

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000904.D
 Acq On : 06 Dec 2019 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 18:16:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	295350	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	520231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222922	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	162993	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
35) Dibromofluoromethane	7.72	113	154965	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	10.17	98	639943	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.48	95	224426	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	139924	44.010	ug/l	99
3) Chloromethane	2.12	50	185723	47.389	ug/l	99
4) Vinyl Chloride	2.25	62	188981	48.928	ug/l	100
5) Bromomethane	2.65	94	116662	50.217	ug/l	94
6) Chloroethane	2.79	64	119335	50.392	ug/l	97
7) Trichlorofluoromethane	3.12	101	275206	51.991	ug/l	91
8) Diethyl Ether	3.53	74	107589	54.003	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	168893	51.668	ug/l	98
10) Methyl Iodide	4.09	142	222523	54.068	ug/l	98
11) Tert butyl alcohol	4.96	59	84593	267.919	ug/l	99
12) 1,1-Dichloroethene	3.87	96	167172	51.622	ug/l	98
13) Acrolein	3.73	56	74568	239.748	ug/l	99
14) Allyl chloride	4.48	41	294872	53.105	ug/l	100
15) Acrylonitrile	5.16	53	277741	269.976	ug/l	99
16) Acetone	3.95	43	194264	269.836	ug/l	96
17) Carbon Disulfide	4.19	76	515996	49.266	ug/l	98
18) Methyl Acetate	4.48	43	160752	53.401	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	477015	55.156	ug/l	99
20) Methylene Chloride	4.71	84	203838	53.714	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	194537	52.852	ug/l	97
22) Diisopropyl ether	6.12	45	633281	55.490	ug/l	98
23) Vinyl Acetate	6.07	43	1925201	277.485	ug/l	99
24) 1,1-Dichloroethane	6.02	63	338930	53.883	ug/l	98
25) 2-Butanone	6.99	43	355237	267.114	ug/l	99
26) 2,2-Dichloropropane	6.99	77	280311	52.948	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	216980	54.535	ug/l	98
28) Bromochloromethane	7.34	49	149727	64.320	ug/l	95
29) Tetrahydrofuran	7.35	42	244382	277.308	ug/l	98
30) Chloroform	7.51	83	328508	52.061	ug/l	99
31) Cyclohexane	7.79	56	329169	49.399	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	281301	53.987	ug/l	98
36) 1,1-Dichloropropene	7.92	75	264738	51.180	ug/l	100
37) Ethyl Acetate	7.08	43	153960	51.548	ug/l	100
38) Carbon Tetrachloride	7.91	117	239961	52.091	ug/l	92

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

39) Methylcyclohexane	9.19	83	348108	50.795	ug/l	99
40) Benzene	8.16	78	797504	52.930	ug/l	98
41) Methacrylonitrile	7.35	41	211329	134.246	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	210600	53.149	ug/l	100
43) Isopropyl Acetate	8.28	43	303255	53.879	ug/l	100
44) Trichloroethene	8.94	130	204579	52.833	ug/l	98
45) 1,2-Dichloropropane	9.22	63	206181	54.479	ug/l	97
46) Dibromomethane	9.30	93	106205	53.709	ug/l	98
47) Bromodichloromethane	9.50	83	254757	54.842	ug/l	98
48) Methyl methacrylate	9.29	41	130631	52.779	ug/l	94
49) 1,4-Dioxane	9.30	88	31052	1108.269	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	792230	272.421	ug/l	99
52) Toluene	10.24	92	502872	53.905	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	281759	56.457	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	322066	54.597	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	161864	55.404	ug/l	93
56) Ethyl methacrylate	10.51	69	237919	56.928	ug/l	99
57) 1,3-Dichloropropane	10.79	76	282531	55.487	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	423250	251.165	ug/l	99
59) 2-Hexanone	10.83	43	560852	264.669	ug/l	100
60) Dibromochloromethane	10.99	129	177023	56.287	ug/l	100
61) 1,2-Dibromoethane	11.09	107	154873	56.249	ug/l	99
64) Tetrachloroethene	10.72	164	217719	52.768	ug/l	97
65) Chlorobenzene	11.51	112	520051	52.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	177422	53.333	ug/l	100
67) Ethyl Benzene	11.59	91	963223	52.394	ug/l	100
68) m/p-Xylenes	11.70	106	714175	103.497	ug/l	99
69) o-Xylene	12.03	106	338676	52.639	ug/l	100
70) Styrene	12.04	104	593667	53.887	ug/l	99
71) Bromoform	12.20	173	103040	54.918	ug/l #	99
73) Isopropylbenzene	12.33	105	908570	51.188	ug/l	100
74) N-amyl acetate	12.14	43	264684	53.576	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	184331	52.706	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	258103	102.191	ug/l #	100
77) Bromobenzene	12.61	156	199150	51.761	ug/l	98
78) n-propylbenzene	12.67	91	1115751	51.482	ug/l	100
79) 2-Chlorotoluene	12.75	91	618790	51.682	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	763280	51.937	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	68674	53.409	ug/l	98
82) 4-Chlorotoluene	12.85	91	658936	53.419	ug/l	98
83) tert-Butylbenzene	13.07	119	643438	52.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	760699	51.737	ug/l	98
85) sec-Butylbenzene	13.25	105	931405	51.832	ug/l	99
86) p-Isopropyltoluene	13.36	119	815171	52.156	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	391761	51.905	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	389786	52.157	ug/l	99
89) n-Butylbenzene	13.69	91	823935	52.140	ug/l	100
90) Hexachloroethane	13.95	117	154136	53.535	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	363476	53.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31420	53.663	ug/l	96

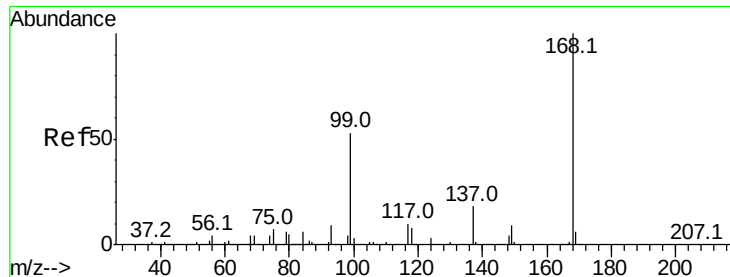
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	243037	52.904	ug/l	100
94) Hexachlorobutadiene	15.11	225	119664	52.538	ug/l	99
95) Naphthalene	15.23	128	573729	53.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	219059	53.384	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

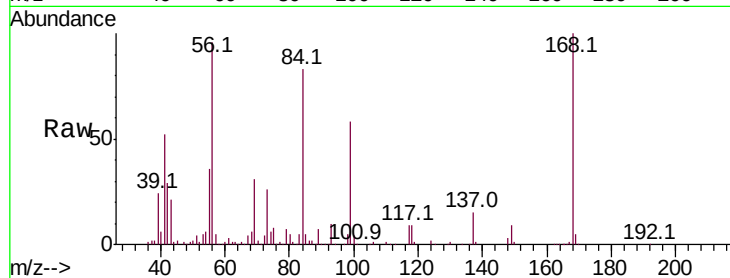
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 295350

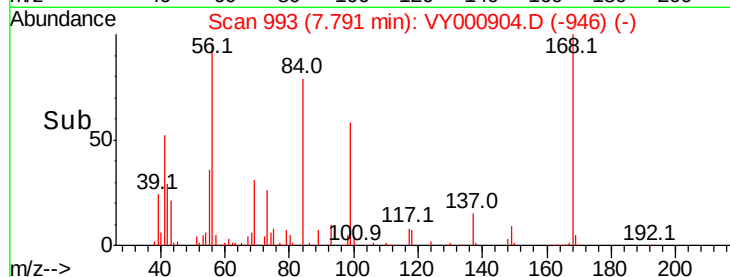
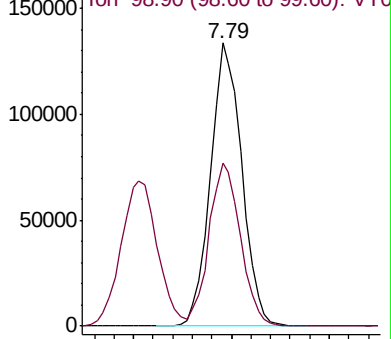
Ion Ratio Lower Upper

168 100

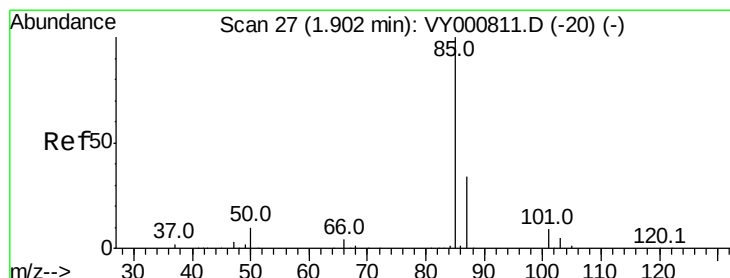
99 57.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000904.D (-1) (-)



Time-->



#2

Dichlorodifluoromethane

Concen: 44.010 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000904.D

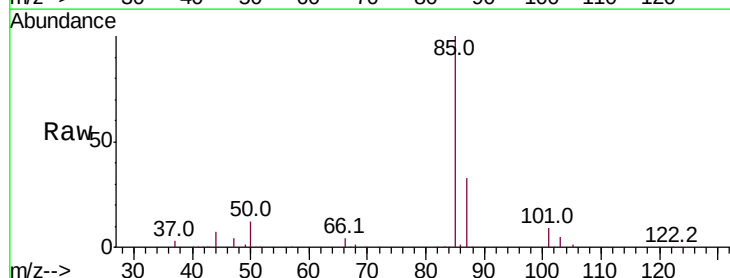
Acq: 06 Dec 2019 16:43

Tgt Ion: 85 Resp: 139924

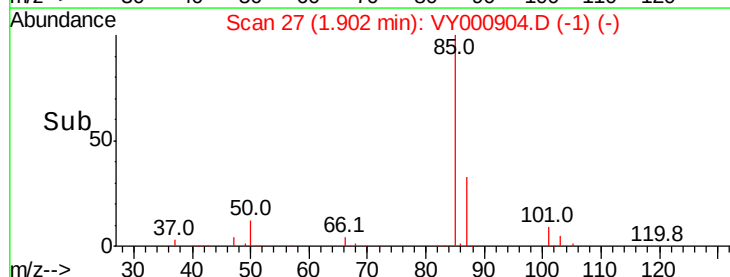
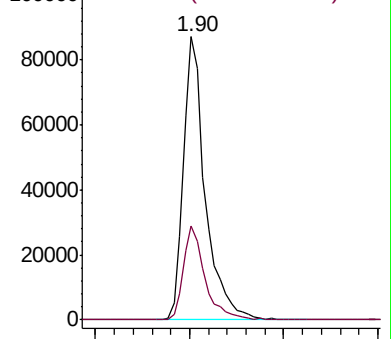
Ion Ratio Lower Upper

85 100

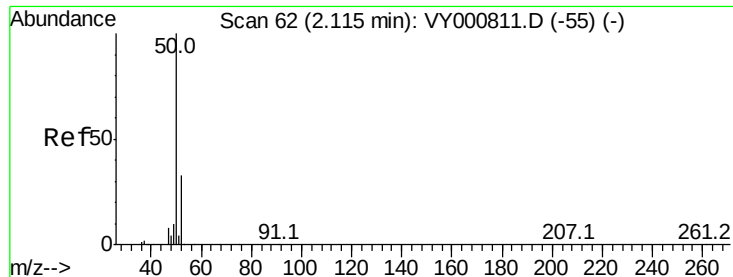
87 33.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000904.D (-1) (-)



Time-->



#3

Chloromethane

Concen: 47.389 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

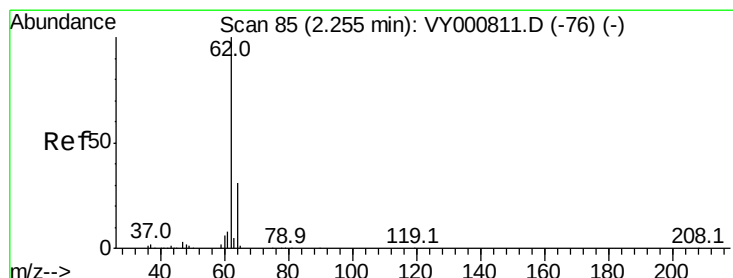
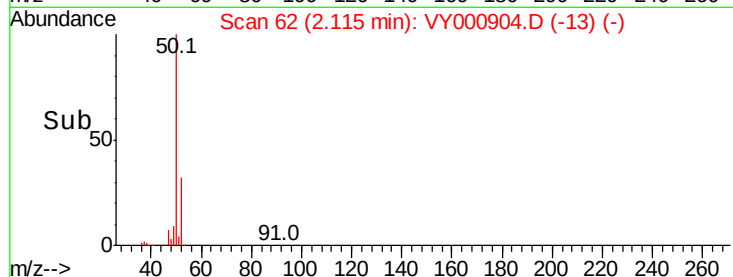
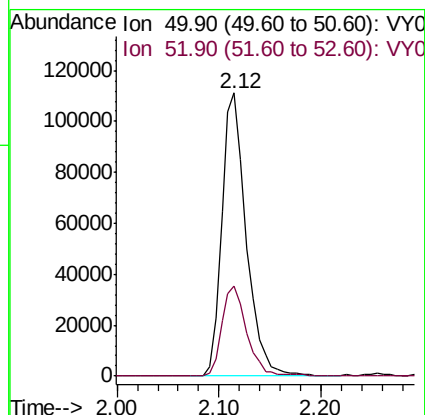
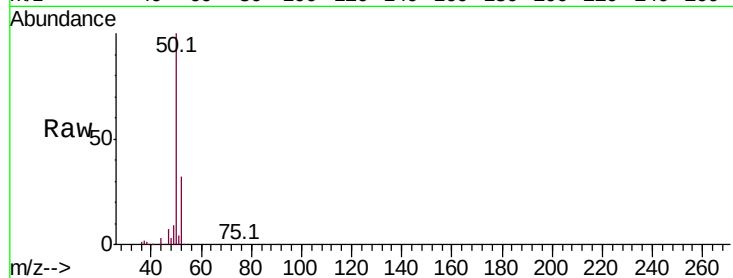
ClientSampled :

Tot Ion: 50 Resp: 185723

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0



#4

Vinyl Chloride

Concen: 48.928 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000904.D

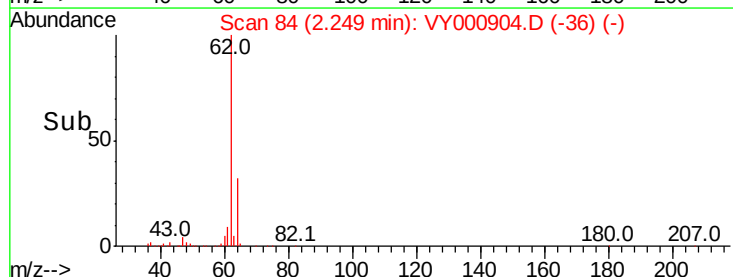
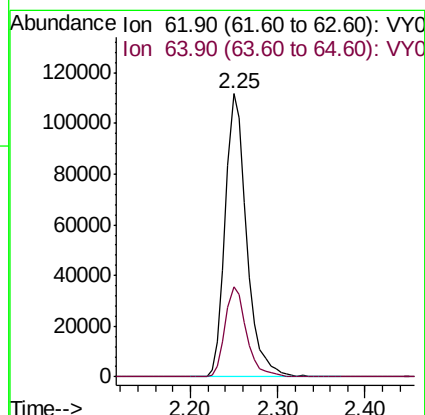
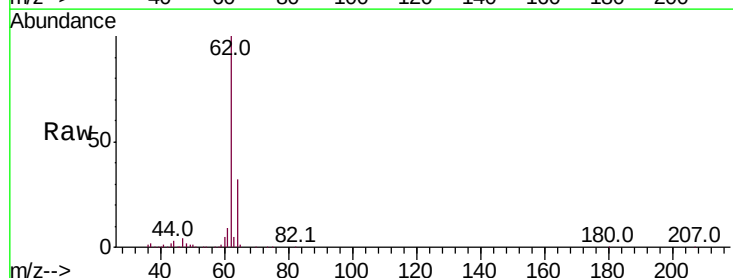
Acq: 06 Dec 2019 16:43

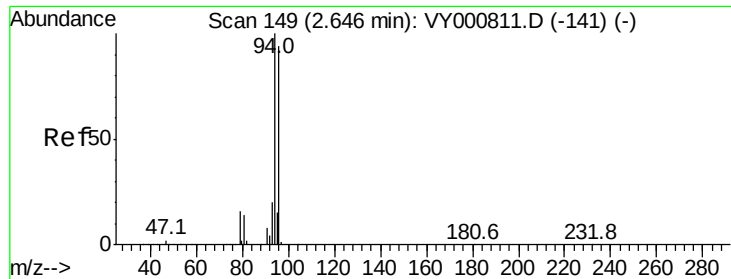
Tgt Ion: 62 Resp: 188981

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 50.217 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

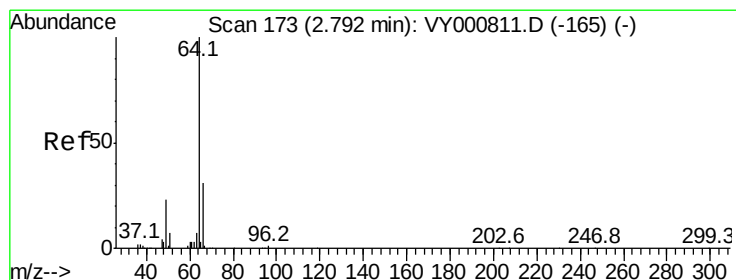
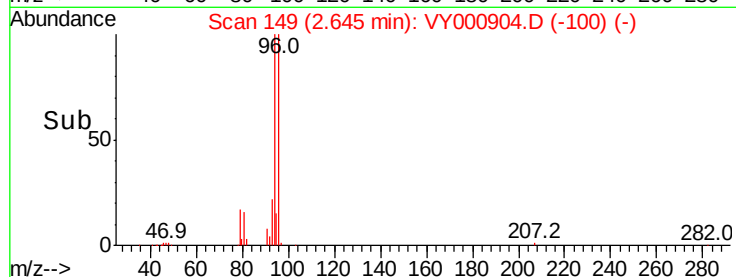
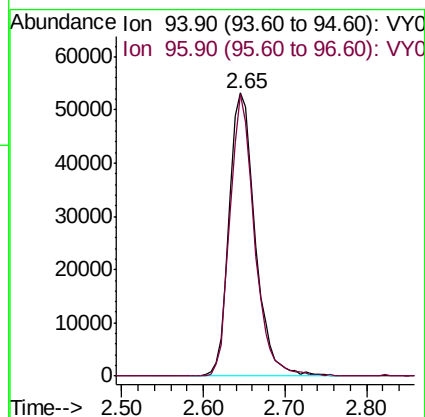
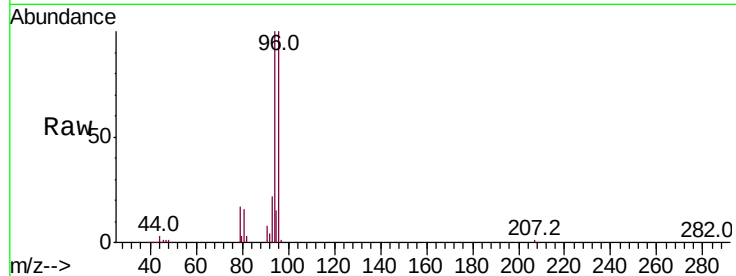
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 116662

Ion Ratio Lower Upper

94 100

96 99.8 75.2 112.8



#6

Chloroethane

Concen: 50.392 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000904.D

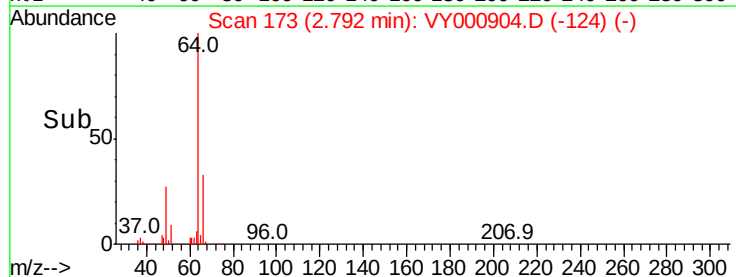
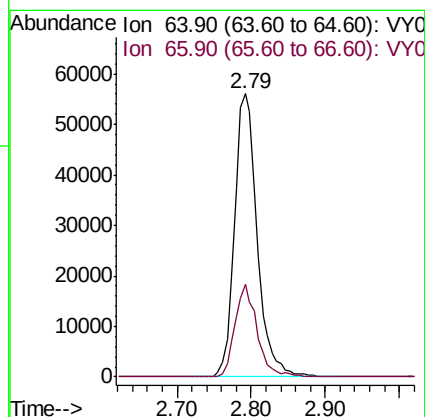
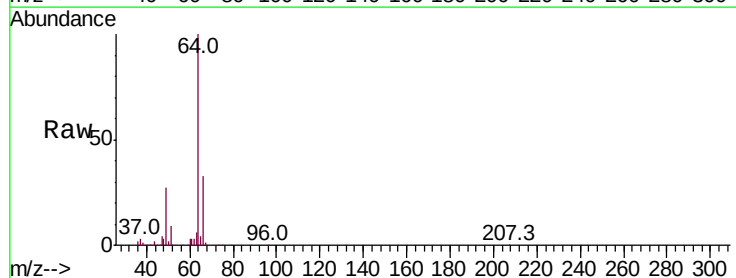
Acq: 06 Dec 2019 16:43

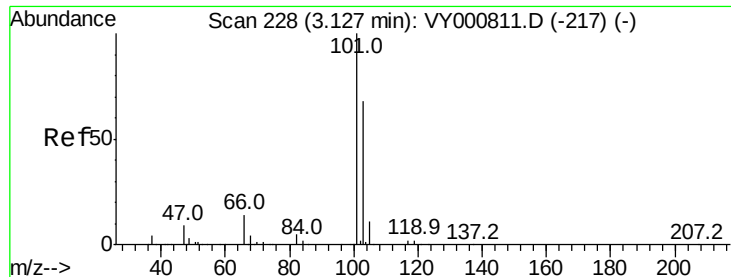
Tgt Ion: 64 Resp: 119335

Ion Ratio Lower Upper

64 100

66 33.0 25.0 37.4



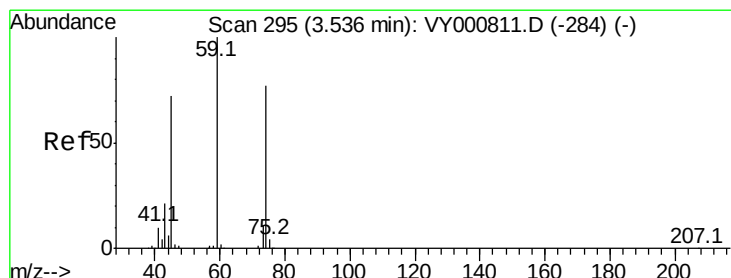
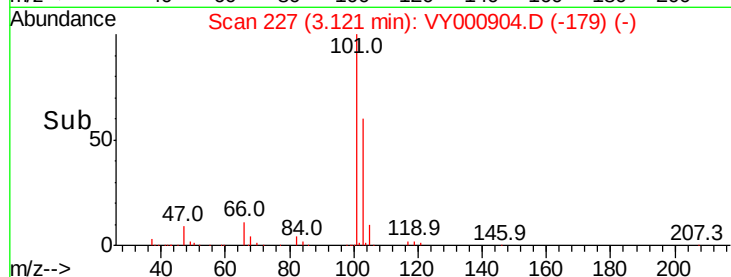
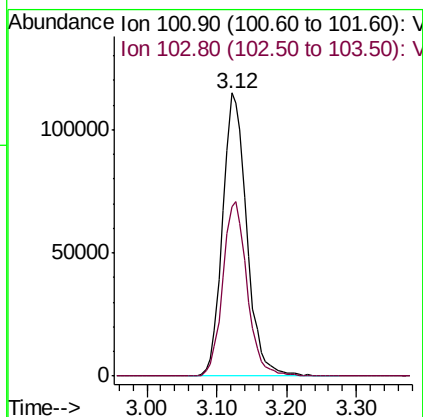
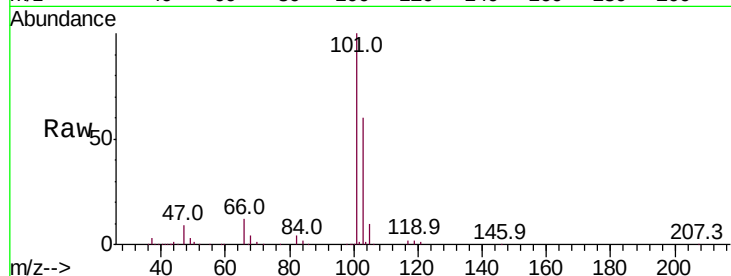


#7

Trichlorofluoromethane
 Concen: 51.991 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :

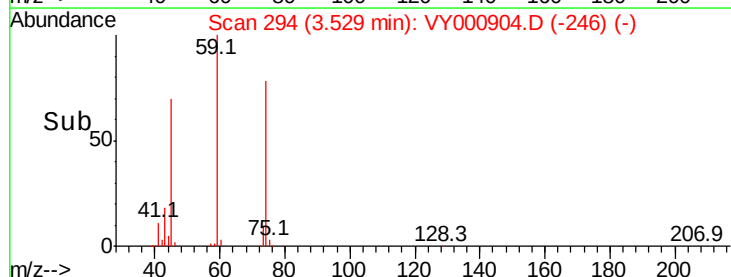
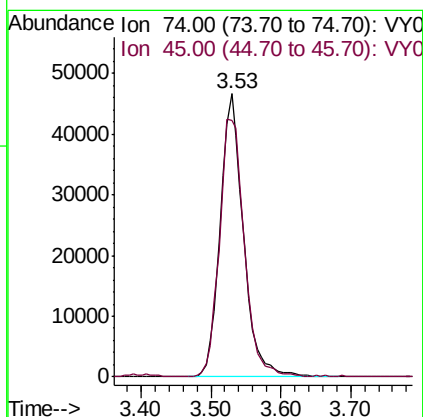
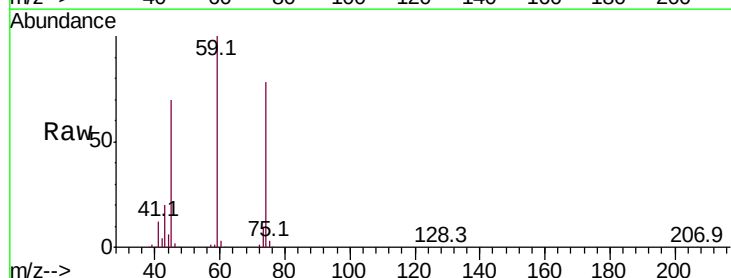
Tot Ion:101 Resp: 275206
 Ion Ratio Lower Upper
 101 100
 103 60.1 54.2 81.2

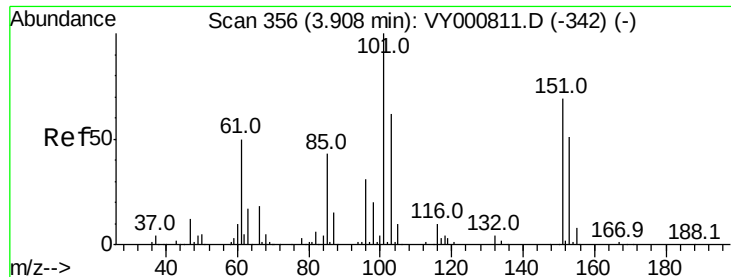


#8

Diethyl Ether
 Concen: 54.003 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion: 74 Resp: 107589
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.668 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

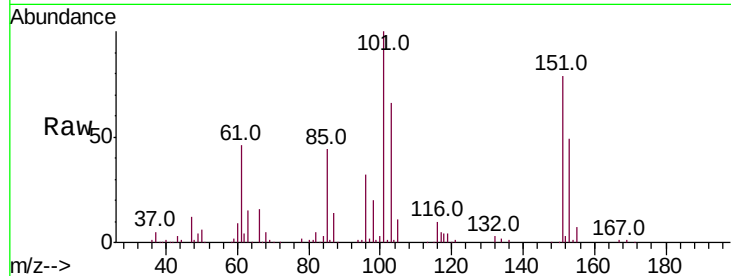
Tot Ion:101 Resp: 168893

Ion Ratio Lower Upper

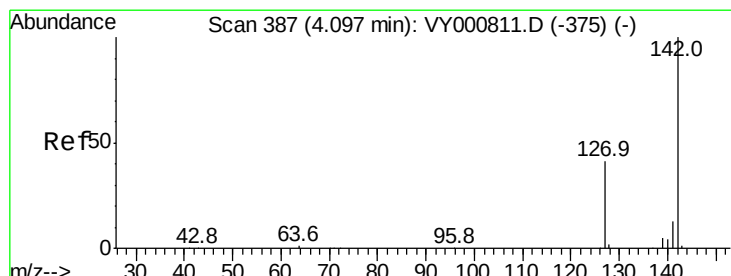
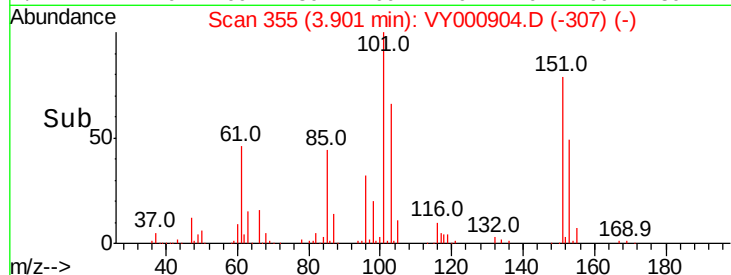
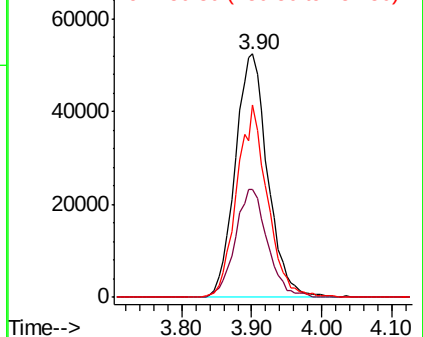
101 100

85 44.2 36.0 54.0

151 74.3 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.068 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

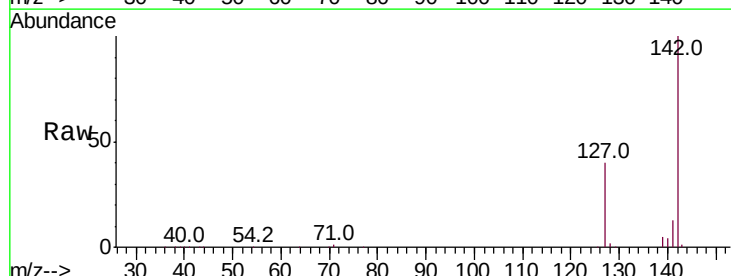
Tgt Ion:142 Resp: 222523

Ion Ratio Lower Upper

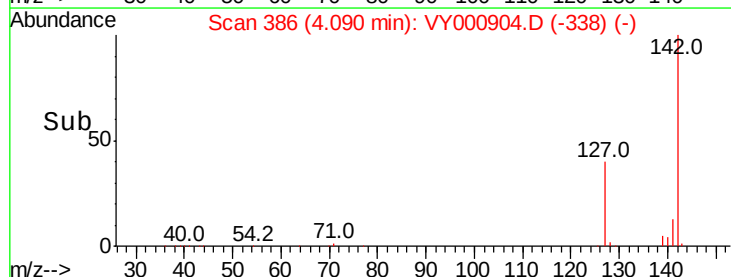
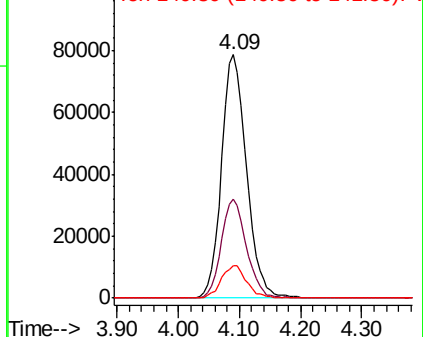
142 100

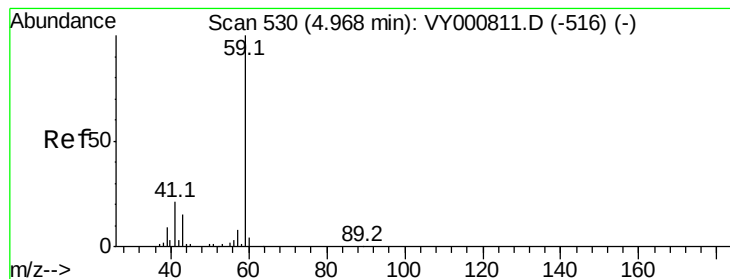
127 40.9 33.8 50.8

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



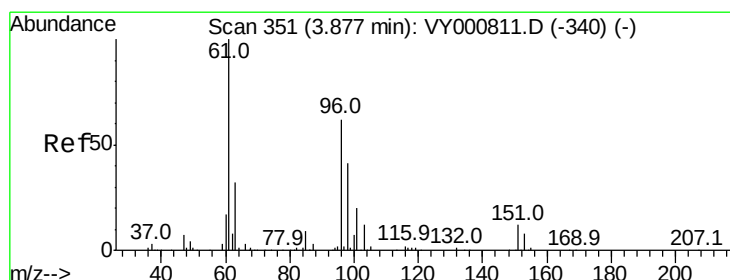
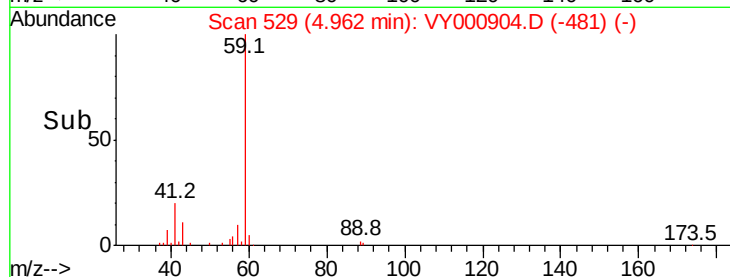
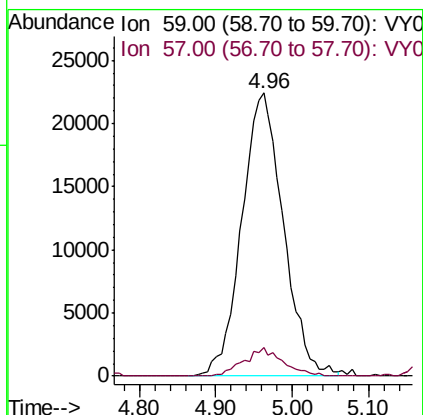
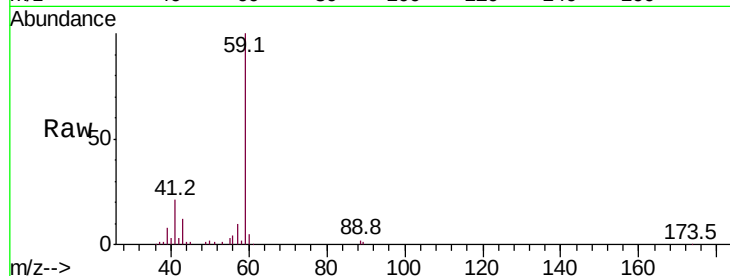


#11

Tert butyl alcohol
 Concen: 267.919 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :

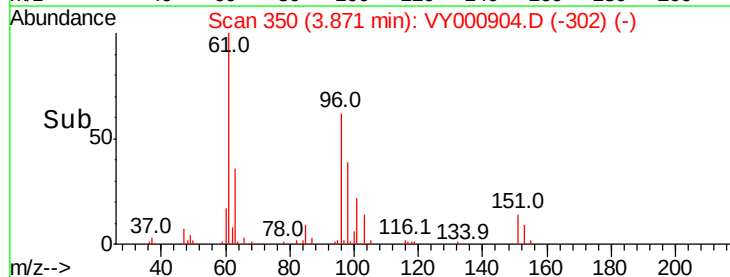
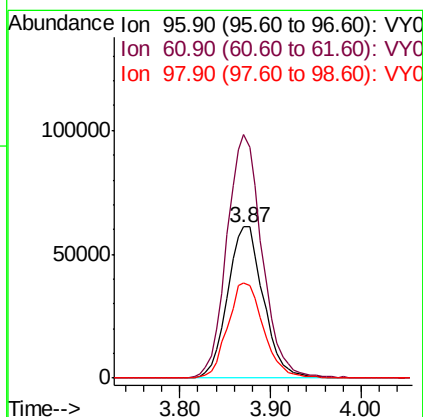
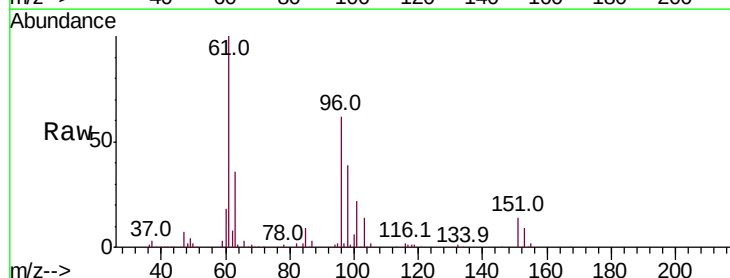
Tot Ion: 59 Resp: 84593
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.8 11.6

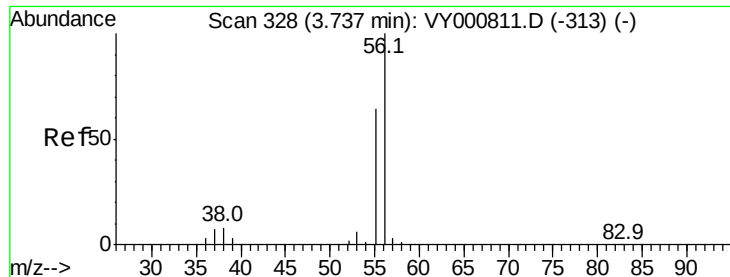


#12

1,1-Dichloroethene
 Concen: 51.622 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion: 96 Resp: 167172
 Ion Ratio Lower Upper
 96 100
 61 161.0 129.4 194.2
 98 62.8 53.4 80.0





#13

Acrolein

Concen: 239.748 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

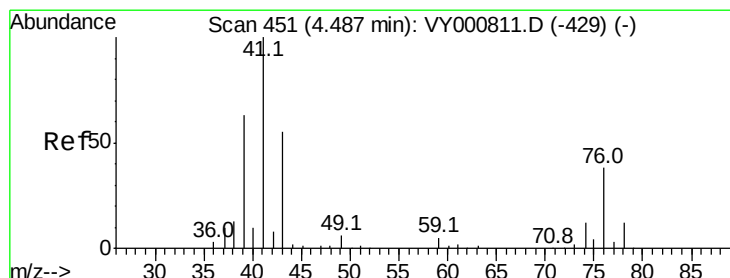
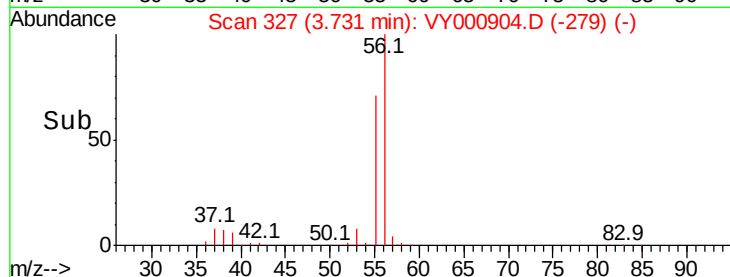
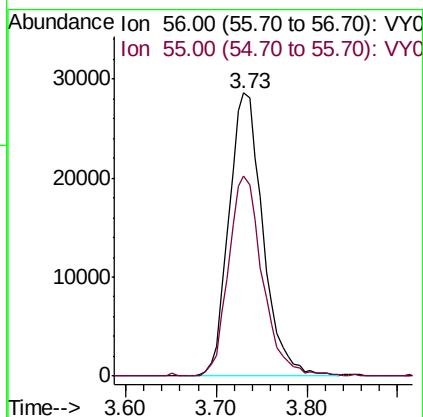
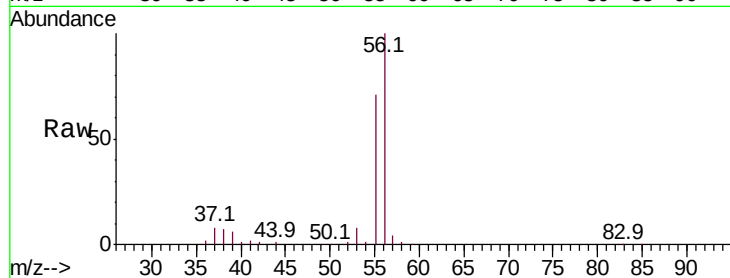
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 74568

Ion Ratio Lower Upper

56 100

55 70.8 55.7 83.5



#14

Allyl chloride

Concen: 53.105 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

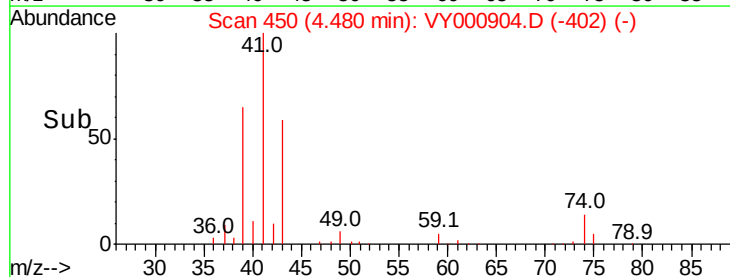
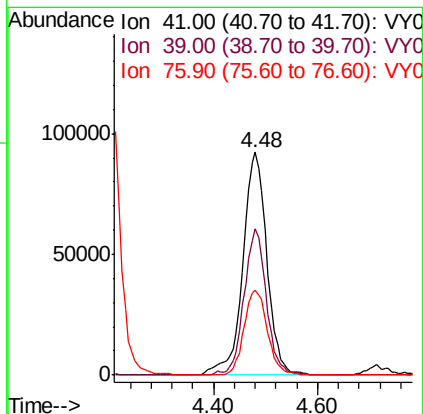
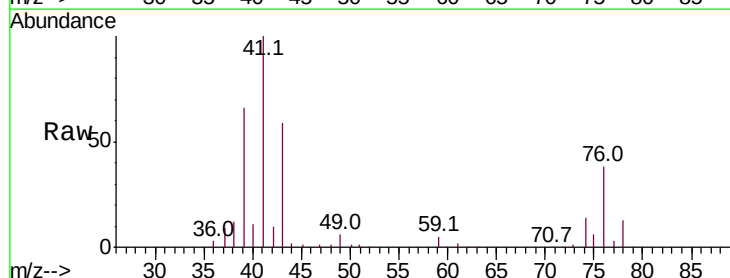
Tgt Ion: 41 Resp: 294872

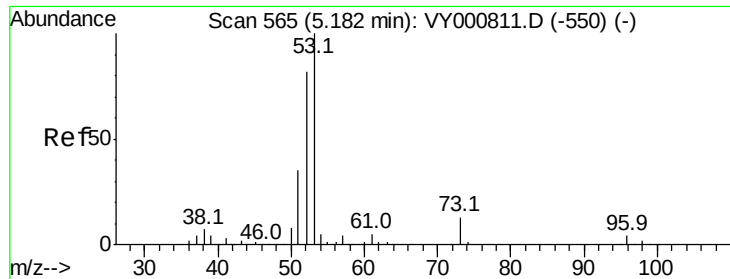
Ion Ratio Lower Upper

41 100

39 61.3 49.2 73.8

76 36.8 29.2 43.8





#15

Acrylonitrile

Concen: 269.976 ug/l

RT: 5.16 min Scan# 562

Delta R.T. -0.02 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampled :

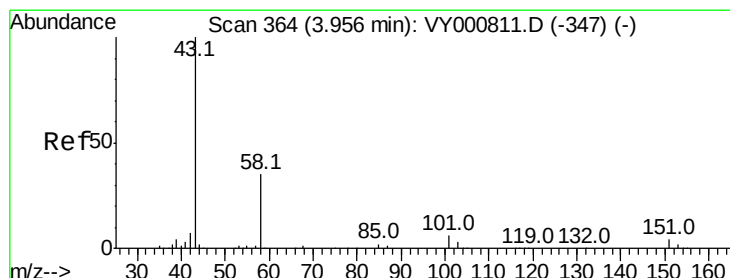
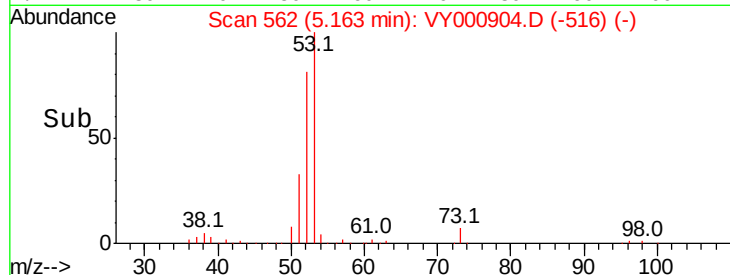
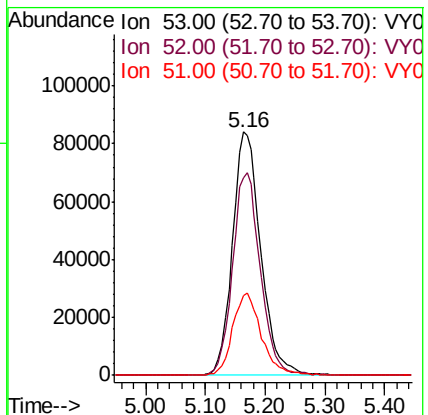
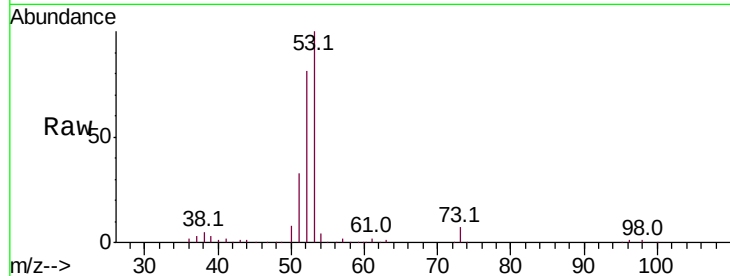
Tot Ion: 53 Resp: 277741

Ion Ratio Lower Upper

53 100

52 81.2 65.1 97.7

51 34.3 29.0 43.4



#16

Acetone

Concen: 269.836 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000904.D

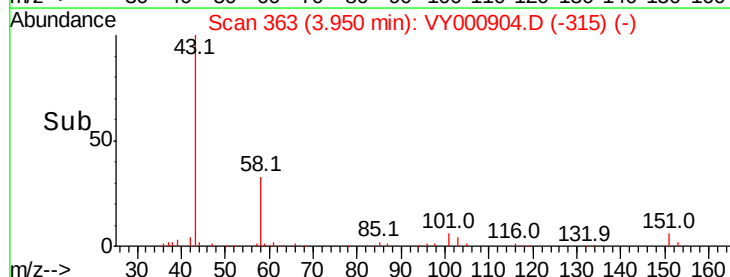
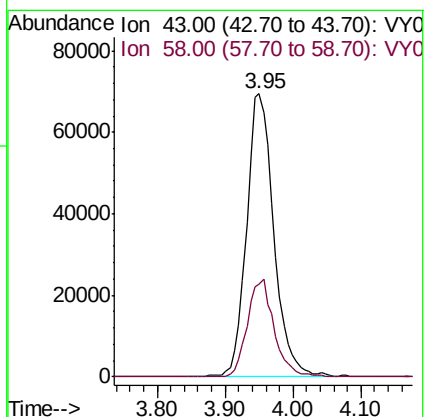
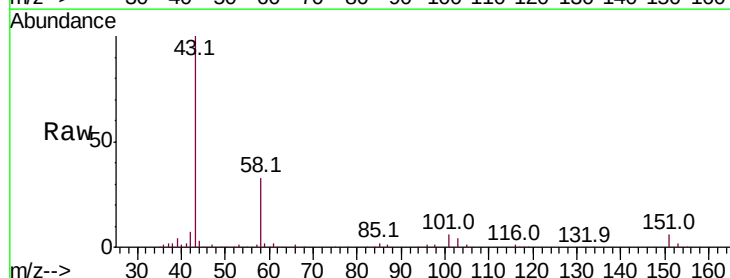
Acq: 06 Dec 2019 16:43

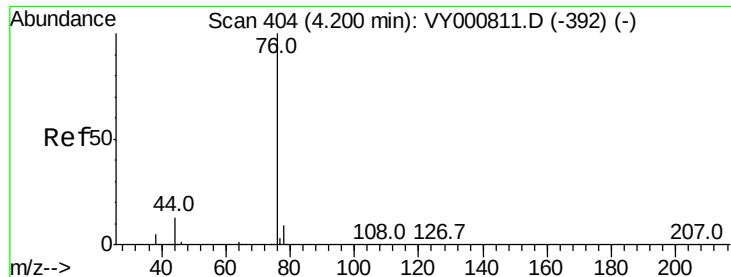
Tgt Ion: 43 Resp: 194264

Ion Ratio Lower Upper

43 100

58 32.7 28.0 42.0

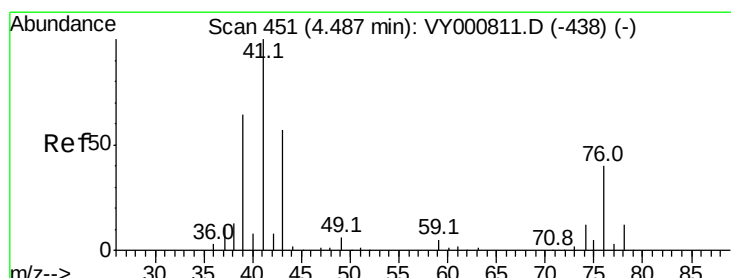
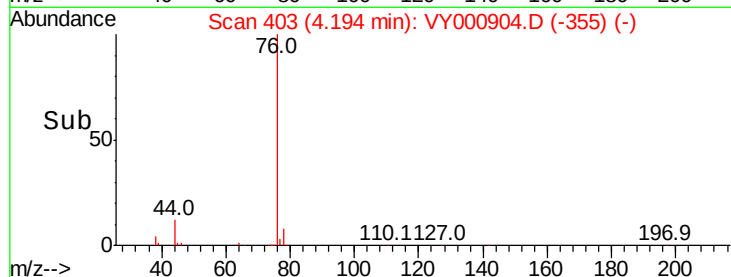
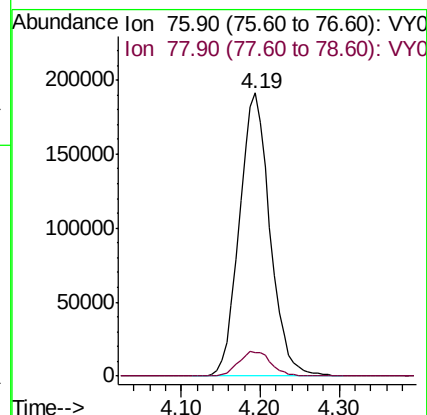
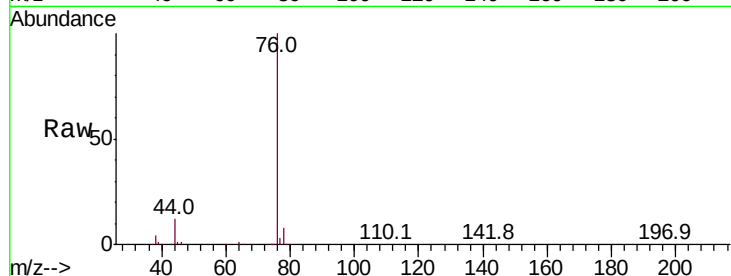




#17
Carbon Disulfide
Concen: 49.266 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

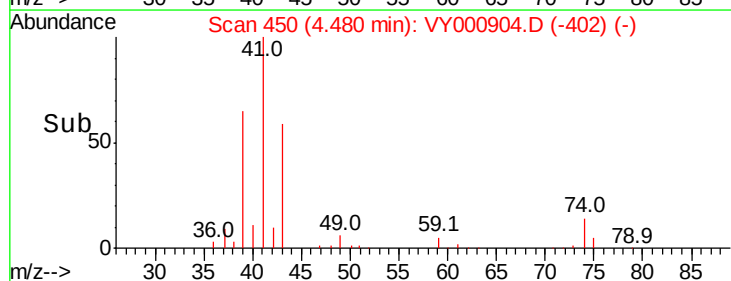
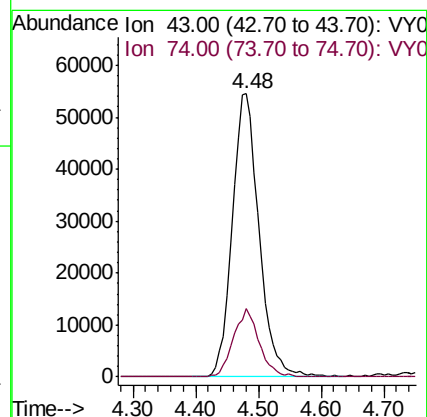
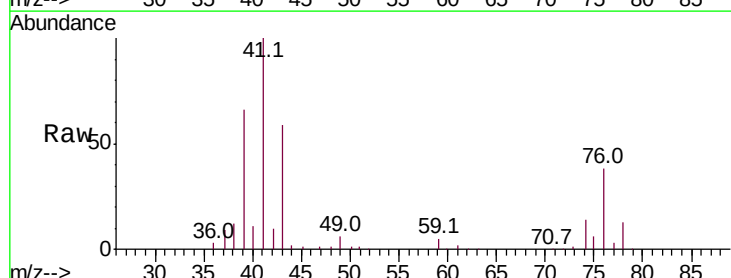
Instrument :
MSVOA_Y
ClientSampleId :

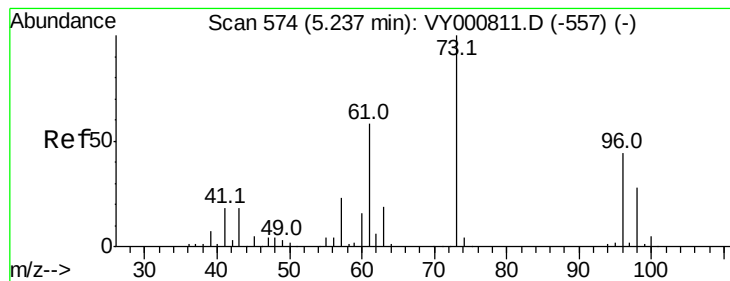
Tot Ion: 76 Resp: 515996
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 53.401 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 43 Resp: 160752
Ion Ratio Lower Upper
43 100
74 23.2 18.5 27.7



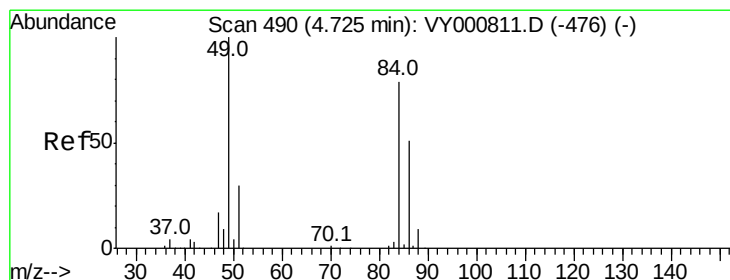
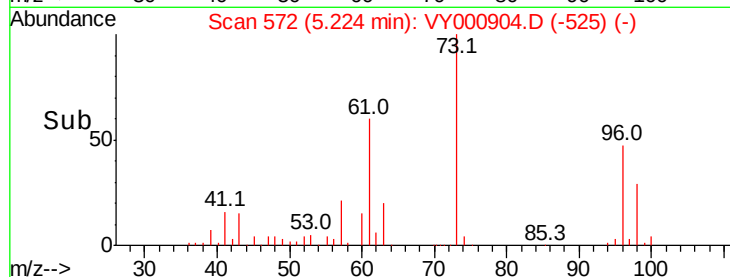
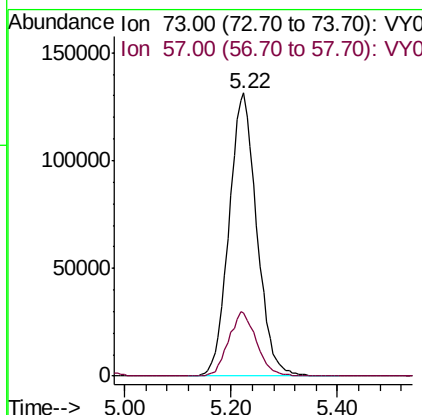
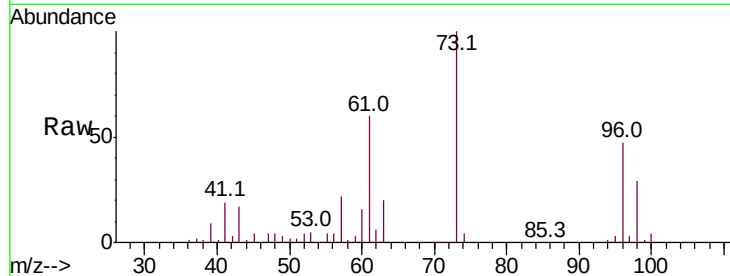


#19

Methyl tert-butyl Ether
 Concen: 55.156 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Instrument :
 MSVOA_Y
 ClientSampled :

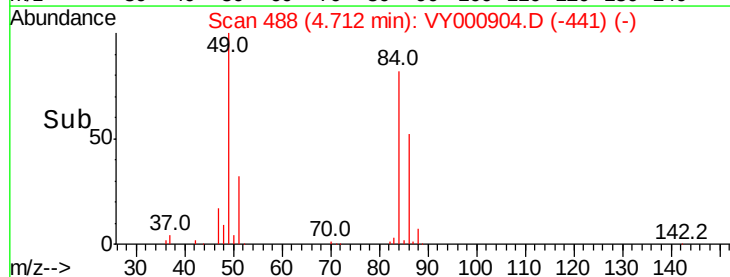
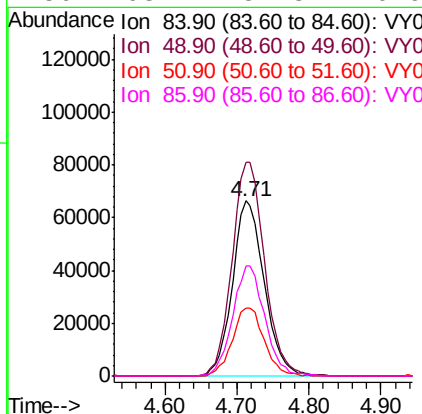
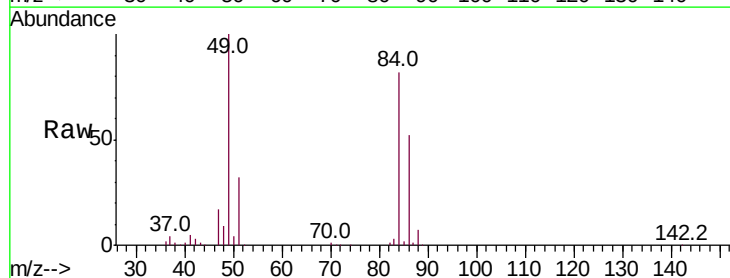
Tot Ion: 73 Resp: 477015
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.4

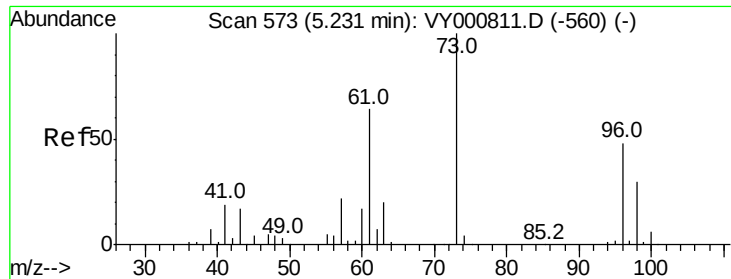


#20

Methylene Chloride
 Concen: 53.714 ug/l
 RT: 4.71 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion: 84 Resp: 203838
 Ion Ratio Lower Upper
 84 100
 49 121.8 101.3 151.9
 51 39.0 30.6 45.8
 86 63.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.852 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

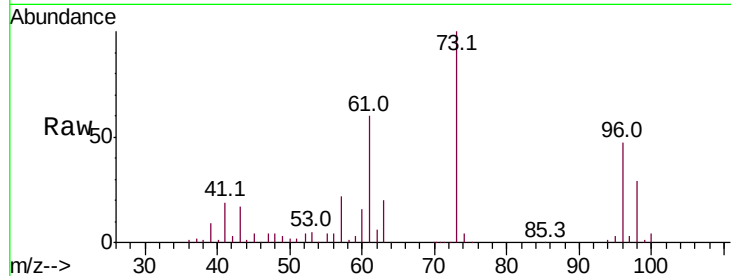
Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 96 Resp: 194537

Ion	Ratio	Lower	Upper
96	100		
61	127.6	105.9	158.9
98	60.8	49.4	74.2

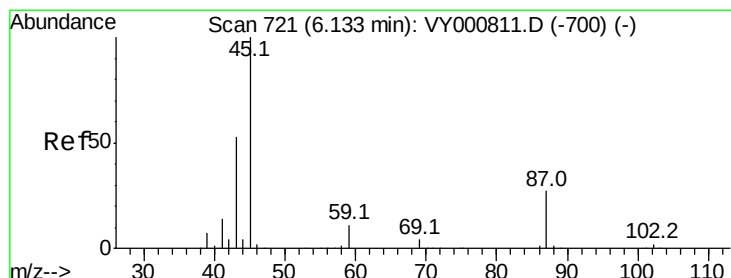
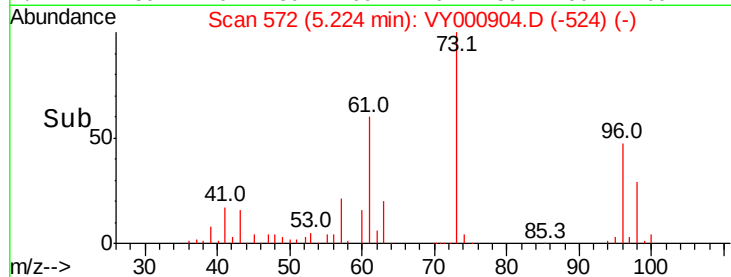
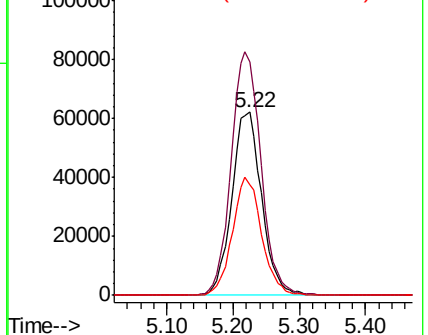


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 55.490 ug/l

RT: 6.12 min Scan# 719

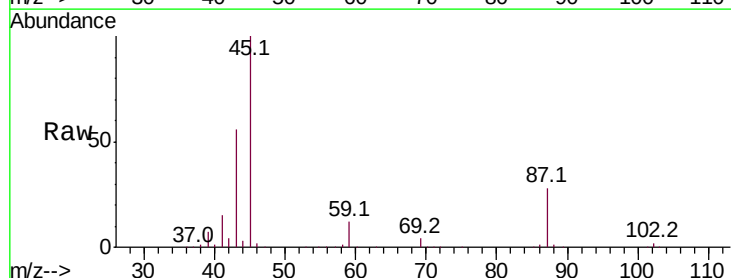
Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion: 45 Resp: 633281

Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.7	64.1
87	27.8	22.0	33.0
59	11.9	8.9	13.3



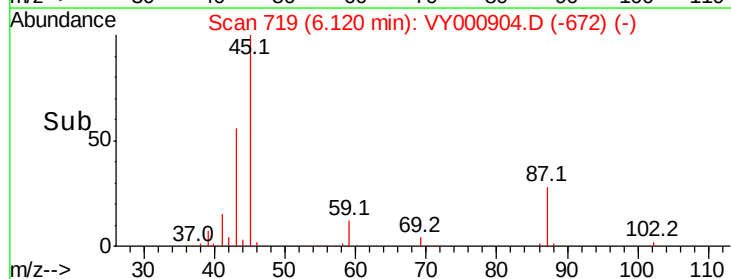
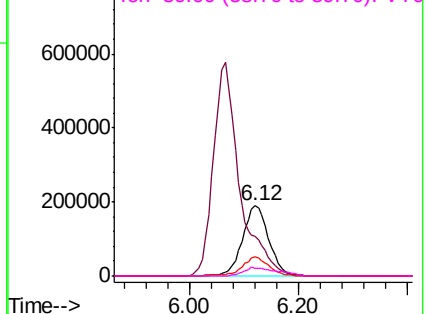
Abundance

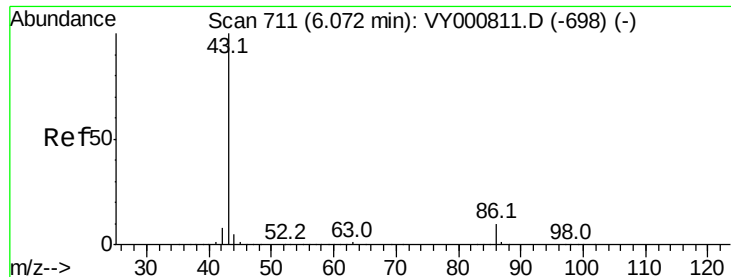
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 277.485 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

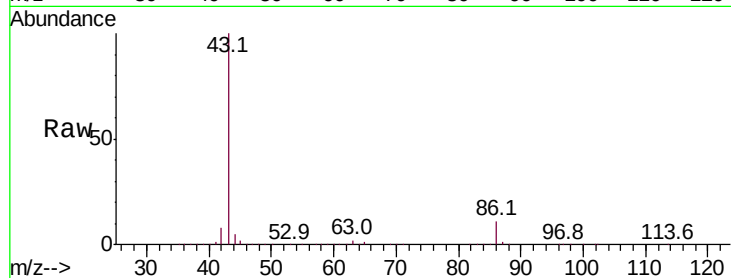
ClientSampleId :

Tot Ion: 43 Resp: 1925201

Ion Ratio Lower Upper

43 100

86 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

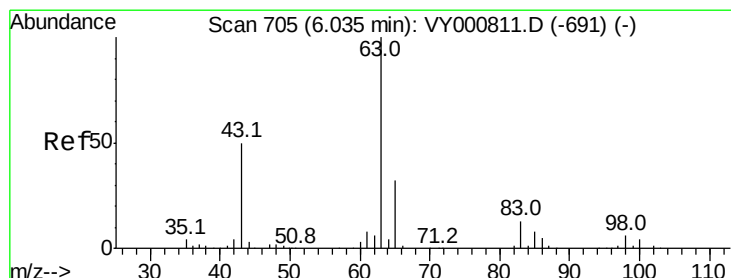
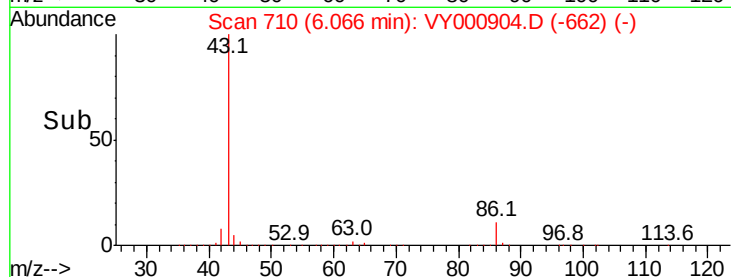
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.883 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

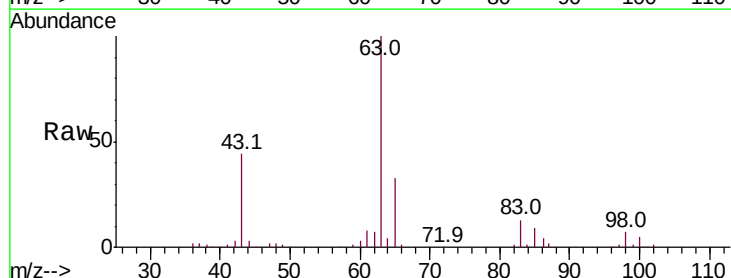
Tgt Ion: 63 Resp: 338930

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 5.0 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

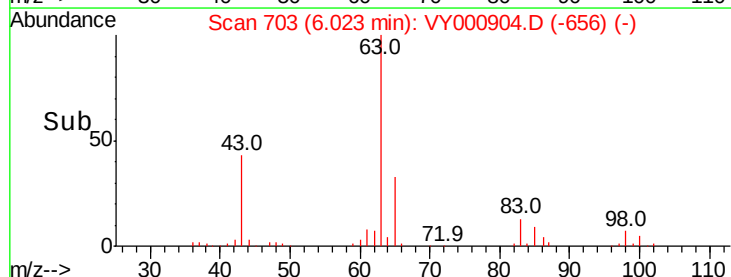
6.02

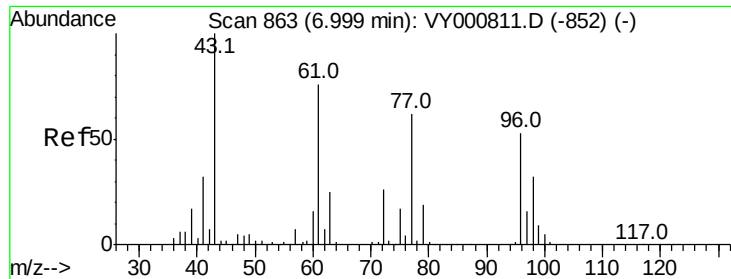
100000

50000

0

Time-->





#25

2-Butanone

Concen: 267.114 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

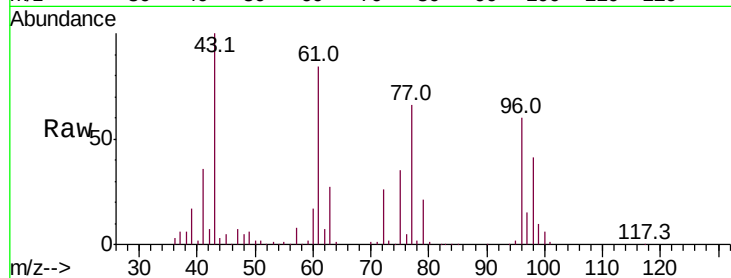
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 355237

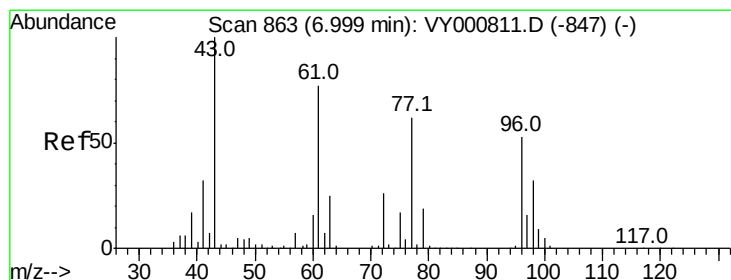
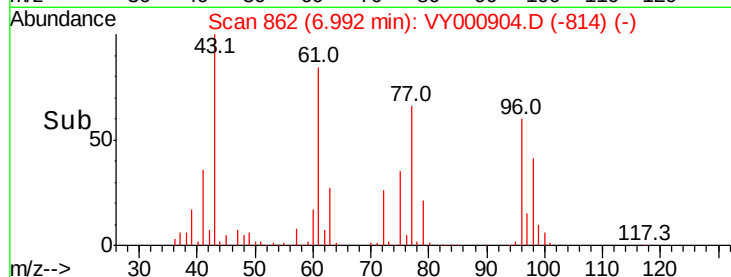
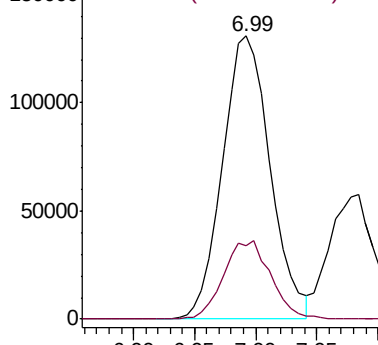
Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 52.948 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000904.D

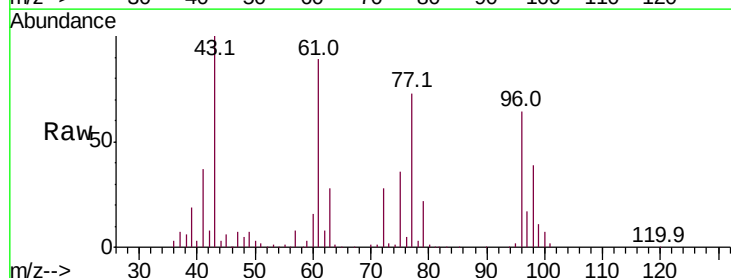
Acq: 06 Dec 2019 16:43

Tgt Ion: 77 Resp: 280311

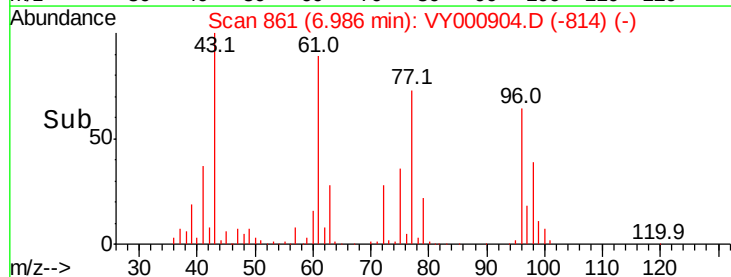
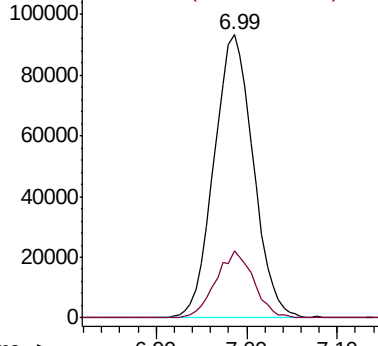
Ion Ratio Lower Upper

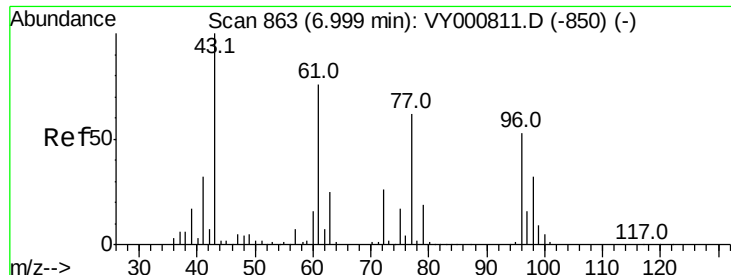
77 100

97 22.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



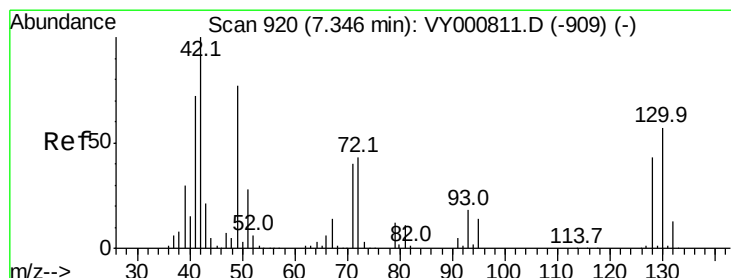
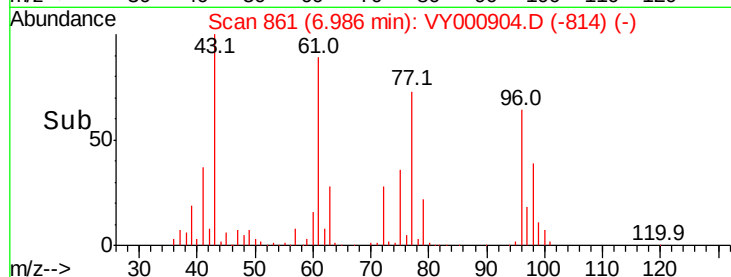
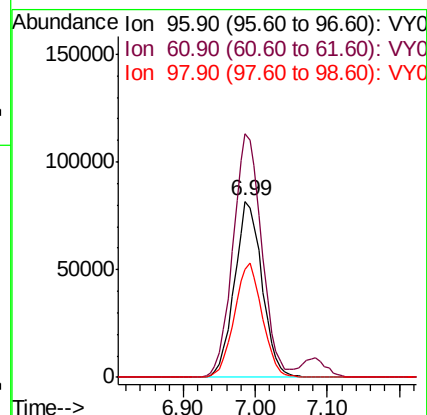
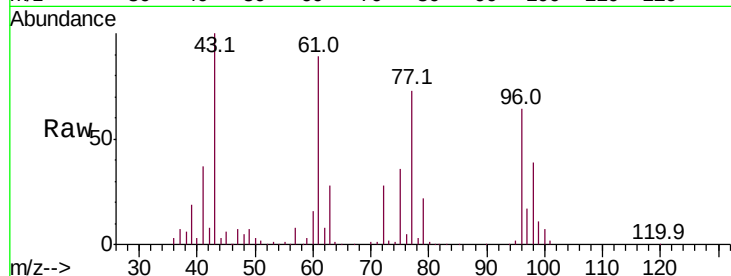


#27

cis-1,2-Dichloroethene
Concen: 54.535 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampled :

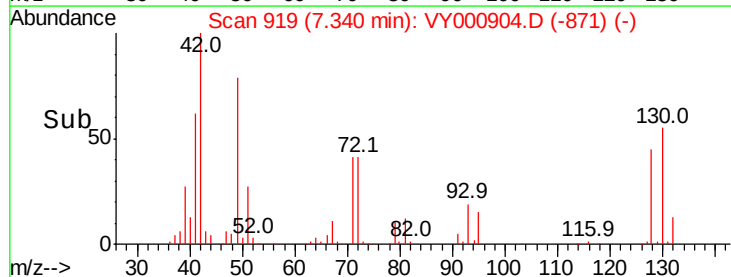
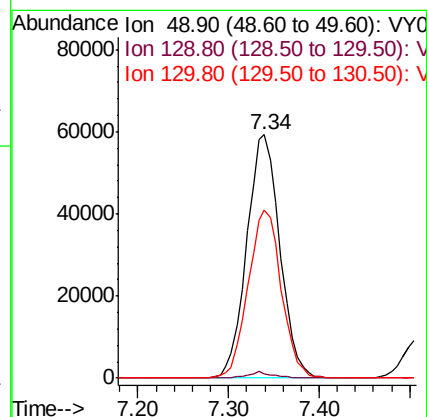
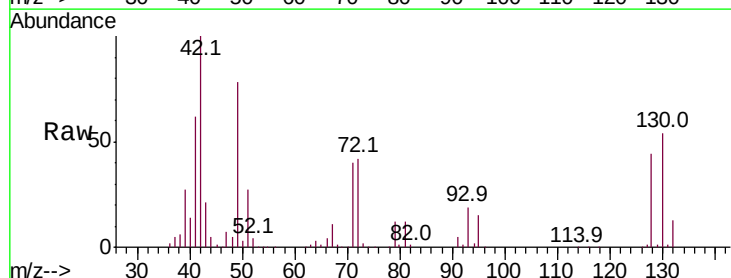
Tot Ion: 96 Resp: 216980
Ion Ratio Lower Upper
96 100
61 144.0 0.0 285.0
98 65.8 0.0 128.0

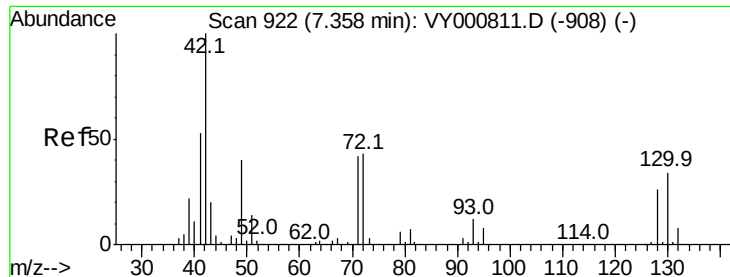


#28

Bromochloromethane
Concen: 64.320 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 49 Resp: 149727
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 69.4 58.7 88.1

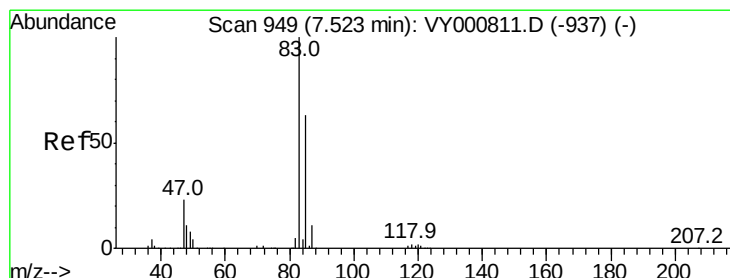
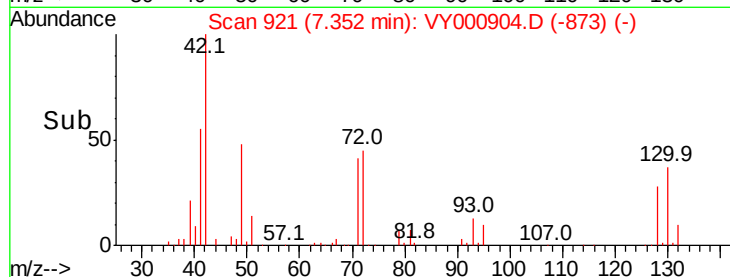
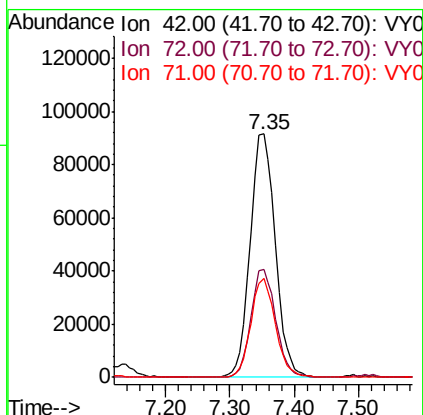
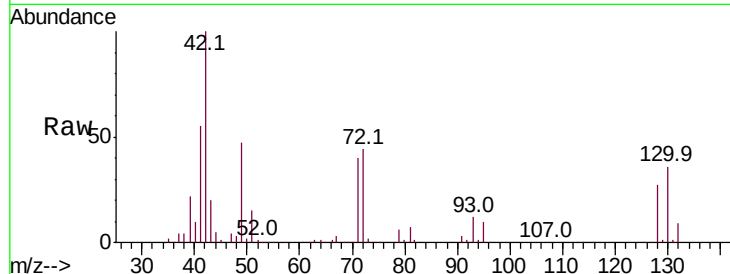




#29
Tetrahydrofuran
Concen: 277.308 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

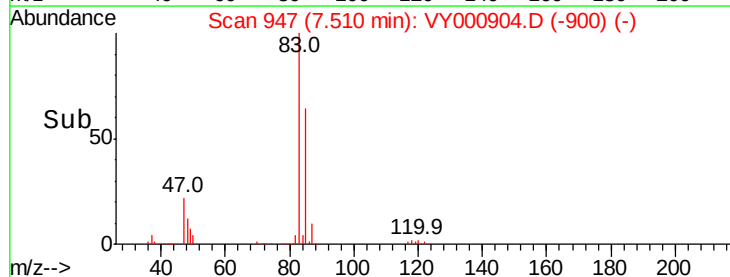
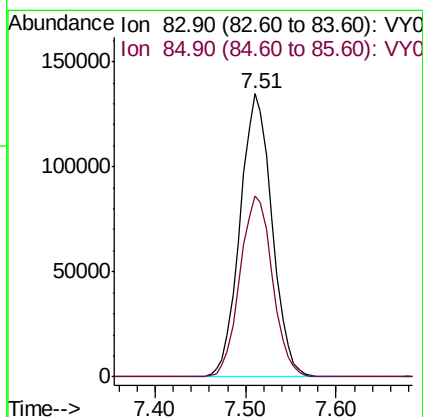
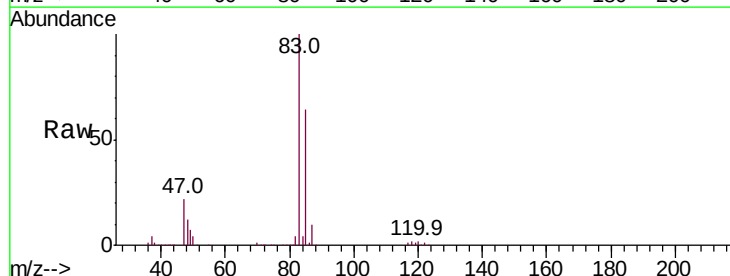
Instrument :
MSVOA_Y
ClientSampleId :

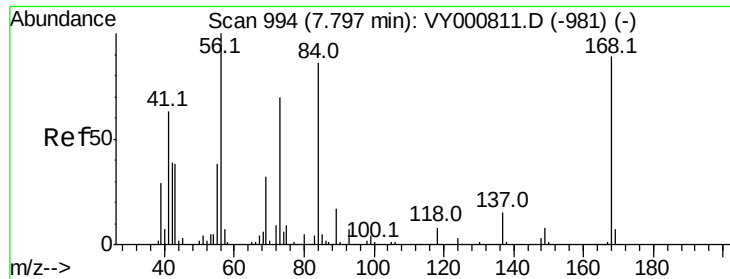
Tot Ion: 42 Resp: 244382
Ion Ratio Lower Upper
42 100
72 43.4 35.1 52.7
71 39.5 32.8 49.2



#30
Chloroform
Concen: 52.061 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 83 Resp: 328508
Ion Ratio Lower Upper
83 100
85 63.9 50.4 75.6

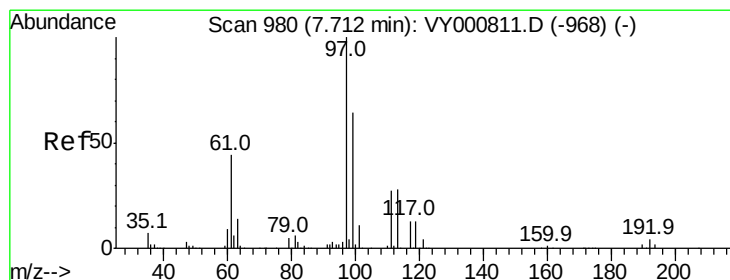
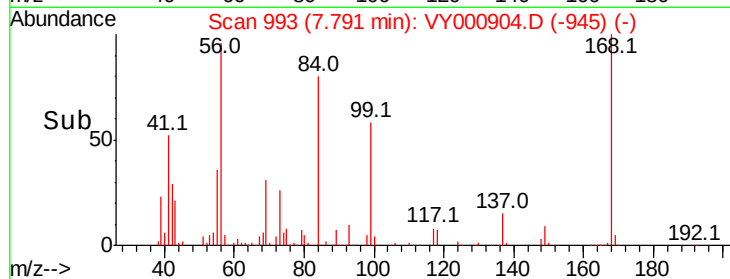
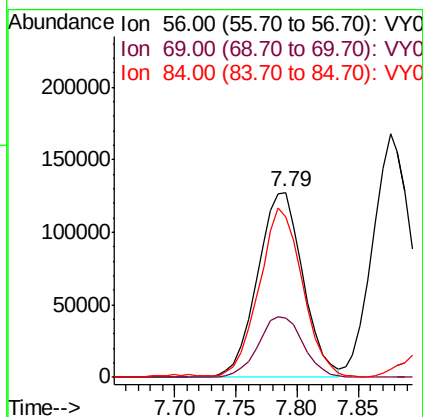
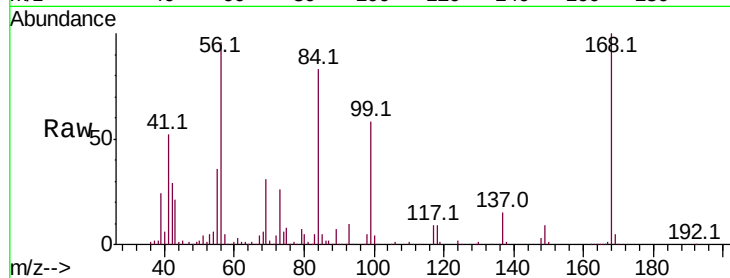




#31
Cyclohexane
Concen: 49.399 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

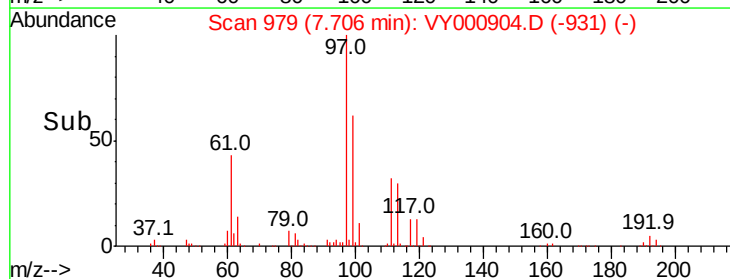
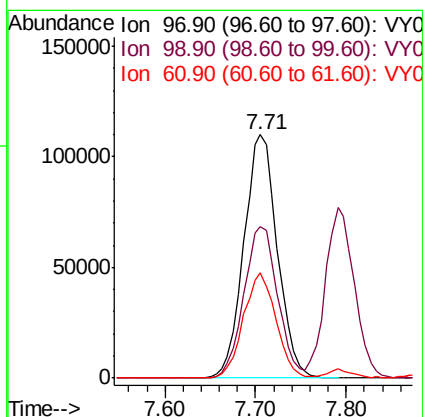
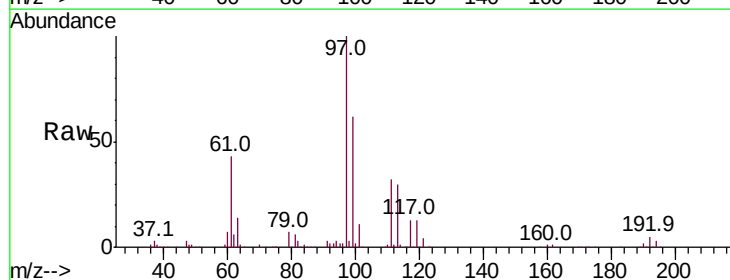
Instrument :
MSVOA_Y
ClientSampled :

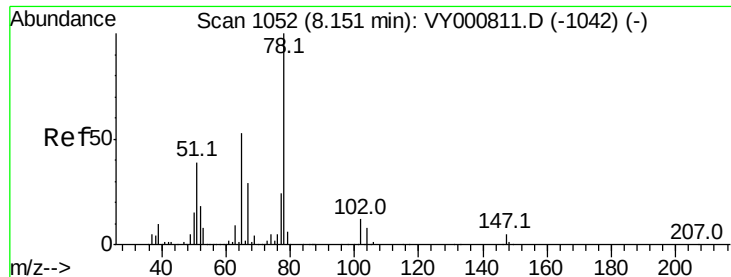
Tot Ion: 56 Resp: 329169
Ion Ratio Lower Upper
56 100
69 32.1 25.9 38.9
84 85.4 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 53.987 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 97 Resp: 281301
Ion Ratio Lower Upper
97 100
99 62.9 51.7 77.5
61 42.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.936 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

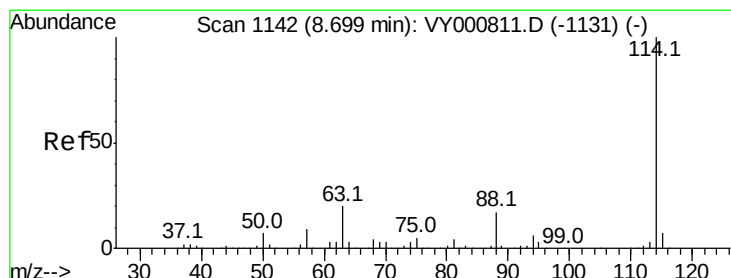
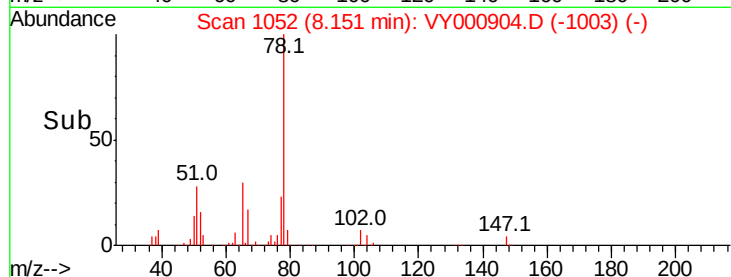
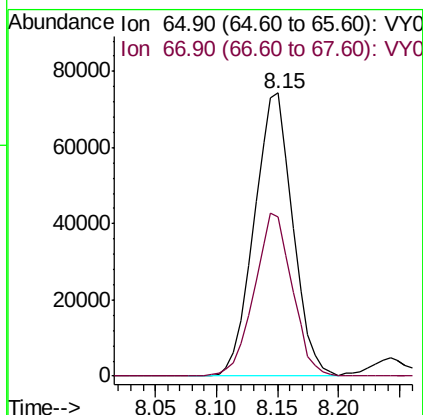
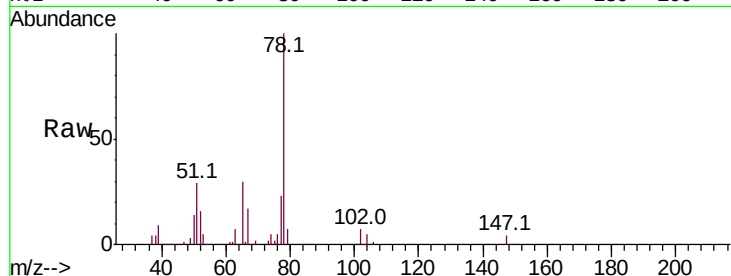
Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 65 Resp: 162993

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

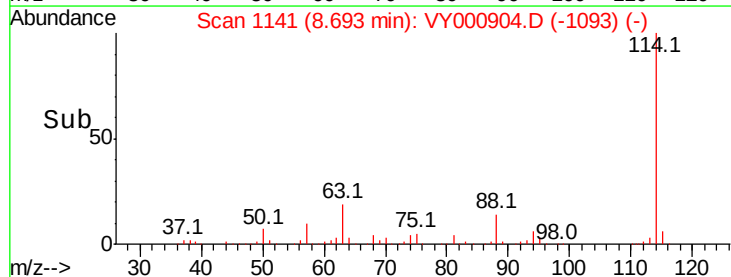
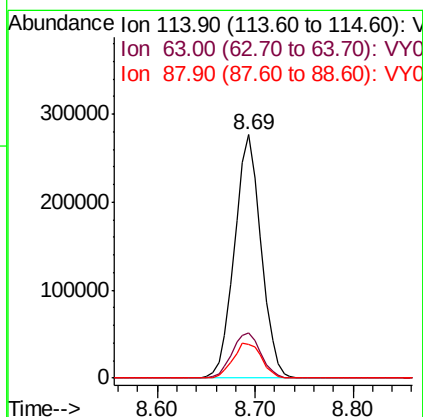
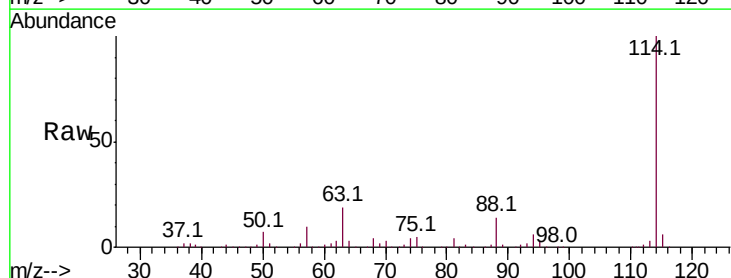
Delta R.T. -0.01 min

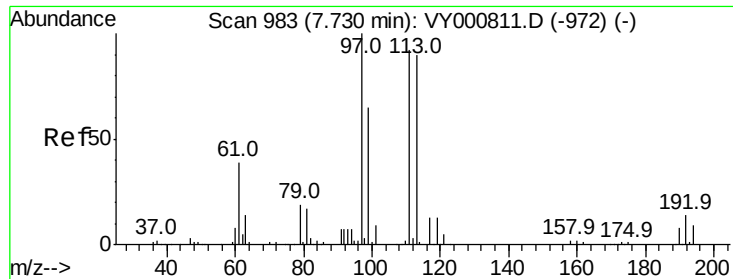
Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion: 114 Resp: 520231

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.8
88	14.0	0.0	33.2

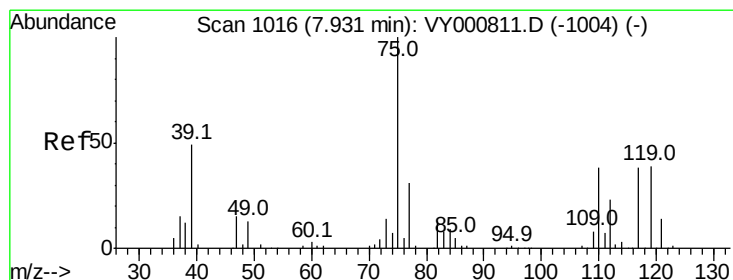
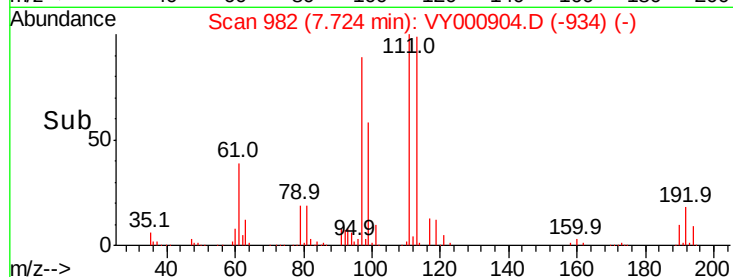
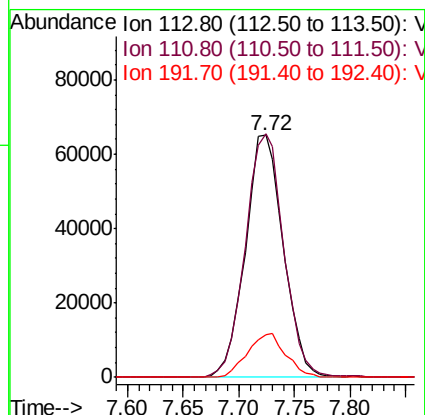
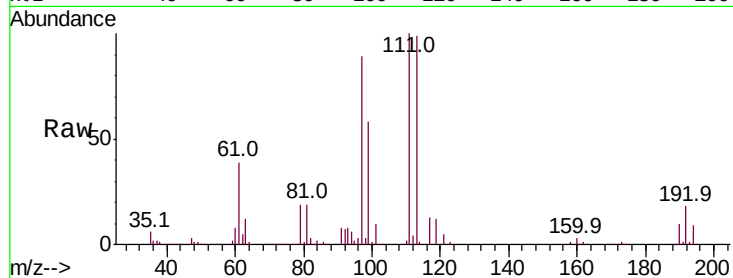




#35
Dibromofluoromethane
Concen: 51.111 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

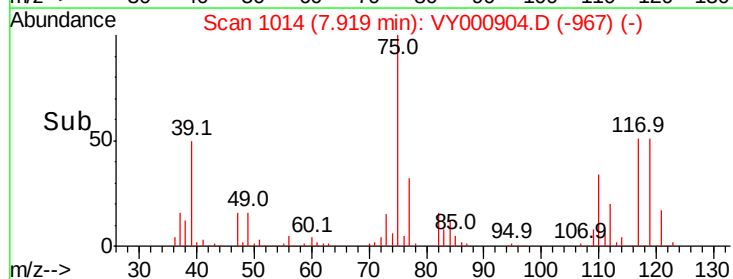
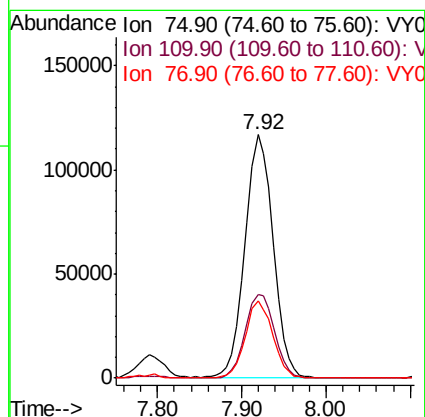
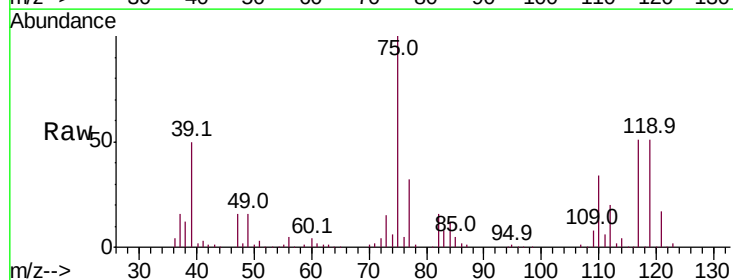
Instrument :
MSVOA_Y
ClientSampleId :

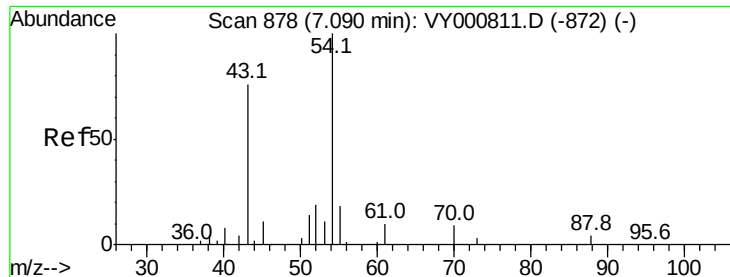
Tot Ion:113 Resp: 154965
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 18.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.180 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 75 Resp: 264738
Ion Ratio Lower Upper
75 100
110 35.7 17.9 53.7
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 51.548 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampled :

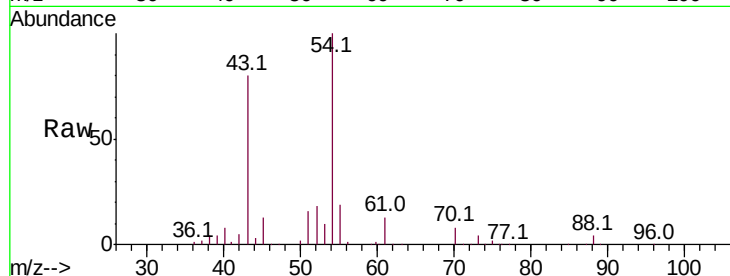
Tot Ion: 43 Resp: 153960

Ion Ratio Lower Upper

43 100

61 15.0 11.8 17.8

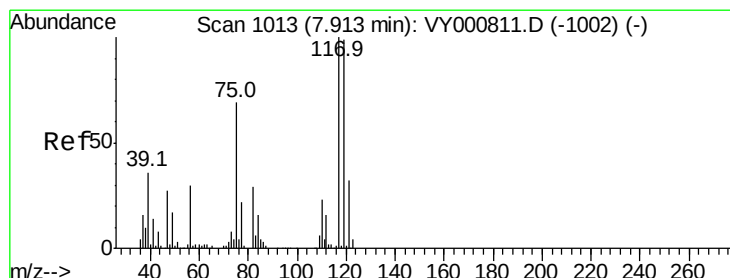
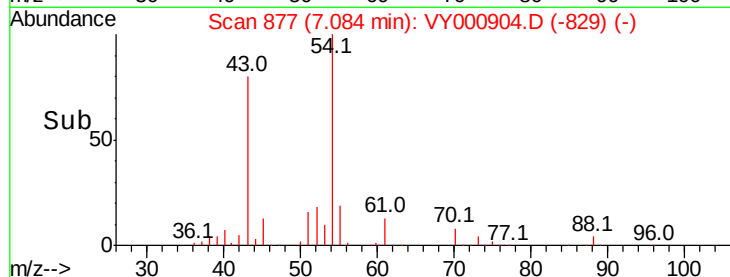
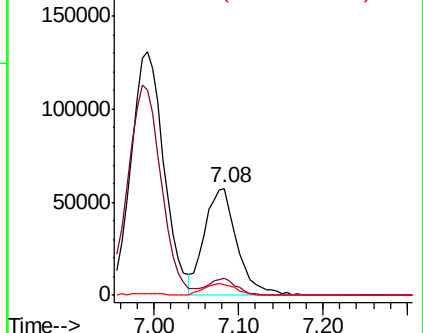
70 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 52.091 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

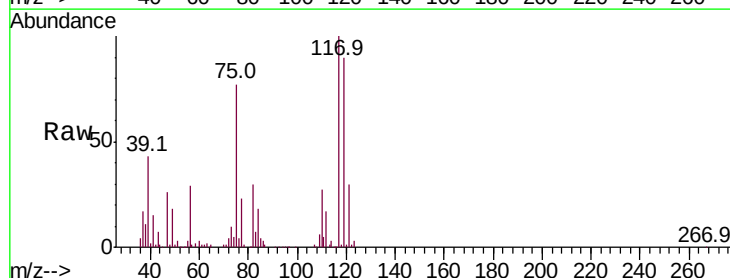
Tgt Ion: 117 Resp: 239961

Ion Ratio Lower Upper

117 100

119 90.4 79.3 118.9

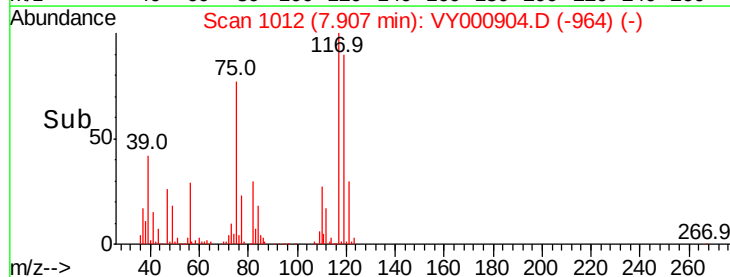
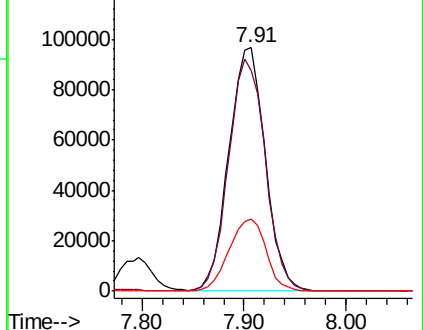
121 29.9 25.5 38.3

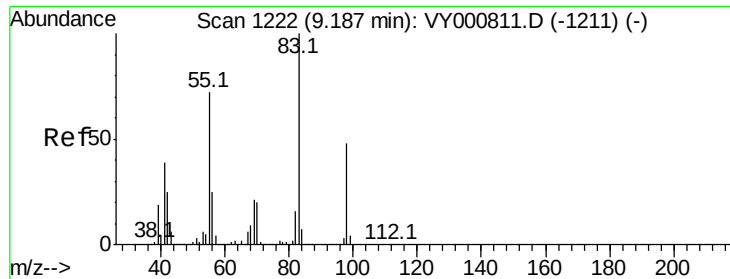


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

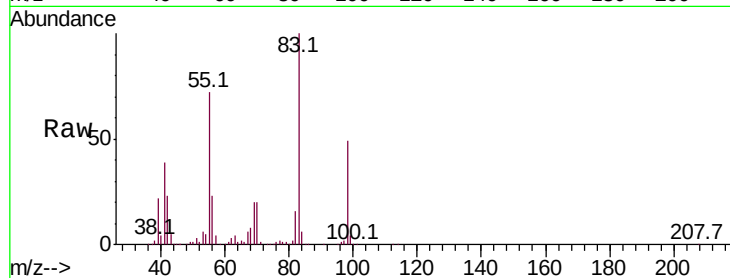




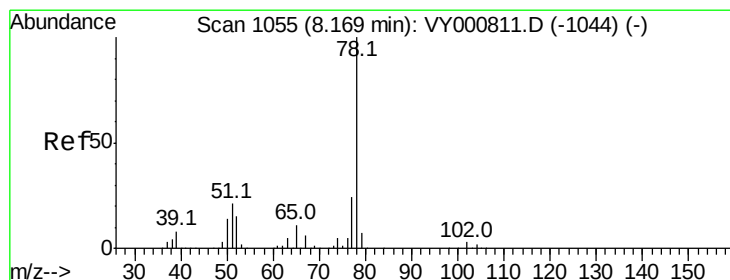
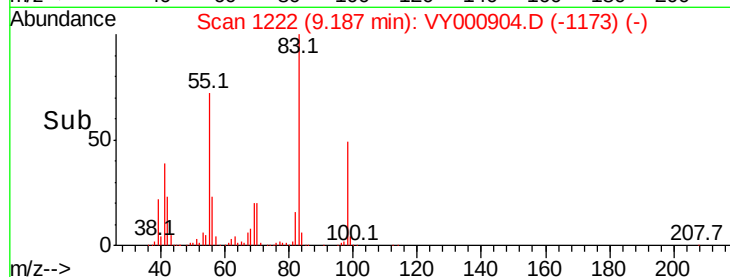
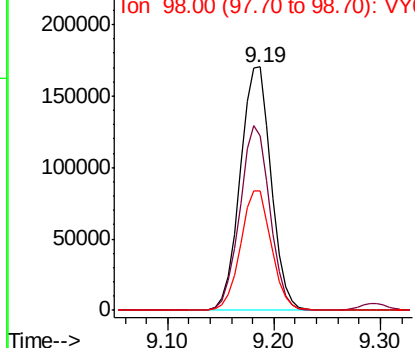
#39
Methylvlcyclohexane
Concen: 50.795 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	57.8	86.6
98	49.0	38.6	58.0

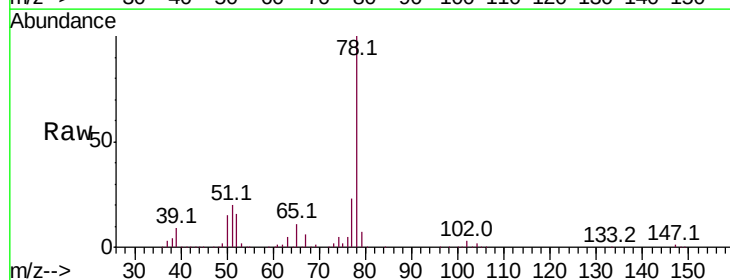


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

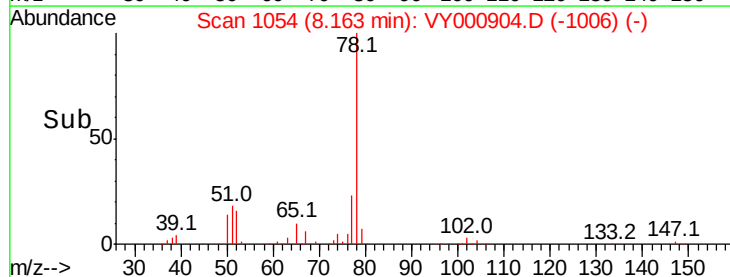
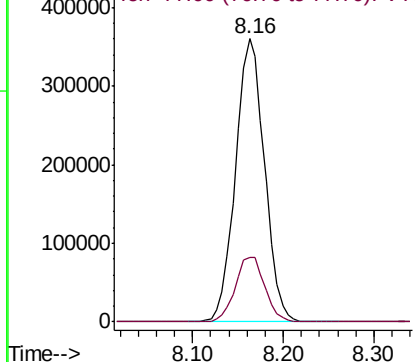


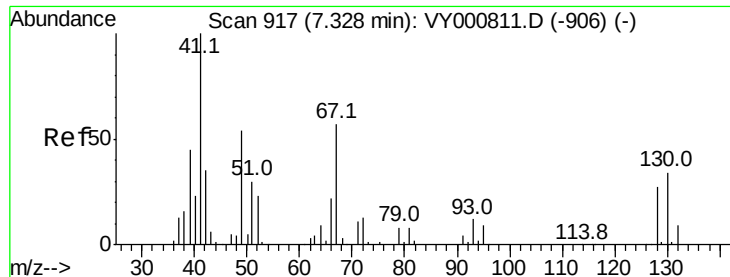
#40
Benzene
Concen: 52.930 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8



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

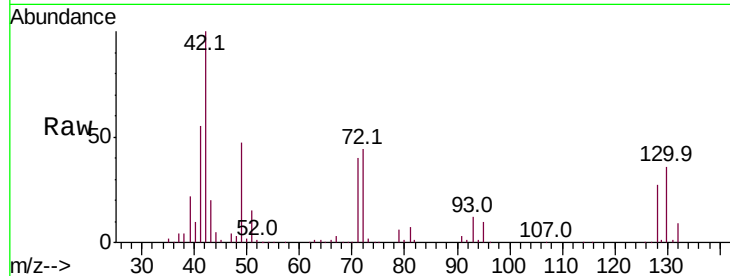




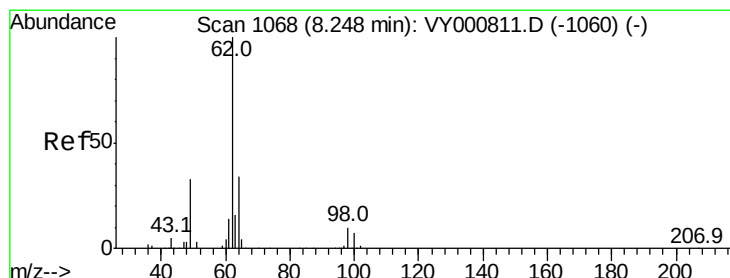
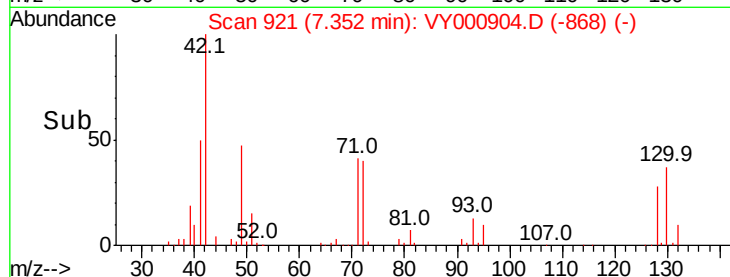
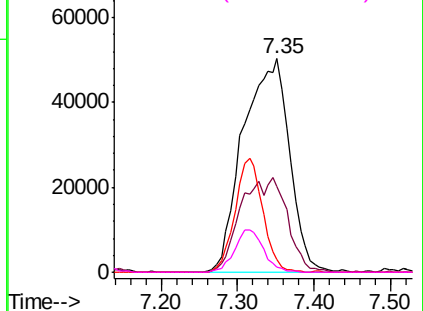
#41
Methacrylonitrile
Concen: 134.246 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

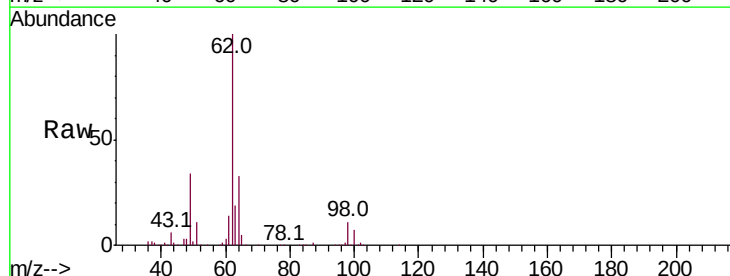


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

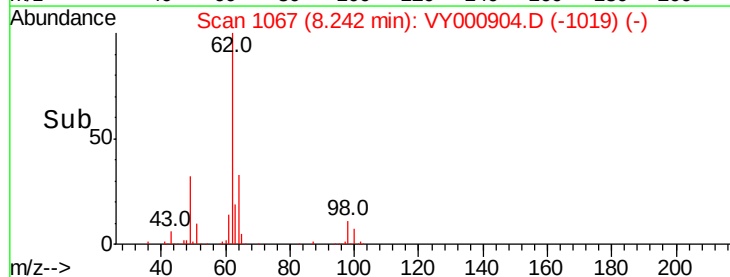
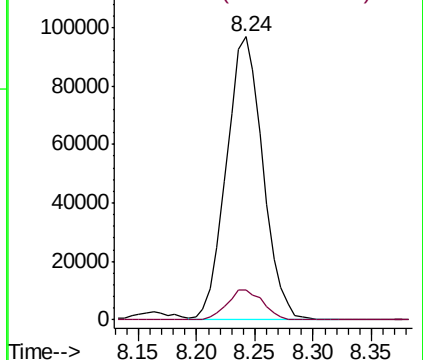


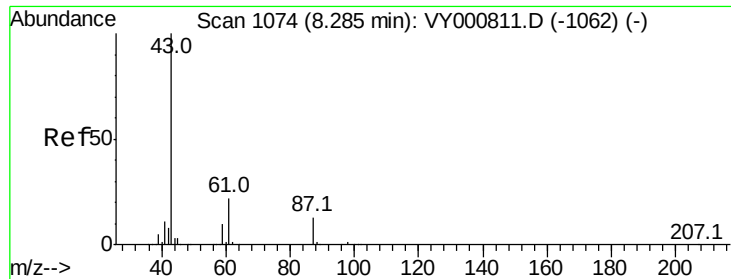
#42
1,2-Dichloroethane
Concen: 53.149 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.879 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

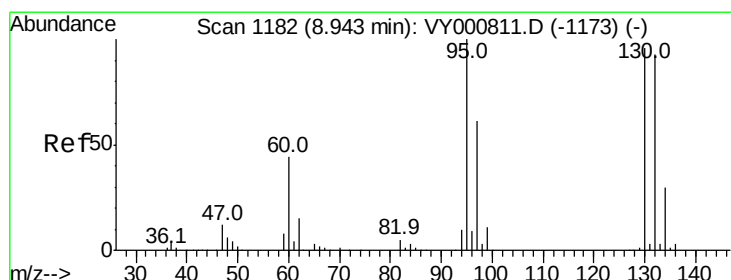
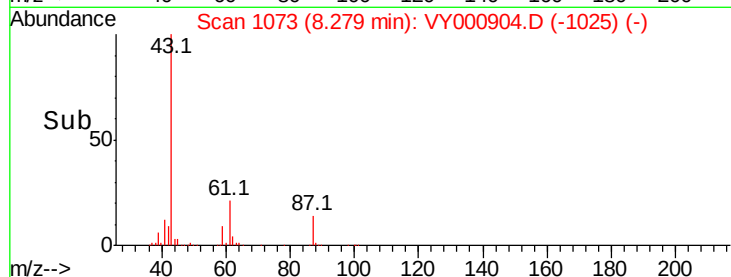
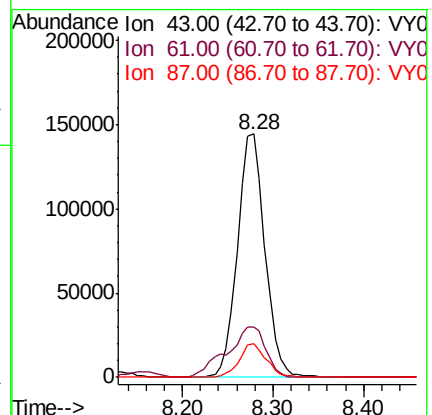
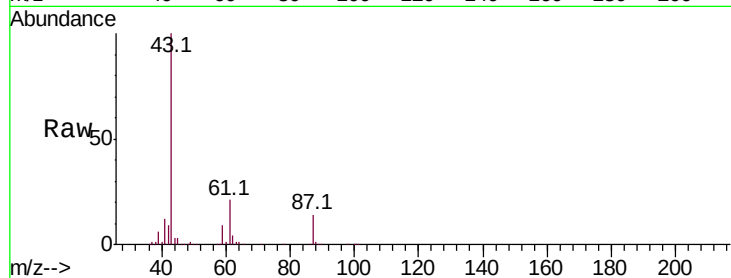
Tot Ion: 43 Resp: 303255

Ion Ratio Lower Upper

43 100

61 29.5 23.7 35.5

87 13.5 10.6 15.8



#44

Trichloroethene

Concen: 52.833 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY000904.D

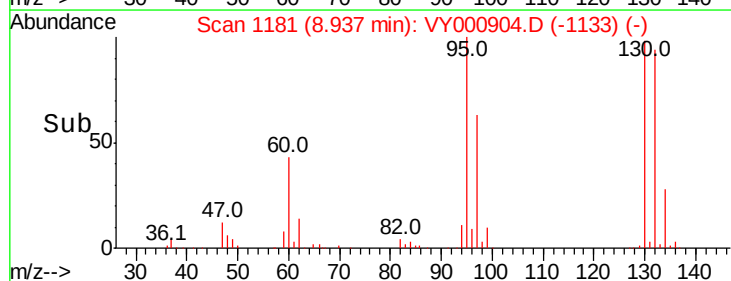
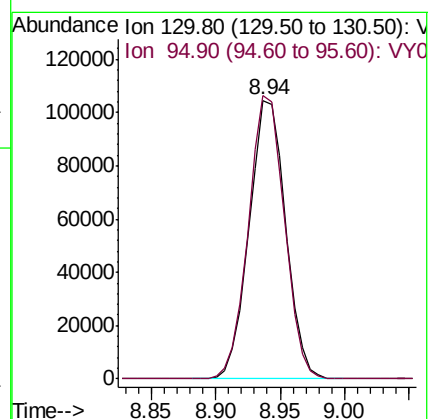
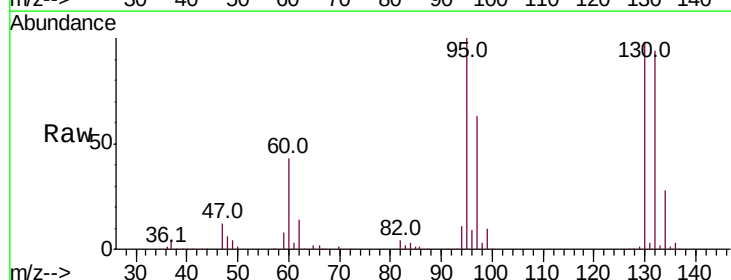
Acq: 06 Dec 2019 16:43

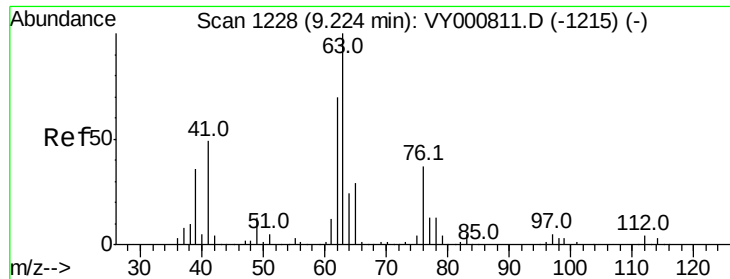
Tgt Ion:130 Resp: 204579

Ion Ratio Lower Upper

130 100

95 101.7 0.0 207.8





#45

1,2-Dichloropropane

Concen: 54.479 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

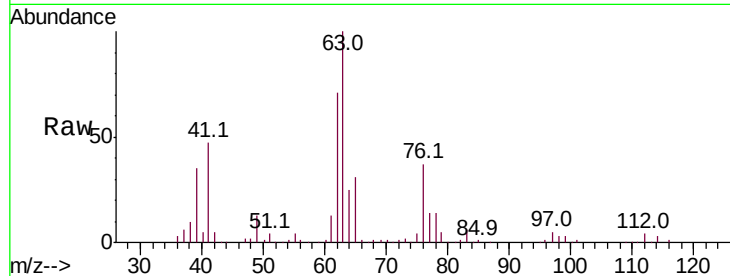
ClientSampleId :

Tot Ion: 63 Resp: 206181

Ion Ratio Lower Upper

63 100

65 30.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

120000

100000

80000

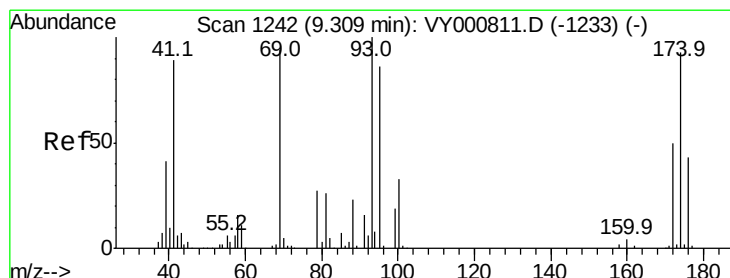
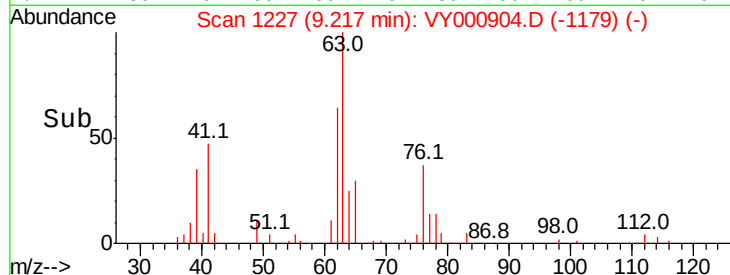
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 53.709 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

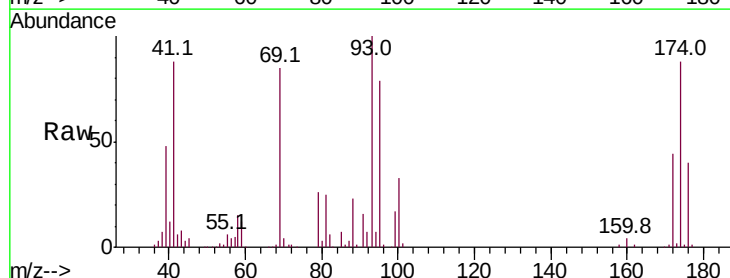
Tgt Ion: 93 Resp: 106205

Ion Ratio Lower Upper

93 100

95 85.9 66.4 99.6

174 92.8 73.0 109.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

80000

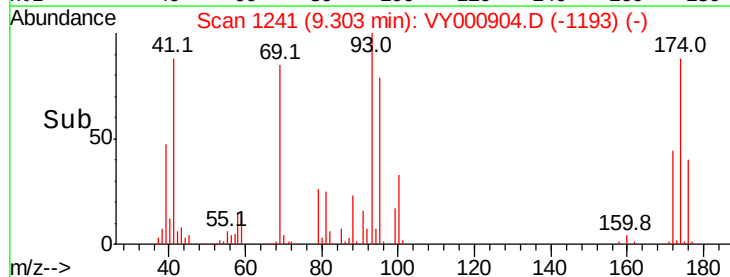
60000

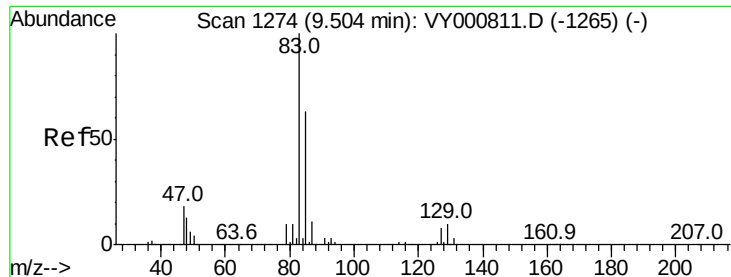
40000

20000

0

Time-->

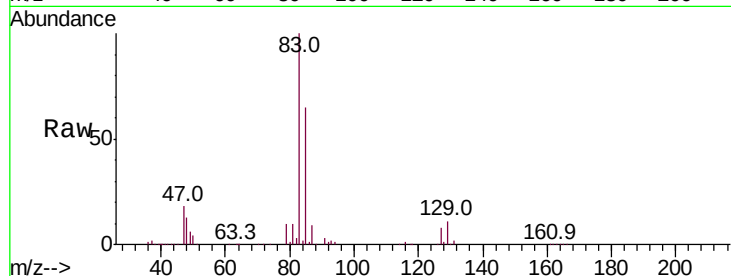




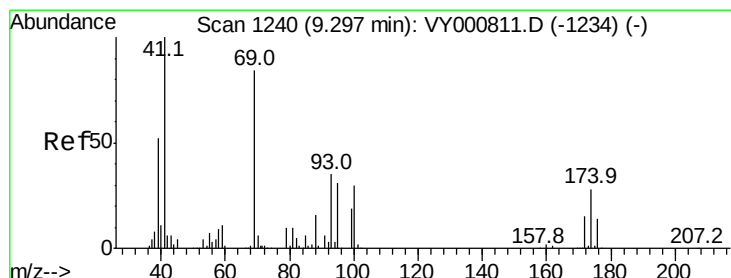
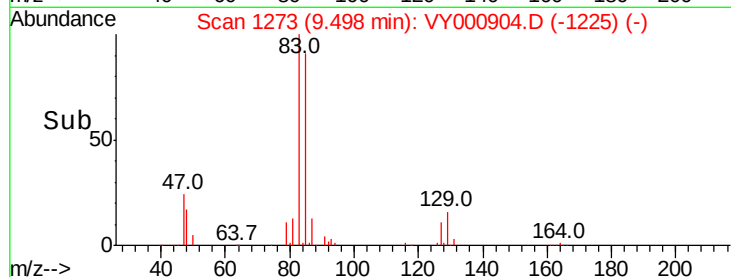
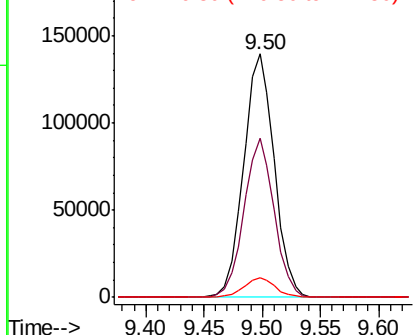
#47
Bromodichloromethane
Concen: 54.842 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 254757
Ion Ratio Lower Upper
83 100
85 65.3 50.8 76.2
127 8.1 6.6 10.0

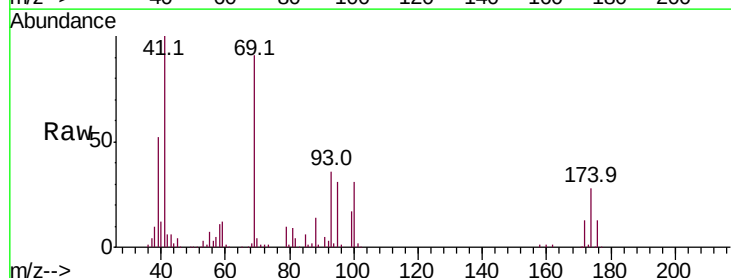


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

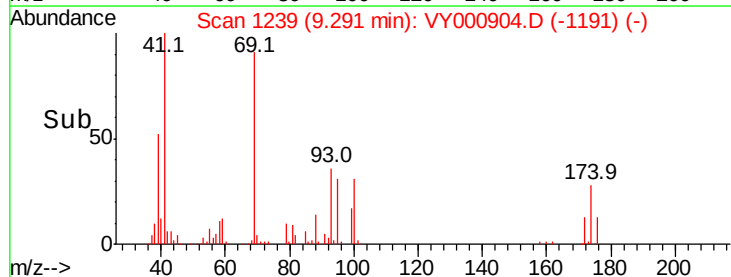
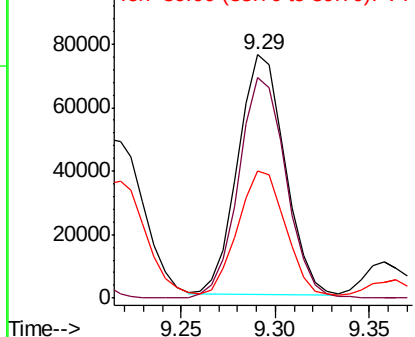


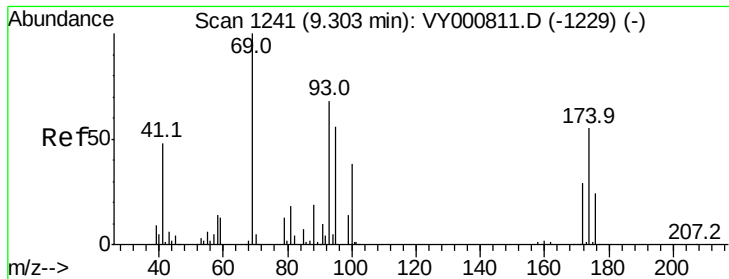
#48
Methyl methacrylate
Concen: 52.779 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 41 Resp: 130631
Ion Ratio Lower Upper
41 100
69 93.2 70.4 105.6
39 54.9 40.9 61.3



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

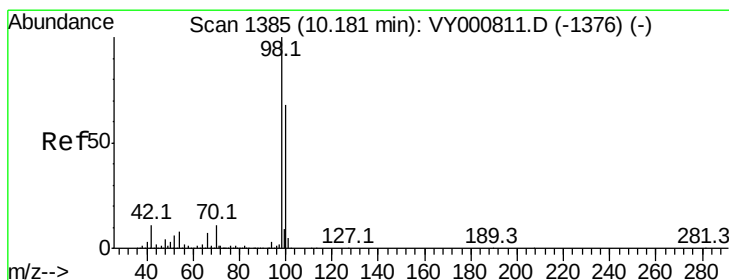
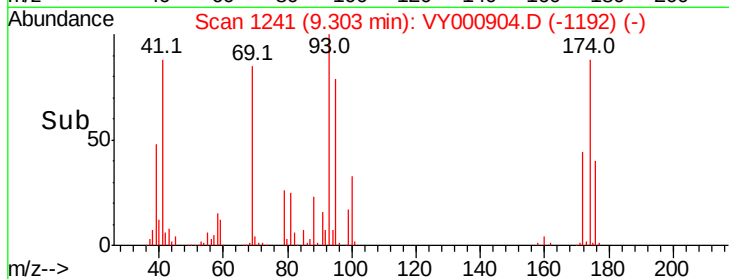
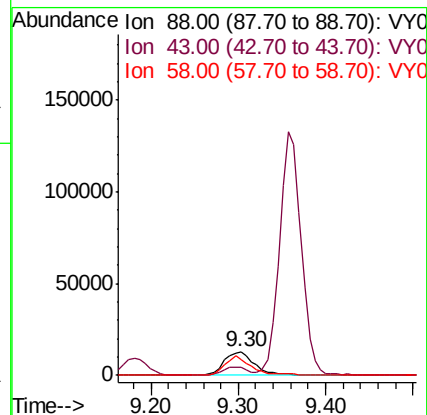
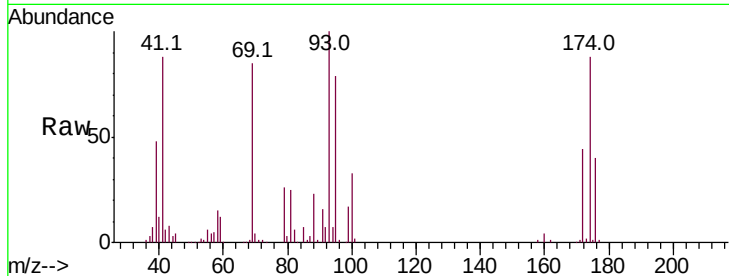




#49
1,4-Dioxane
Concen: 1108.269 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

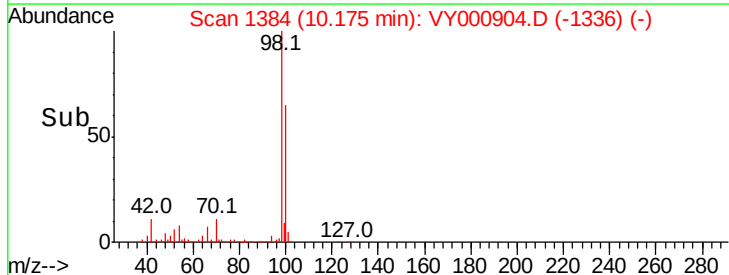
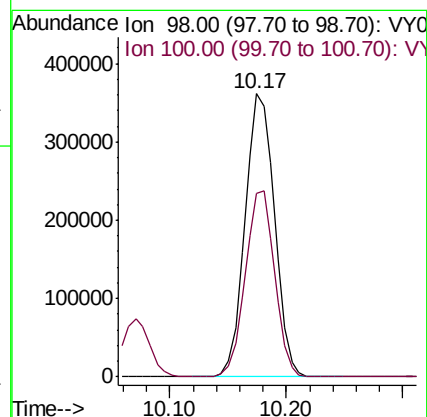
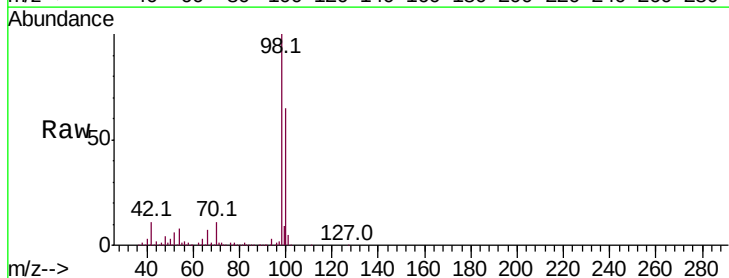
Instrument :
MSVOA_Y
ClientSampleId :

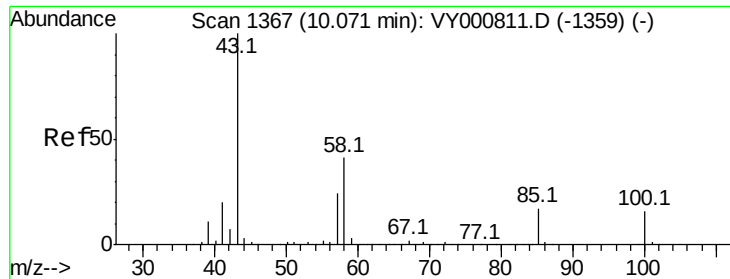
Tot Ion: 88 Resp: 31052
Ion Ratio Lower Upper
88 100
43 32.4 21.1 31.7#
58 67.6 50.7 76.1



#50
Toluene-d8
Concen: 52.794 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 98 Resp: 639943
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 272.421 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

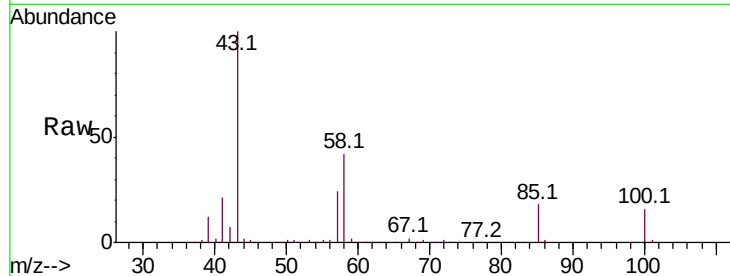
ClientSampleId :

Tot Ion: 43 Resp: 792230

Ion Ratio Lower Upper

43 100

58 40.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)

10.07

400000

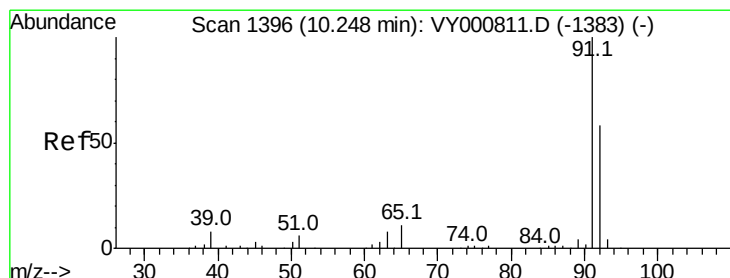
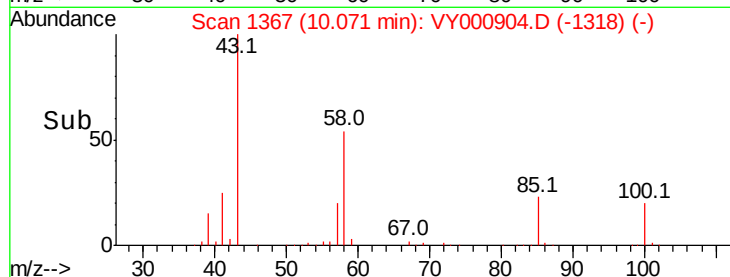
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.905 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000904.D

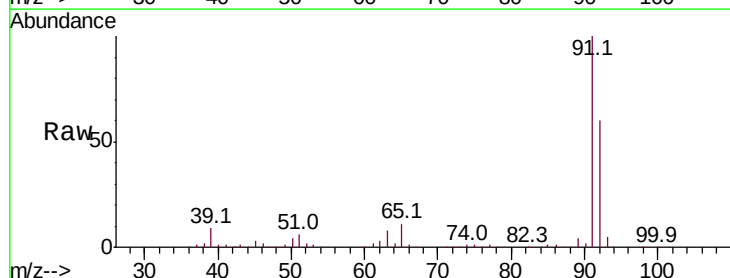
Acq: 06 Dec 2019 16:43

Tgt Ion: 92 Resp: 502872

Ion Ratio Lower Upper

92 100

91 169.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)

10.24

600000

500000

400000

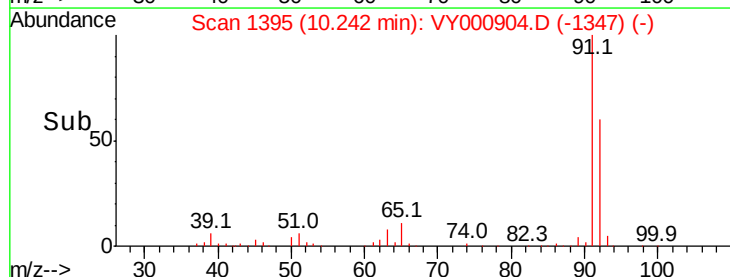
300000

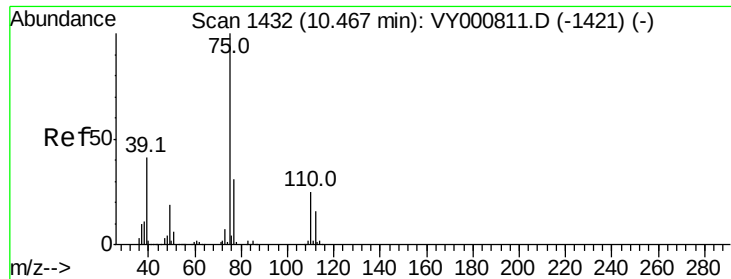
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 56.457 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

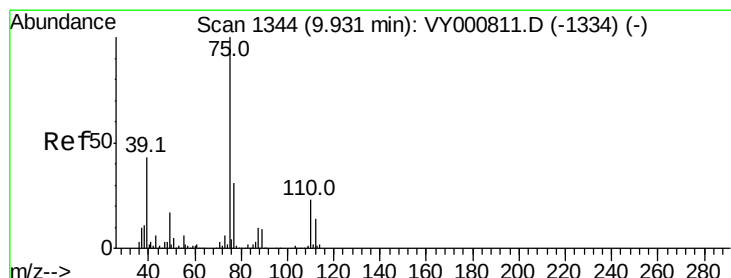
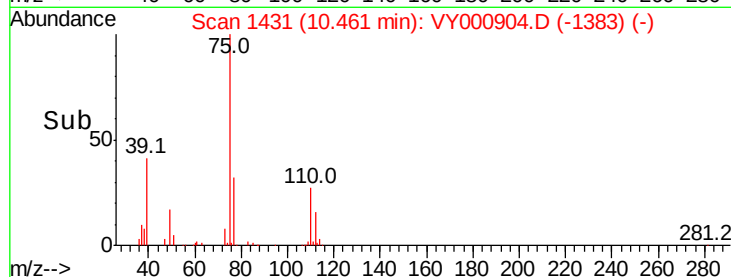
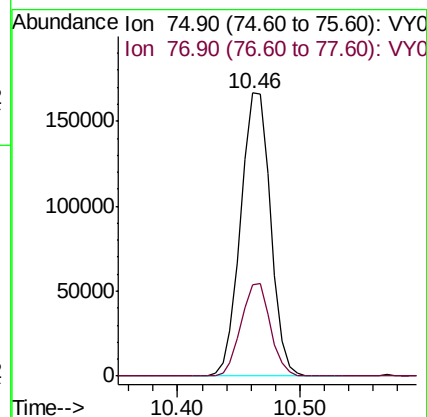
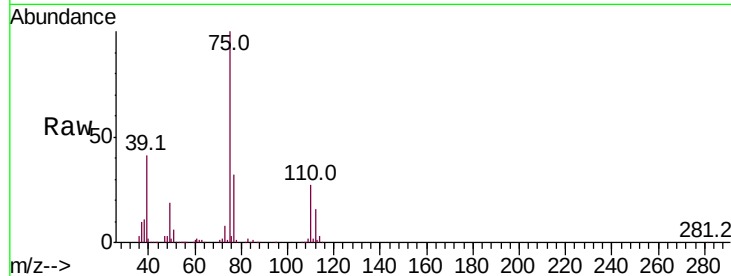
ClientSampleId :

Tot Ion: 75 Resp: 281759

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 54.597 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

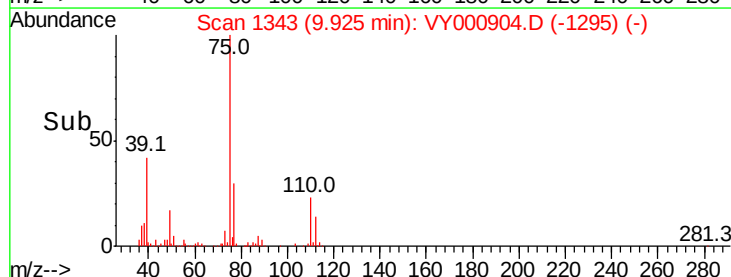
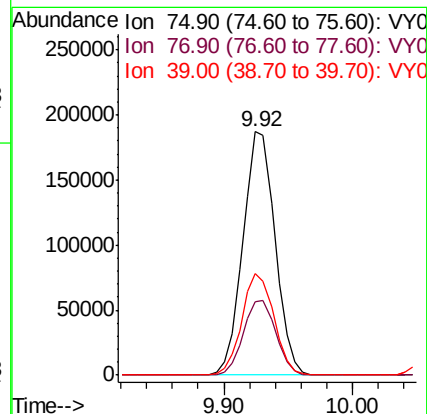
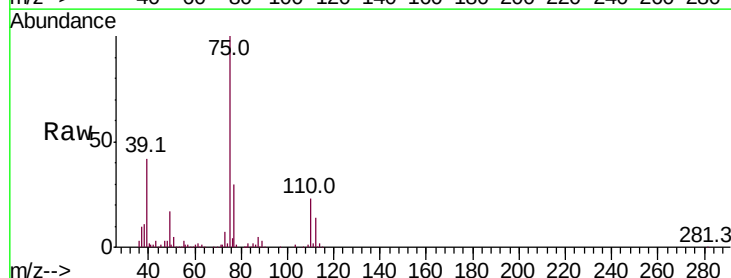
Tgt Ion: 75 Resp: 322066

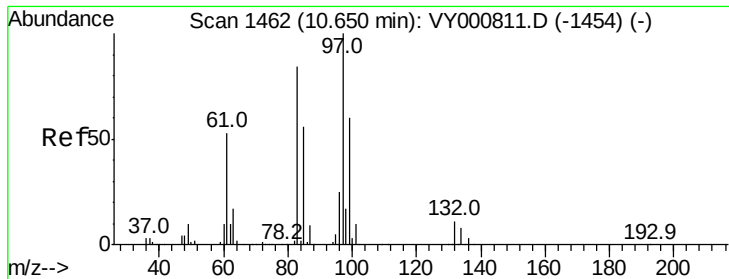
Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

39 41.6 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 55.404 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 161864

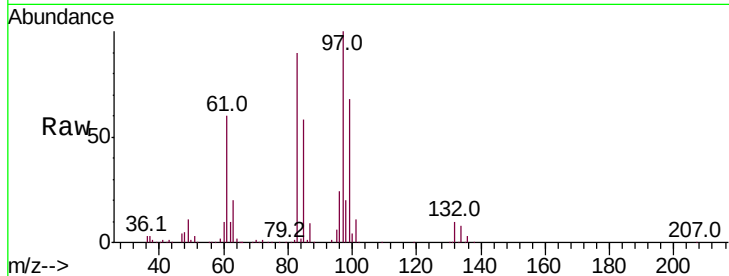
Ion Ratio Lower Upper

97 100

83 90.0 67.5 101.3

85 57.7 44.5 66.7

99 67.8 47.7 71.5



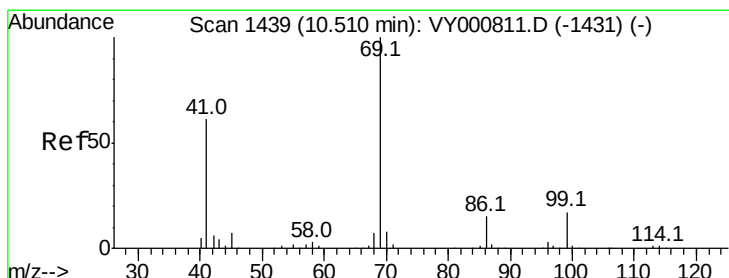
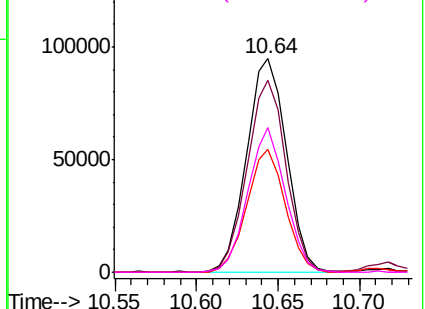
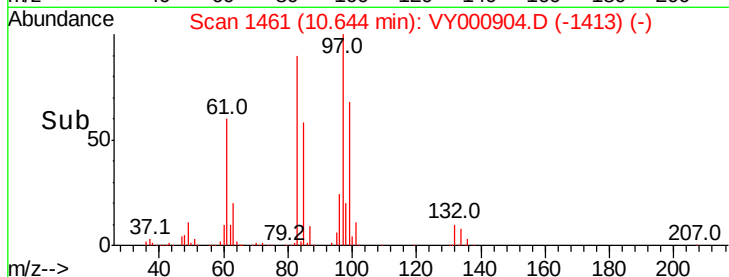
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 56.928 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

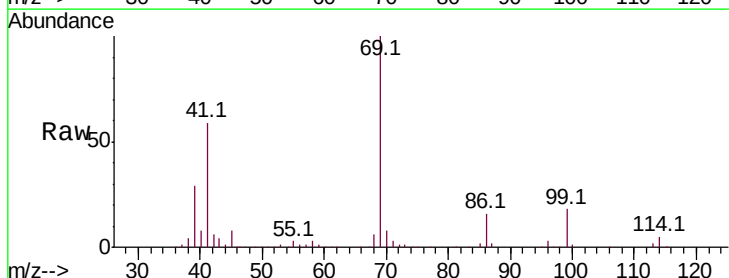
Tgt Ion: 69 Resp: 237919

Ion Ratio Lower Upper

69 100

41 61.1 49.0 73.6

39 29.6 23.1 34.7

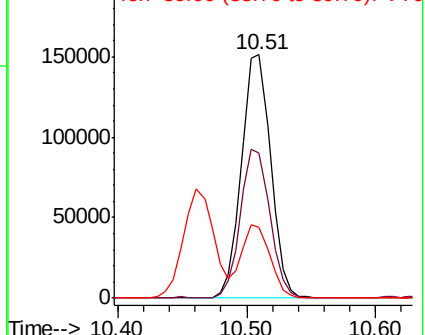
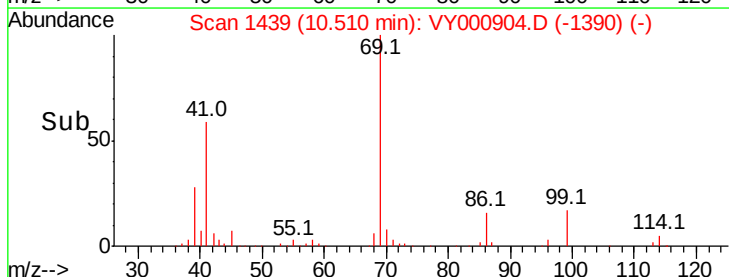


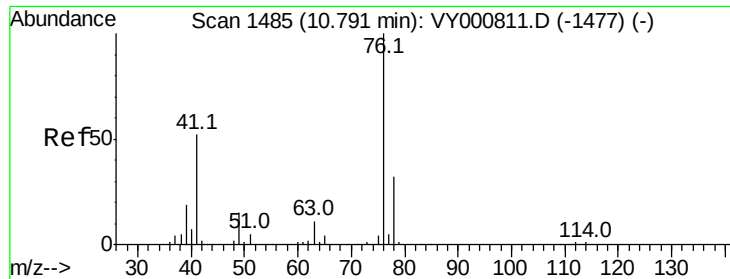
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 55.487 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

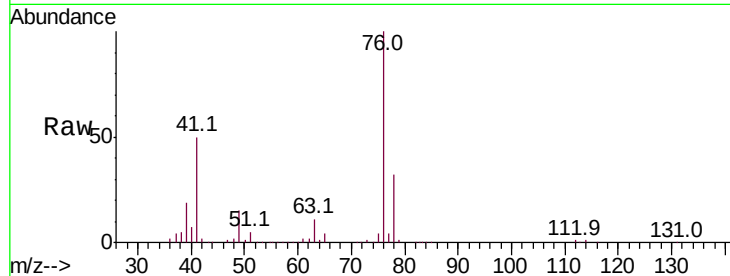
ClientSampleId :

Tot Ion: 76 Resp: 282531

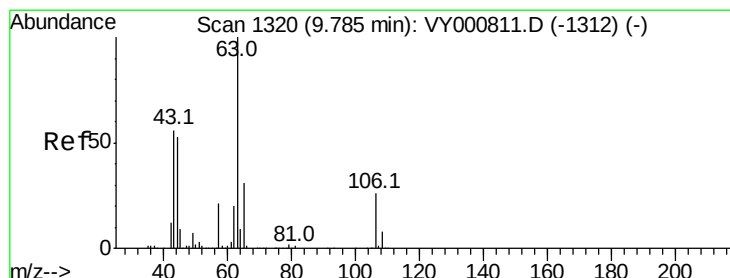
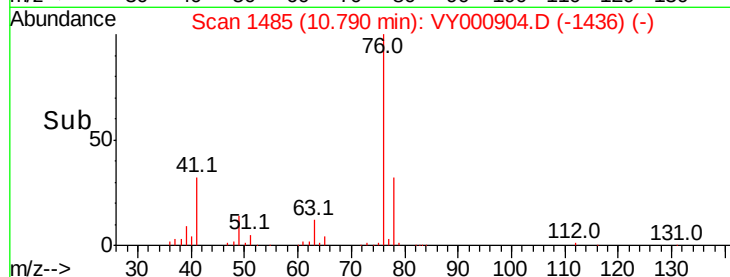
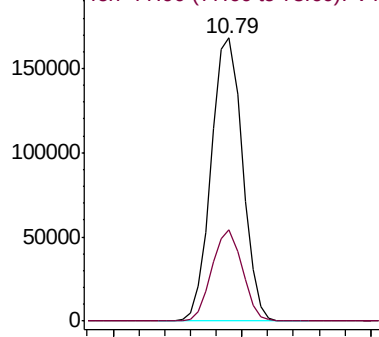
Ion Ratio Lower Upper

76 100

78 31.5 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 251.165 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000904.D

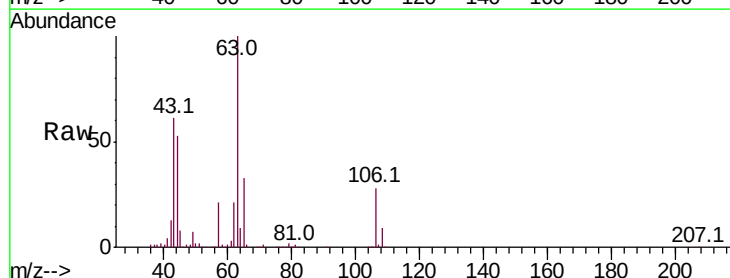
Acq: 06 Dec 2019 16:43

Tgt Ion: 63 Resp: 423250

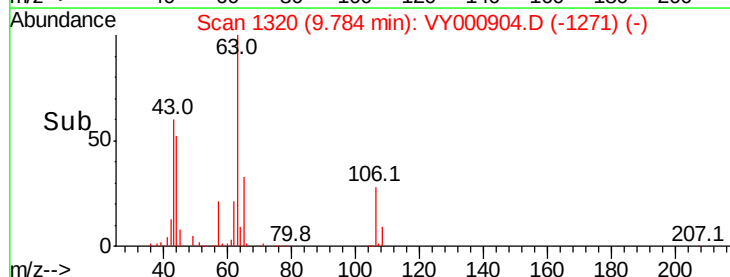
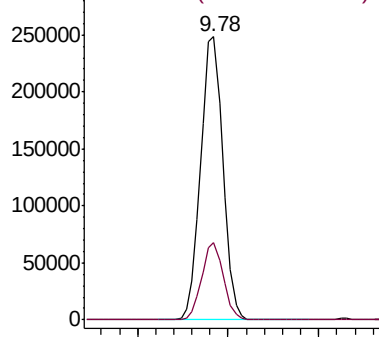
Ion Ratio Lower Upper

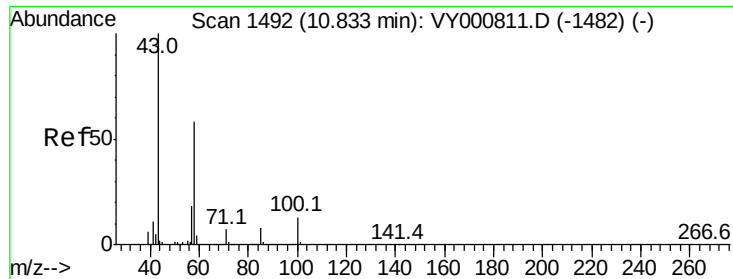
63 100

106 26.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 105.90 (105.60 to 106.60): V

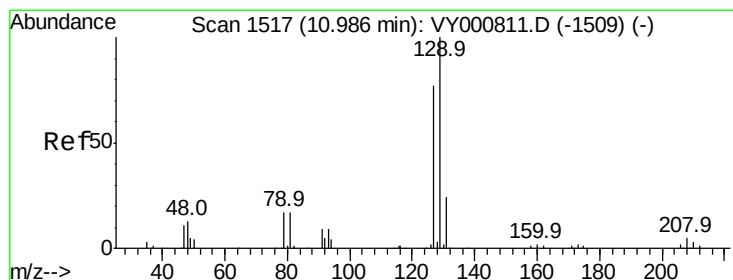
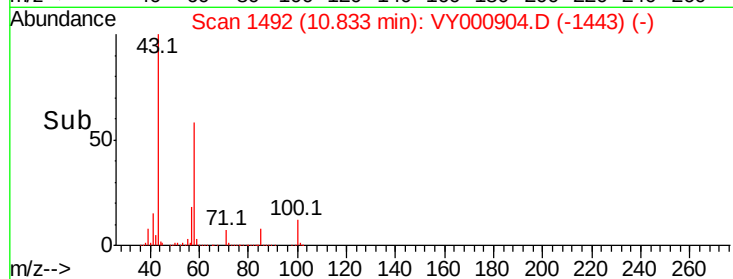
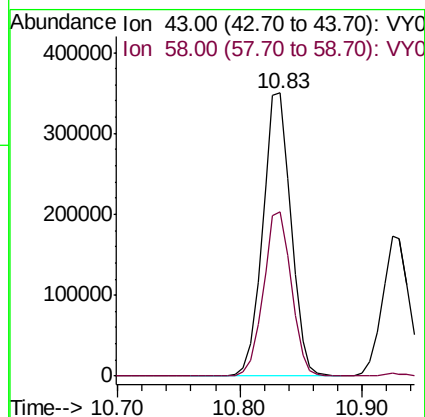
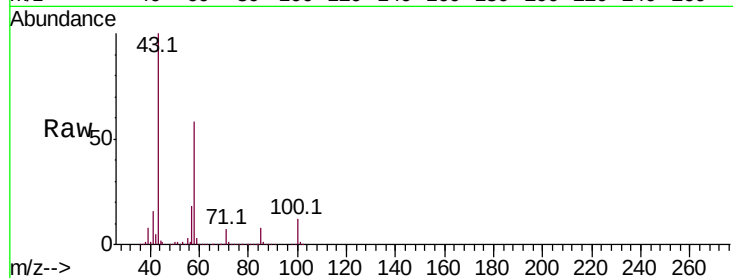




#59
2-Hexanone
Concen: 264.669 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

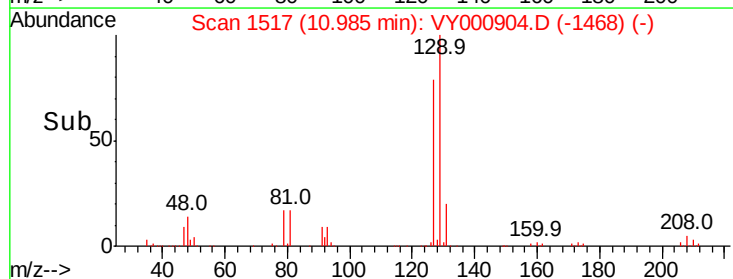
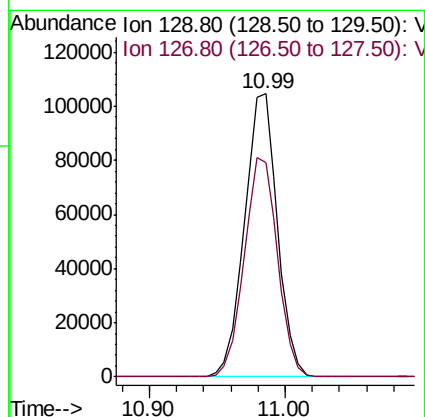
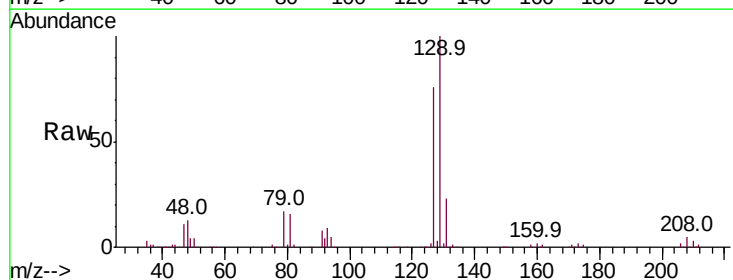
Instrument :
MSVOA_Y
ClientSampleId :

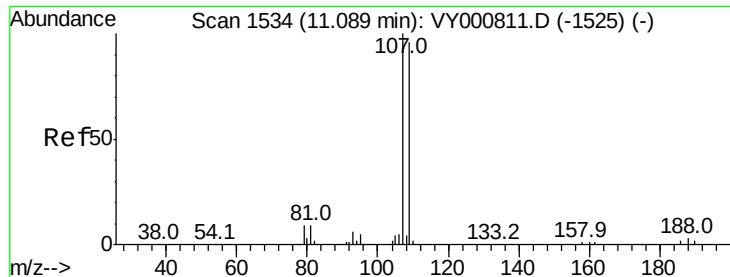
Tot Ion: 43 Resp: 560852
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.1



#60
Dibromochloromethane
Concen: 56.287 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 129 Resp: 177023
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2

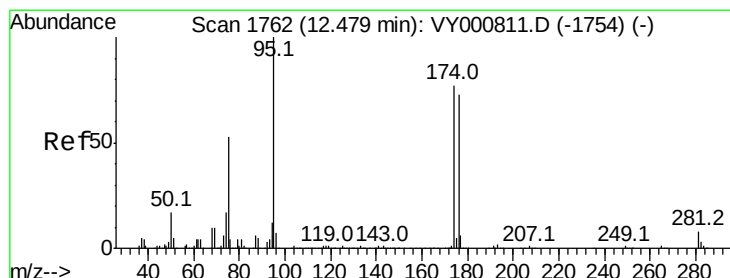
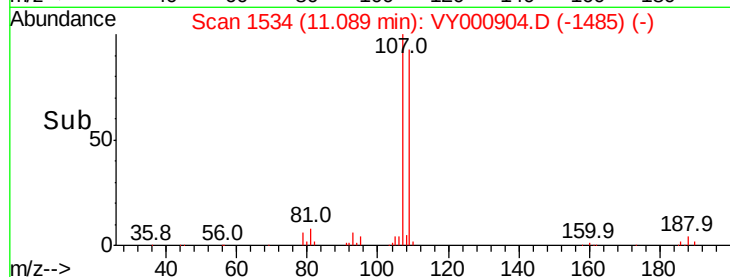
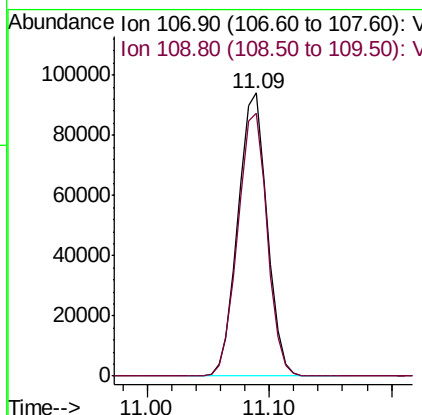
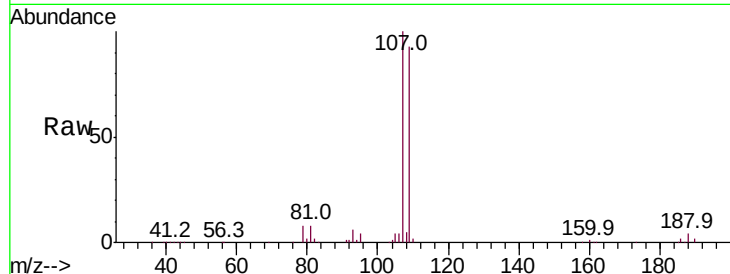




#61
 1,2-Dibromoethane
 Concen: 56.249 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

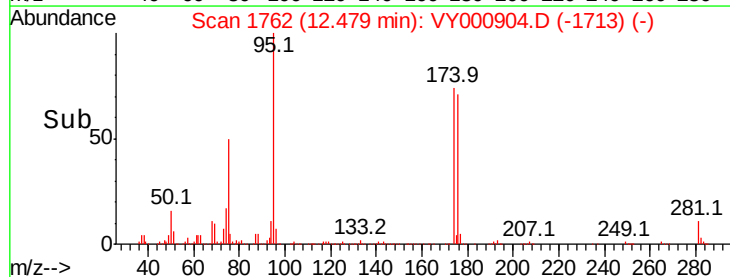
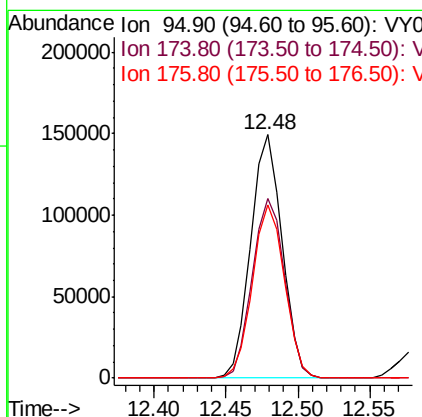
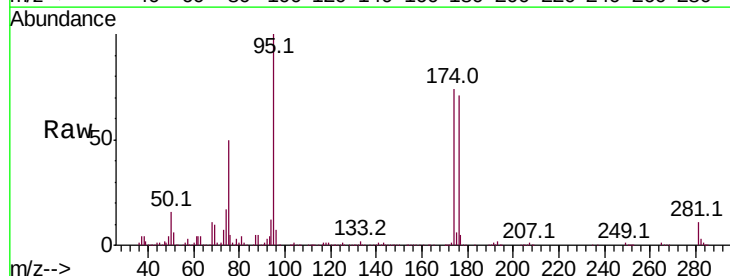
Instrument :
 MSVOA_Y
 ClientSampled :

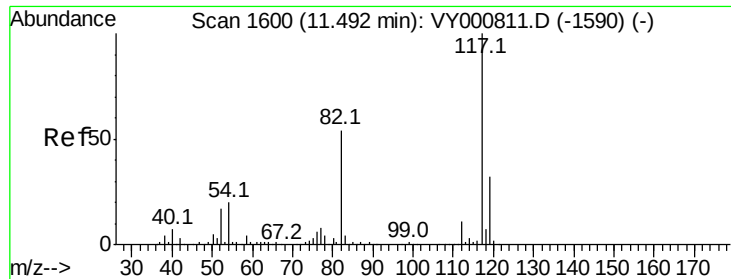
Tot Ion:107 Resp: 154873
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.300 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion: 95 Resp: 224426
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.6
 176 72.5 0.0 145.2

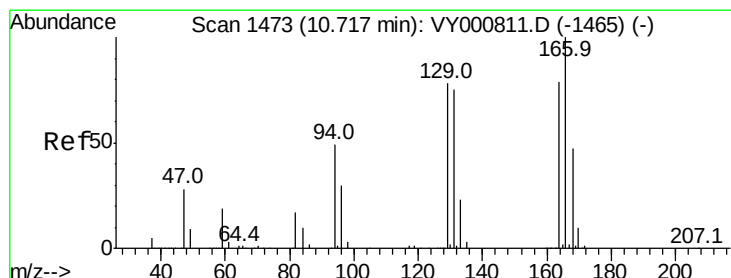
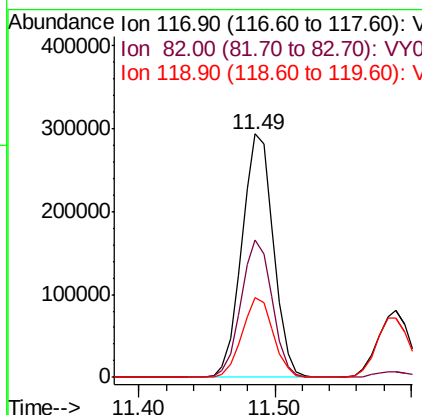
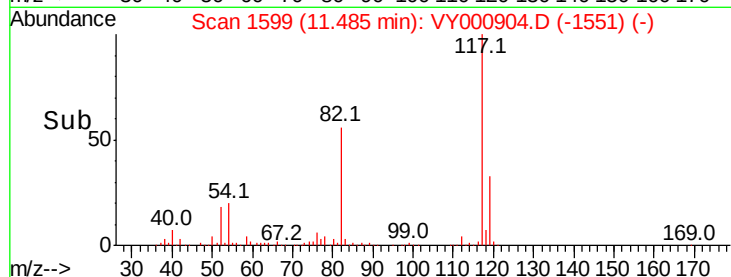
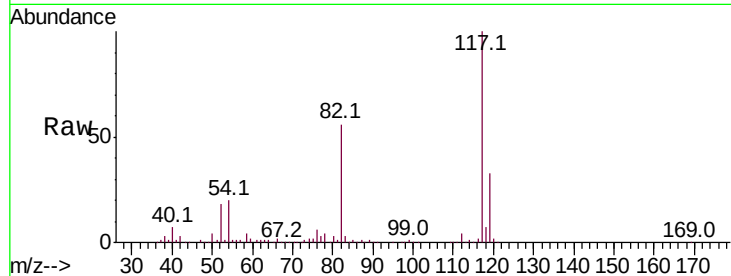




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

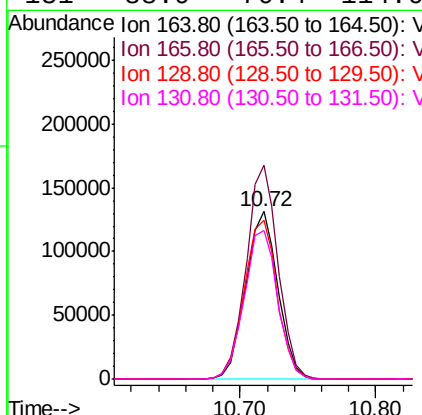
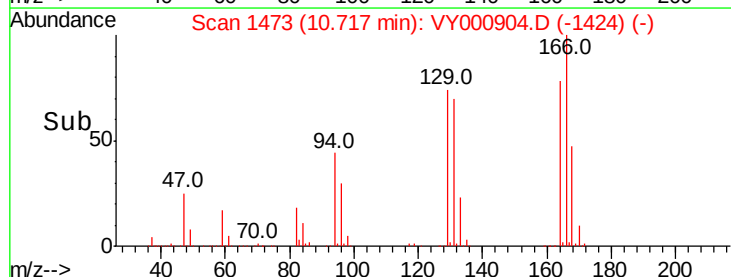
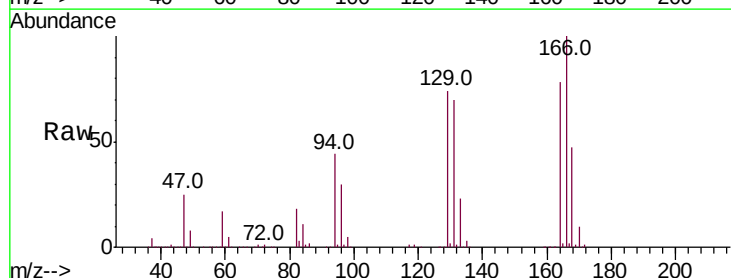
Instrument :
MSVOA_Y
ClientSampleId :

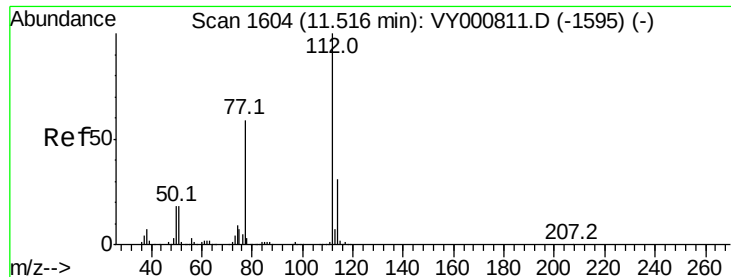
Tot Ion:117 Resp: 474895
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 33.0 25.3 37.9



#64
Tetrachloroethene
Concen: 52.768 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion:164 Resp: 217719
Ion Ratio Lower Upper
164 100
166 127.8 101.8 152.8
129 95.0 79.3 118.9
131 88.9 76.4 114.6

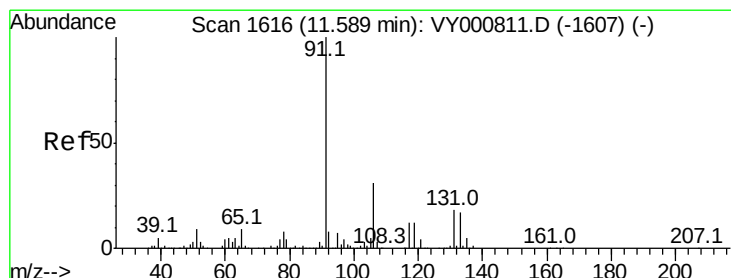
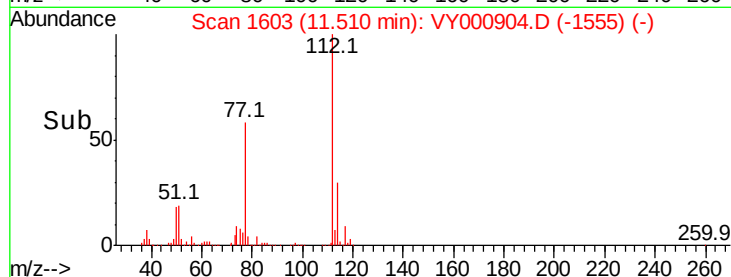
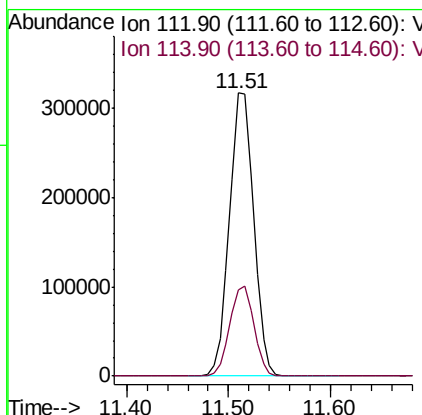
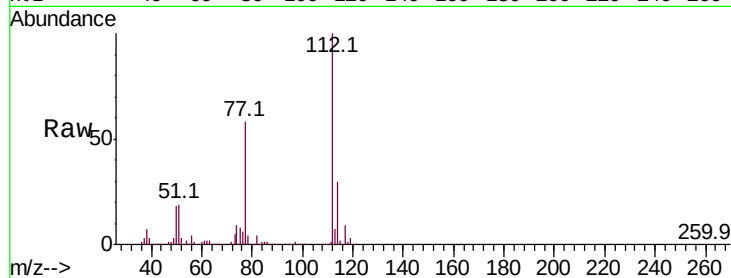




#65
Chlorobenzene
Concen: 52.683 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

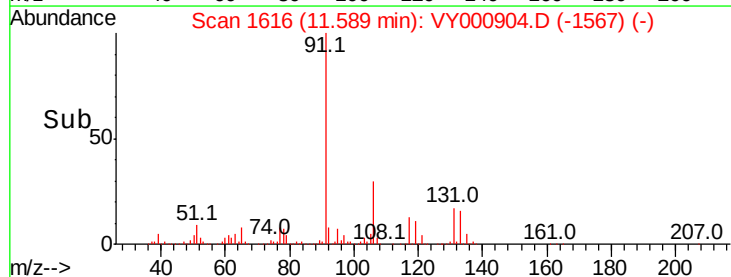
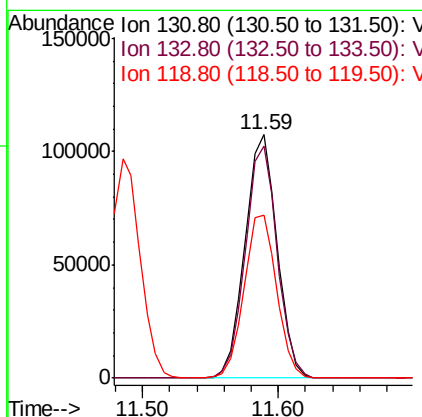
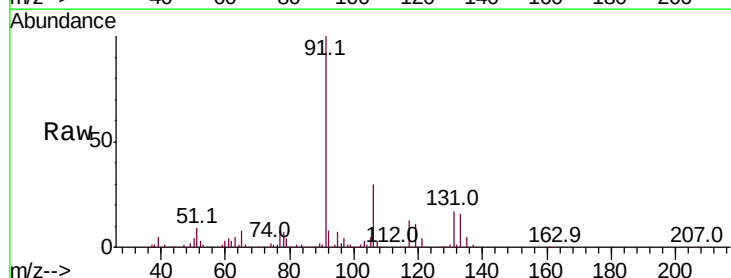
Instrument :
MSVOA_Y
ClientSampleId :

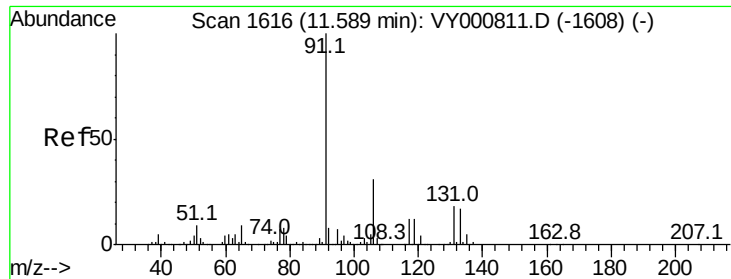
Tot Ion:112 Resp: 520051
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.333 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion:131 Resp: 177422
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 68.2 33.8 101.3

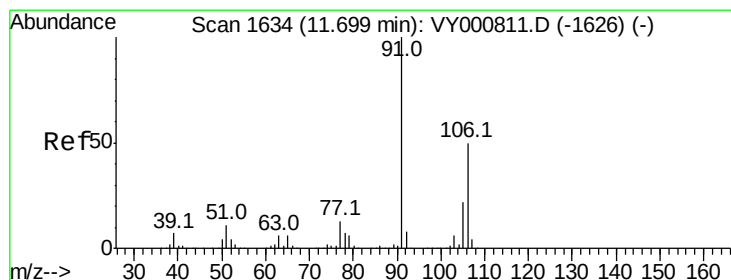
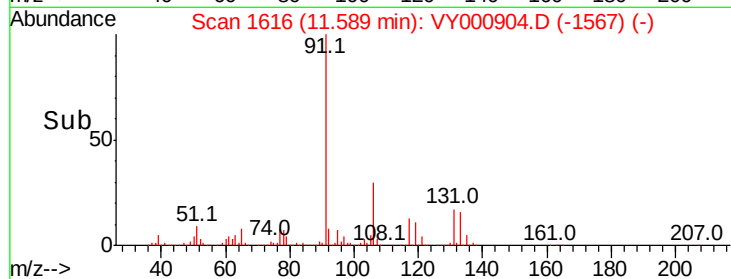
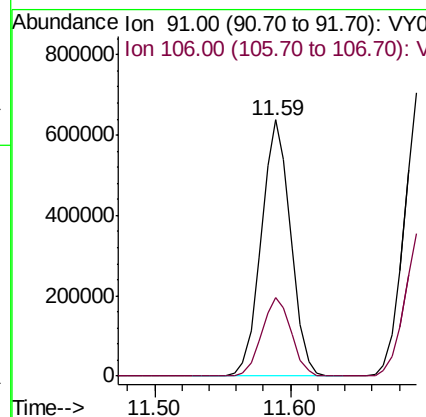
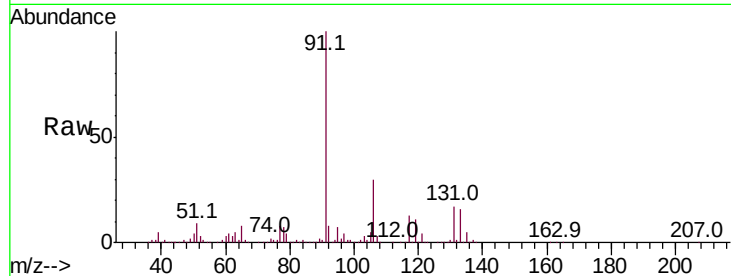




#67
Ethyl Benzene
Concen: 52.394 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

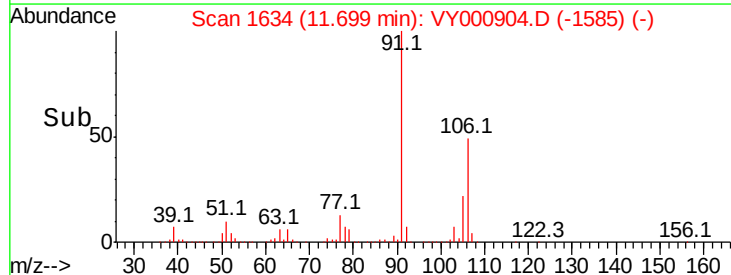
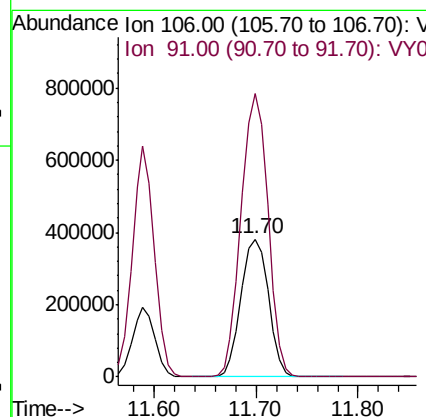
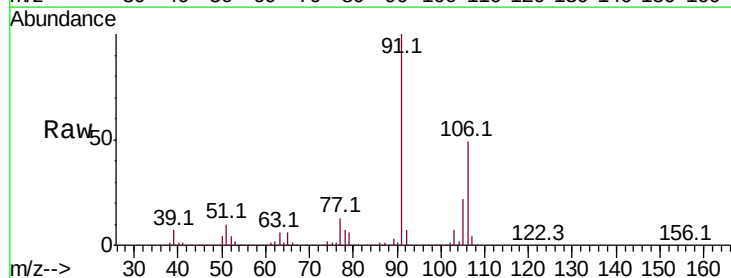
Instrument :
MSVOA_Y
ClientSampleId :

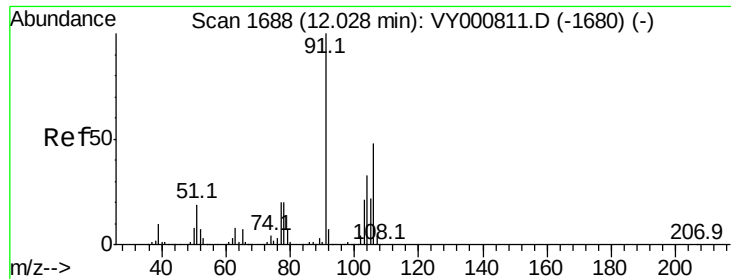
Tot Ion: 91 Resp: 963223
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 103.497 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 106 Resp: 714175
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4

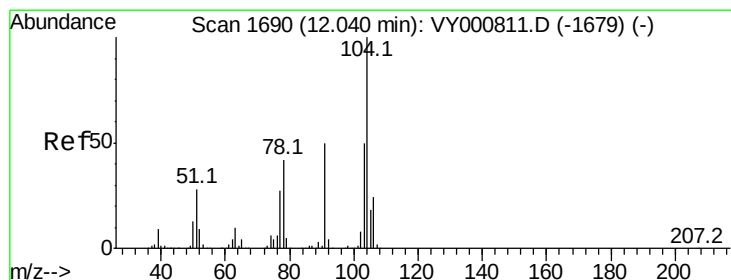
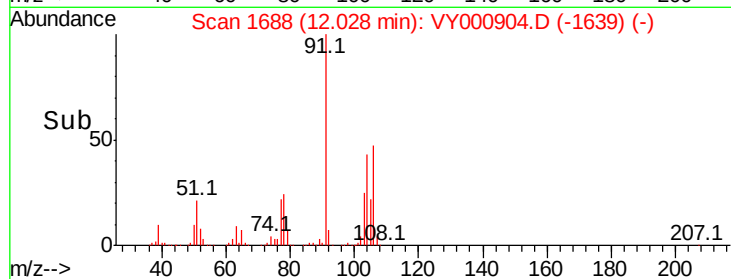
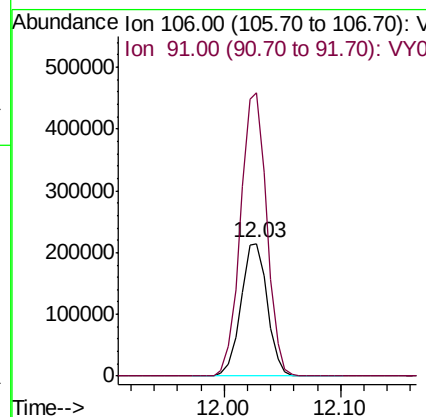
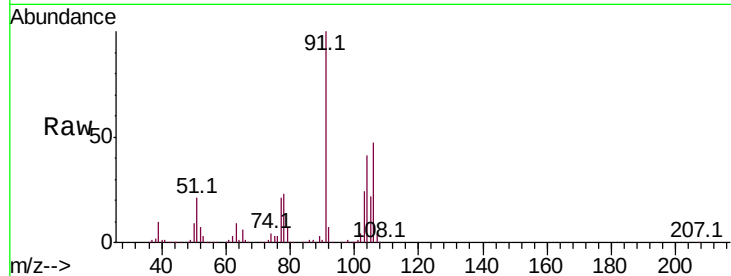




#69
o-Xylene
Concen: 52.639 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

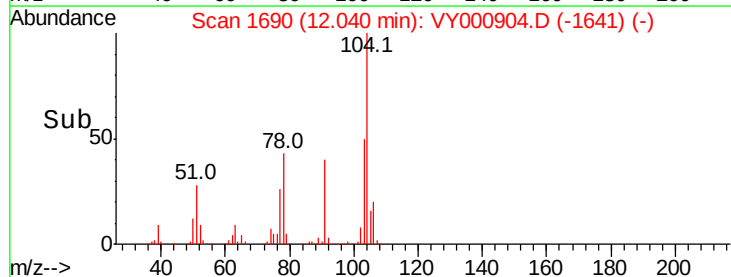
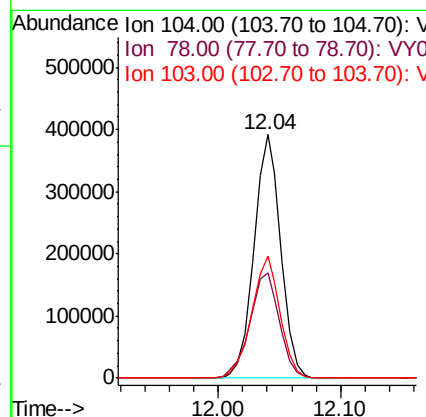
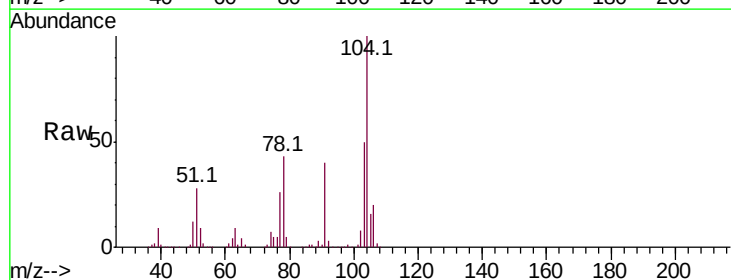
Instrument :
MSVOA_Y
ClientSampled :

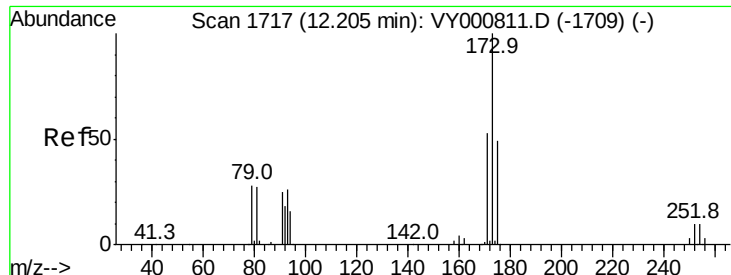
Tot Ion:106 Resp: 338676
Ion Ratio Lower Upper
106 100
91 212.8 106.1 318.1



#70
Styrene
Concen: 53.887 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion:104 Resp: 593667
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 53.2 43.4 65.0





#71

Bromoform

Concen: 54.918 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

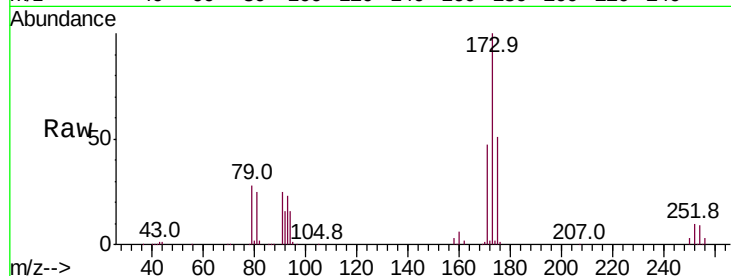
Tot Ion:173 Resp: 103040

Ion Ratio Lower Upper

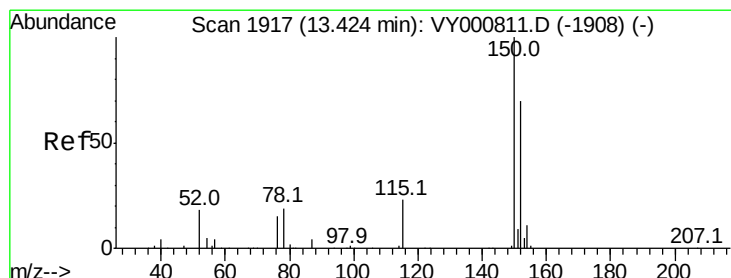
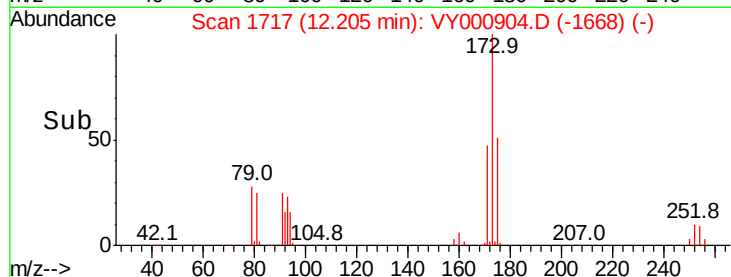
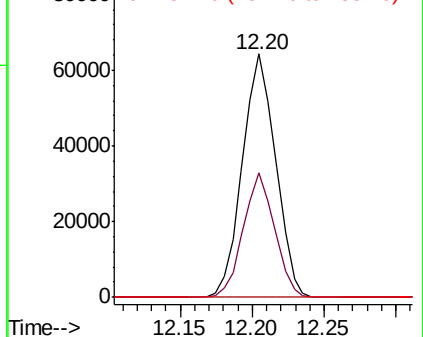
173 100

175 48.1 24.5 73.5

254 0.1 0.0 0.0#



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: VY000904.D

Acq: 06 Dec 2019 16:43

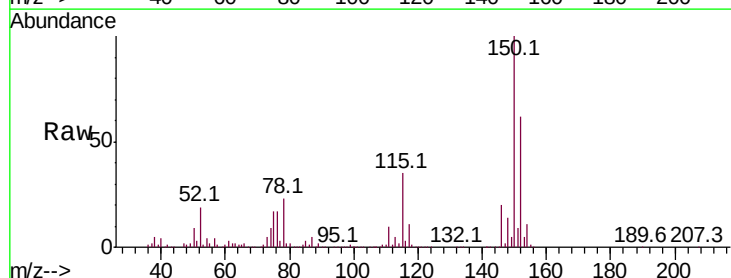
Tgt Ion:152 Resp: 222922

Ion Ratio Lower Upper

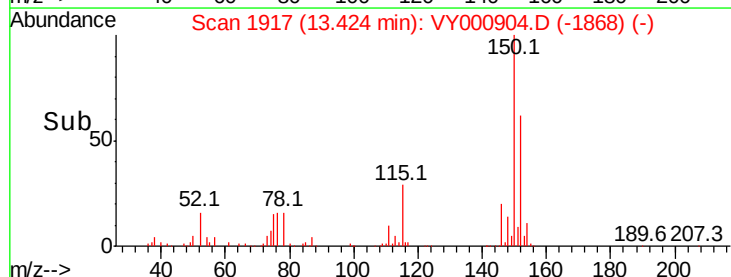
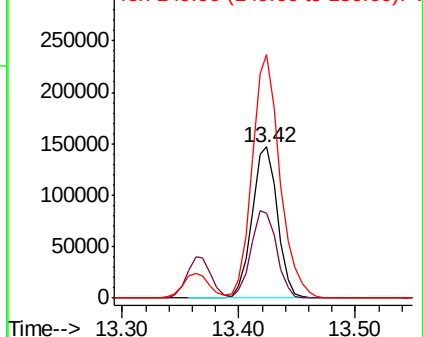
152 100

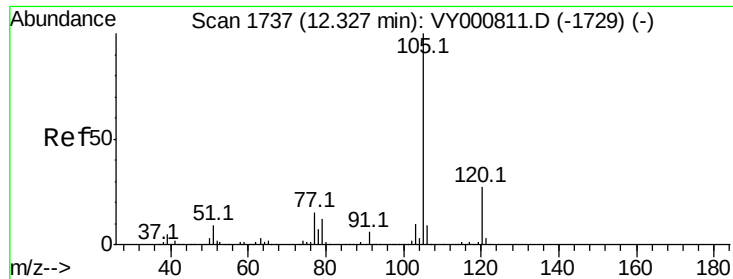
115 58.4 29.3 87.8

150 175.6 0.0 351.2



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





#73

Isopropylbenzene

Concen: 51.188 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

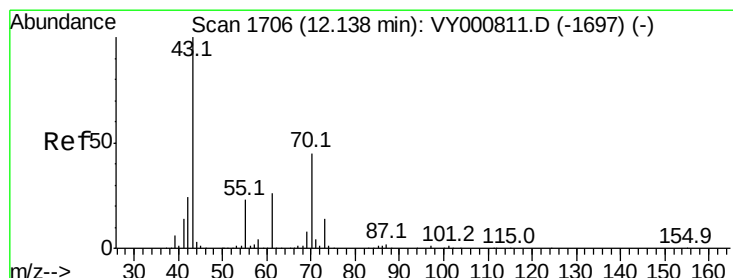
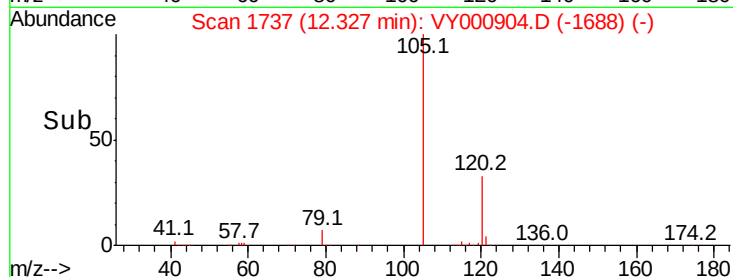
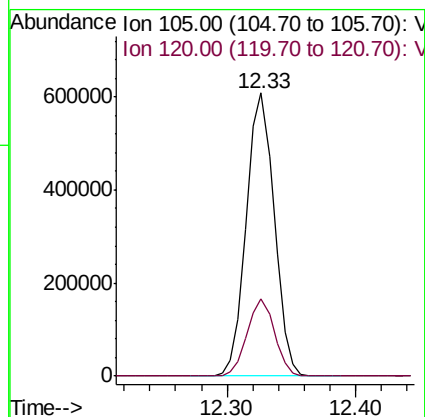
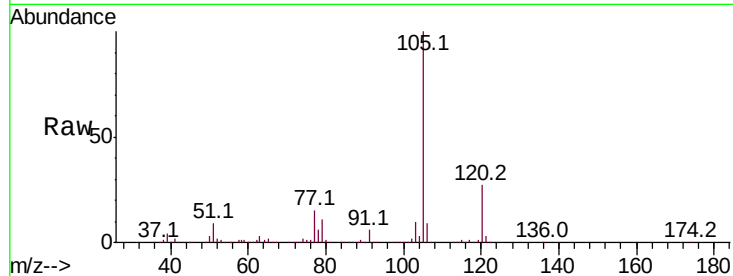
ClientSampleId :

Tot Ion:105 Resp: 908570

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 53.576 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Tgt Ion: 43 Resp: 264684

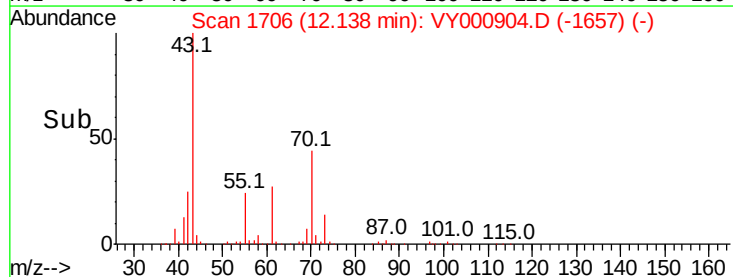
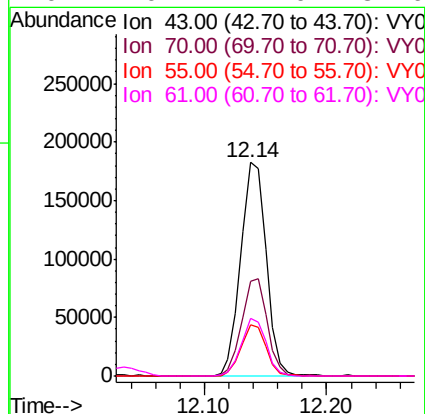
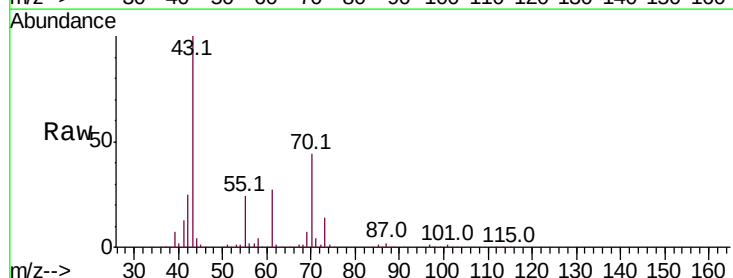
Ion Ratio Lower Upper

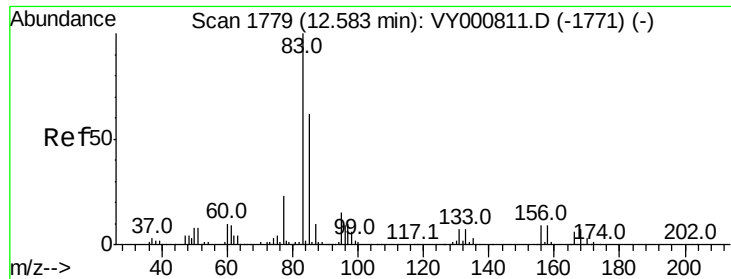
43 100

70 45.5 36.6 54.8

55 23.8 18.8 28.2

61 26.2 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.706 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampled :

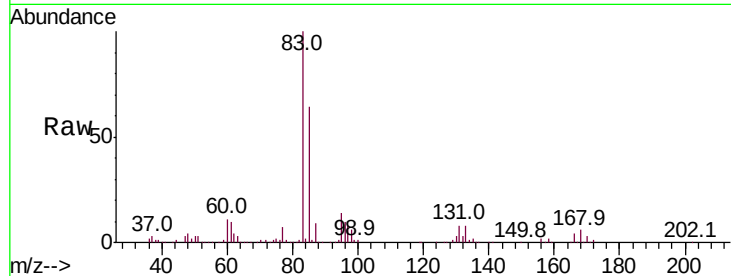
Tot Ion: 83 Resp: 184331

Ion Ratio Lower Upper

83 100

131 9.2 4.3 13.1

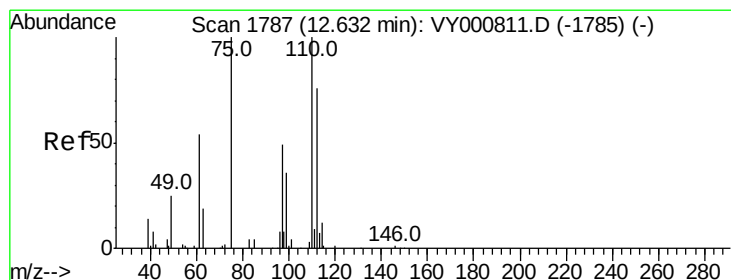
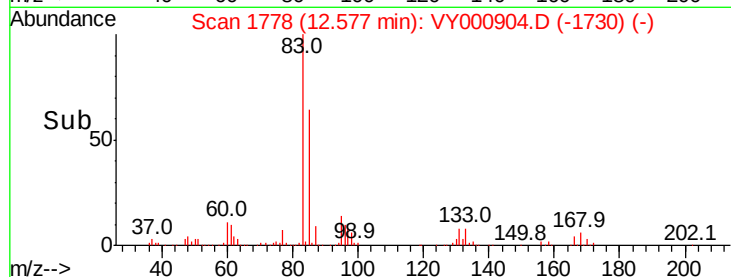
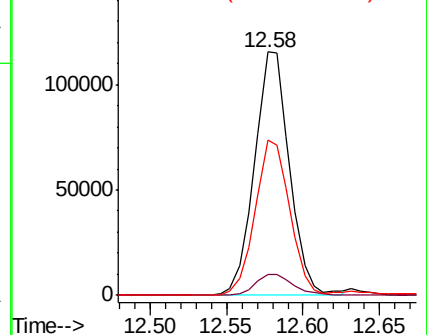
85 63.4 32.4 97.0



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: 102.191 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000904.D

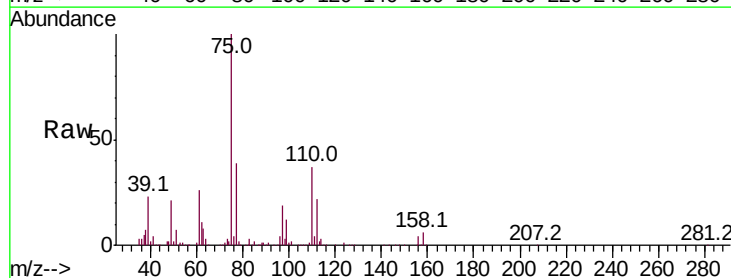
Acq: 06 Dec 2019 16:43

Tgt Ion: 75 Resp: 258103

Ion Ratio Lower Upper

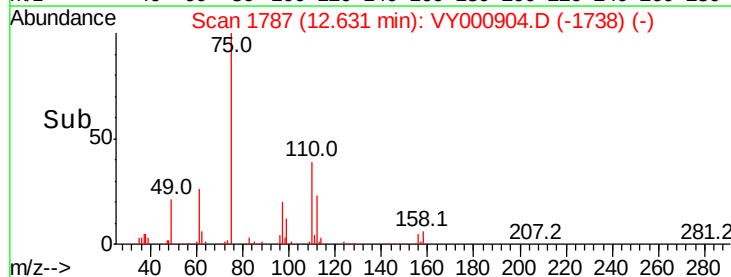
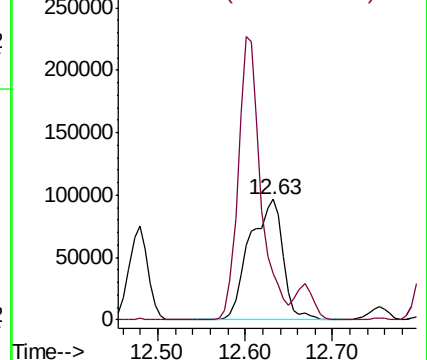
75 100

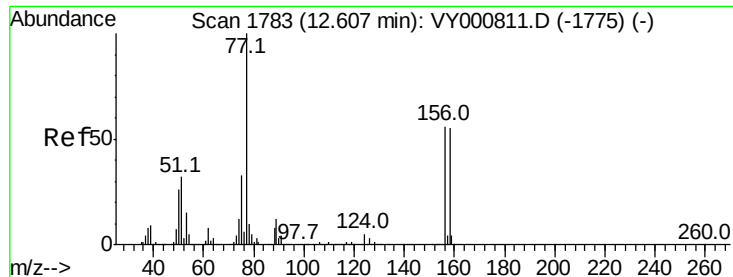
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.761 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampled :

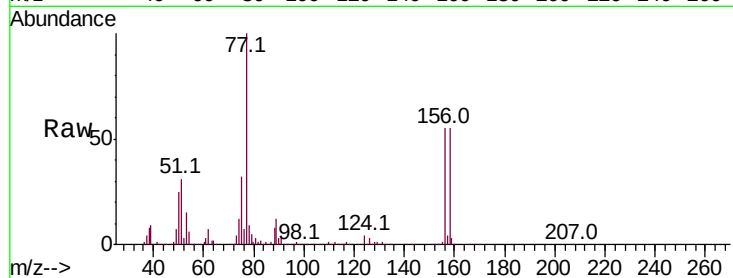
Tot Ion:156 Resp: 199150

Ion Ratio Lower Upper

156 100

77 207.6 102.6 307.7

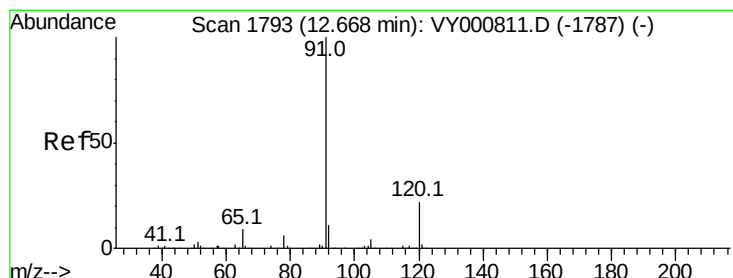
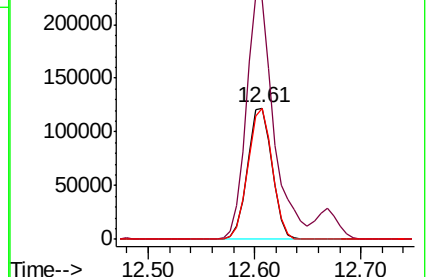
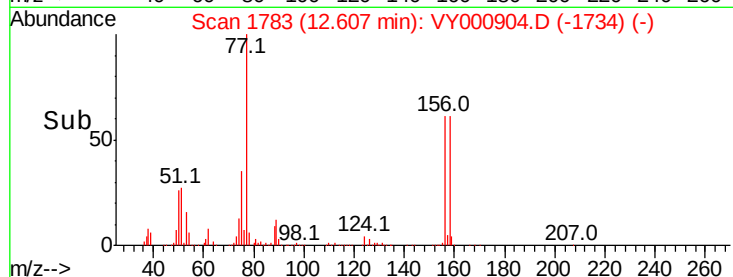
158 98.3 47.6 142.8



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: 51.482 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000904.D

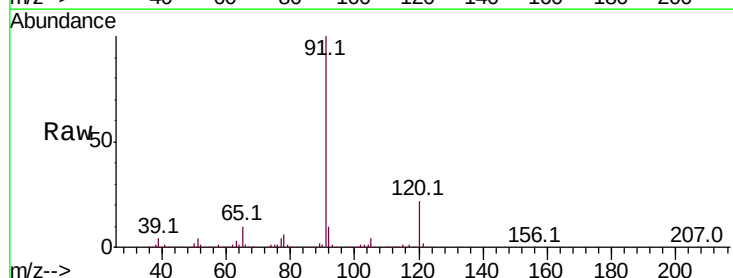
Acq: 06 Dec 2019 16:43

Tgt Ion: 91 Resp: 1115751

Ion Ratio Lower Upper

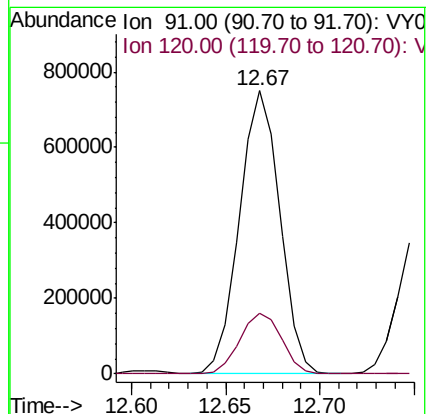
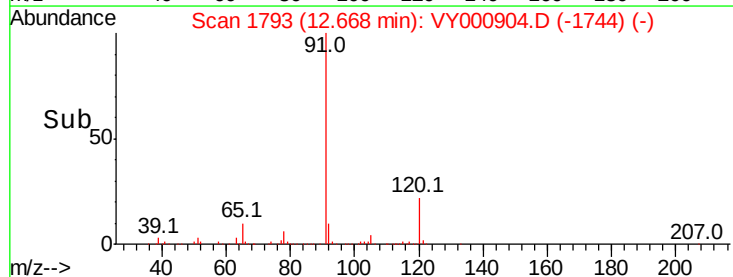
91 100

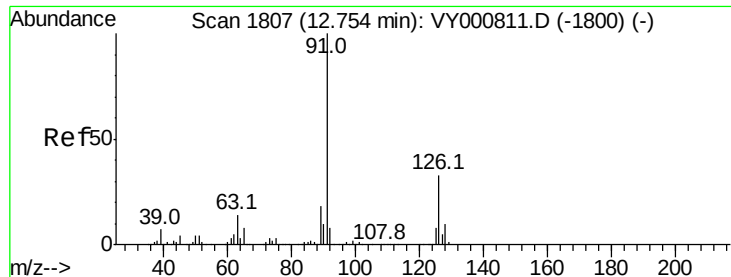
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

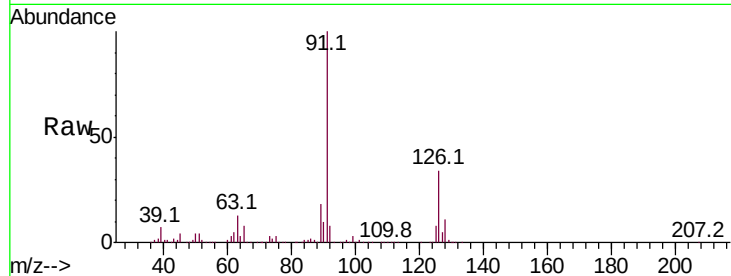




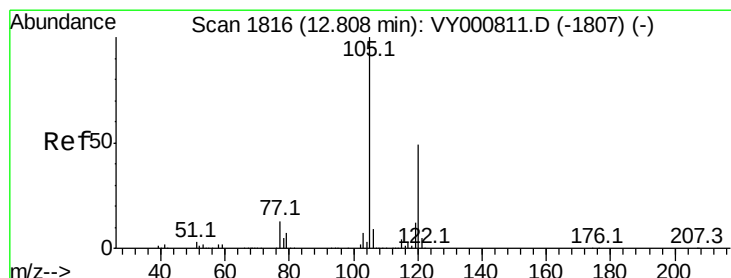
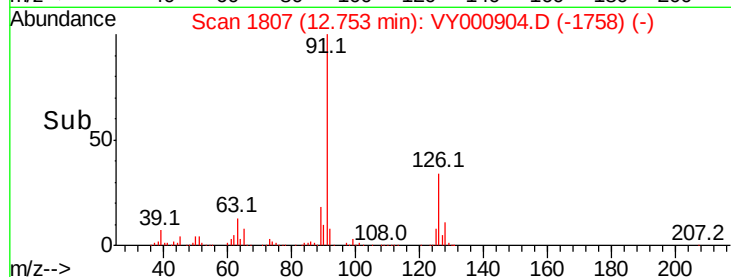
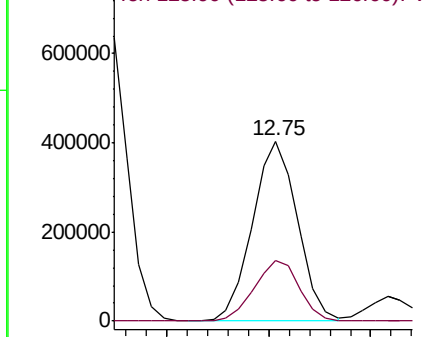
#79
2-Chlorotoluene
Concen: 51.682 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 618790
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0

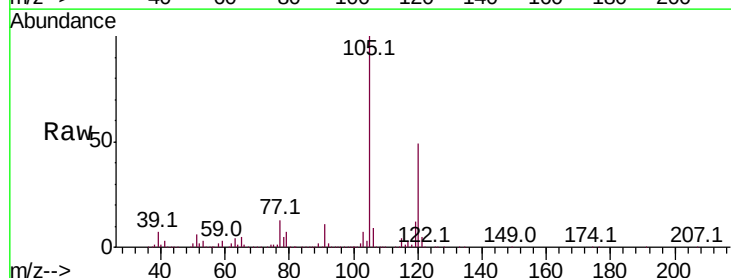


Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)
Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

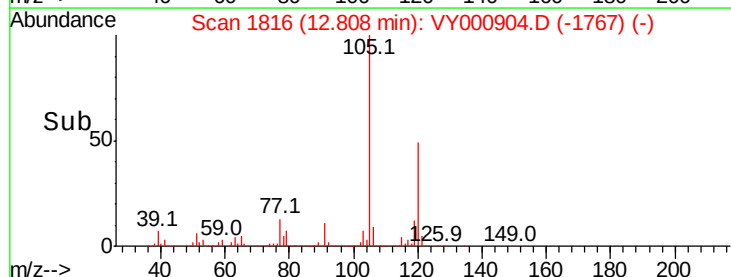
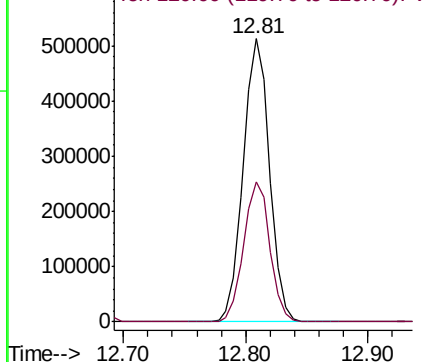


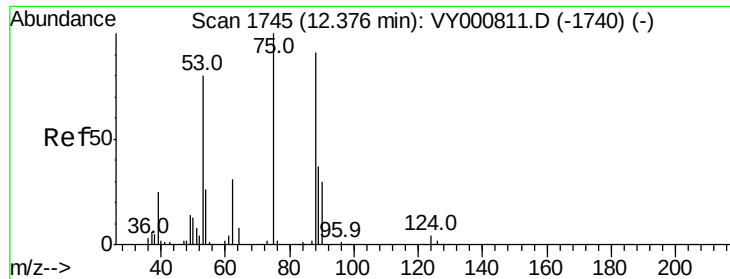
#80
1,3,5-Trimethylbenzene
Concen: 51.937 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion: 105 Resp: 763280
Ion Ratio Lower Upper
105 100
120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)
Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.409 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampleId :

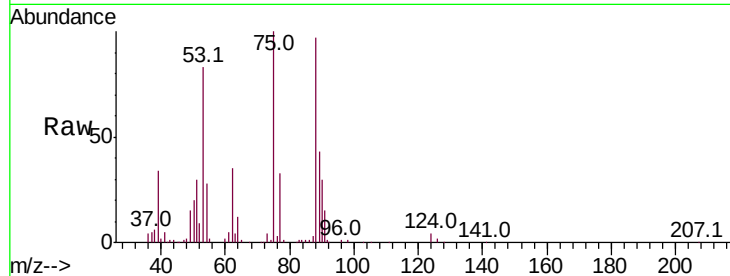
Tot Ion: 75 Resp: 68674

Ion Ratio Lower Upper

75 100

53 82.5 64.6 96.8

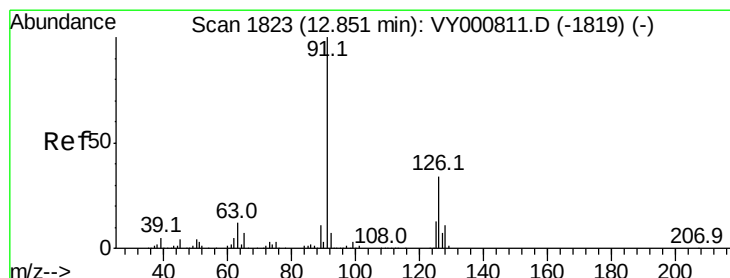
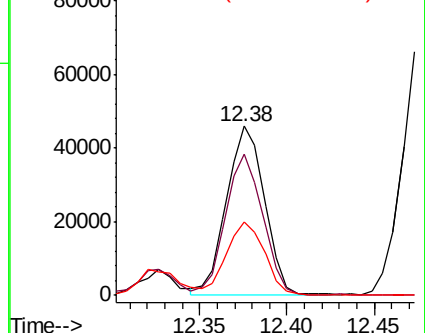
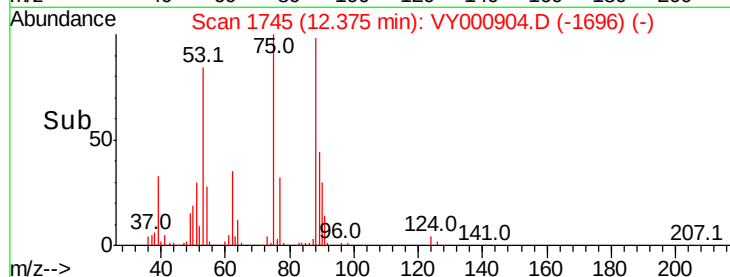
89 43.7 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.419 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000904.D

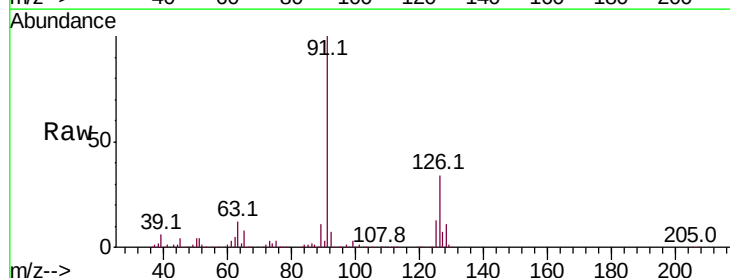
Acq: 06 Dec 2019 16:43

Tgt Ion: 91 Resp: 658936

Ion Ratio Lower Upper

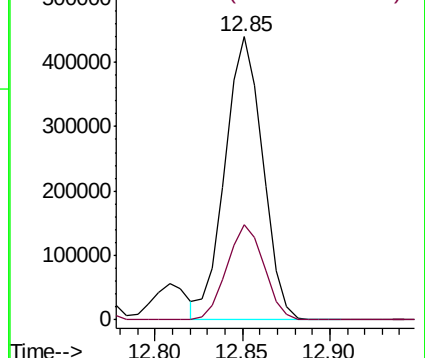
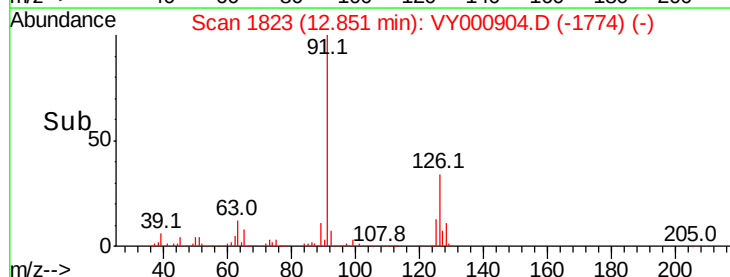
91 100

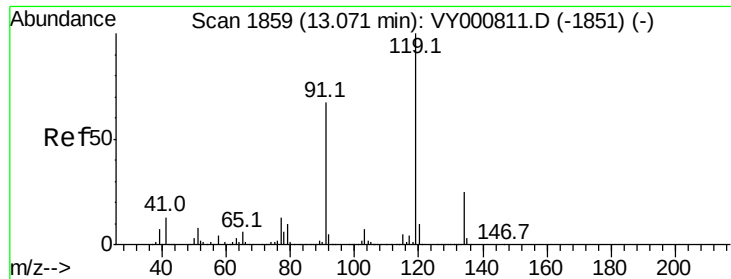
126 33.2 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.076 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

ClientSampled :

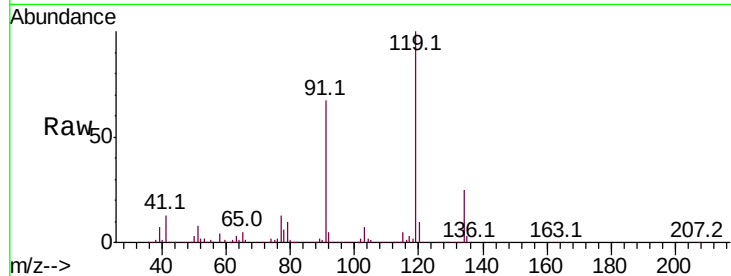
Tot Ion:119 Resp: 643438

Ion Ratio Lower Upper

119 100

91 64.4 32.3 96.8

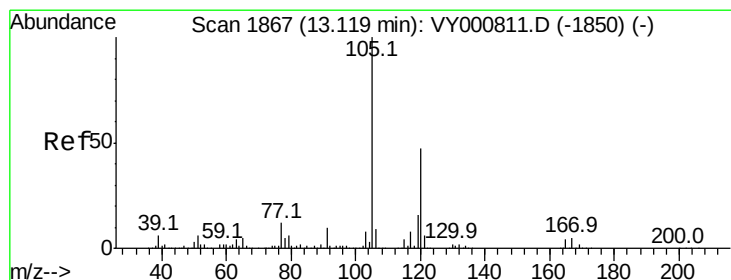
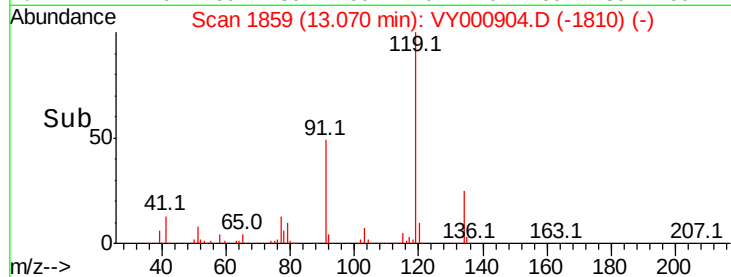
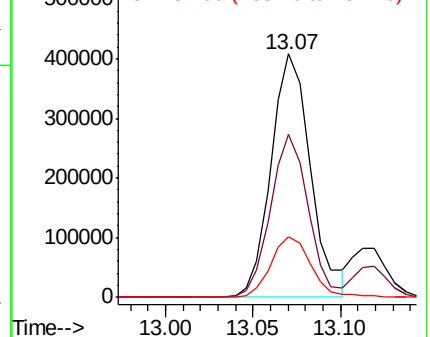
134 25.7 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.737 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000904.D

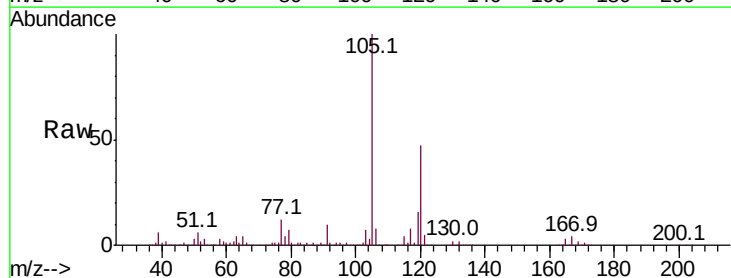
Acq: 06 Dec 2019 16:43

Tgt Ion:105 Resp: 760699

Ion Ratio Lower Upper

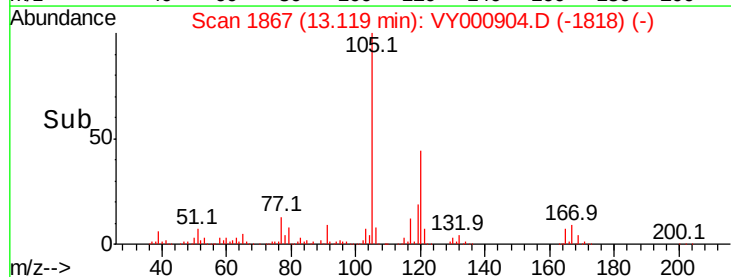
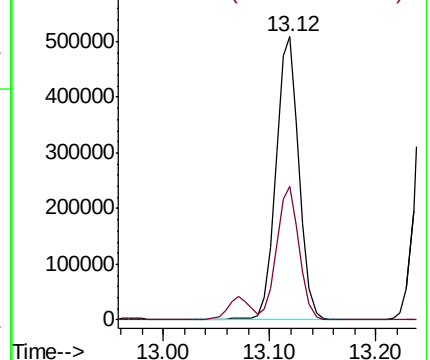
105 100

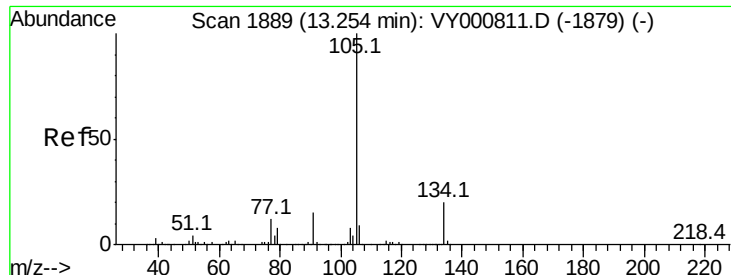
120 46.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.832 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

Instrument :

MSVOA_Y

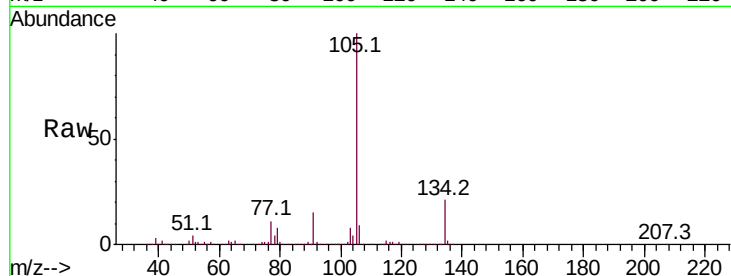
ClientSampleId :

Tot Ion:105 Resp: 931405

Ion Ratio Lower Upper

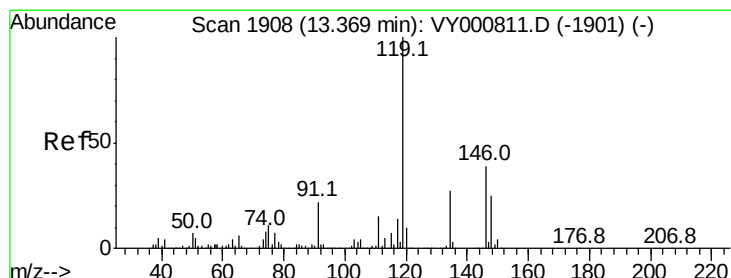
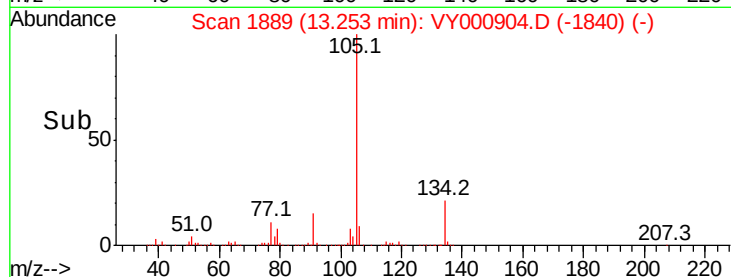
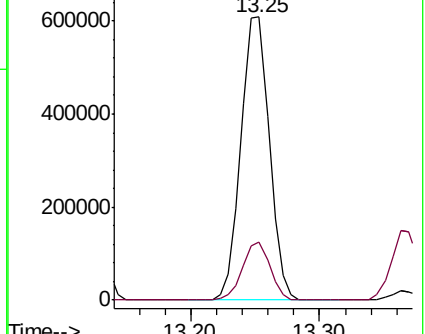
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.156 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000904.D

Acq: 06 Dec 2019 16:43

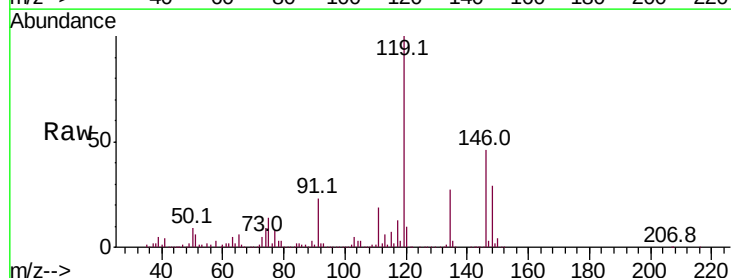
Tgt Ion:119 Resp: 815171

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

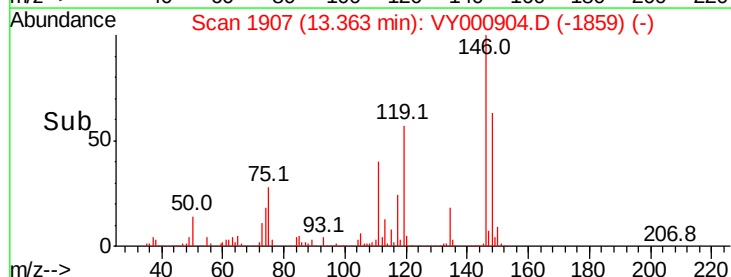
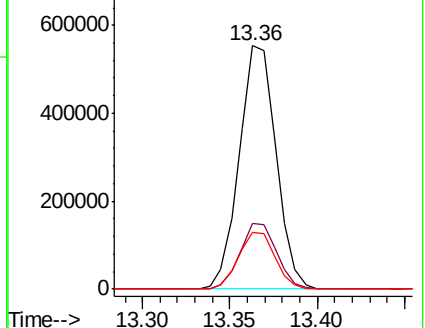
91 23.2 11.5 34.5

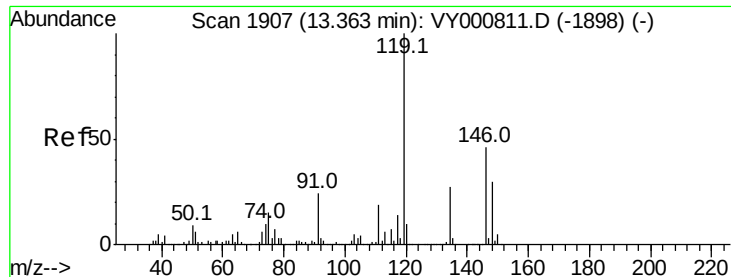


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

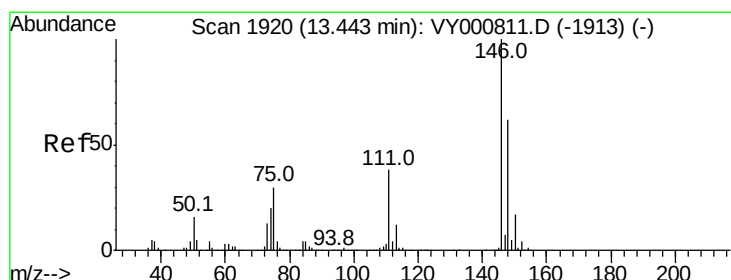
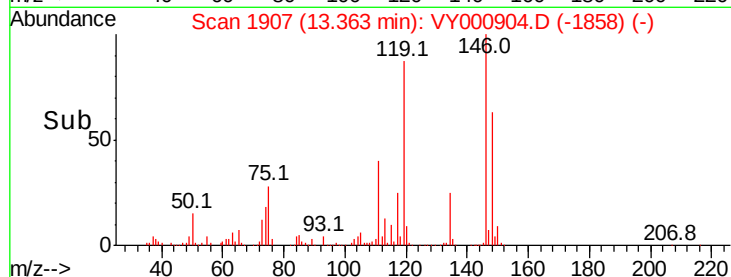
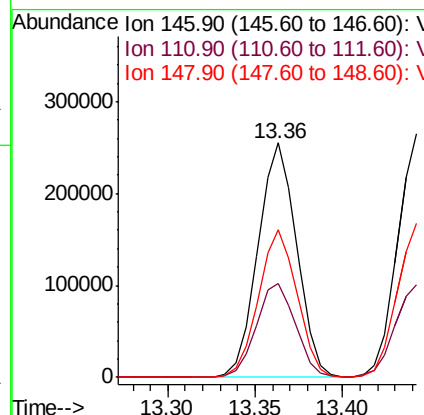
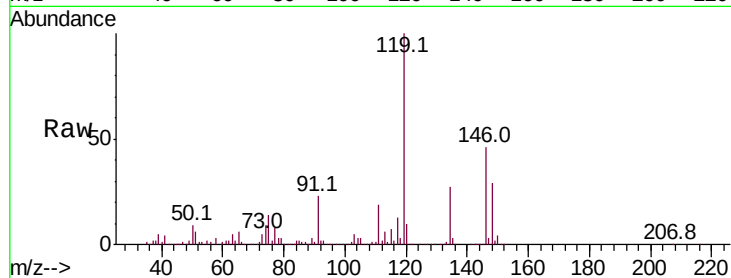




#87
 1,3-Dichlorobenzene
 Concen: 51.905 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

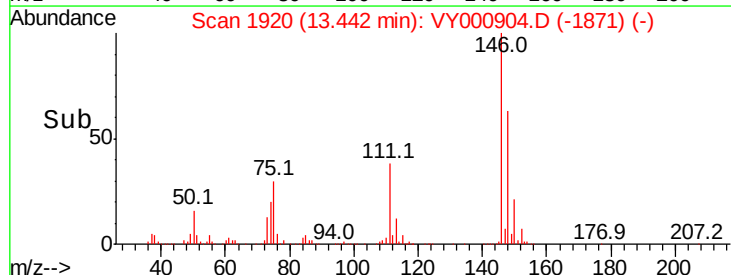
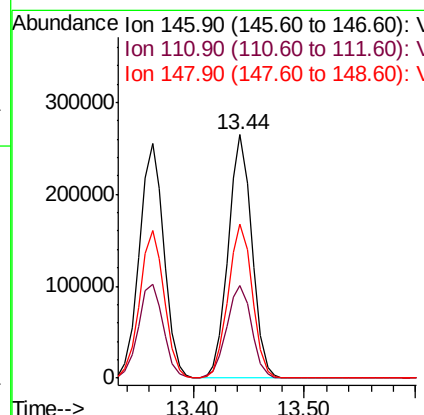
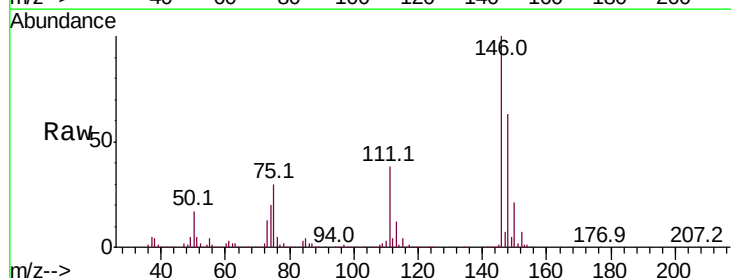
Instrument :
 MSVOA_Y
 ClientSampleId :

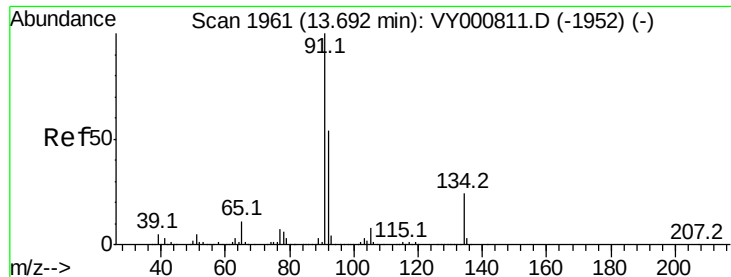
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	62.6	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.157 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.5	31.7	95.1

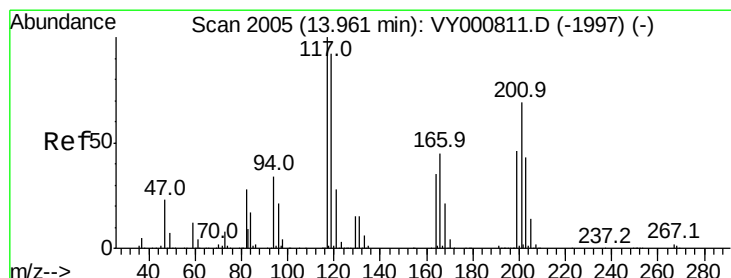
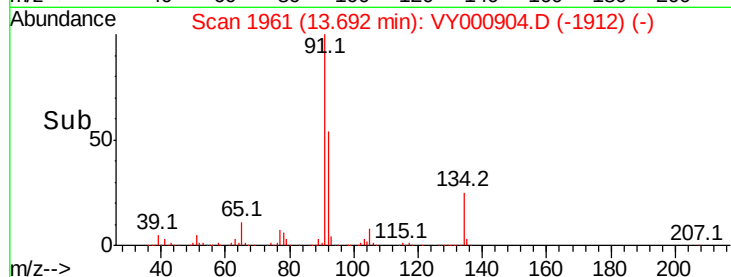
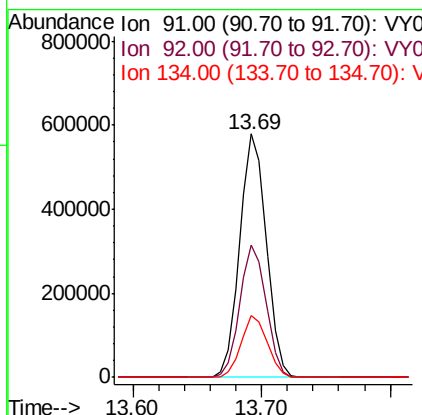
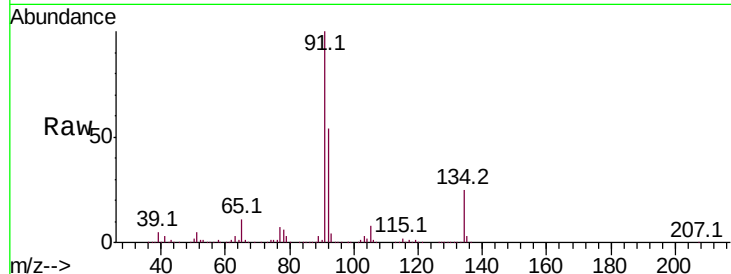




#89
n-Butylbenzene
Concen: 52.140 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

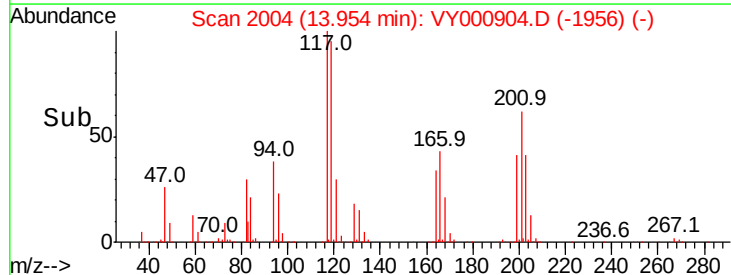
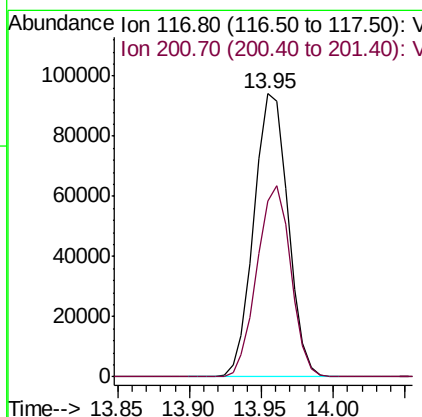
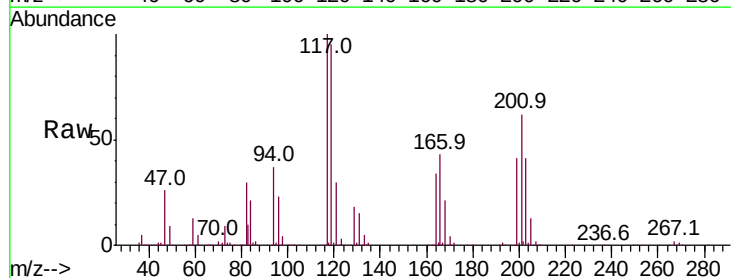
Instrument :
MSVOA_Y
ClientSampleId :

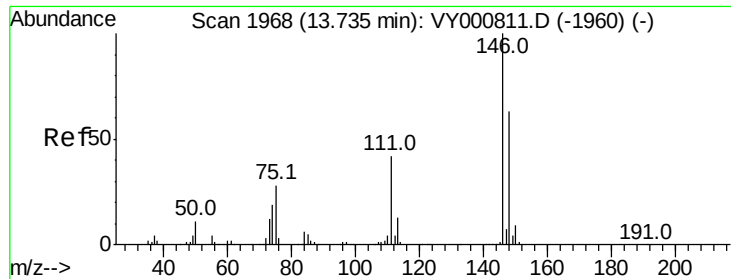
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	25.0	12.6	37.6



#90
Hexachloroethane
Concen: 53.535 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	34.0	102.0

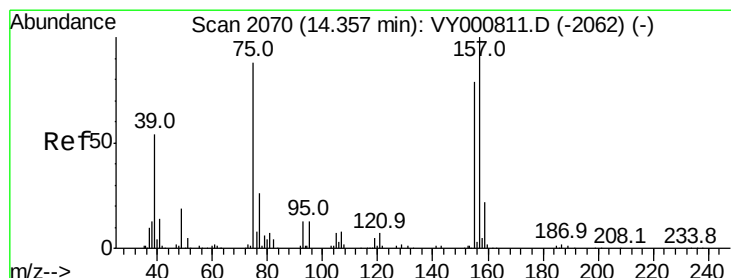
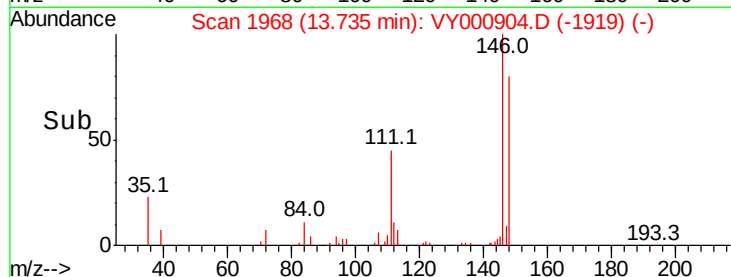
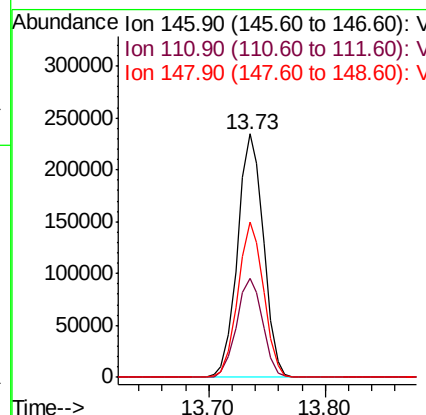
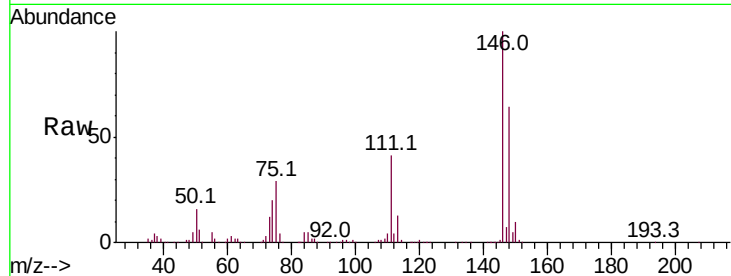




#91
 1,2-Dichlorobenzene
 Concen: 53.539 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

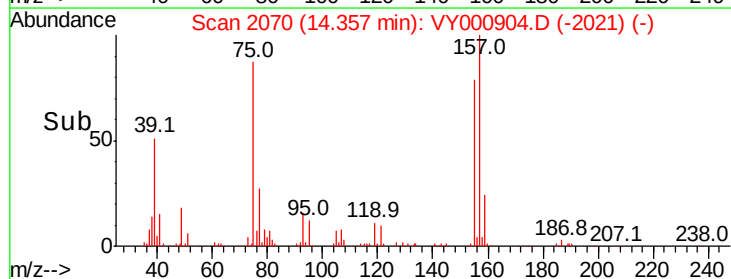
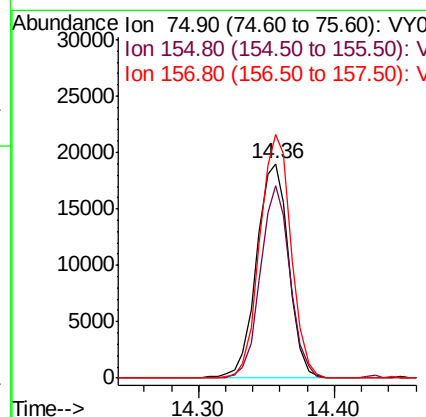
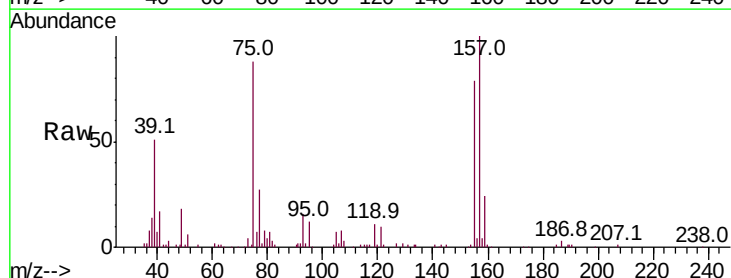
Instrument :
 MSVOA_Y
 ClientSampleId :

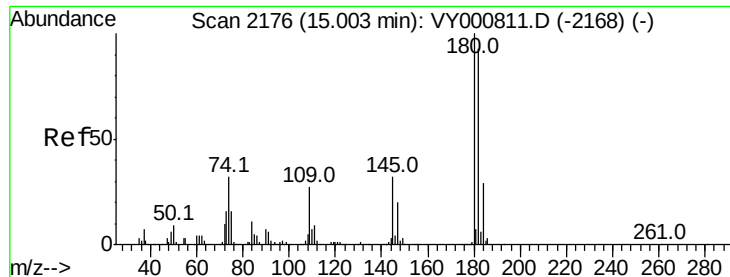
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.7
148	63.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.663 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	44.3	132.9
157	110.6	56.3	168.9

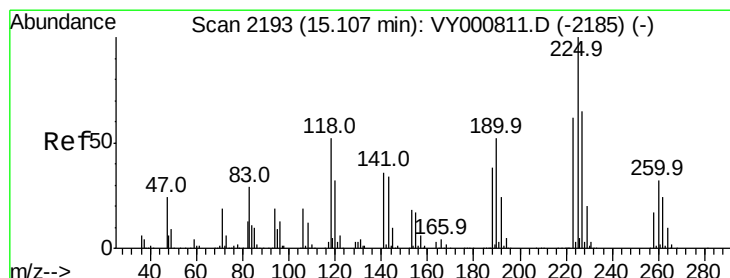
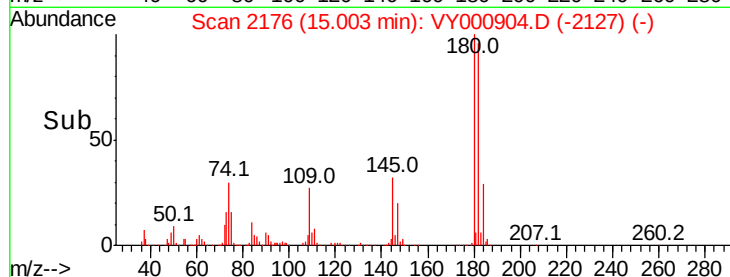
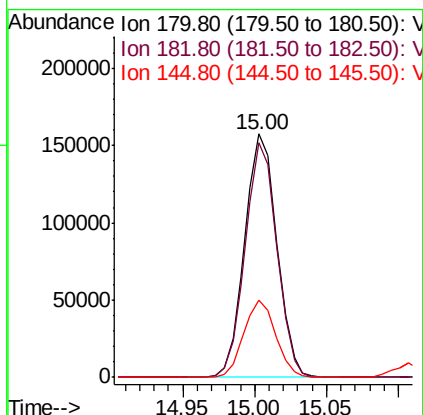
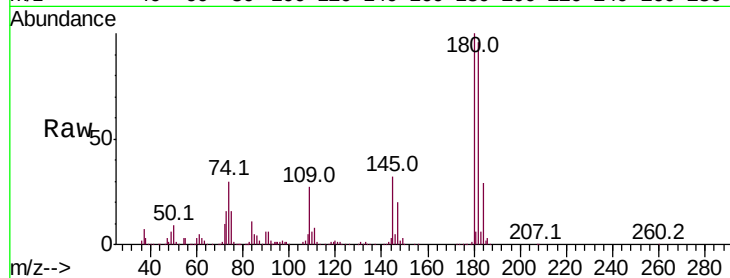




#93
 1,2,4-Trichlorobenzene
 Concen: 52.904 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

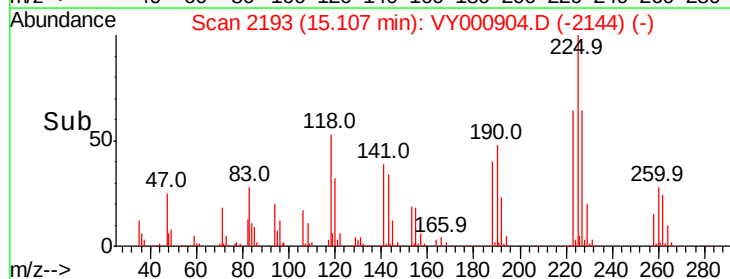
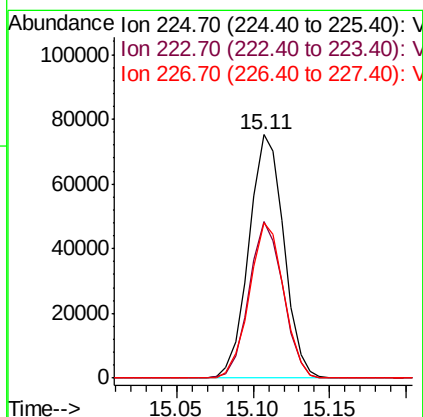
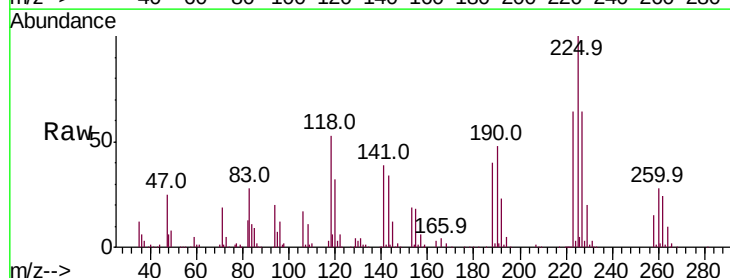
Instrument :
 MSVOA_Y
 ClientSampled :

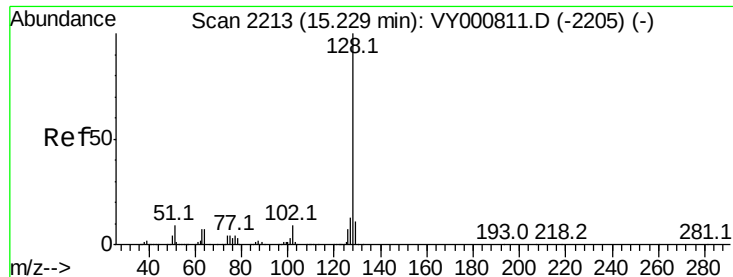
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.9
145	31.4	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 52.538 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000904.D
 Acq: 06 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.3
227	62.6	31.8	95.3

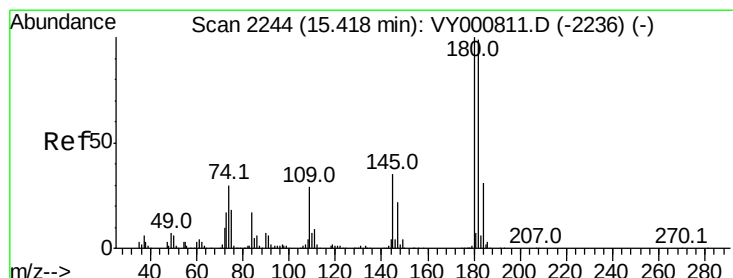
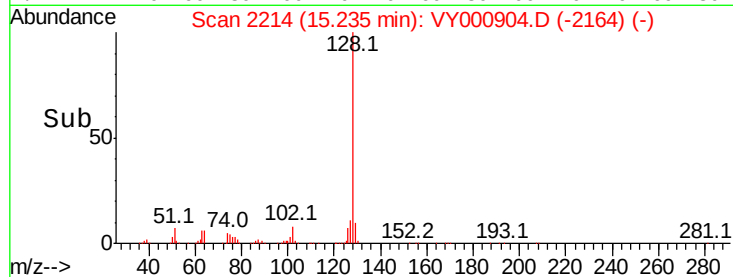
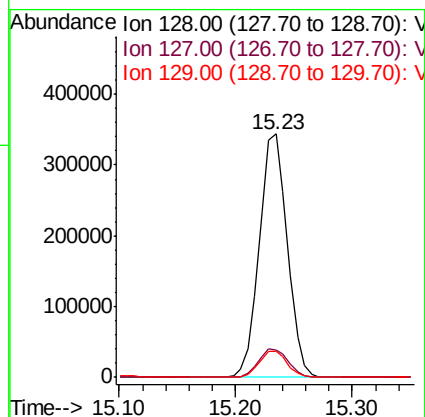
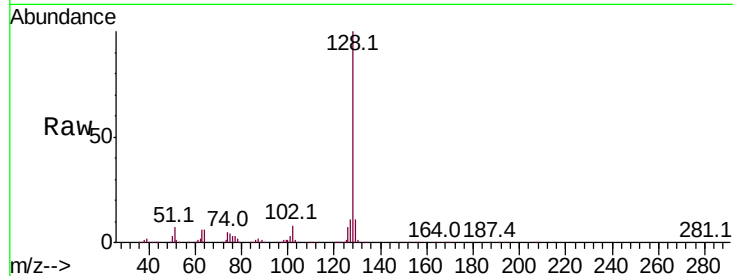




#95
Naphthalene
Concen: 53.785 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 573729
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.384 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000904.D
Acq: 06 Dec 2019 16:43

Tgt Ion:180 Resp: 219059
Ion Ratio Lower Upper
180 100
182 93.7 48.0 144.0
145 33.5 16.9 50.6

