

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000023.D
 Acq On : 12 Sep 2019 13:16
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00µl/5.00ml
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 15:40:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	147205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	273247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	232221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	229530	144.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.50%	
35) Dibromofluoromethane	7.72	113	222589	141.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.98%	
50) Toluene-d8	10.18	98	939159	148.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.60%	
62) 4-Bromofluorobenzene	12.48	95	318230	138.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	141335	130.197	ug/l	97
3) Chloromethane	2.11	50	181018	102.514	ug/l	99
4) Vinyl Chloride	2.25	62	228099	138.567	ug/l	99
5) Bromomethane	2.61	94	108174	103.388	ug/l	100
6) Chloroethane	2.76	64	151680	138.409	ug/l	98
7) Trichlorofluoromethane	3.11	101	292499	136.748	ug/l	95
8) Diethyl Ether	3.53	74	125145	142.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	205173	140.955	ug/l	100
10) Methyl Iodide	4.08	142	249685	156.865	ug/l	99
11) Tert butyl alcohol	4.98	59	125032	620.203	ug/l	99
12) 1,1-Dichloroethene	3.86	96	187791	138.431	ug/l	86
13) Acrolein	3.73	56	90475	598.221	ug/l	97
14) Allyl chloride	4.47	41	296323	140.685	ug/l	99
15) Acrylonitrile	5.17	53	395006	708.238	ug/l	99
16) Acetone	3.95	43	293168	666.810	ug/l	94
17) Carbon Disulfide	4.18	76	361715	132.407	ug/l	99
18) Methyl Acetate	4.48	43	171945	138.978	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	591514	143.961	ug/l	98
20) Methylene Chloride	4.71	84	220658	125.890	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	207233	137.963	ug/l	97
22) Diisopropyl ether	6.12	45	679133	146.057	ug/l	97
23) Vinyl Acetate	6.06	43	2355223	732.201	ug/l	97
24) 1,1-Dichloroethane	6.02	63	392976	142.620	ug/l	99
25) 2-Butanone	6.99	43	483113	676.015	ug/l	100
26) 2,2-Dichloropropane	6.98	77	341758	133.514	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	266975	140.874	ug/l	98
28) Bromochloromethane	7.34	49	194795	153.936	ug/l #	99
29) Tetrahydrofuran	7.35	42	295990	696.245	ug/l	98
30) Chloroform	7.51	83	394657	138.893	ug/l	100
31) Cyclohexane	7.78	56	288667	125.702	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	333971	143.281	ug/l	99
36) 1,1-Dichloropropene	7.92	75	278159	138.648	ug/l	99
37) Ethyl Acetate	7.08	43	190826	141.053	ug/l	99
38) Carbon Tetrachloride	7.90	117	274095	144.739	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	339239	136.863	ug/l	95
40) Benzene	8.16	78	926740	141.884	ug/l	98
41) Methacrylonitrile	7.34	41	269344	153.299	ug/l #	42
42) 1,2-Dichloroethane	8.24	62	245942	147.340	ug/l	99
43) Isopropyl Acetate	8.27	43	377613	144.038	ug/l	99
44) Trichloroethene	8.93	130	231513	141.956	ug/l	94
45) 1,2-Dichloropropane	9.21	63	240044	142.525	ug/l	95
46) Dibromomethane	9.31	93	131184	140.347	ug/l	98
47) Bromodichloromethane	9.50	83	325800	146.014	ug/l	99
48) Methyl methacrylate	9.29	41	168569	145.714	ug/l	98
49) 1,4-Dioxane	9.30	88	50189	2563.921	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1032553	702.898	ug/l	99
52) Toluene	10.24	92	592172	144.280	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	346934	147.883	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	391205	143.307	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	210721	142.260	ug/l	99
56) Ethyl methacrylate	10.51	69	299879	144.256	ug/l	100
57) 1,3-Dichloropropane	10.79	76	339792	143.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	830535	729.366	ug/l	98
59) 2-Hexanone	10.84	43	735055	694.365	ug/l	97
60) Dibromochloromethane	10.98	129	223352	143.105	ug/l	97
61) 1,2-Dibromoethane	11.09	107	188682	144.220	ug/l	98
64) Tetrachloroethene	10.71	164	197387	138.610	ug/l	96
65) Chlorobenzene	11.51	112	647459	146.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	221051	144.175	ug/l	98
67) Ethyl Benzene	11.59	91	1154869	143.663	ug/l	99
68) m/p-Xylenes	11.70	106	887012	292.407	ug/l	100
69) o-Xylene	12.02	106	425256	143.036	ug/l	100
70) Styrene	12.04	104	767052	148.312	ug/l	100
71) Bromoform	12.21	173	136380	147.318	ug/l #	96
73) Isopropylbenzene	12.32	105	1149252	143.817	ug/l	100
74) N-amyl acetate	12.14	43	347164	147.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	266963	139.727	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	348267	150.136	ug/l #	100
77) Bromobenzene	12.60	156	239387	141.615	ug/l	96
78) n-propylbenzene	12.66	91	1396255	142.975	ug/l	99
79) 2-Chlorotoluene	12.75	91	769472	140.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	945804	141.751	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	102598	140.096	ug/l	98
82) 4-Chlorotoluene	12.85	91	805013	140.460	ug/l	100
83) tert-Butylbenzene	13.07	119	812034	141.641	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	936979	142.161	ug/l	100
85) sec-Butylbenzene	13.25	105	1183981	139.937	ug/l	100
86) p-Isopropyltoluene	13.37	119	1001333	139.513	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	473696	139.237	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	481521	140.648	ug/l	99
89) n-Butylbenzene	13.69	91	1040867	143.110	ug/l	99
90) Hexachloroethane	13.95	117	198531	138.416	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	448907	141.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	47247	127.177	ug/l	95

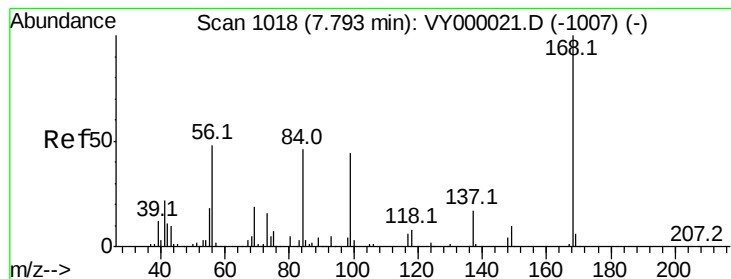
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	284703	140.922	ug/l	100
94) Hexachlorobutadiene	15.10	225	133139	143.682	ug/l	99
95) Naphthalene	15.23	128	794360	143.723	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	261810	144.360	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

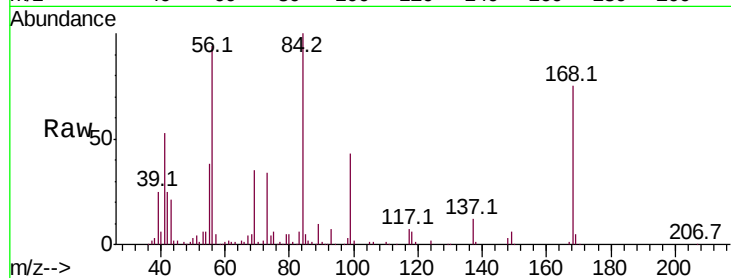
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 147205

Ion Ratio Lower Upper

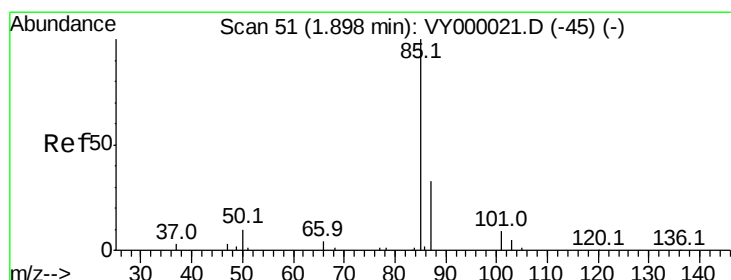
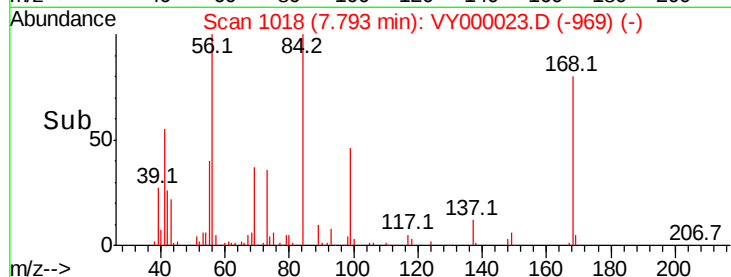
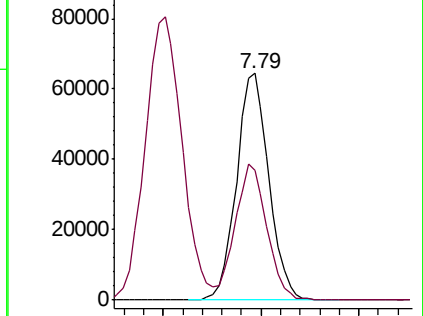
168 100

99 56.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 130.197 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000023.D

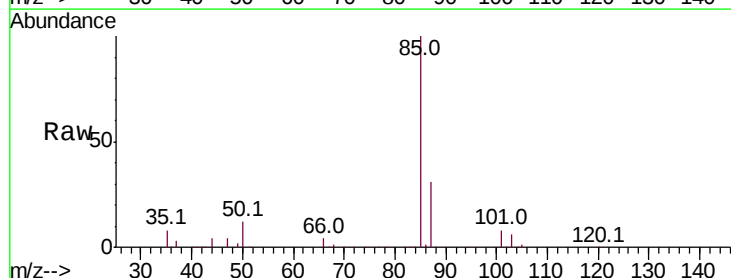
Acq: 12 Sep 2019 13:16

Tgt Ion: 85 Resp: 141335

Ion Ratio Lower Upper

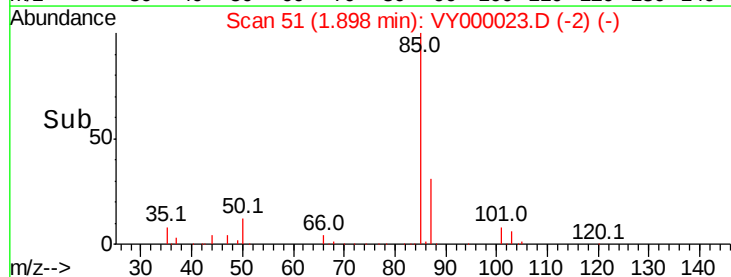
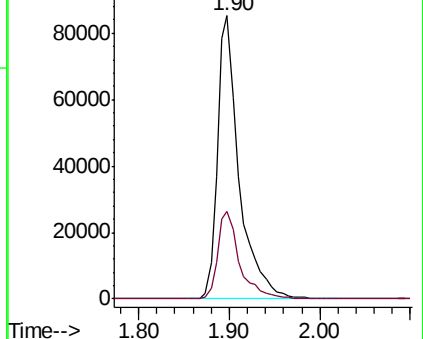
85 100

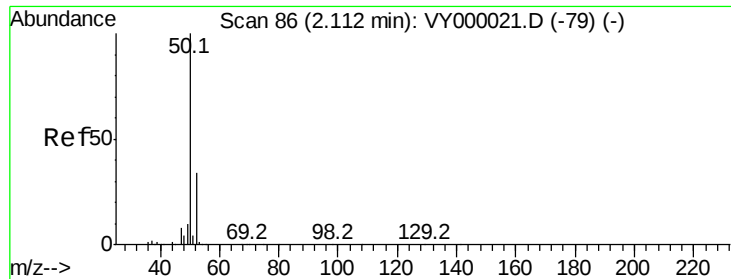
87 31.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 102.514 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

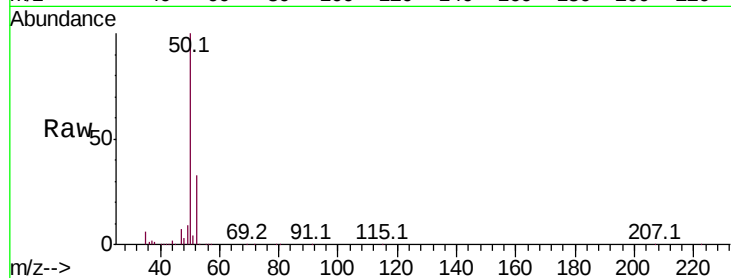
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 181018

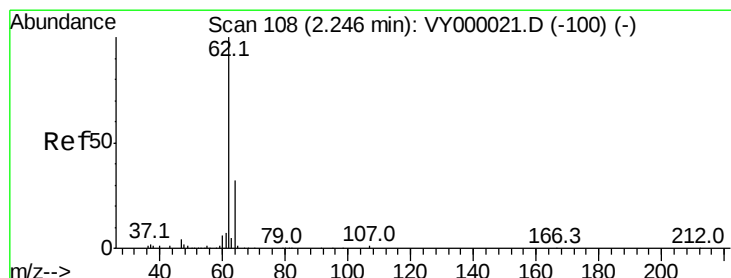
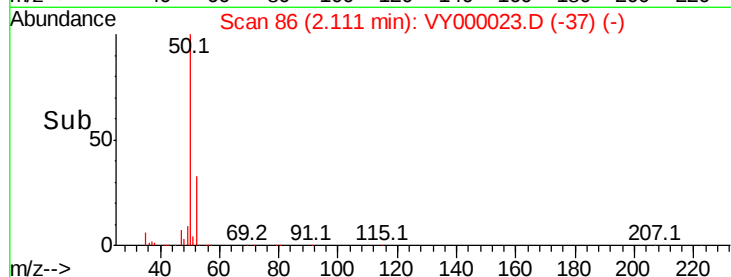
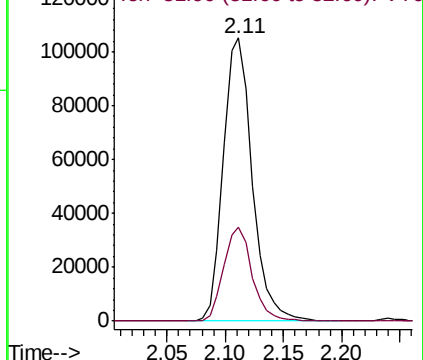
Ion Ratio Lower Upper

50 100

52 33.3 27.0 40.6



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



#4

Vinyl Chloride

Concen: 138.567 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000023.D

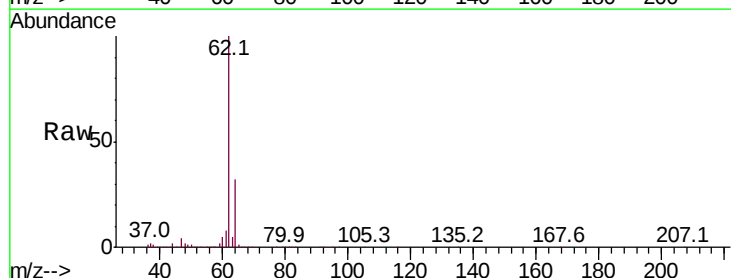
Acq: 12 Sep 2019 13:16

Tgt Ion: 62 Resp: 228099

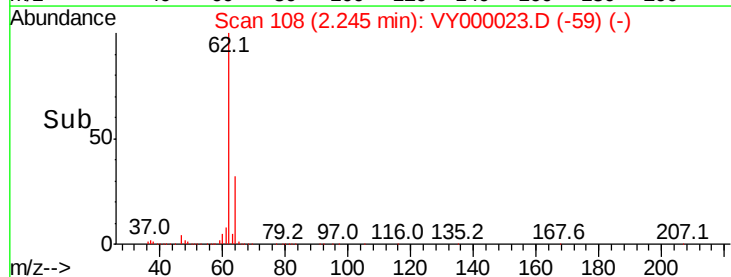
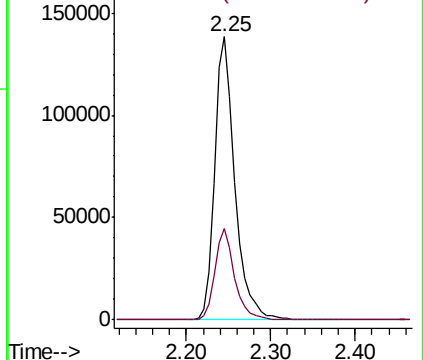
Ion Ratio Lower Upper

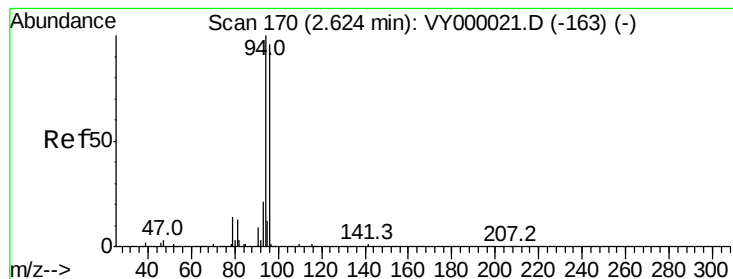
62 100

64 32.2 26.1 39.1



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





#5

Bromomethane

Concen: 103.388 ug/l

RT: 2.61 min Scan# 168

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

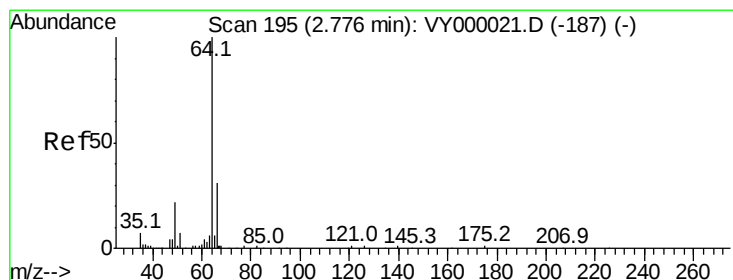
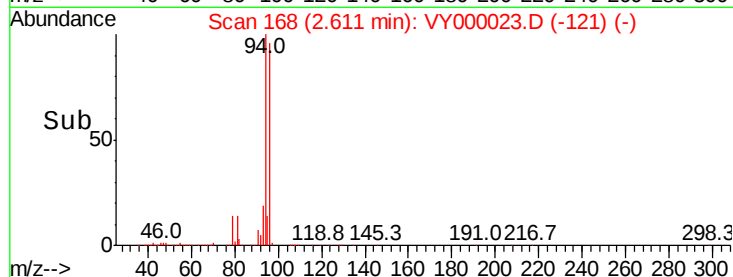
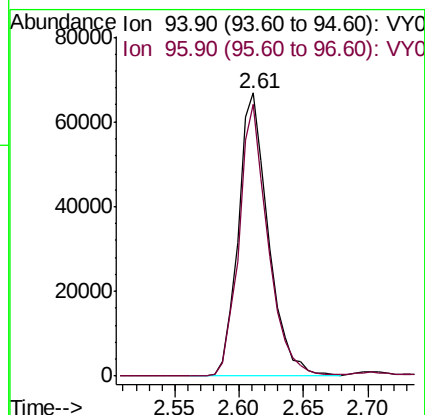
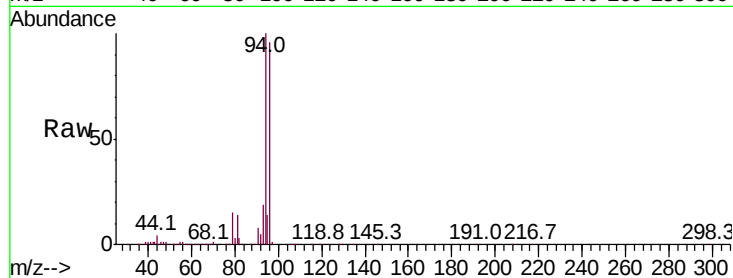
ClientSampleId :

Tot Ion: 94 Resp: 108174

Ion Ratio Lower Upper

94 100

96 96.0 76.8 115.2



#6

Chloroethane

Concen: 138.409 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VY000023.D

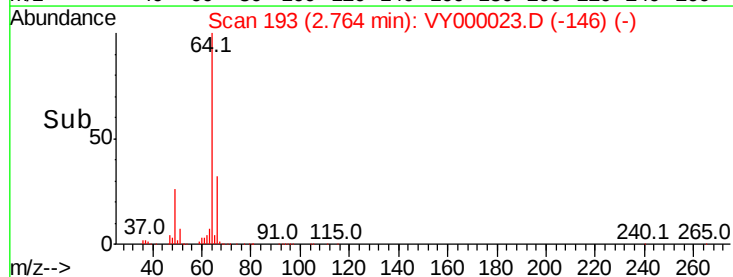
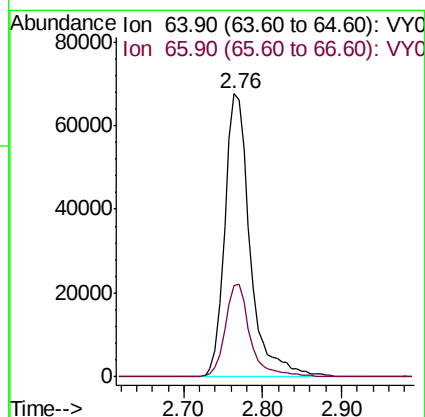
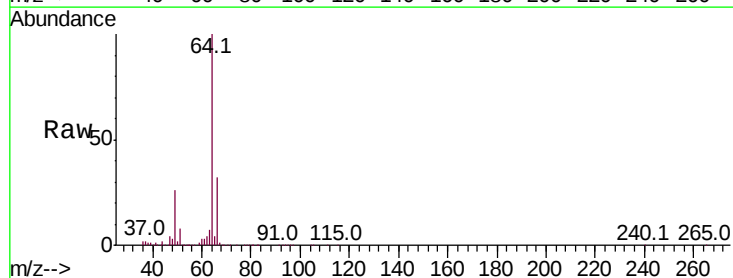
Acq: 12 Sep 2019 13:16

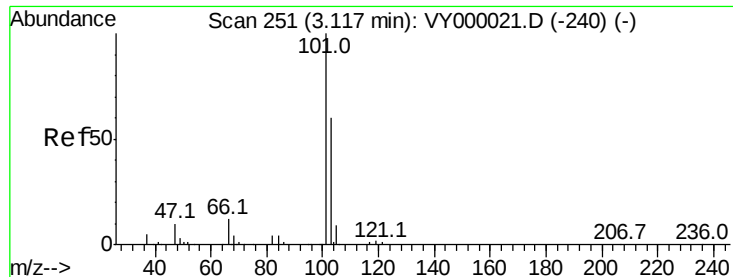
Tgt Ion: 64 Resp: 151680

Ion Ratio Lower Upper

64 100

66 32.3 25.0 37.6



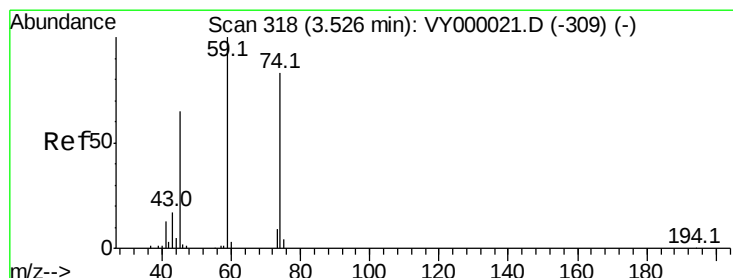
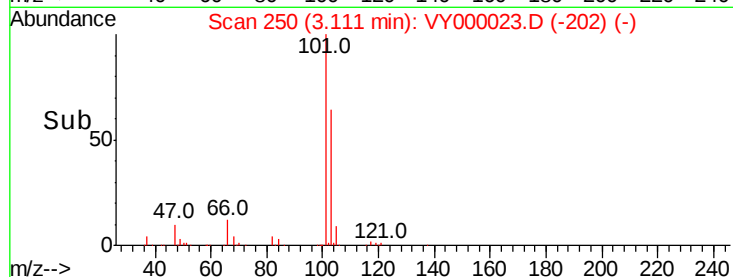
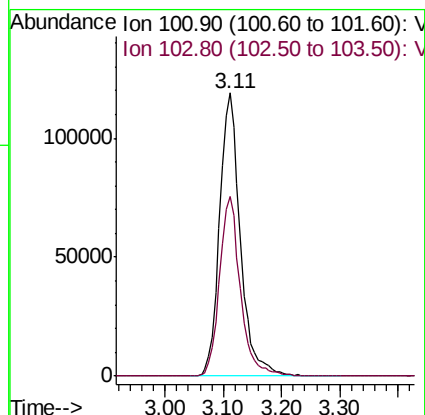
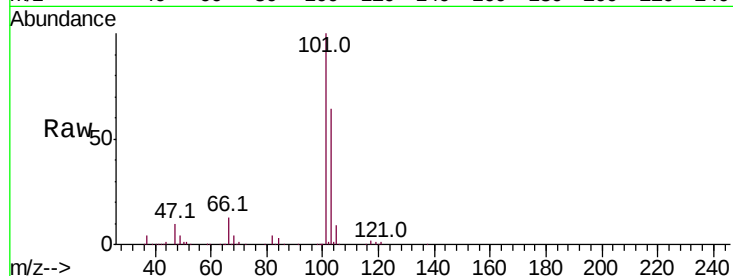


#7

Trichlorofluoromethane
Concen: 136.748 ug/l
RT: 3.11 min Scan# 250
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampled :

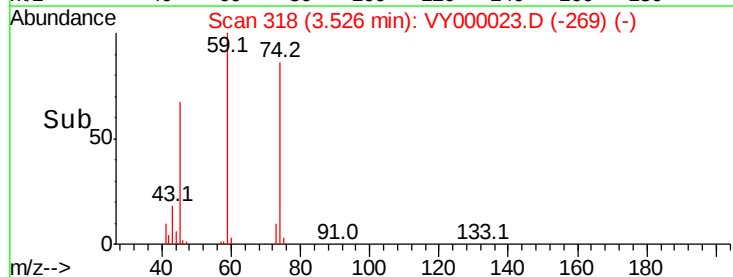
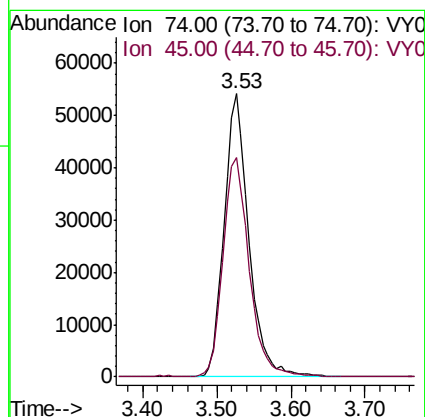
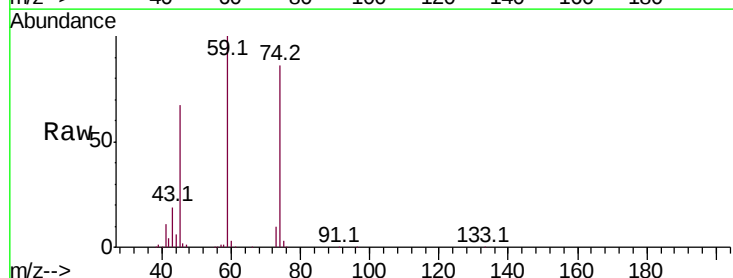
Tot Ion:101 Resp: 292499
Ion Ratio Lower Upper
101 100
103 63.7 48.1 72.1

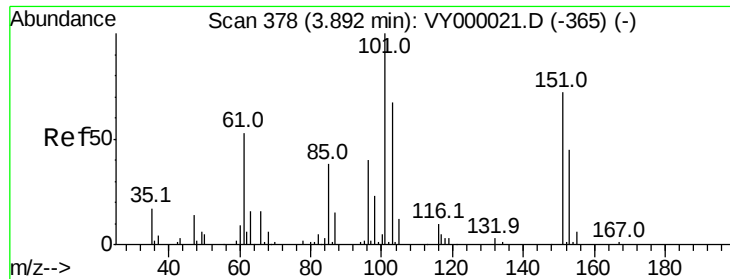


#8

Diethyl Ether
Concen: 142.369 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 74 Resp: 125145
Ion Ratio Lower Upper
74 100
45 81.7 41.9 125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.955 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

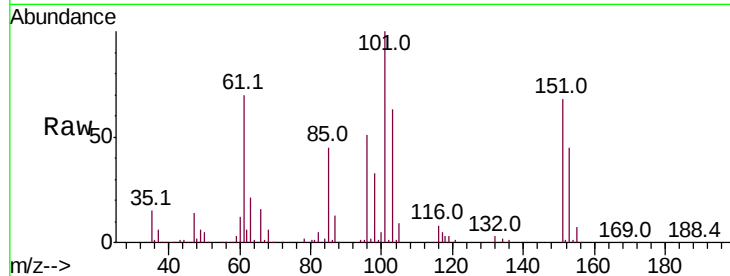
Tot Ion:101 Resp: 205173

Ion Ratio Lower Upper

101 100

85 44.2 35.3 52.9

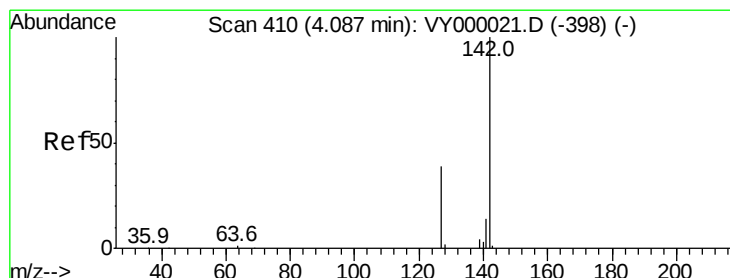
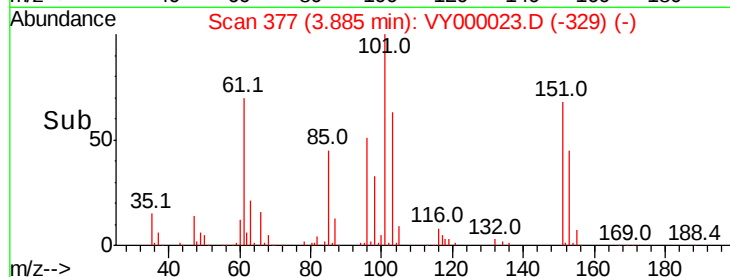
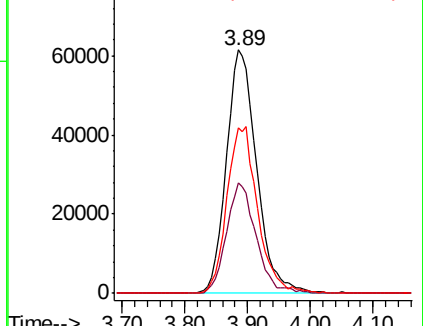
151 69.5 55.9 83.9



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: 156.865 ug/l

RT: 4.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

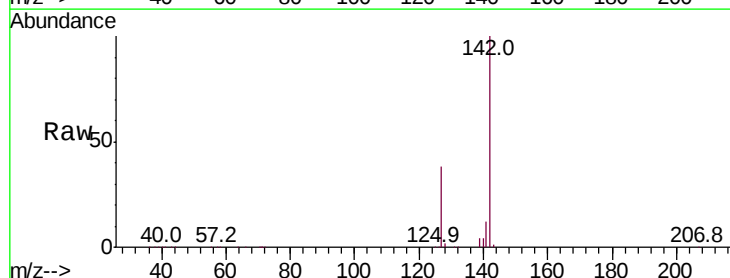
Tgt Ion:142 Resp: 249685

Ion Ratio Lower Upper

142 100

127 38.5 31.4 47.2

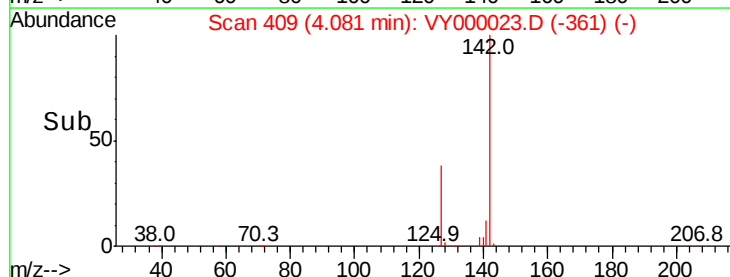
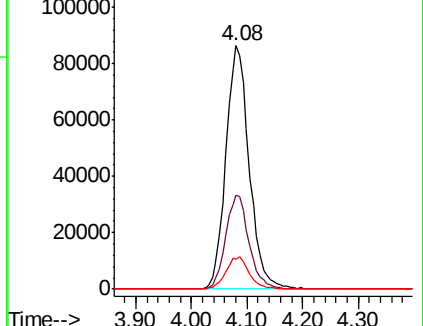
141 13.2 10.6 16.0

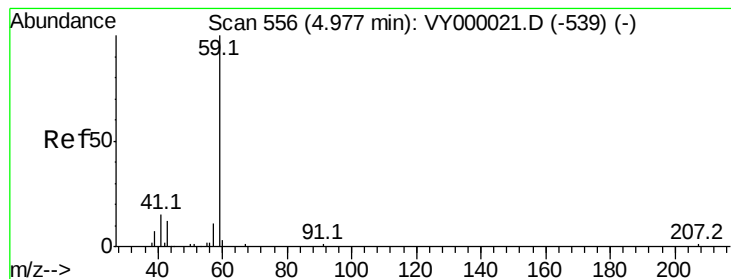


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



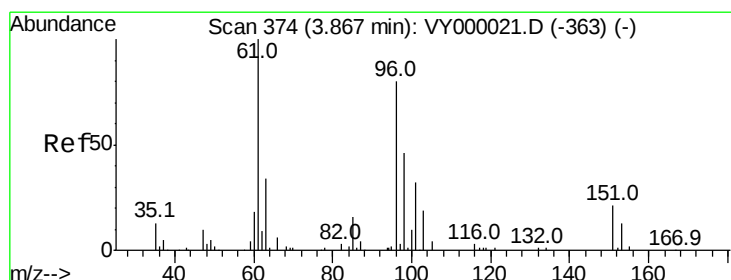
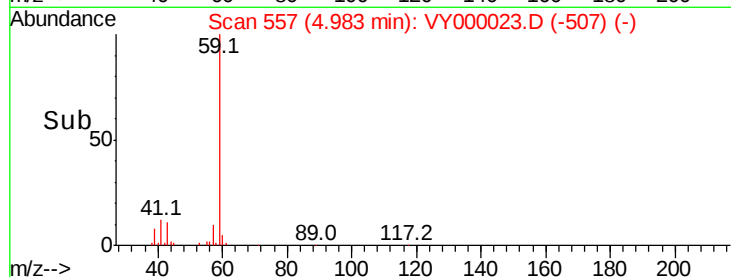
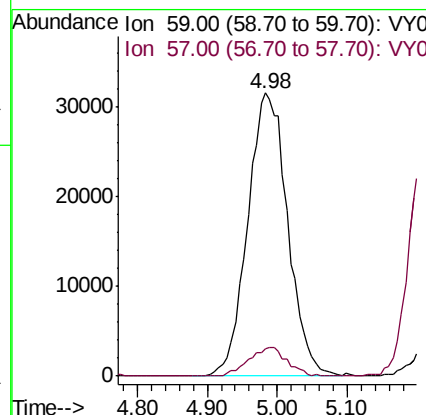
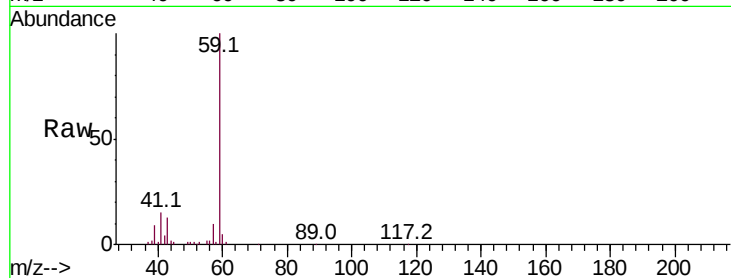


#11

Tert butyl alcohol
Concen: 620.203 ug/l
RT: 4.98 min Scan# 557
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

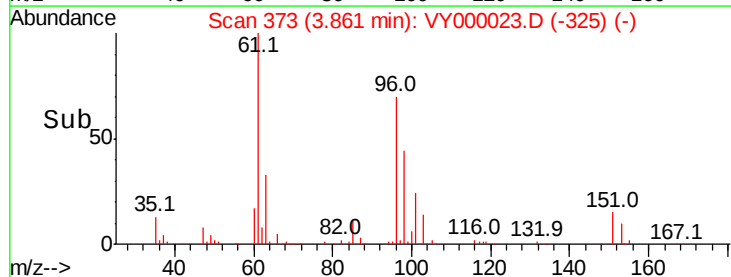
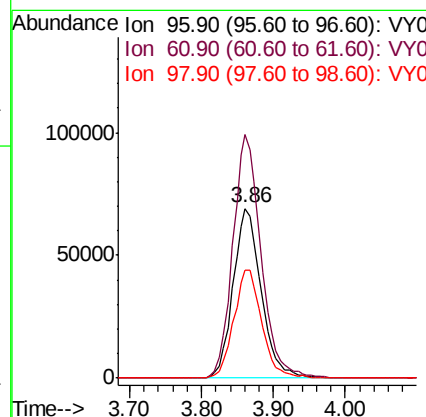
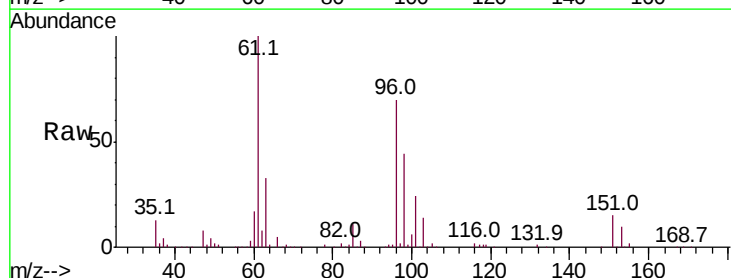
Tot Ion: 59 Resp: 125032
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

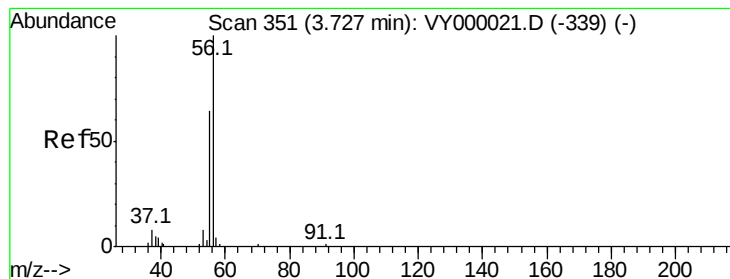


#12

1,1-Dichloroethene
Concen: 138.431 ug/l
RT: 3.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 96 Resp: 187791
Ion Ratio Lower Upper
96 100
61 143.4 99.8 149.6
98 63.6 46.3 69.5





#13

Acrolein

Concen: 598.221 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

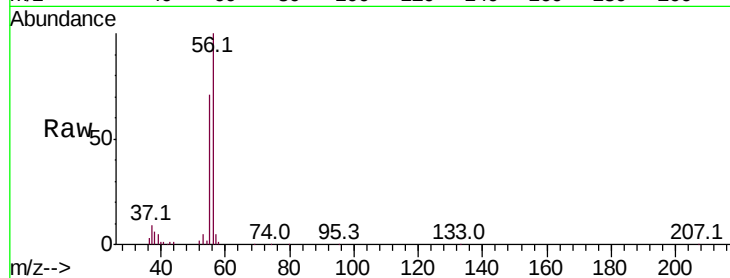
ClientSampleId :

Tot Ion: 56 Resp: 90475

Ion Ratio Lower Upper

56 100

55 68.4 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

40000

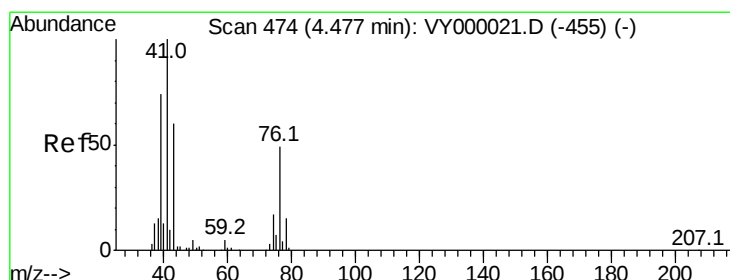
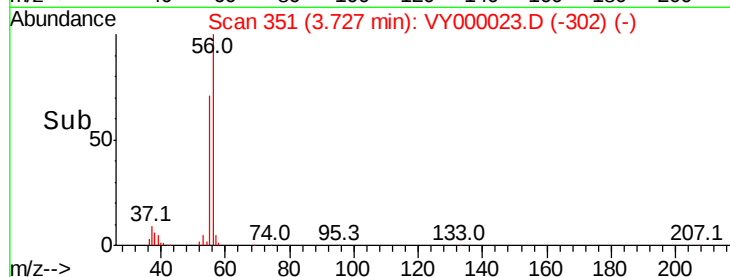
30000

20000

10000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 140.685 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

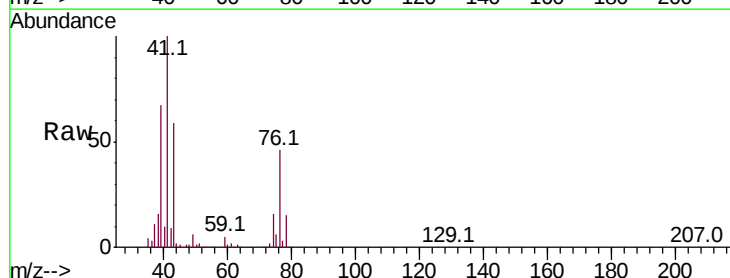
Tgt Ion: 41 Resp: 296323

Ion Ratio Lower Upper

41 100

39 65.7 53.1 79.7

76 43.9 34.9 52.3



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.47

120000

100000

80000

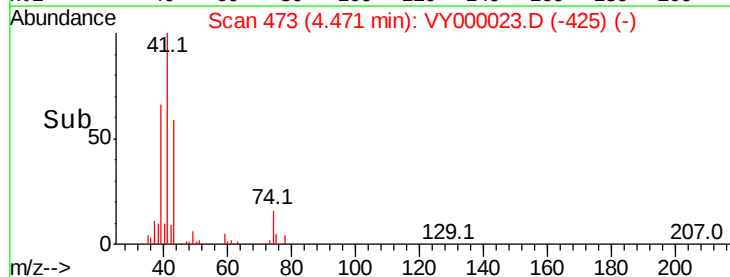
60000

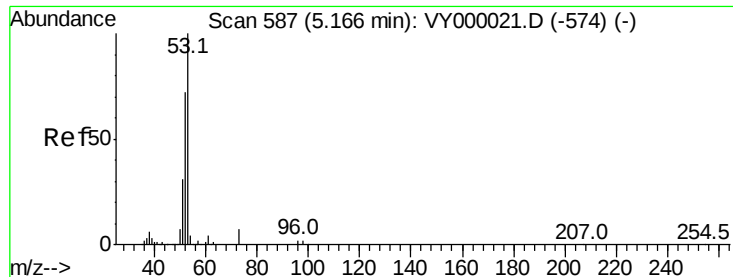
40000

20000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 708.238 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

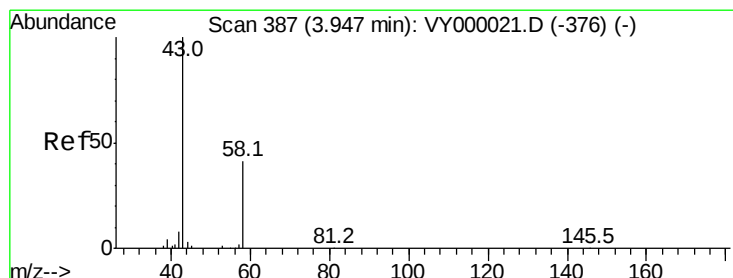
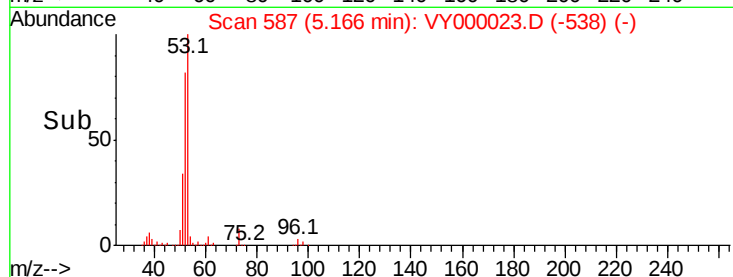
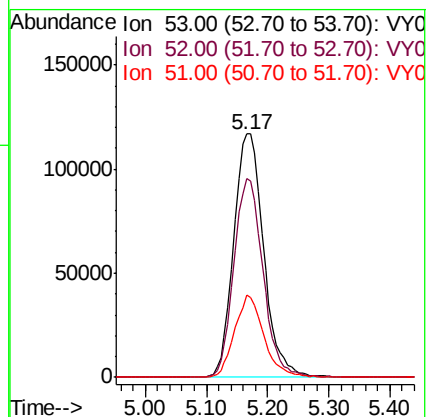
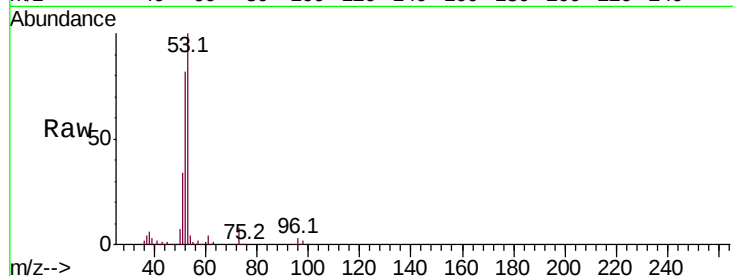
Tot Ion: 53 Resp: 395006

Ion Ratio Lower Upper

53 100

52 79.4 62.8 94.2

51 32.9 26.6 40.0



#16

Acetone

Concen: 666.810 ug/l

RT: 3.95 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000023.D

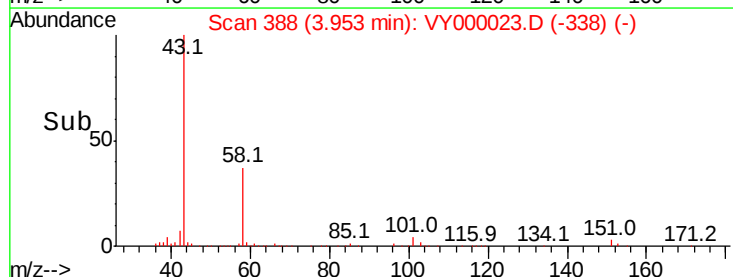
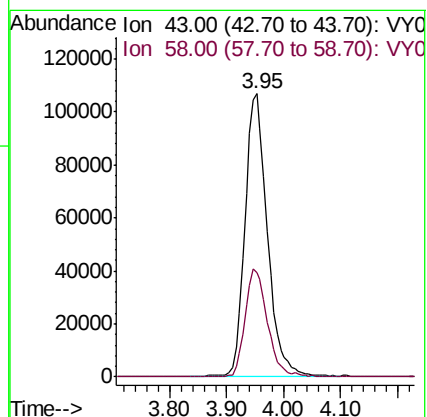
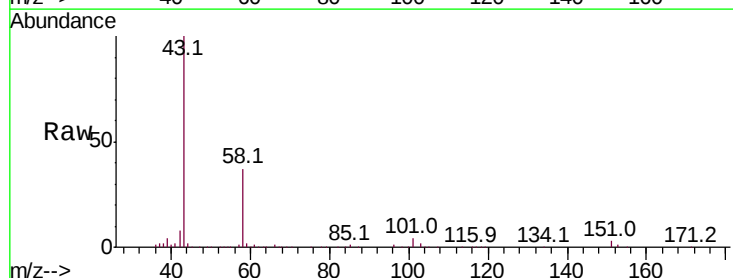
Acq: 12 Sep 2019 13:16

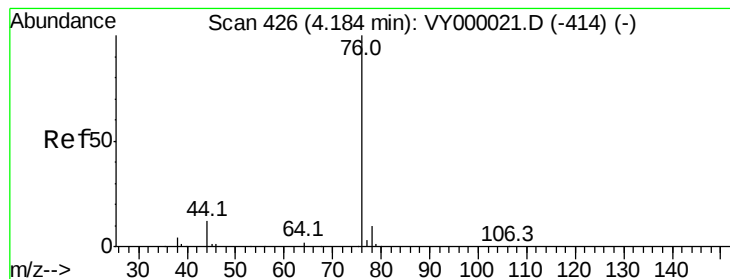
Tgt Ion: 43 Resp: 293168

Ion Ratio Lower Upper

43 100

58 36.8 32.5 48.7





#17

Carbon Disulfide

Concen: 132.407 ug/l

RT: 4.18 min Scan# 426

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

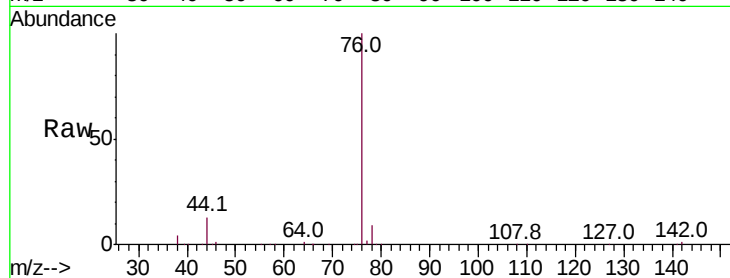
ClientSampleId :

Tot Ion: 76 Resp: 361715

Ion Ratio Lower Upper

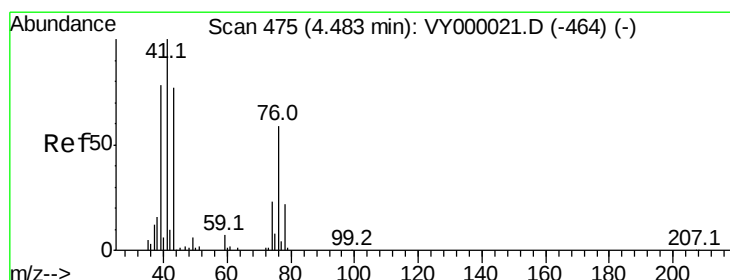
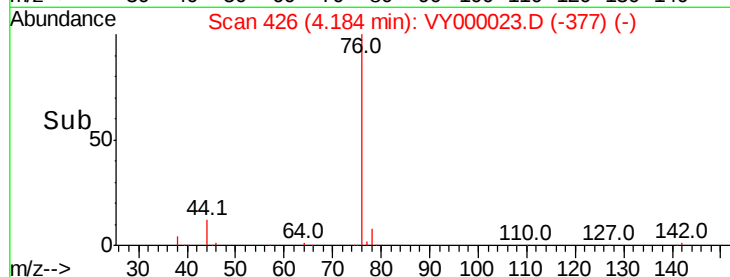
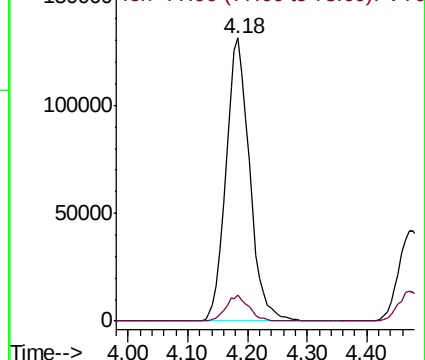
76 100

78 9.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 138.978 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.01 min

Lab File: VY000023.D

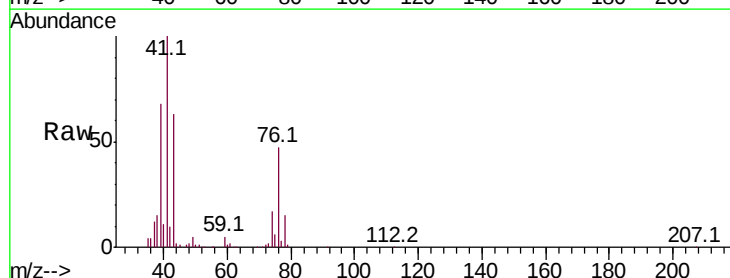
Acq: 12 Sep 2019 13:16

Tgt Ion: 43 Resp: 171945

Ion Ratio Lower Upper

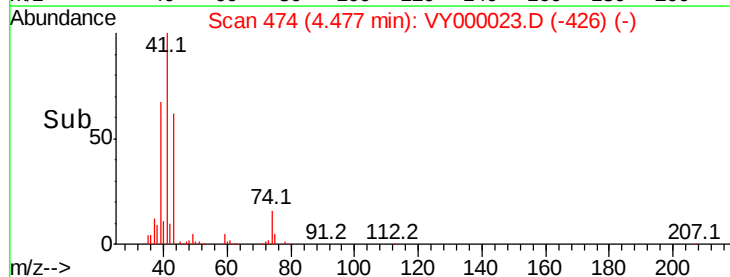
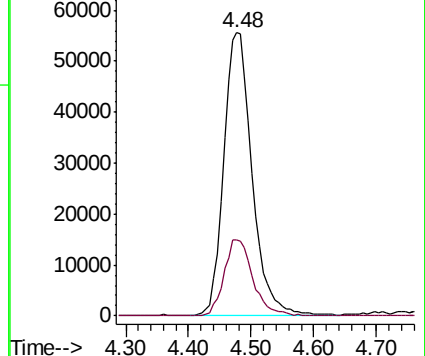
43 100

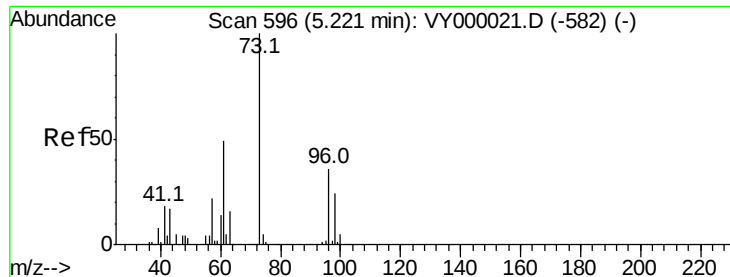
74 27.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

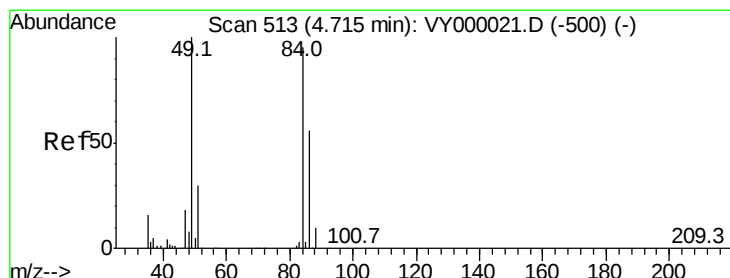
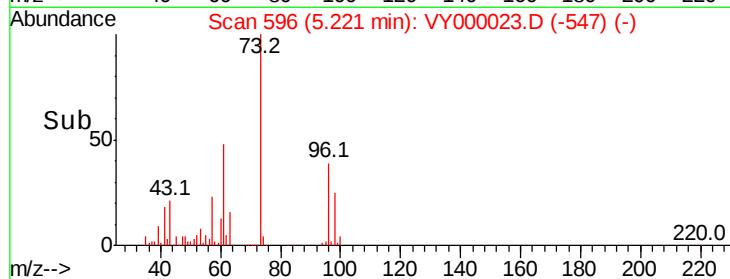
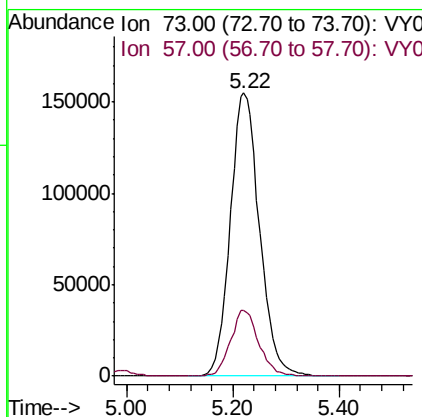
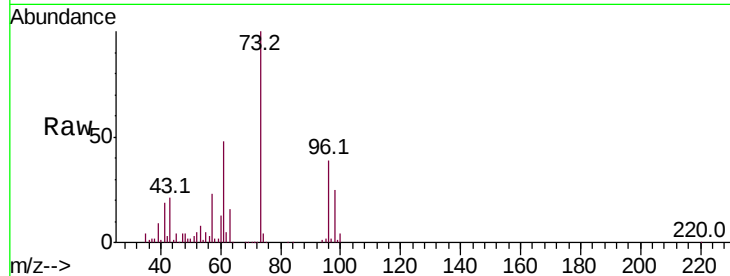




#19
Methvl tert-butvl Ether
Concen: 143.961 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

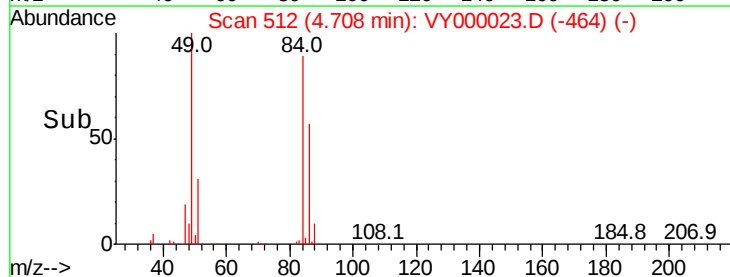
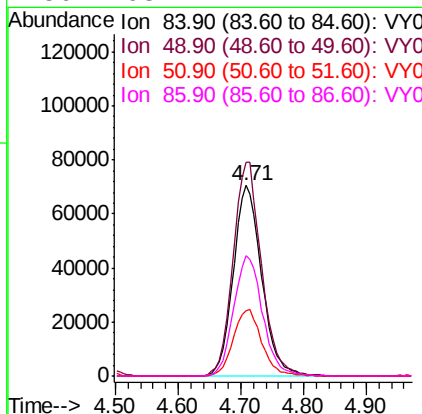
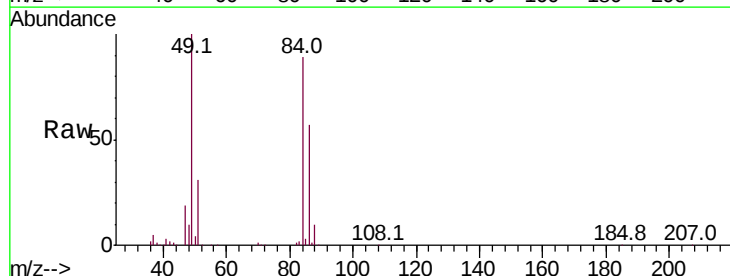
Instrument :
MSVOA_Y
ClientSampleId :

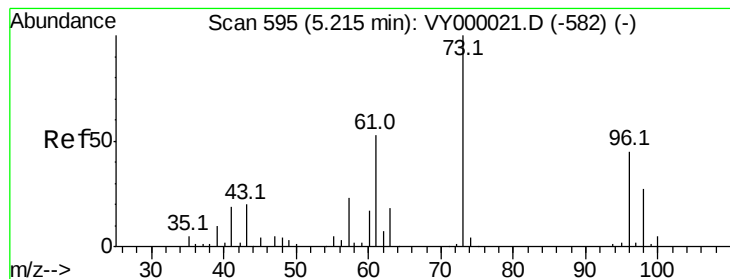
Tot Ion: 73 Resp: 591514
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.8



#20
Methylene Chloride
Concen: 125.890 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 84 Resp: 220658
Ion Ratio Lower Upper
84 100
49 112.2 84.4 126.6
51 34.5 25.4 38.0
86 63.4 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 137.963 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

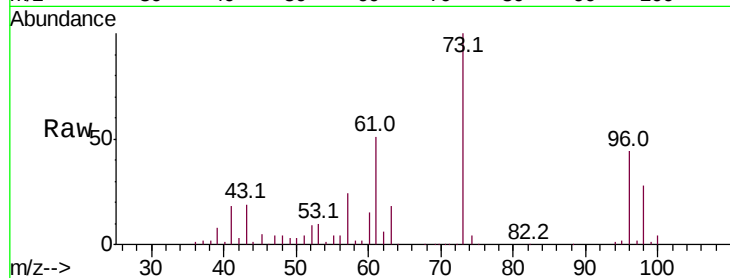
Tot Ion: 96 Resp: 207233

Ion Ratio Lower Upper

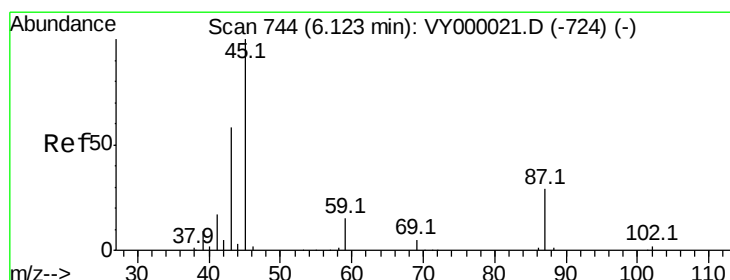
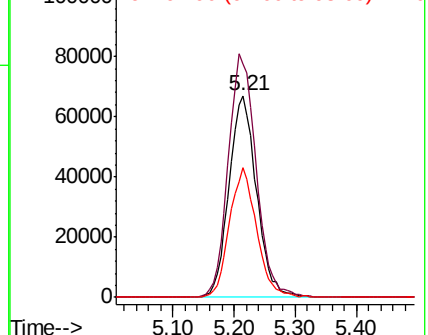
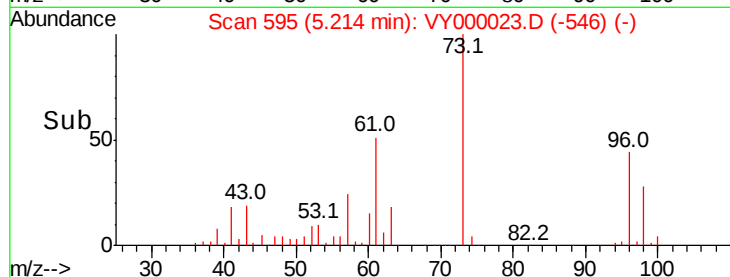
96 100

61 116.0 95.3 142.9

98 64.1 48.7 73.1



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: 146.057 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion: 45 Resp: 679133

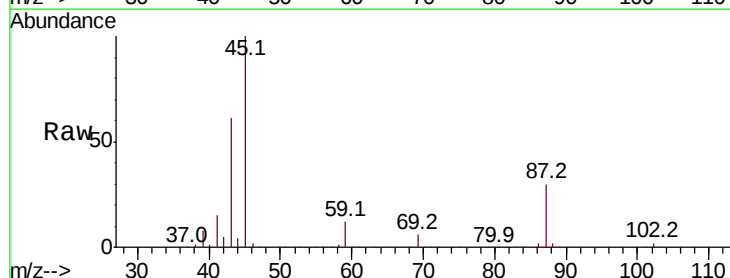
Ion Ratio Lower Upper

45 100

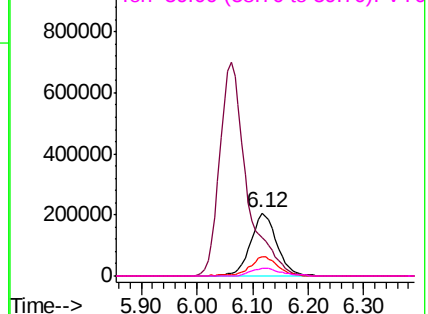
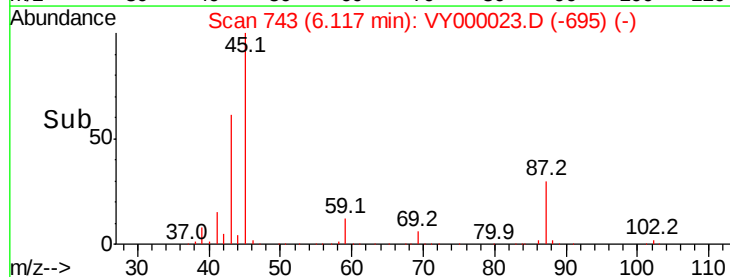
43 60.3 47.0 70.4

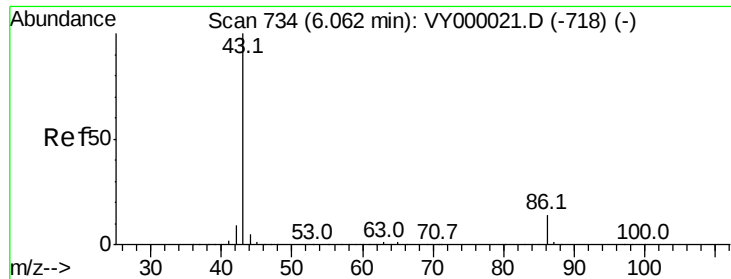
87 30.5 23.1 34.7

59 12.4 11.8 17.6



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: 732.201 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

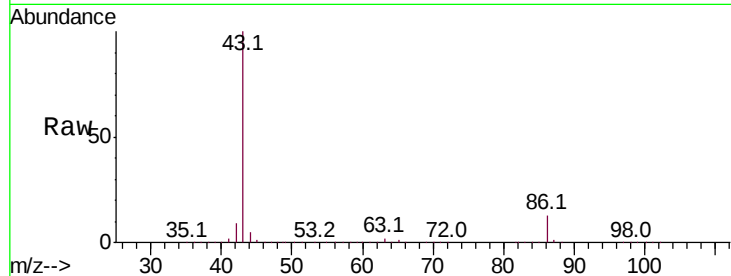
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 2355223

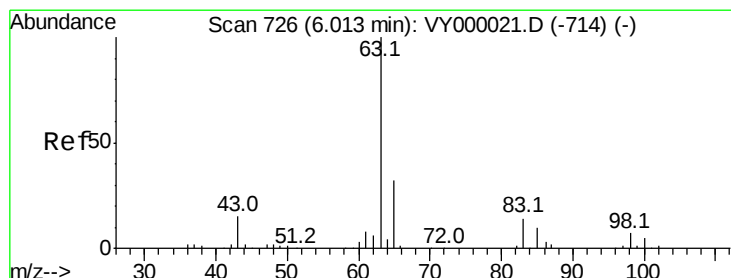
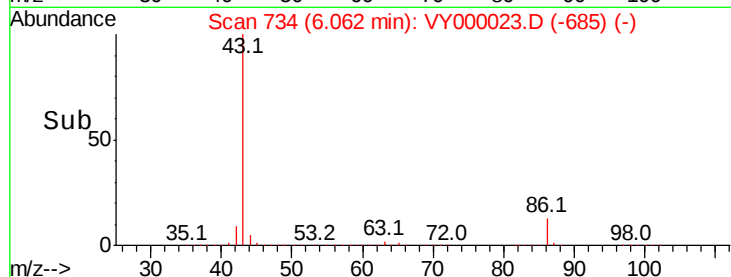
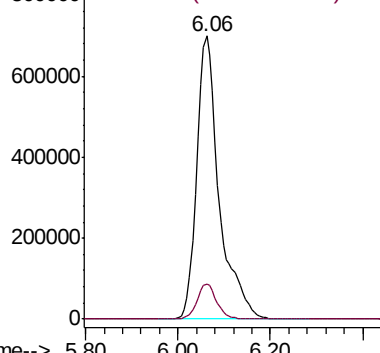
Ion Ratio Lower Upper

43 100

86 12.6 11.0 16.4



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



#24

1,1-Dichloroethane

Concen: 142.620 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

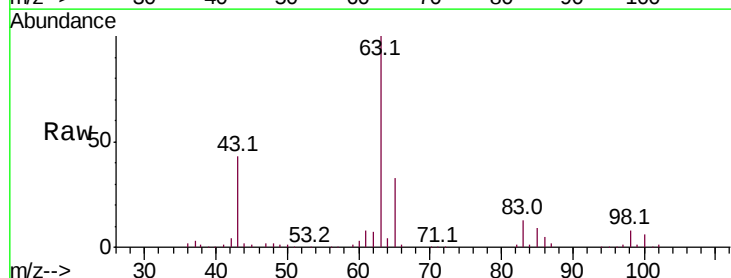
Tgt Ion: 63 Resp: 392976

Ion Ratio Lower Upper

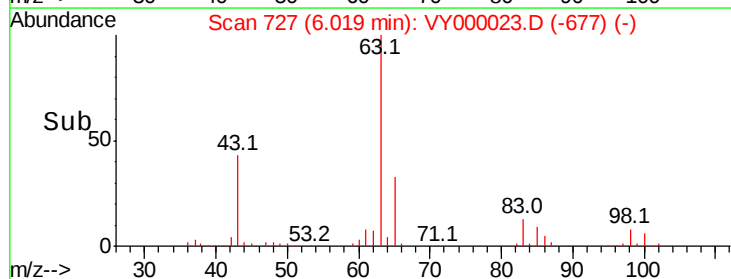
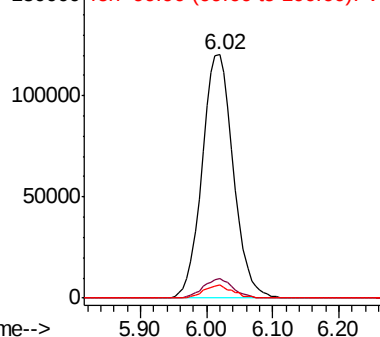
63 100

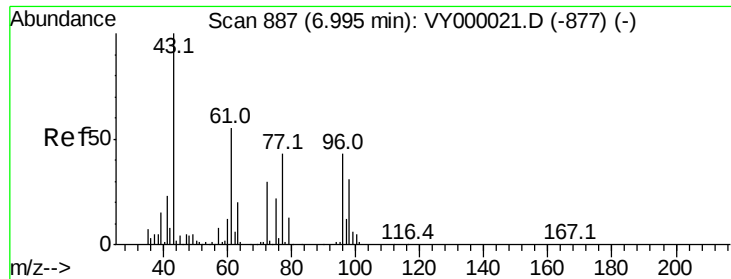
98 7.9 3.8 11.2

100 5.5 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 676.015 ug/l

RT: 6.99 min Scan# 887

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

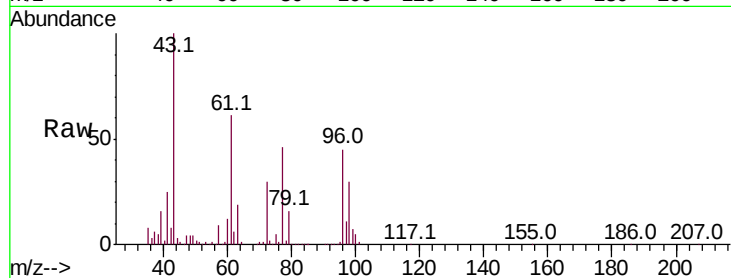
ClientSampled :

Tot Ion: 43 Resp: 483113

Ion Ratio Lower Upper

43 100

72 30.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

200000

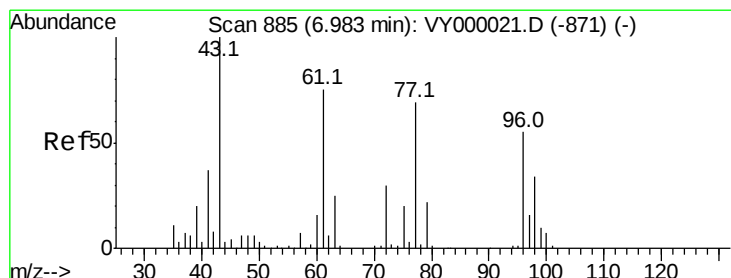
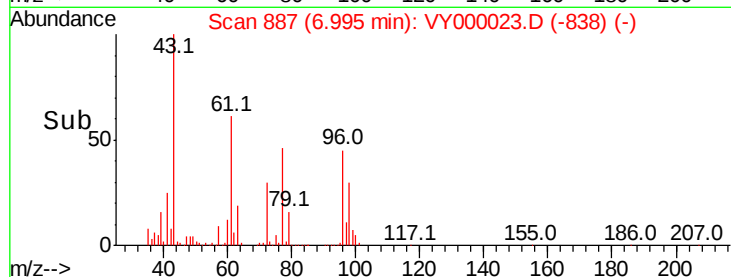
150000

100000

50000

0

Time--> 6.85 6.90 6.95 7.00 7.05



#26

2,2-Dichloropropane

Concen: 133.514 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000023.D

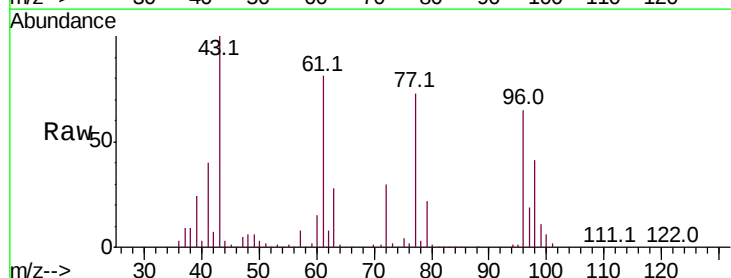
Acq: 12 Sep 2019 13:16

Tgt Ion: 77 Resp: 341758

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.98

120000

100000

80000

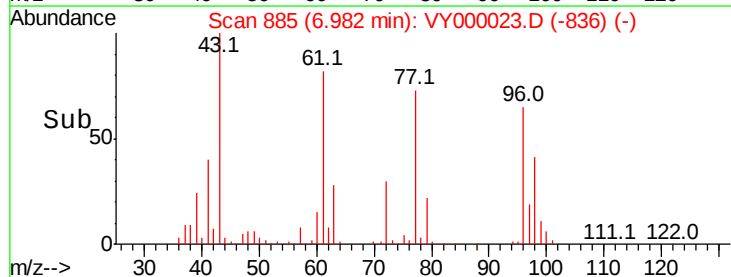
60000

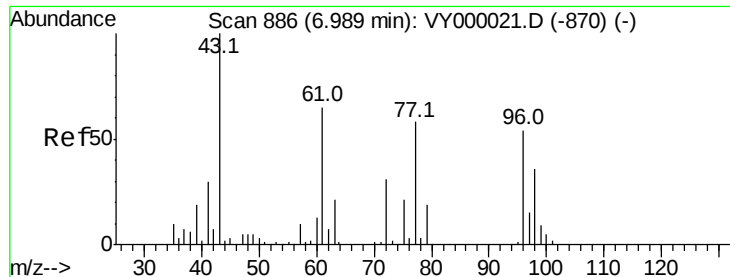
40000

20000

0

Time--> 6.80 6.90 7.00 7.10 7.20



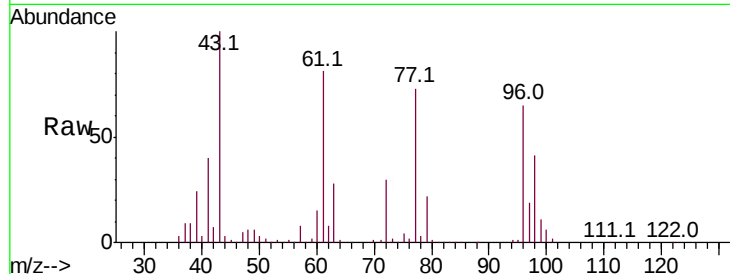


#27

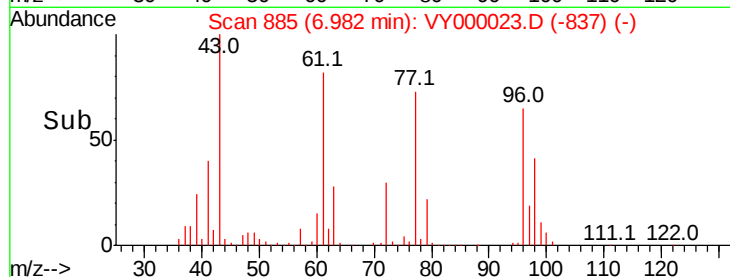
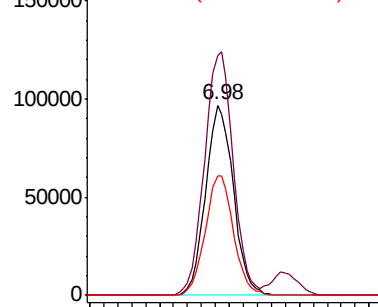
cis-1,2-Dichloroethene
Concen: 140.874 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

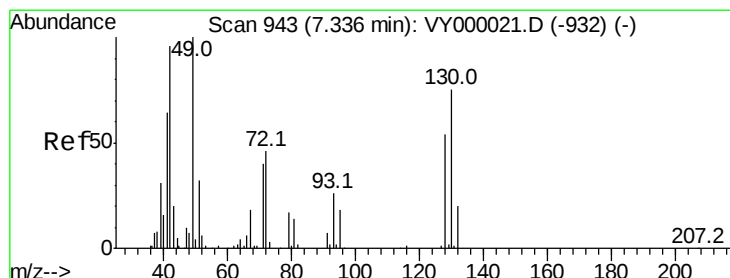
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	259.2
98	64.2	0.0	127.4



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



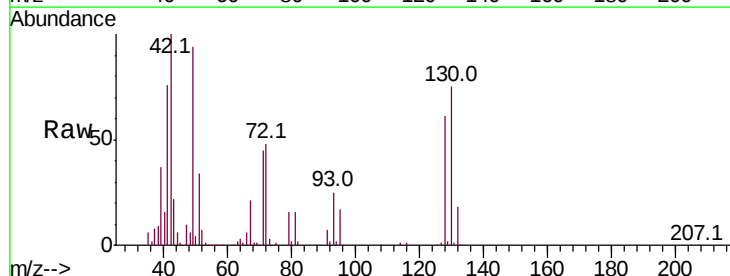
Time--> 6.80 6.90 7.00 7.10



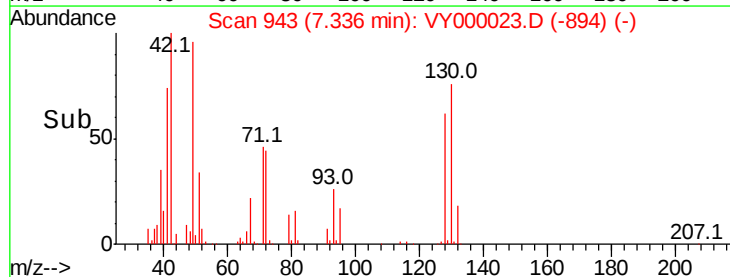
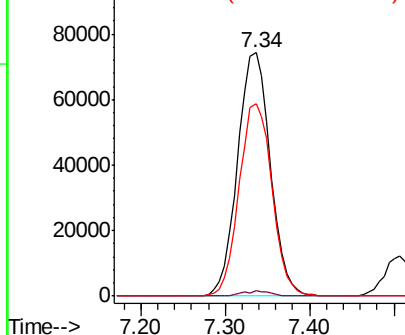
#28

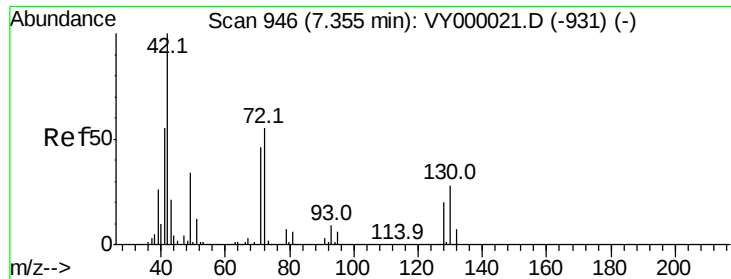
Bromochloromethane
Concen: 153.936 ug/l
RT: 7.34 min Scan# 943
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.8#
130	79.4	62.5	93.7



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

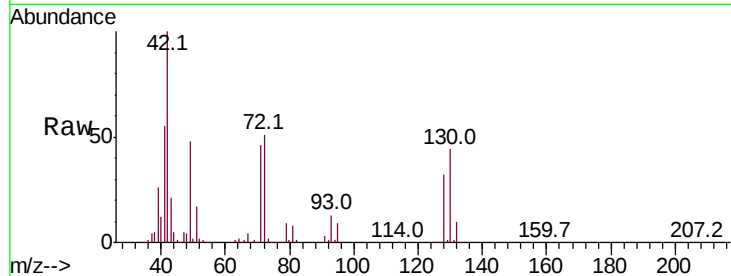




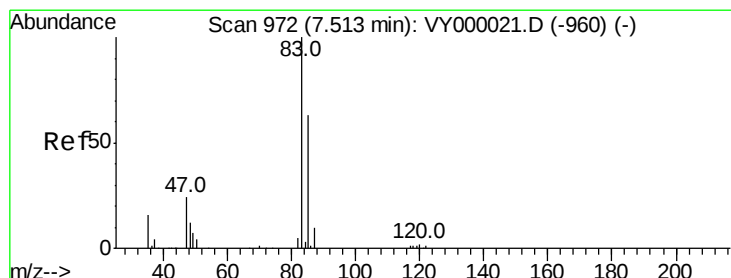
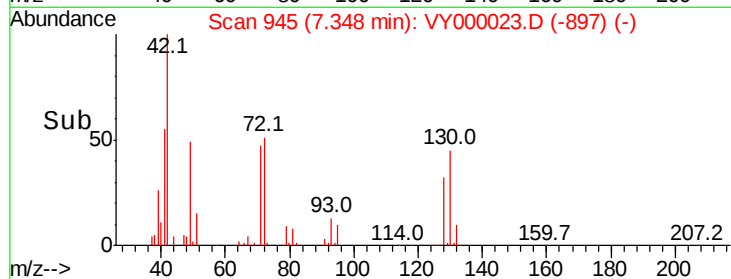
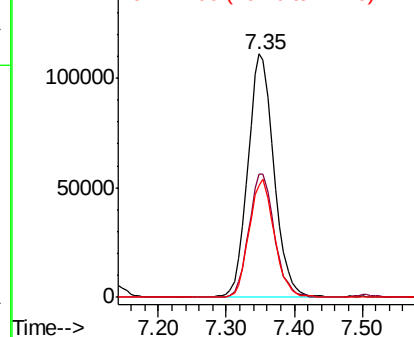
#29
Tetrahydrofuran
Concen: 696.245 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 295990
Ion Ratio Lower Upper
42 100
72 49.7 41.1 61.7
71 46.8 36.5 54.7

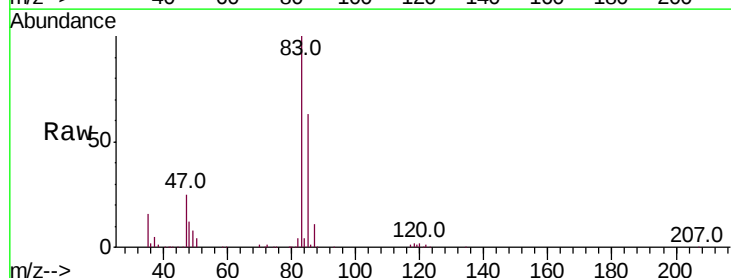


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

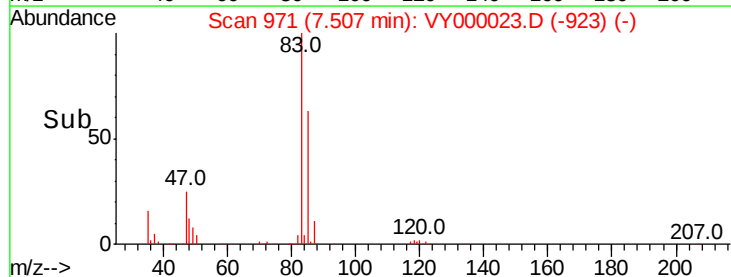
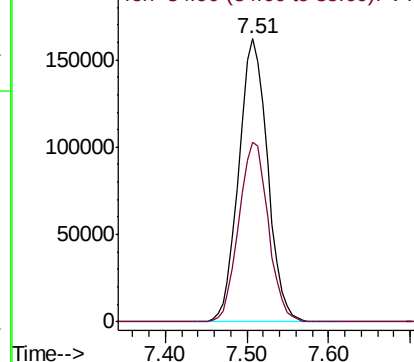


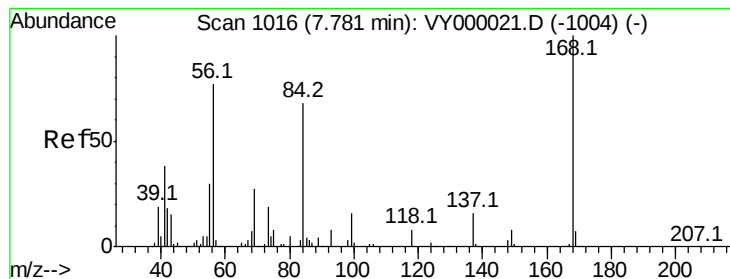
#30
Chloroform
Concen: 138.893 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 83 Resp: 394657
Ion Ratio Lower Upper
83 100
85 63.5 50.6 76.0



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





#31

Cyclohexane

Concen: 125.702 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

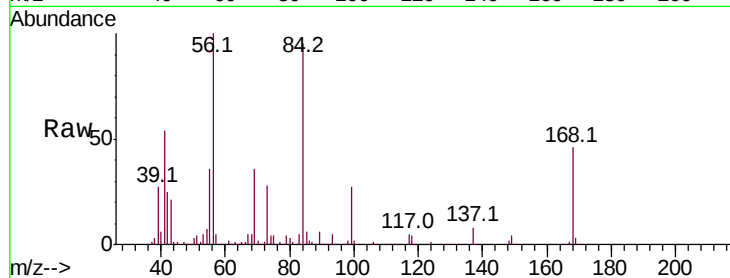
Tot Ion: 56 Resp: 288667

Ion Ratio Lower Upper

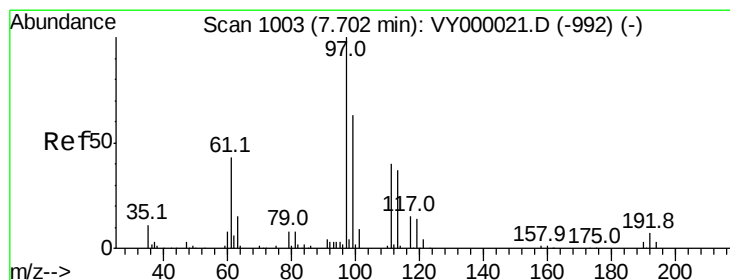
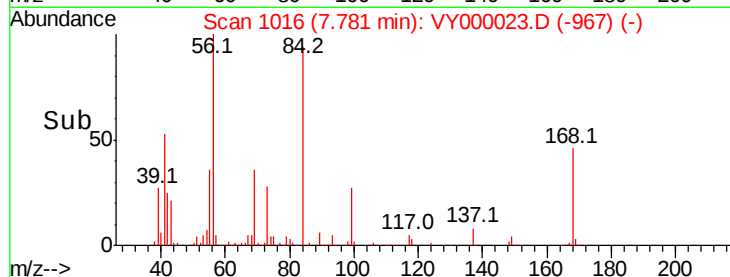
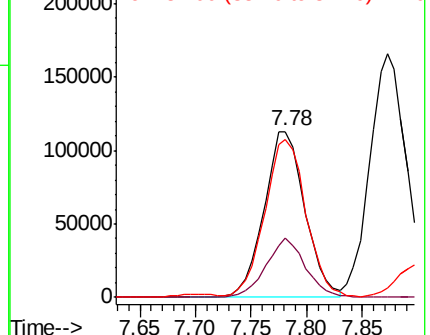
56 100

69 35.7 28.0 42.0

84 93.3 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 143.281 ug/l

RT: 7.70 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

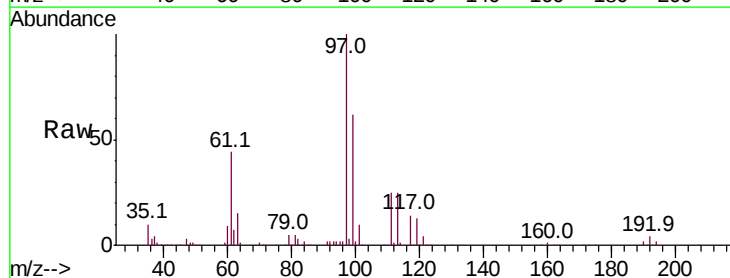
Tgt Ion: 97 Resp: 333971

Ion Ratio Lower Upper

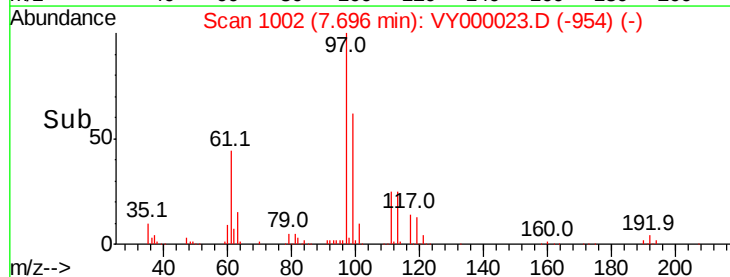
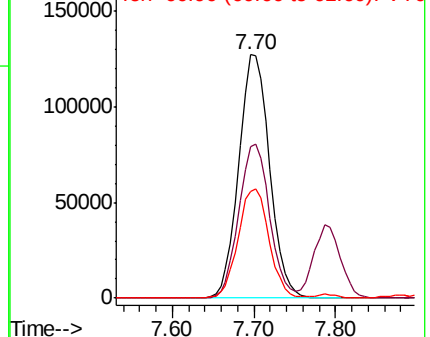
97 100

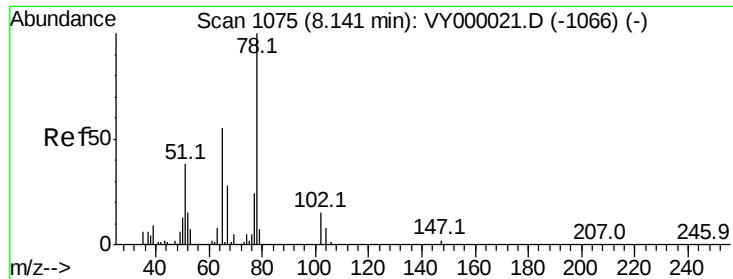
99 63.2 51.0 76.6

61 44.9 35.7 53.5



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

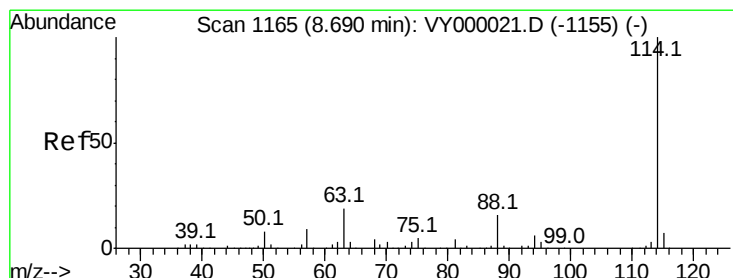
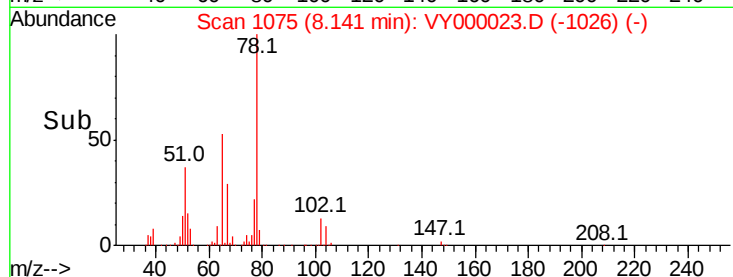
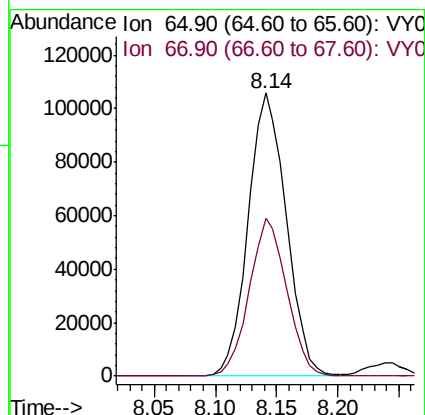
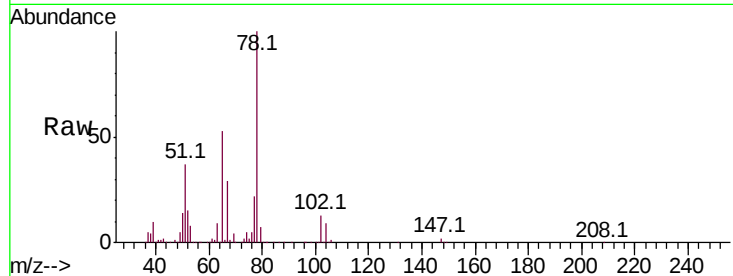




#33
 1,2-Dichloroethane-d4
 Concen: 144.750 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

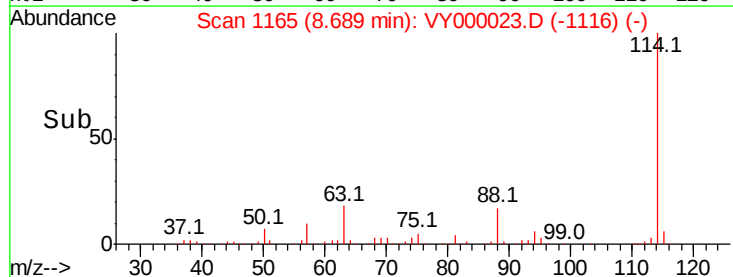
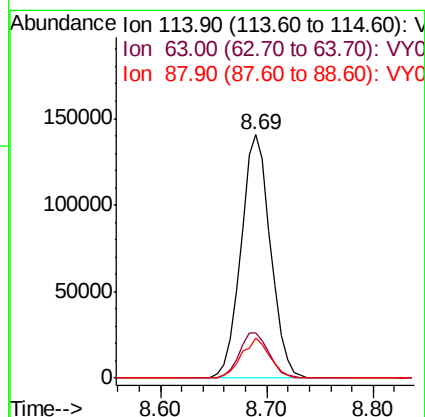
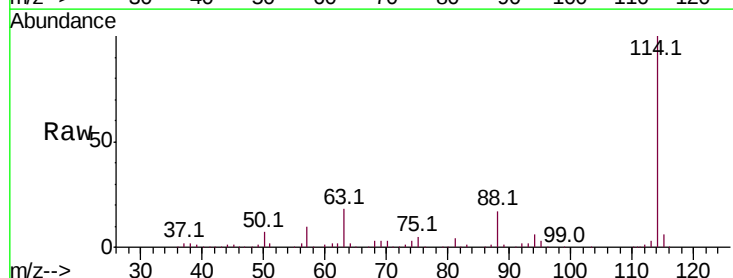
Instrument :
 MSVOA_Y
 ClientSampleId :

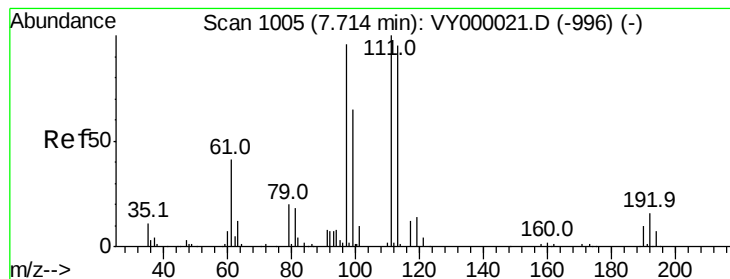
Tot Ion: 65 Resp: 229530
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion: 114 Resp: 273247
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 141.993 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

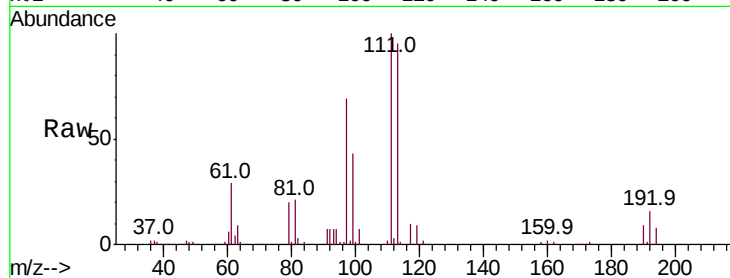
Tot Ion:113 Resp: 222589

Ion Ratio Lower Upper

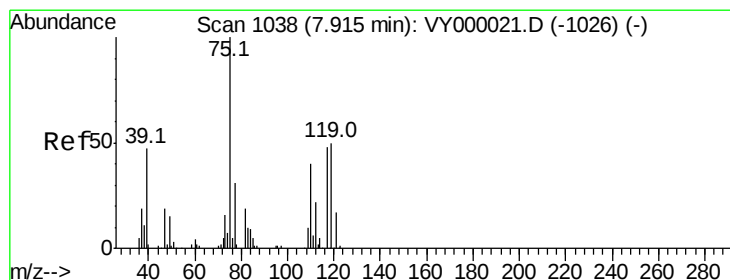
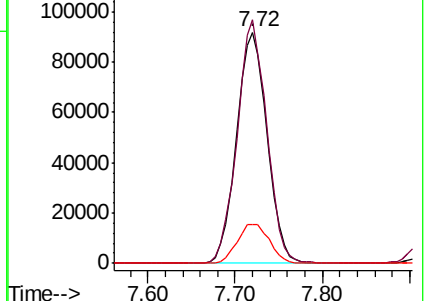
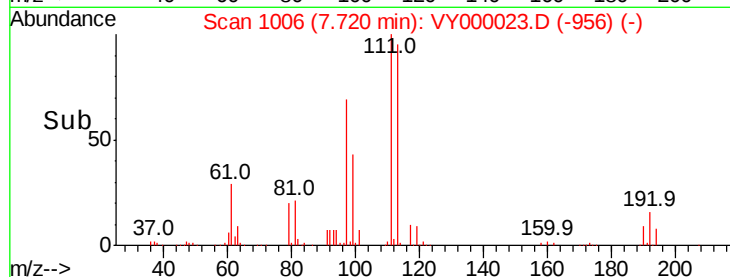
113 100

111 102.1 83.9 125.9

192 17.9 14.5 21.7



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



#36

1,1-Dichloropropene

Concen: 138.648 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

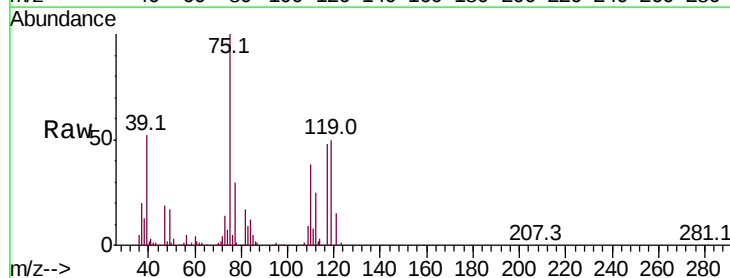
Tgt Ion: 75 Resp: 278159

Ion Ratio Lower Upper

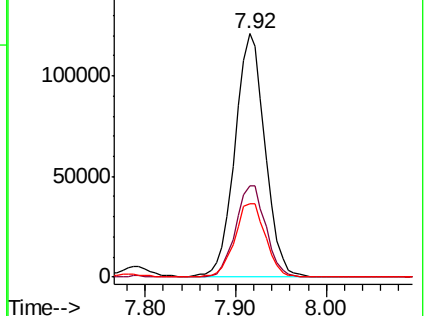
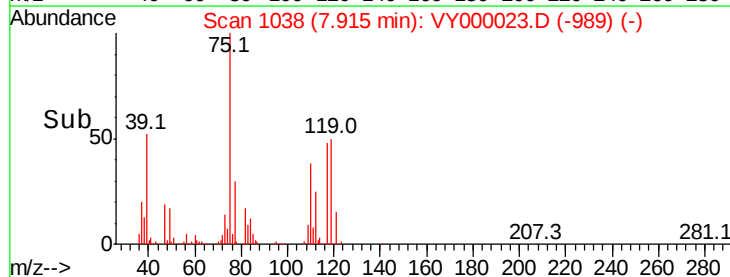
75 100

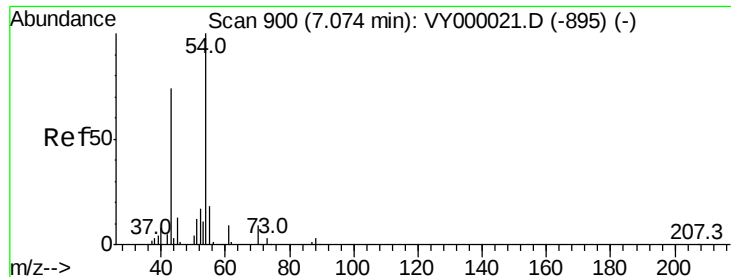
110 37.7 18.6 55.8

77 31.3 24.4 36.6



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

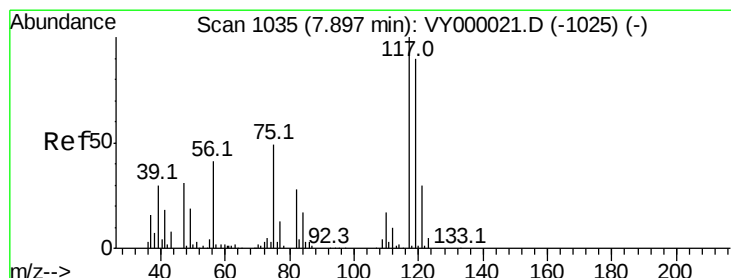
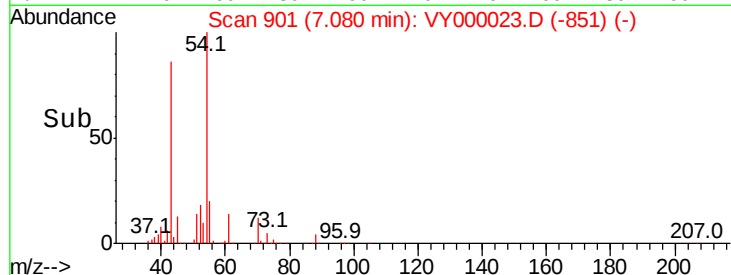
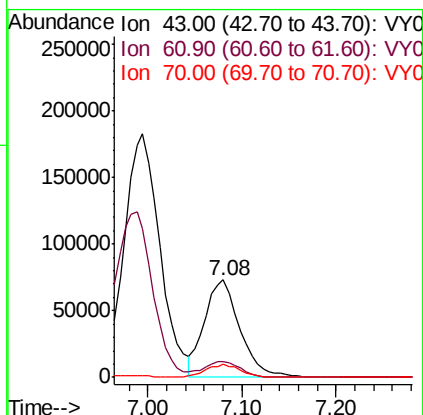
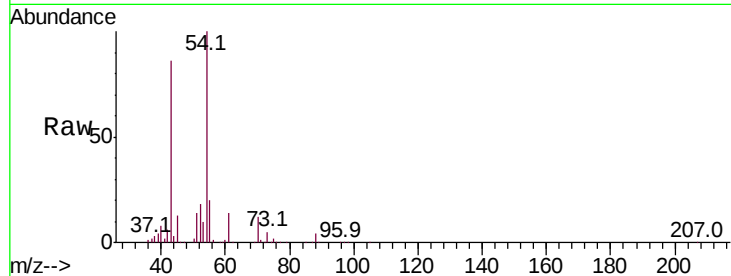




#37
Ethyl Acetate
Concen: 141.053 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

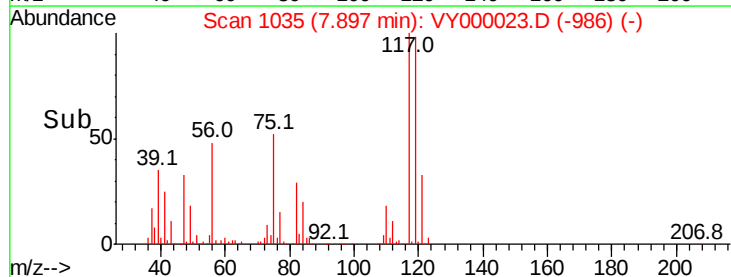
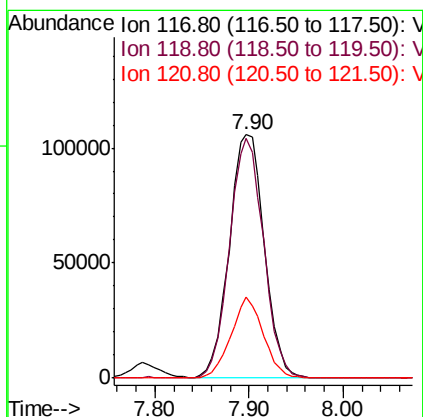
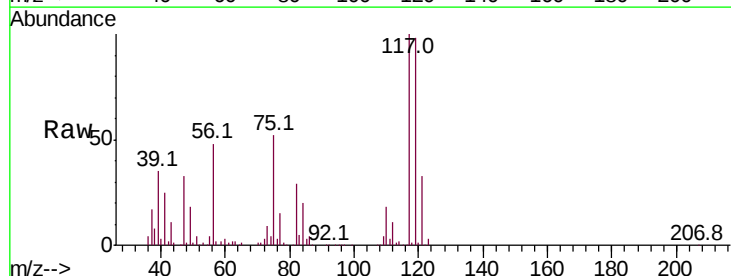
Instrument :
MSVOA_Y
ClientSampleId :

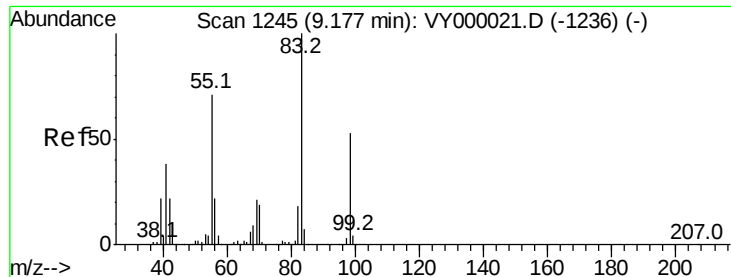
Tot Ion: 43 Resp: 190826
Ion Ratio Lower Upper
43 100
61 16.7 13.1 19.7
70 13.5 10.9 16.3



#38
Carbon Tetrachloride
Concen: 144.739 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 117 Resp: 274095
Ion Ratio Lower Upper
117 100
119 98.4 72.1 108.1
121 33.3 23.9 35.9

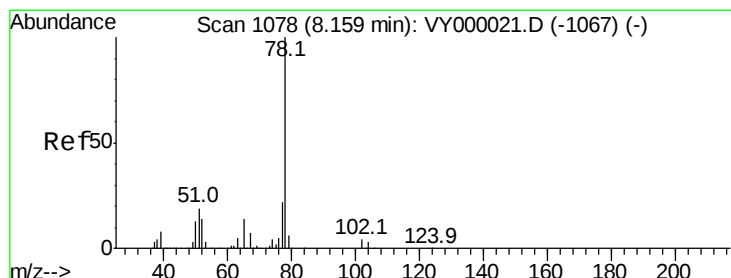
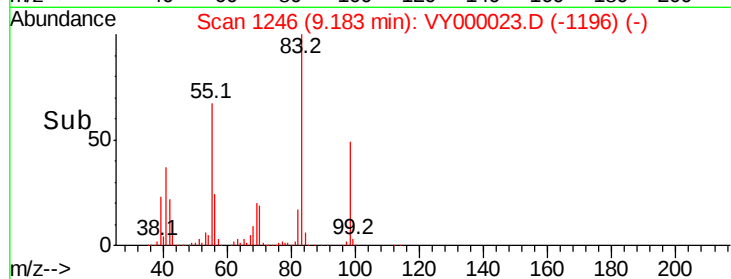
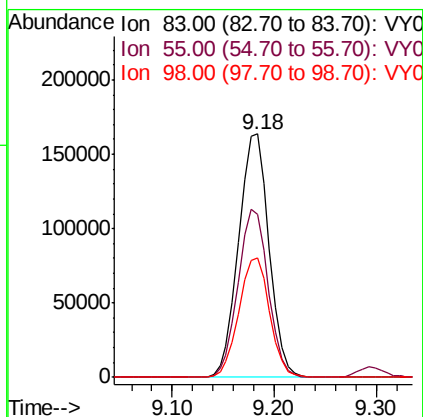
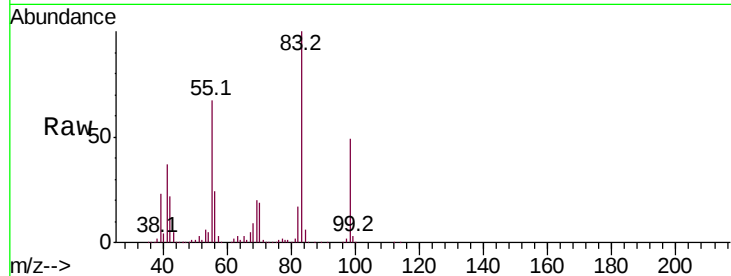




#39
Methvlcvclohexane
Concen: 136.863 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

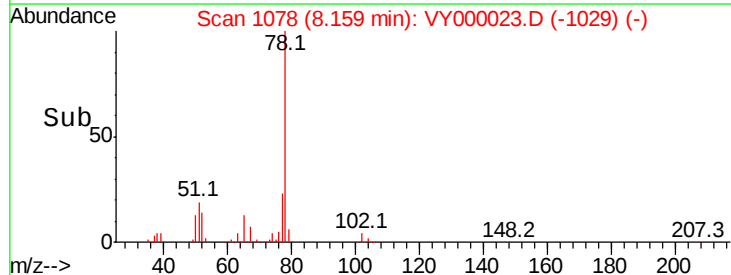
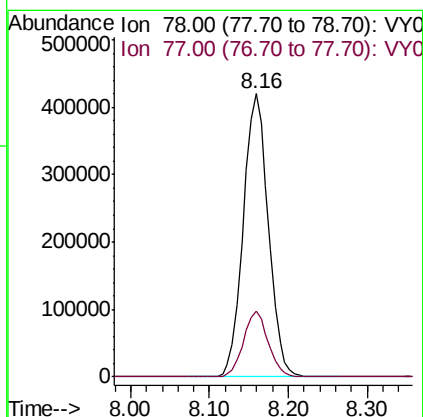
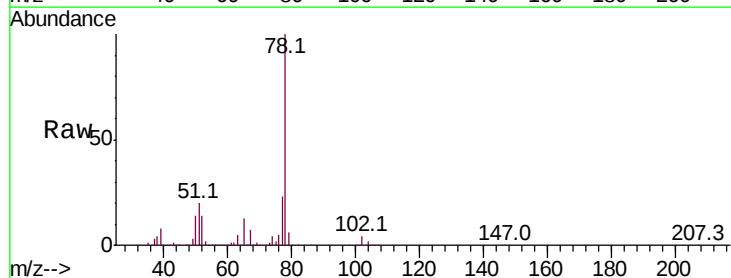
Instrument :
MSVOA_Y
ClientSampleId :

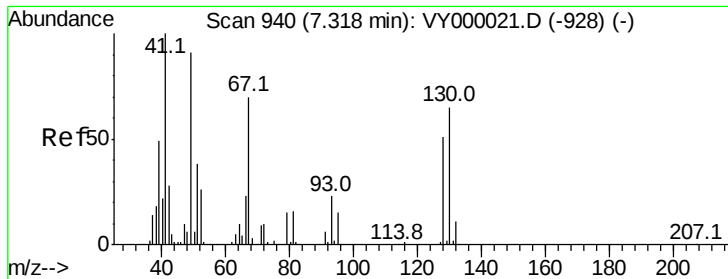
Tot Ion: 83 Resp: 339239
Ion Ratio Lower Upper
83 100
55 67.2 57.0 85.4
98 48.8 42.0 63.0



#40
Benzene
Concen: 141.884 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 78 Resp: 926740
Ion Ratio Lower Upper
78 100
77 23.2 17.8 26.6

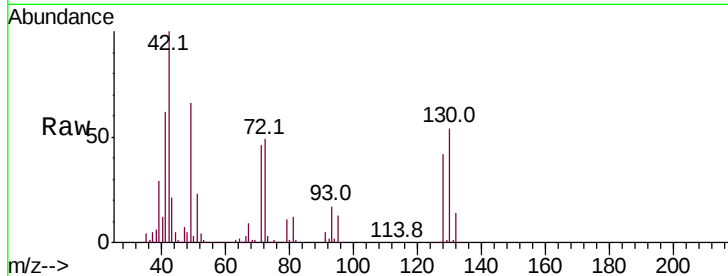




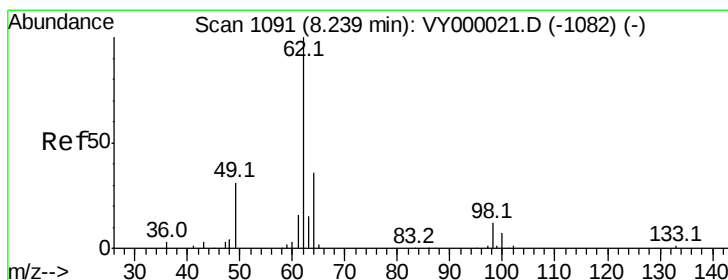
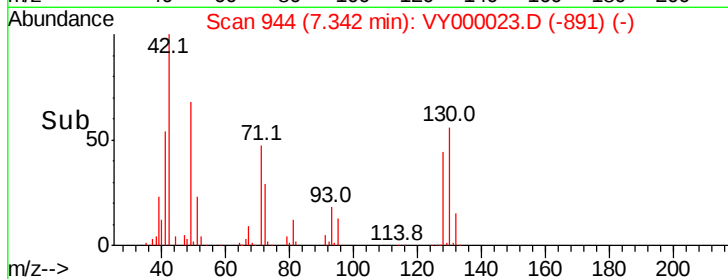
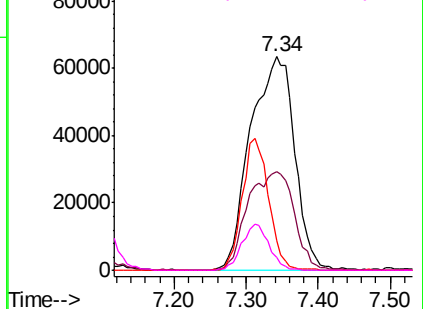
#41
Methacrylonitrile
Concen: 153.299 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.02 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 269344
Ion Ratio Lower Upper
41 100
39 48.6 41.8 62.6
67 0.0 65.8 98.6#
52 0.0 23.9 35.9#

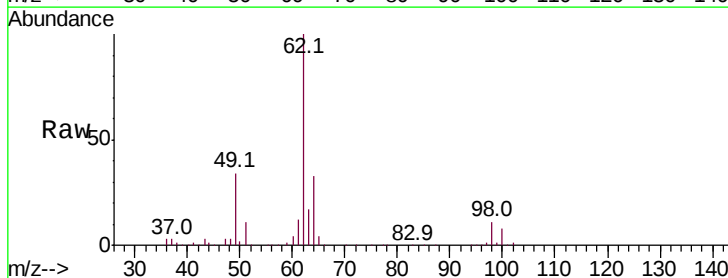


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

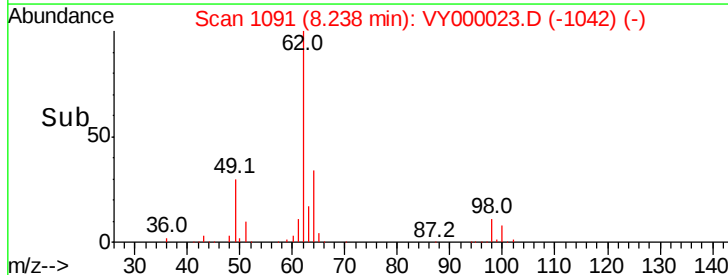
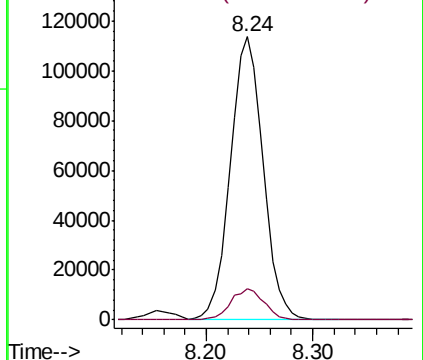


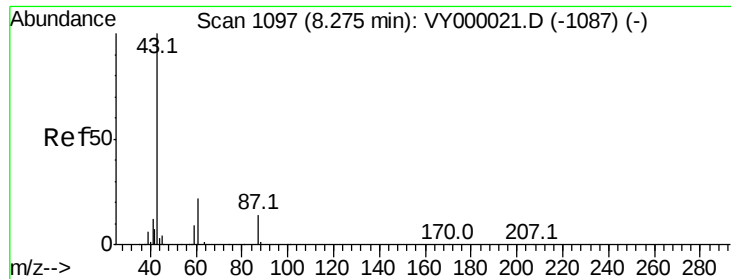
#42
1,2-Dichloroethane
Concen: 147.340 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 62 Resp: 245942
Ion Ratio Lower Upper
62 100
98 11.2 0.0 23.2



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





#43

Isopropyl Acetate

Concen: 144.038 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

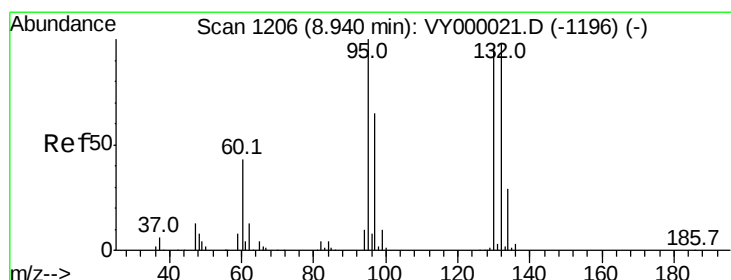
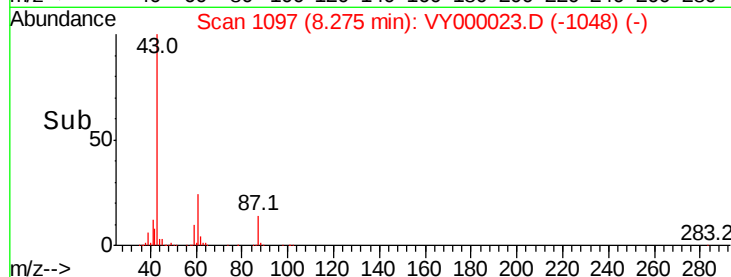
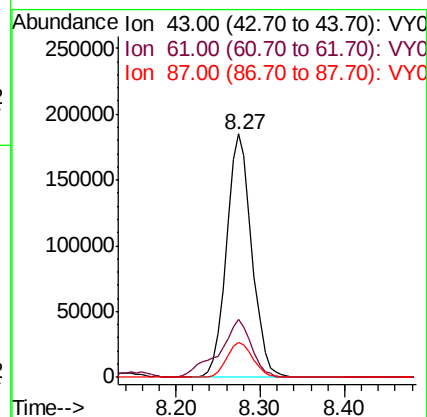
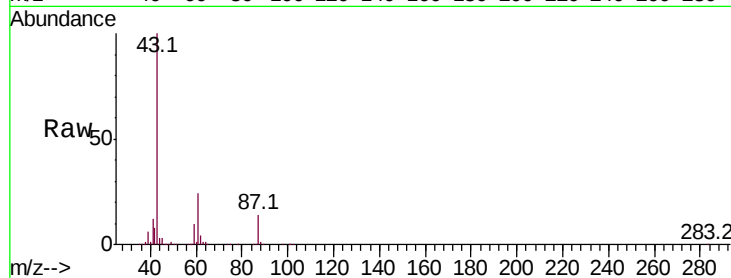
Tot Ion: 43 Resp: 377613

Ion Ratio Lower Upper

43 100

61 30.6 24.9 37.3

87 15.0 12.3 18.5



#44

Trichloroethene

Concen: 141.956 ug/l

RT: 8.93 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VY000023.D

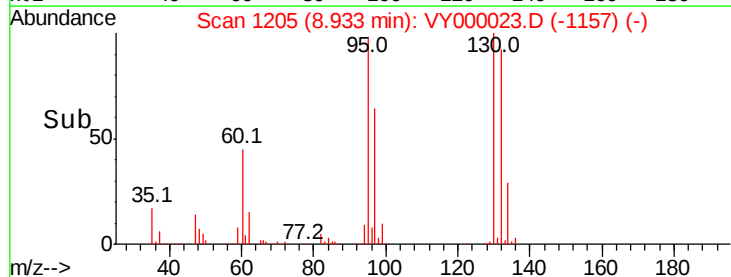
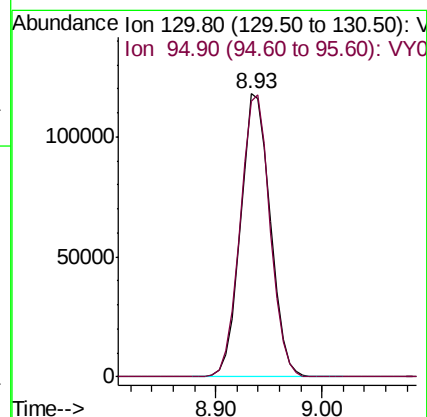
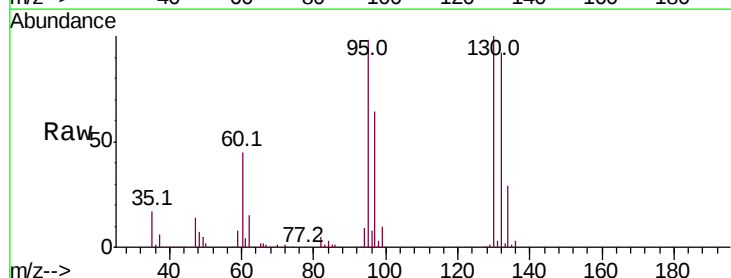
Acq: 12 Sep 2019 13:16

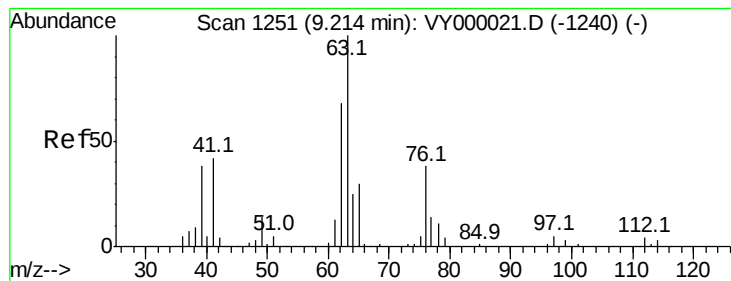
Tgt Ion:130 Resp: 231513

Ion Ratio Lower Upper

130 100

95 97.6 0.0 207.4





#45

1,2-Dichloropropane

Concen: 142.525 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

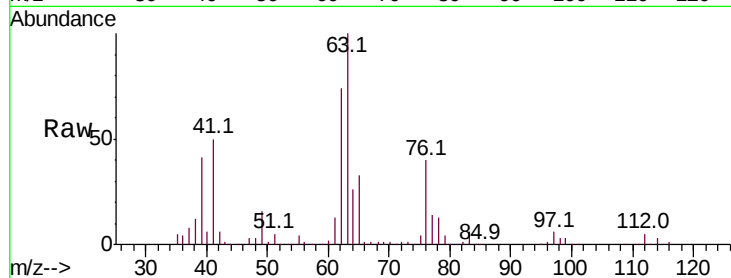
ClientSampled :

Tot Ion: 63 Resp: 240044

Ion Ratio Lower Upper

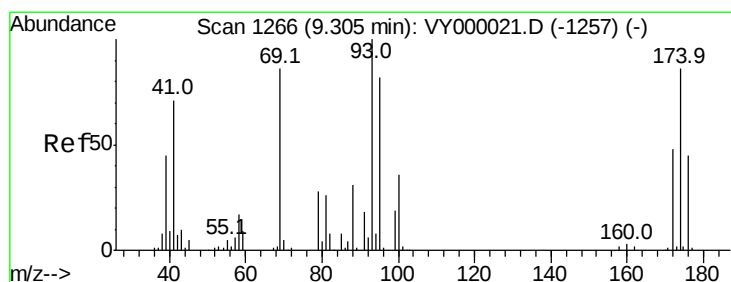
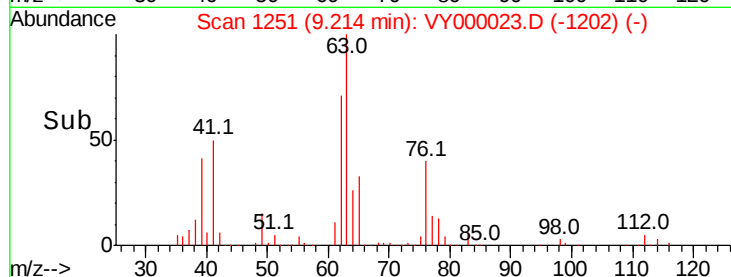
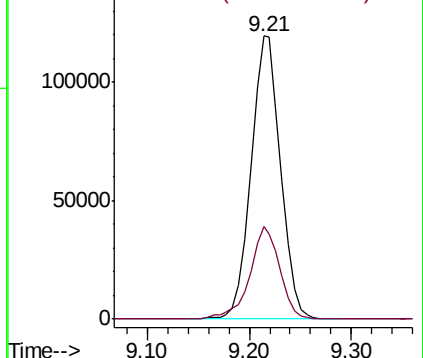
63 100

65 32.9 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 140.347 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

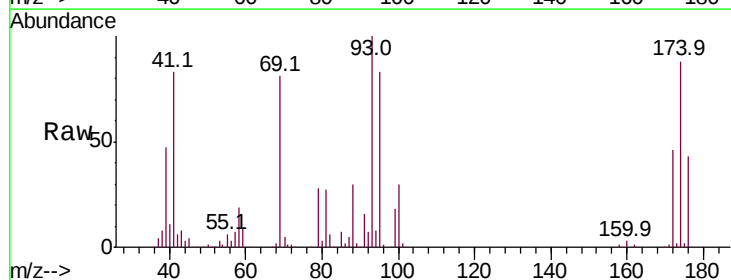
Tgt Ion: 93 Resp: 131184

Ion Ratio Lower Upper

93 100

95 82.2 67.0 100.6

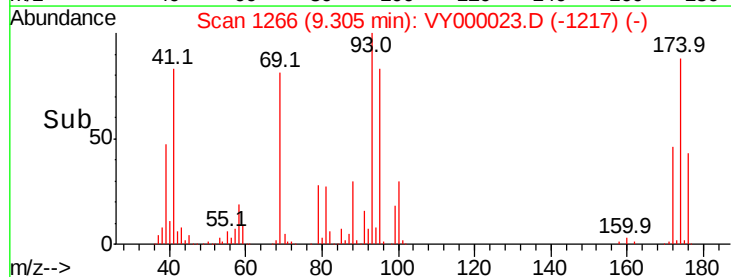
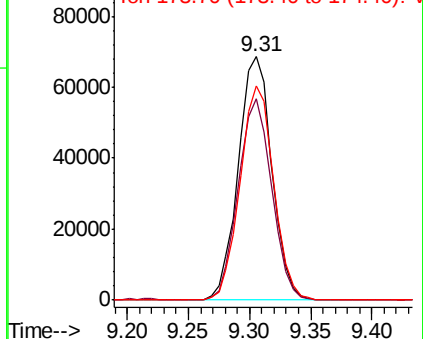
174 87.8 68.8 103.2

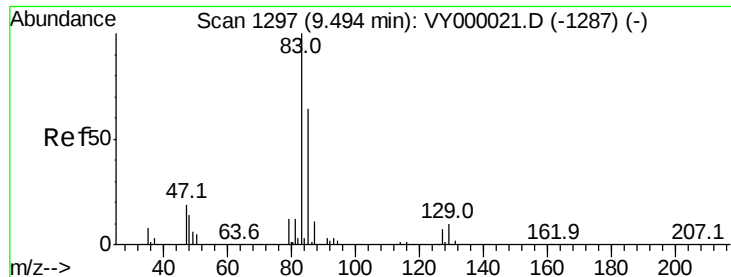


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 146.014 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

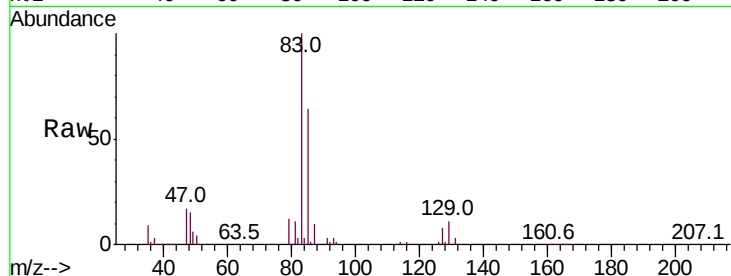
Tot Ion: 83 Resp: 325800

Ion Ratio Lower Upper

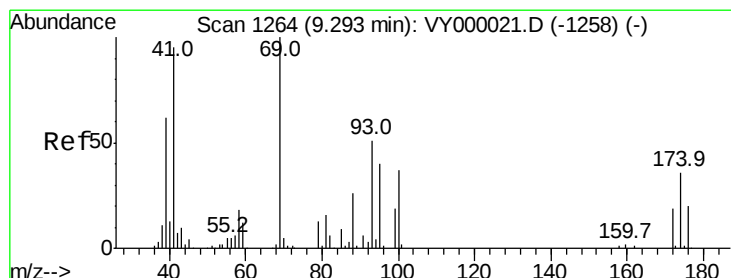
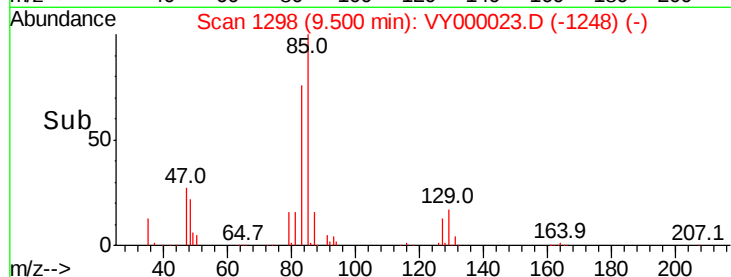
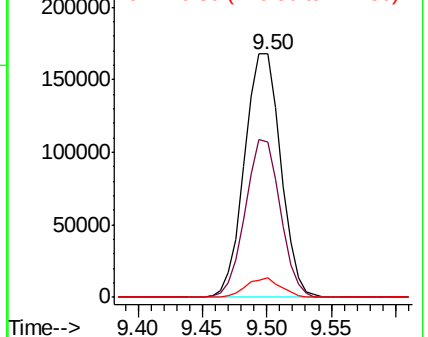
83 100

85 63.7 51.4 77.2

127 8.0 5.4 8.2



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: 145.714 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

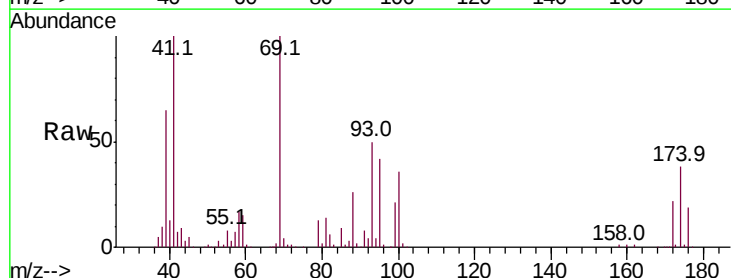
Tgt Ion: 41 Resp: 168569

Ion Ratio Lower Upper

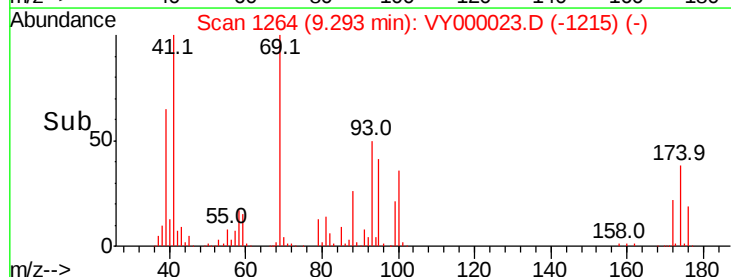
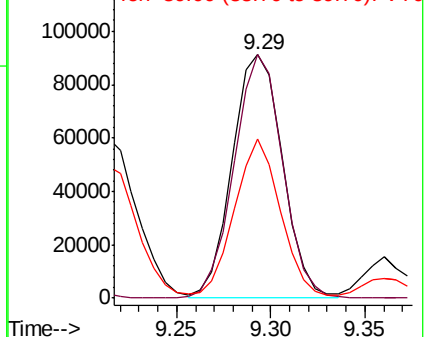
41 100

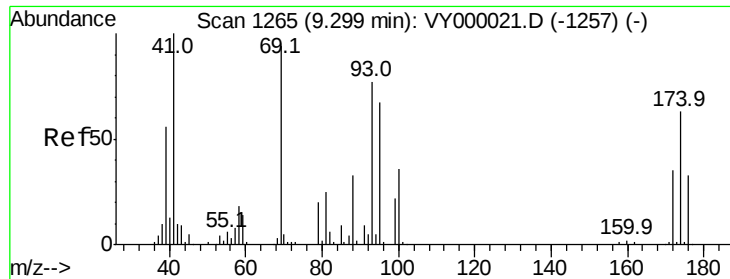
69 96.5 79.7 119.5

39 60.2 48.6 72.8



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

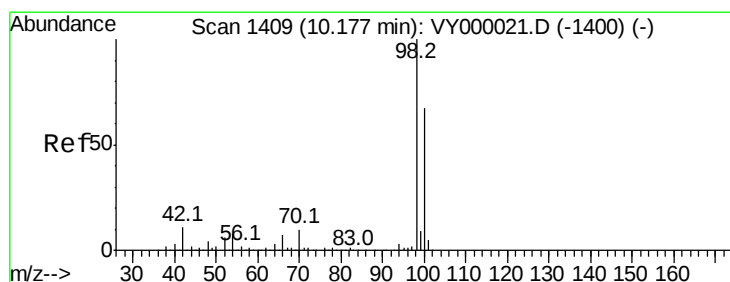
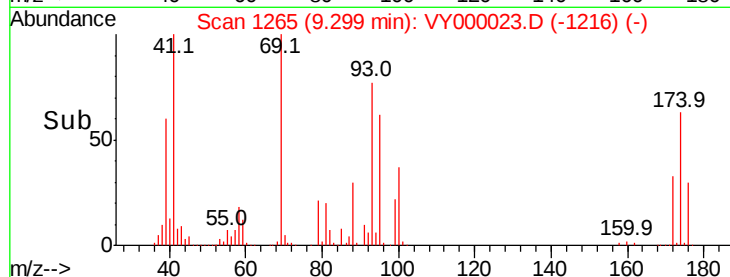
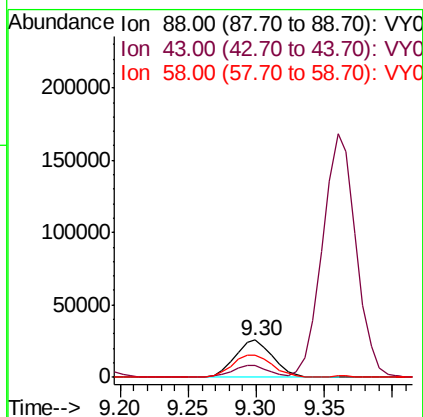
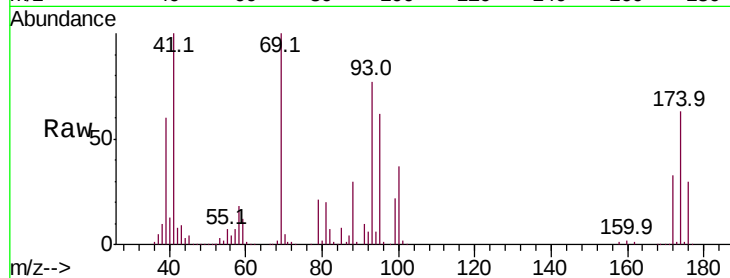




#49
 1,4-Dioxane
 Concen: 2563.921 ug/l
 RT: 9.30 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

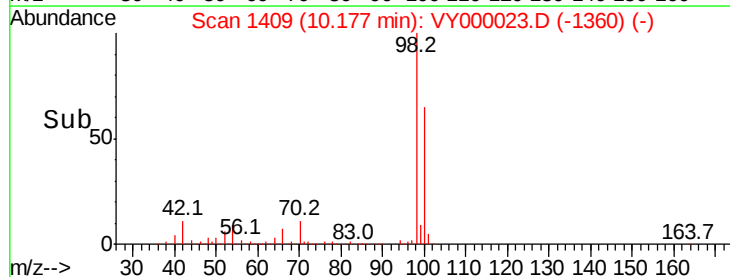
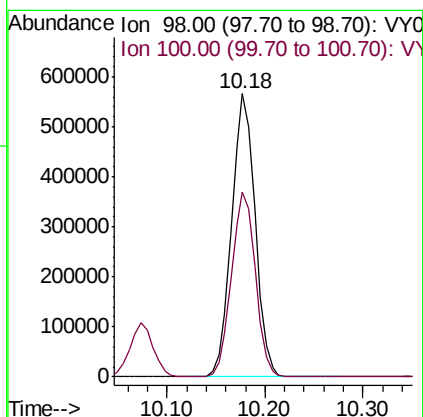
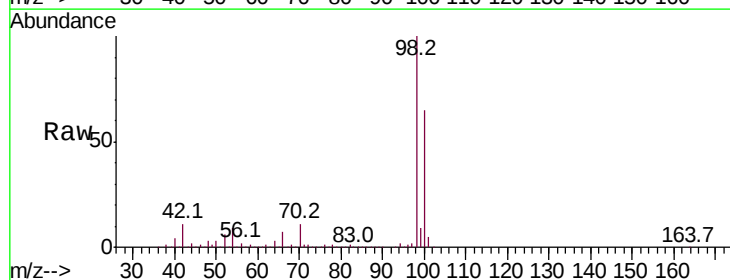
Instrument :
 MSVOA_Y
 ClientSampleId :

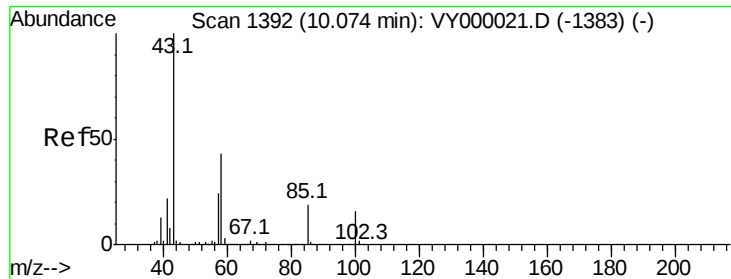
Tot Ion: 88 Resp: 50189
 Ion Ratio Lower Upper
 88 100
 43 30.3 24.6 37.0
 58 64.6 52.7 79.1



#50
 Toluene-d8
 Concen: 148.800 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion: 98 Resp: 939159
 Ion Ratio Lower Upper
 98 100
 100 66.6 54.0 81.0

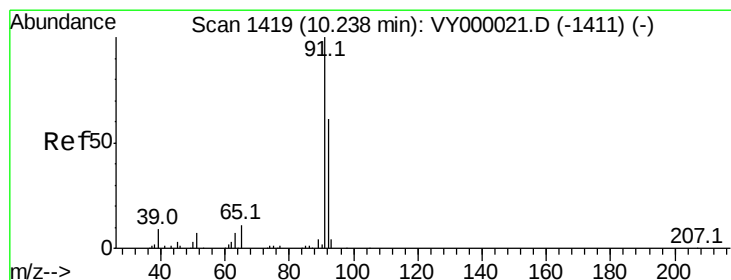
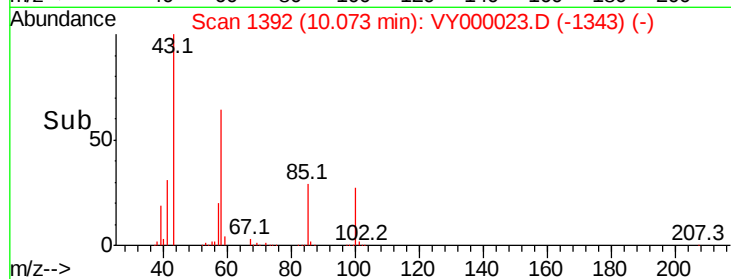
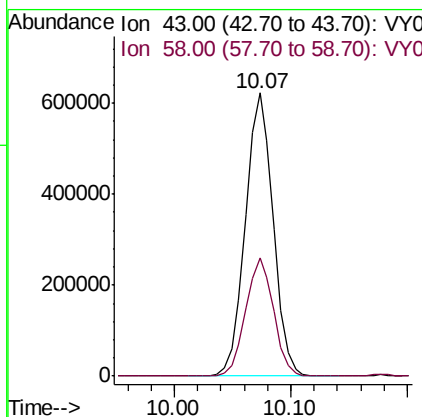
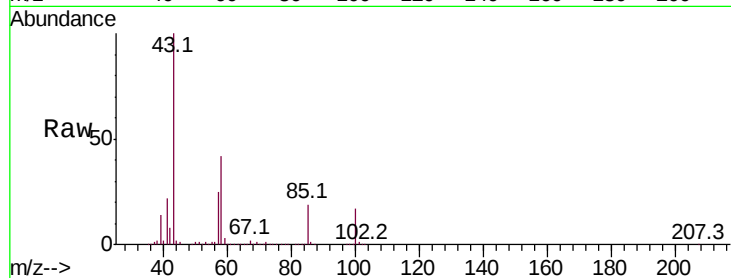




#51
4-Methyl-2-Pentanone
Concen: 702.898 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

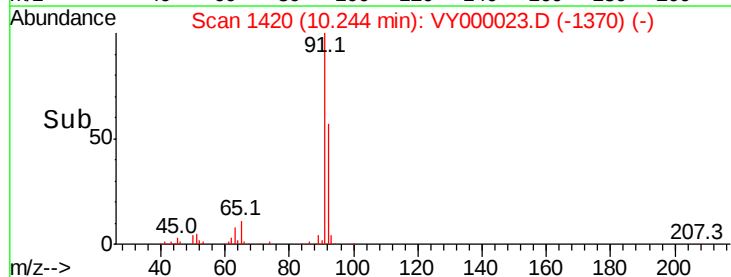
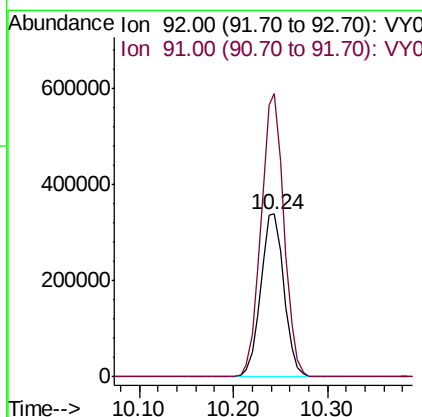
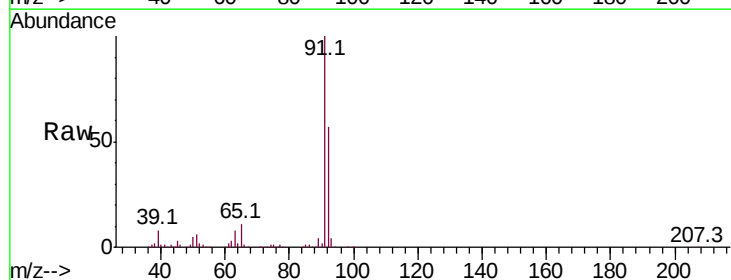
Instrument :
MSVOA_Y
ClientSampleId :

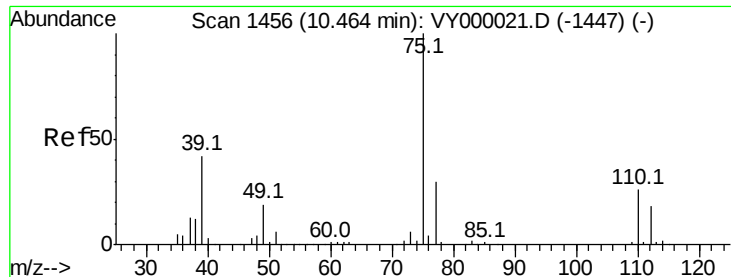
Tot Ion: 43 Resp: 1032553
Ion Ratio Lower Upper
43 100
58 41.8 34.1 51.1



#52
Toluene
Concen: 144.280 ug/l
RT: 10.24 min Scan# 1420
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 92 Resp: 592172
Ion Ratio Lower Upper
92 100
91 170.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 147.883 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

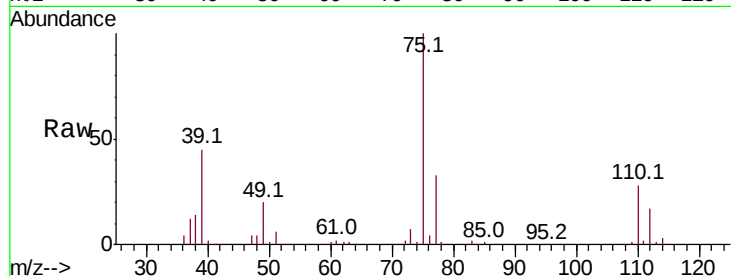
ClientSampleId :

Tot Ion: 75 Resp: 346934

Ion Ratio Lower Upper

75 100

77 32.6 23.8 35.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.46

200000

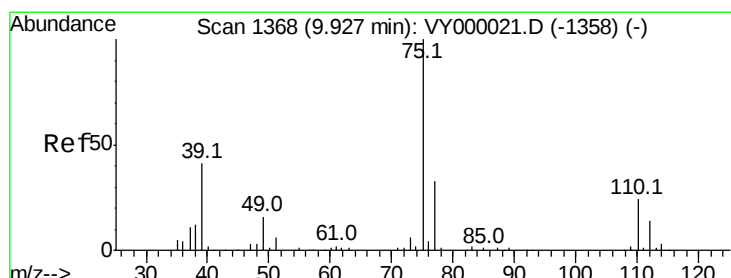
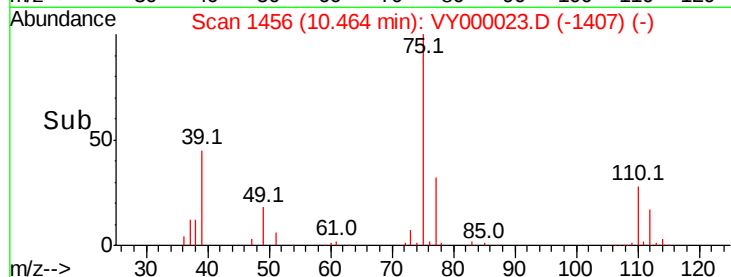
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 143.307 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

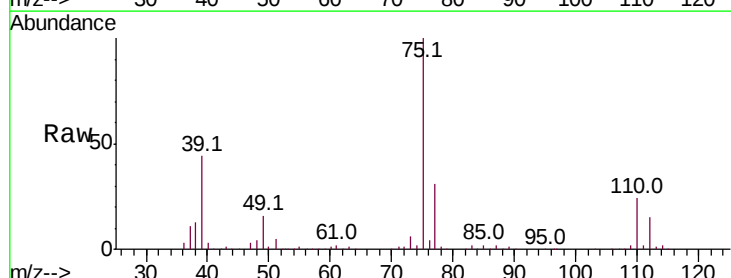
Tgt Ion: 75 Resp: 391205

Ion Ratio Lower Upper

75 100

77 31.0 26.3 39.5

39 43.6 32.9 49.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

300000

250000

200000

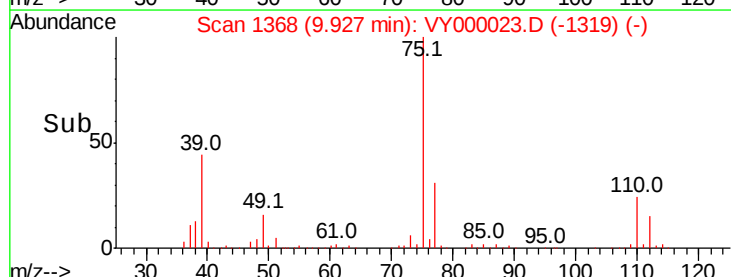
150000

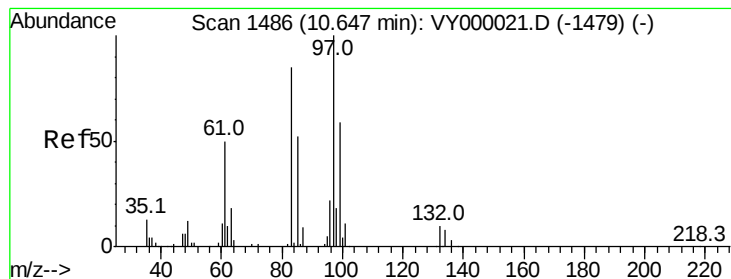
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 142.260 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 210721

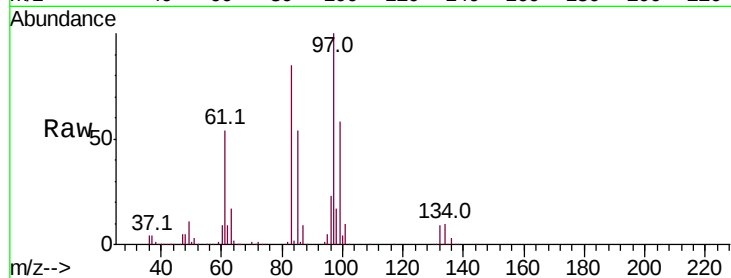
Ion Ratio Lower Upper

97 100

83 84.7 68.2 102.2

85 54.2 41.7 62.5

99 58.2 47.3 70.9

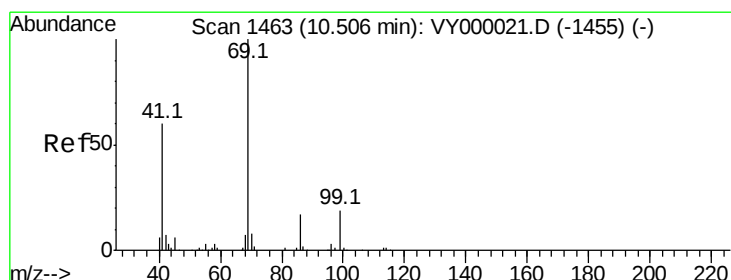
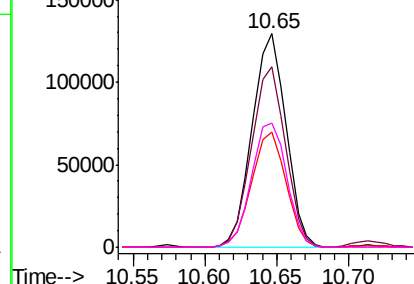
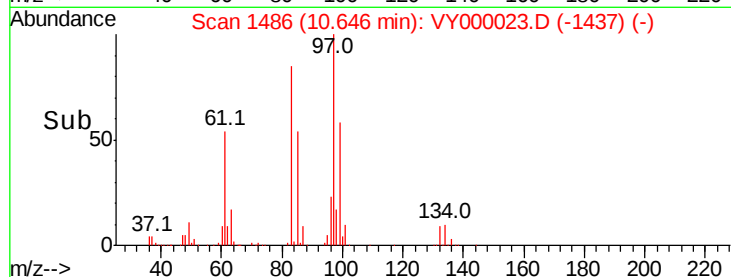


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 144.256 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

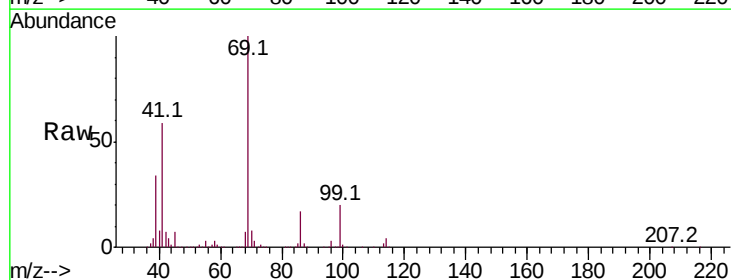
Tgt Ion: 69 Resp: 299879

Ion Ratio Lower Upper

69 100

41 59.0 47.0 70.4

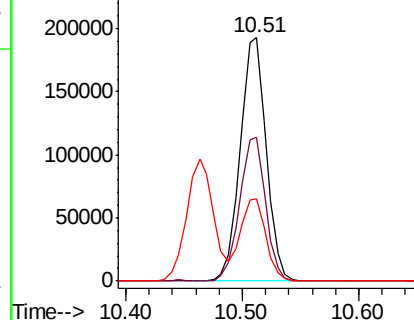
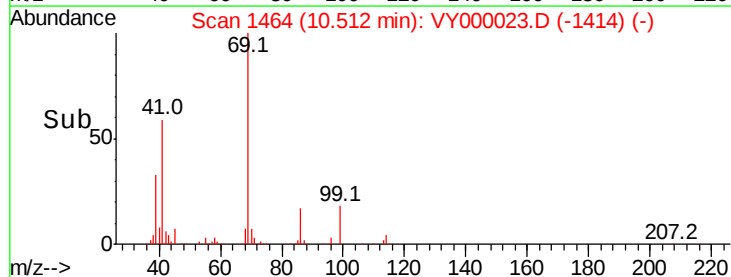
39 33.0 26.4 39.6

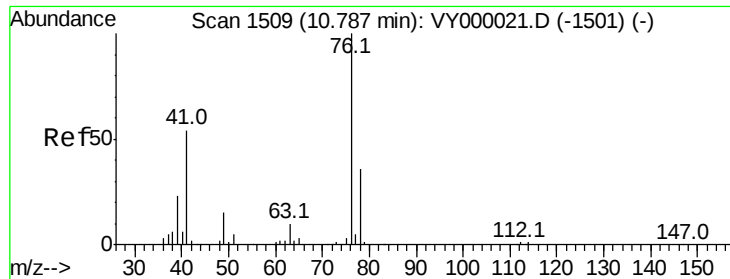


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

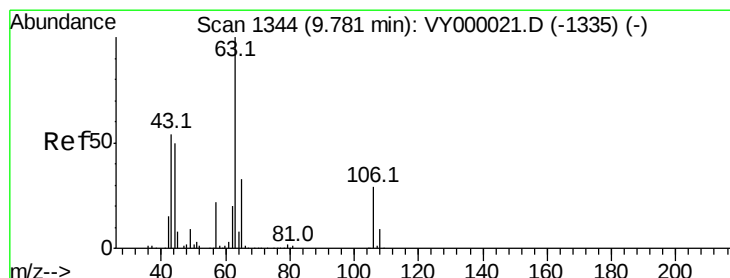
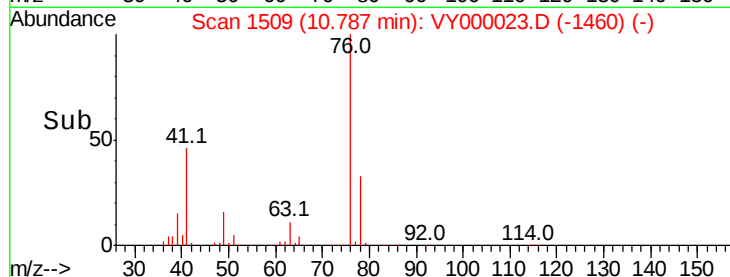
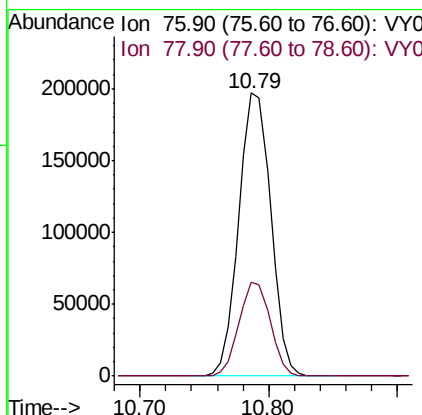
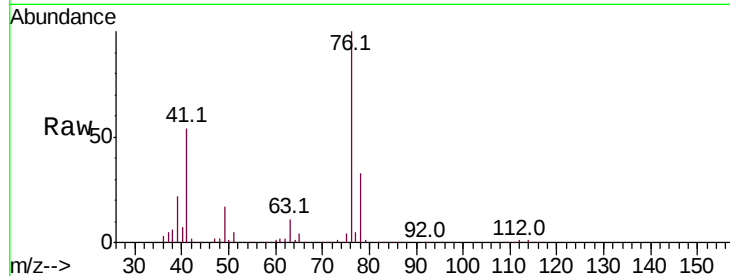




#57
 1,3-Dichloropropane
 Concen: 143.441 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

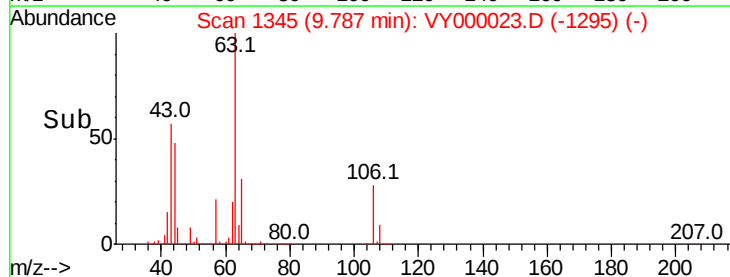
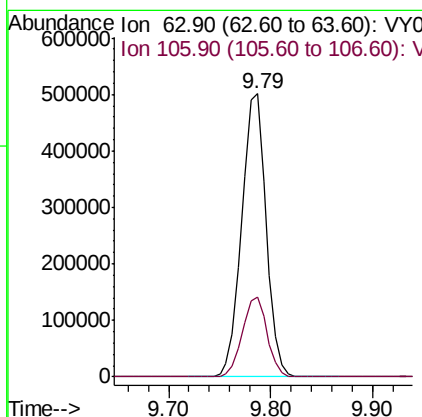
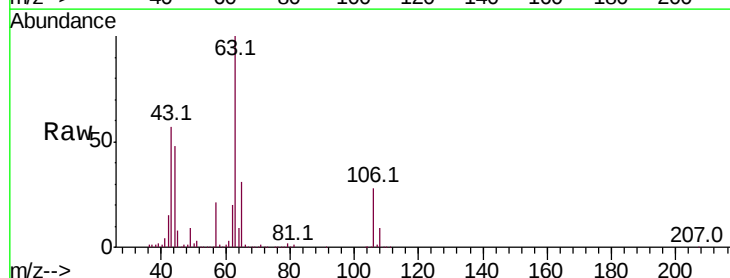
Instrument :
 MSVOA_Y
 ClientSampleId :

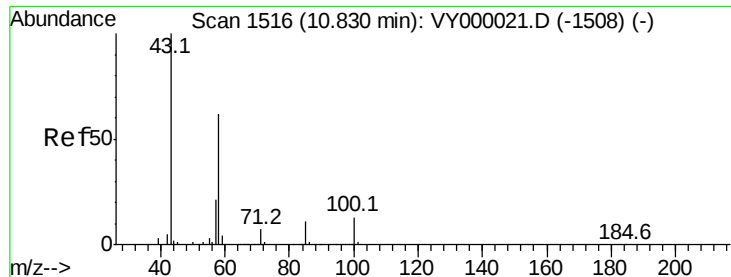
Tot Ion: 76 Resp: 339792
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 729.366 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion: 63 Resp: 830535
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.7 35.5

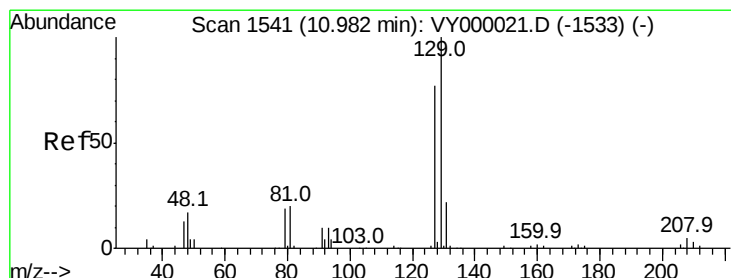
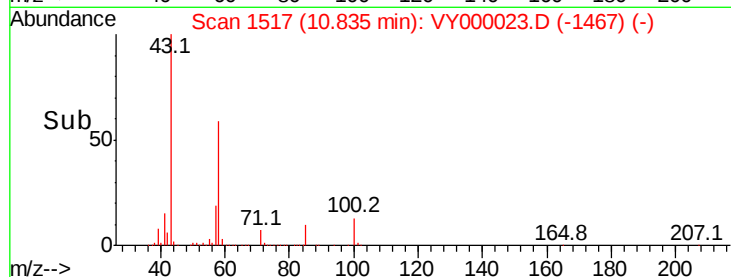
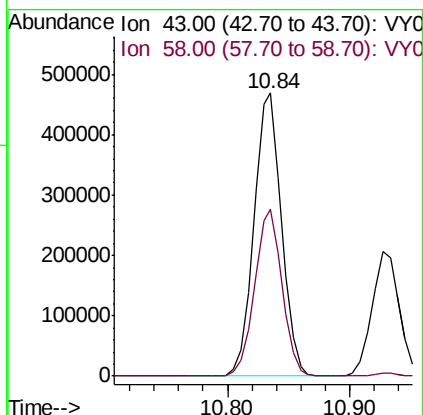
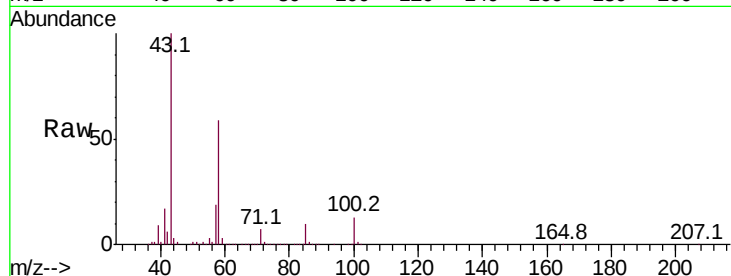




#59
2-Hexanone
Concen: 694.365 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

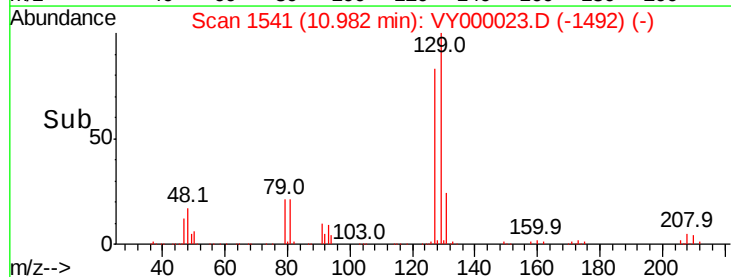
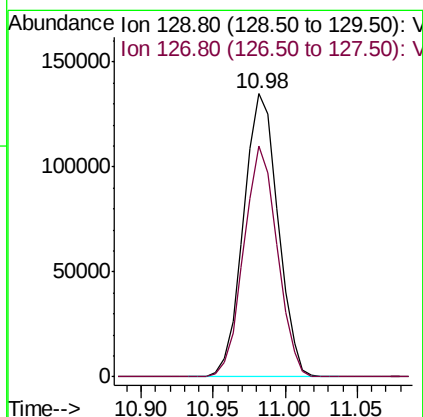
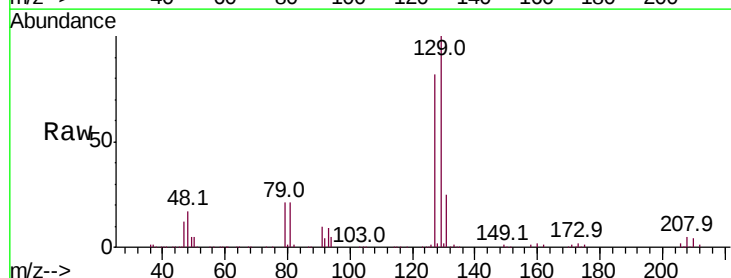
Instrument :
MSVOA_Y
ClientSampled :

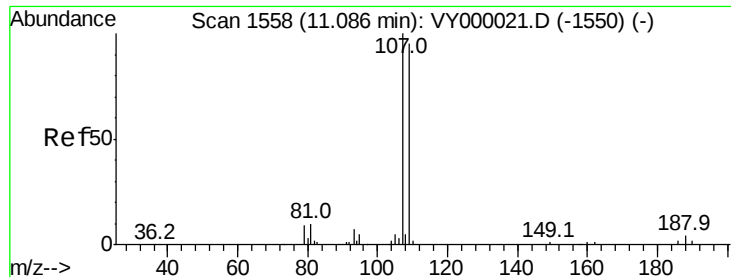
Tot Ion: 43 Resp: 735055
Ion Ratio Lower Upper
43 100
58 58.4 30.3 90.8



#60
Dibromochloromethane
Concen: 143.105 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 129 Resp: 223352
Ion Ratio Lower Upper
129 100
127 79.3 38.4 115.2

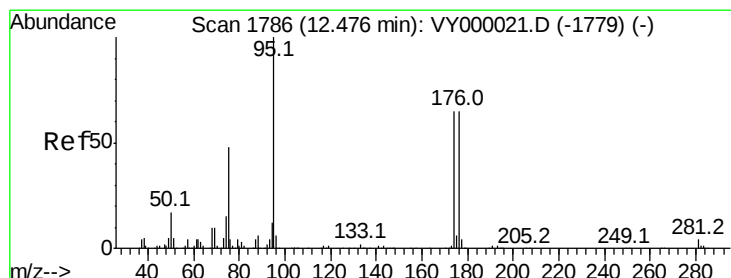
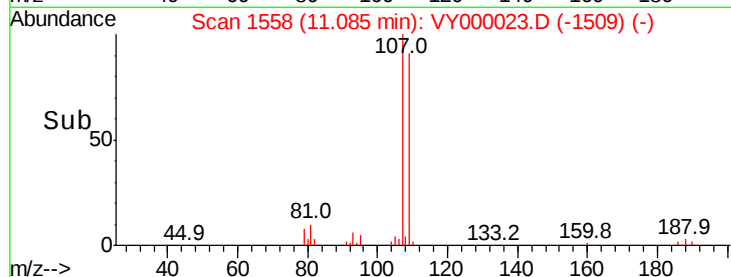
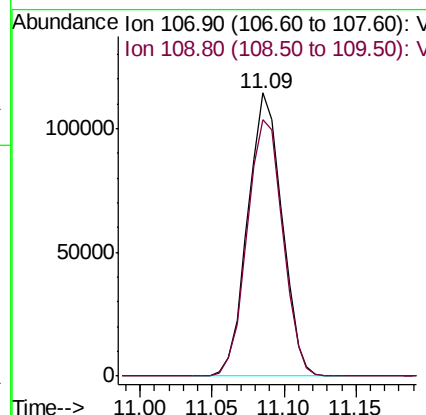
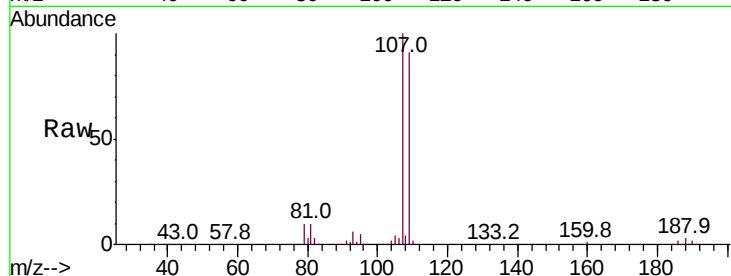




#61
 1,2-Dibromoethane
 Concen: 144.220 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

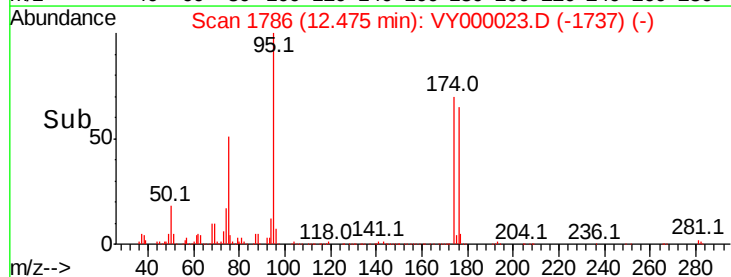
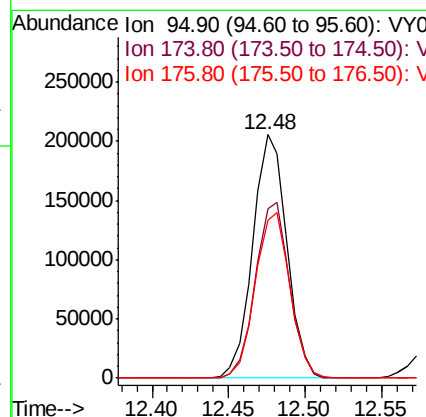
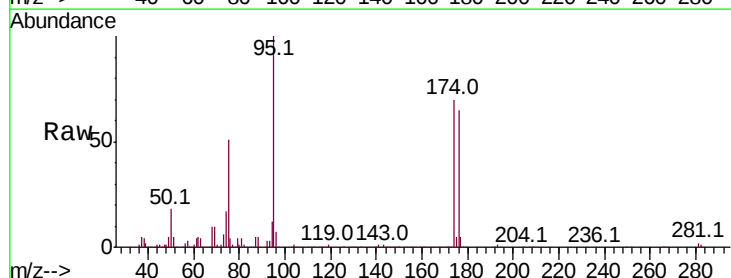
Instrument :
 MSVOA_Y
 ClientSampled :

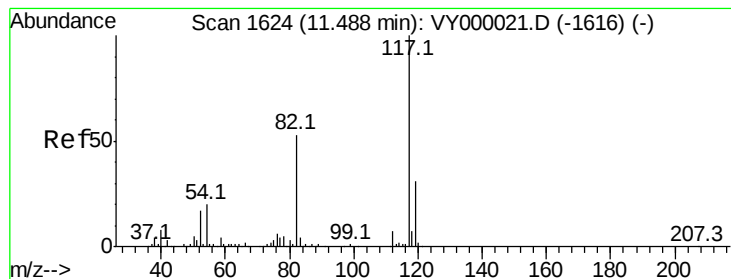
Tot Ion:107 Resp: 188682
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 138.721 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion: 95 Resp: 318230
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 137.6
 176 69.3 0.0 134.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

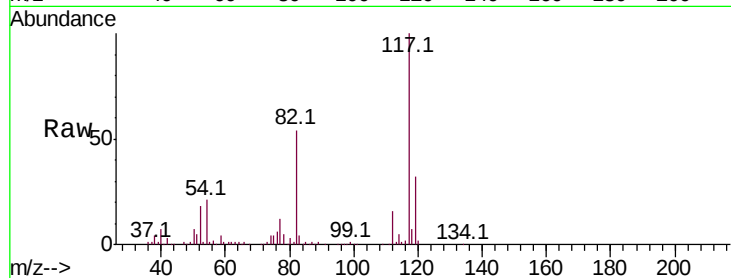
Tot Ion:117 Resp: 232221

Ion Ratio Lower Upper

117 100

82 53.7 42.5 63.7

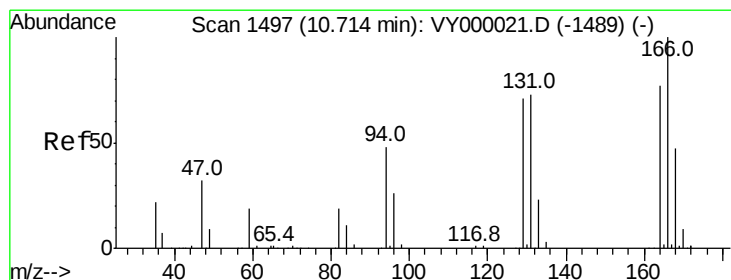
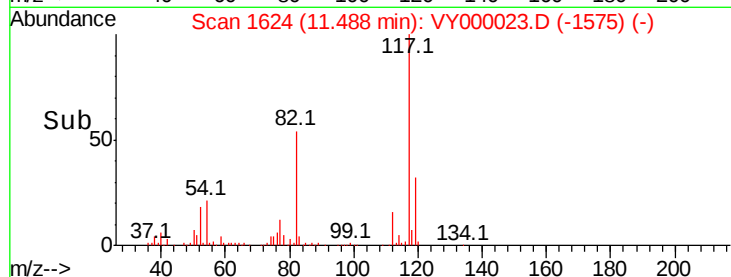
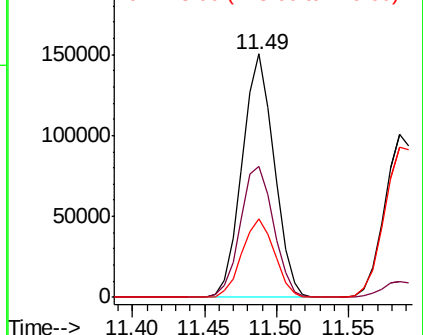
119 32.4 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 138.610 ug/l

RT: 10.71 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion:164 Resp: 197387

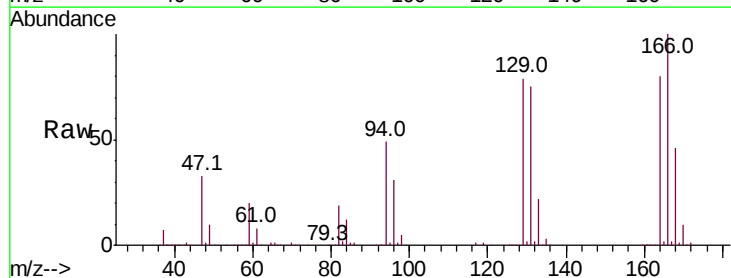
Ion Ratio Lower Upper

164 100

166 124.7 103.4 155.0

129 98.5 73.4 110.0

131 93.4 75.9 113.9

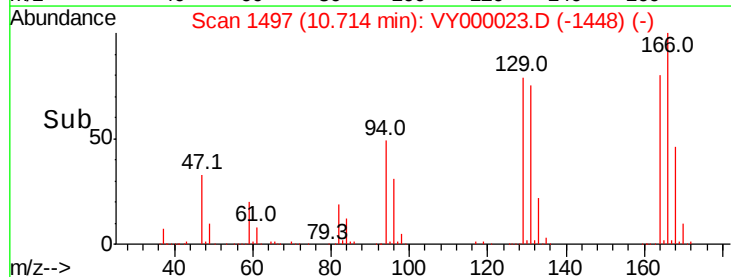
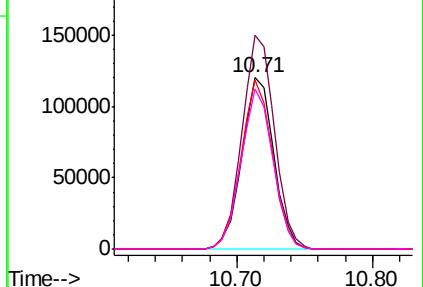


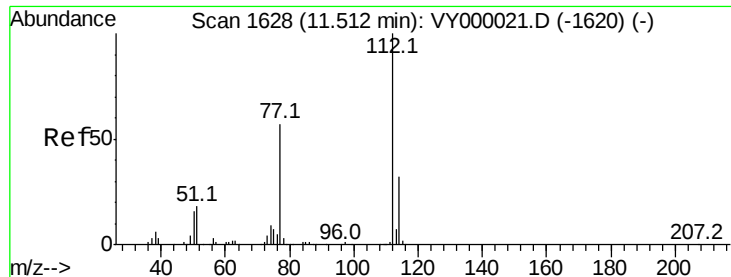
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

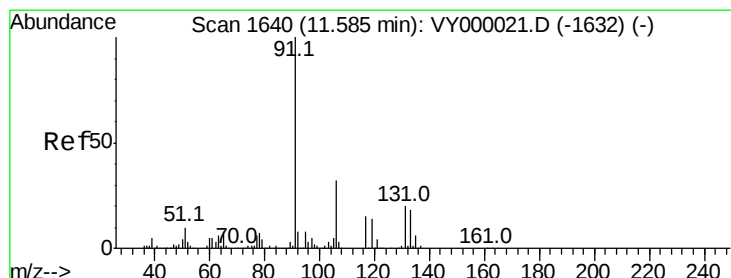
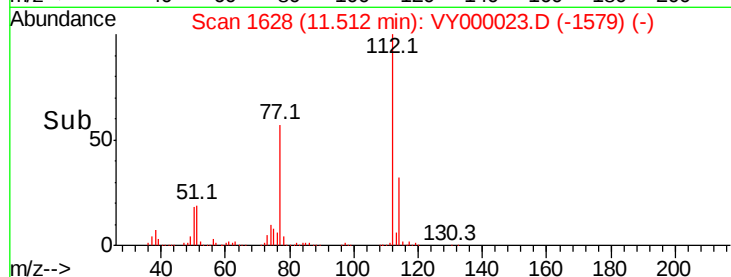
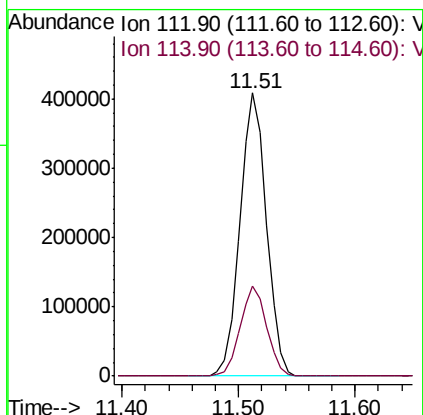
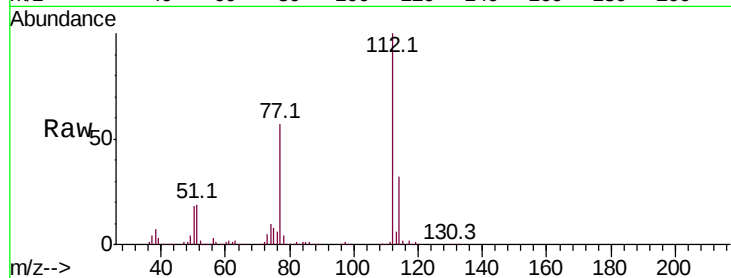




#65
Chlorobenzene
Concen: 146.320 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

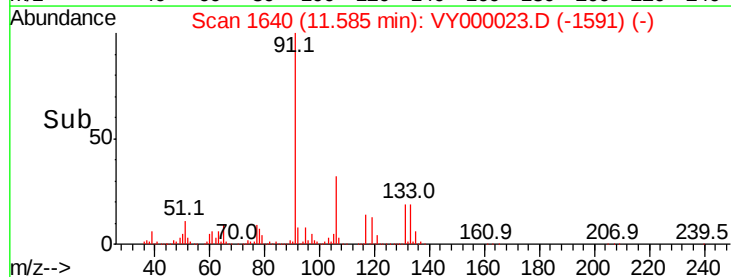
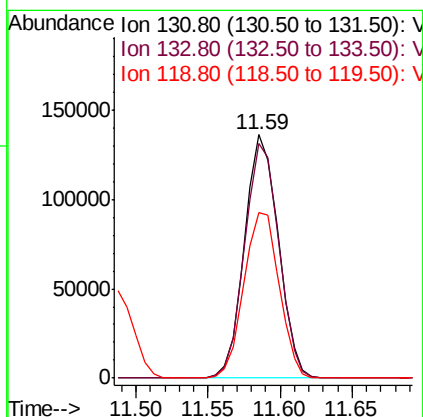
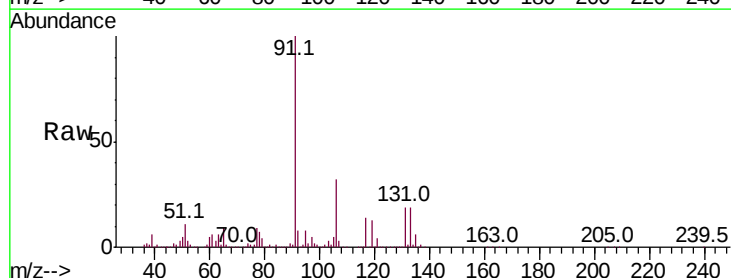
Instrument :
MSVOA_Y
ClientSampleId :

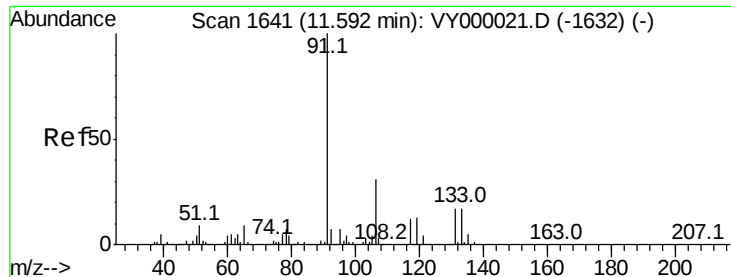
Tot Ion:112 Resp: 647459
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 144.175 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion:131 Resp: 221051
Ion Ratio Lower Upper
131 100
133 97.7 47.2 141.6
119 71.1 35.4 106.3

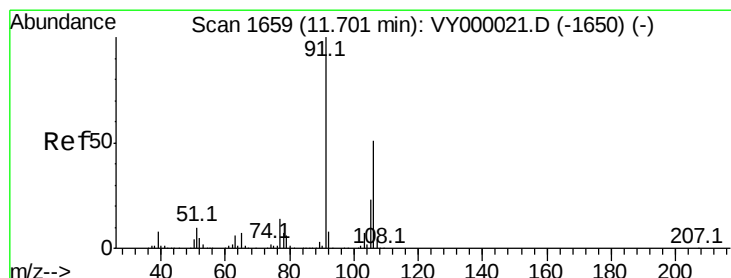
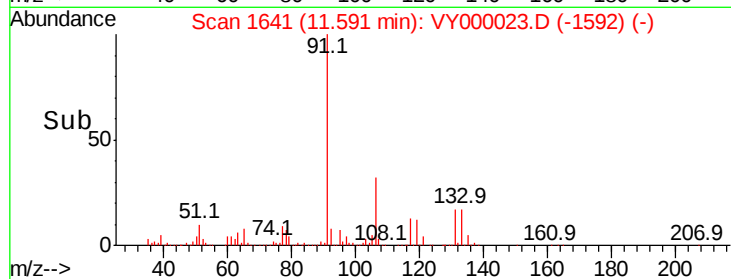
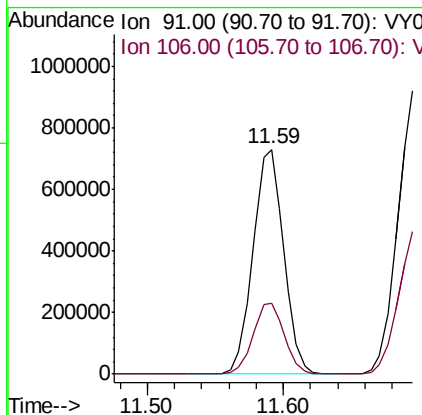
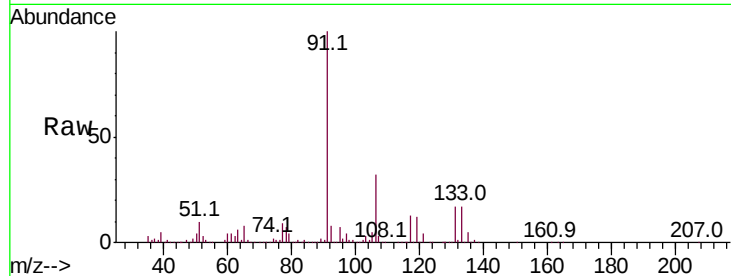




#67
Ethyl Benzene
Concen: 143.663 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

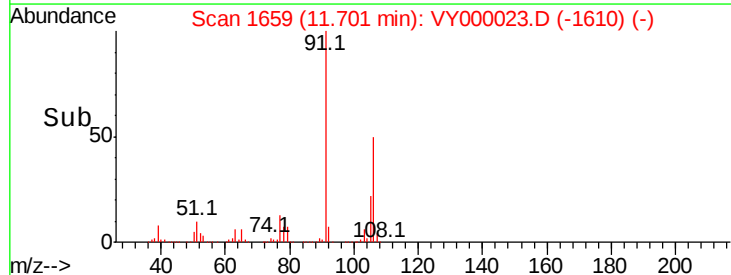
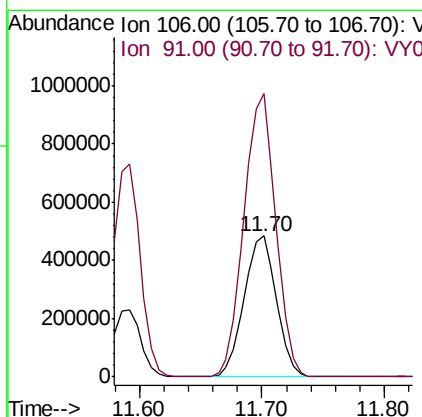
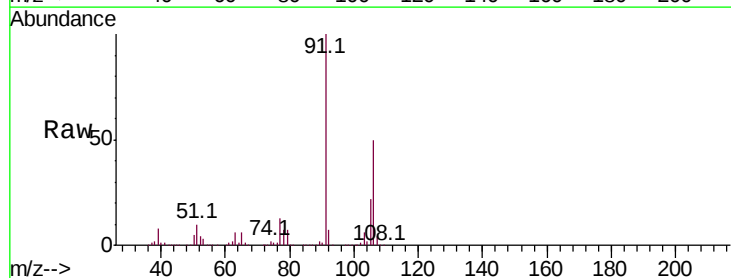
Instrument :
MSVOA_Y
ClientSampleId :

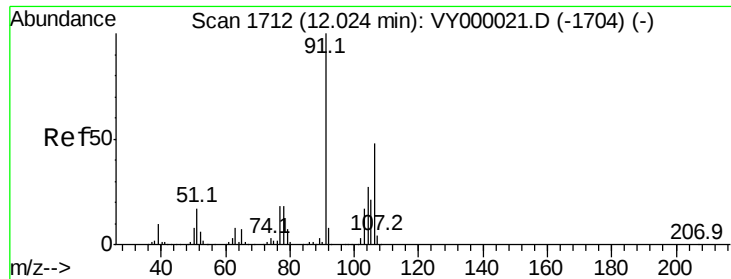
Tot Ion: 91 Resp: 1154869
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#68
m/p-Xylenes
Concen: 292.407 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion:106 Resp: 887012
Ion Ratio Lower Upper
106 100
91 198.7 158.5 237.7

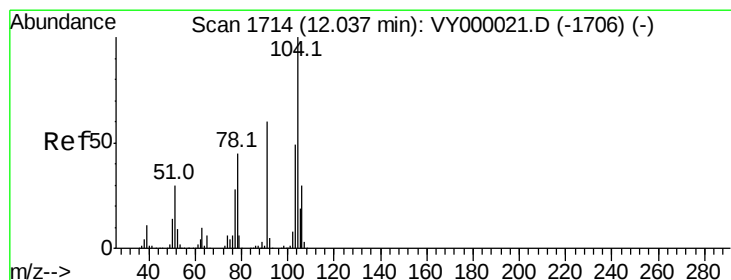
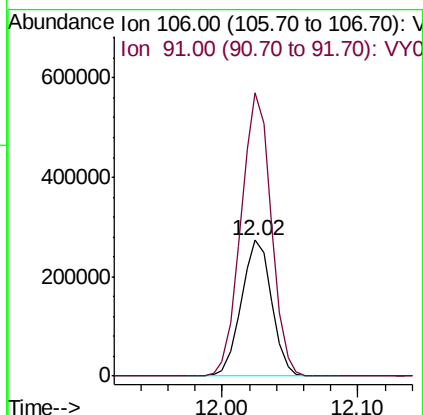
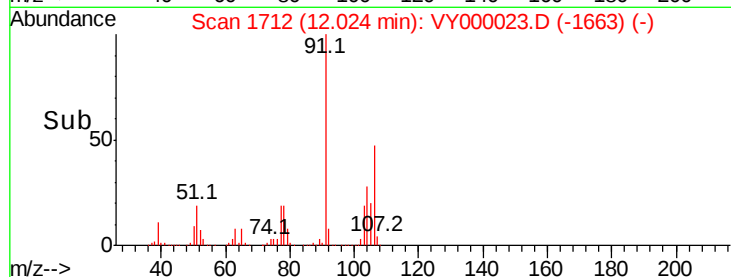
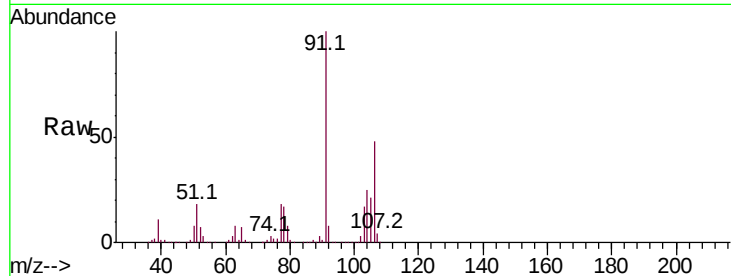




#69
o-Xylene
Concen: 143.036 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

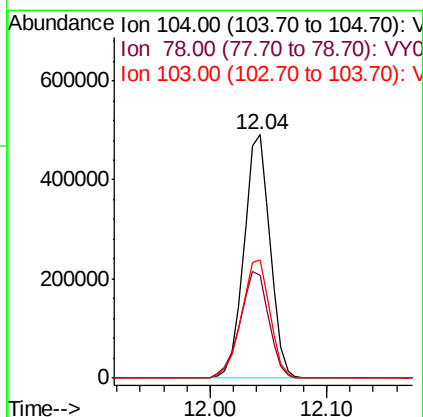
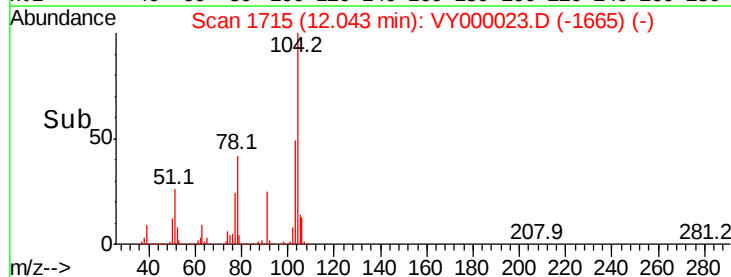
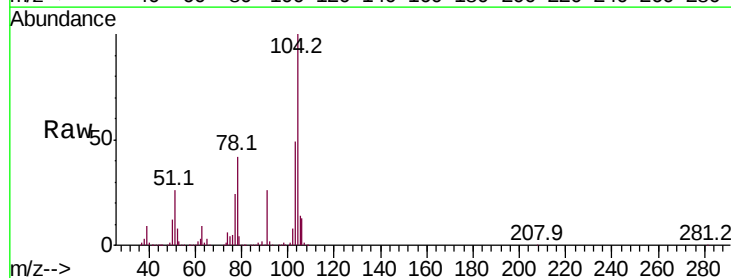
Instrument :
MSVOA_Y
ClientSampleId :

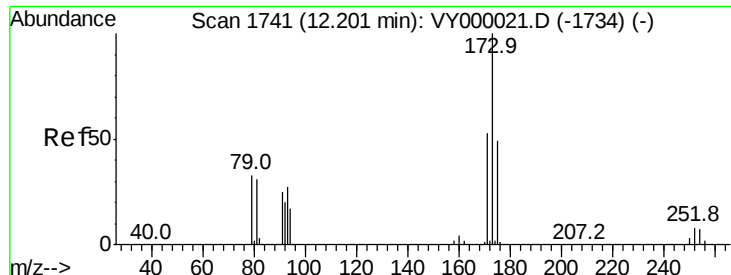
Tot Ion:106 Resp: 425256
Ion Ratio Lower Upper
106 100
91 207.7 104.0 312.0



#70
Styrene
Concen: 148.312 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion:104 Resp: 767052
Ion Ratio Lower Upper
104 100
78 48.1 38.0 57.0
103 53.0 42.4 63.6





#71

Bromoform

Concen: 147.318 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampled :

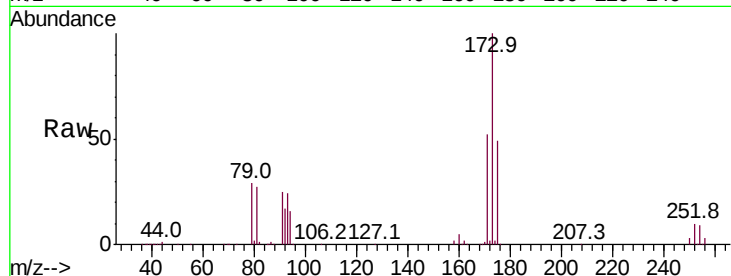
Tot Ion:173 Resp: 136380

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.4

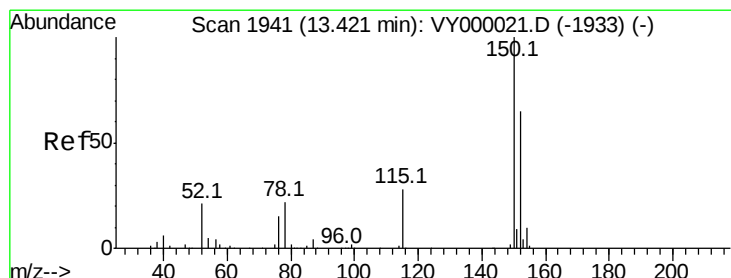
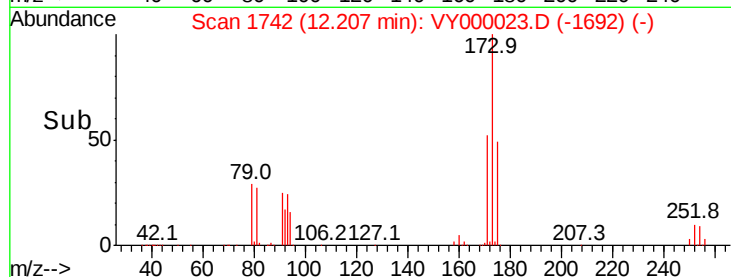
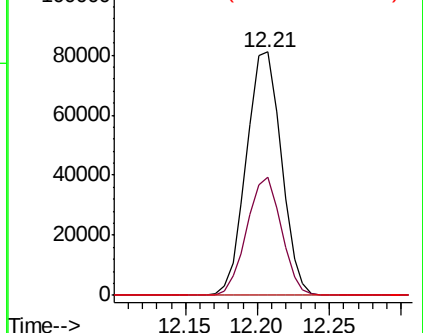
254 0.1 0.0 0.0#



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# 1941

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

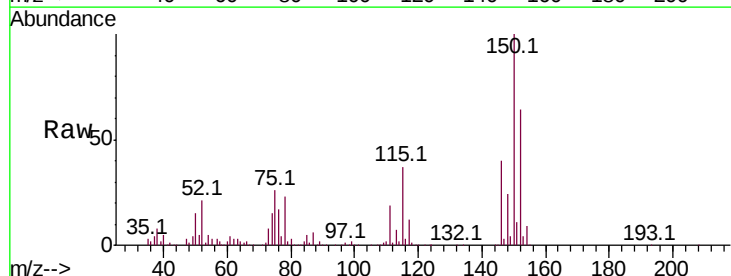
Tgt Ion:152 Resp: 104585

Ion Ratio Lower Upper

152 100

115 59.3 29.4 88.2

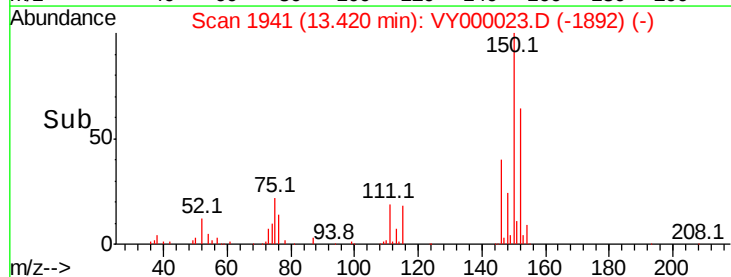
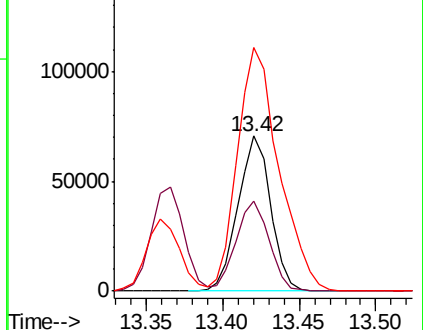
150 199.4 0.0 349.0

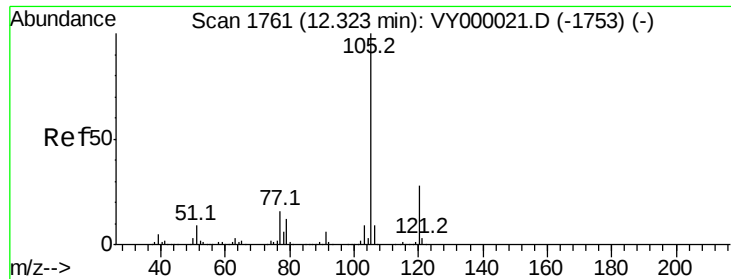


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 143.817 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

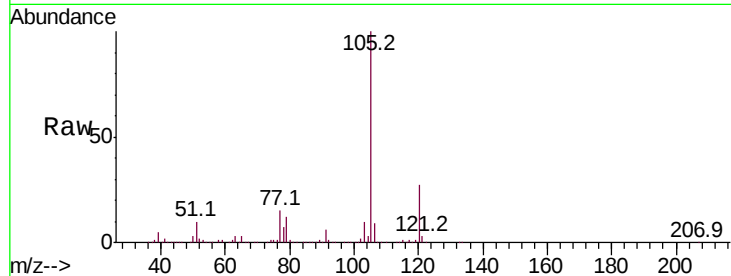
ClientSampleId :

Tot Ion:105 Resp: 1149252

Ion Ratio Lower Upper

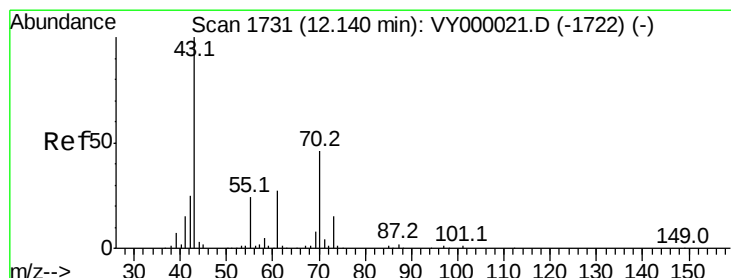
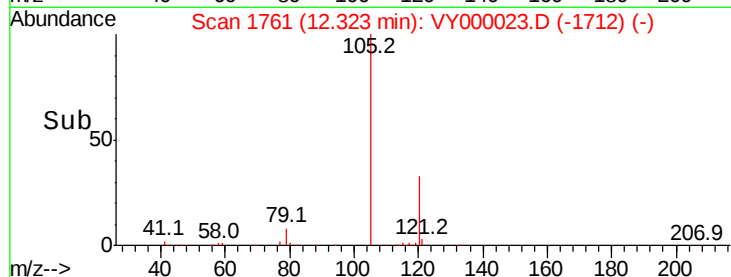
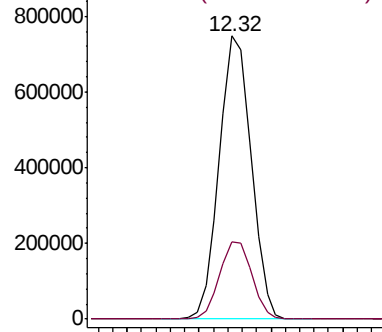
105 100

120 27.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 147.174 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion: 43 Resp: 347164

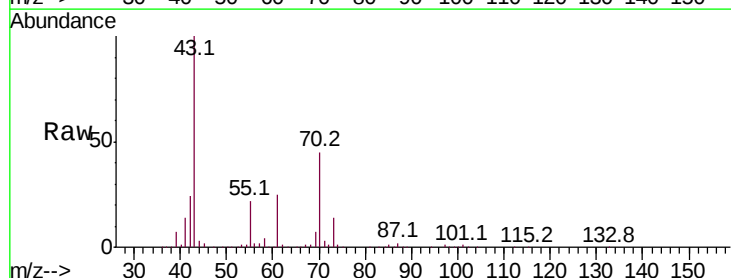
Ion Ratio Lower Upper

43 100

70 45.9 38.1 57.1

55 23.3 18.7 28.1

61 26.2 22.1 33.1

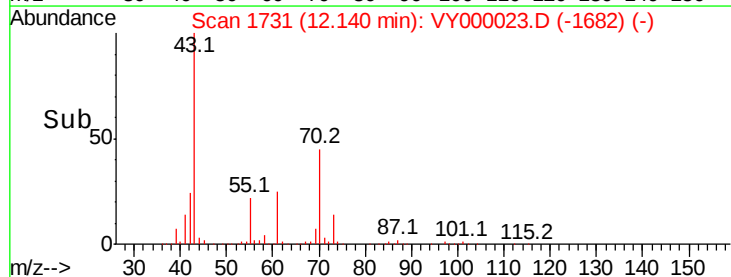
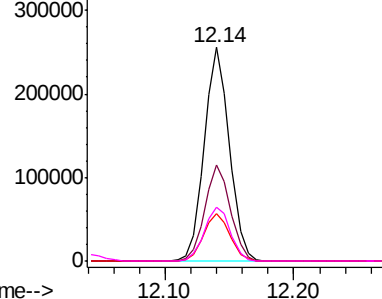


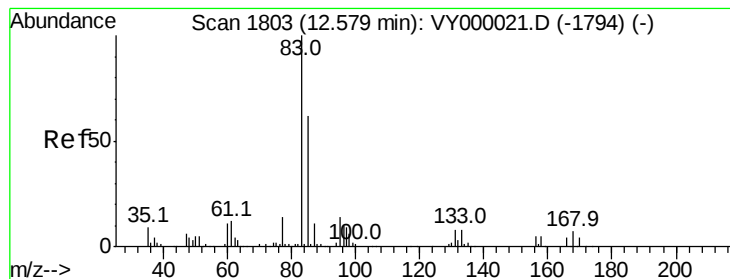
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 139.727 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

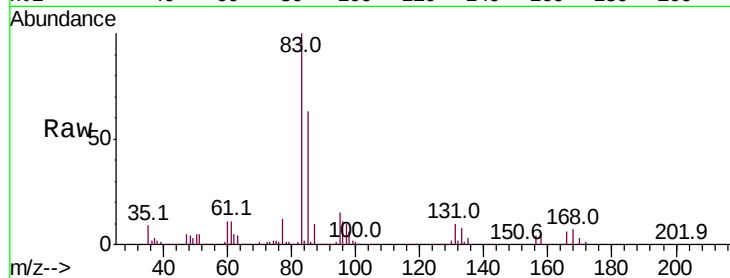
Tot Ion: 83 Resp: 266963

Ion Ratio Lower Upper

83 100

131 9.6 4.6 13.8

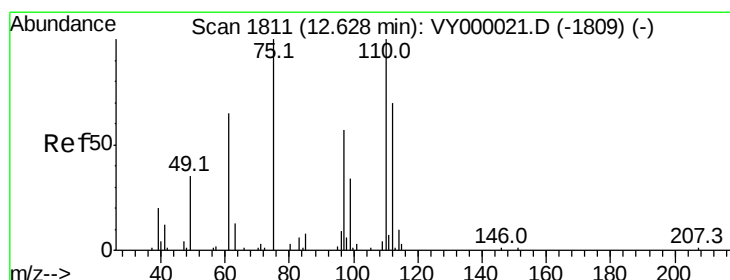
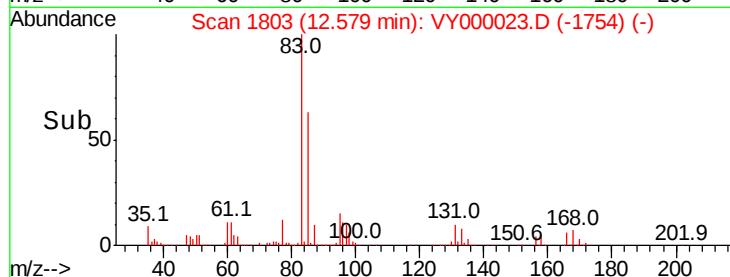
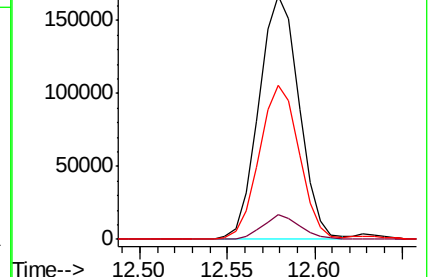
85 62.9 31.8 95.3



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: 150.136 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VY000023.D

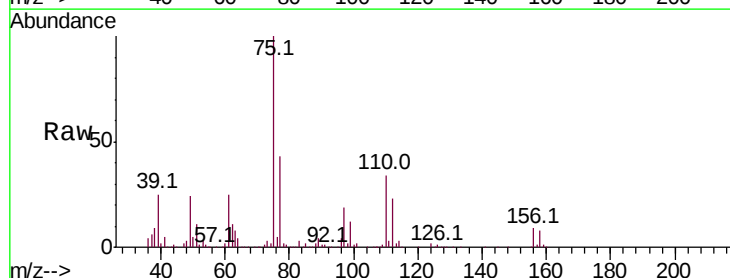
Acq: 12 Sep 2019 13:16

Tgt Ion: 75 Resp: 348267

Ion Ratio Lower Upper

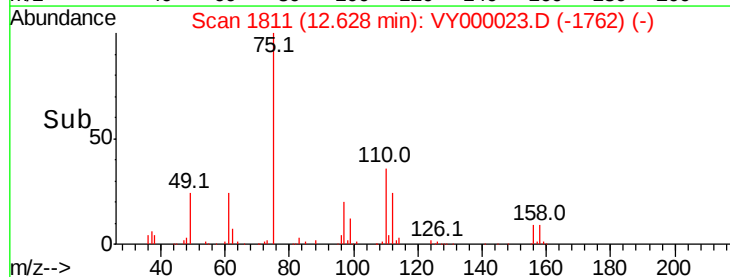
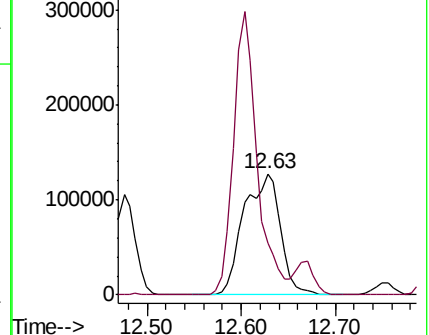
75 100

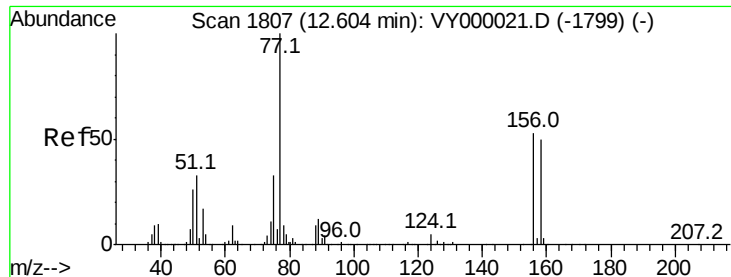
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 141.615 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

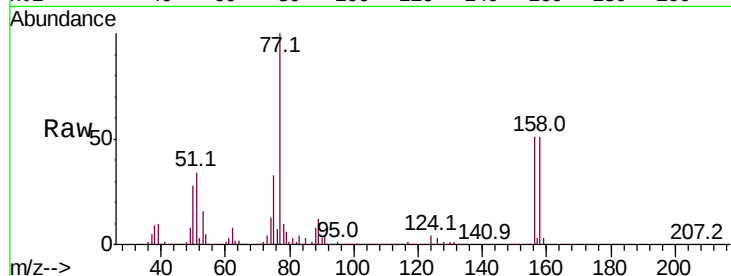
Tot Ion:156 Resp: 239387

Ion Ratio Lower Upper

156 100

77 218.8 106.0 317.9

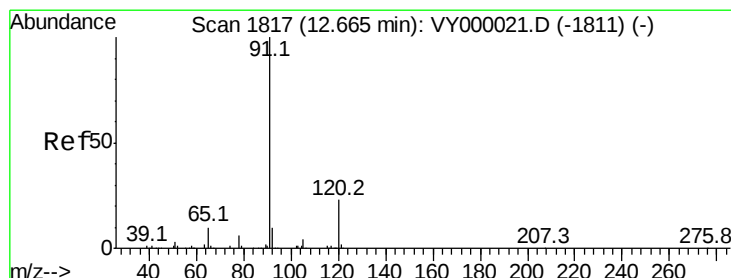
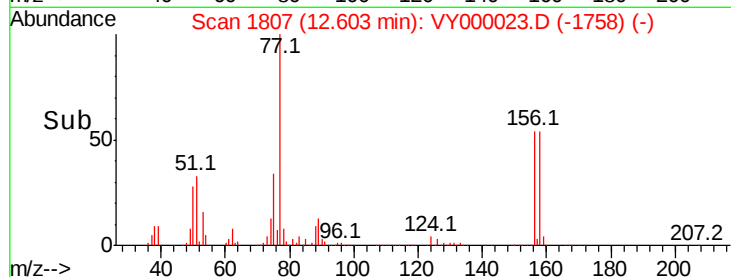
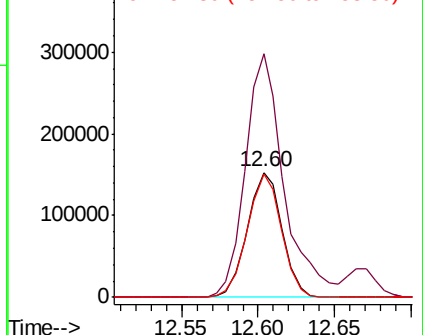
158 97.6 47.3 141.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VY0

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 142.975 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000023.D

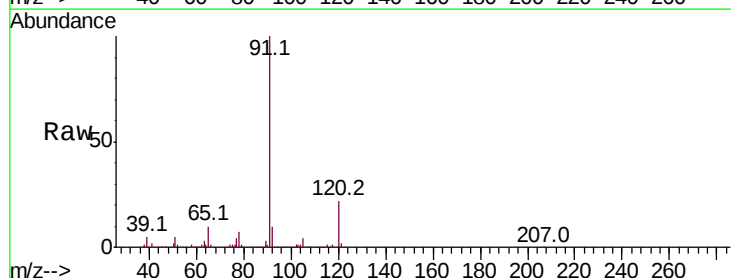
Acq: 12 Sep 2019 13:16

Tgt Ion: 91 Resp: 1396255

Ion Ratio Lower Upper

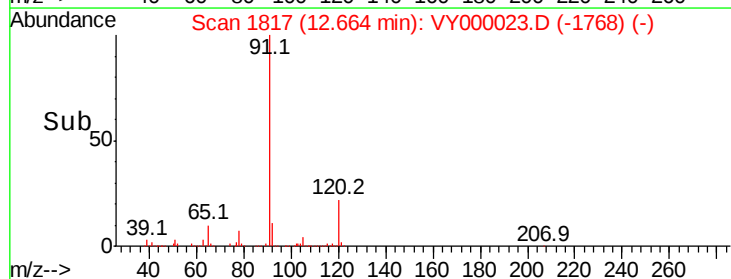
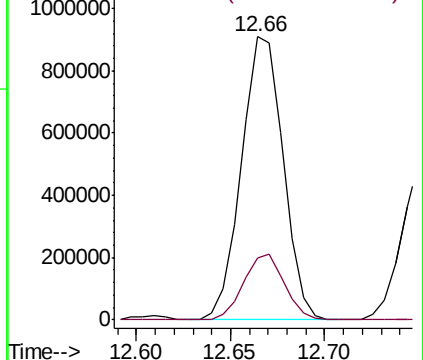
91 100

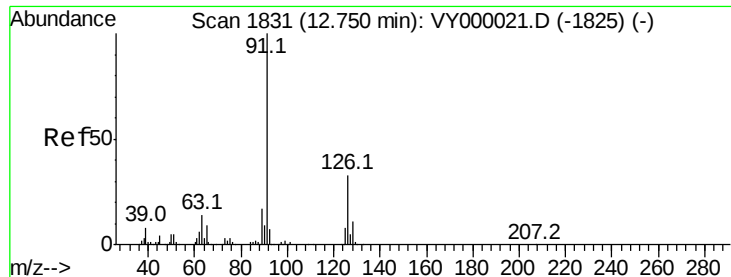
120 22.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.30): VY0

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 140.908 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

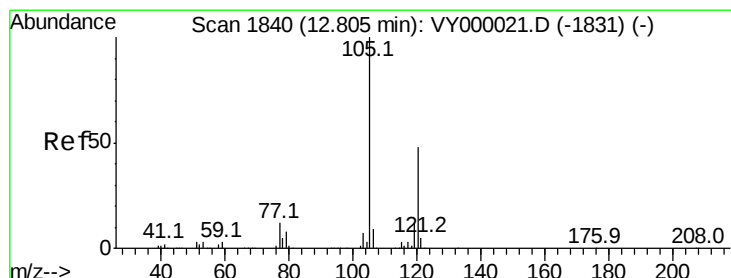
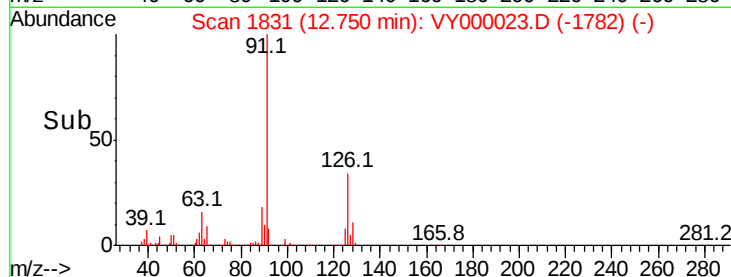
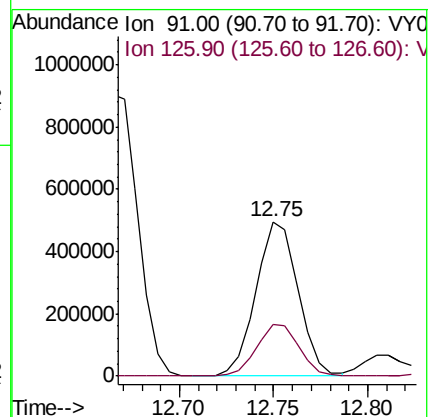
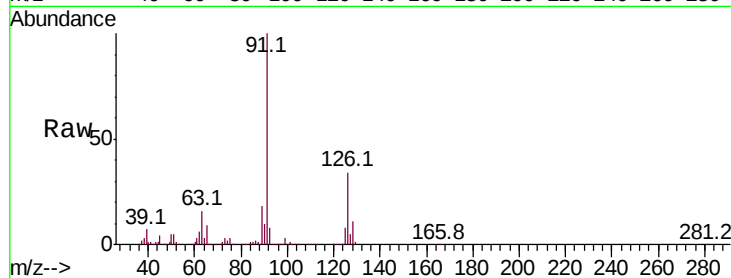
ClientSampled :

Tot Ion: 91 Resp: 769472

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 141.751 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. -0.00 min

Lab File: VY000023.D

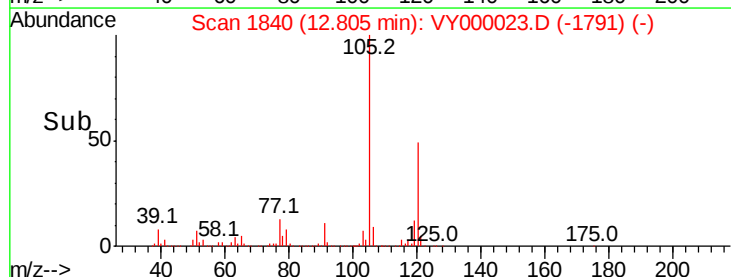
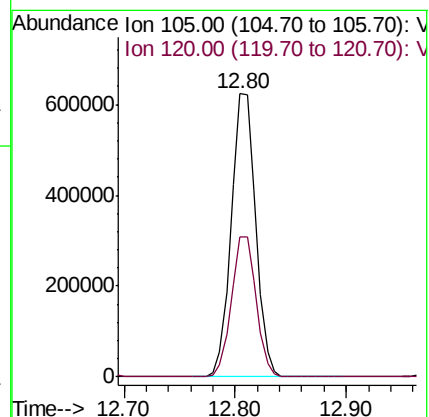
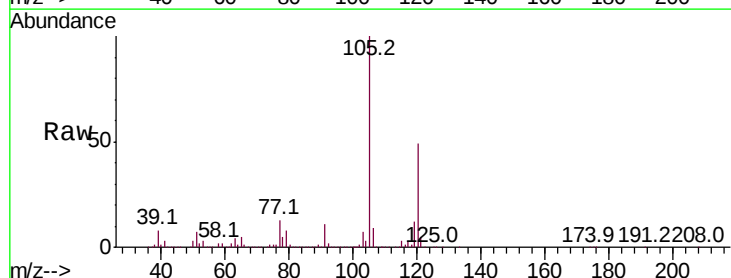
Acq: 12 Sep 2019 13:16

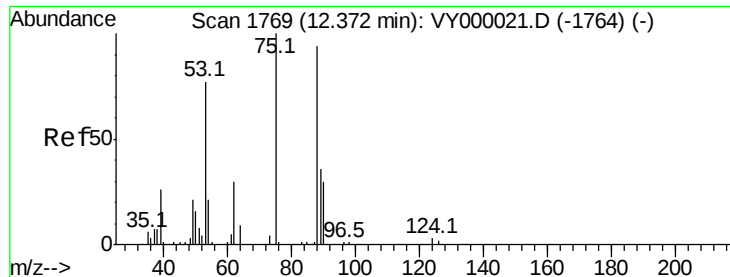
Tgt Ion:105 Resp: 945804

Ion Ratio Lower Upper

105 100

120 50.1 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 140.096 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

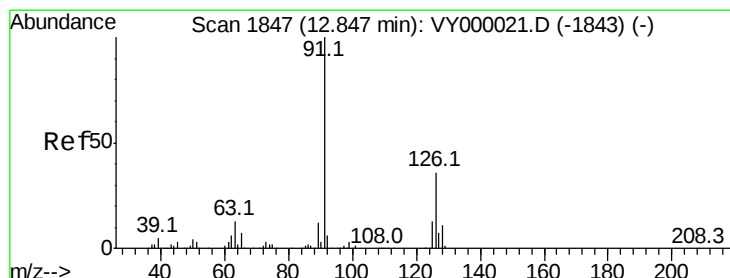
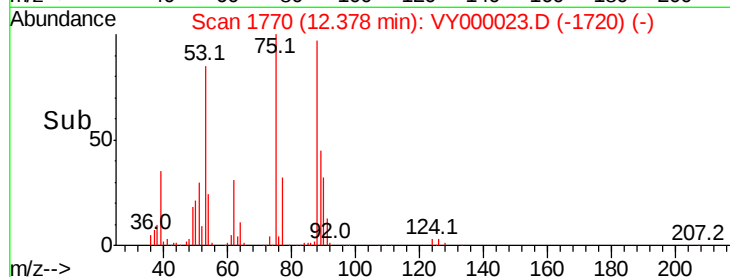
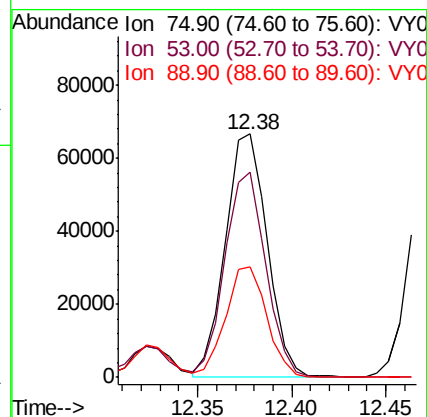
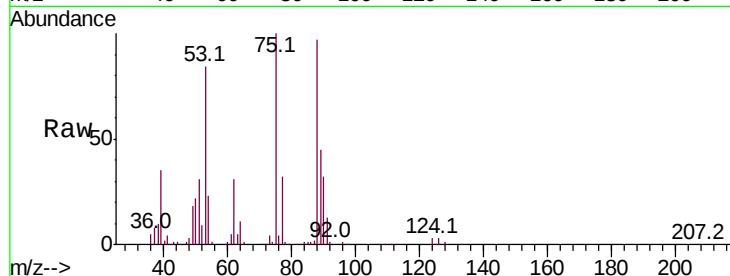
Tot Ion: 75 Resp: 102598

Ion Ratio Lower Upper

75 100

53 82.8 64.2 96.2

89 44.8 35.5 53.3



#82

4-Chlorotoluene

Concen: 140.460 ug/l

RT: 12.85 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VY000023.D

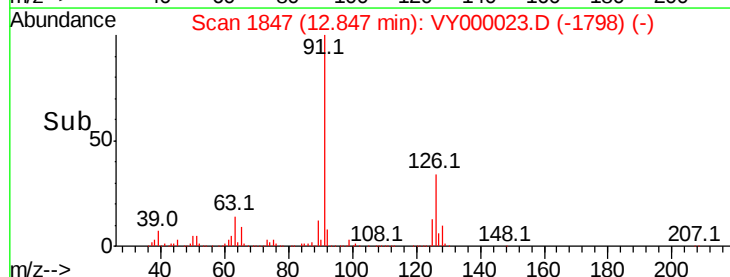
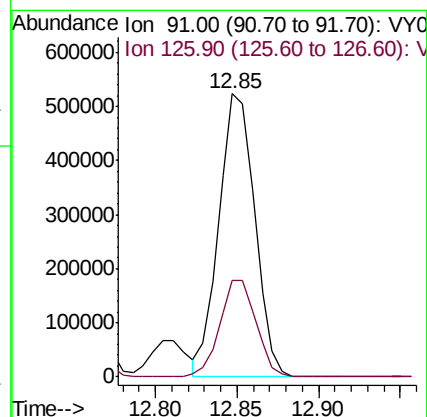
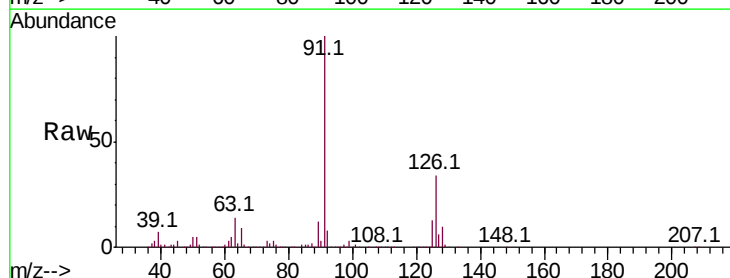
Acq: 12 Sep 2019 13:16

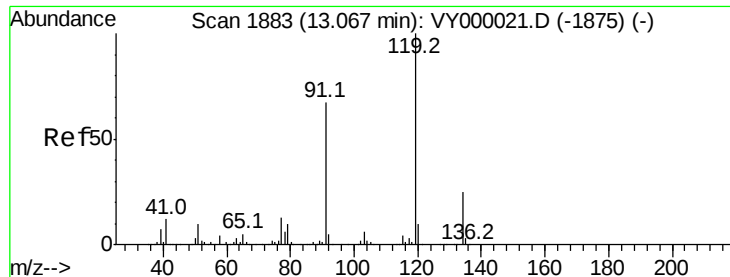
Tgt Ion: 91 Resp: 805013

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5

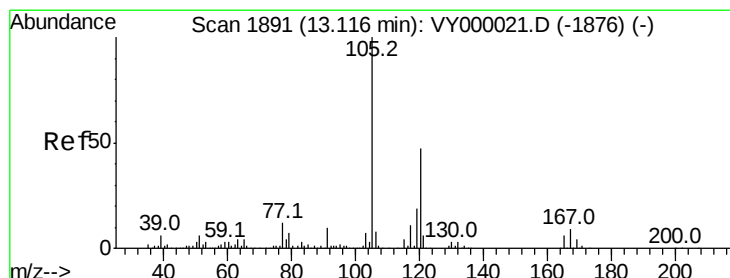
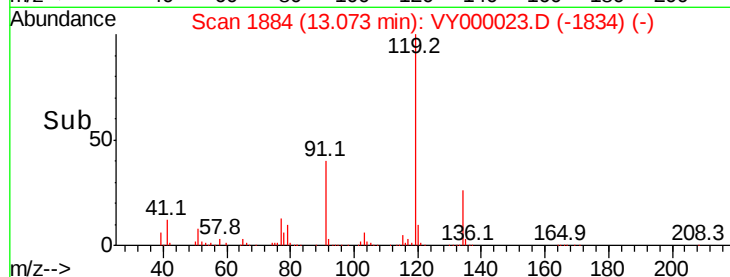
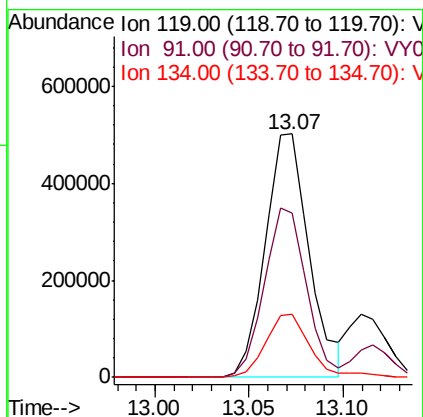
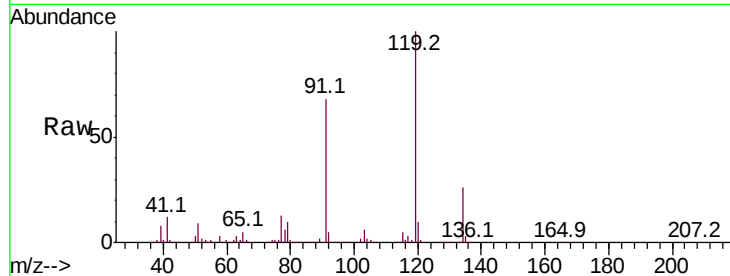




#83
tert-Butylbenzene
Concen: 141.641 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

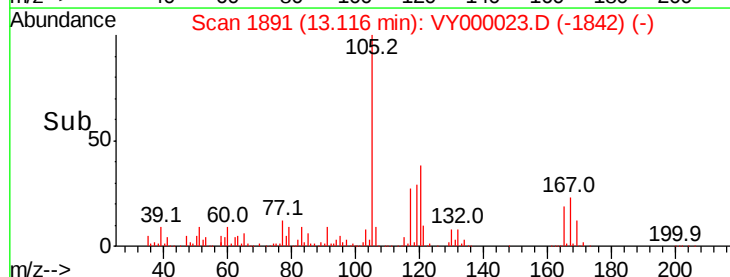
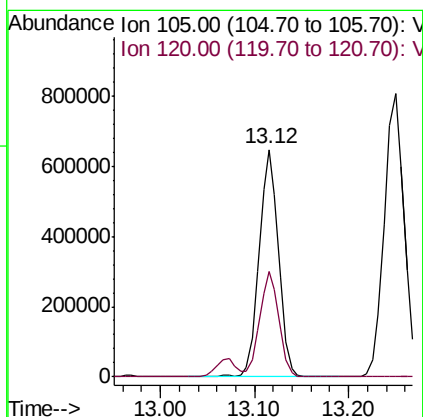
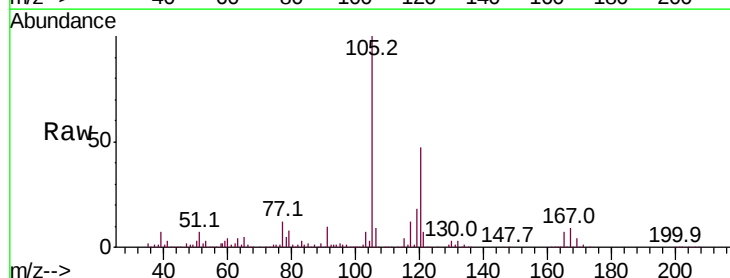
Instrument :
MSVOA_Y
ClientSampleId :

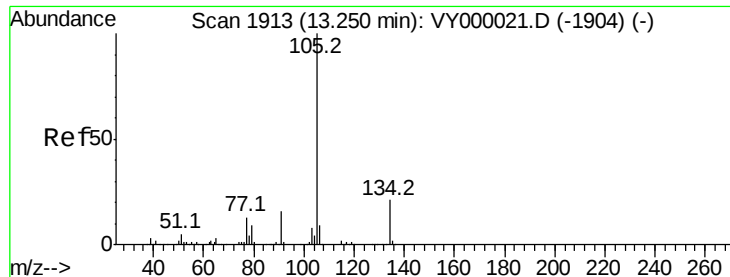
Tot Ion:119 Resp: 812034
Ion Ratio Lower Upper
119 100
91 66.6 33.1 99.5
134 26.2 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 142.161 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion:105 Resp: 936979
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 139.937 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

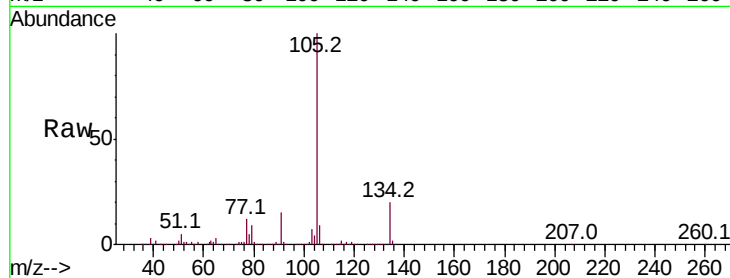
ClientSampled :

Tot Ion:105 Resp: 1183981

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

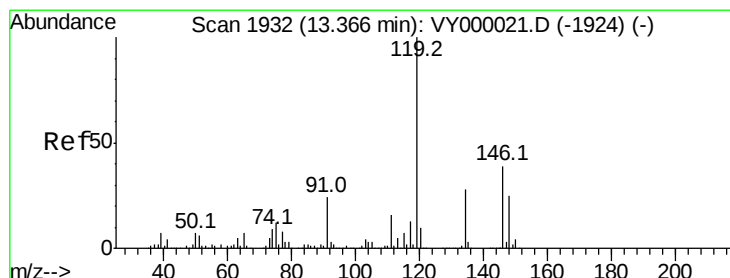
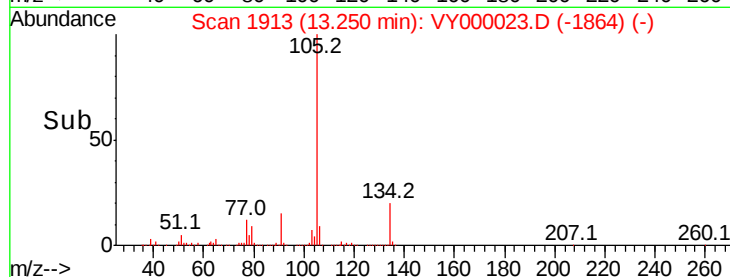
600000

400000

200000

0

Time--> 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 139.513 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

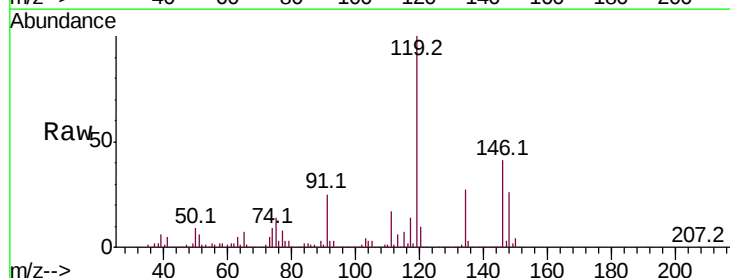
Tgt Ion:119 Resp: 1001333

Ion Ratio Lower Upper

119 100

134 26.9 13.8 41.3

91 25.2 12.4 37.2



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

800000

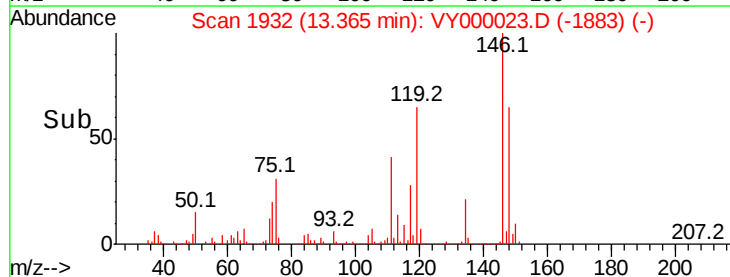
600000

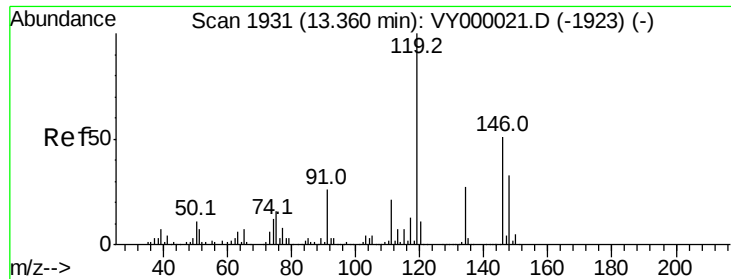
400000

200000

0

Time--> 13.30 13.35 13.40





#87

1,3-Dichlorobenzene

Concen: 139.237 ug/l

RT: 13.36 min Scan# 1931

Delta R.T. -0.00 min

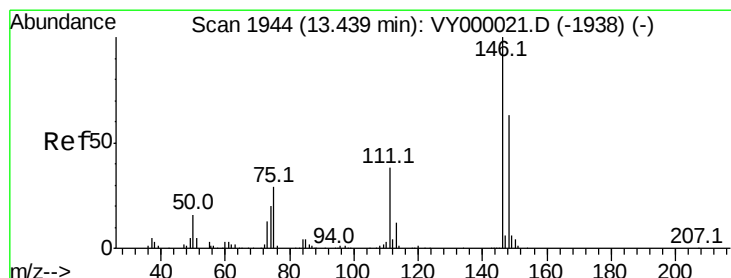
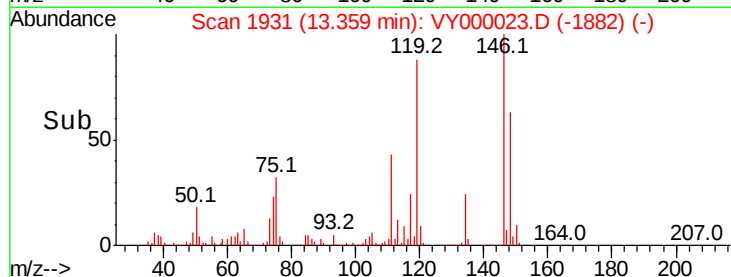
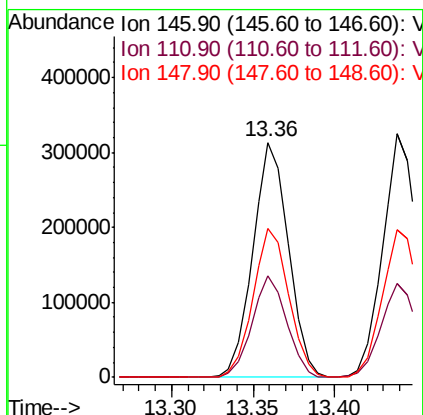
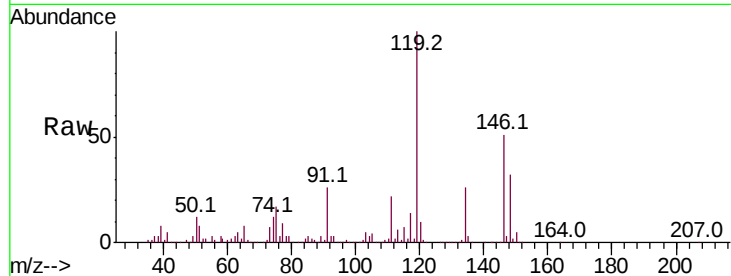
Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:146 Resp: 473696

Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.2	63.6
148	63.8	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 140.648 ug/l

RT: 13.44 min Scan# 1944

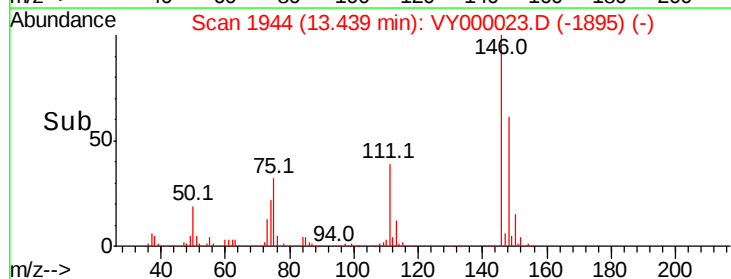
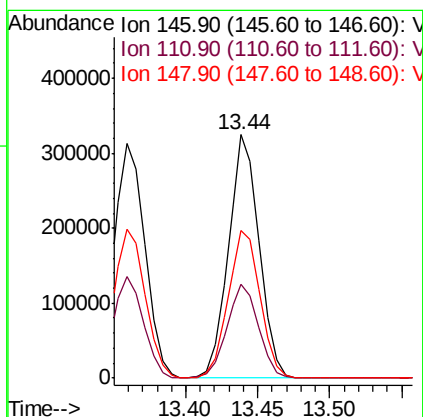
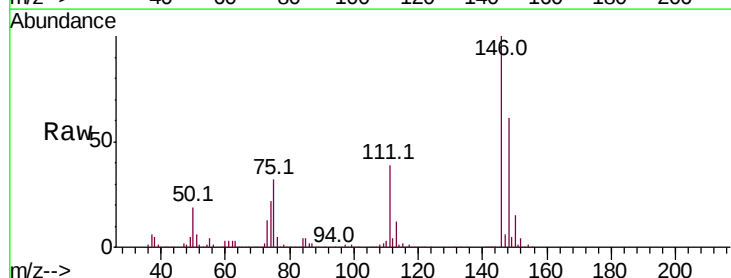
Delta R.T. -0.00 min

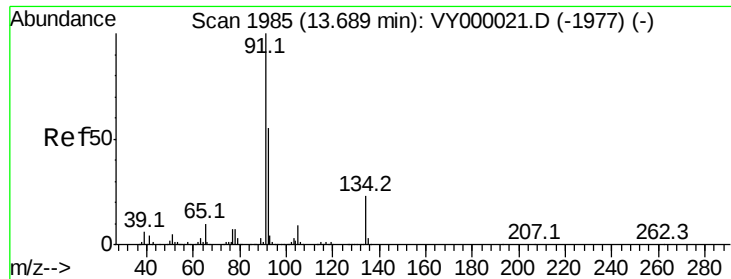
Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion:146 Resp: 481521

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	63.3	31.7	95.1





#89

n-Butylbenzene

Concen: 143.110 ug/l

RT: 13.69 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

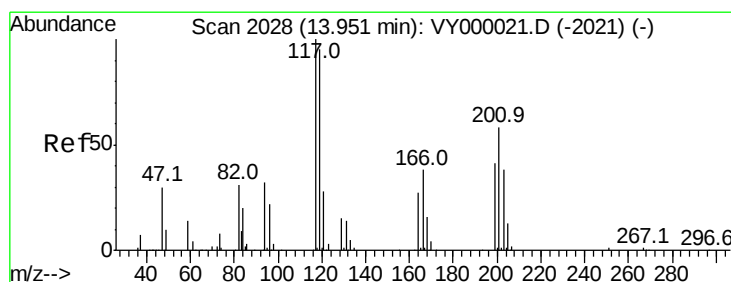
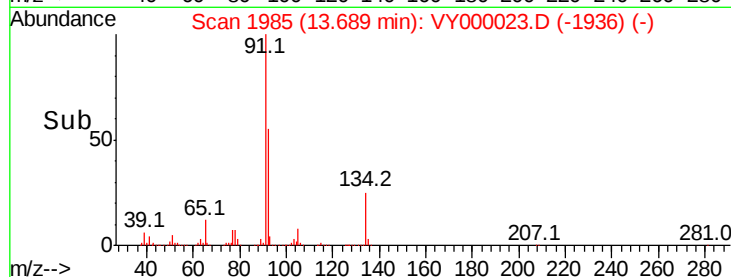
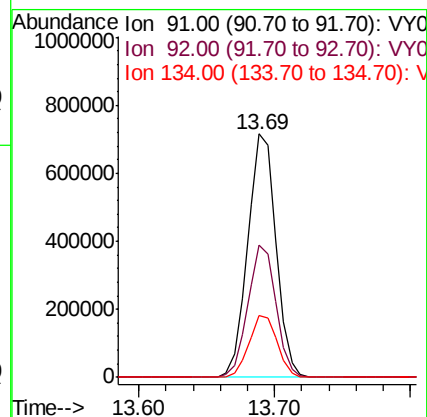
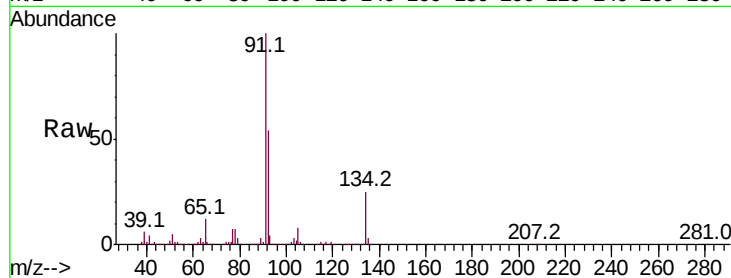
Tot Ion: 91 Resp: 1040867

Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	25.5	12.6	37.6

91 100

92 54.0 27.2 81.6

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 138.416 ug/l

RT: 13.95 min Scan# 2028

Delta R.T. -0.00 min

Lab File: VY000023.D

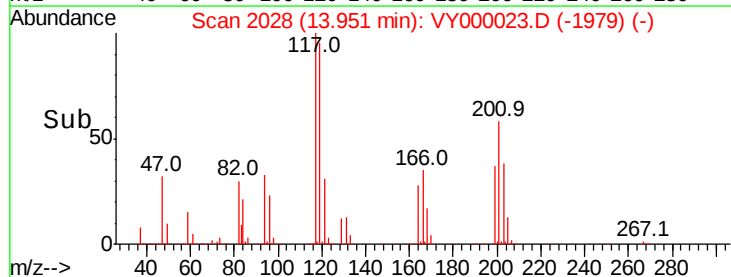
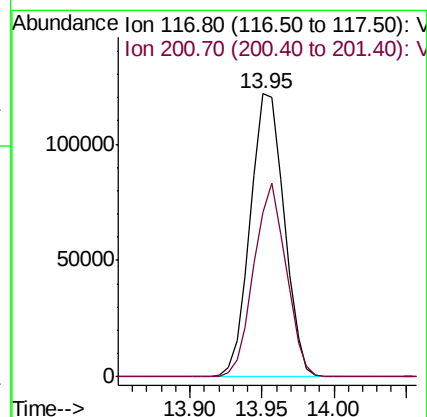
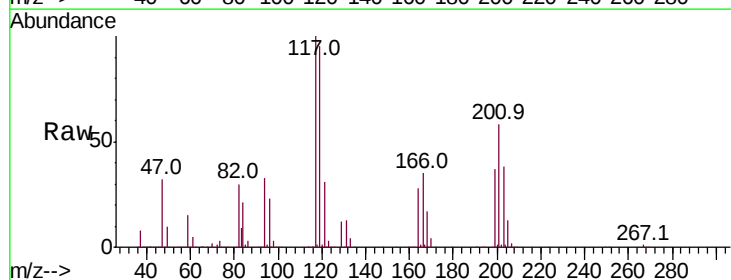
Acq: 12 Sep 2019 13:16

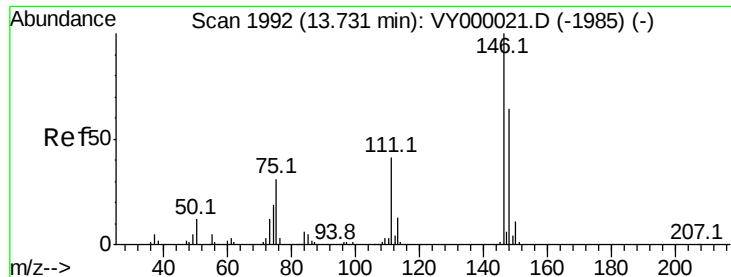
Tgt Ion: 117 Resp: 198531

Ion	Ratio	Lower	Upper
117	100		
201	64.9	31.4	94.0

117 100

201 64.9 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 141.786 ug/l

RT: 13.73 min Scan# 1992

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

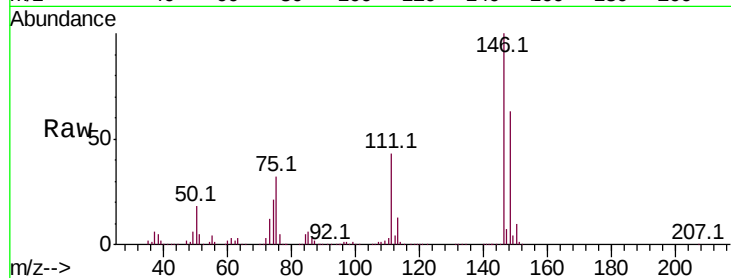
Tot Ion:146 Resp: 448907

Ion Ratio Lower Upper

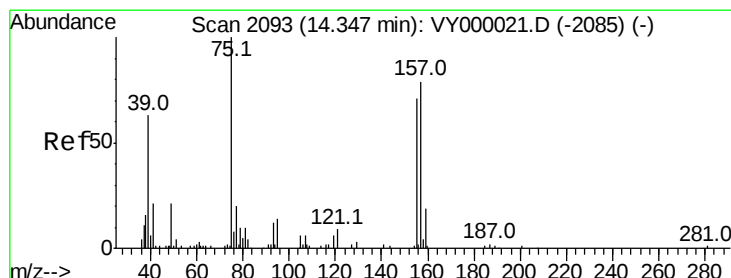
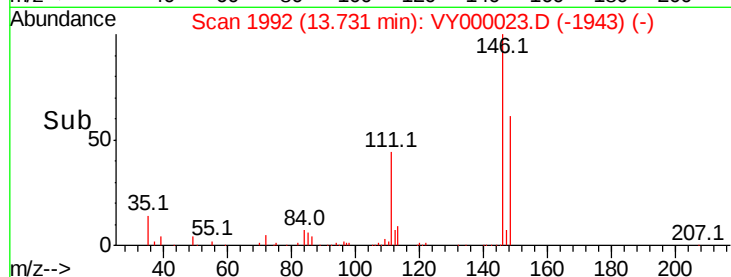
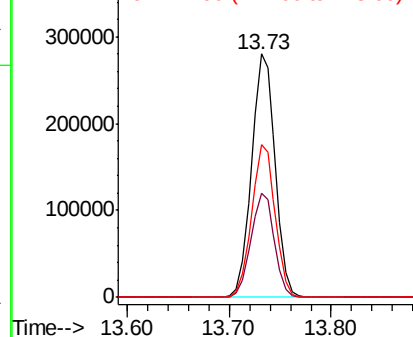
146 100

111 42.5 21.0 63.0

148 62.7 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 127.177 ug/l

RT: 14.35 min Scan# 2094

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

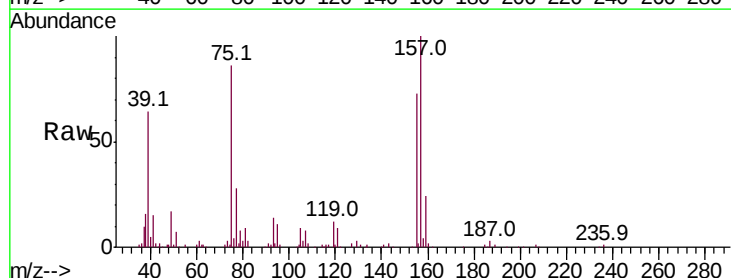
Tgt Ion: 75 Resp: 47247

Ion Ratio Lower Upper

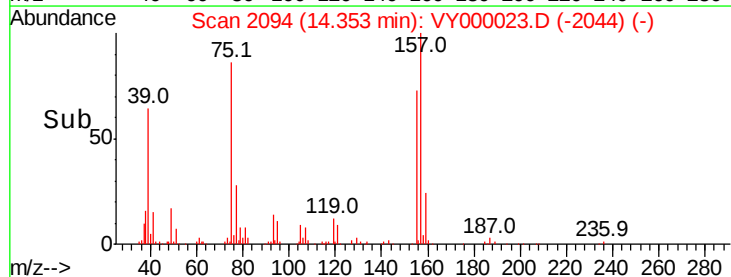
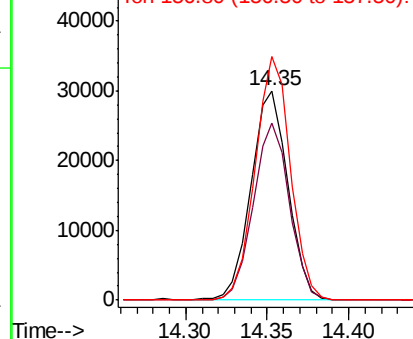
75 100

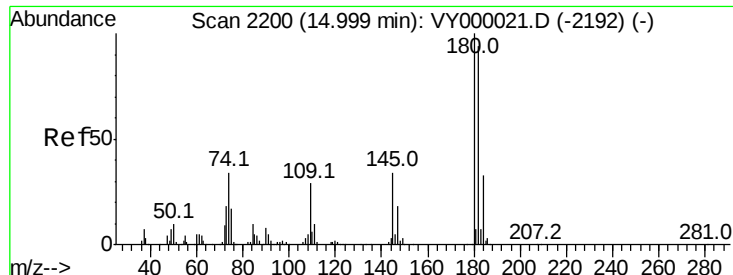
155 82.8 41.8 125.3

157 111.7 51.3 153.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

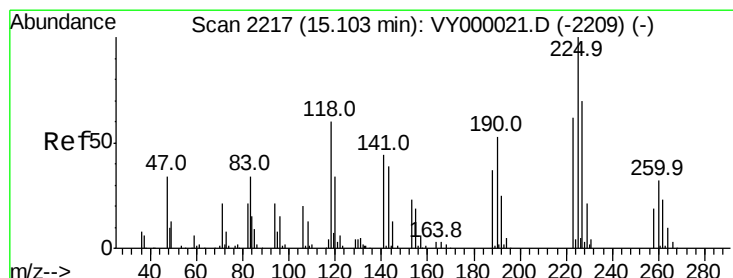
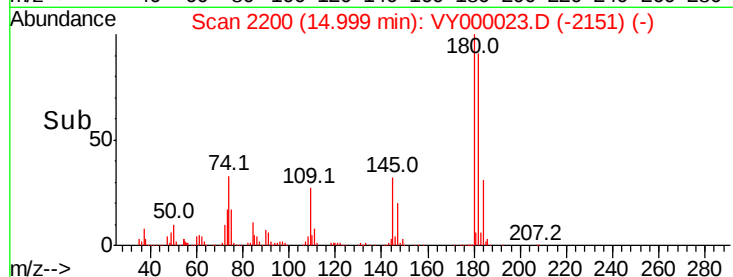
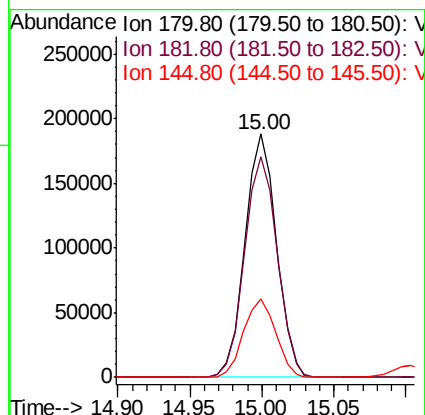
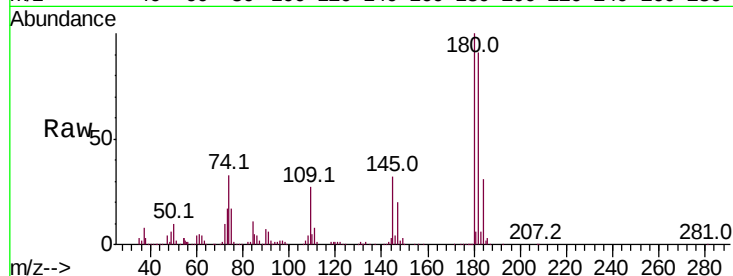




#93
 1,2,4-Trichlorobenzene
 Concen: 140.922 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

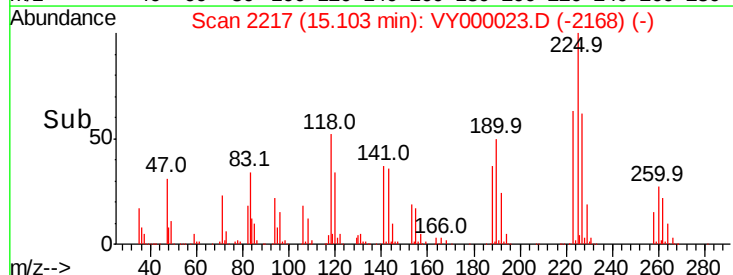
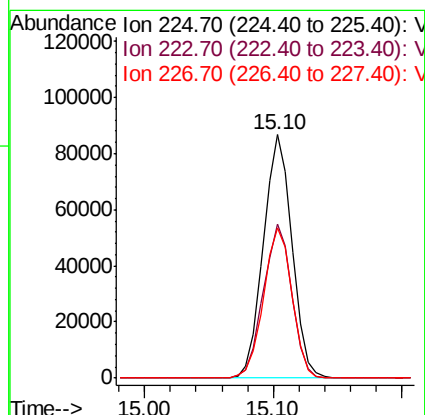
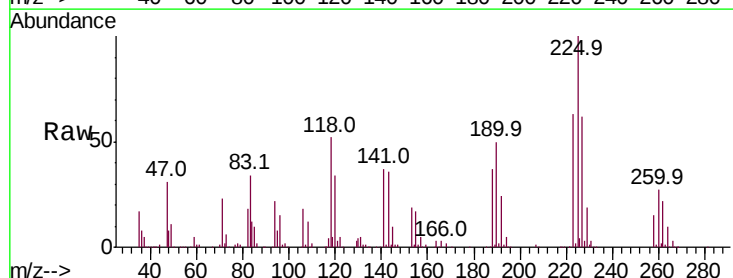
Instrument :
 MSVOA_Y
 ClientSampleId :

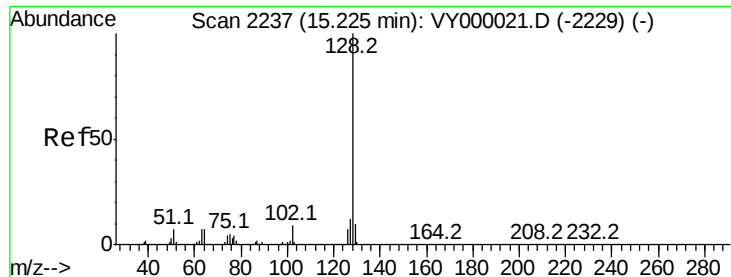
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	33.0	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 143.682 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	61.5	31.0	93.0

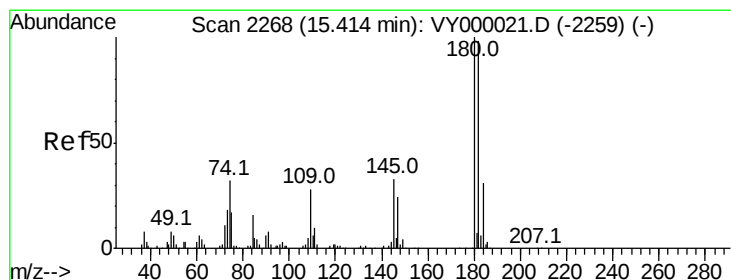
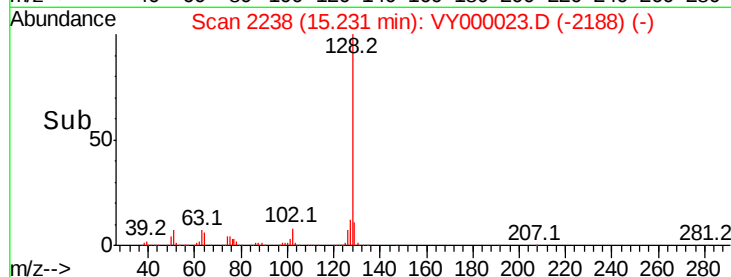
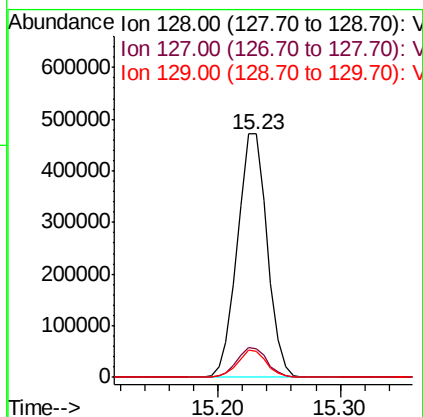
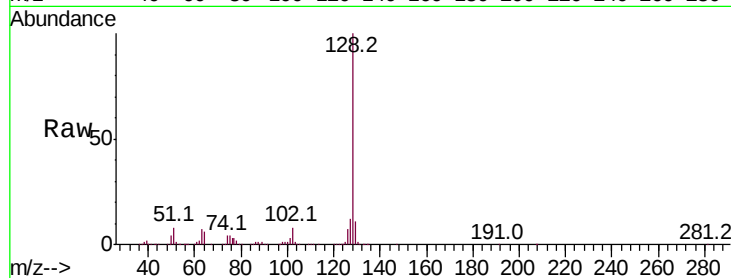




#95
Naphthalene
Concen: 143.723 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.8
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 144.360 ug/l
RT: 15.41 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.4
145	34.0	17.3	51.7

