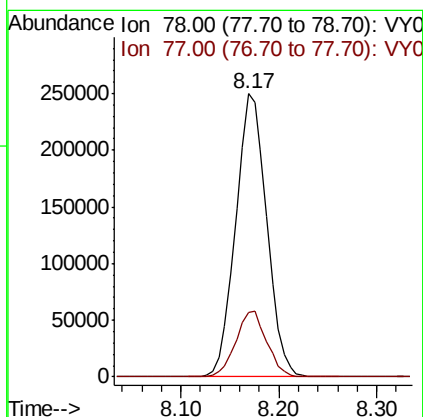
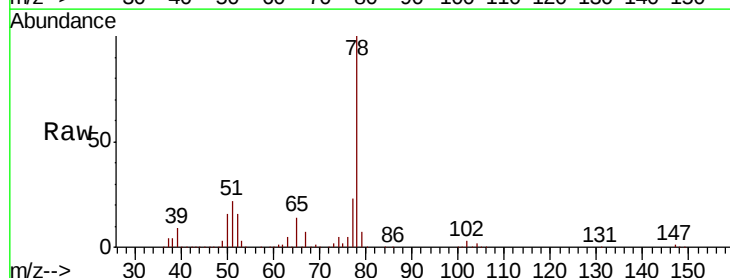
Instrument :
MSVOA_Y
ClientSampled :

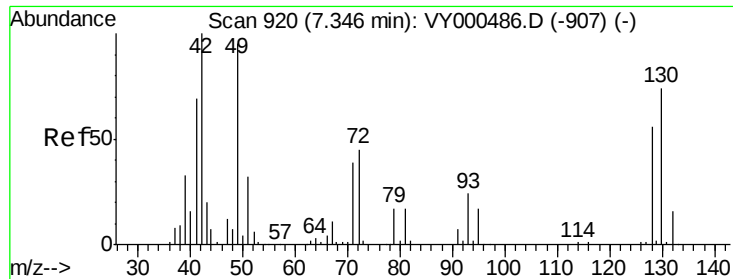
Tot Ion: 83 Resp: 238986
Ion Ratio Lower Upper
83 100
55 73.3 57.5 86.3
98 49.2 38.0 57.0



#40
Benzene
Concen: 51.321 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 78 Resp: 549572
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0

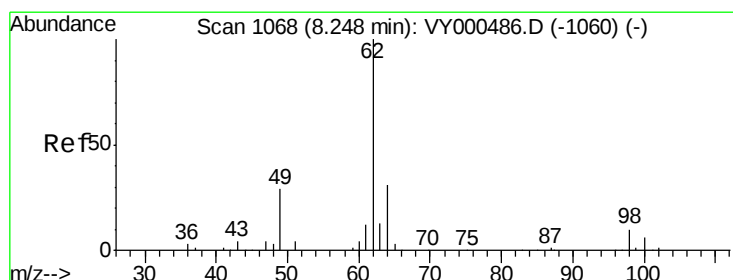
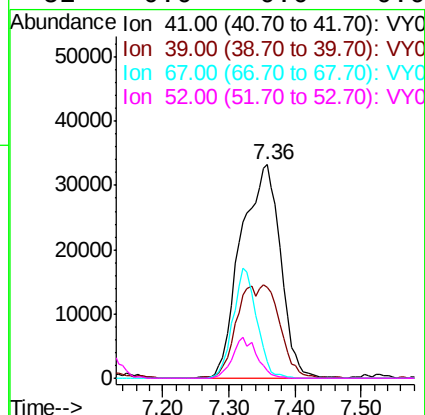
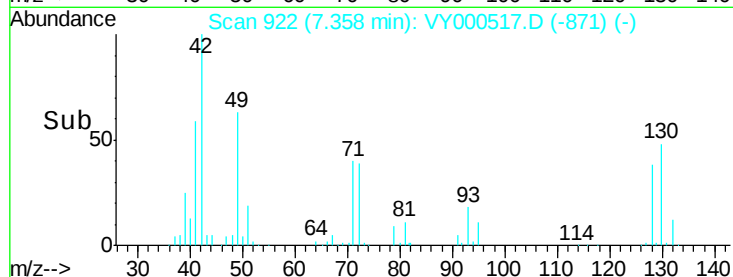
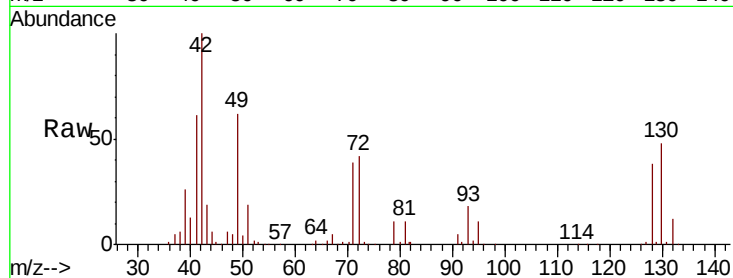




#41
Methacrylonitrile
Concen: 114.432 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

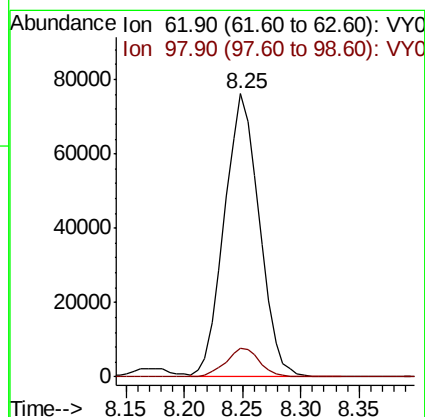
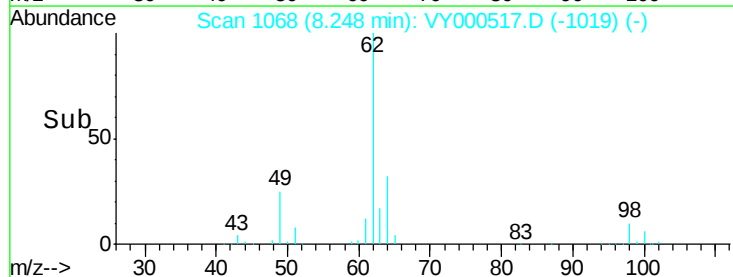
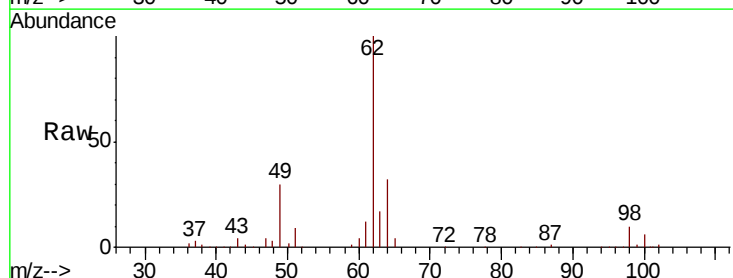
Instrument :
MSVOA_Y
ClientSampleId :

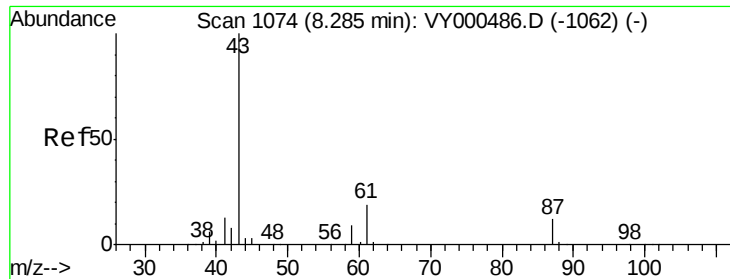
Tot Ion: 41 Resp: 138435
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.373 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 62 Resp: 159069
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2





#43

Isopropyl Acetate

Concen: 47.696 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :
MSVOA_Y
ClientSampleId :

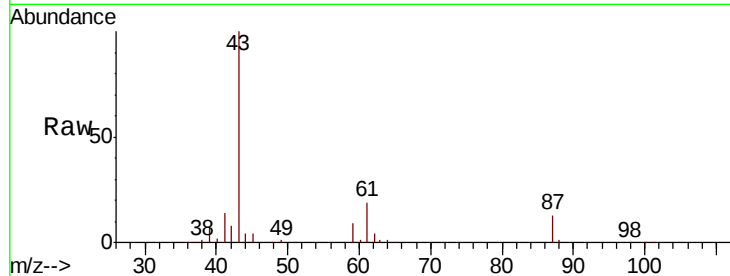
Tot Ion: 43 Resp: 194298

Ion Ratio Lower Upper

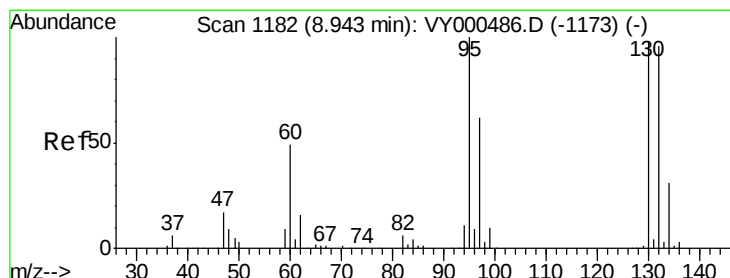
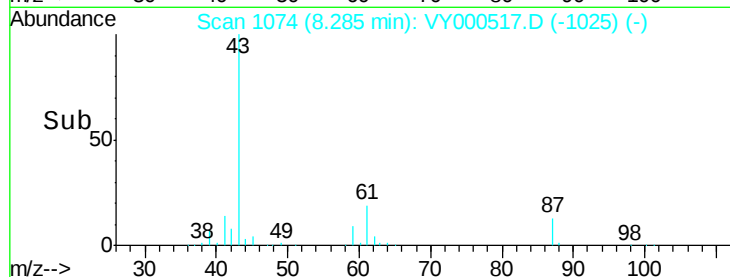
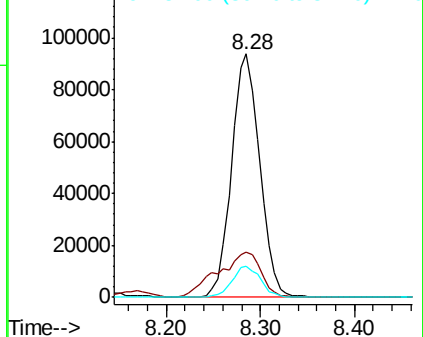
43 100

61 28.4 23.0 34.4

87 12.9 10.5 15.7



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: 52.345 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000517.D

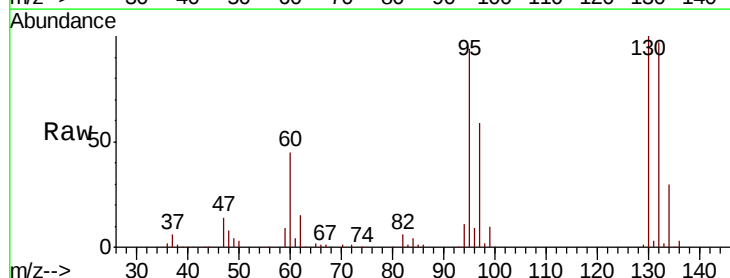
Acq: 01 Nov 2019 10:54

Tgt Ion:130 Resp: 147794

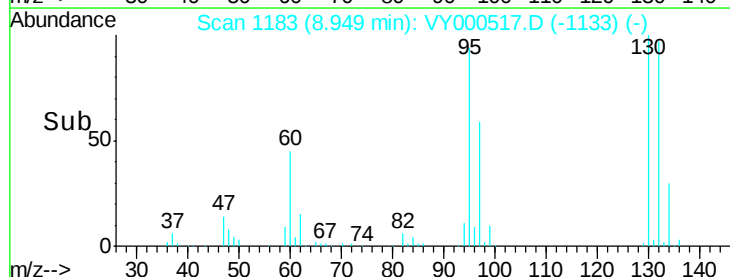
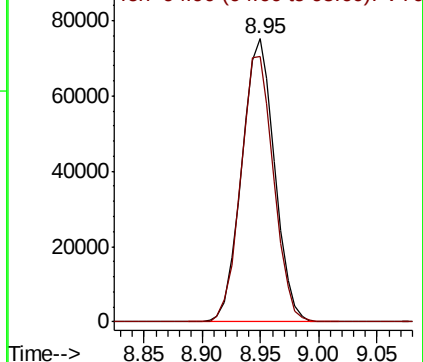
Ion Ratio Lower Upper

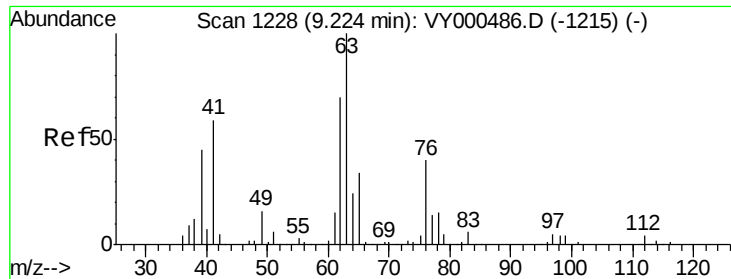
130 100

95 93.6 0.0 203.2



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

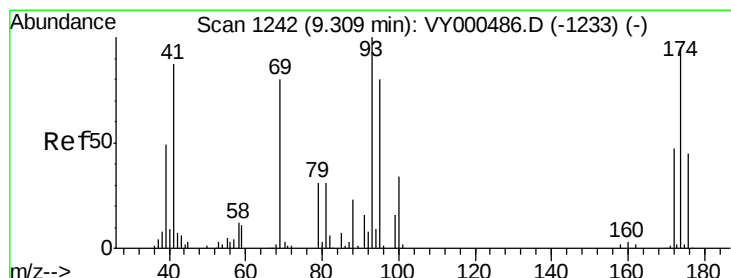
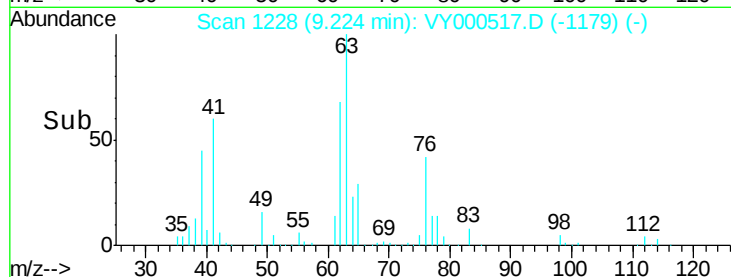
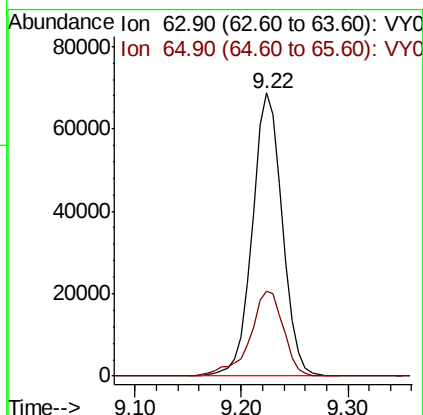
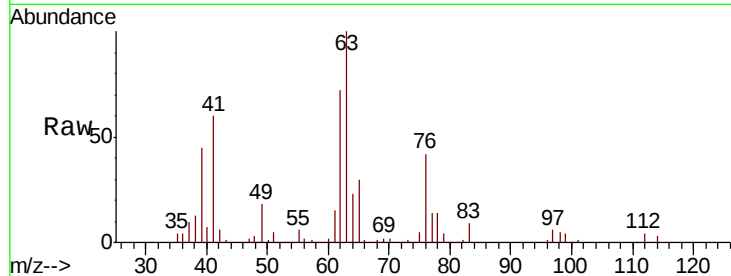




#45
 1,2-Dichloropropane
 Concen: 51.366 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

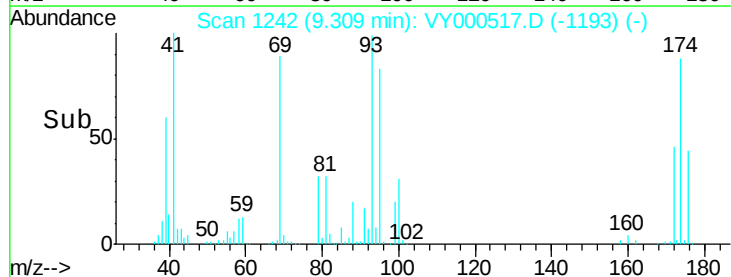
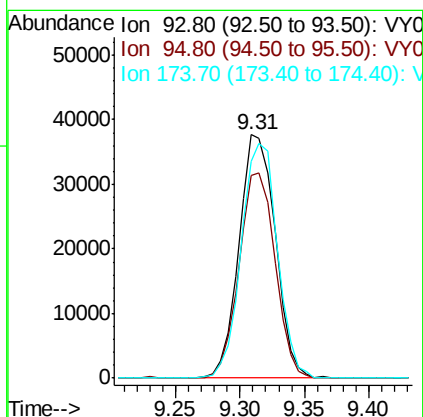
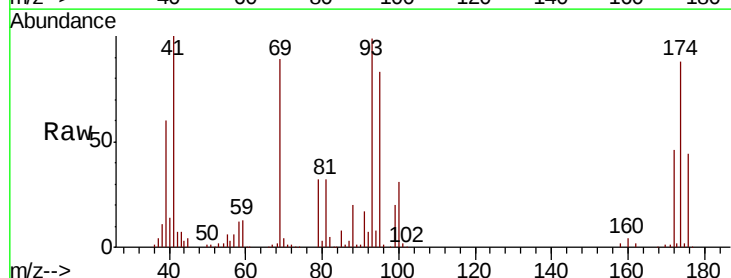
Instrument :
 MSVOA_Y
 ClientSampleId :

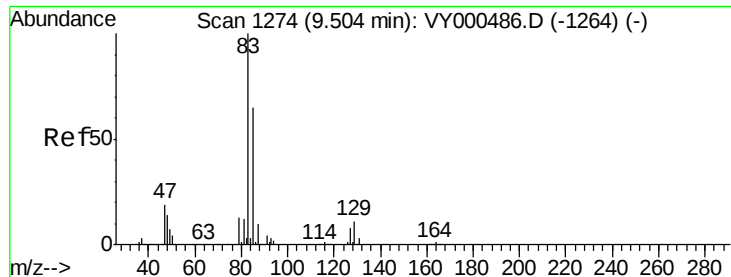
Tot Ion: 63 Resp: 135378
 Ion Ratio Lower Upper
 63 100
 65 29.8 27.0 40.4



#46
 Dibromomethane
 Concen: 50.685 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion: 93 Resp: 73467
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 95.6 77.1 115.7





#47

Bromodichloromethane

Concen: 53.402 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampleId :

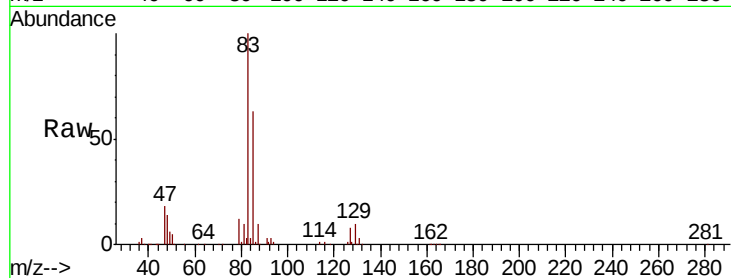
Tot Ion: 83 Resp: 183666

Ion Ratio Lower Upper

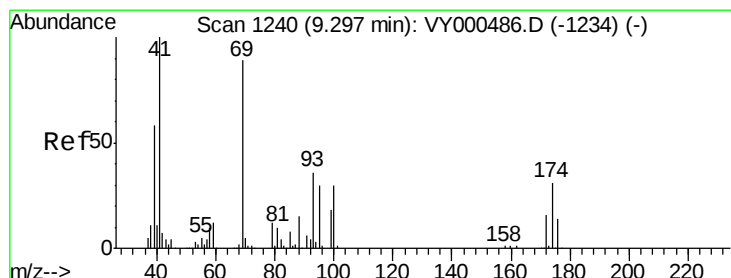
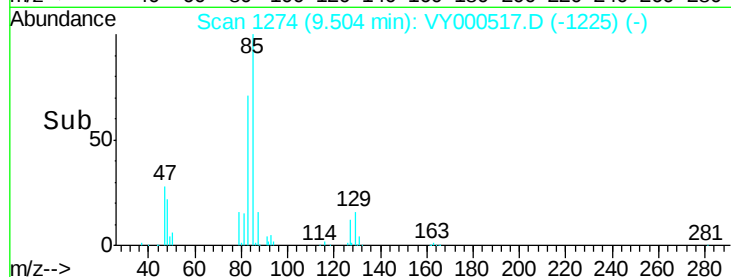
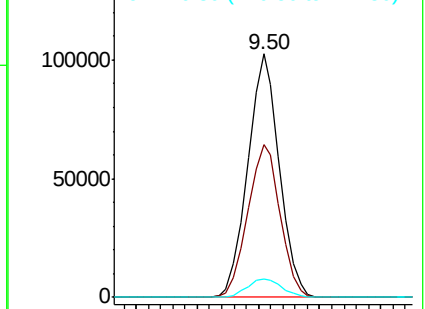
83 100

85 62.7 51.8 77.8

127 7.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 49.803 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

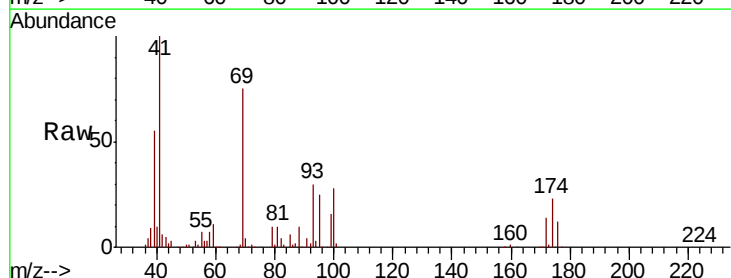
Tgt Ion: 41 Resp: 88644

Ion Ratio Lower Upper

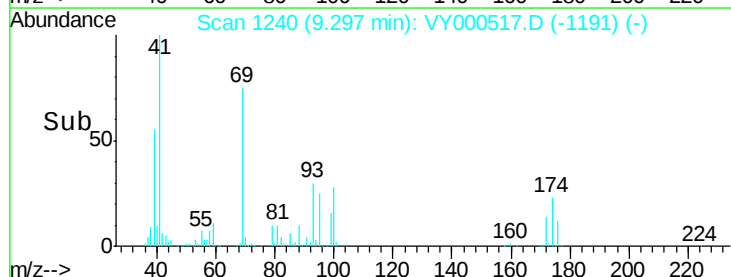
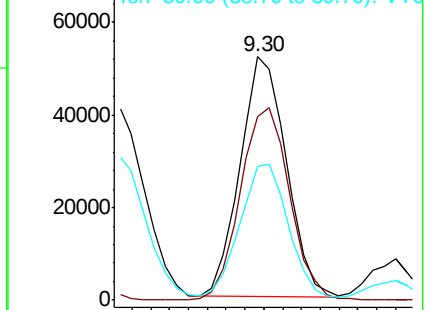
41 100

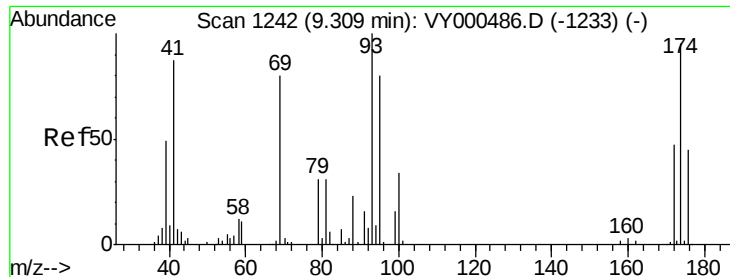
69 84.9 72.5 108.7

39 60.3 47.8 71.8



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





#49

1,4-Dioxane

Concen: 937.989 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :
MSVOA_Y
ClientSampled :

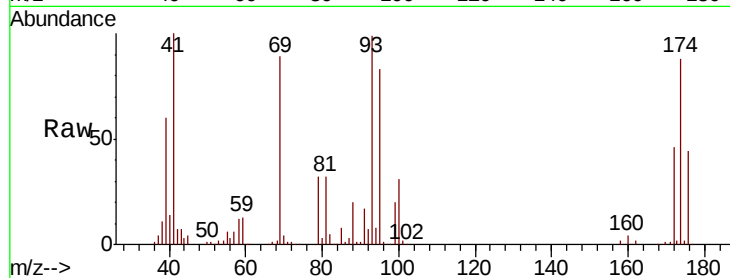
Tot Ion: 88 Resp: 18298

Ion Ratio Lower Upper

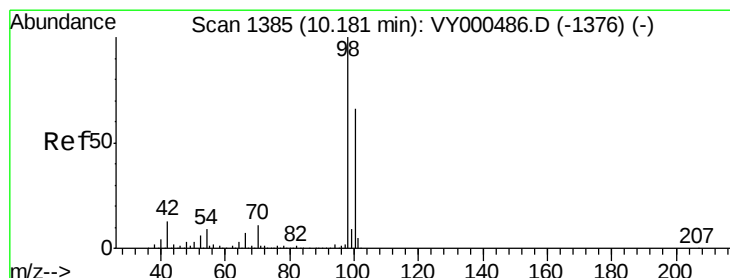
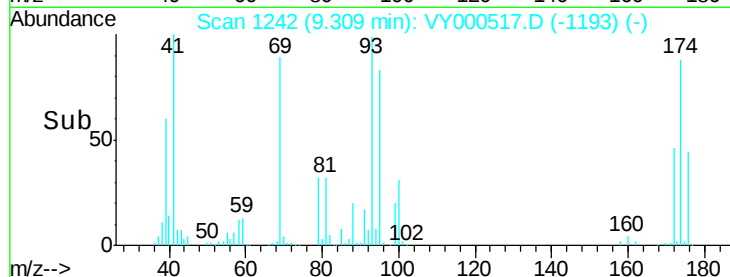
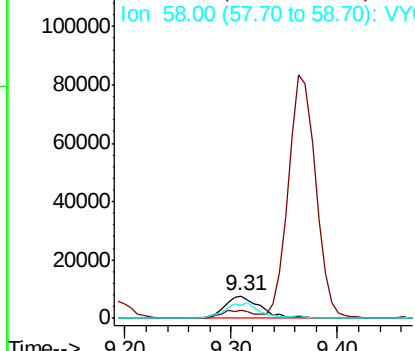
88 100

43 30.4 25.1 37.7

58 71.8 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 54.975 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000517.D

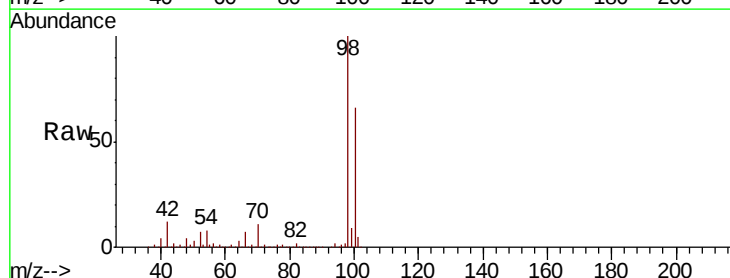
Acq: 01 Nov 2019 10:54

Tgt Ion: 98 Resp: 473164

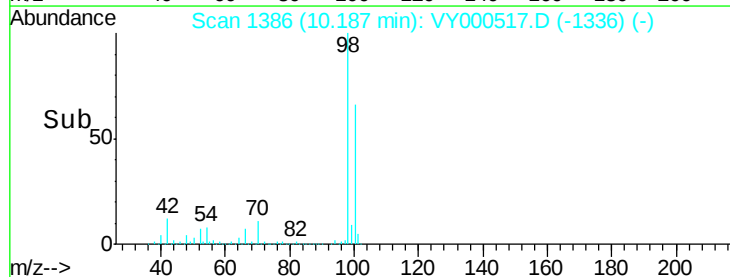
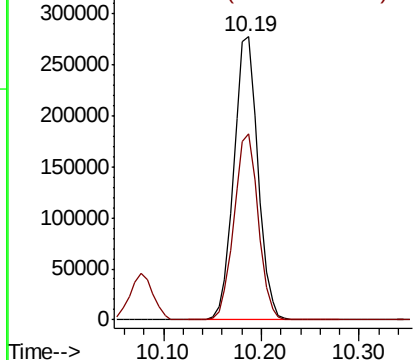
Ion Ratio Lower Upper

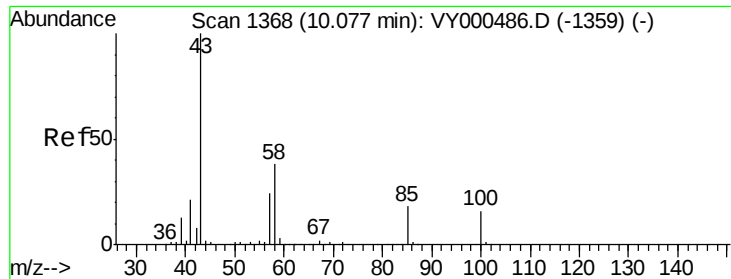
98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 235.555 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

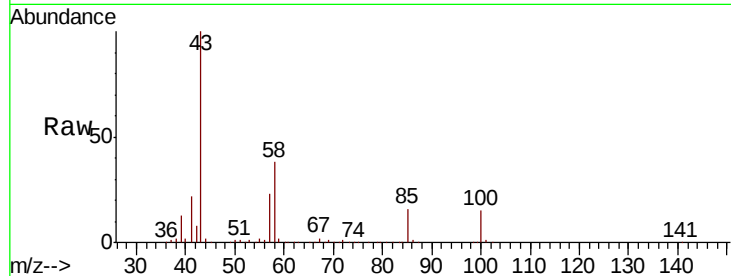
ClientSampleId :

Tot Ion: 43 Resp: 510180

Ion Ratio Lower Upper

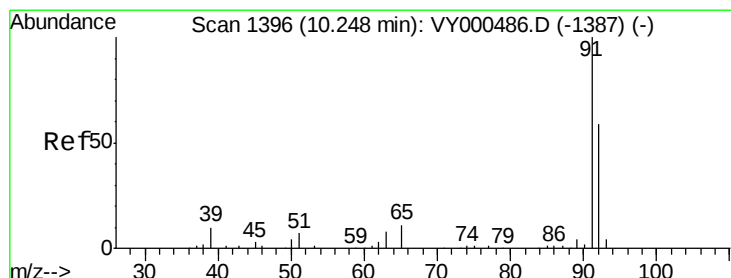
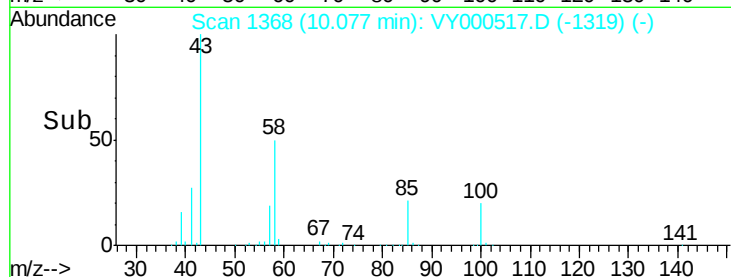
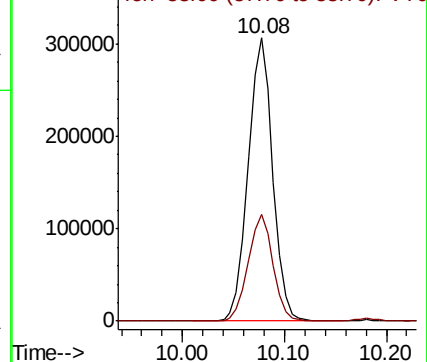
43 100

58 37.9 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000517.D (-1319) (-)

Ion 58.00 (57.70 to 58.70): VY000517.D (-1319) (-)



#52

Toluene

Concen: 52.540 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000517.D

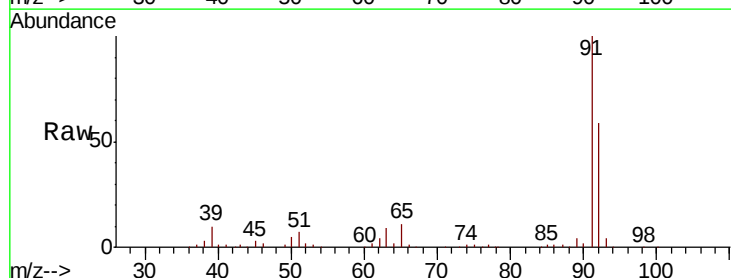
Acq: 01 Nov 2019 10:54

Tgt Ion: 92 Resp: 355715

Ion Ratio Lower Upper

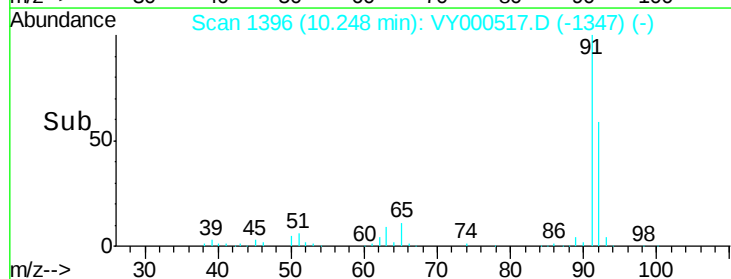
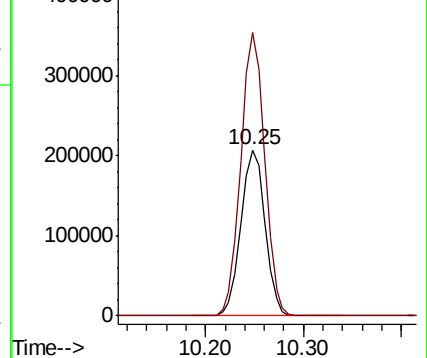
92 100

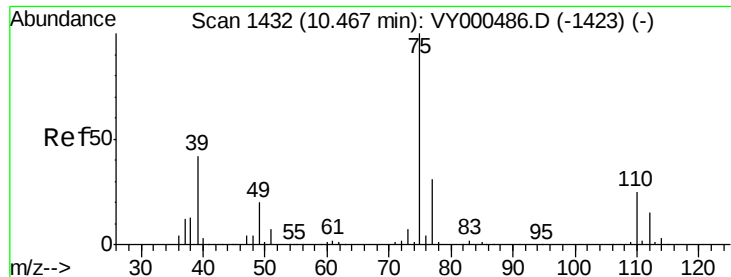
91 169.0 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000517.D (-1347) (-)

Ion 91.00 (90.70 to 91.70): VY000517.D (-1347) (-)

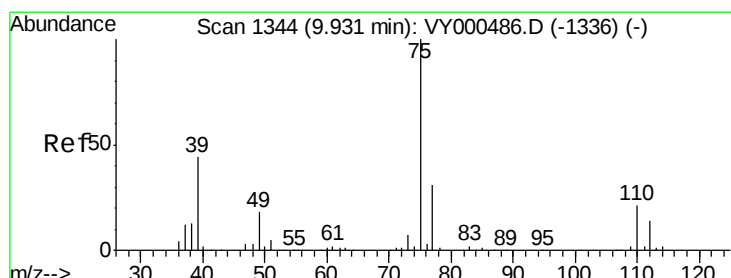
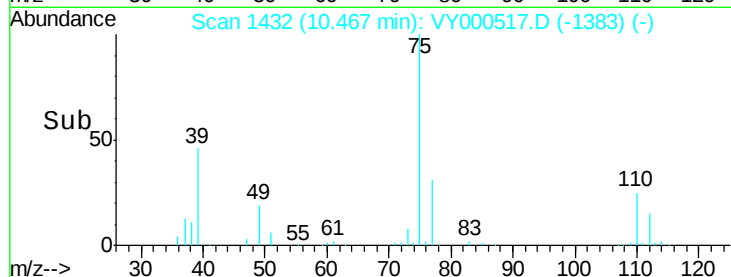
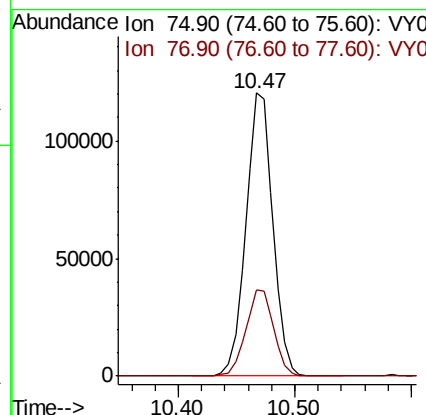
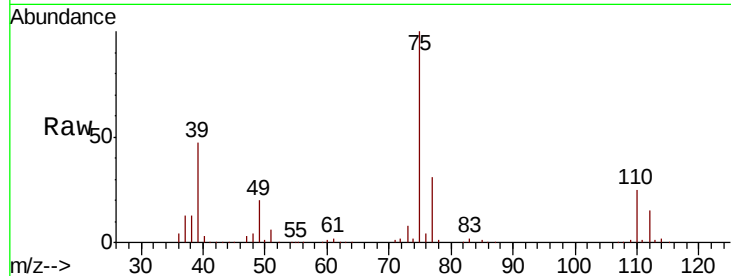




#53
 t-1,3-Dichloropropene
 Concen: 52.841 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

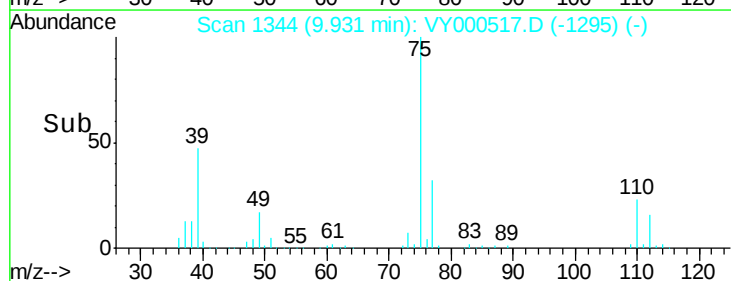
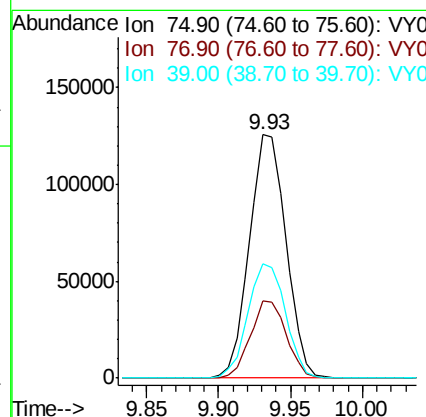
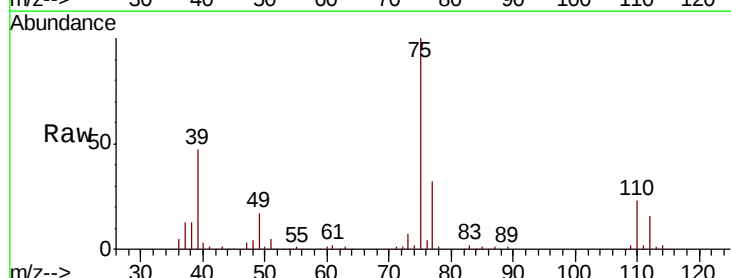
Instrument :
 MSVOA_Y
 ClientSampled :

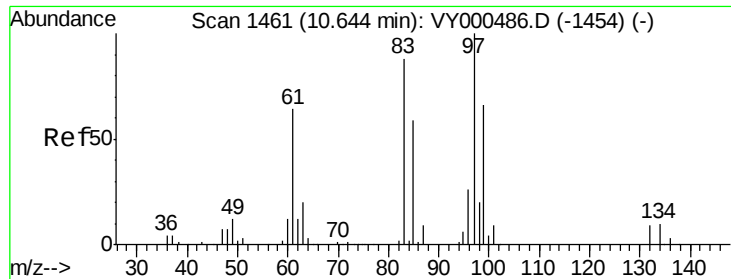
Tot Ion: 75 Resp: 194184
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.464 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion: 75 Resp: 220872
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7
 39 47.1 35.4 53.2

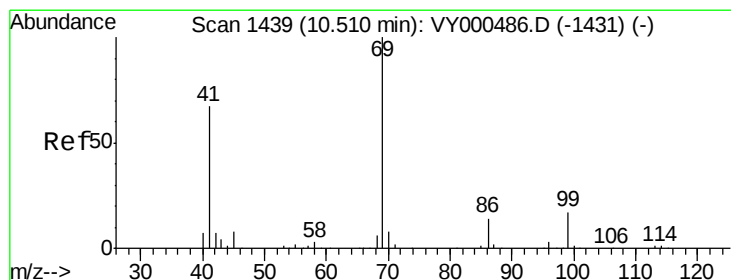
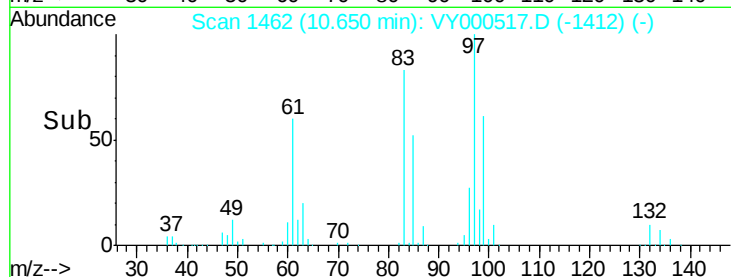
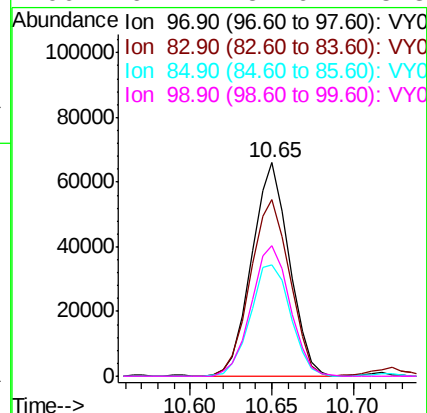
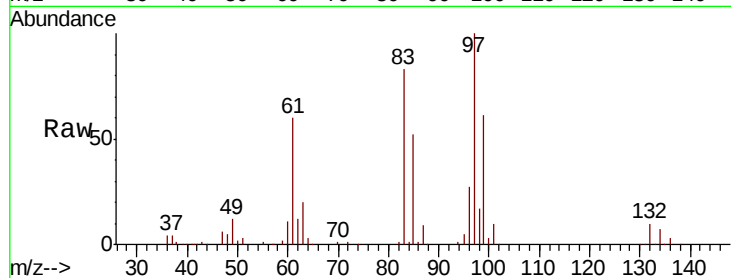




#55
 1,1,2-Trichloroethane
 Concen: 50.372 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

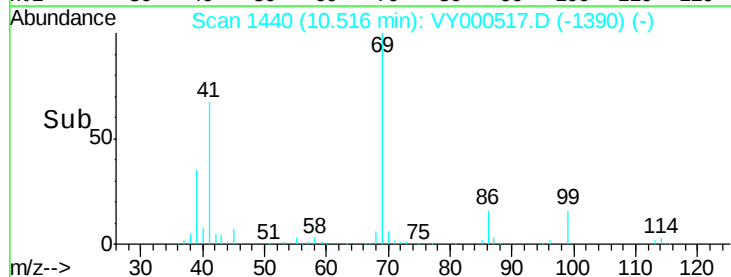
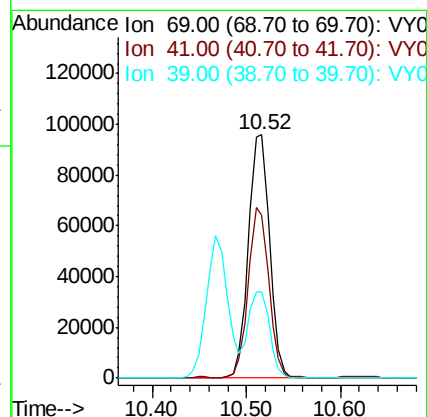
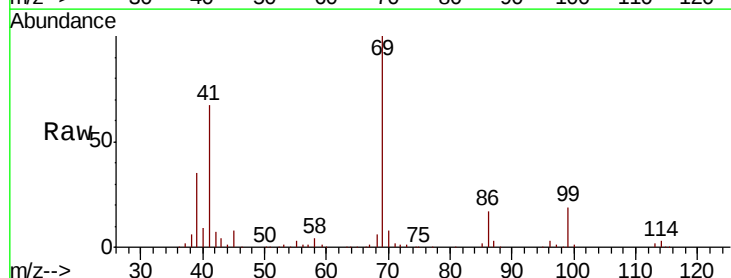
Instrument :
 MSVOA_Y
 ClientSampled :

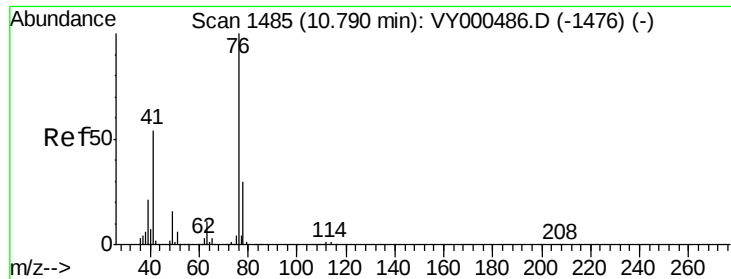
Tot Ion: 97 Resp: 105605
 Ion Ratio Lower Upper
 97 100
 83 83.0 70.2 105.4
 85 52.2 46.9 70.3
 99 61.4 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 50.932 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion: 69 Resp: 151341
 Ion Ratio Lower Upper
 69 100
 41 68.2 53.3 79.9
 39 36.2 28.0 42.0





#57

1,3-Dichloropropane

Concen: 51.442 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

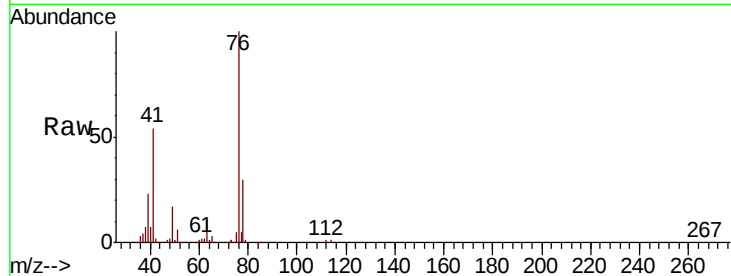
ClientSampled :

Tot Ion: 76 Resp: 188754

Ion Ratio Lower Upper

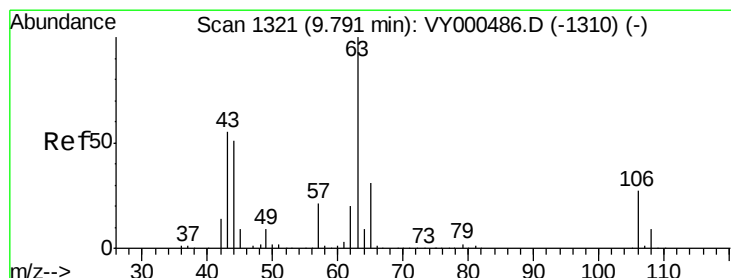
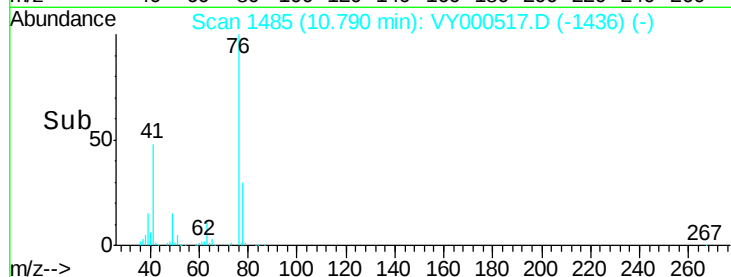
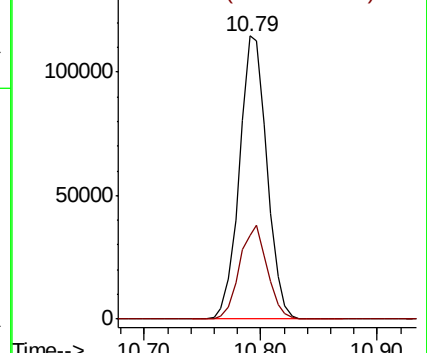
76 100

78 33.3 25.2 37.8



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: 238.375 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000517.D

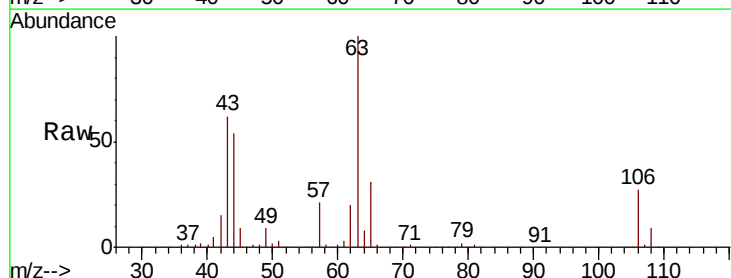
Acq: 01 Nov 2019 10:54

Tgt Ion: 63 Resp: 320220

Ion Ratio Lower Upper

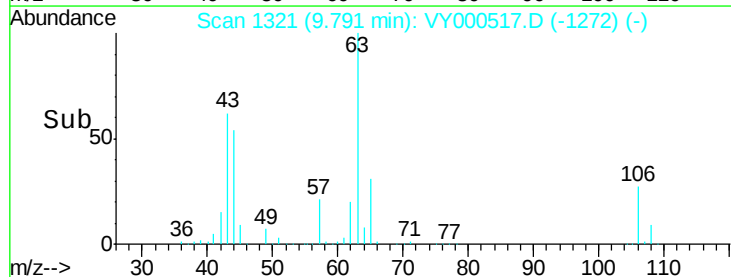
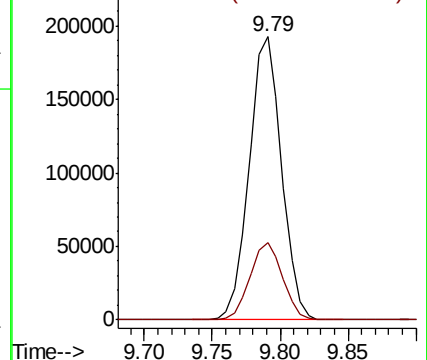
63 100

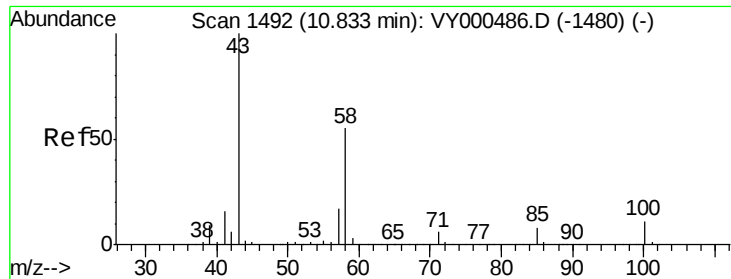
106 27.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

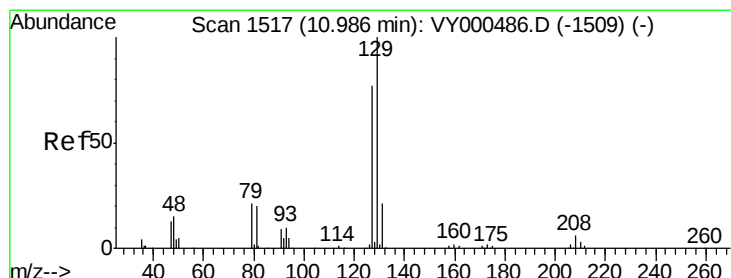
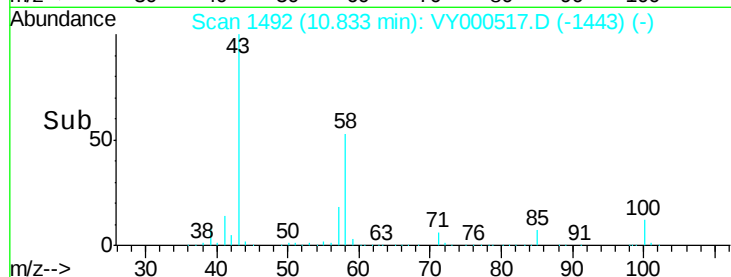
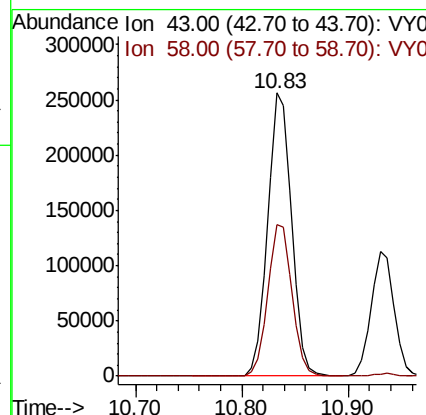
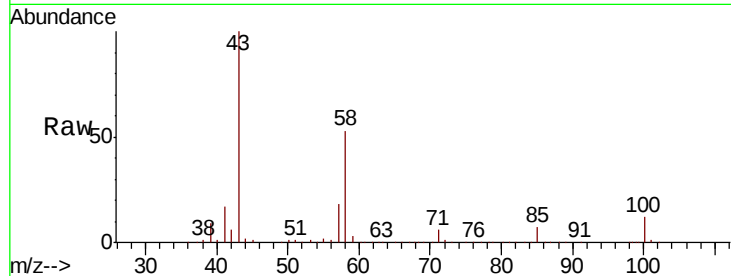




#59
2-Hexanone
Concen: 255.715 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

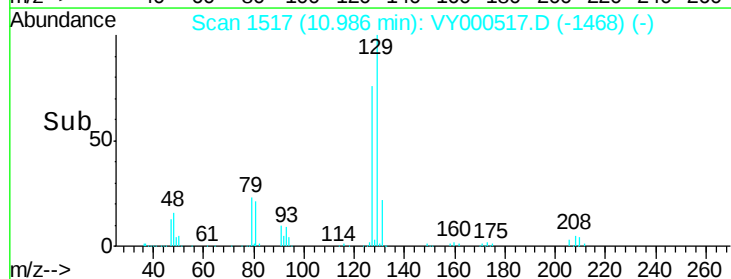
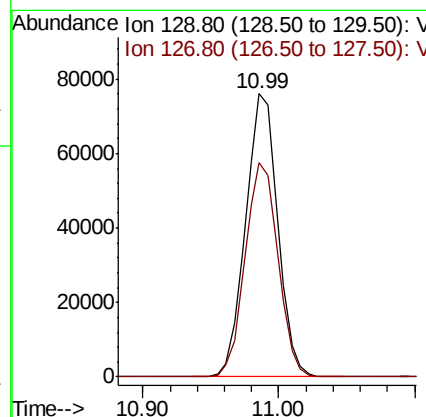
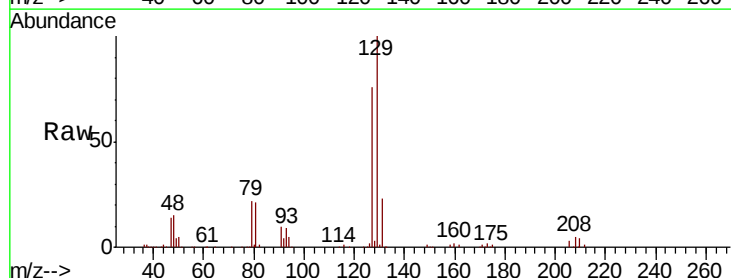
Instrument :
MSVOA_Y
ClientSampled :

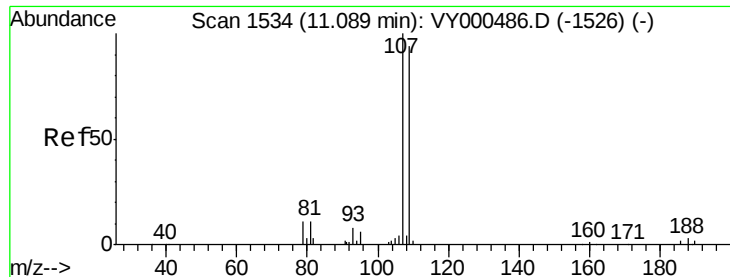
Tot Ion: 43 Resp: 403527
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 52.377 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 129 Resp: 125777
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

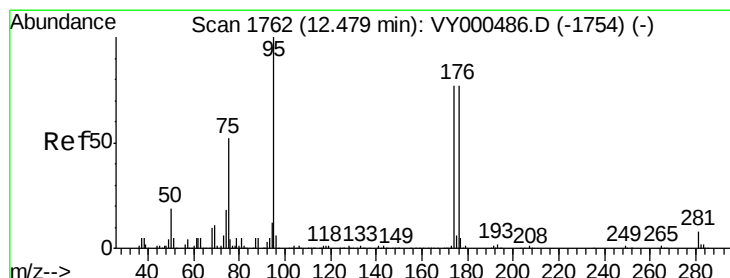
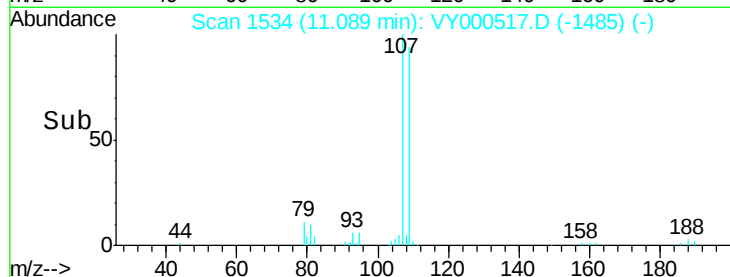
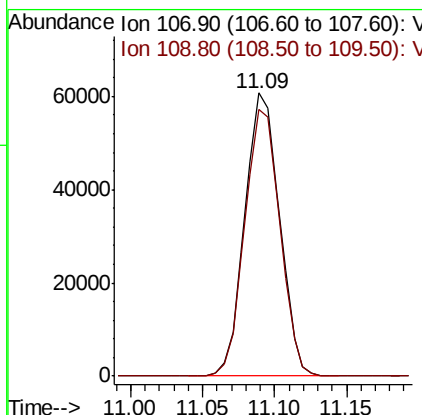
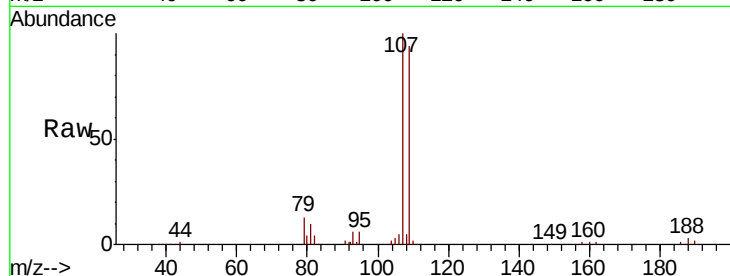




#61
 1,2-Dibromoethane
 Concen: 50.210 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

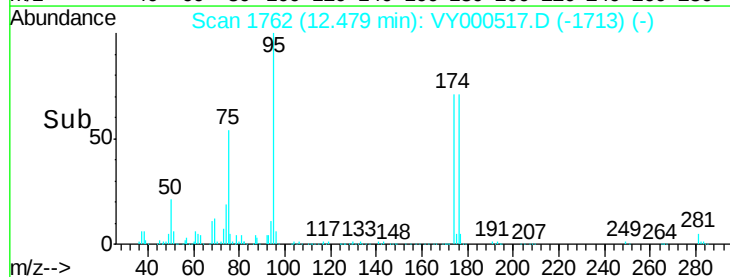
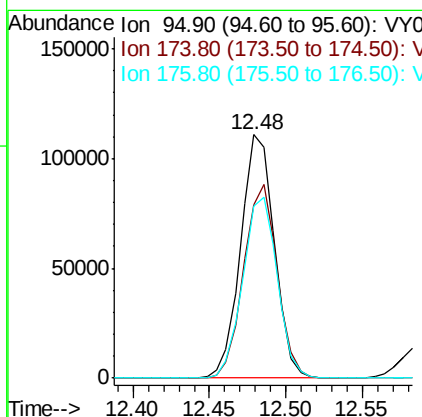
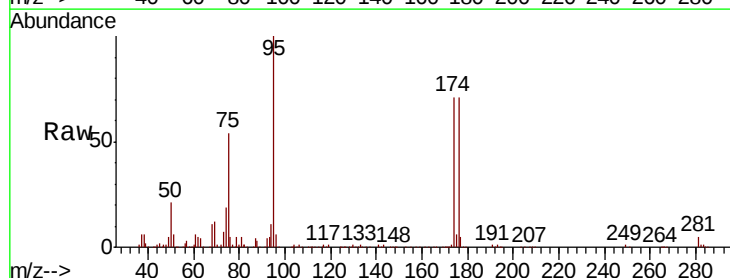
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 101211
 Ion Ratio Lower Upper
 107 100
 109 95.6 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 51.727 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion: 95 Resp: 169488
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 161.6
 176 76.5 0.0 157.8

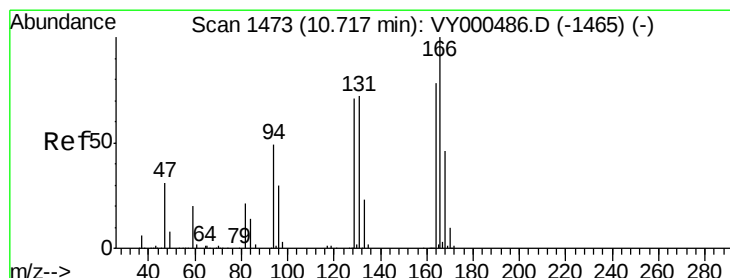
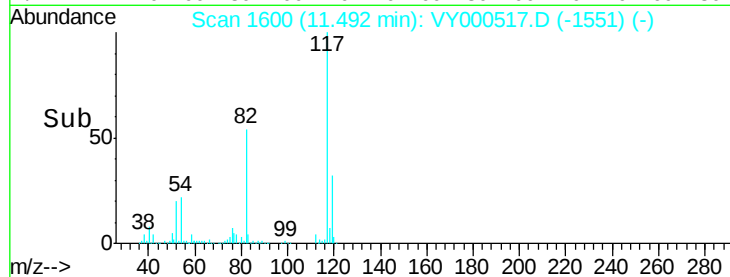
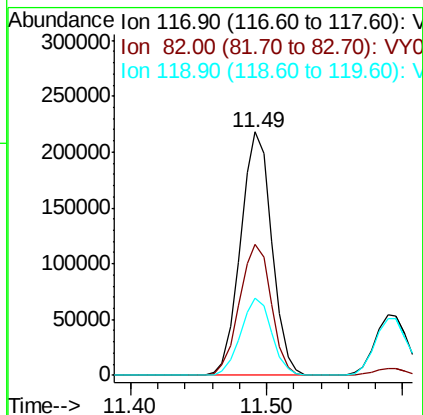
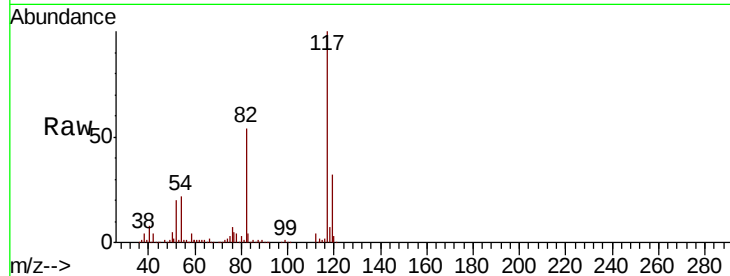




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

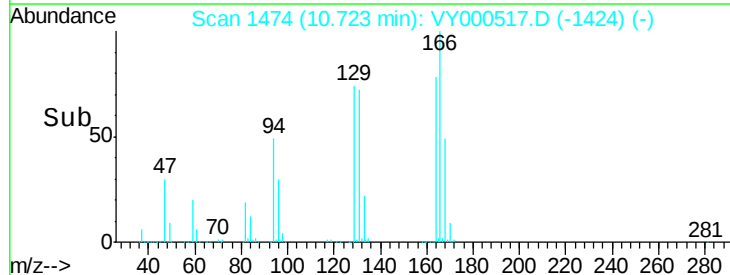
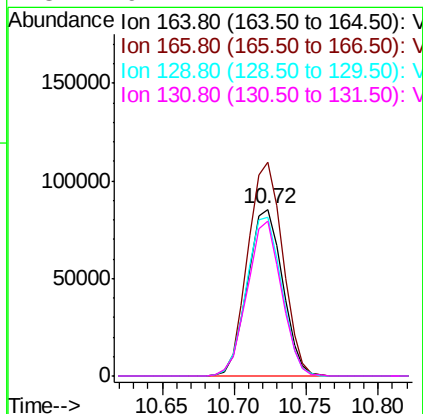
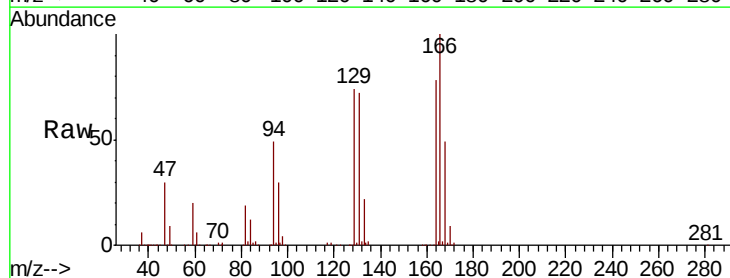
Instrument :
MSVOA_Y
ClientSampled :

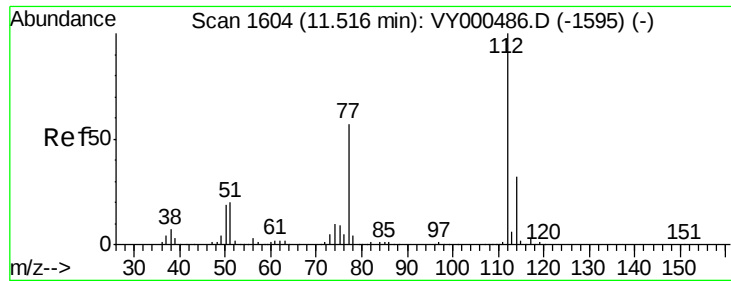
Tot Ion:117 Resp: 349349
Ion Ratio Lower Upper
117 100
82 53.6 40.8 61.2
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 49.831 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion:164 Resp: 143947
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 95.0 73.2 109.8
131 92.7 74.2 111.2

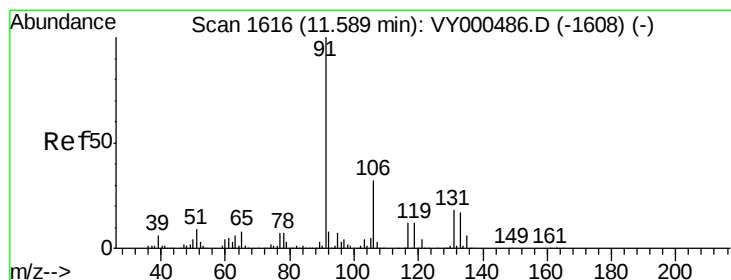
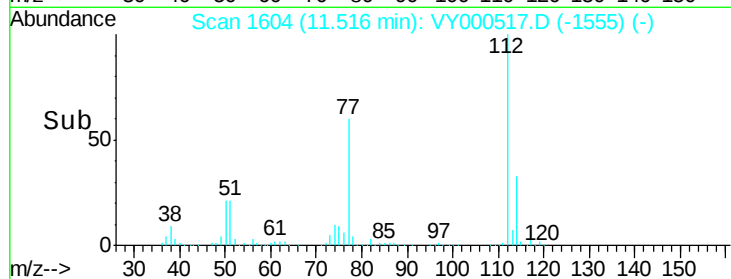
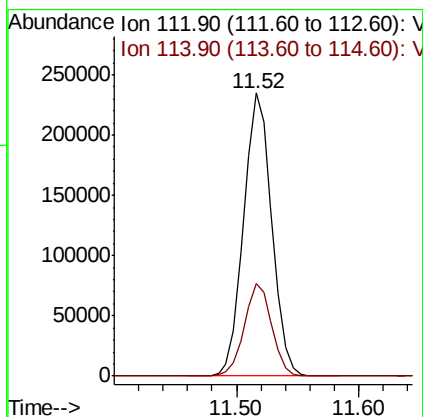
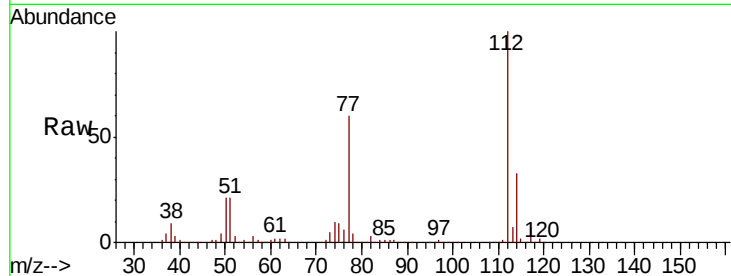




#65
Chlorobenzene
Concen: 52.764 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

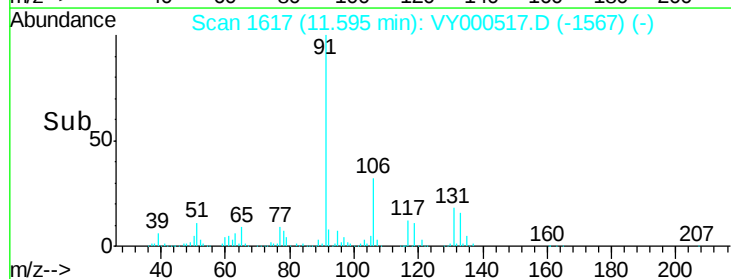
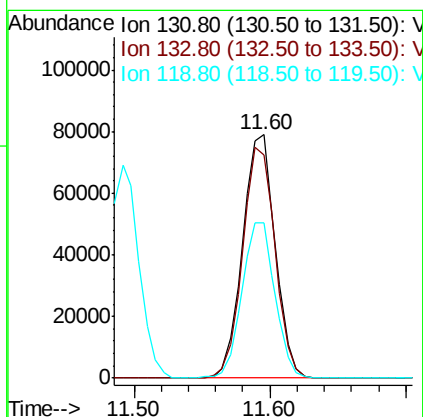
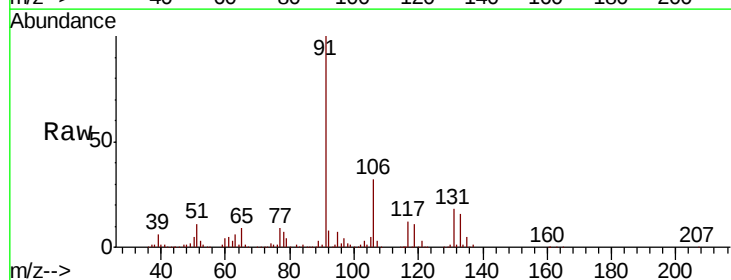
Instrument :
MSVOA_Y
ClientSampled :

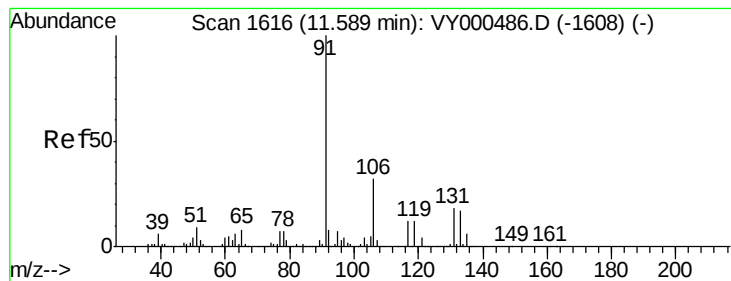
Tot Ion:112 Resp: 373728
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.711 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion:131 Resp: 131941
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 64.8 33.1 99.3





#67

Ethyl Benzene

Concen: 52.637 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

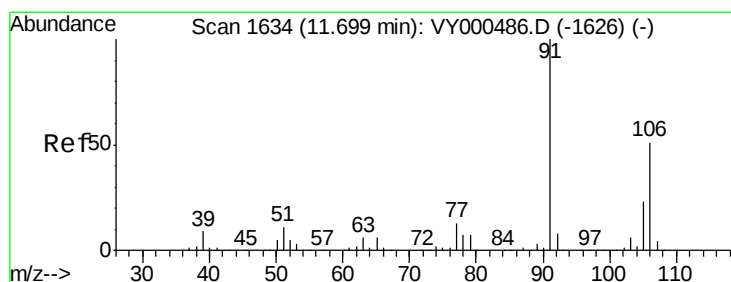
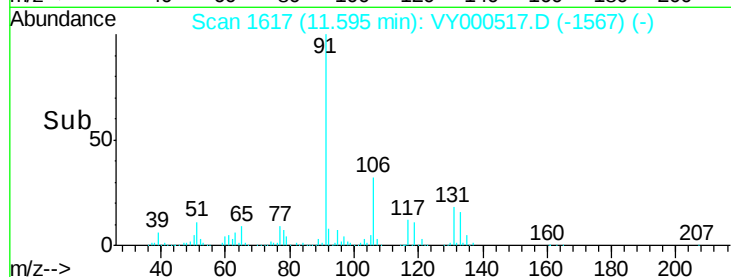
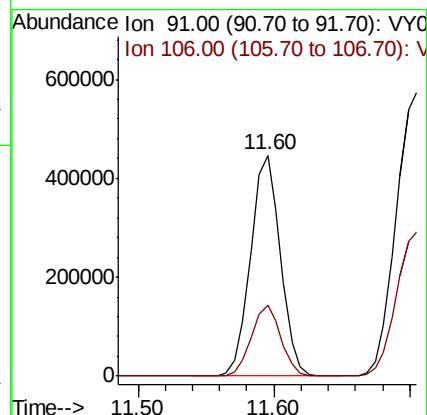
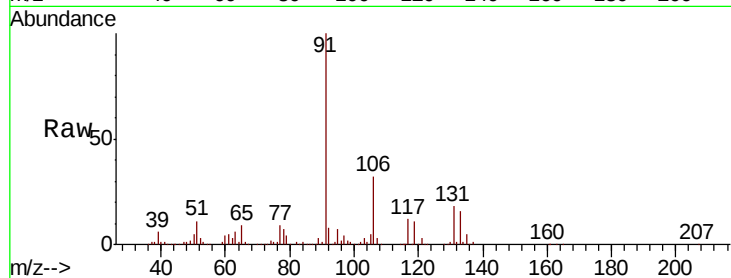
ClientSampleId :

Tot Ion: 91 Resp: 686169

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0



#68

m/p-Xylenes

Concen: 104.898 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY000517.D

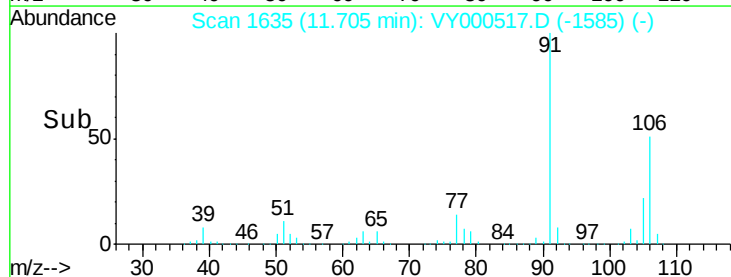
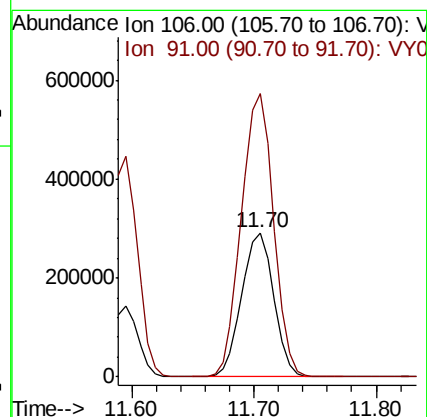
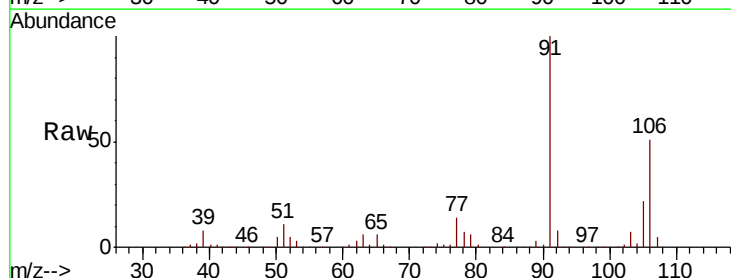
Acq: 01 Nov 2019 10:54

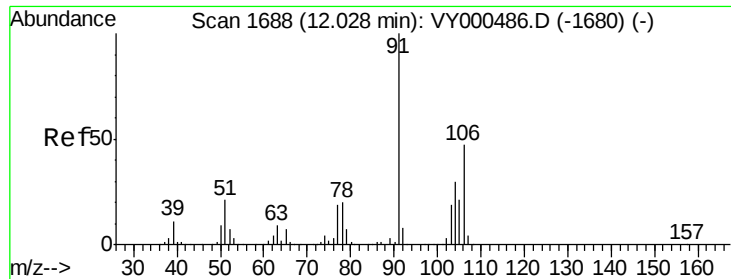
Tgt Ion: 106 Resp: 529248

Ion Ratio Lower Upper

106 100

91 197.8 155.9 233.9

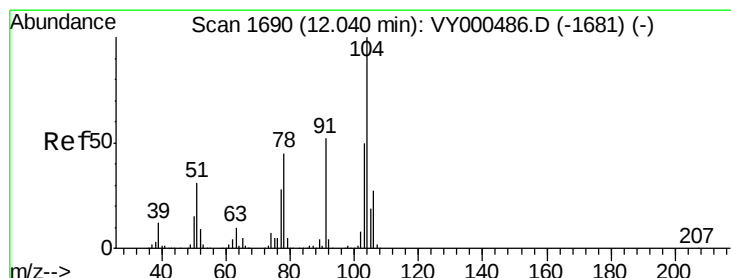
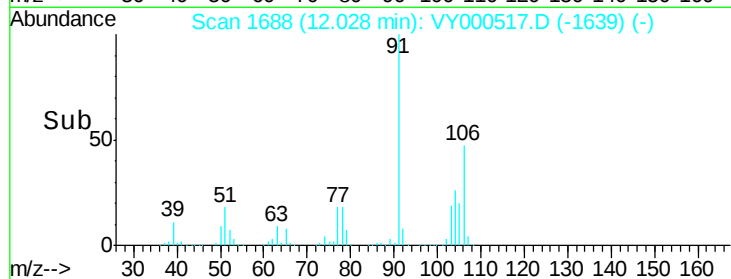
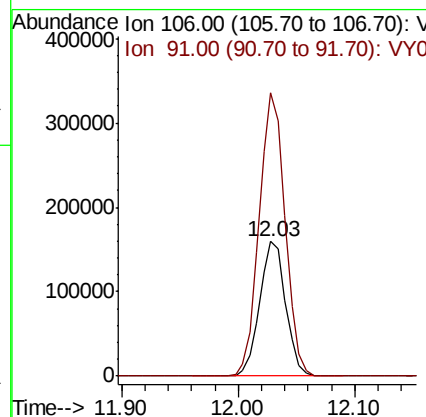
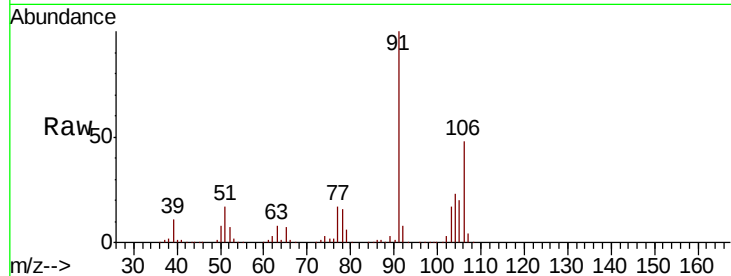




#69
o-Xylene
Concen: 52.473 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

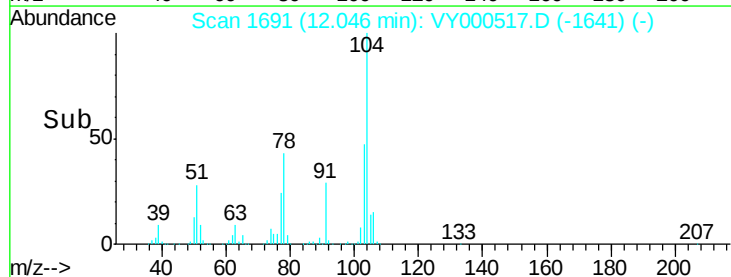
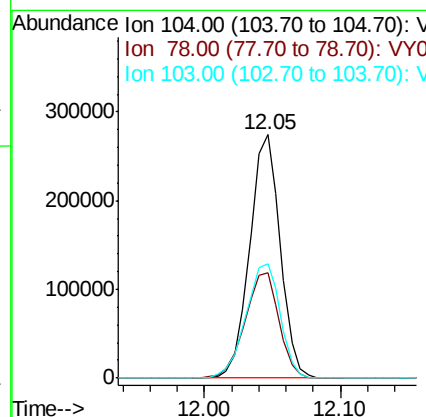
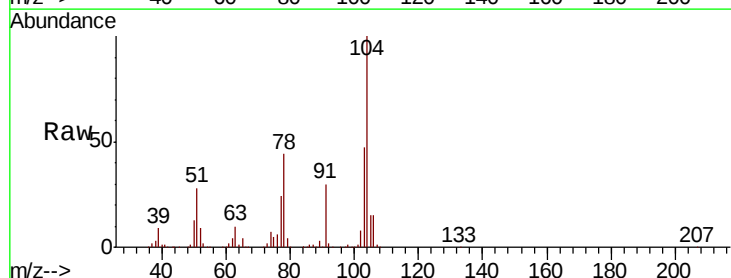
Instrument :
MSVOA_Y
ClientSampled :

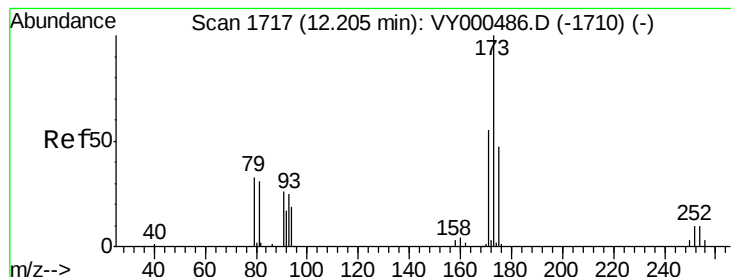
Tot Ion:106 Resp: 248813
Ion Ratio Lower Upper
106 100
91 209.5 106.5 319.6



#70
Styrene
Concen: 53.023 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion:104 Resp: 430525
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.0 42.5 63.7





#71

Bromoform

Concen: 52.637 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampleId :

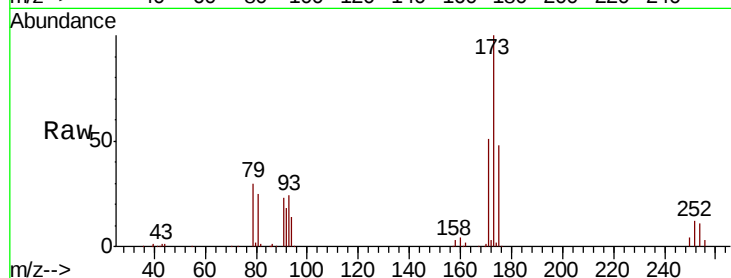
Tot Ion:173 Resp: 74371

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.2

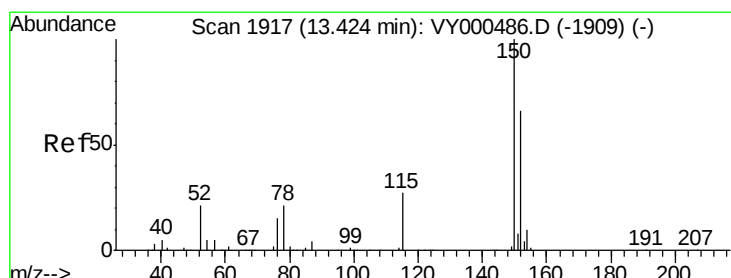
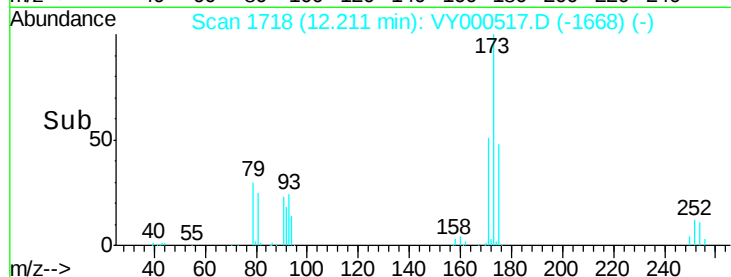
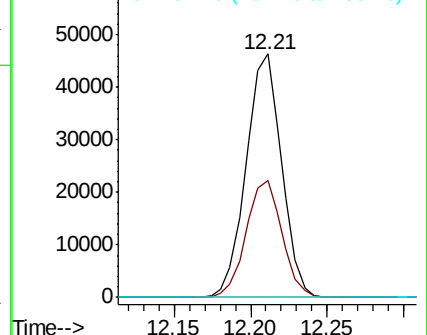
254 0.0 0.1 0.1#



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# 1917

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

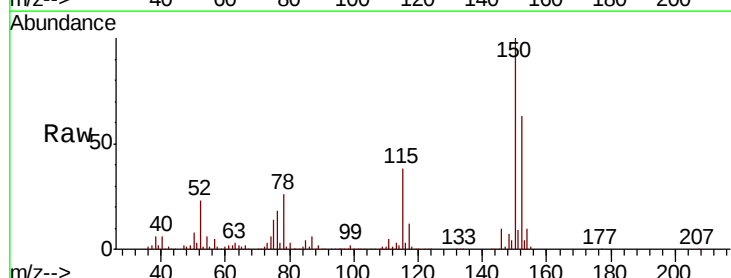
Tgt Ion:152 Resp: 175550

Ion Ratio Lower Upper

152 100

115 59.6 29.1 87.4

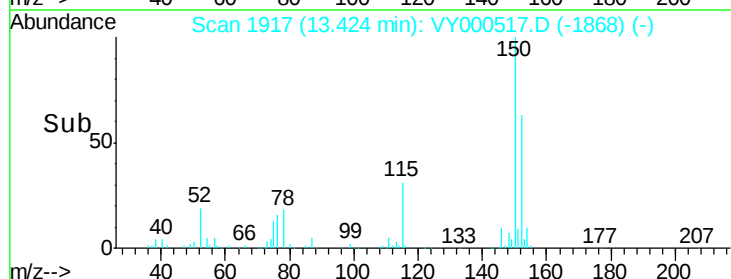
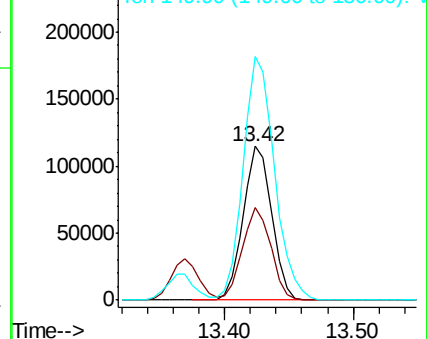
150 173.2 0.0 348.8

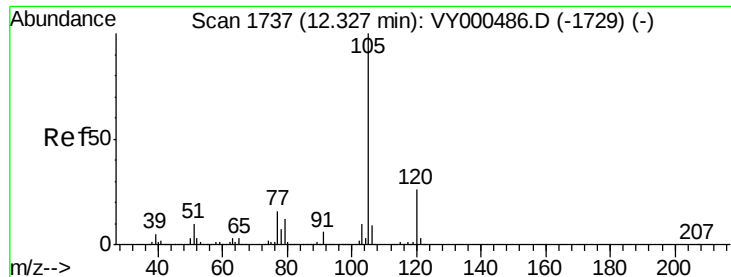


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.067 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

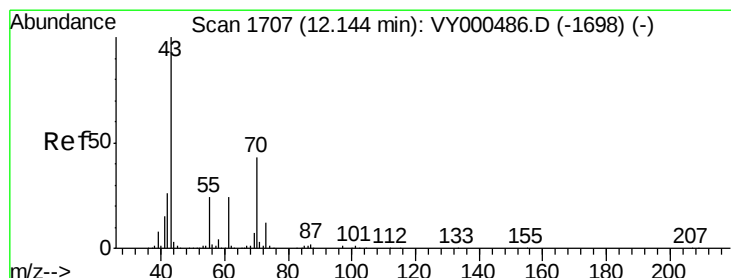
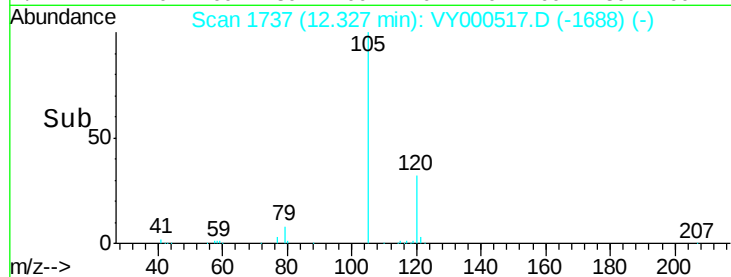
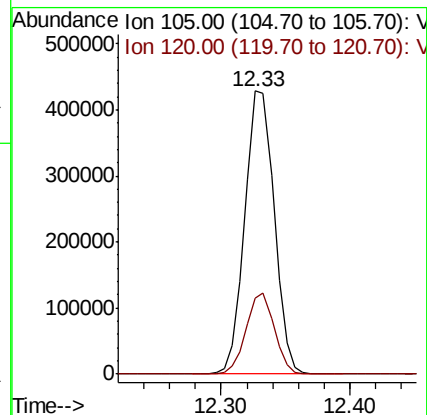
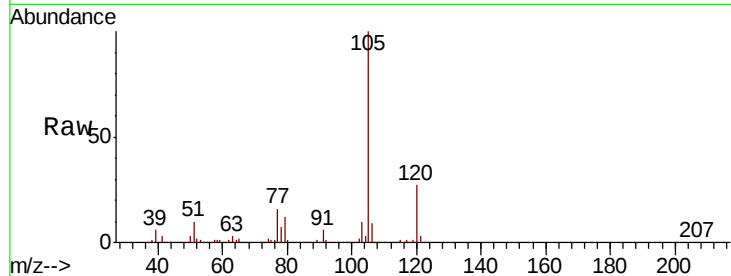
ClientSampleId :

Tot Ion:105 Resp: 675544

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 50.323 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Tgt Ion: 43 Resp: 186994

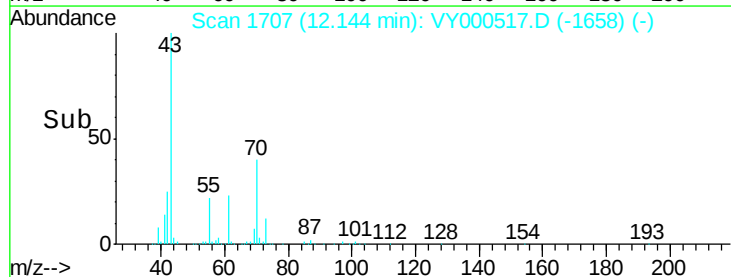
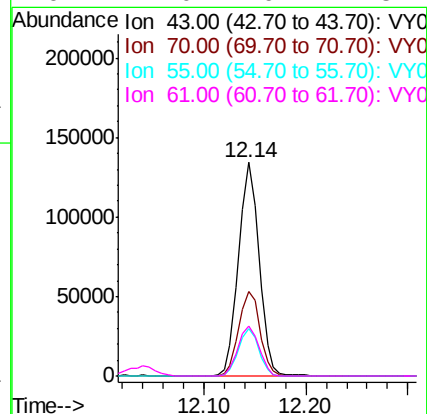
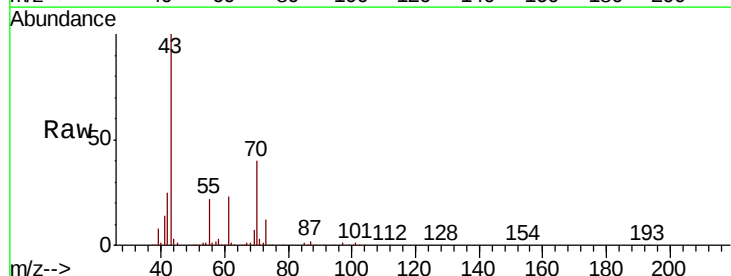
Ion Ratio Lower Upper

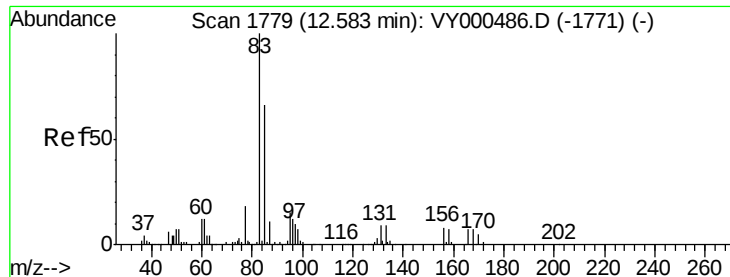
43 100

70 40.8 33.1 49.7

55 22.3 18.0 27.0

61 24.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.669 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampled :

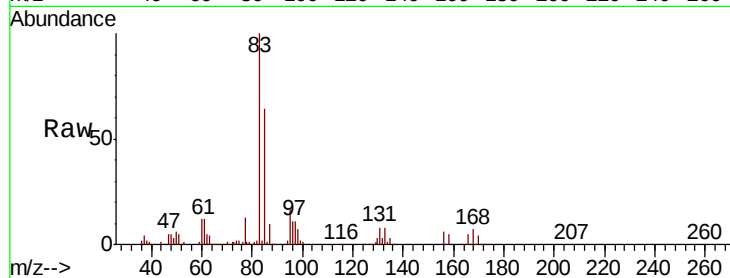
Tot Ion: 83 Resp: 125028

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

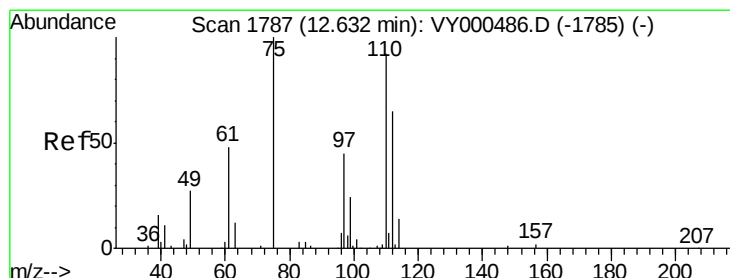
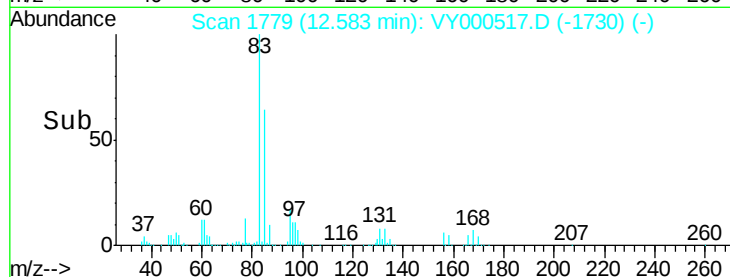
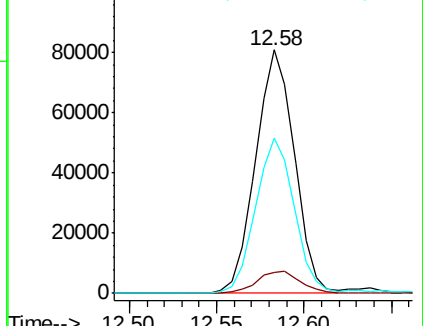
85 63.3 32.3 96.9



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: 86.681 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000517.D

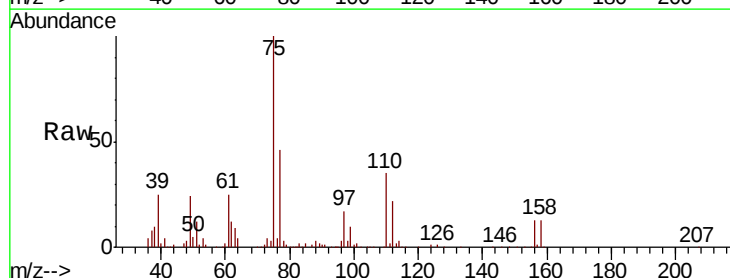
Acq: 01 Nov 2019 10:54

Tgt Ion: 75 Resp: 173265

Ion Ratio Lower Upper

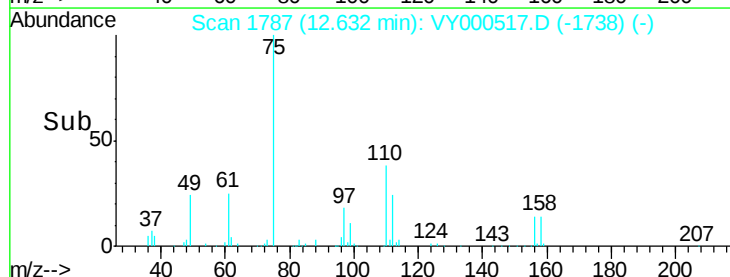
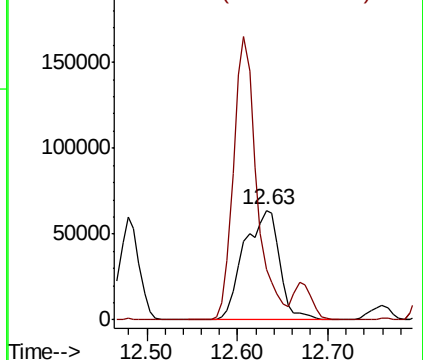
75 100

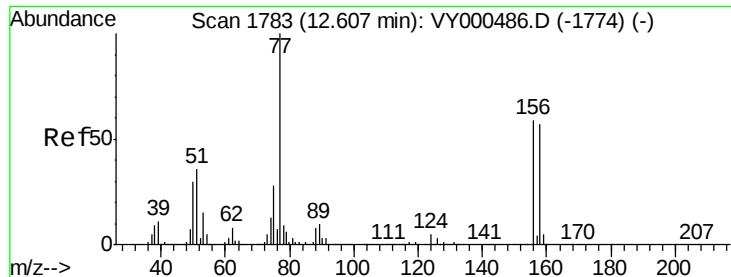
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.213 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampleId :

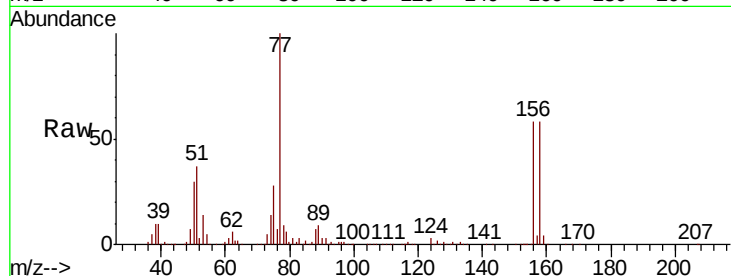
Tot Ion:156 Resp: 150679

Ion Ratio Lower Upper

156 100

77 196.1 98.2 294.4

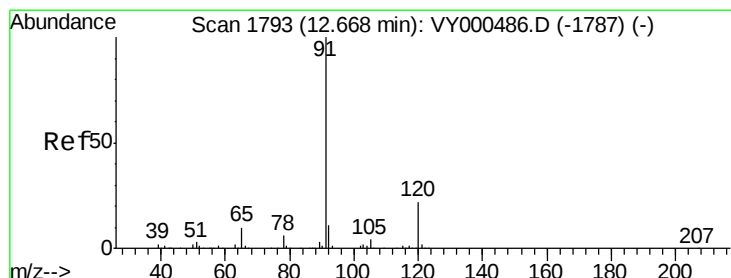
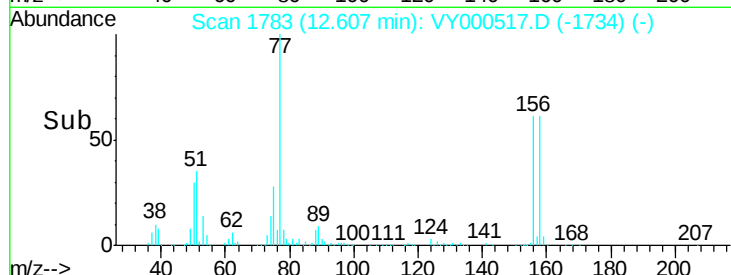
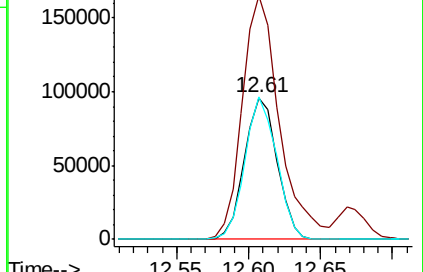
158 97.6 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.170 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000517.D

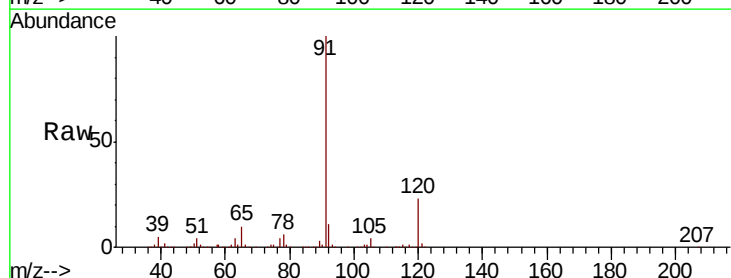
Acq: 01 Nov 2019 10:54

Tgt Ion: 91 Resp: 816708

Ion Ratio Lower Upper

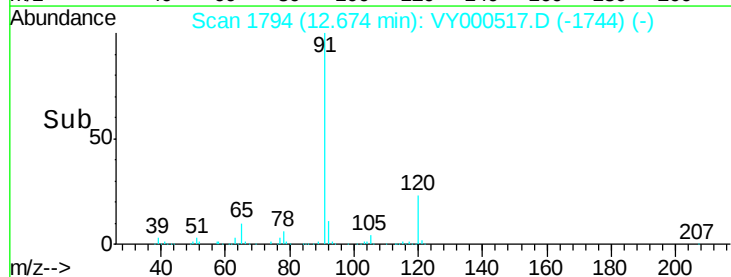
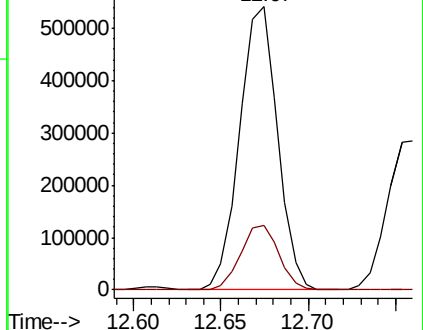
91 100

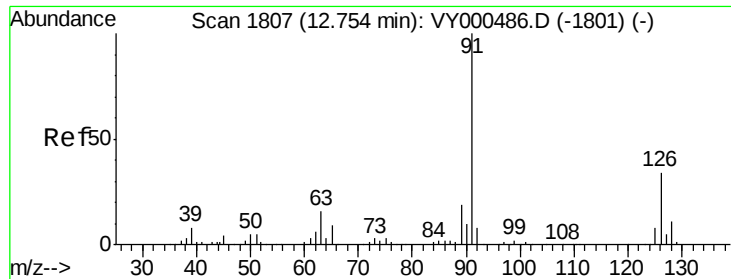
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.566 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

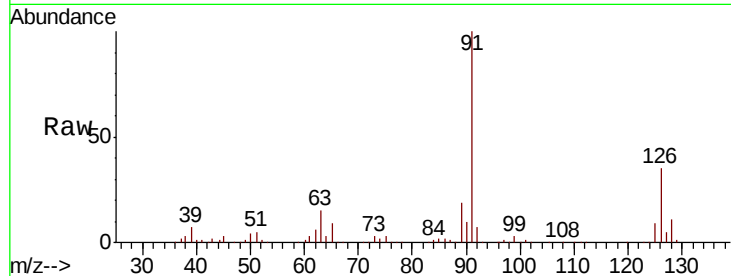
ClientSampleId :

Tot Ion: 91 Resp: 456842

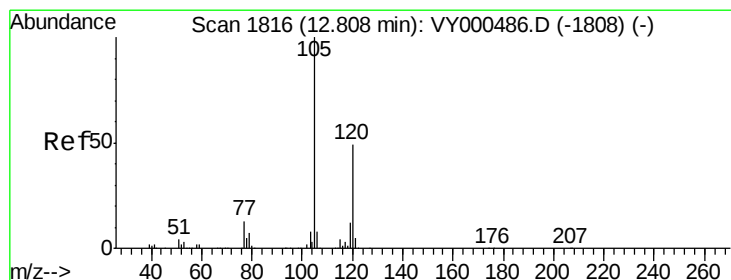
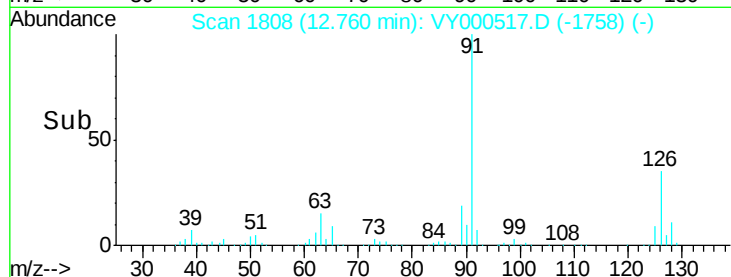
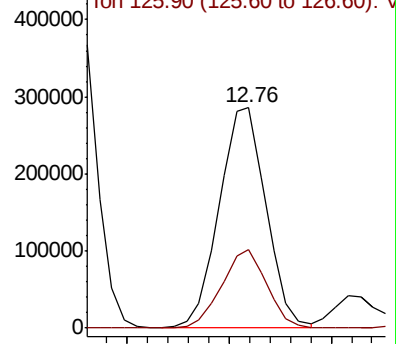
Ion Ratio Lower Upper

91 100

126 34.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000517.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.478 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000517.D

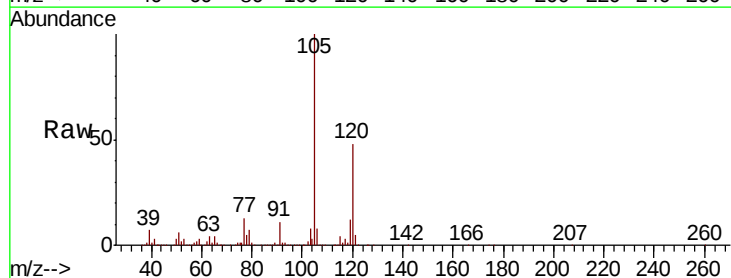
Acq: 01 Nov 2019 10:54

Tgt Ion: 105 Resp: 567066

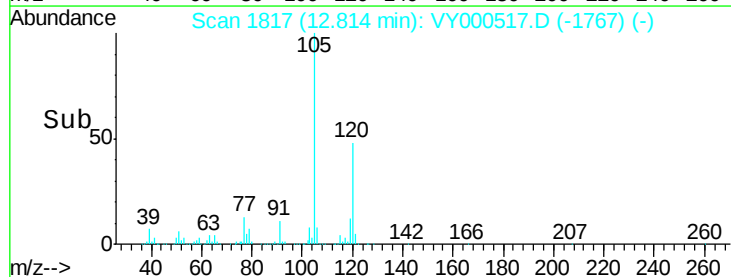
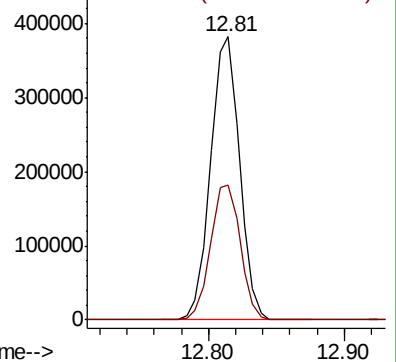
Ion Ratio Lower Upper

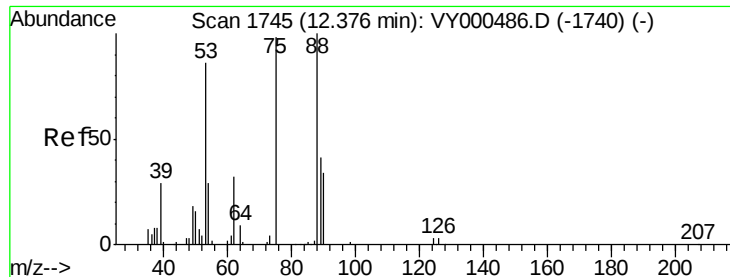
105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000517.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.908 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

ClientSampleId :

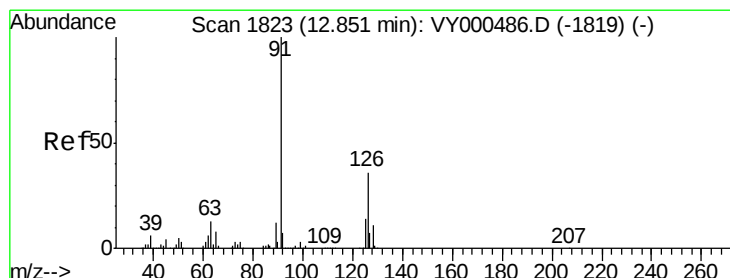
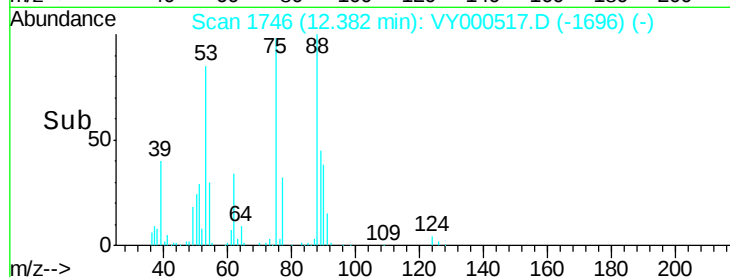
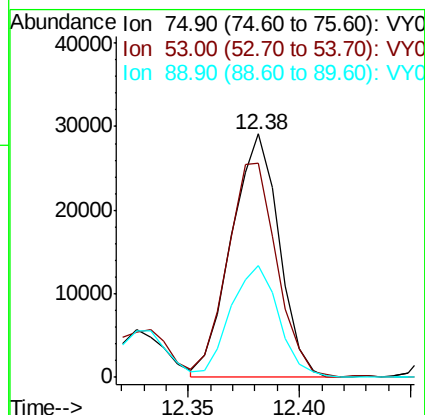
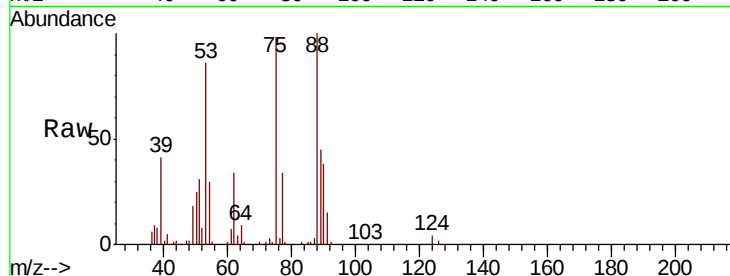
Tot Ion: 75 Resp: 43602

Ion Ratio Lower Upper

75 100

53 91.0 73.2 109.8

89 46.4 35.9 53.9



#82

4-Chlorotoluene

Concen: 53.526 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000517.D

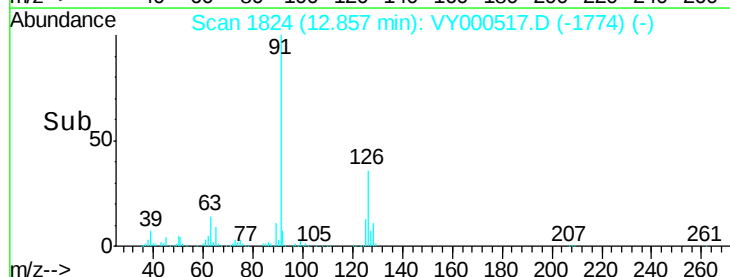
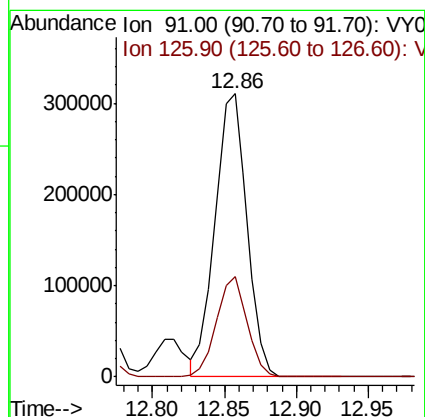
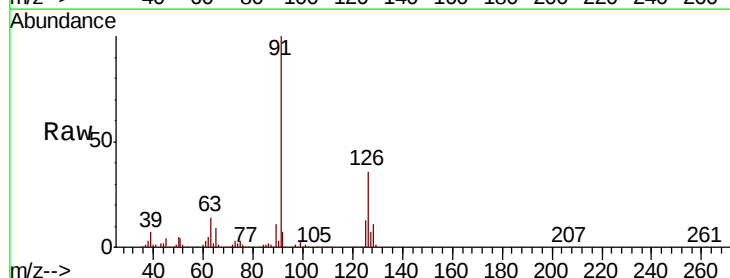
Acq: 01 Nov 2019 10:54

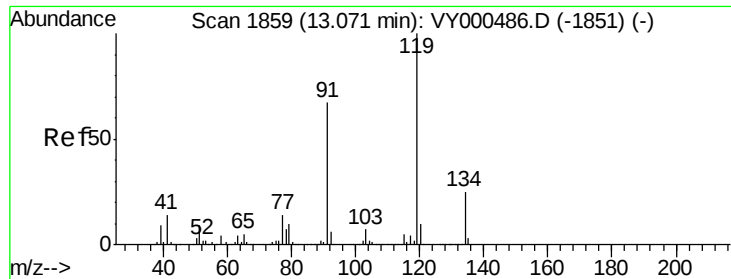
Tgt Ion: 91 Resp: 482206

Ion Ratio Lower Upper

91 100

126 34.2 17.6 52.9

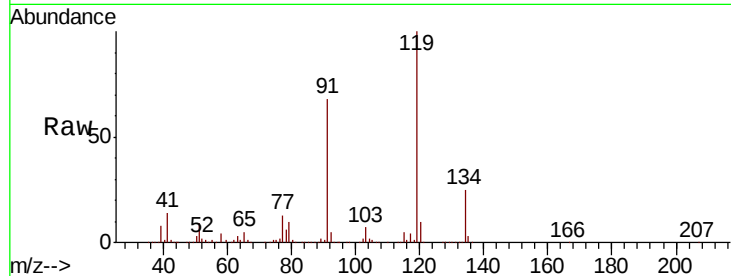




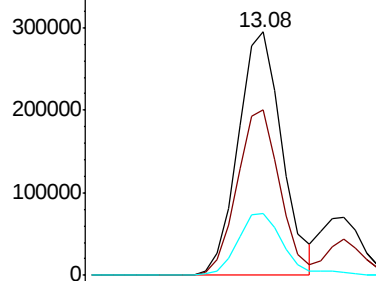
#83
tert-Butylbenzene
Concen: 51.568 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Instrument :
MSVOA_Y
ClientSampleId :

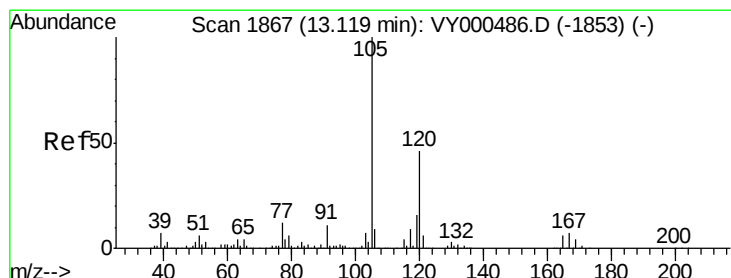
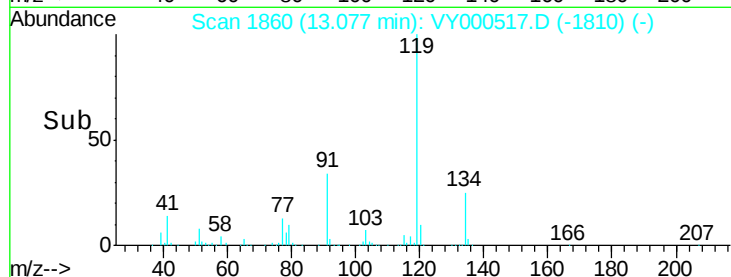
Tot Ion:119 Resp: 475789
Ion Ratio Lower Upper
119 100
91 65.9 32.1 96.3
134 26.8 13.2 39.5



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

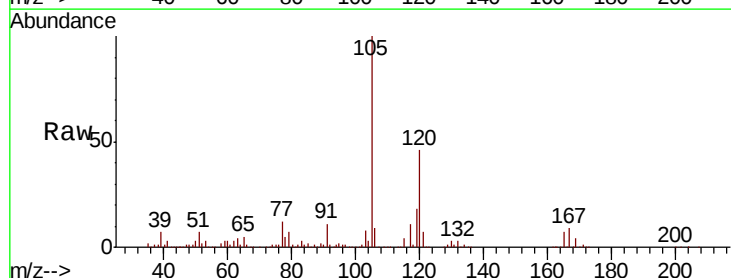


Time-->

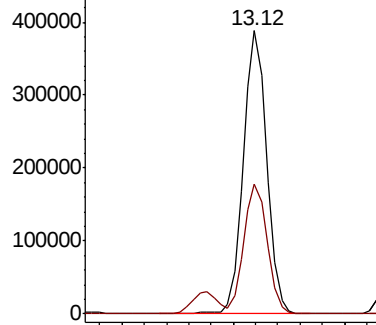


#84
1,2,4-Trimethylbenzene
Concen: 52.753 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

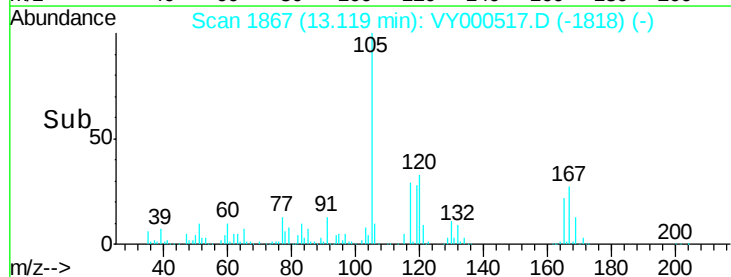
Tgt Ion:105 Resp: 567566
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.9

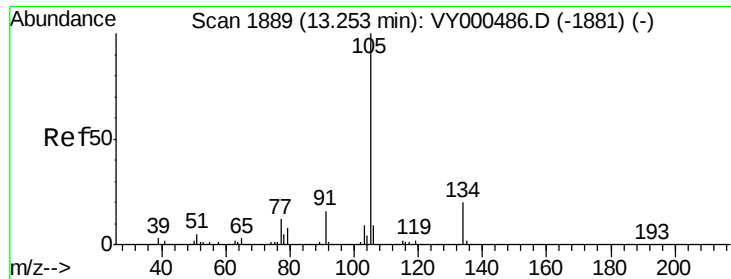


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 52.172 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

Instrument :

MSVOA_Y

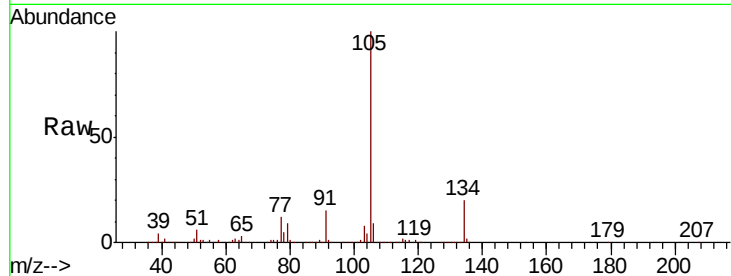
ClientSampleId :

Tot Ion:105 Resp: 685804

Ion Ratio Lower Upper

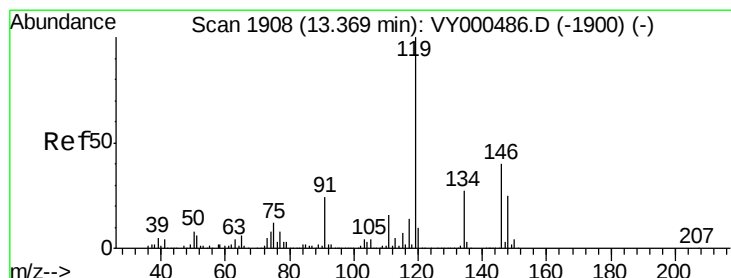
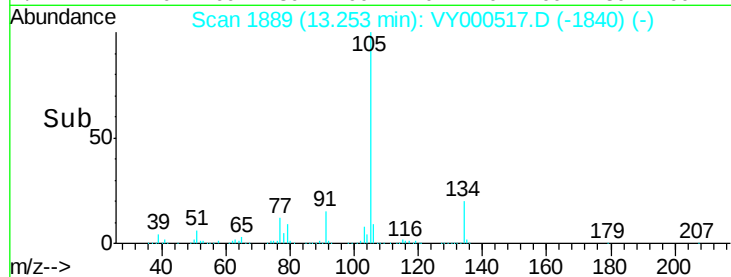
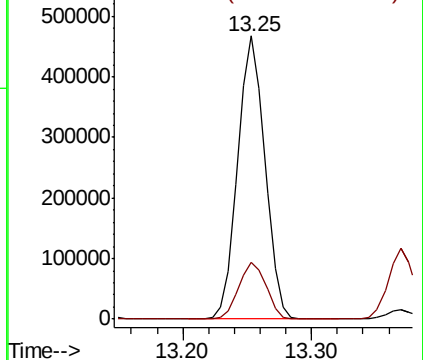
105 100

134 20.3 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: 52.383 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000517.D

Acq: 01 Nov 2019 10:54

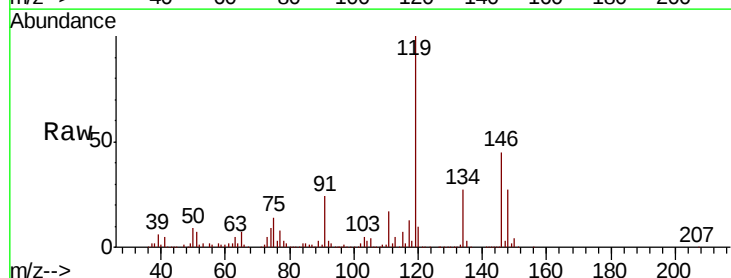
Tgt Ion:119 Resp: 613694

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

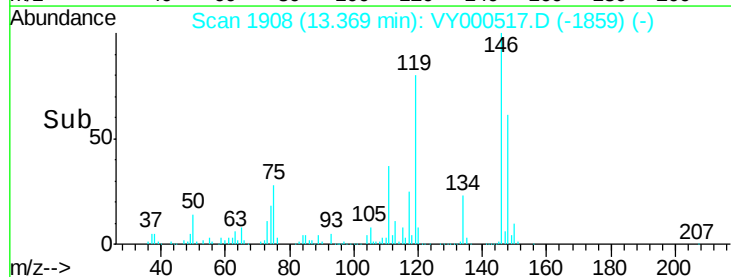
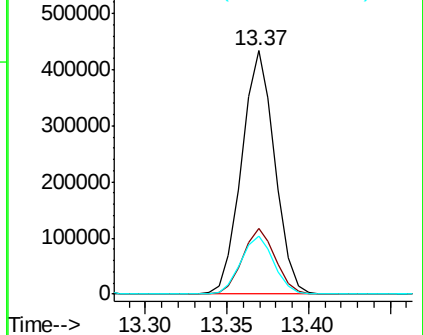
91 23.8 12.0 36.1

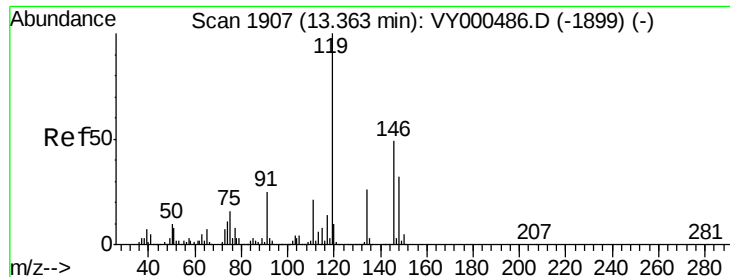


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

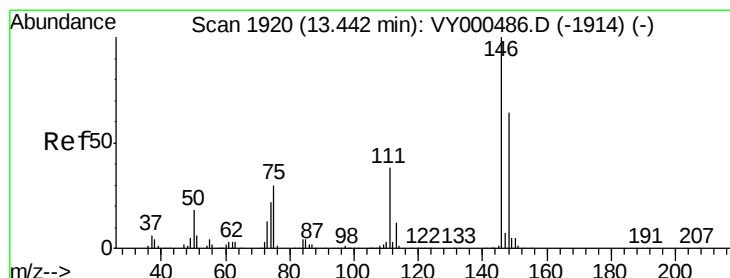
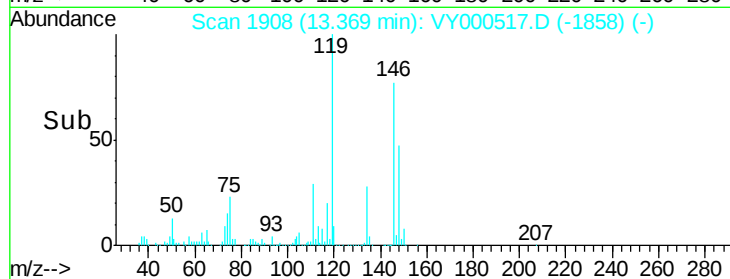
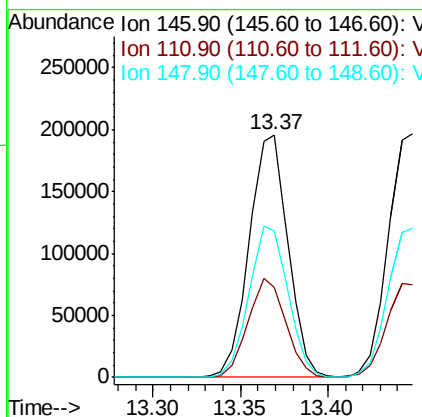
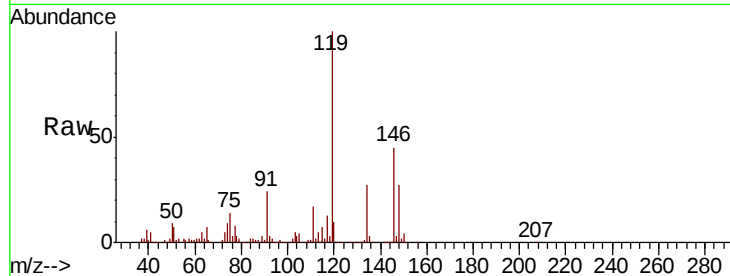




#87
 1,3-Dichlorobenzene
 Concen: 52.270 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

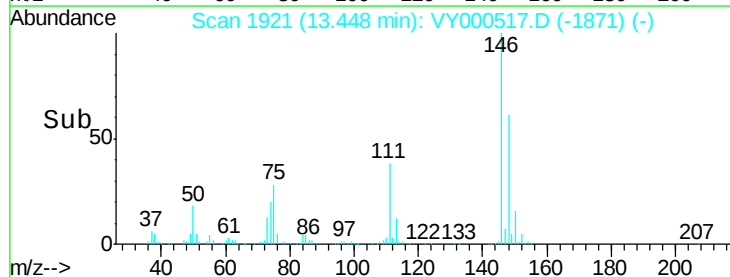
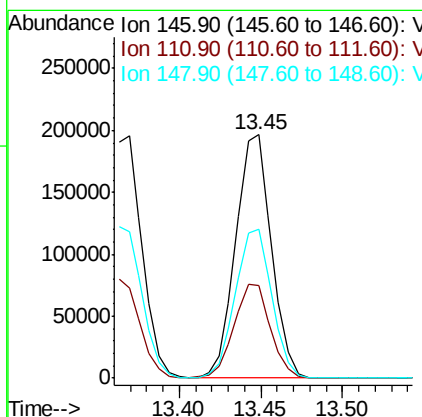
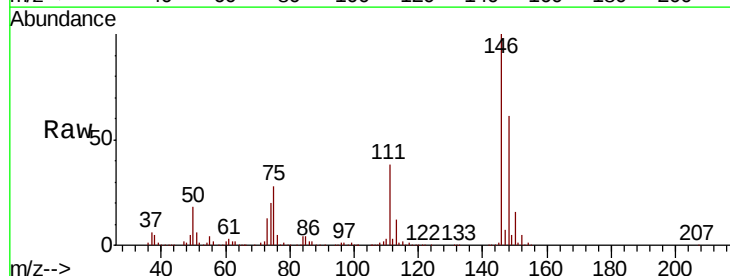
Instrument :
 MSVOA_Y
 ClientSampled :

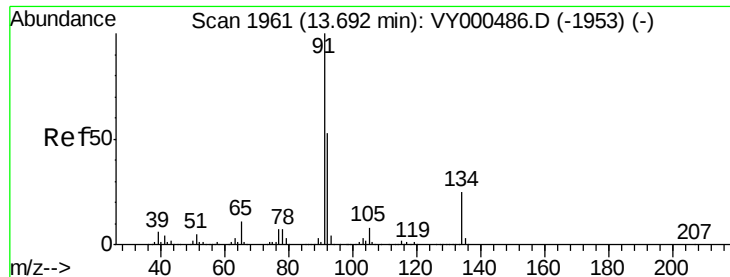
Tot Ion:146 Resp: 301226
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 63.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 52.047 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion:146 Resp: 299725
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.0
 148 62.6 31.9 95.7

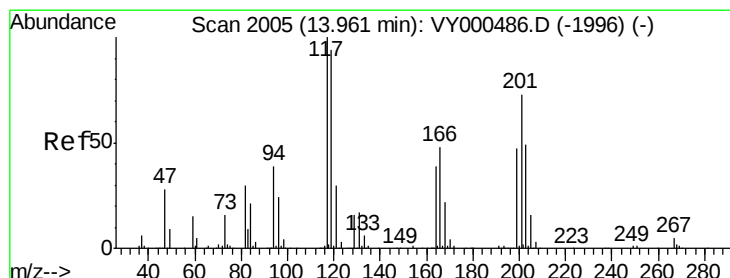
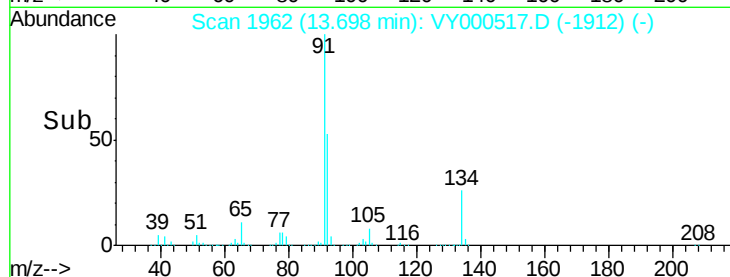
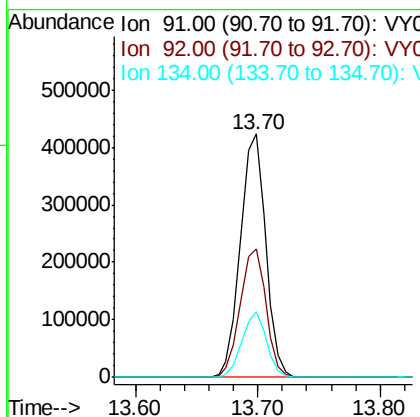
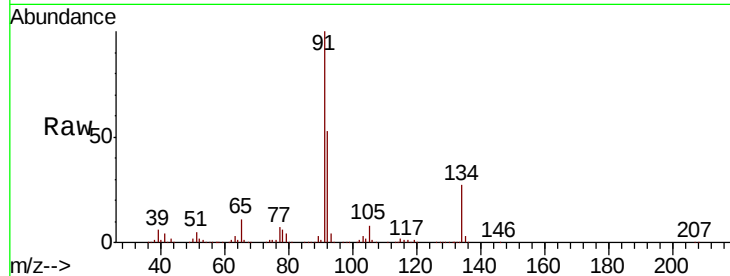




#89
n-Butylbenzene
Concen: 52.551 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

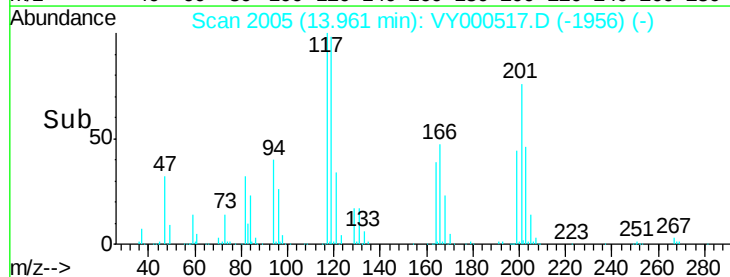
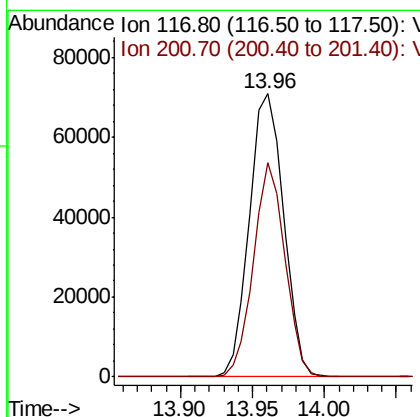
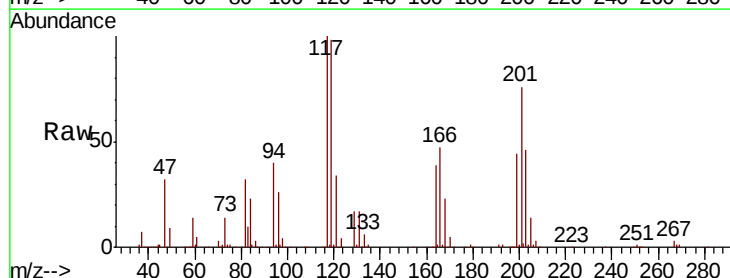
Instrument :
MSVOA_Y
ClientSampled :

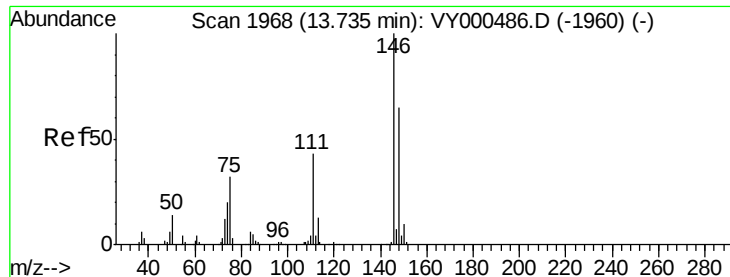
Tot Ion: 91 Resp: 607223
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 53.873 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion: 117 Resp: 116680
Ion Ratio Lower Upper
117 100
201 69.5 35.8 107.3

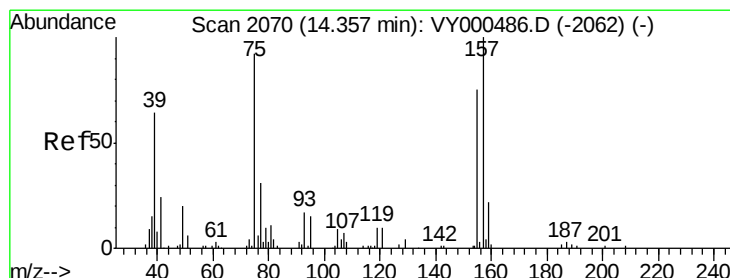
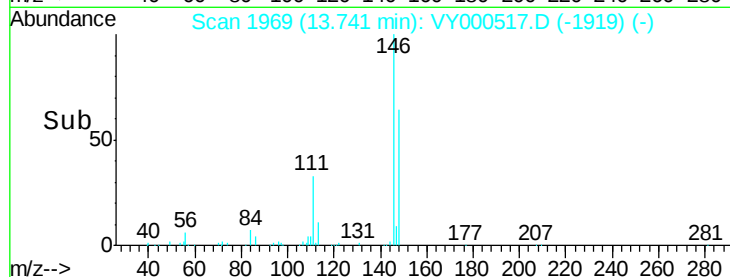
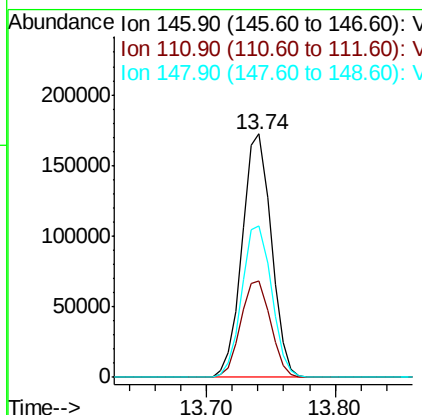
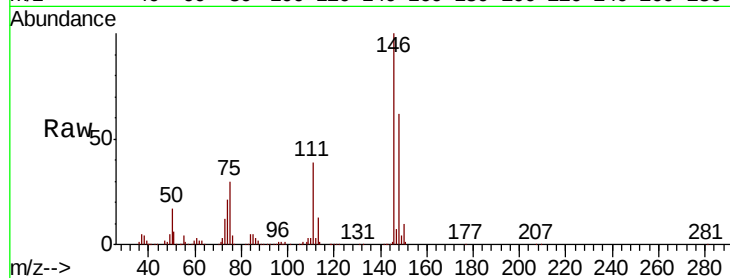




#91
 1,2-Dichlorobenzene
 Concen: 51.582 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

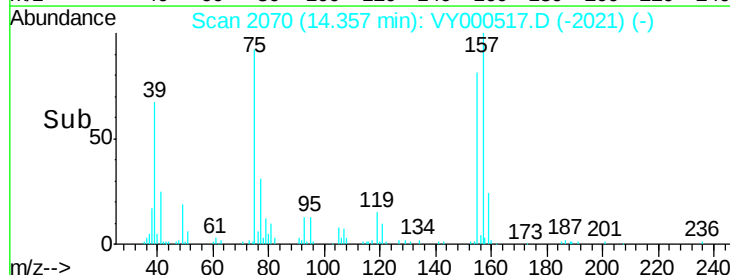
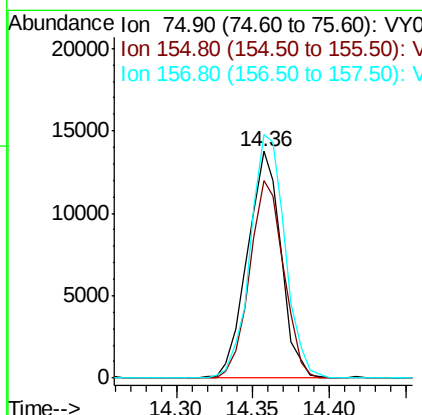
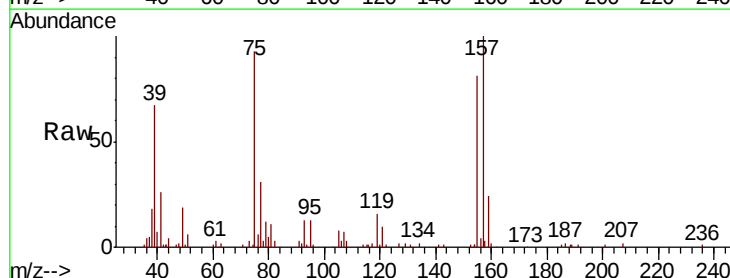
Instrument :
 MSVOA_Y
 ClientSampleId :

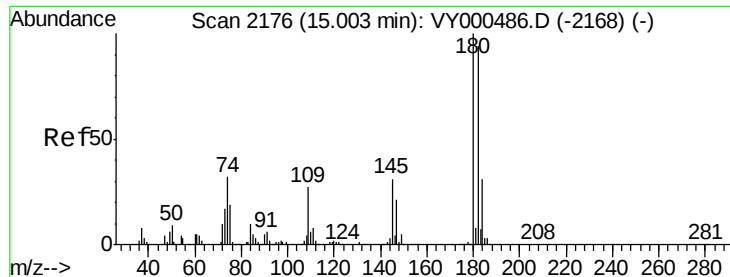
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.5
148	63.7	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.358 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	42.4	127.1
157	110.7	55.1	165.3

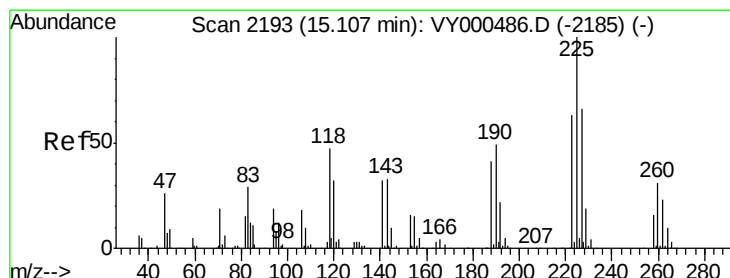
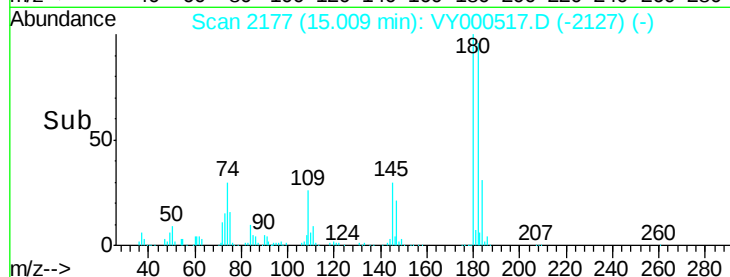
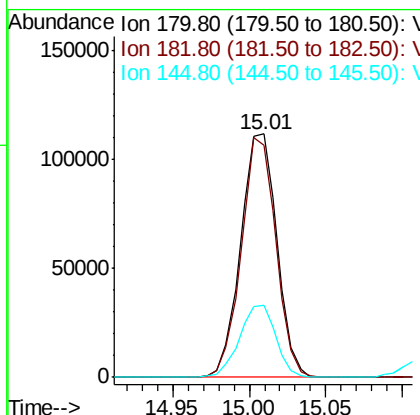
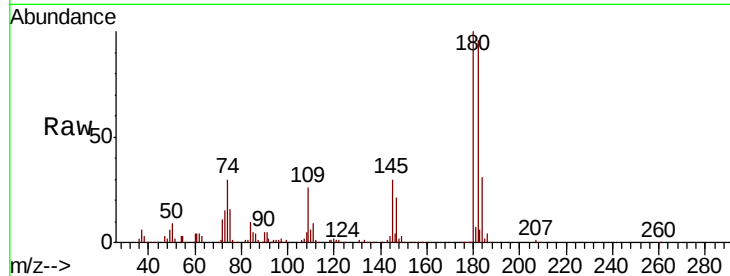




#93
 1,2,4-Trichlorobenzene
 Concen: 51.427 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

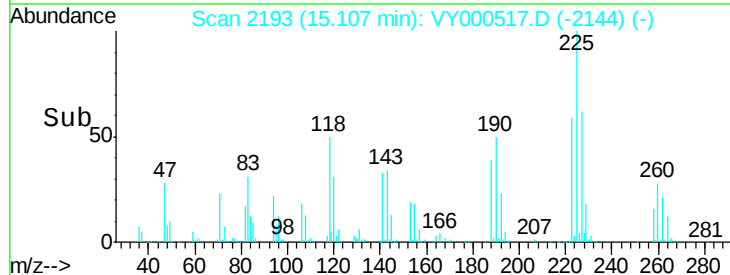
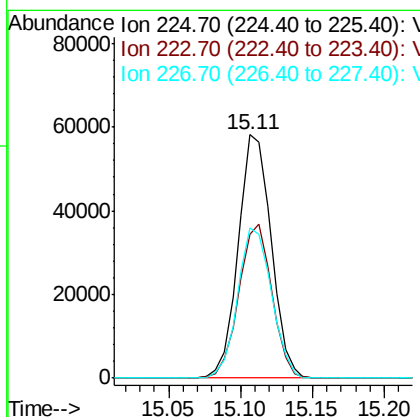
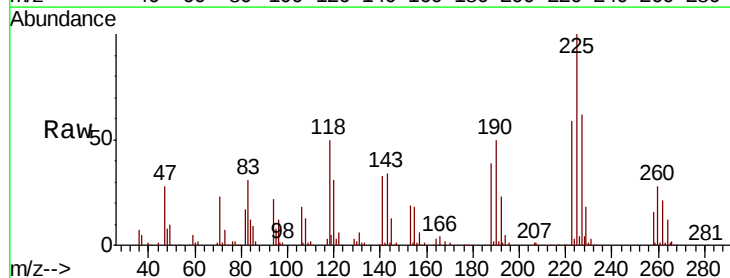
Instrument :
 MSVOA_Y
 ClientSampleId :

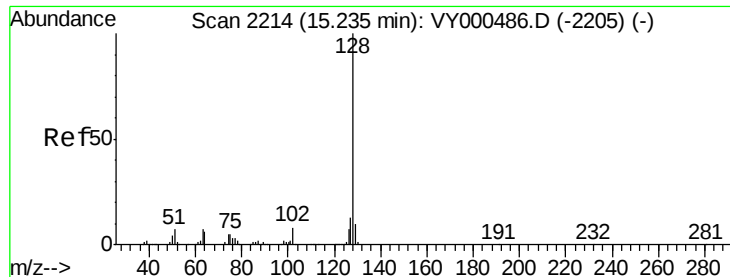
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	29.7	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 50.302 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000517.D
 Acq: 01 Nov 2019 10:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	63.1	32.4	97.0

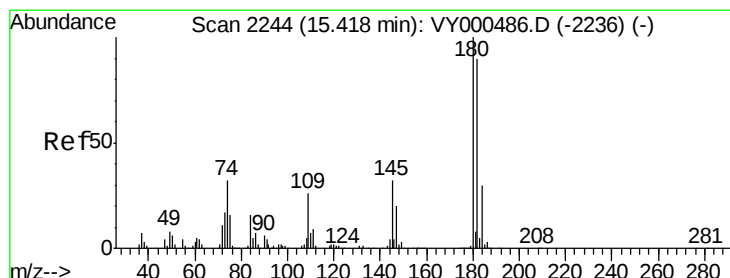
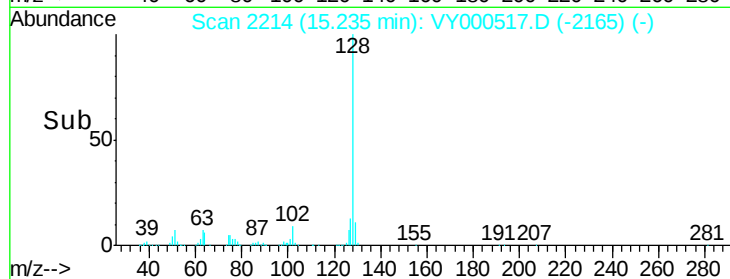
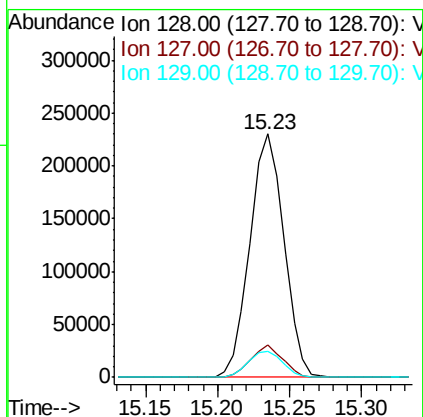
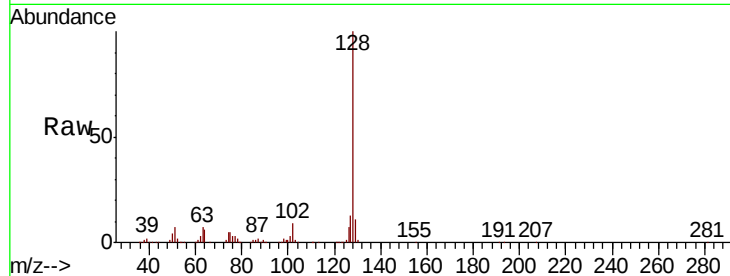




#95
Naphthalene
Concen: 47.736 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 377283
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.344 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000517.D
Acq: 01 Nov 2019 10:54

Tgt Ion:180 Resp: 160805
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 34.2 15.7 47.0

