

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000255.D
 Acq On : 10 Oct 2019 16:00
 Operator : SY/MD
 Sample : VY1010WBSD01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	457018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	170749	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.73	113	137261	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.19	98	530462	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.48	95	189667	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	50506	18.692	ug/l	94
3) Chloromethane	2.12	50	68527	18.623	ug/l	98
4) Vinyl Chloride	2.25	62	72565	19.100	ug/l	98
5) Bromomethane	2.64	94	51380	21.435	ug/l	98
6) Chloroethane	2.79	64	45712	19.050	ug/l	96
7) Trichlorofluoromethane	3.13	101	93386	19.021	ug/l	97
8) Diethyl Ether	3.54	74	40513	18.048	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53062	18.512	ug/l	98
10) Methyl Iodide	4.09	142	76282	16.770	ug/l	98
11) Tert butyl alcohol	4.97	59	186183	98.448	ug/l	98
12) 1,1-Dichloroethene	3.87	96	56527	18.995	ug/l	87
13) Acrolein	3.74	56	79388	79.971	ug/l	96
14) Allyl chloride	4.49	41	92512	18.450	ug/l	98
15) Acrylonitrile	5.18	53	310742	93.081	ug/l	99
16) Acetone	3.96	43	273856	99.330	ug/l	97
17) Carbon Disulfide	4.20	76	161406	18.403	ug/l	99
18) Methyl Acetate	4.49	43	142813	18.902	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	198810	18.262	ug/l	99
20) Methylene Chloride	4.72	84	65386	18.053	ug/l #	94
21) trans-1,2-Dichloroethene	5.22	96	62275	18.603	ug/l	96
22) Diisopropyl ether	6.13	45	211292	18.188	ug/l	99
23) Vinyl Acetate	6.07	43	977267	86.583	ug/l	98
24) 1,1-Dichloroethane	6.03	63	110251	18.606	ug/l	98
25) 2-Butanone	7.00	43	498115	97.661	ug/l	99
26) 2,2-Dichloropropane	6.99	77	94655	17.696	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	73178	18.558	ug/l	98
28) Bromochloromethane	7.35	49	42430	21.754	ug/l	96
29) Tetrahydrofuran	7.36	42	338395	93.943	ug/l	99
30) Chloroform	7.52	83	114627	18.639	ug/l	93
31) Cyclohexane	7.79	56	104326	17.431	ug/l #	94
32) 1,1,1-Trichloroethane	7.72	97	100277	19.180	ug/l	98
36) 1,1-Dichloropropene	7.93	75	87437	18.803	ug/l	100
37) Ethyl Acetate	7.08	43	152794	18.176	ug/l	99
38) Carbon Tetrachloride	7.91	117	88029	19.423	ug/l	98

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 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	103177	17.687	ug/l	98
40) Benzene	8.17	78	266928	18.923	ug/l	99
41) Methacrylonitrile	7.36	41	256682	38.793	ug/l #	50
42) 1,2-Dichloroethane	8.25	62	89053	19.436	ug/l	97
43) Isopropyl Acetate	8.28	43	204920	18.938	ug/l	99
44) Trichloroethene	8.95	130	72844	19.043	ug/l	100
45) 1,2-Dichloropropane	9.22	63	68064	19.264	ug/l	94
46) Dibromomethane	9.32	93	46101	18.612	ug/l	98
47) Bromodichloromethane	9.50	83	90632	18.706	ug/l	92
48) Methyl methacrylate	9.30	41	92047	18.847	ug/l	98
49) 1,4-Dioxane	9.30	88	48243	384.791	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	787074	96.787	ug/l	99
52) Toluene	10.25	92	167823	18.549	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	102757	18.694	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	110863	18.639	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	65750	18.430	ug/l	99
56) Ethyl methacrylate	10.51	69	116598	18.564	ug/l	99
57) 1,3-Dichloropropane	10.80	76	113892	18.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	317673	113.473	ug/l	100
59) 2-Hexanone	10.84	43	686957	90.935	ug/l	98
60) Dibromochloromethane	10.99	129	71075	18.843	ug/l	99
61) 1,2-Dibromoethane	11.10	107	72076	19.020	ug/l	98
64) Tetrachloroethene	10.72	164	74759	19.837	ug/l	95
65) Chlorobenzene	11.52	112	178337	18.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	66707	19.529	ug/l	96
67) Ethyl Benzene	11.60	91	317430	18.585	ug/l	100
68) m/p-Xylenes	11.70	106	244597	37.532	ug/l	98
69) o-Xylene	12.03	106	117446	18.706	ug/l	99
70) Styrene	12.05	104	200313	18.522	ug/l	99
71) Bromoform	12.21	173	52602	18.663	ug/l	100
73) Isopropylbenzene	12.33	105	312131	18.622	ug/l	100
74) N-amyl acetate	12.14	43	153224	17.395	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	104931	18.343	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	164321	31.464	ug/l #	100
77) Bromobenzene	12.61	156	72606	18.472	ug/l	96
78) n-propylbenzene	12.67	91	360795	18.428	ug/l	99
79) 2-Chlorotoluene	12.75	91	209886	18.620	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	262115	18.741	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	42335	16.297	ug/l	88
82) 4-Chlorotoluene	12.86	91	214312	18.771	ug/l	99
83) tert-Butylbenzene	13.08	119	226705	18.649	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	257038	18.394	ug/l	100
85) sec-Butylbenzene	13.25	105	309358	18.463	ug/l	100
86) p-Isopropyltoluene	13.37	119	276438	18.761	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	137042	19.237	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	137297	18.503	ug/l	99
89) n-Butylbenzene	13.70	91	249643	17.977	ug/l	99
90) Hexachloroethane	13.96	117	52267	18.752	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	136125	18.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34284	17.702	ug/l	95

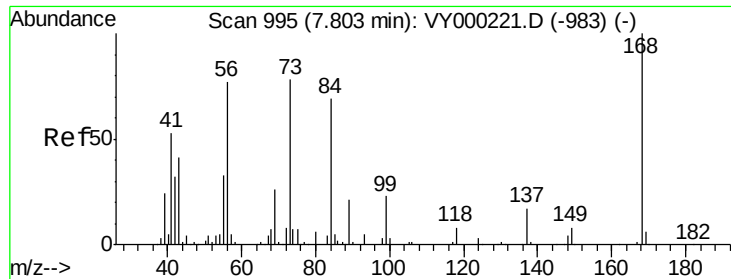
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	89719	18.326	ug/l	99
94) Hexachlorobutadiene	15.11	225	41814	17.873	ug/l	96
95) Naphthalene	15.23	128	341461	18.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89619	19.031	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

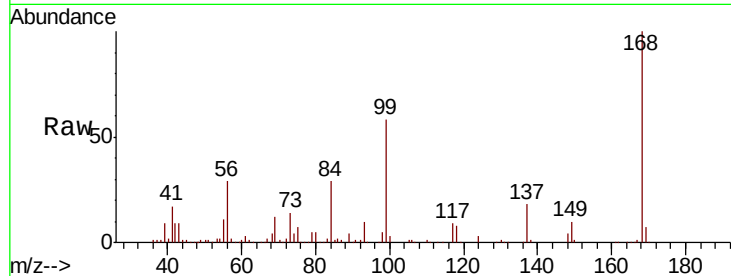
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 270659

Ion Ratio Lower Upper

168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

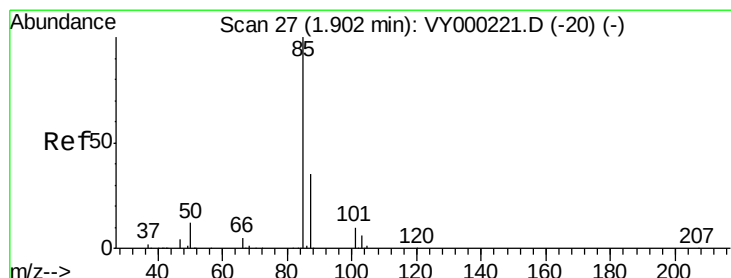
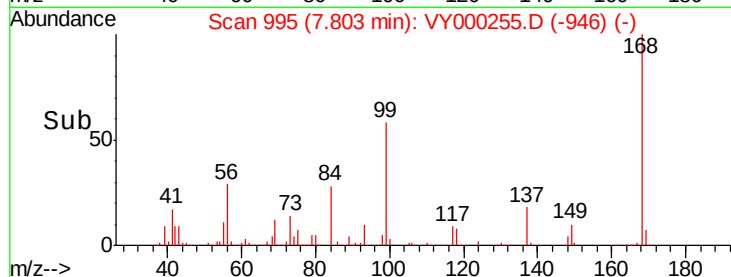
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.692 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000255.D

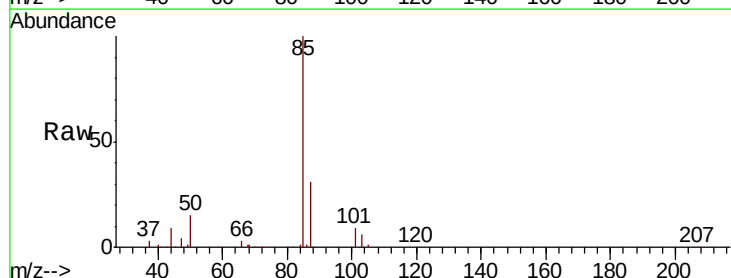
Acq: 10 Oct 2019 16:00

Tgt Ion: 85 Resp: 50506

Ion Ratio Lower Upper

85 100

87 31.5 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

30000

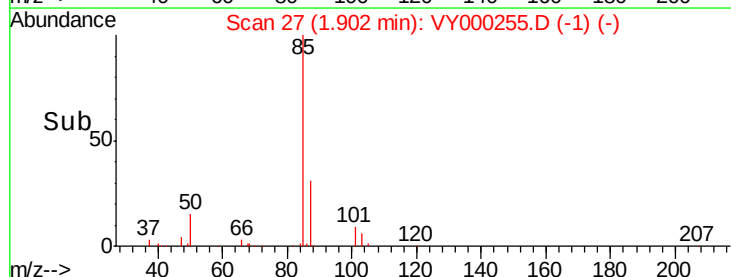
20000

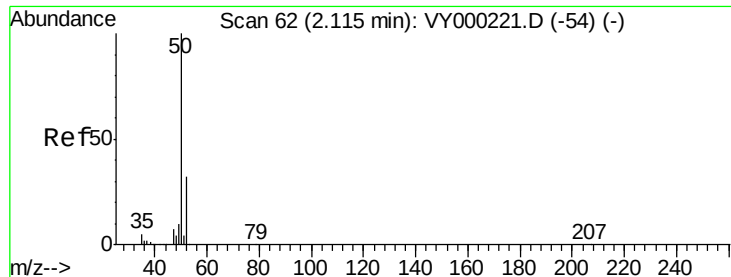
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.623 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

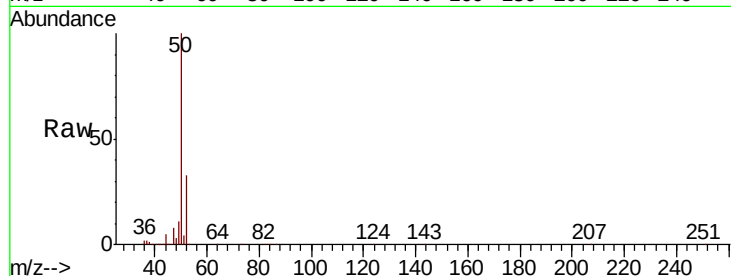
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 68527

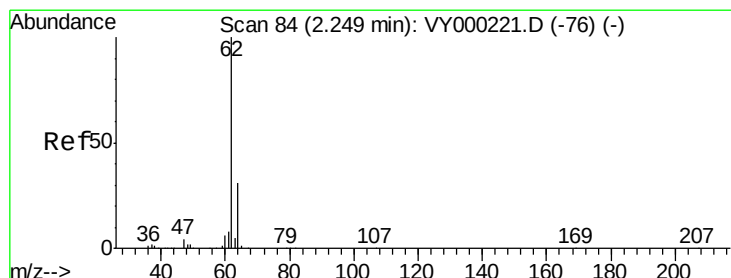
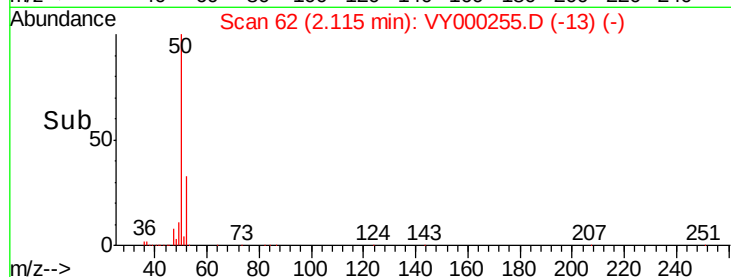
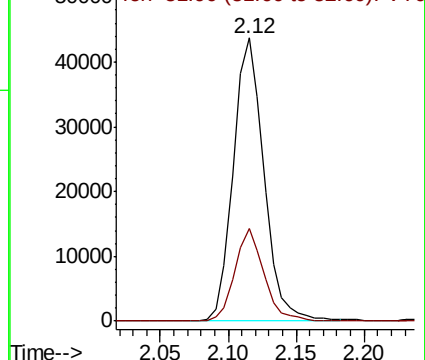
Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.0



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



#4

Vinyl Chloride

Concen: 19.100 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000255.D

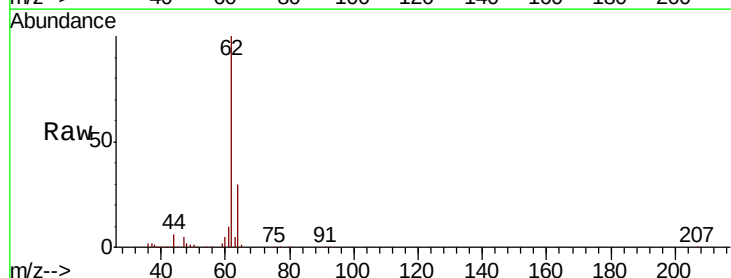
Acq: 10 Oct 2019 16:00

Tgt Ion: 62 Resp: 72565

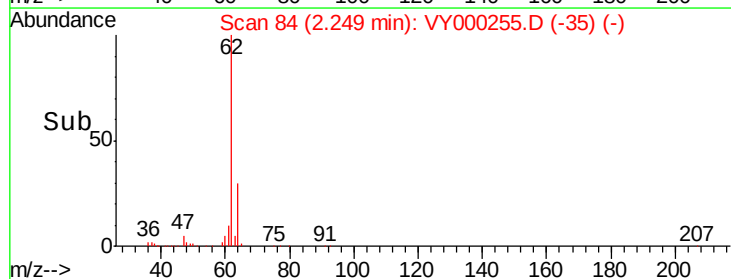
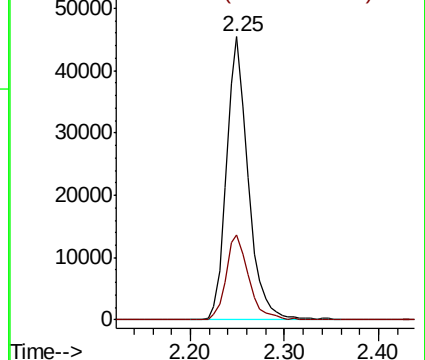
Ion Ratio Lower Upper

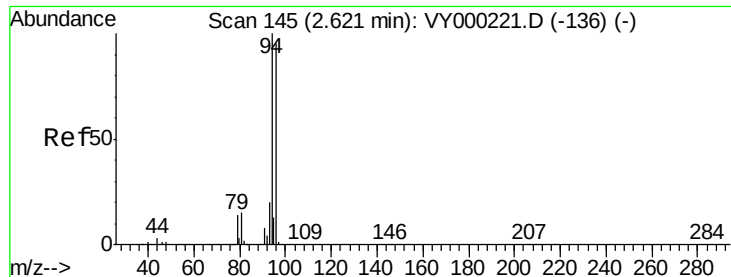
62 100

64 30.0 25.0 37.6



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





#5

Bromomethane

Concen: 21.435 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

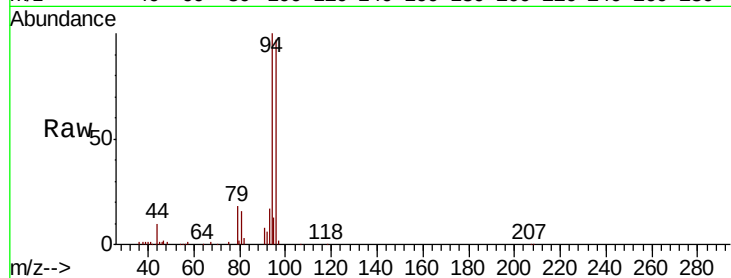
ClientSampled :

Tot Ion: 94 Resp: 51380

Ion Ratio Lower Upper

94 100

96 96.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

25000

20000

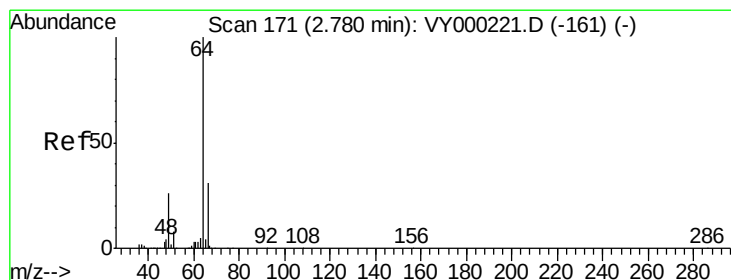
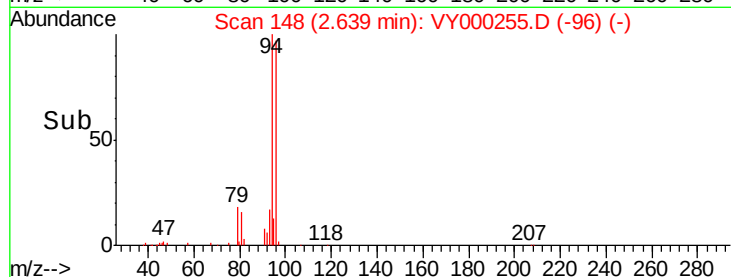
15000

10000

5000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 19.050 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000255.D

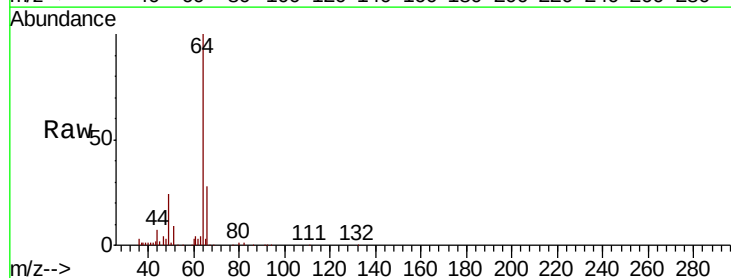
Acq: 10 Oct 2019 16:00

Tgt Ion: 64 Resp: 45712

Ion Ratio Lower Upper

64 100

66 28.2 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

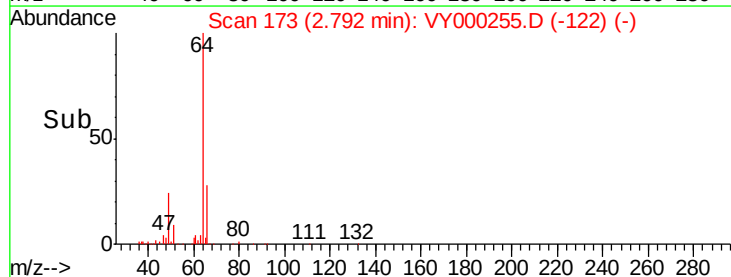
15000

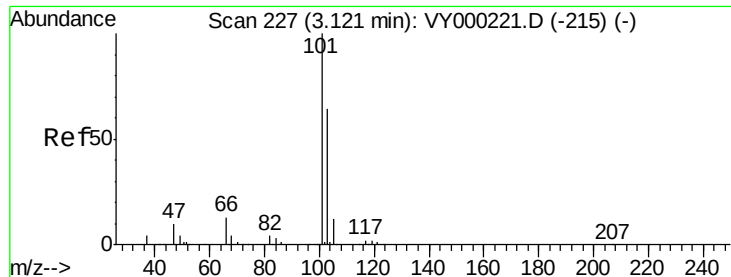
10000

5000

0

Time--> 2.70 2.80 2.90



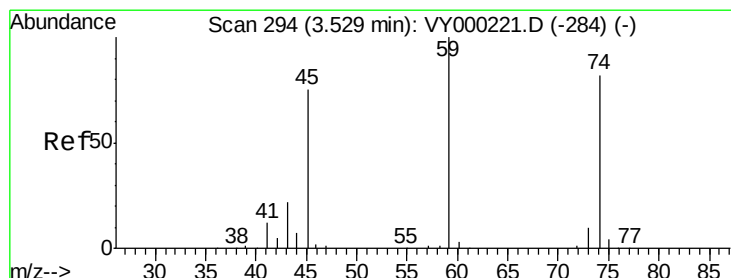
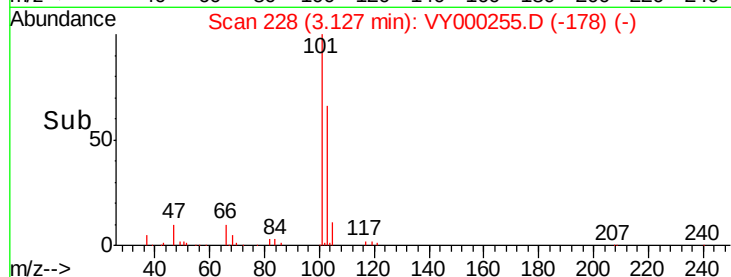
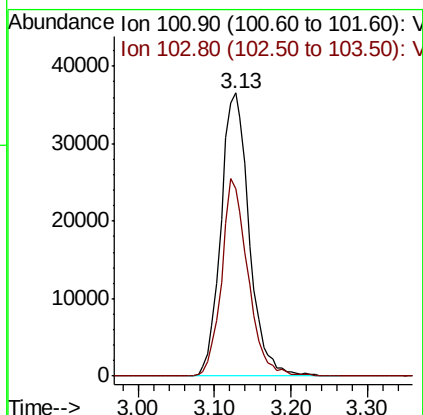
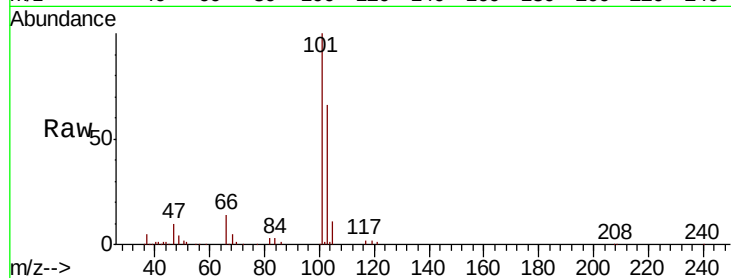


#7

Trichlorofluoromethane
Concen: 19.021 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.01 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampled :

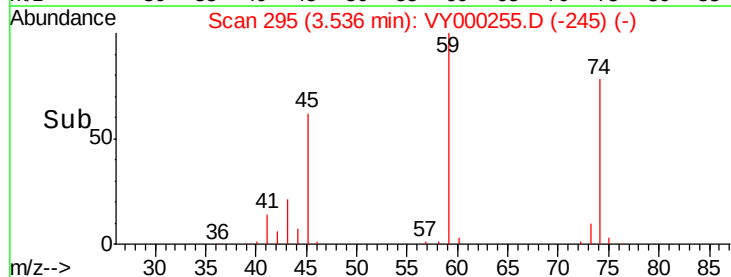
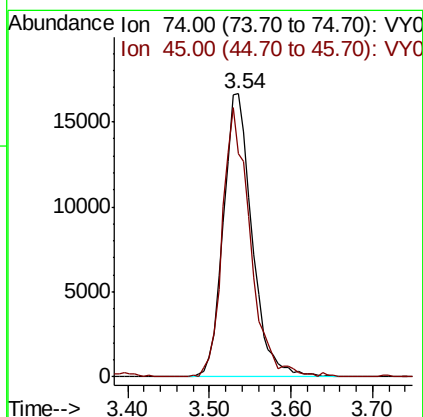
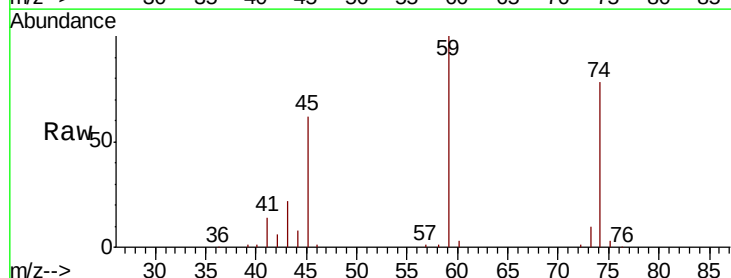
Tot Ion:101 Resp: 93386
Ion Ratio Lower Upper
101 100
103 66.2 51.0 76.6

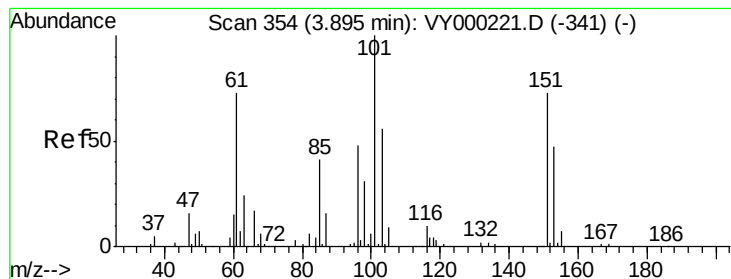


#8

Diethyl Ether
Concen: 18.048 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 74 Resp: 40513
Ion Ratio Lower Upper
74 100
45 91.8 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.512 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

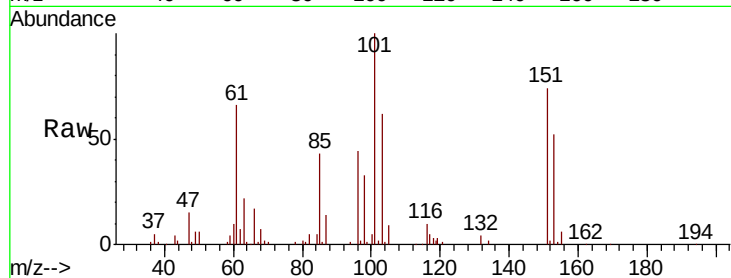
Tot Ion:101 Resp: 53062

Ion Ratio Lower Upper

101 100

85 44.4 37.0 55.6

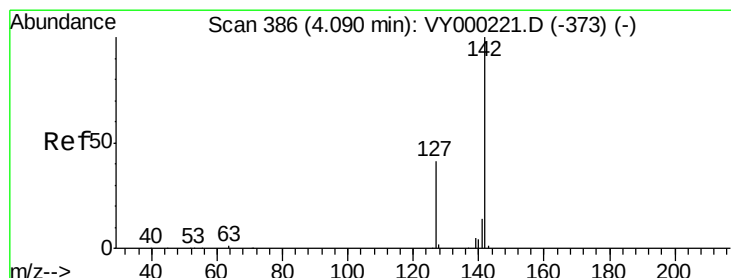
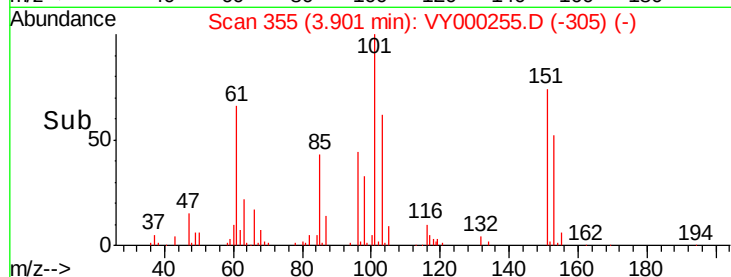
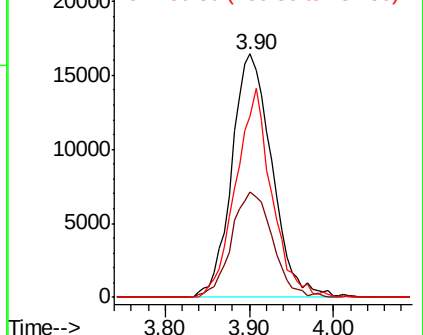
151 76.8 63.0 94.4



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: 16.770 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

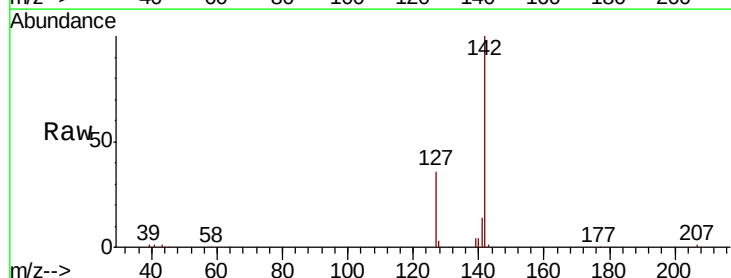
Tgt Ion:142 Resp: 76282

Ion Ratio Lower Upper

142 100

127 40.1 33.0 49.6

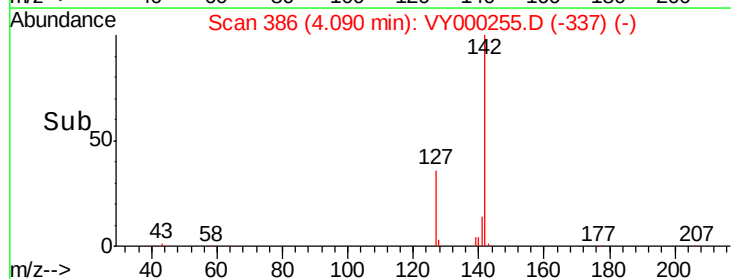
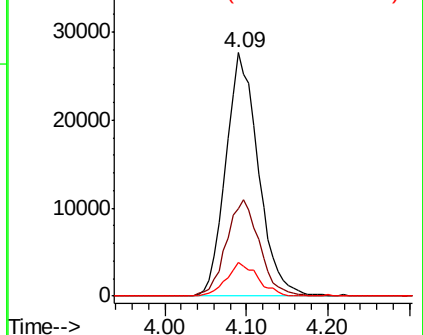
141 13.2 11.0 16.4

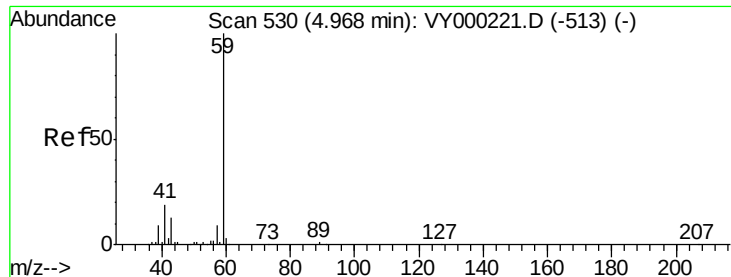


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



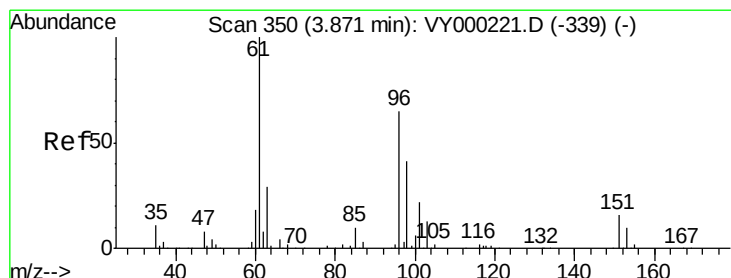
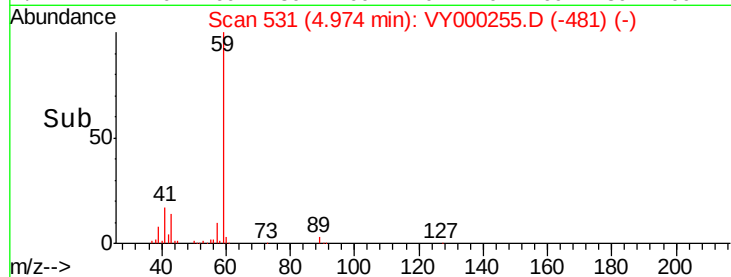
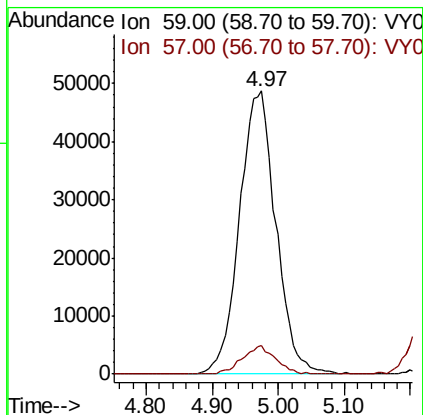
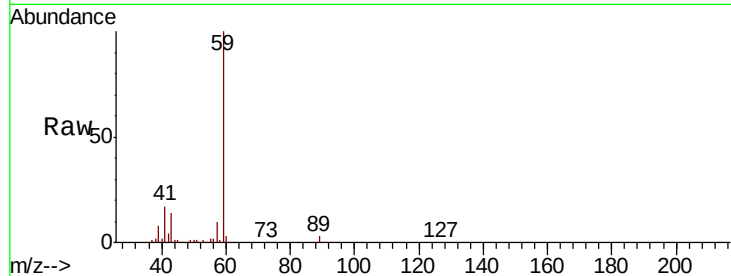


#11

Tert butyl alcohol
 Concen: 98.448 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampled :

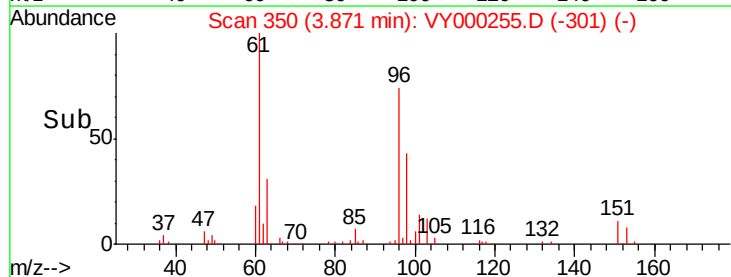
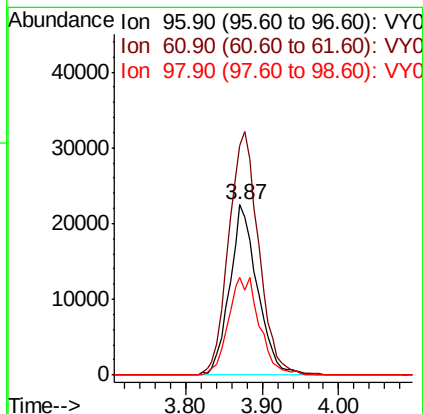
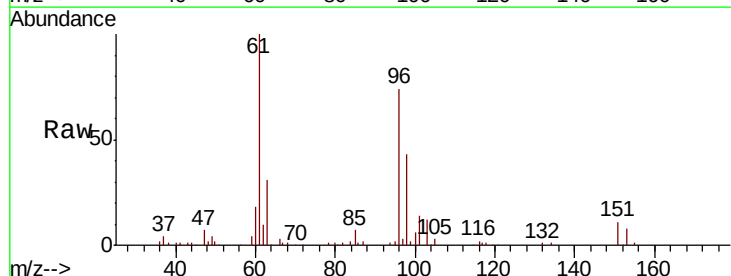
Tot Ion: 59 Resp: 186183
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.0 12.0

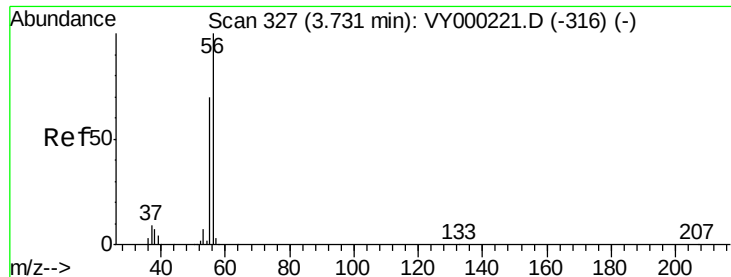


#12

1,1-Dichloroethene
 Concen: 18.995 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion: 96 Resp: 56527
 Ion Ratio Lower Upper
 96 100
 61 134.8 123.8 185.8
 98 57.6 50.9 76.3





#13

Acrolein

Concen: 79.971 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

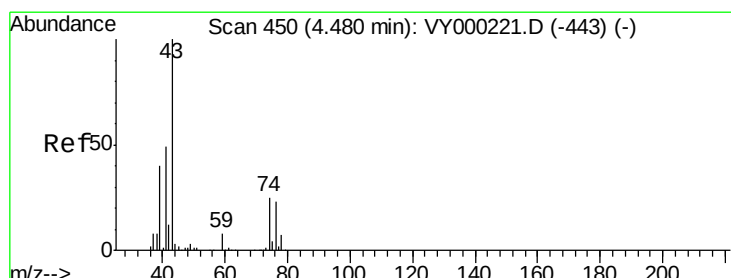
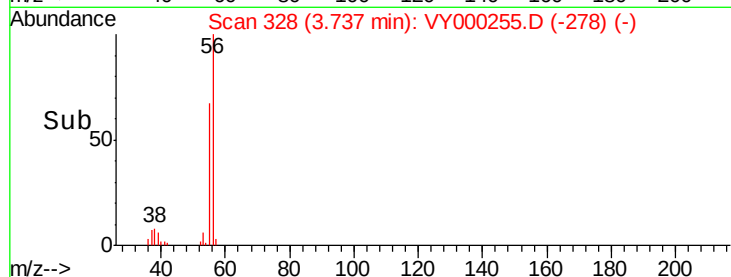
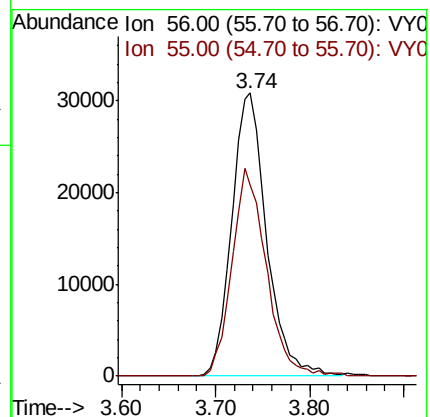
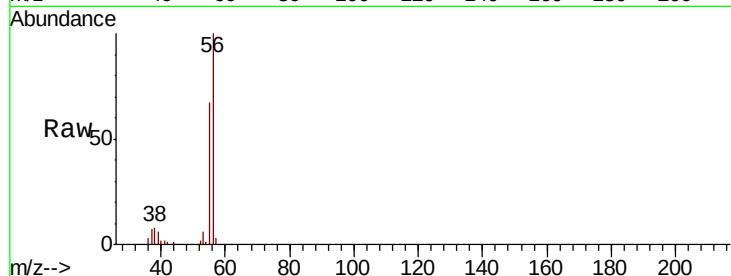
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 79388

Ion Ratio Lower Upper

56 100

55 71.9 55.2 82.8



#14

Allyl chloride

Concen: 18.450 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

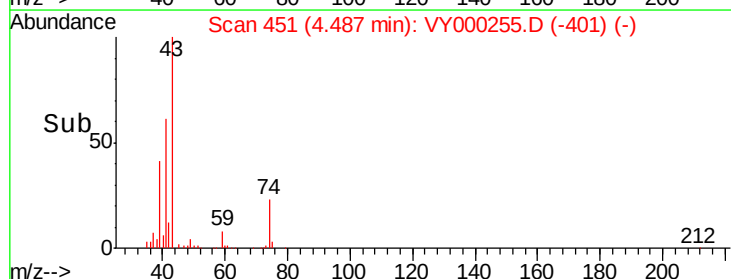
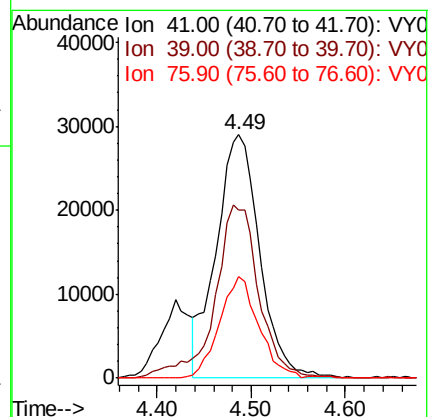
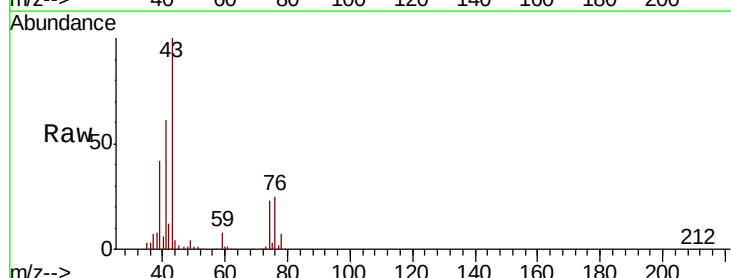
Tgt Ion: 41 Resp: 92512

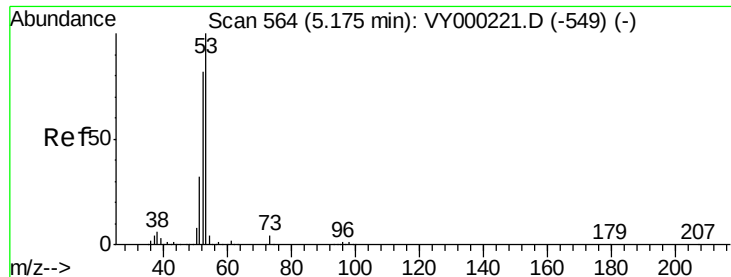
Ion Ratio Lower Upper

41 100

39 72.4 56.4 84.6

76 37.7 30.8 46.2





#15

Acrylonitrile

Concen: 93.081 ug/l

RT: 5.18 min Scan# 564

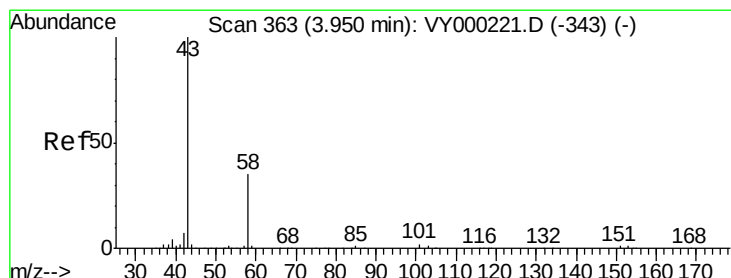
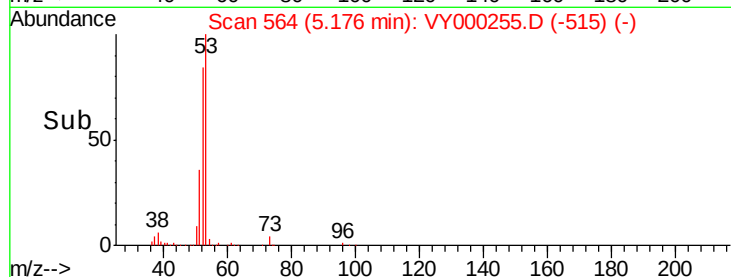
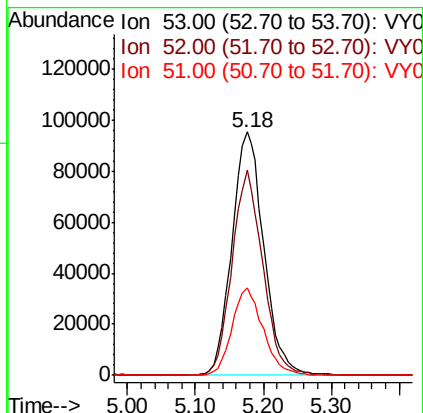
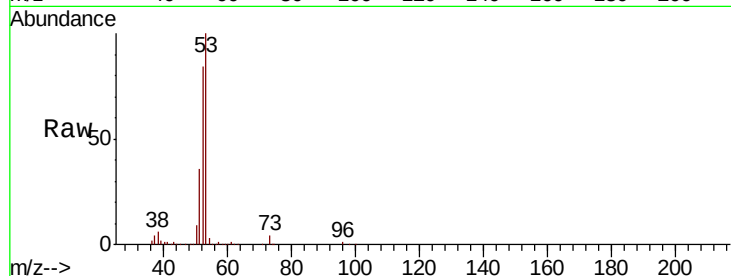
Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	310742
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.4	98.2
51	35.1	27.2	40.8



#16

Acetone

Concen: 99.330 ug/l

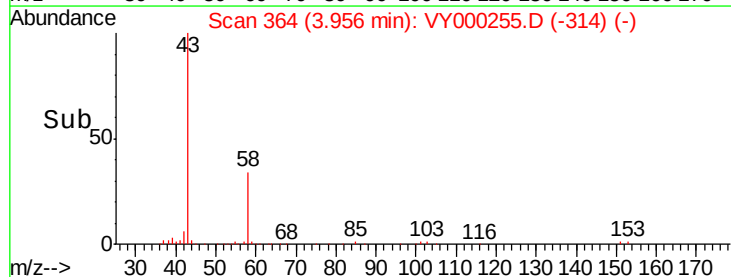
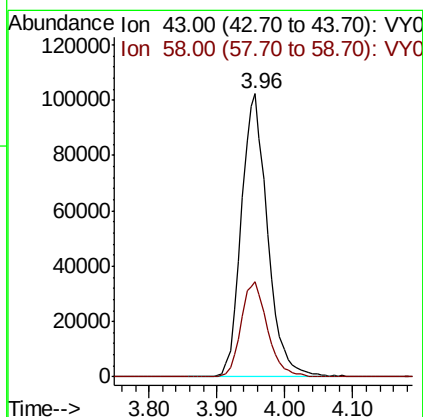
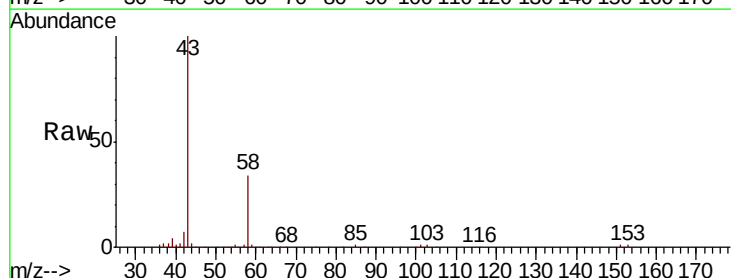
RT: 3.96 min Scan# 364

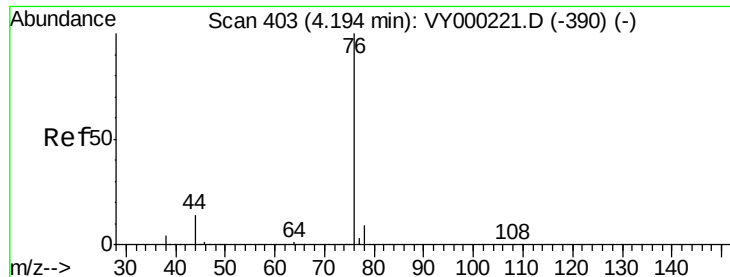
Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Tgt Ion:	43	Resp:	273856
Ion	Ratio	Lower	Upper
43	100		
58	33.5	28.2	42.4





#17

Carbon Disulfide

Concen: 18.403 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

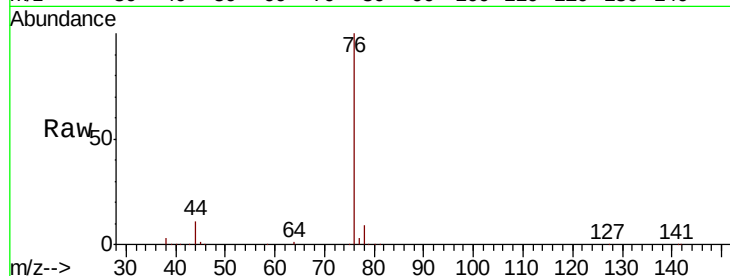
ClientSampleId :

Tot Ion: 76 Resp: 161406

Ion Ratio Lower Upper

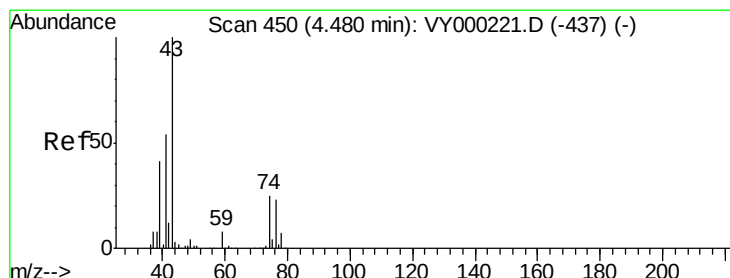
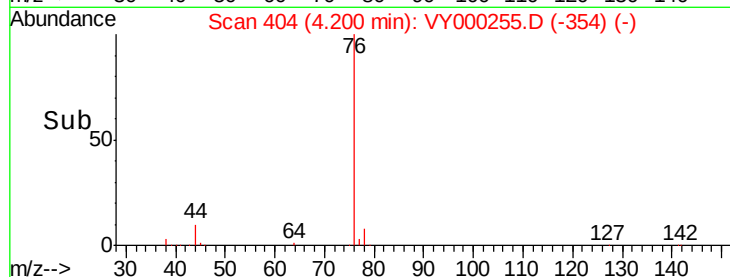
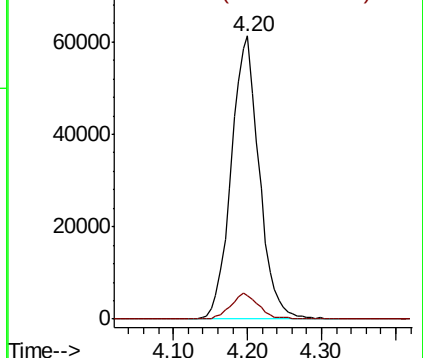
76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.902 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000255.D

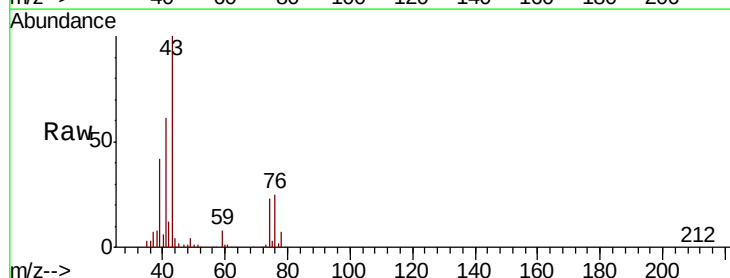
Acq: 10 Oct 2019 16:00

Tgt Ion: 43 Resp: 142813

Ion Ratio Lower Upper

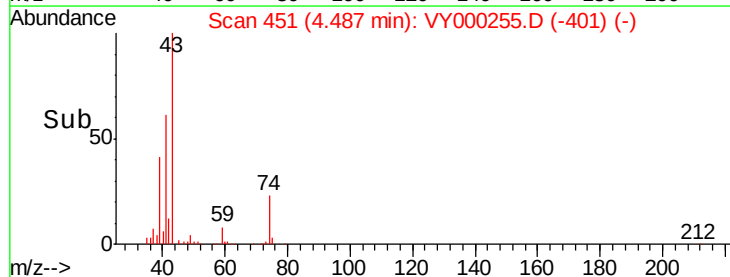
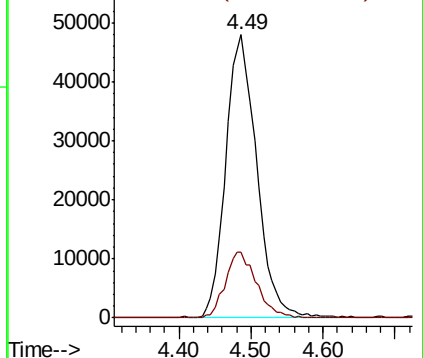
43 100

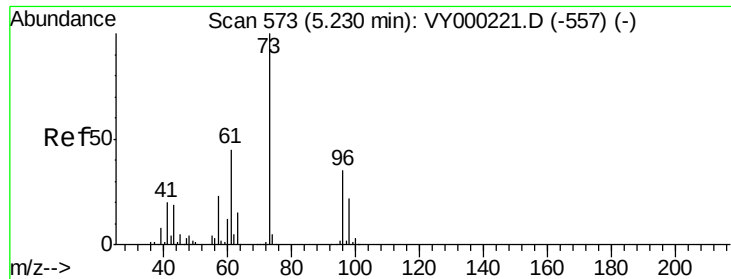
74 23.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

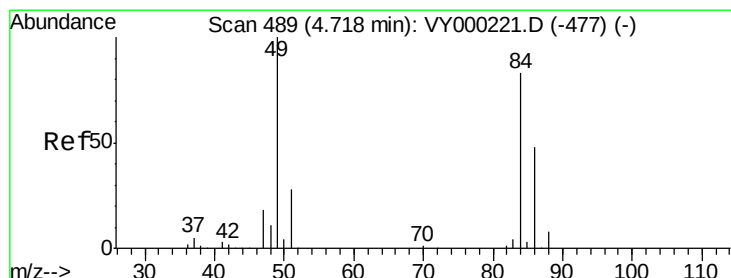
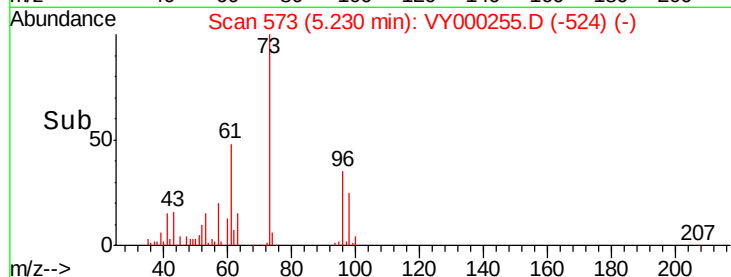
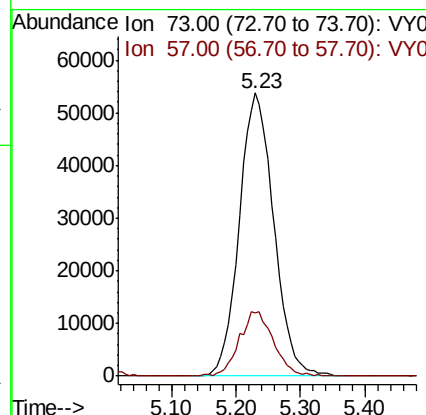
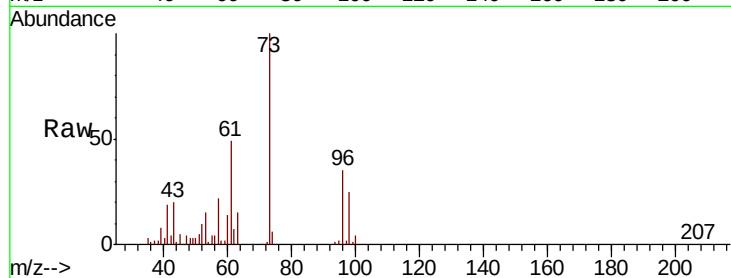




#19
Methyl tert-butyl Ether
Concen: 18.262 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

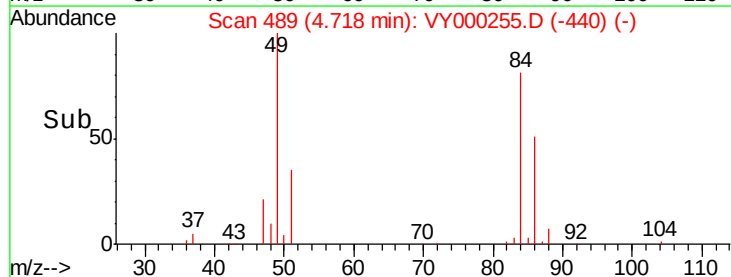
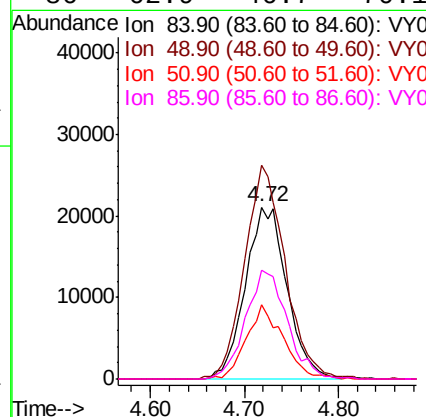
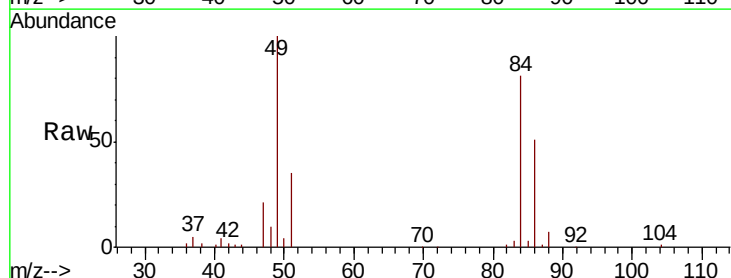
Instrument :
MSVOA_Y
ClientSampleId :

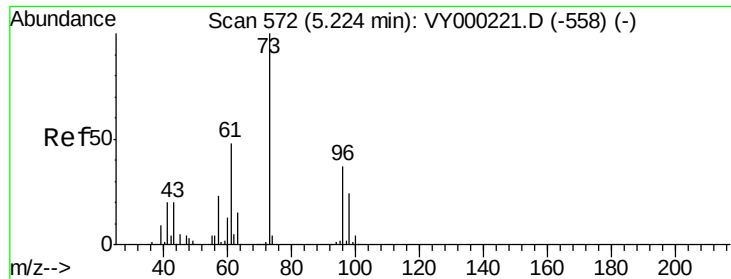
Tot Ion: 73 Resp: 198810
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 18.053 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 84 Resp: 65386
Ion Ratio Lower Upper
84 100
49 124.1 96.2 144.2
51 43.1 26.6 39.8#
86 62.9 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 18.603 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

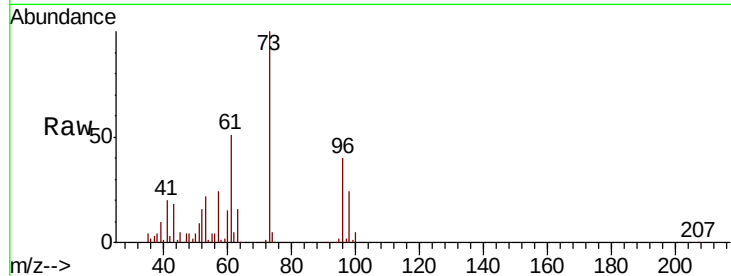
Tot Ion: 96 Resp: 62275

Ion Ratio Lower Upper

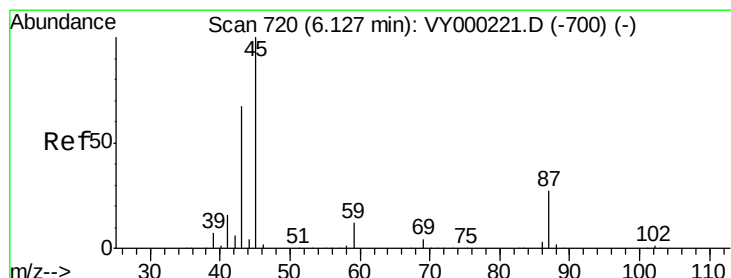
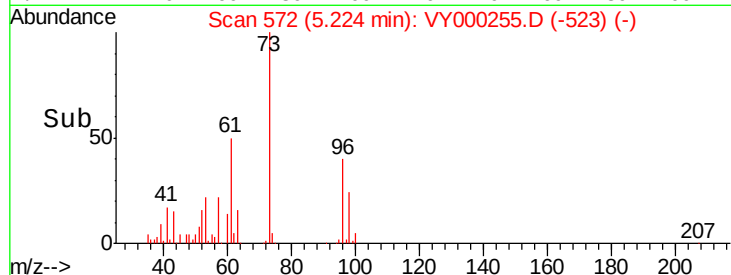
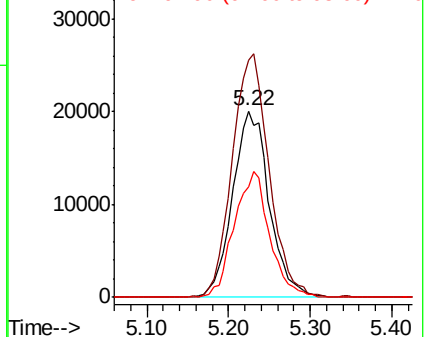
96 100

61 127.0 104.2 156.2

98 59.4 51.0 76.6



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: 18.188 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Tgt Ion: 45 Resp: 211292

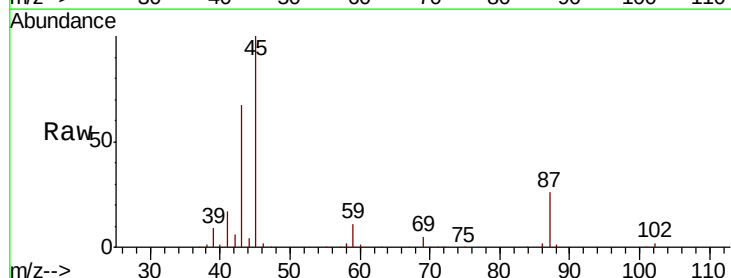
Ion Ratio Lower Upper

45 100

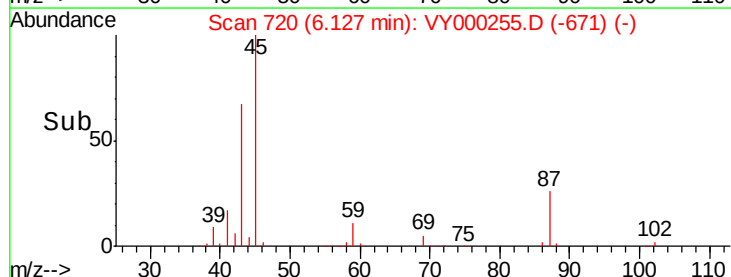
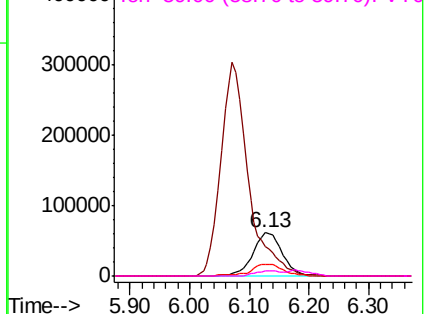
43 67.1 53.4 80.2

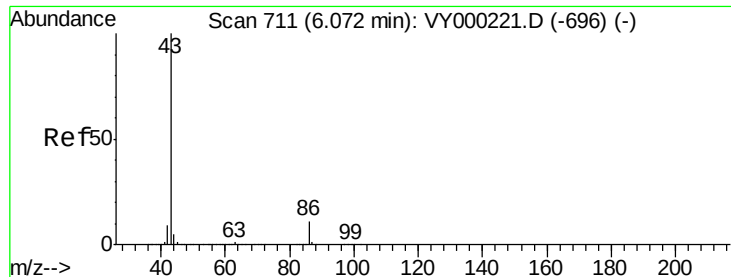
87 26.2 21.7 32.5

59 11.2 9.6 14.4



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: 86.583 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

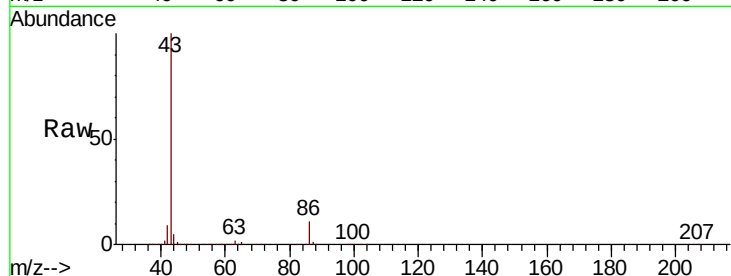
ClientSampleId :

Tot Ion: 43 Resp: 977267

Ion Ratio Lower Upper

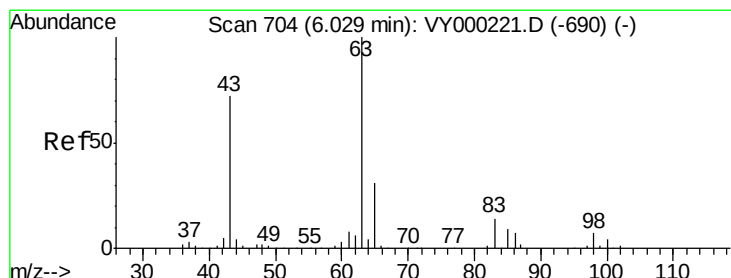
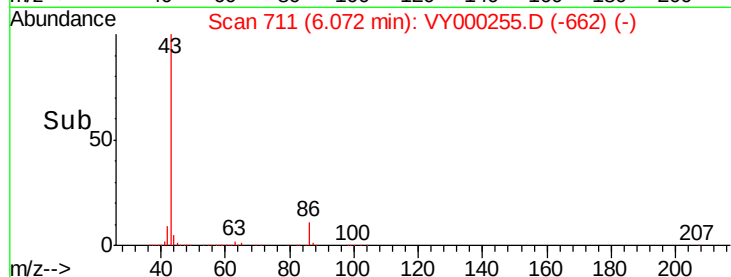
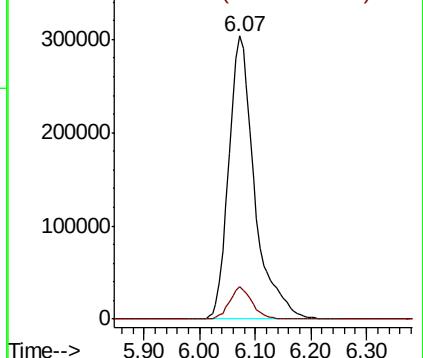
43 100

86 11.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.606 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

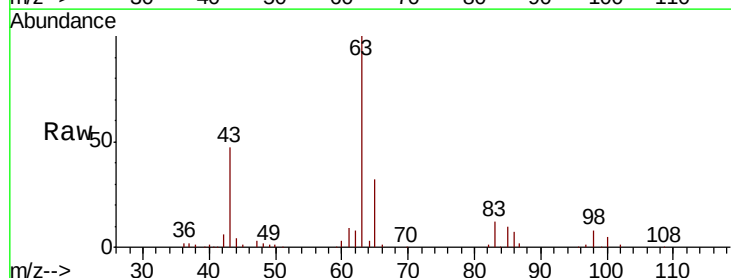
Tgt Ion: 63 Resp: 110251

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.6

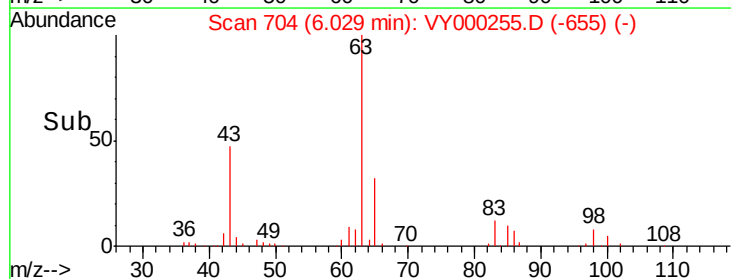
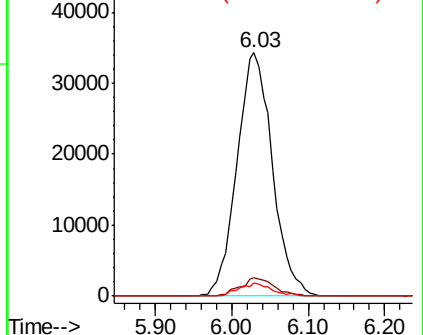
100 5.3 2.1 6.5

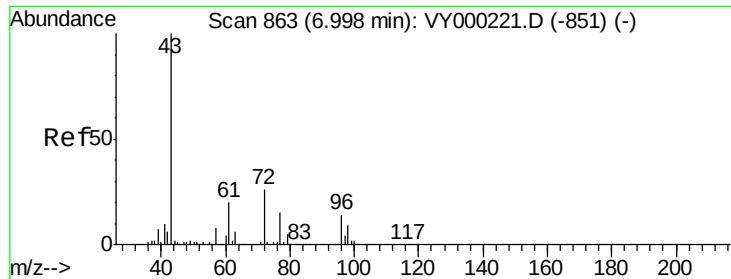


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 97.661 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

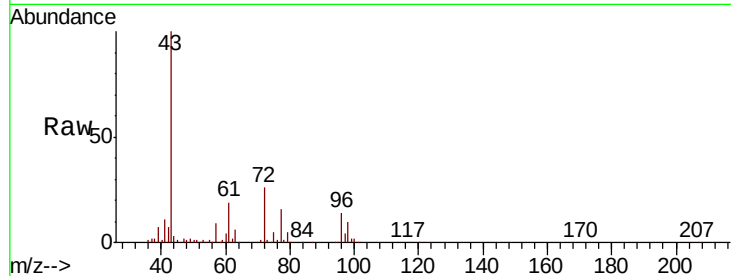
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 498115

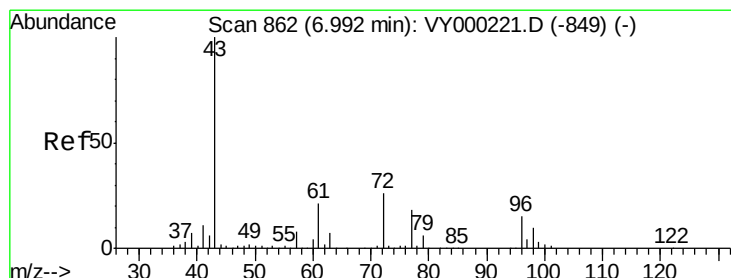
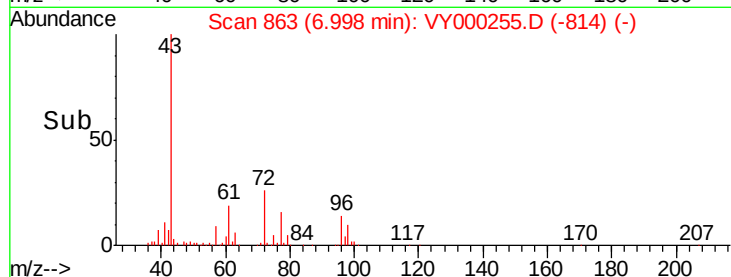
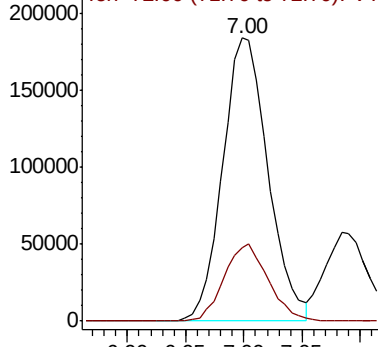
Ion Ratio Lower Upper

43 100

72 26.1 20.6 31.0



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



#26

2,2-Dichloropropane

Concen: 17.696 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000255.D

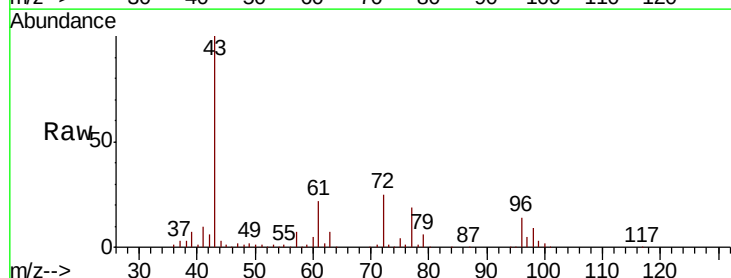
Acq: 10 Oct 2019 16:00

Tgt Ion: 77 Resp: 94655

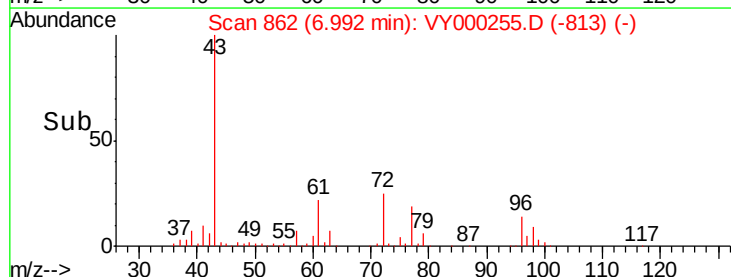
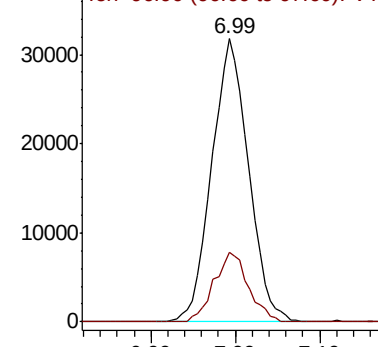
Ion Ratio Lower Upper

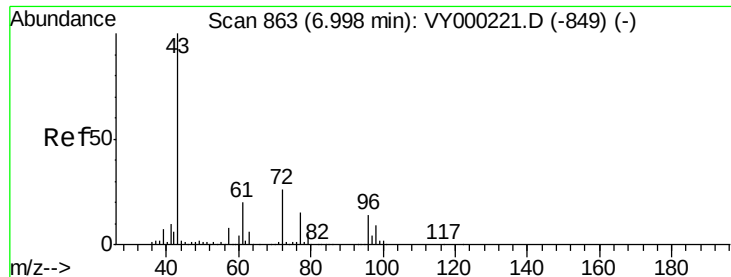
77 100

97 23.0 11.7 35.0



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



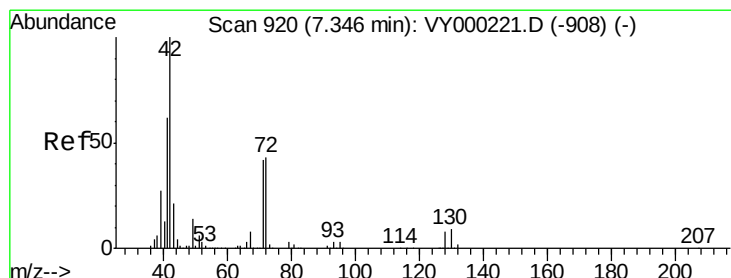
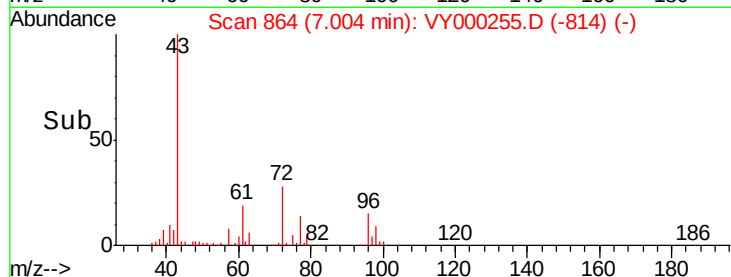
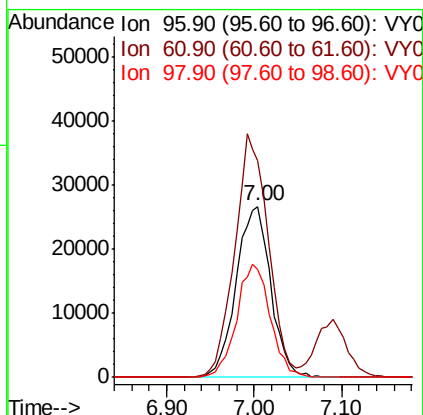
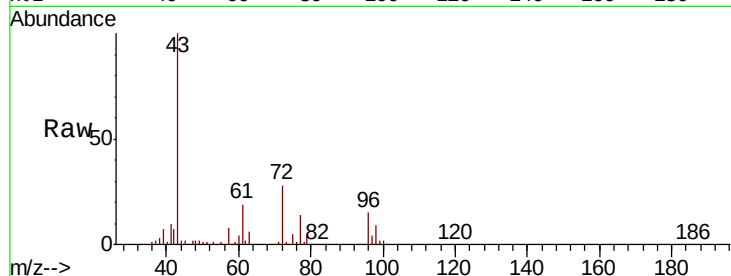


#27

cis-1,2-Dichloroethene
 Concen: 18.558 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :

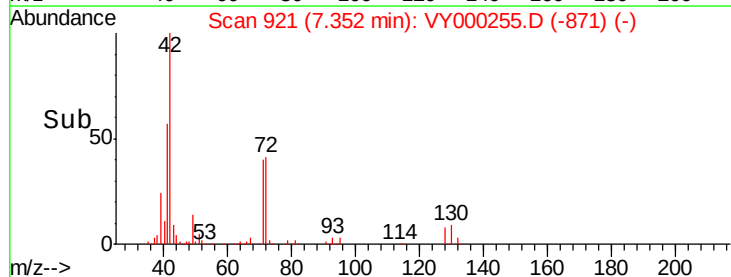
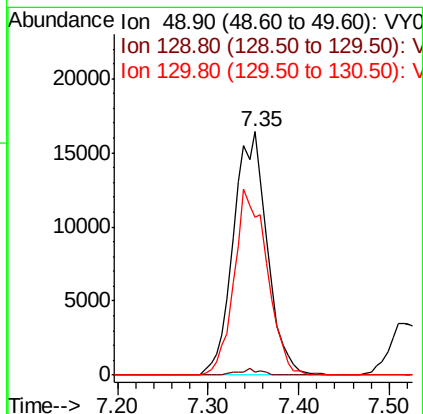
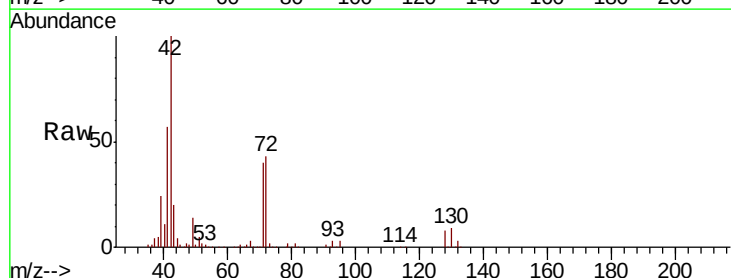
Tot Ion: 96 Resp: 73178
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 282.6
 98 64.5 0.0 129.8

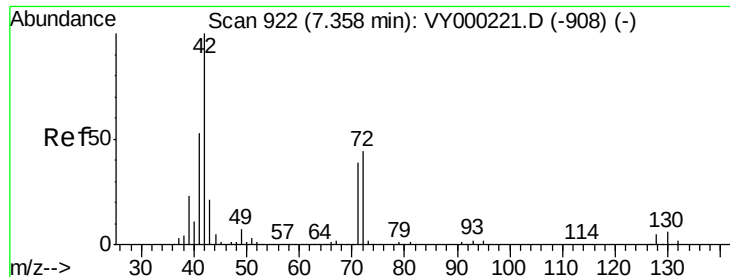


#28

Bromochloromethane
 Concen: 21.754 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion: 49 Resp: 42430
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 74.2 56.5 84.7

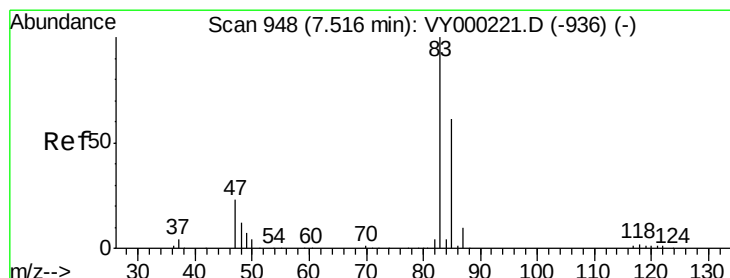
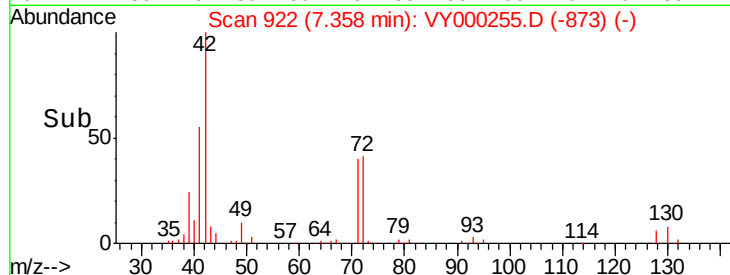
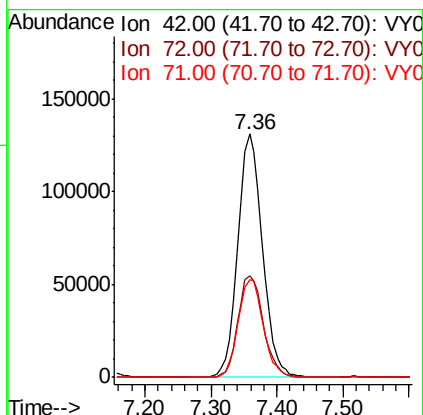
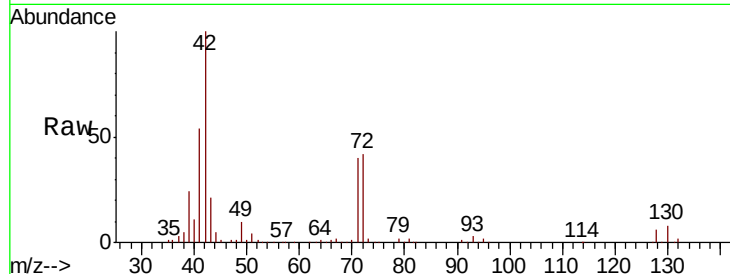




#29
Tetrahydrofuran
Concen: 93.943 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

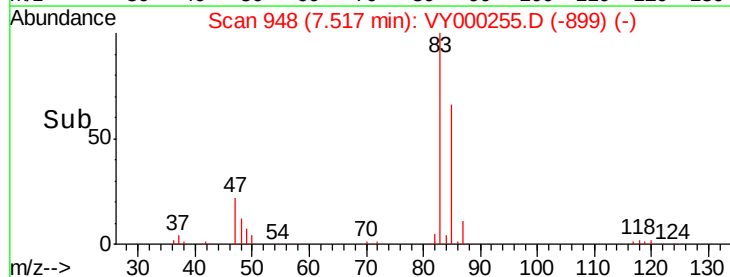
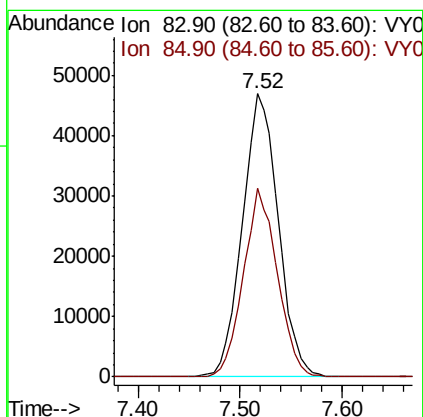
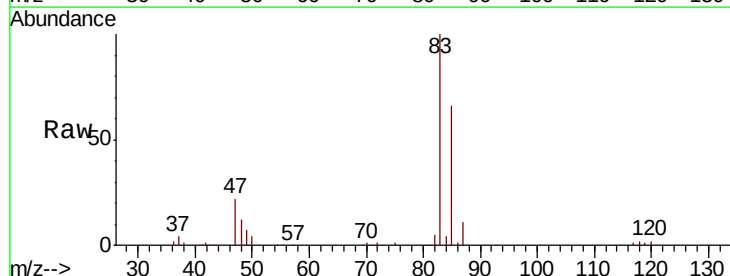
Instrument :
MSVOA_Y
ClientSampleId :

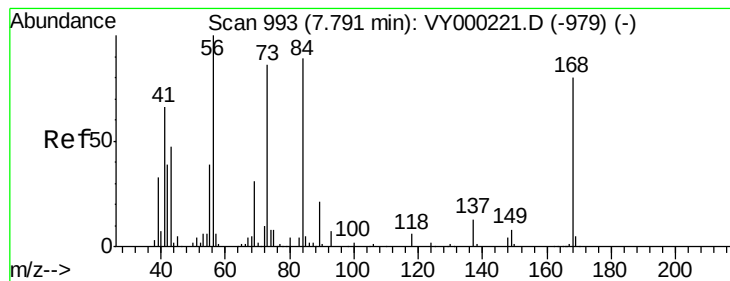
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	51.8
71	41.1	31.9	47.9



#30
Chloroform
Concen: 18.639 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	48.9	73.3





#31

Cyclohexane

Concen: 17.431 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :

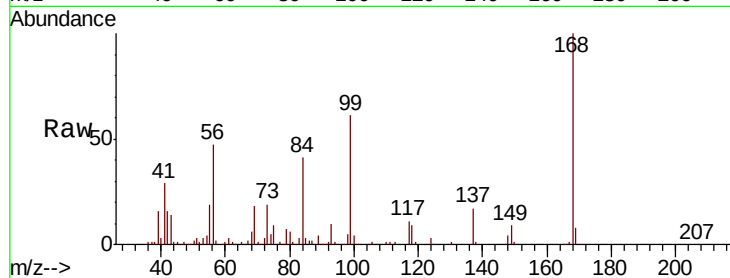
Tot Ion: 56 Resp: 104326

Ion Ratio Lower Upper

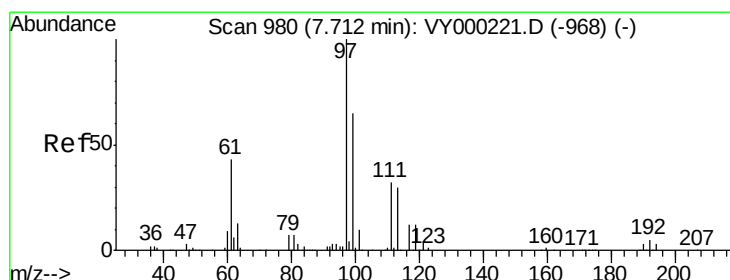
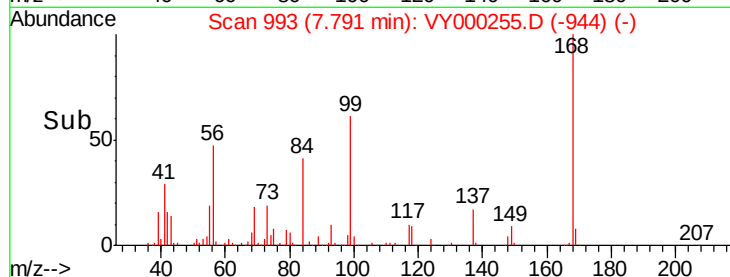
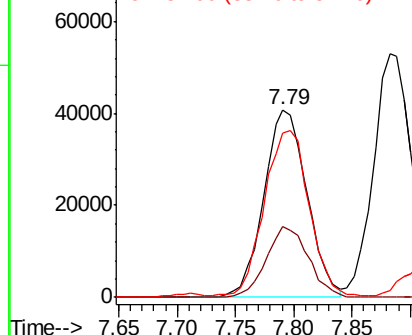
56 100

69 37.6 24.7 37.1#

84 85.9 71.3 106.9



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: 19.180 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

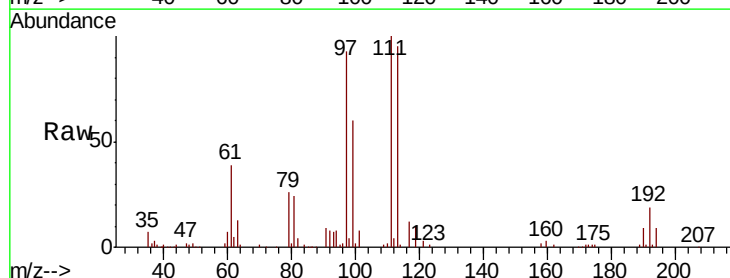
Tgt Ion: 97 Resp: 100277

Ion Ratio Lower Upper

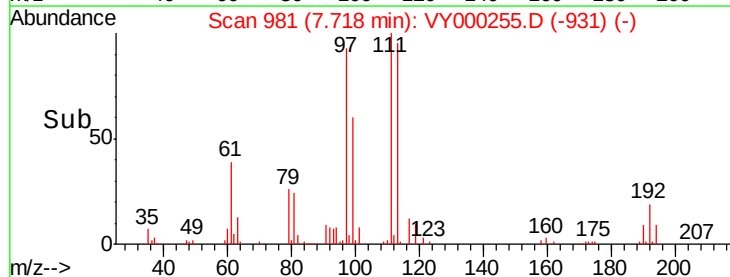
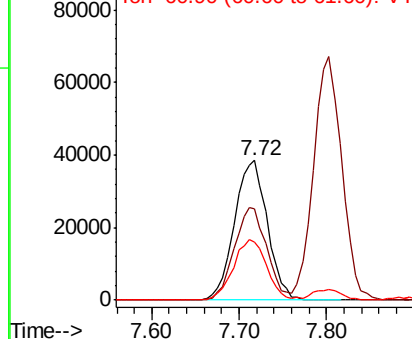
97 100

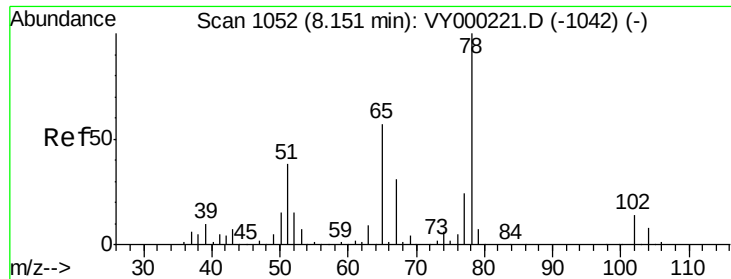
99 66.0 51.4 77.2

61 43.7 34.2 51.4



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

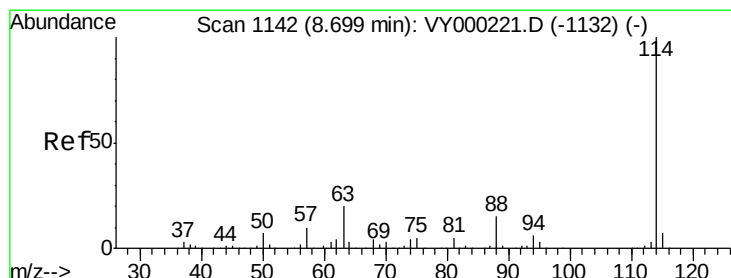
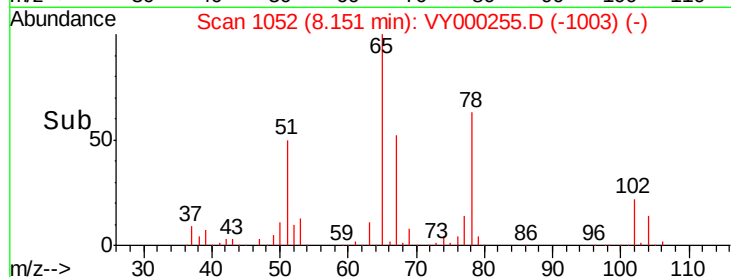
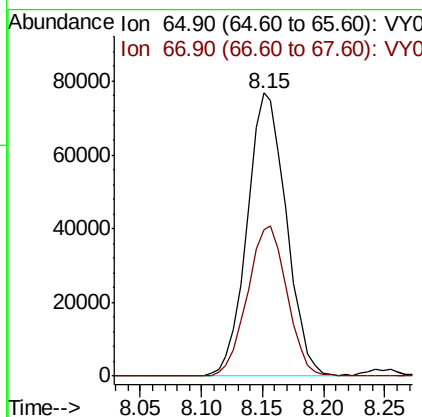
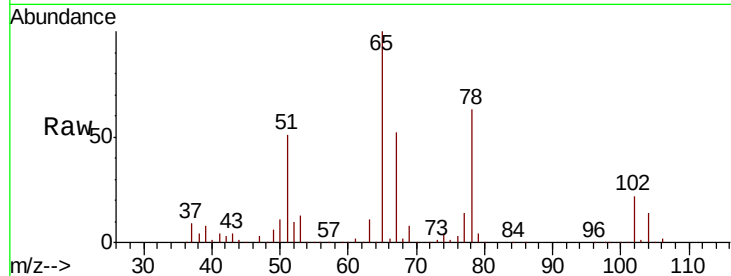




#33
 1,2-Dichloroethane-d4
 Concen: 49.050 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

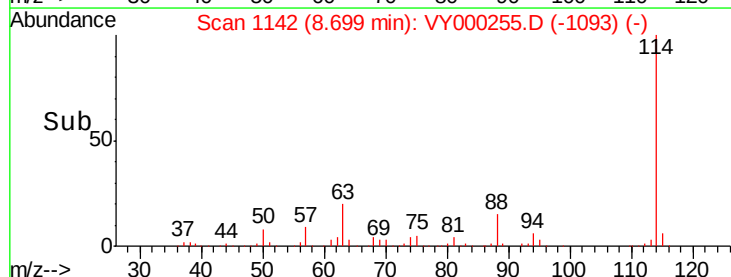
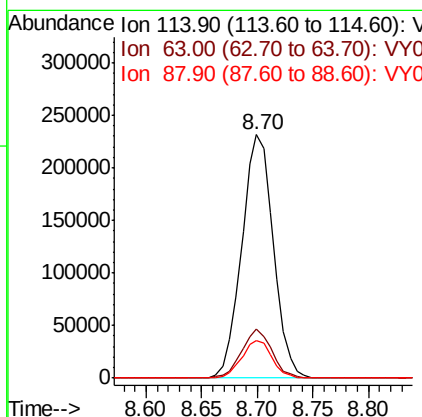
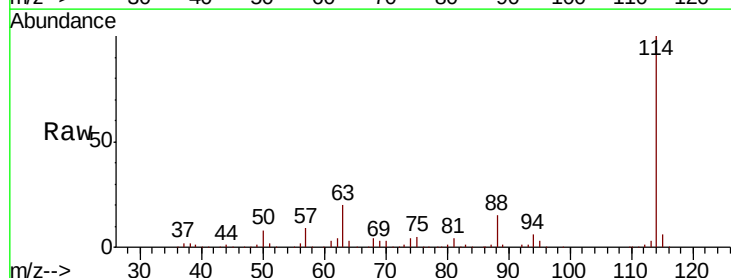
Instrument :
 MSVOA_Y
 ClientSampled :

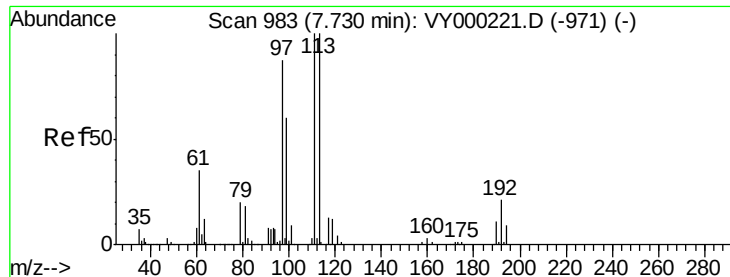
Tot Ion: 65 Resp: 170749
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion: 114 Resp: 457018
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.4 0.0 30.6

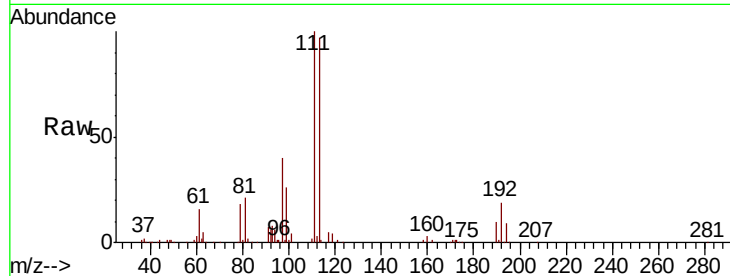




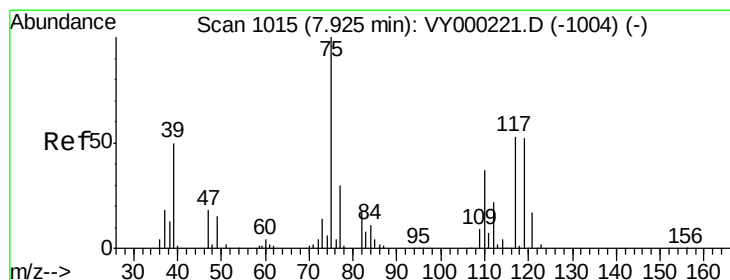
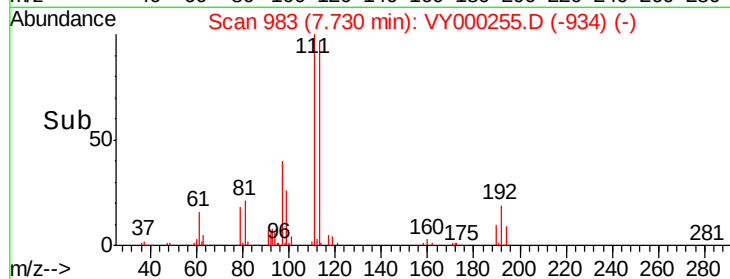
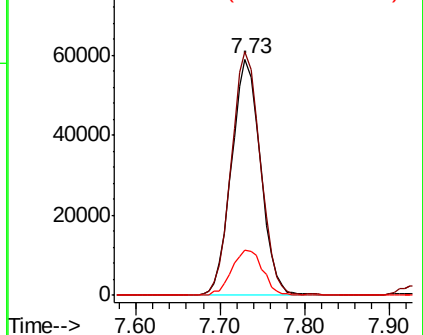
#35
Dibromofluoromethane
Concen: 48.203 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113 Resp: 137261
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.4 15.8 23.8

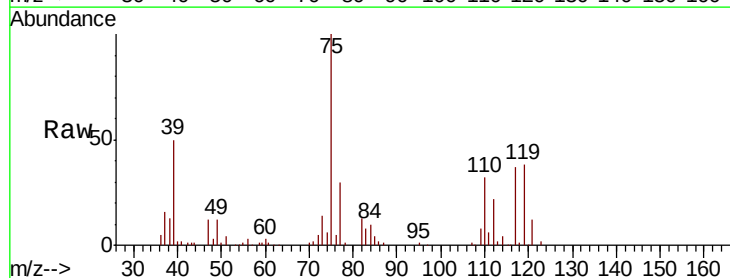


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

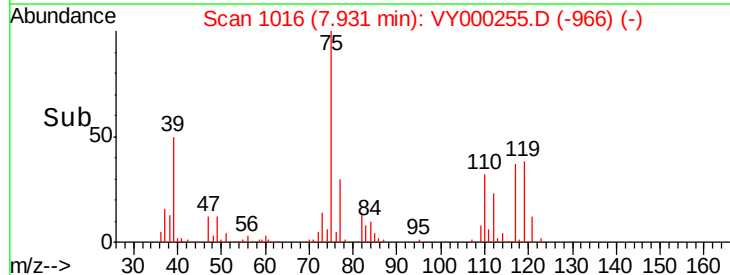
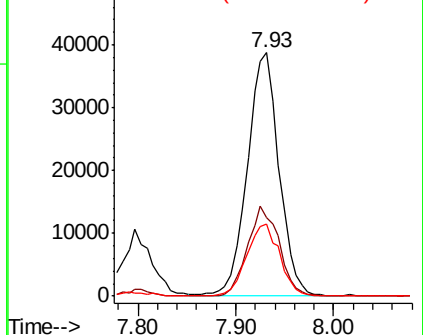


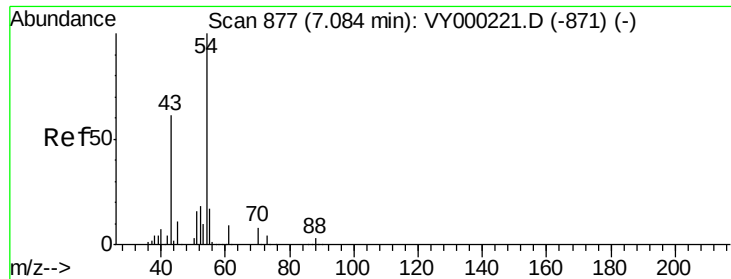
#36
1,1-Dichloropropene
Concen: 18.803 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 75 Resp: 87437
Ion Ratio Lower Upper
75 100
110 36.7 18.4 55.2
77 30.5 24.7 37.1



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

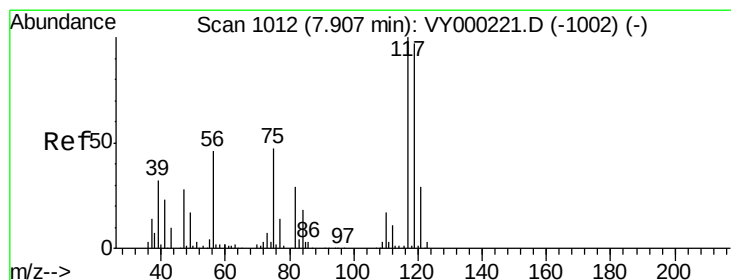
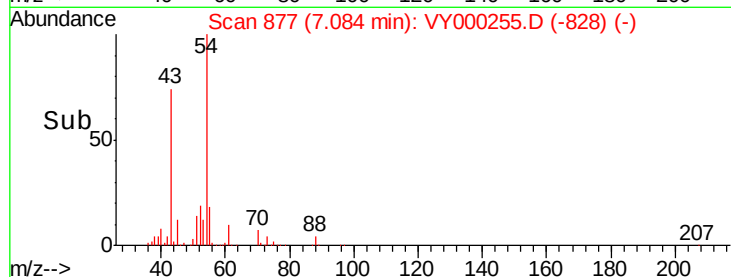
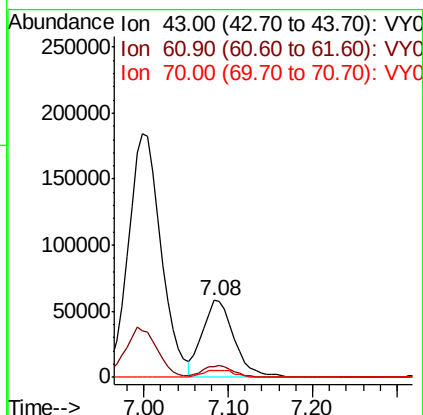
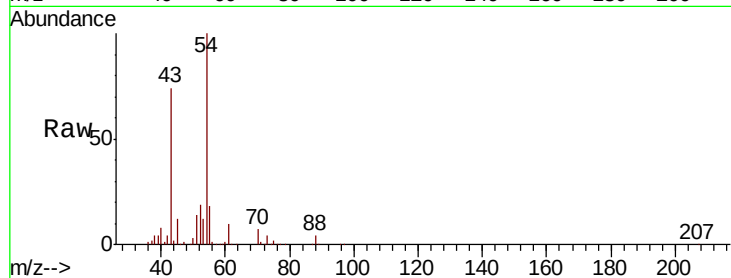




#37
Ethyl Acetate
Concen: 18.176 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

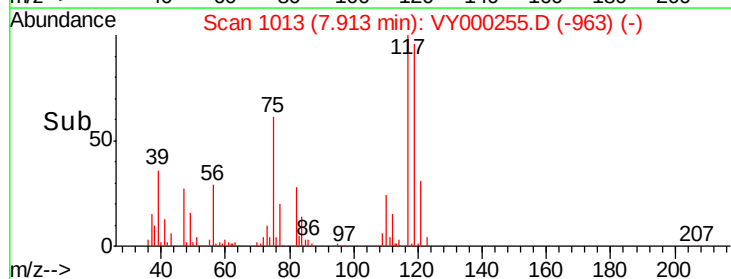
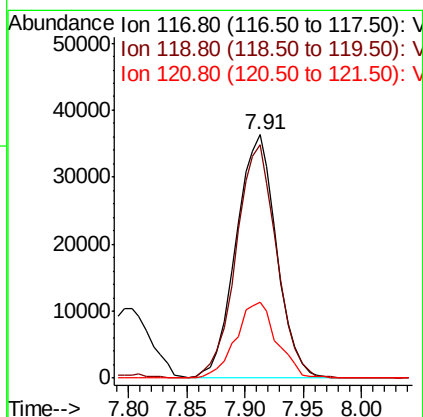
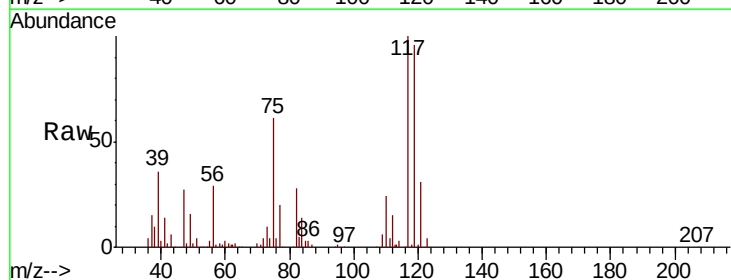
Instrument :
MSVOA_Y
ClientSampleId :

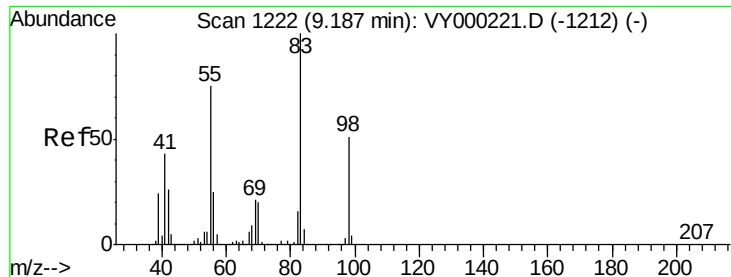
Tot Ion: 43 Resp: 152794
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 10.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.423 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 117 Resp: 88029
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8
121 31.0 23.1 34.7

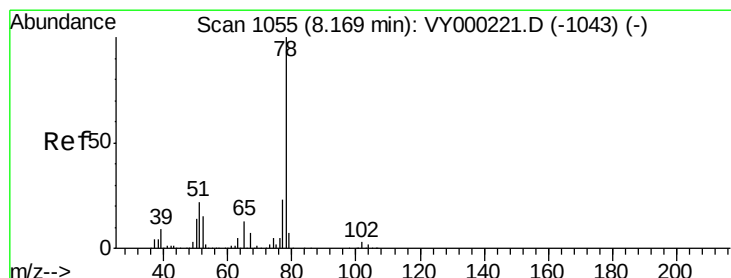
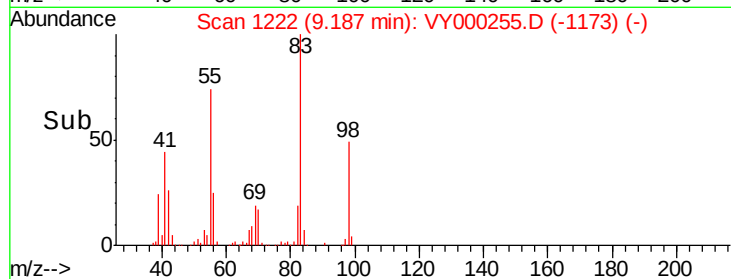
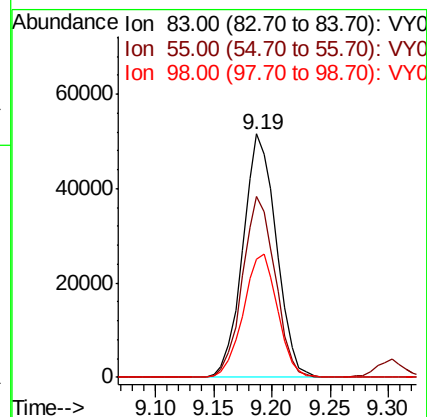
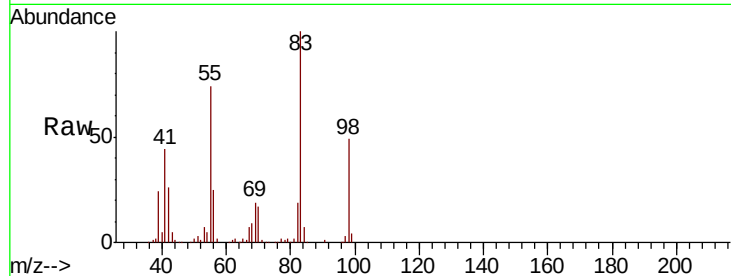




#39
Methylvlcyclohexane
Concen: 17.687 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

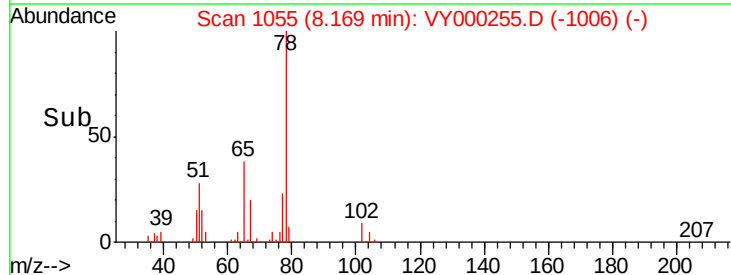
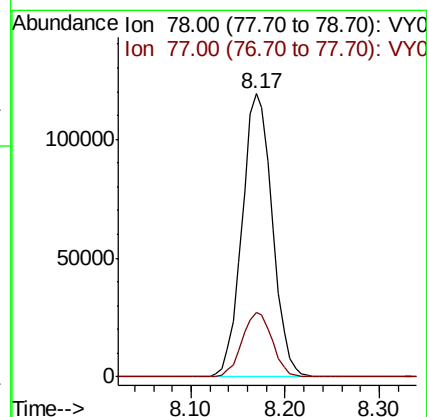
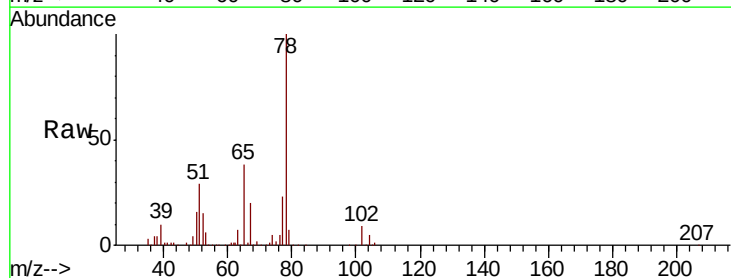
Instrument :
MSVOA_Y
ClientSampleId :

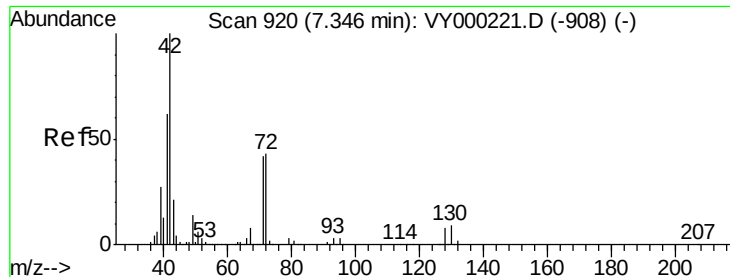
Tot Ion: 83 Resp: 103177
Ion Ratio Lower Upper
83 100
55 74.4 60.2 90.4
98 48.7 40.5 60.7



#40
Benzene
Concen: 18.923 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 78 Resp: 266928
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

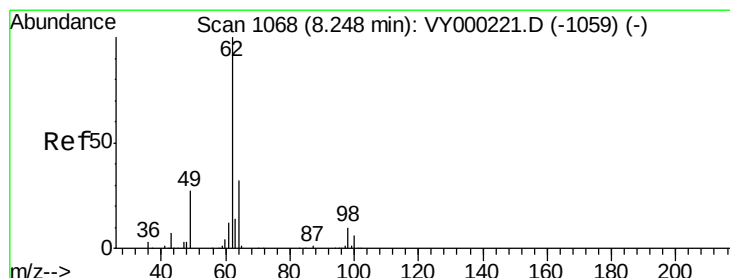
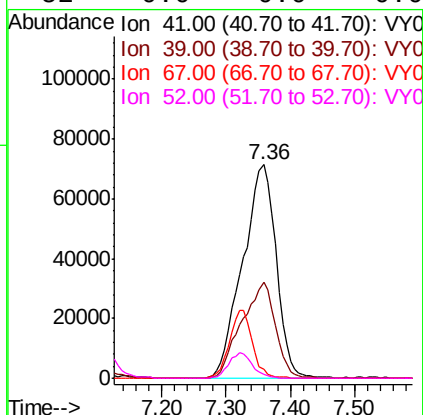
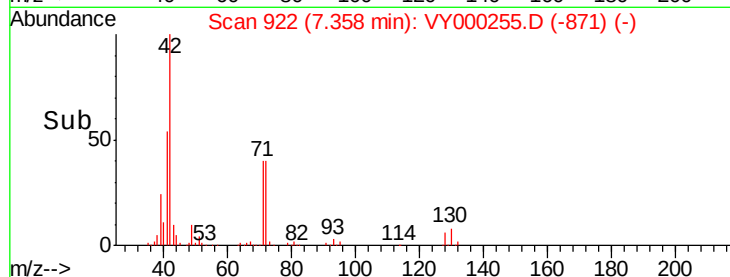
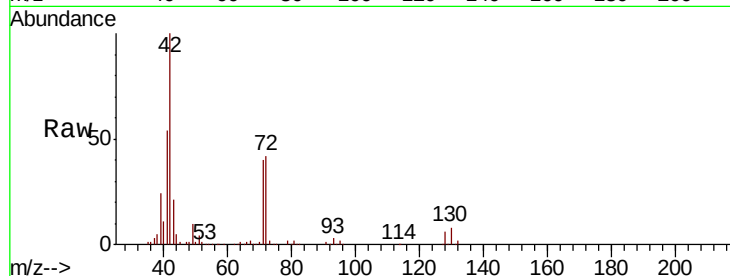




#41
Methacrylonitrile
Concen: 38.793 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

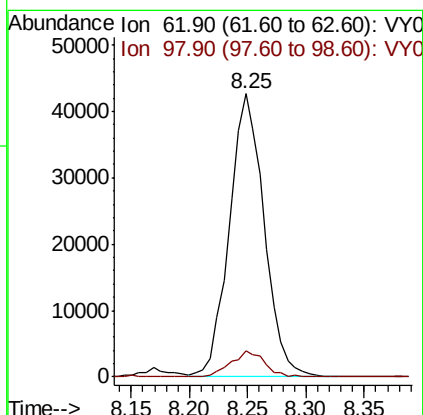
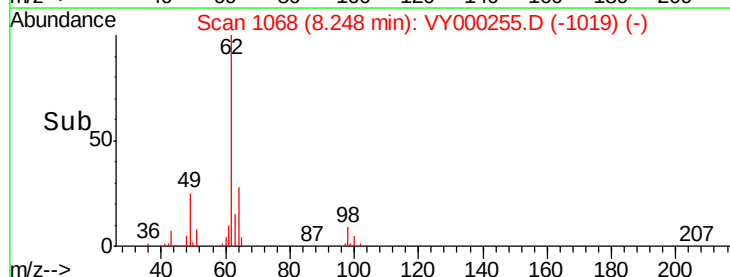
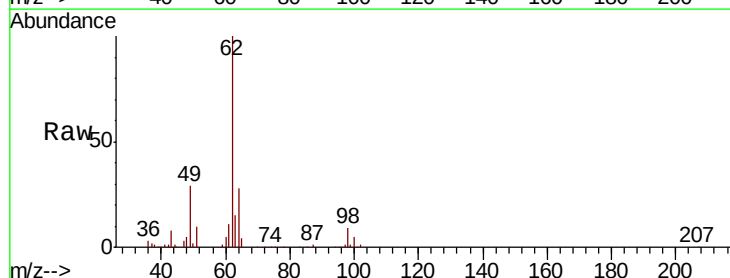
Instrument :
MSVOA_Y
ClientSampled :

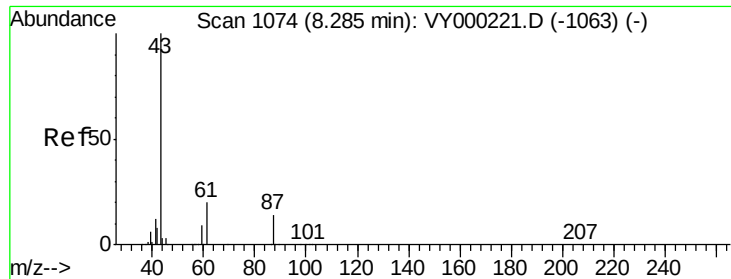
Tot Ion: 41 Resp: 256682
Ion Ratio Lower Upper
41 100
39 45.5 74.7 112.1#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.436 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 62 Resp: 89053
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.0





#43

Isopropyl Acetate

Concen: 18.938 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

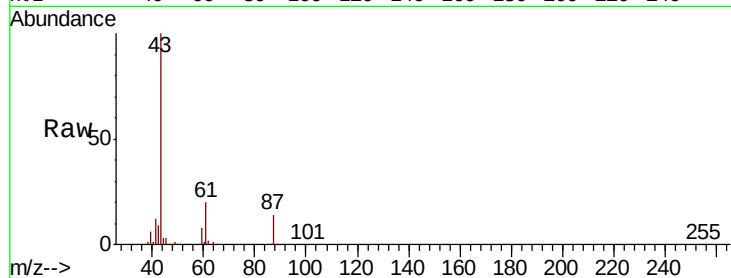
Tot Ion: 43 Resp: 204920

Ion Ratio Lower Upper

43 100

61 24.9 20.1 30.1

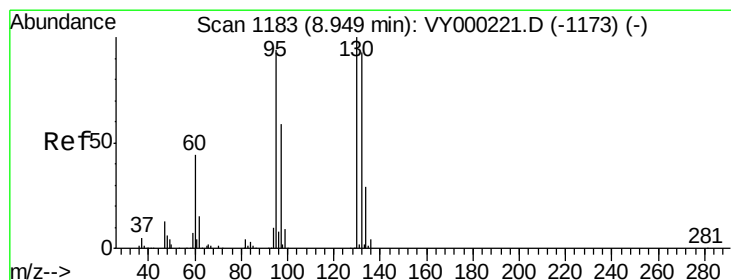
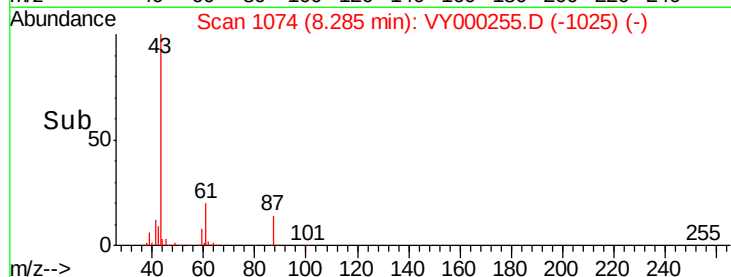
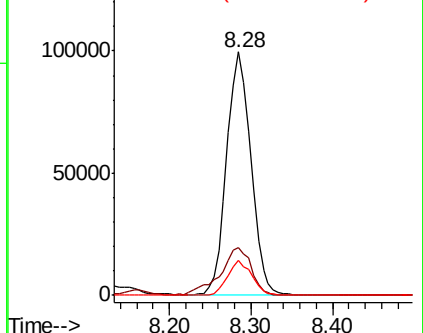
87 14.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000255.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY000255.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY000255.D (-1025) (-)



#44

Trichloroethene

Concen: 19.043 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000255.D

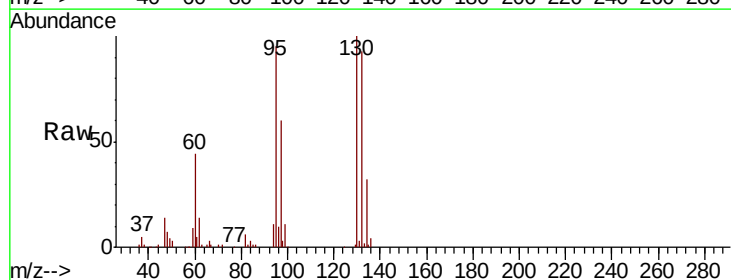
Acq: 10 Oct 2019 16:00

Tgt Ion: 130 Resp: 72844

Ion Ratio Lower Upper

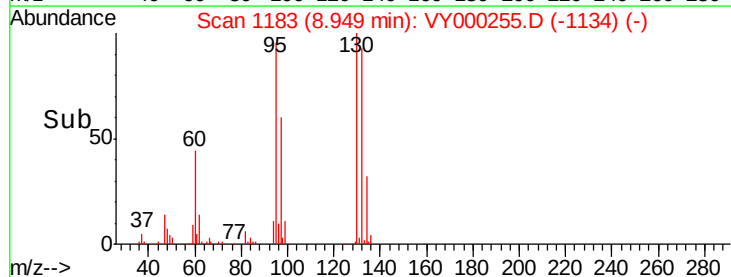
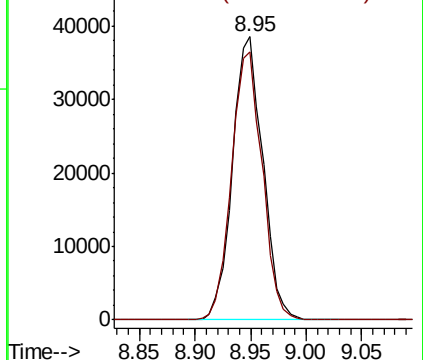
130 100

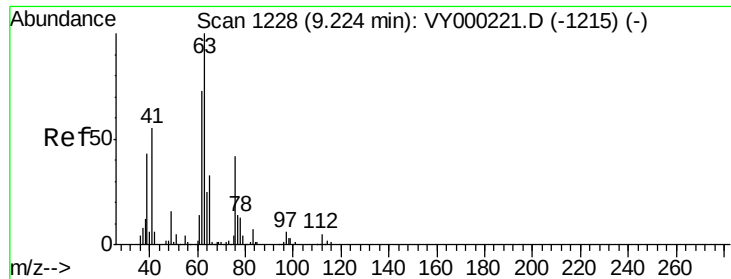
95 94.6 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VY000255.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY000255.D (-1134) (-)





#45

1,2-Dichloropropane

Concen: 19.264 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

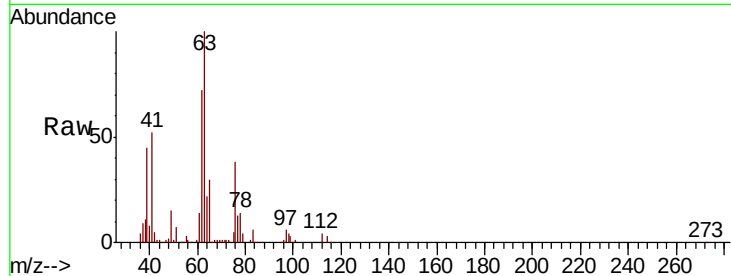
ClientSampleId :

Tot Ion: 63 Resp: 68064

Ion Ratio Lower Upper

63 100

65 29.7 26.6 39.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

40000

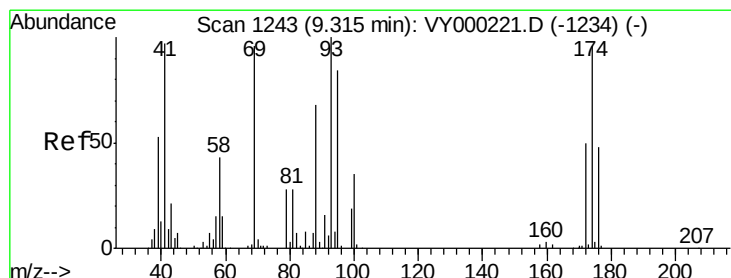
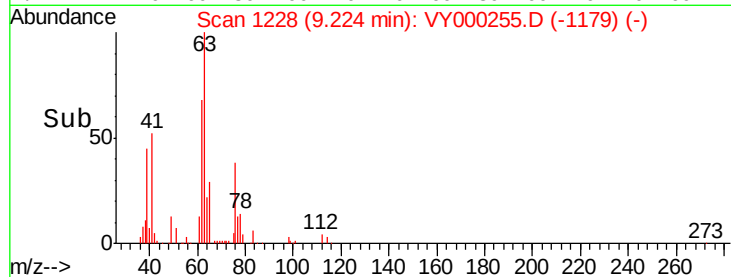
30000

20000

10000

0

Time--> 9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 18.612 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

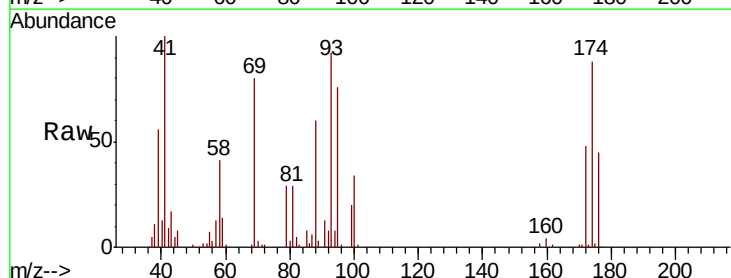
Tgt Ion: 93 Resp: 46101

Ion Ratio Lower Upper

93 100

95 80.9 67.0 100.6

174 96.0 77.5 116.3



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

30000

25000

20000

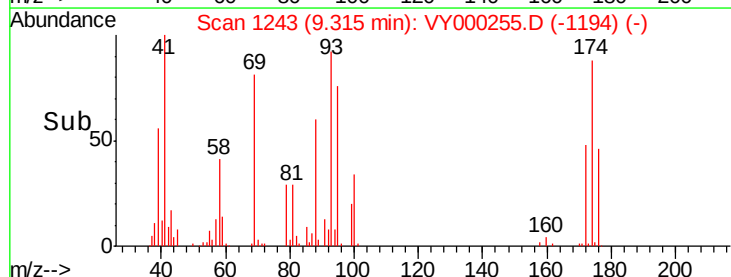
15000

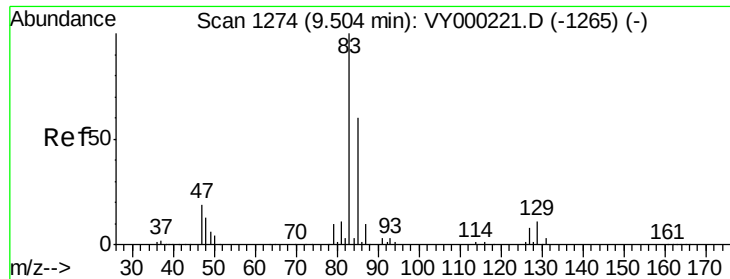
10000

5000

0

Time--> 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 18.706 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

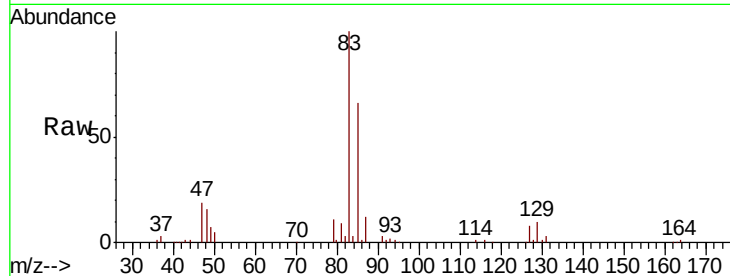
Tot Ion: 83 Resp: 90632

Ion Ratio Lower Upper

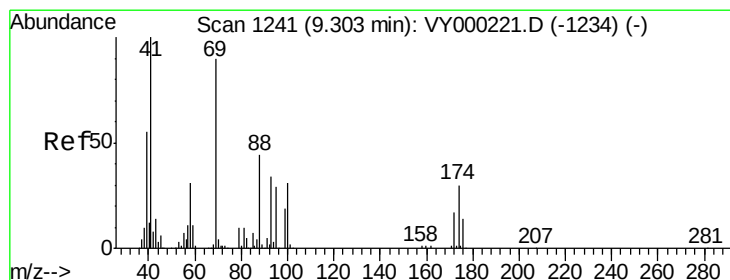
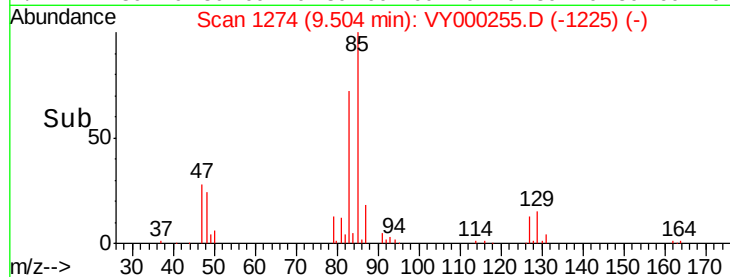
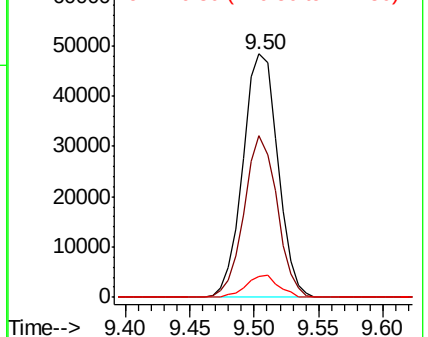
83 100

85 66.5 48.0 72.0

127 8.4 6.5 9.7



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): V



#48

Methyl methacrylate

Concen: 18.847 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

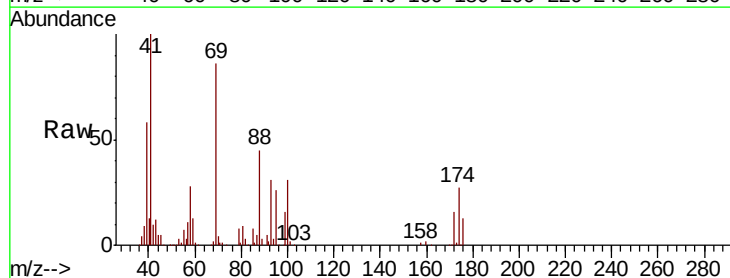
Tgt Ion: 41 Resp: 92047

Ion Ratio Lower Upper

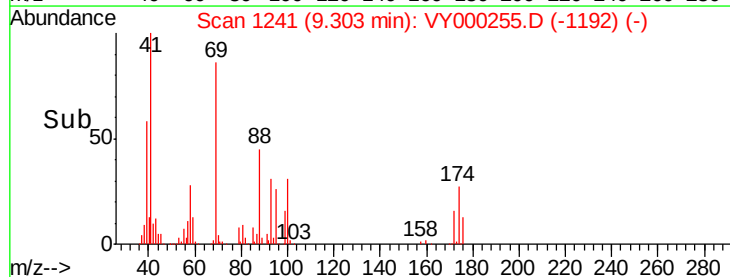
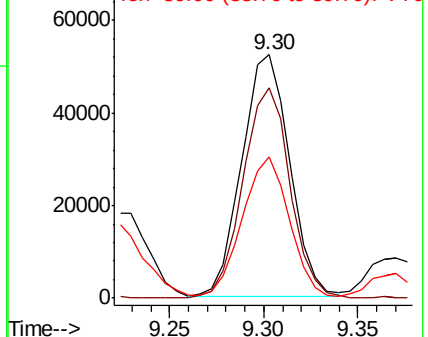
41 100

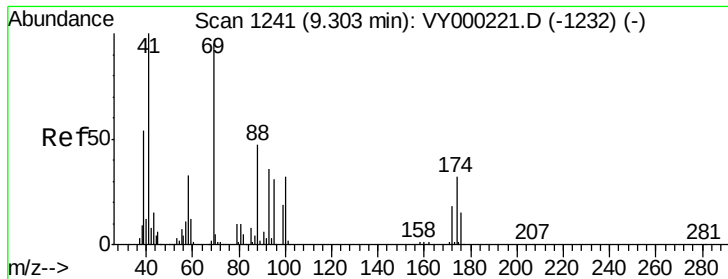
69 85.6 70.3 105.5

39 58.0 45.5 68.3



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





#49

1,4-Dioxane

Concen: 384.791 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampled :

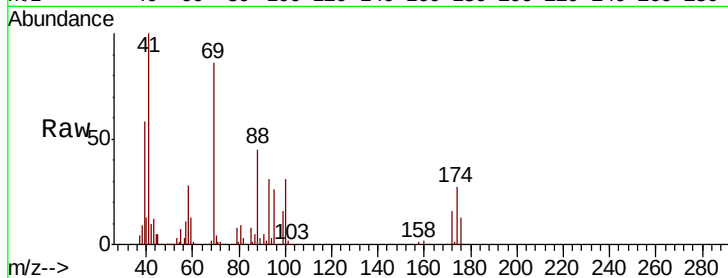
Tot Ion: 88 Resp: 48243

Ion Ratio Lower Upper

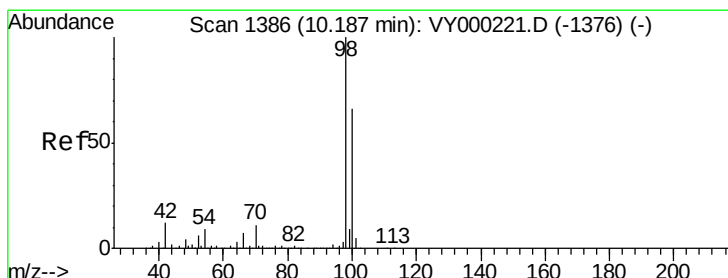
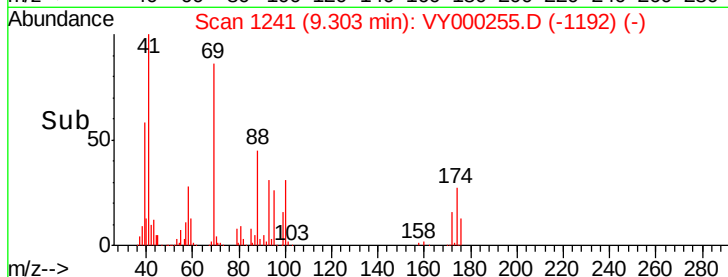
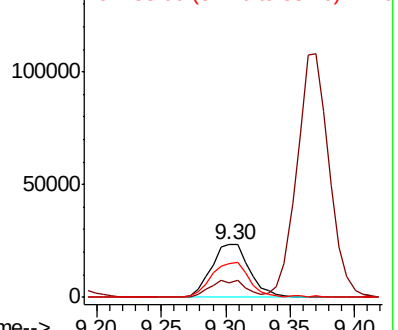
88 100

43 30.6 24.5 36.7

58 66.8 54.2 81.2



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



#50

Toluene-d8

Concen: 47.423 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000255.D

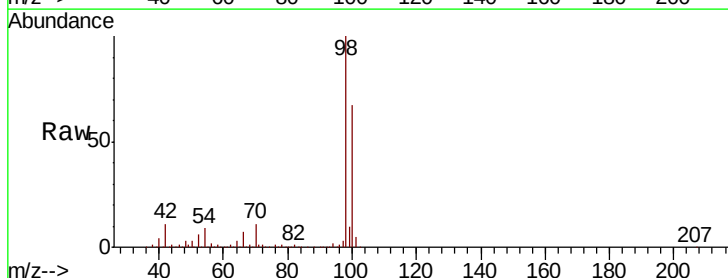
Acq: 10 Oct 2019 16:00

Tgt Ion: 98 Resp: 530462

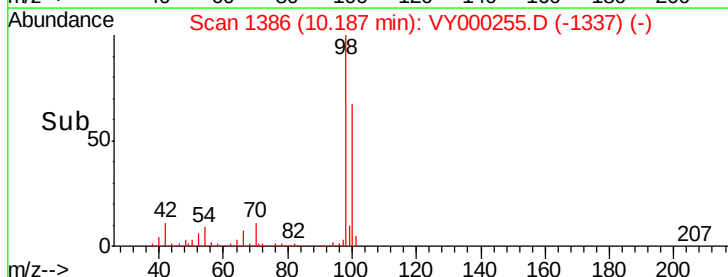
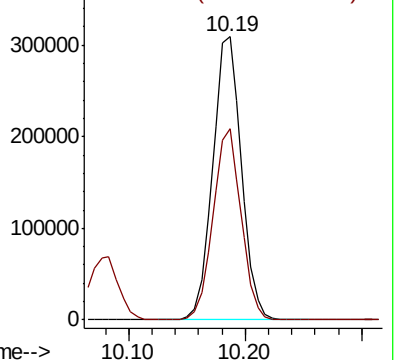
Ion Ratio Lower Upper

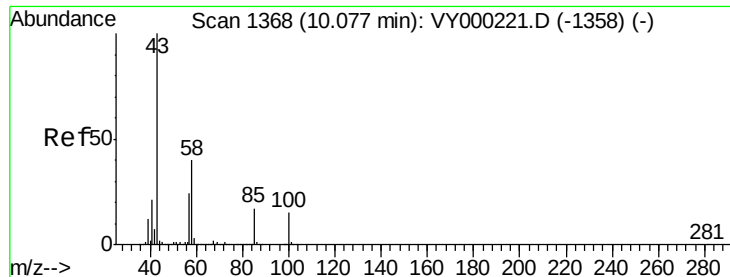
98 100

100 66.2 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 96.787 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

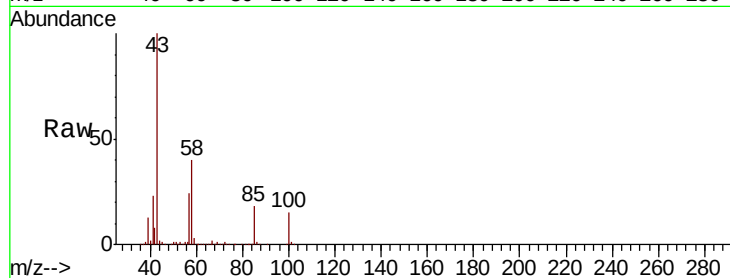
ClientSampleId :

Tot Ion: 43 Resp: 787074

Ion Ratio Lower Upper

43 100

58 39.2 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

400000

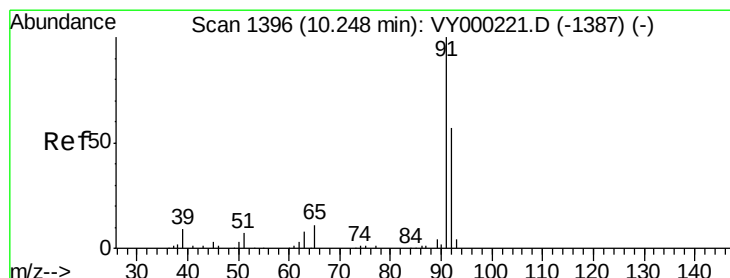
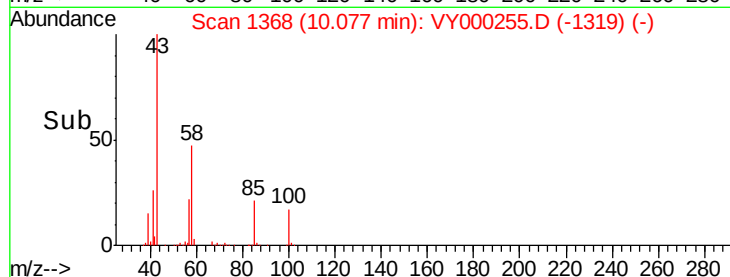
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.549 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000255.D

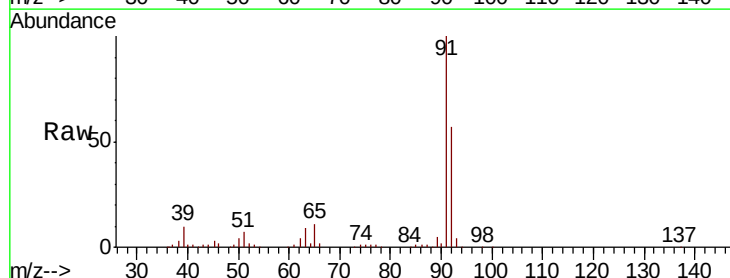
Acq: 10 Oct 2019 16:00

Tgt Ion: 92 Resp: 167823

Ion Ratio Lower Upper

92 100

91 169.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

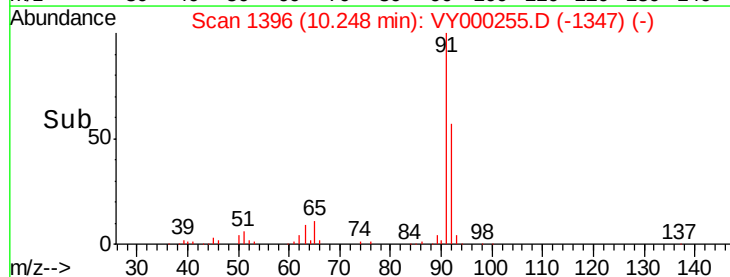
150000

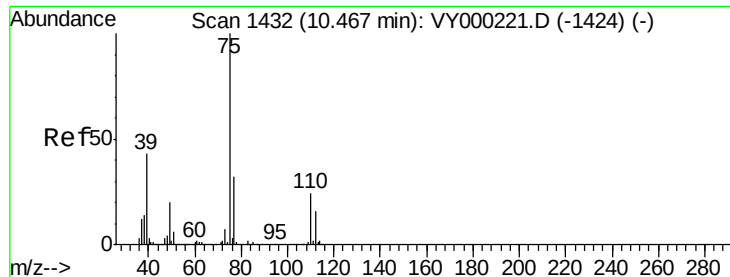
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.694 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

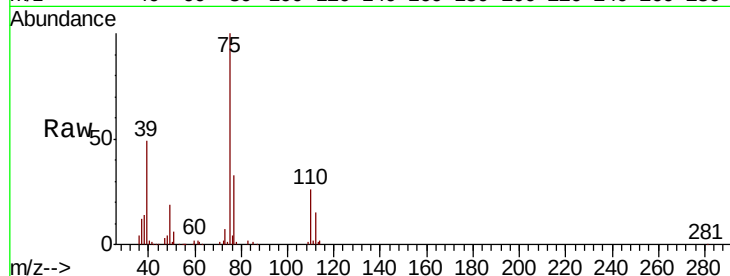
ClientSampleId :

Tot Ion: 75 Resp: 102757

Ion Ratio Lower Upper

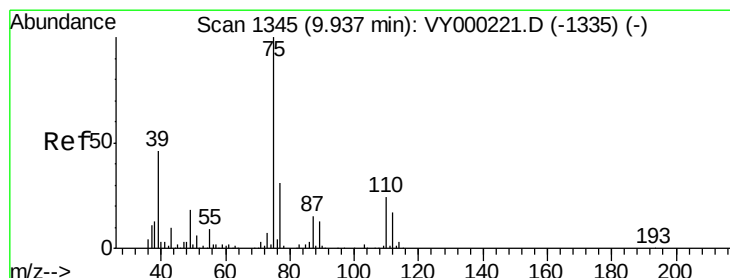
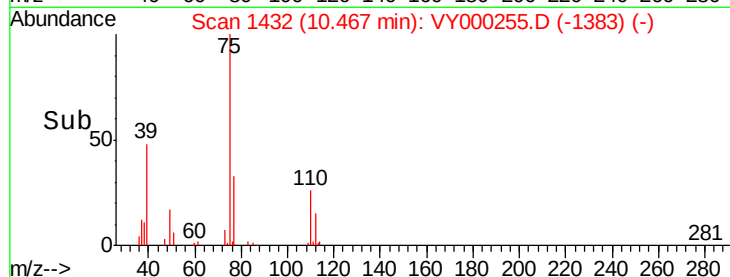
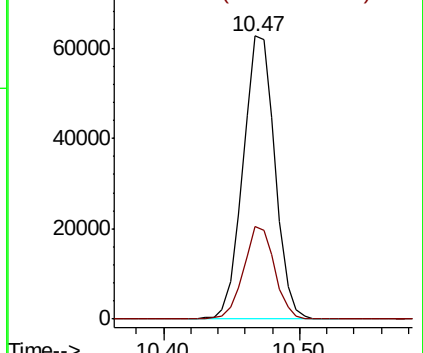
75 100

77 32.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 18.639 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

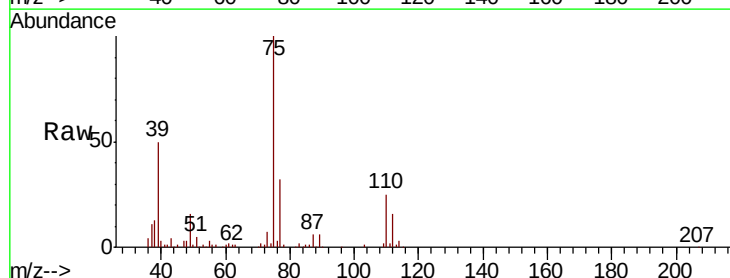
Tgt Ion: 75 Resp: 110863

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

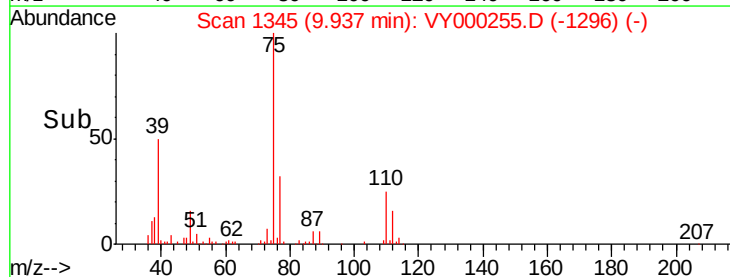
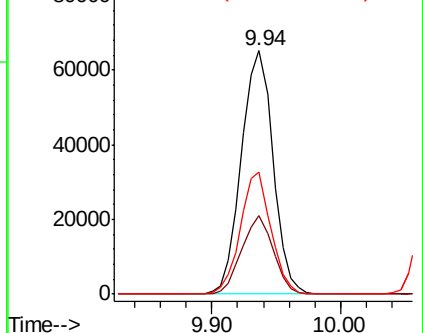
39 50.1 36.3 54.5

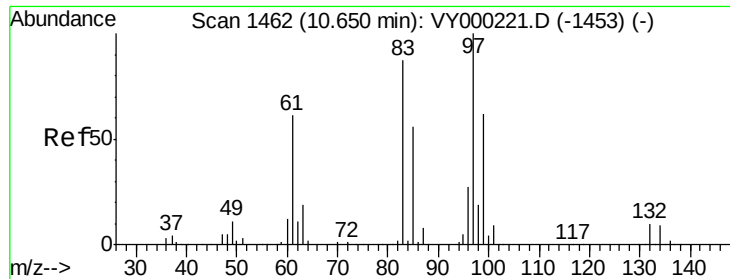


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

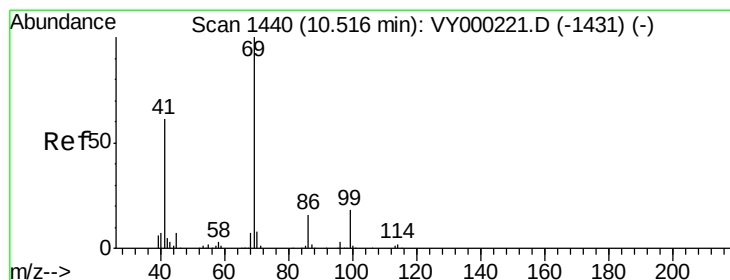
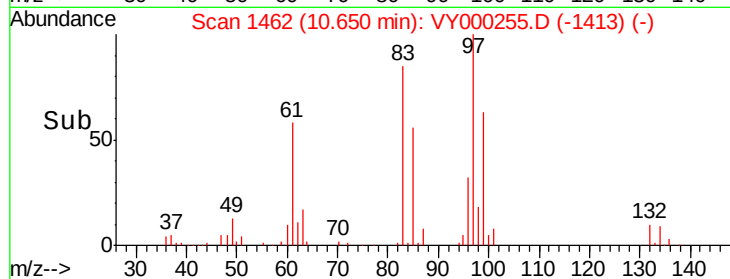
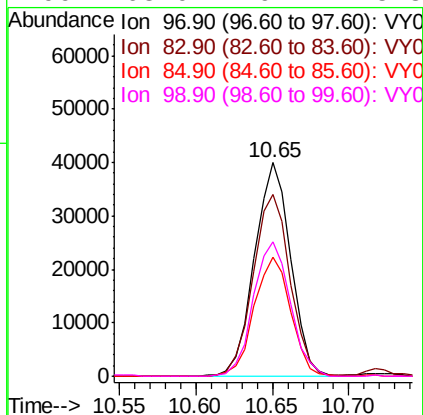
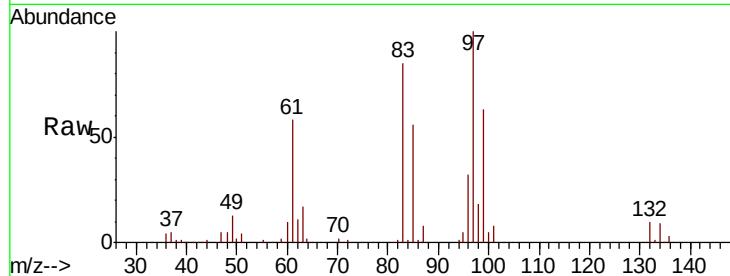




#55
 1,1,2-Trichloroethane
 Concen: 18.430 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

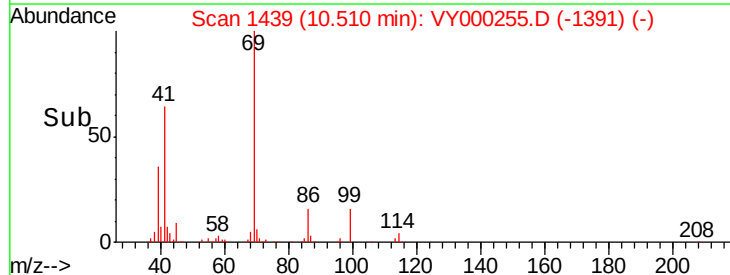
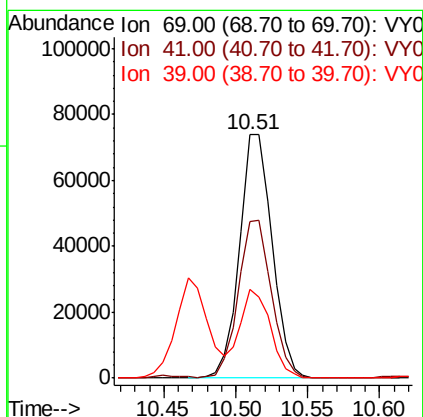
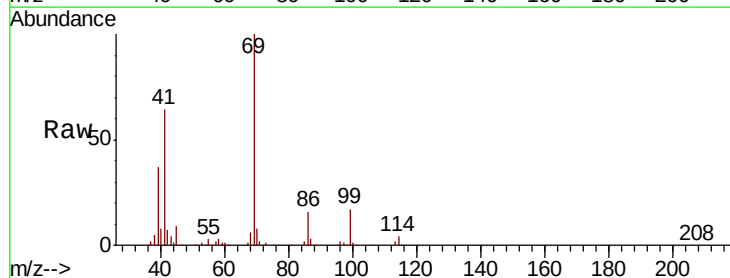
Instrument :
 MSVOA_Y
 ClientSampled :

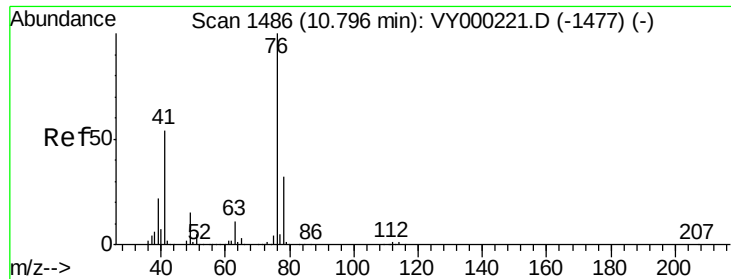
Tot Ion: 97 Resp: 65750
 Ion Ratio Lower Upper
 97 100
 83 84.9 69.4 104.0
 85 55.8 44.6 66.8
 99 63.0 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 18.564 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion: 69 Resp: 116598
 Ion Ratio Lower Upper
 69 100
 41 65.0 51.2 76.8
 39 34.6 27.0 40.4

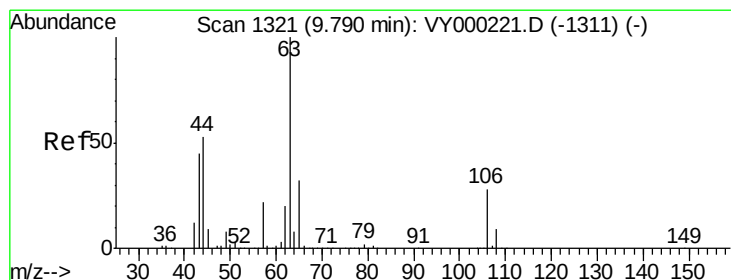
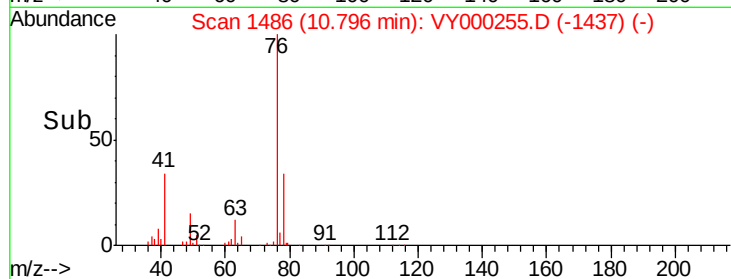
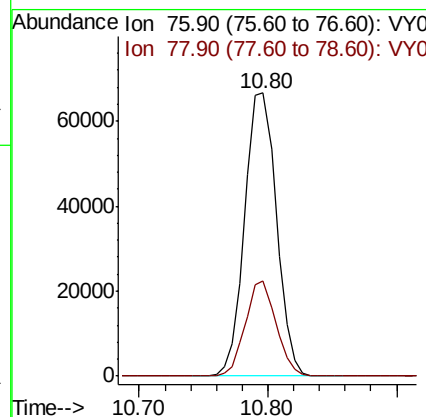
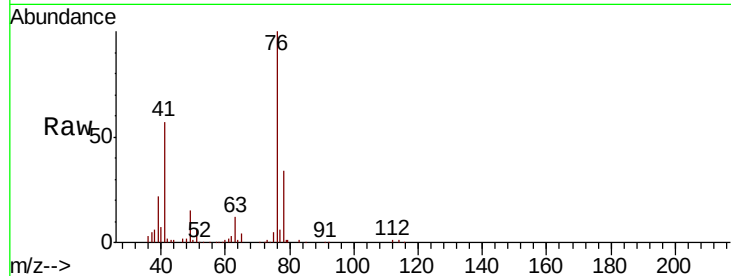




#57
 1,3-Dichloropropane
 Concen: 18.698 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

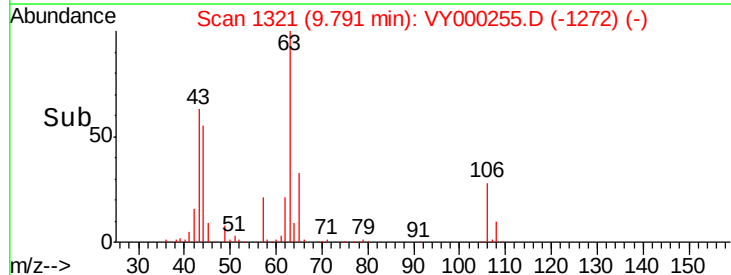
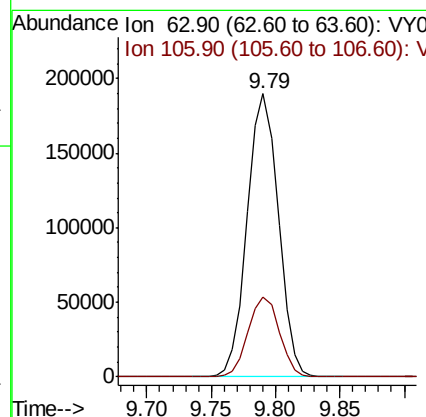
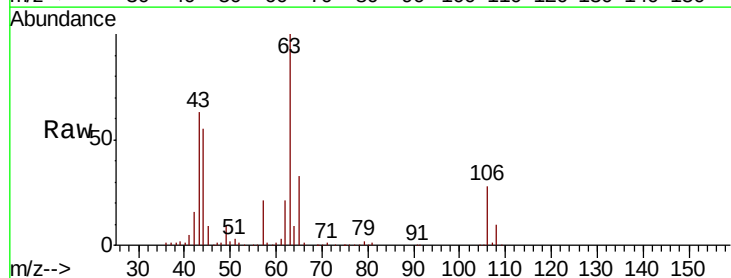
Instrument :
 MSVOA_Y
 ClientSampleId :

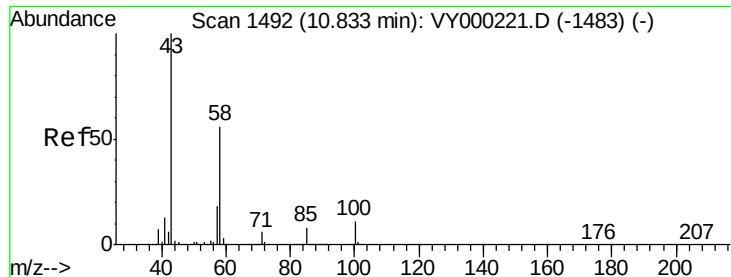
Tot Ion: 76 Resp: 113892
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.473 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion: 63 Resp: 317673
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.6 33.8

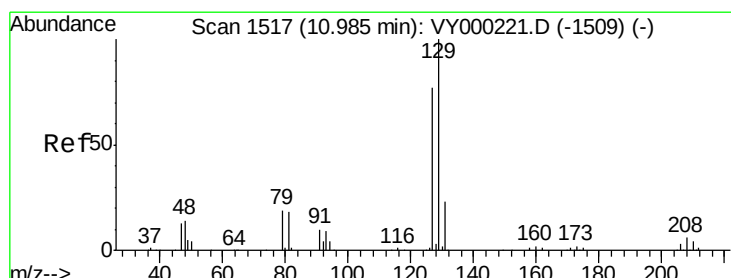
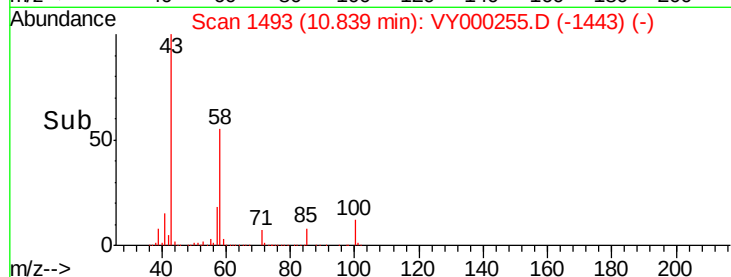
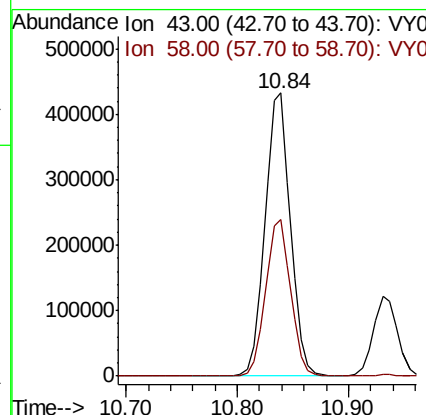
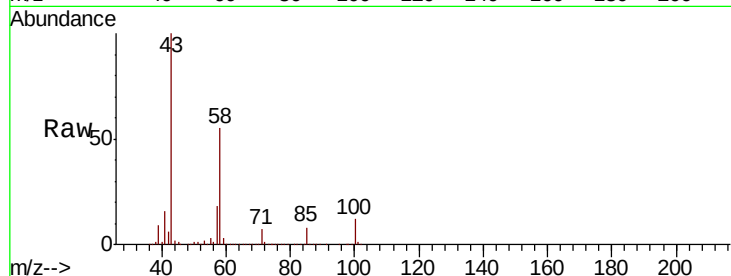




#59
2-Hexanone
Concen: 90.935 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

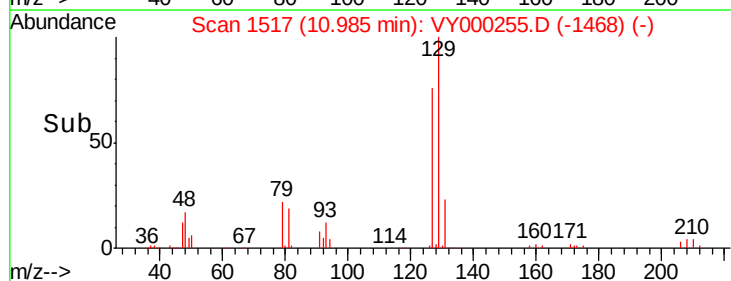
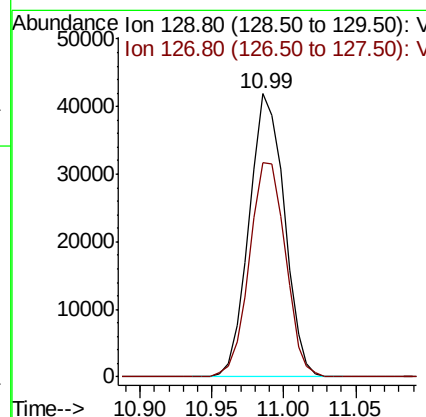
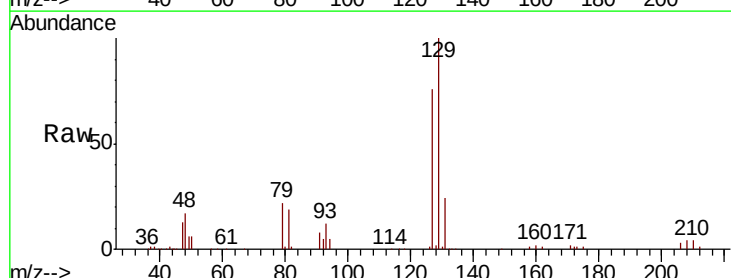
Instrument :
MSVOA_Y
ClientSampleId :

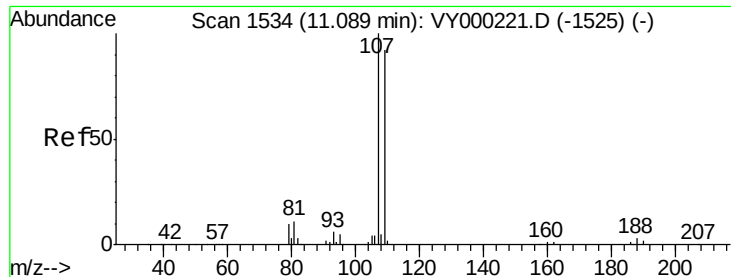
Tot Ion: 43 Resp: 686957
Ion Ratio Lower Upper
43 100
58 54.8 28.2 84.6



#60
Dibromochloromethane
Concen: 18.843 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 129 Resp: 71075
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

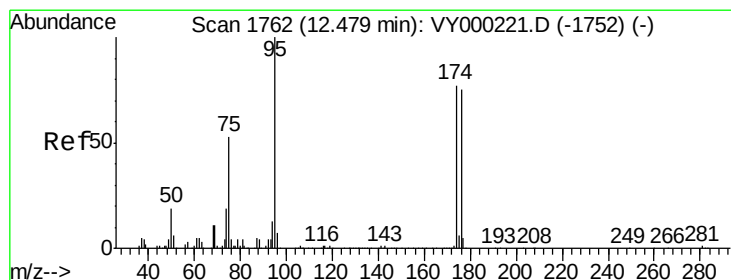
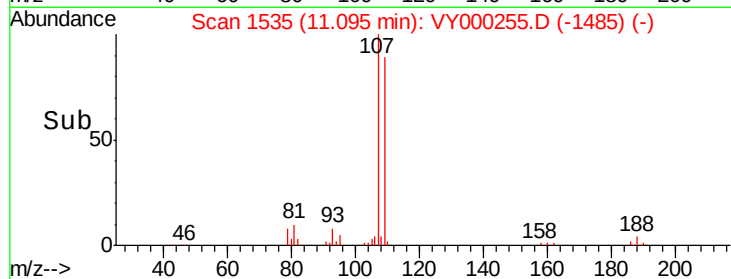
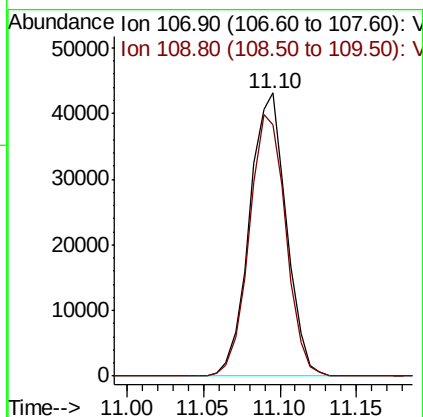
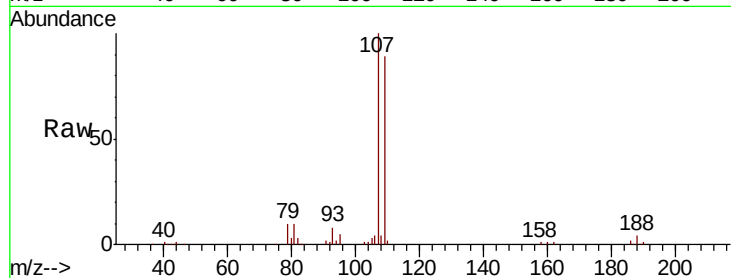




#61
 1,2-Dibromoethane
 Concen: 19.020 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

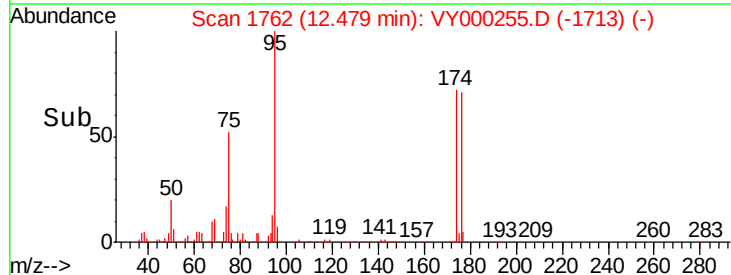
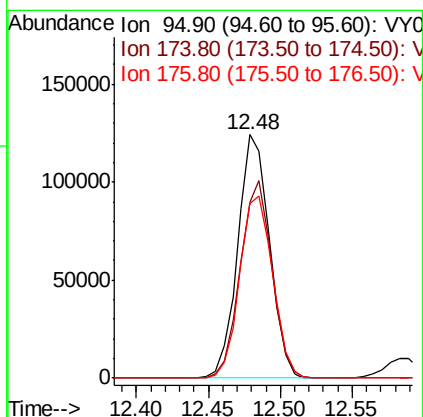
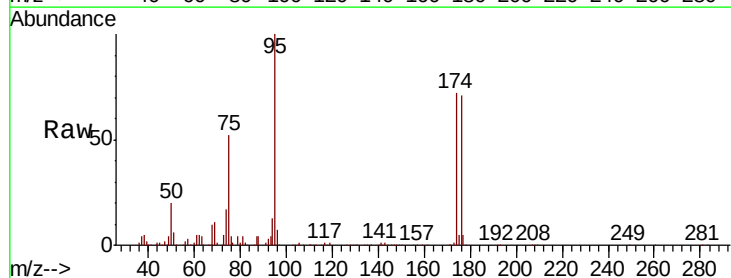
Instrument :
 MSVOA_Y
 ClientSampleId :

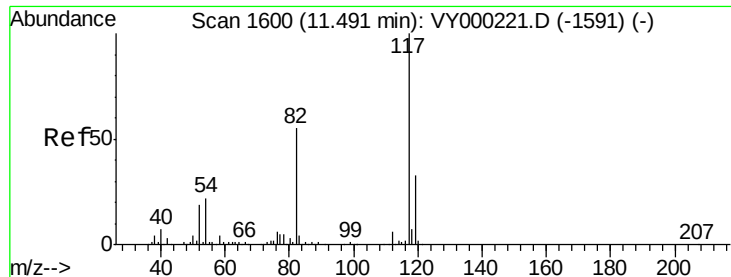
Tot Ion: 107 Resp: 72076
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.043 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion: 95 Resp: 189667
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 157.0
 176 77.8 0.0 153.0

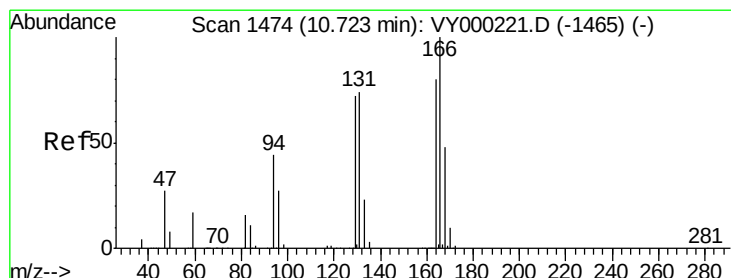
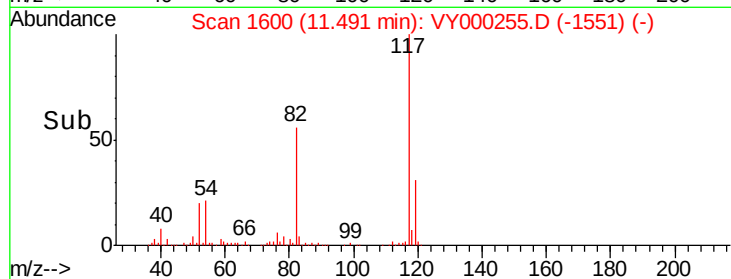
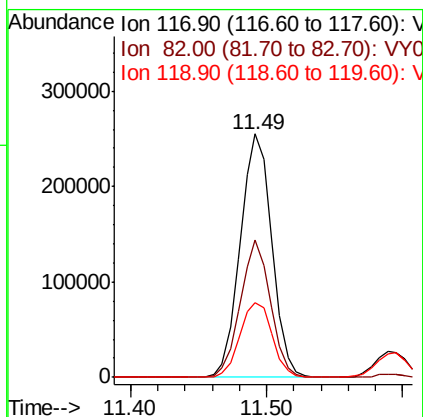
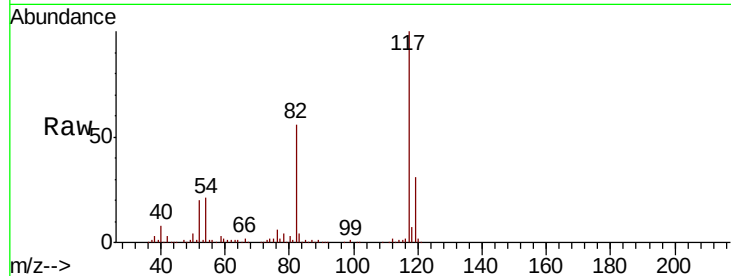




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

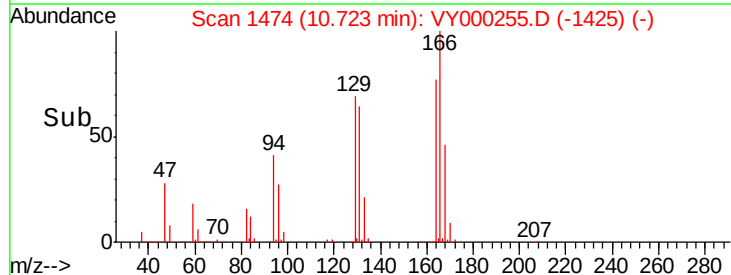
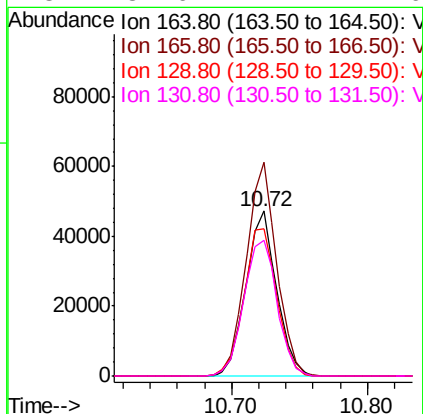
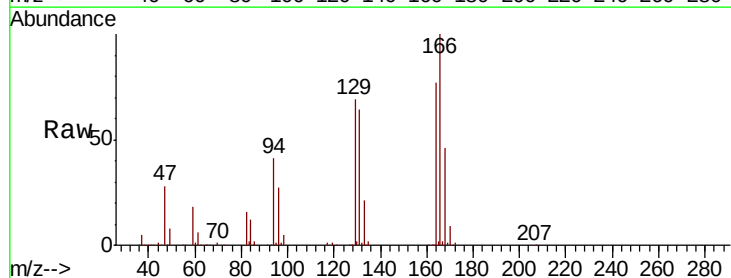
Instrument :
MSVOA_Y
ClientSampleId :

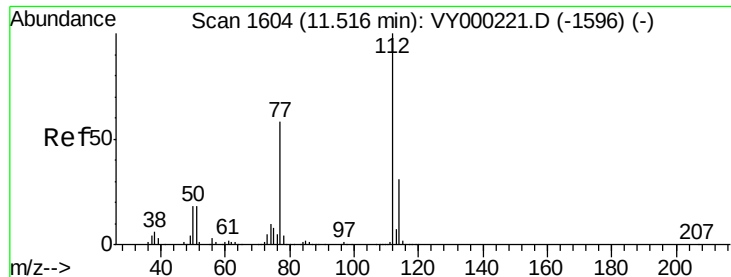
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.4	66.6
119	30.8	26.2	39.2



#64
Tetrachloroethene
Concen: 19.837 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	100.3	150.5
129	89.3	72.4	108.6
131	82.6	74.4	111.6

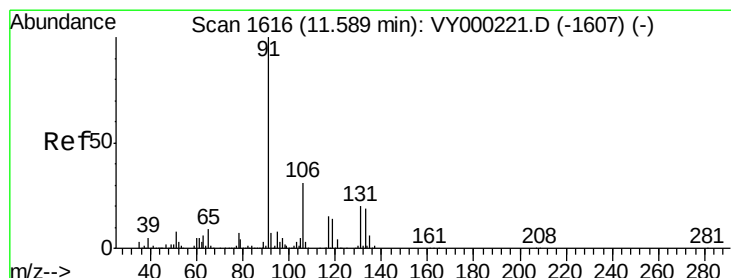
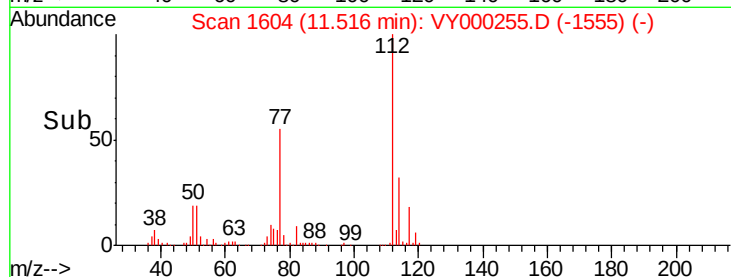
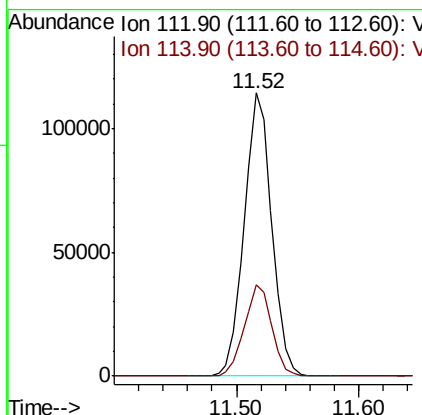
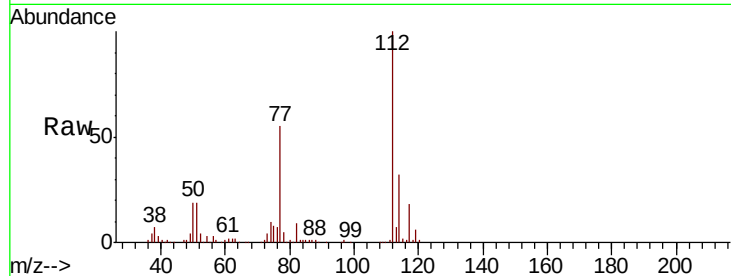




#65
Chlorobenzene
Concen: 18.665 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

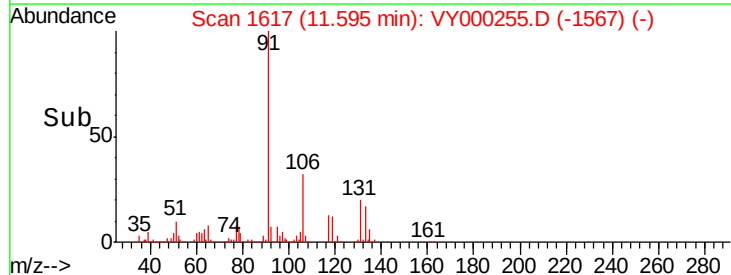
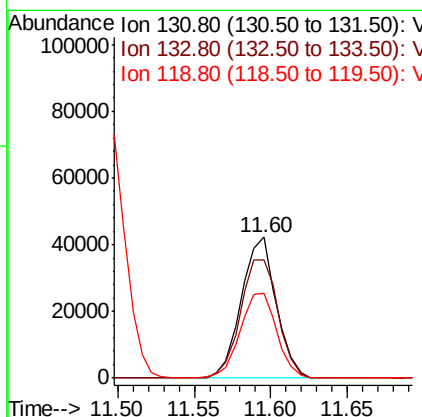
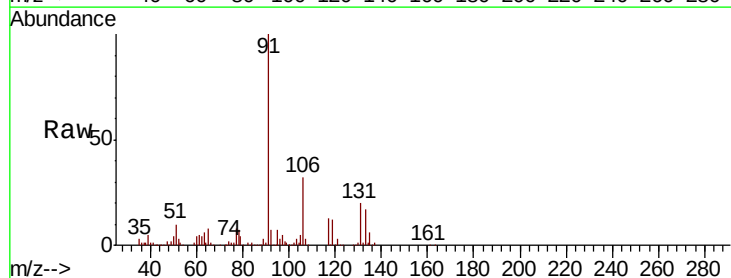
Instrument :
MSVOA_Y
ClientSampled :

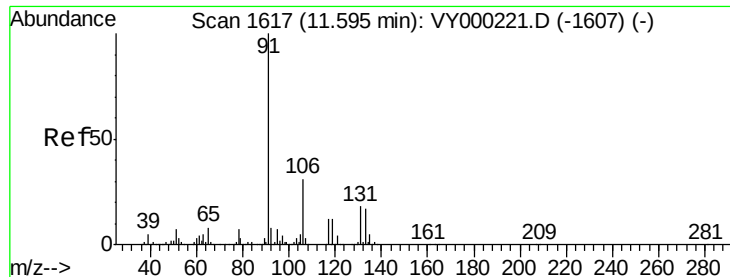
Tot Ion:112 Resp: 178337
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.529 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion:131 Resp: 66707
Ion Ratio Lower Upper
131 100
133 91.0 47.0 141.2
119 63.3 33.3 99.8

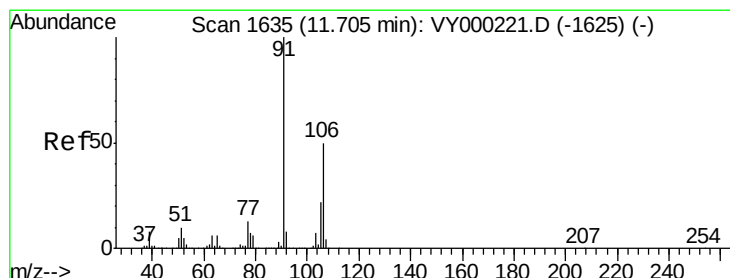
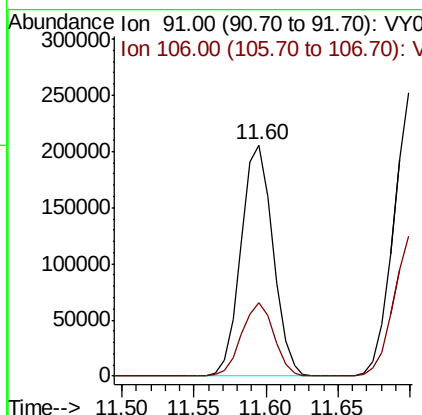
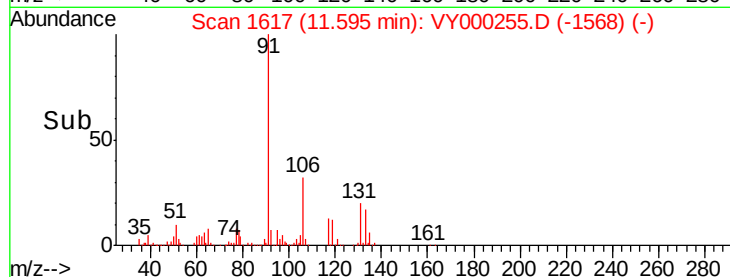
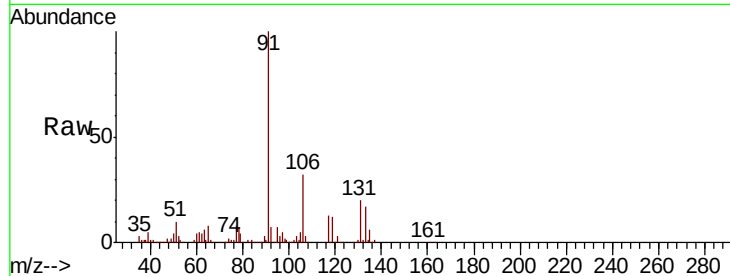




#67
Ethyl Benzene
Concen: 18.585 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

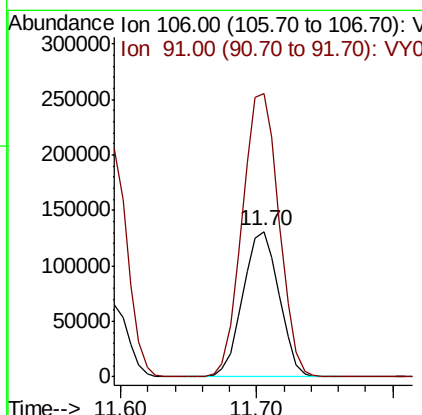
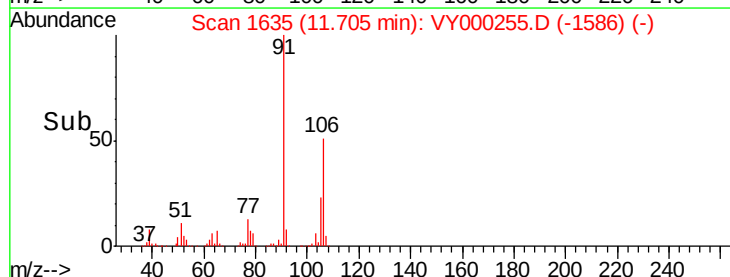
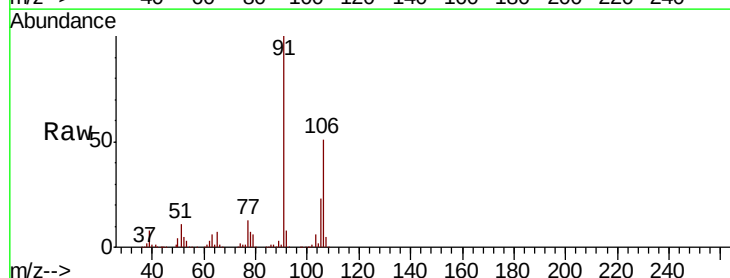
Instrument :
MSVOA_Y
ClientSampled :

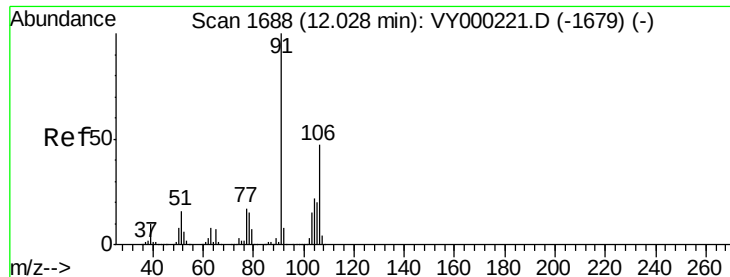
Tot Ion: 91 Resp: 317430
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 37.532 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 106 Resp: 244597
Ion Ratio Lower Upper
106 100
91 197.6 159.9 239.9

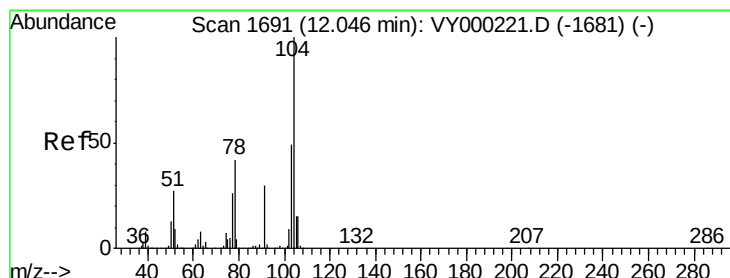
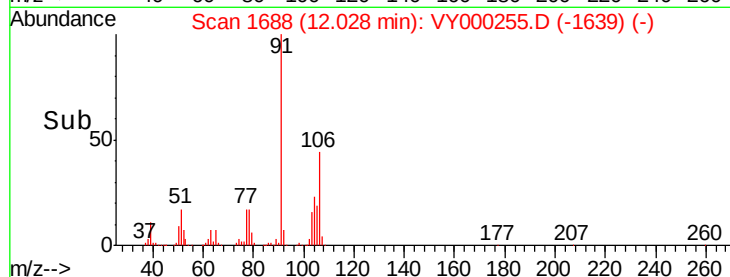
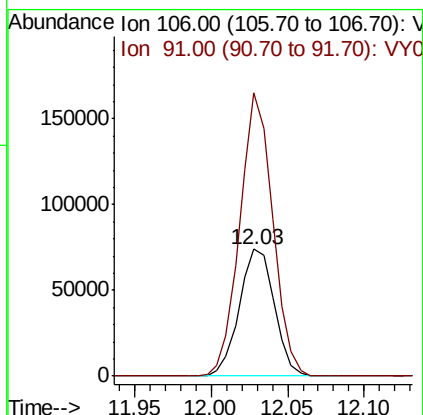
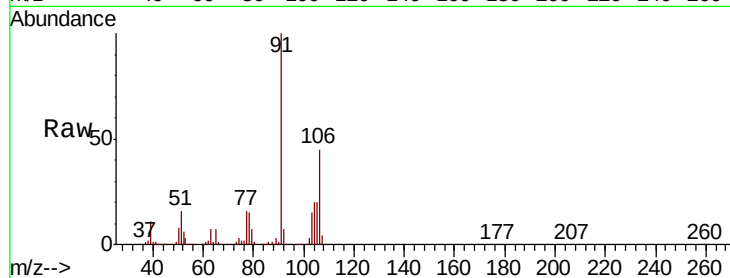




#69
o-Xylene
Concen: 18.706 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

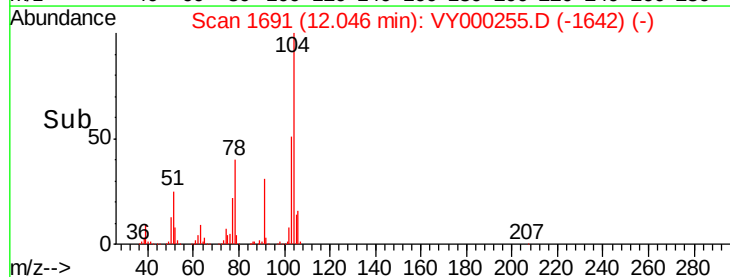
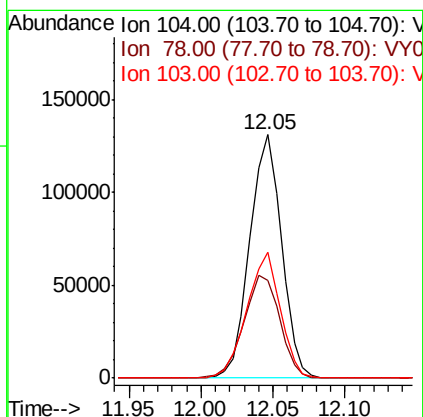
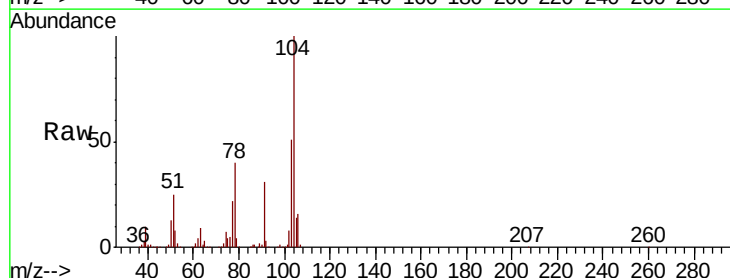
Instrument :
MSVOA_Y
ClientSampleId :

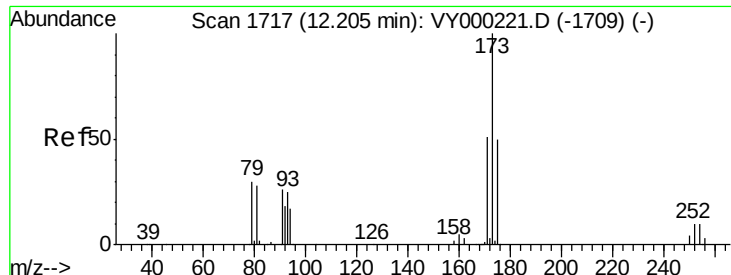
Tot Ion:106 Resp: 117446
Ion Ratio Lower Upper
106 100
91 210.3 106.1 318.1



#70
Styrene
Concen: 18.522 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion:104 Resp: 200313
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.4
103 54.4 43.1 64.7





#71

Bromoform

Concen: 18.663 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

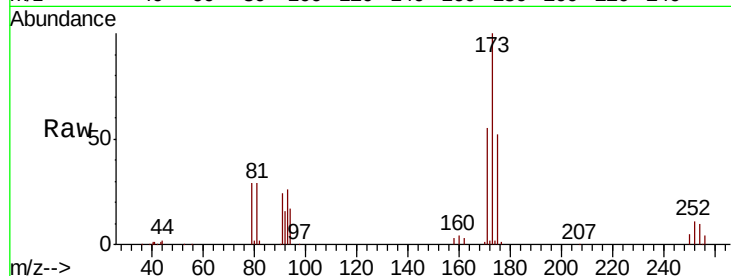
Tot Ion:173 Resp: 52602

Ion Ratio Lower Upper

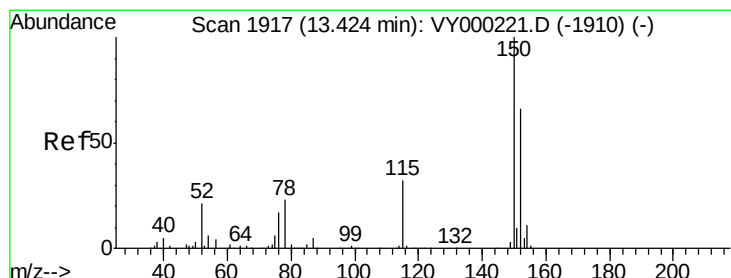
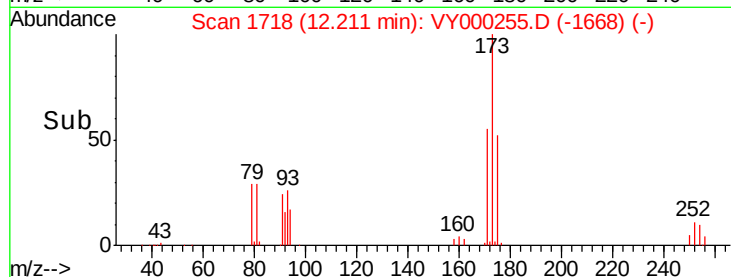
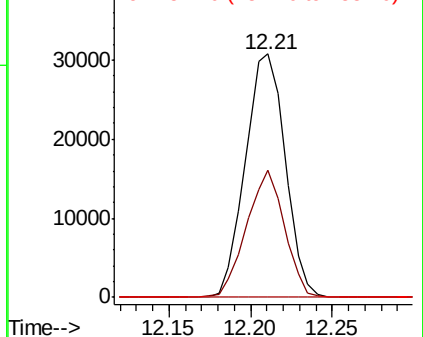
173 100

175 49.4 24.8 74.3

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

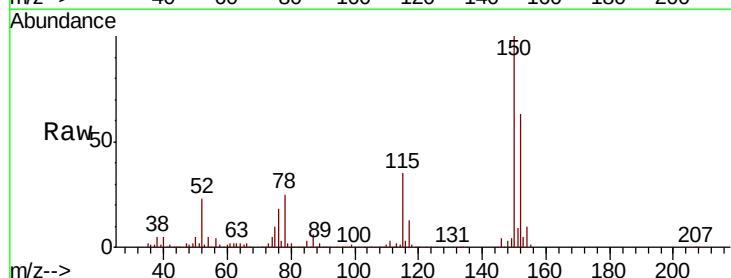
Tgt Ion:152 Resp: 197807

Ion Ratio Lower Upper

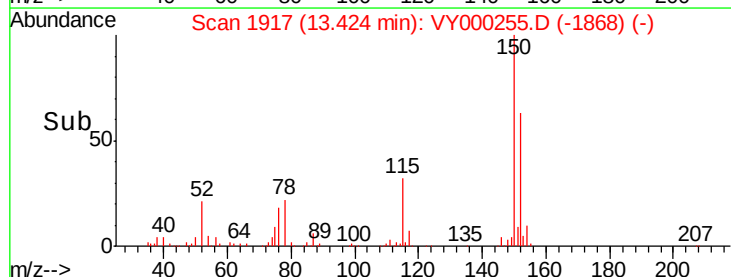
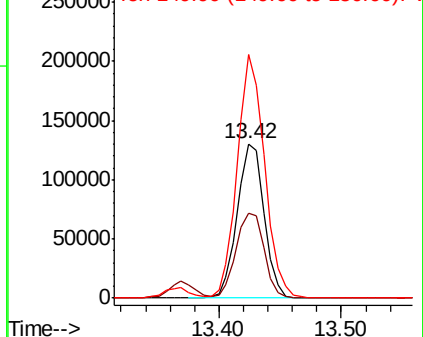
152 100

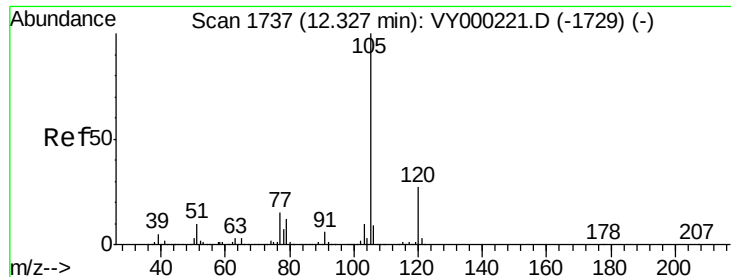
115 57.7 29.3 88.0

150 160.5 0.0 349.6



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: 18.622 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

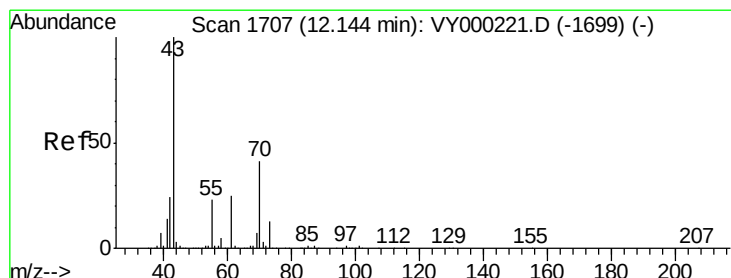
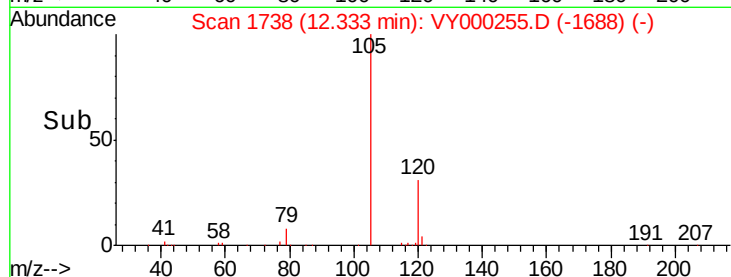
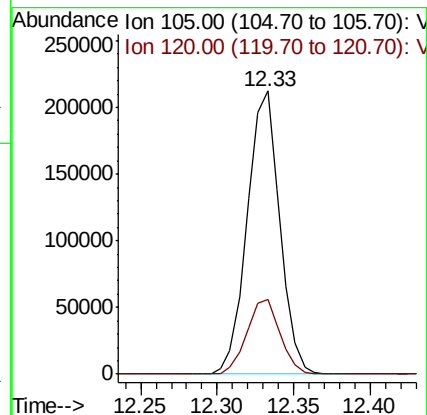
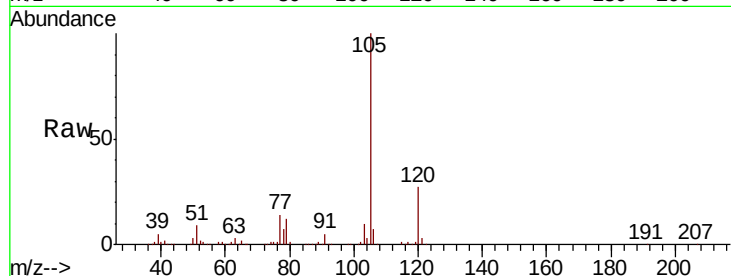
ClientSampleId :

Tot Ion:105 Resp: 312131

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



#74

N-ethyl acetate

Concen: 17.395 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Tgt Ion: 43 Resp: 153224

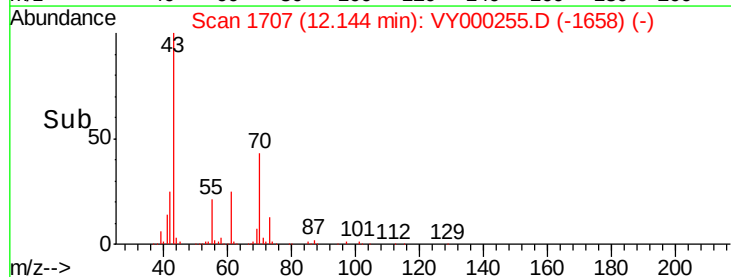
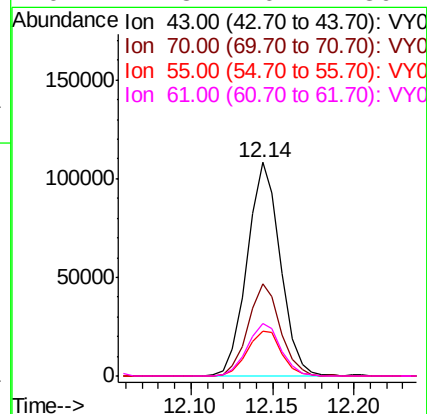
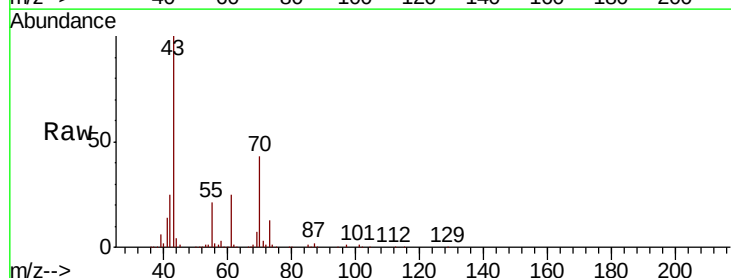
Ion Ratio Lower Upper

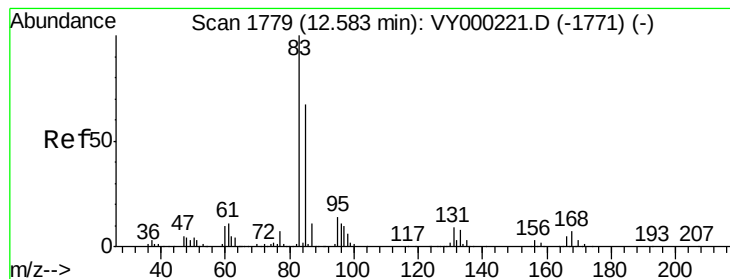
43 100

70 42.2 34.9 52.3

55 22.0 18.2 27.2

61 24.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.343 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

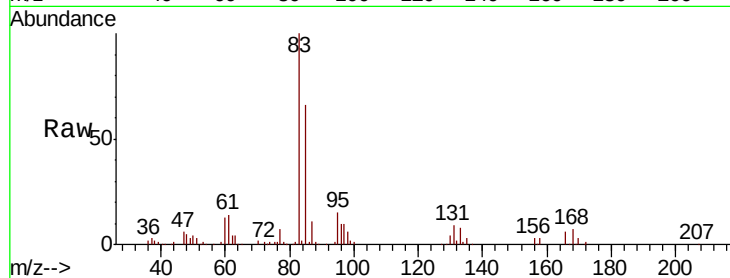
Tot Ion: 83 Resp: 104931

Ion Ratio Lower Upper

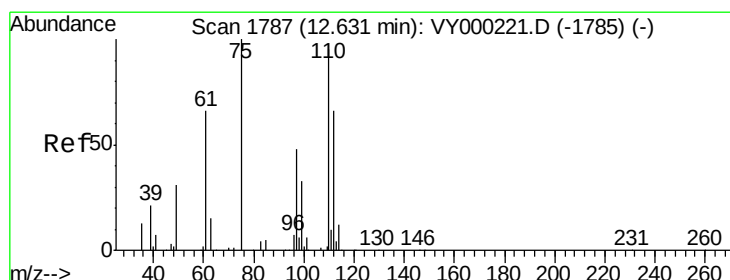
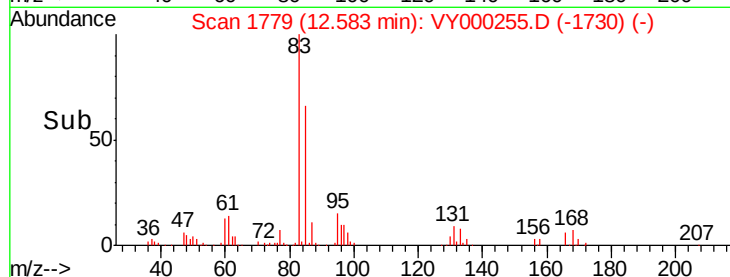
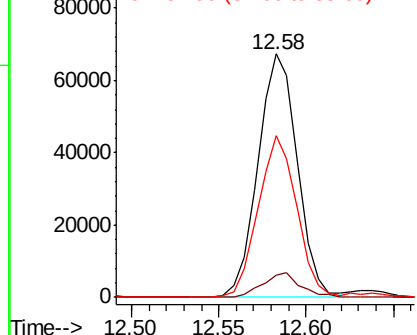
83 100

131 9.9 4.8 14.3

85 65.0 32.5 97.5



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: 31.464 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000255.D

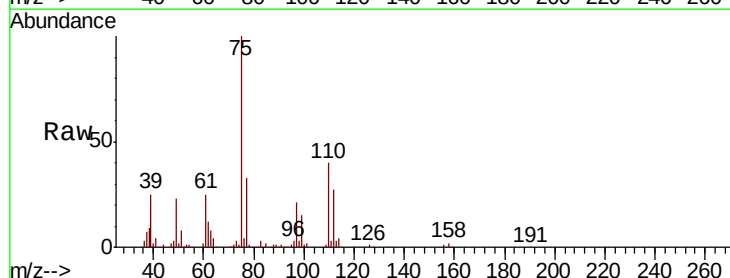
Acq: 10 Oct 2019 16:00

Tgt Ion: 75 Resp: 164321

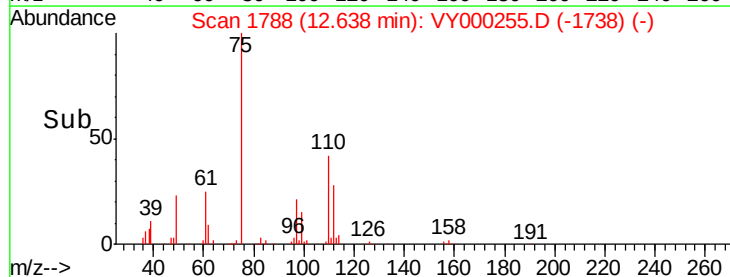
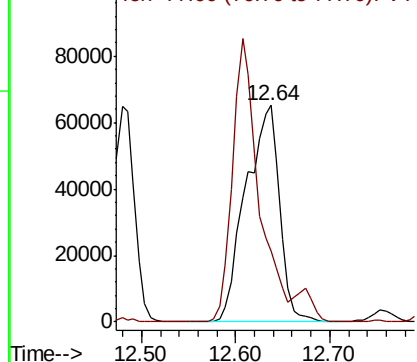
Ion Ratio Lower Upper

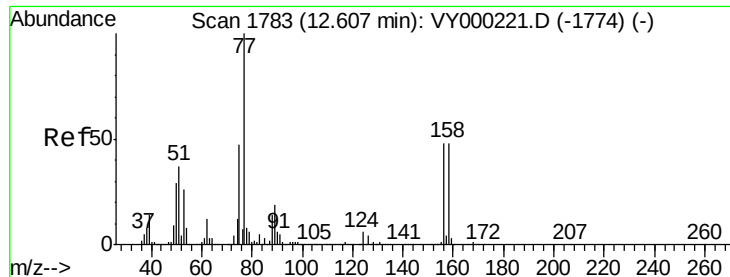
75 100

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: 18.472 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

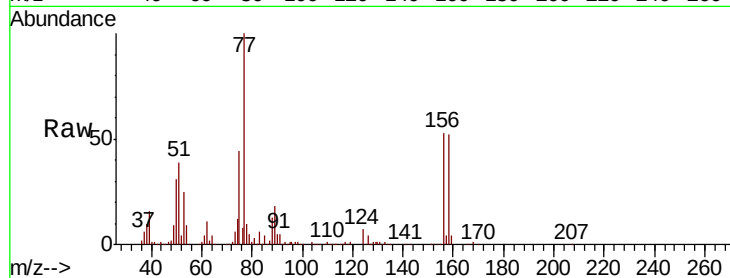
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:156 Resp: 72606

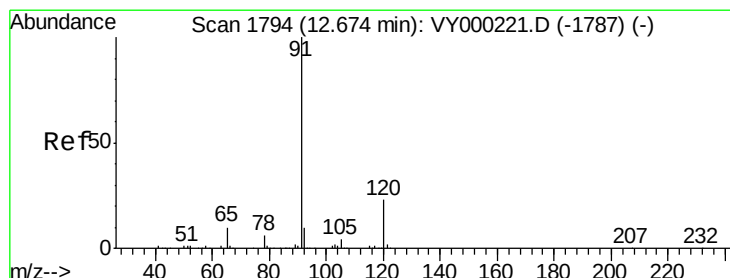
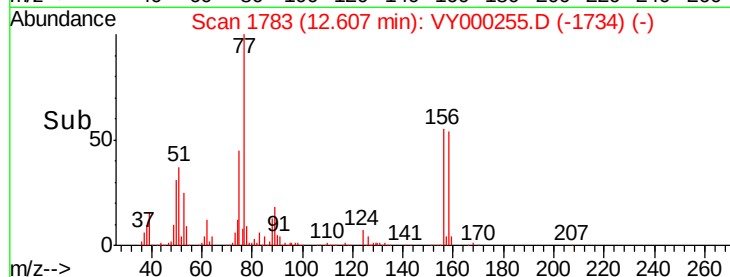
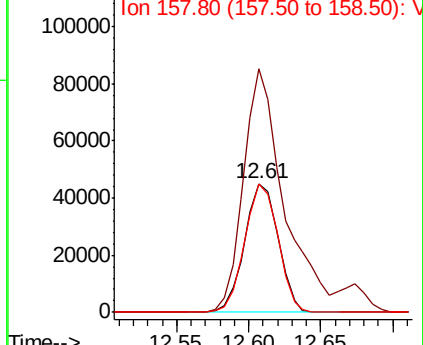
Ion	Ratio	Lower	Upper
156	100		
77	227.7	118.1	354.3
158	98.5	47.8	143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.428 ug/l

RT: 12.67 min Scan# 1794

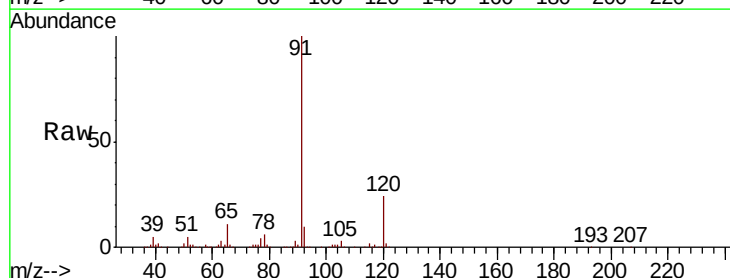
Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

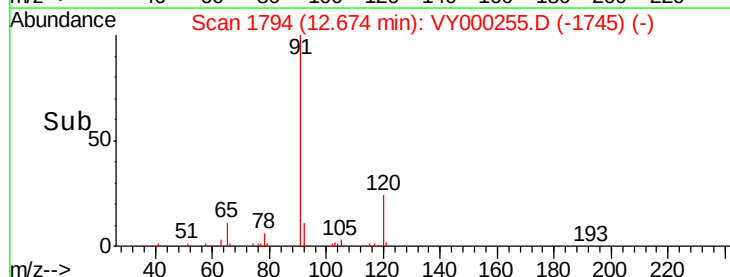
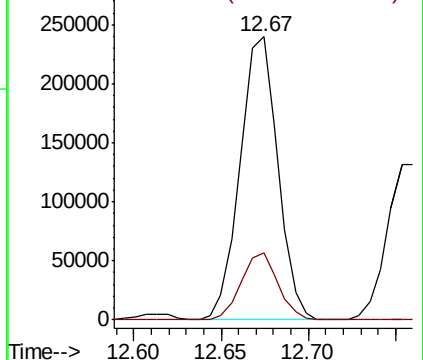
Tgt Ion: 91 Resp: 360795

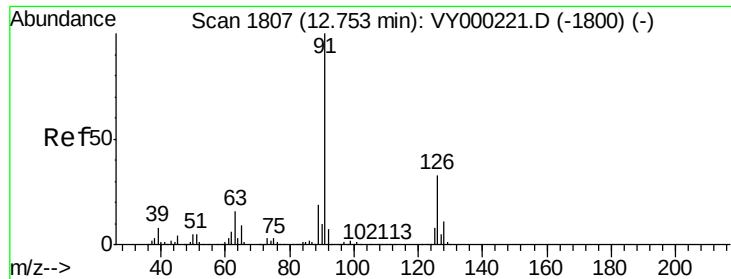
Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

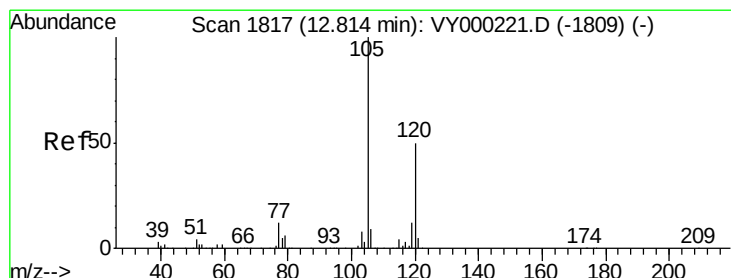
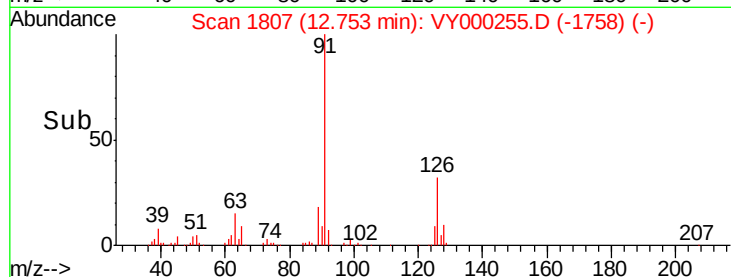
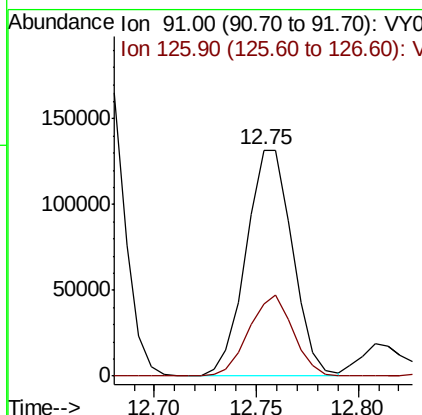
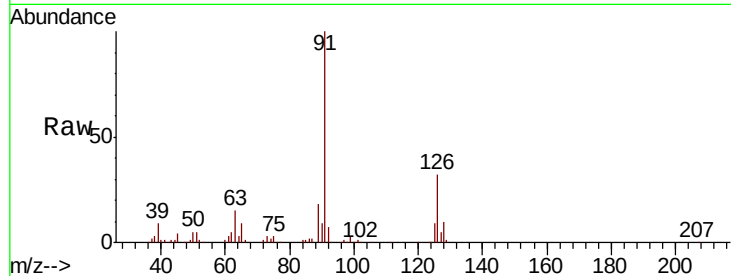




#79
2-Chlorotoluene
Concen: 18.620 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

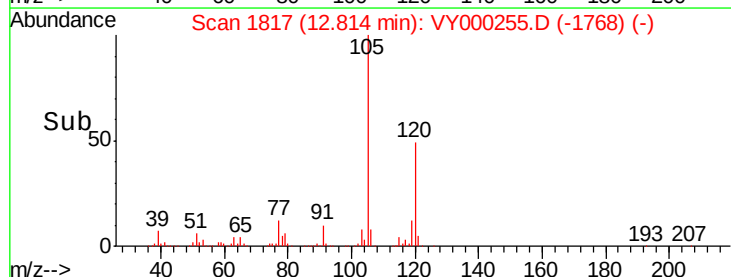
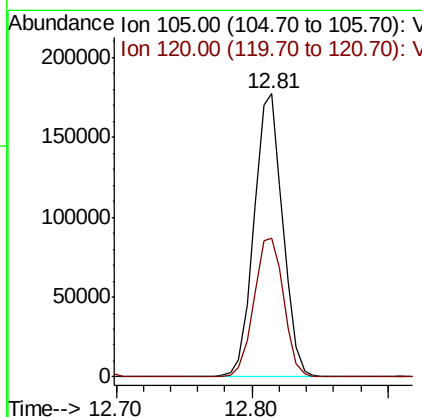
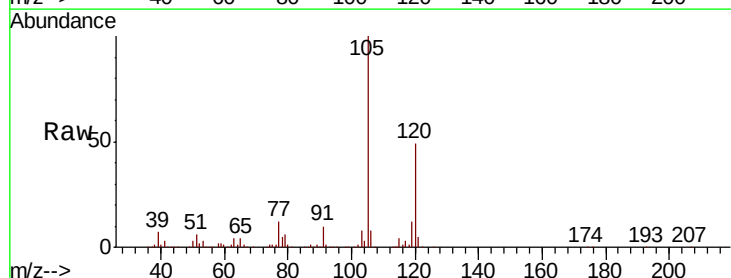
Instrument :
MSVOA_Y
ClientSampleId :

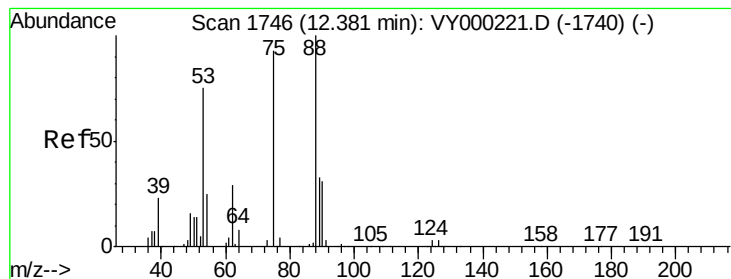
Tot Ion: 91 Resp: 209886
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 18.741 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion: 105 Resp: 262115
Ion Ratio Lower Upper
105 100
120 50.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.297 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

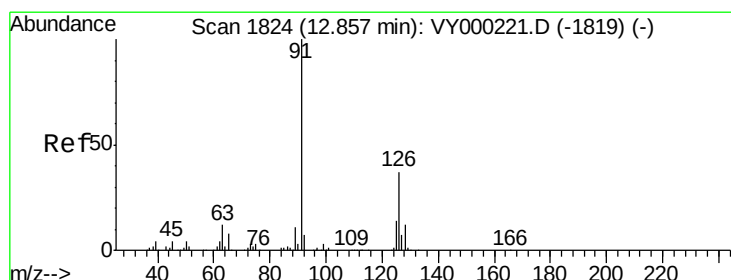
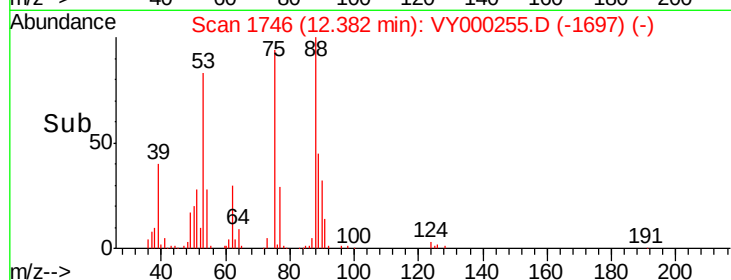
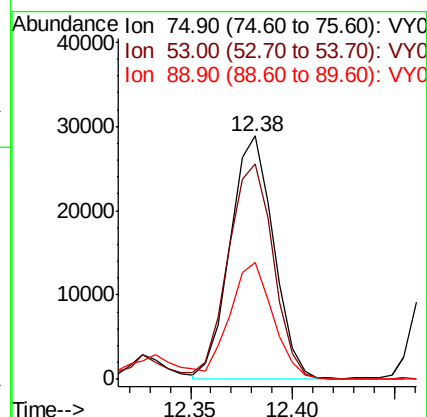
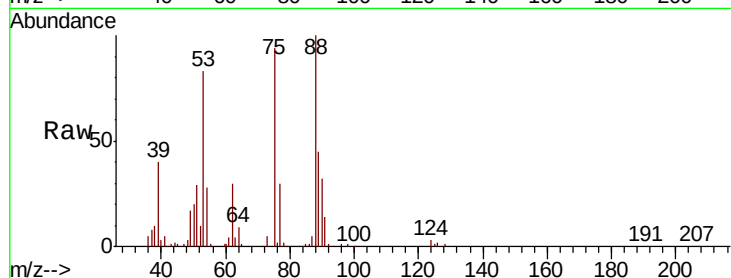
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 42335

Ion	Ratio	Lower	Upper
75	100		
53	92.4	66.5	99.7
89	47.7	46.9	70.3



#82

4-Chlorotoluene

Concen: 18.771 ug/l

RT: 12.86 min Scan# 1824

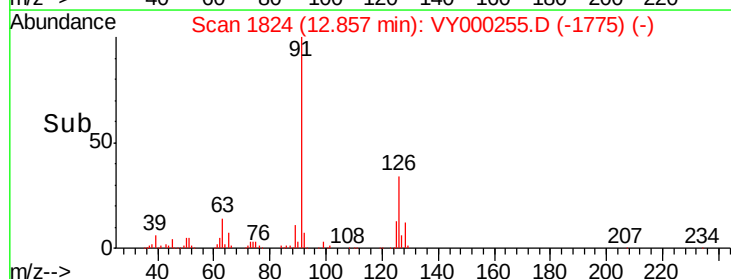
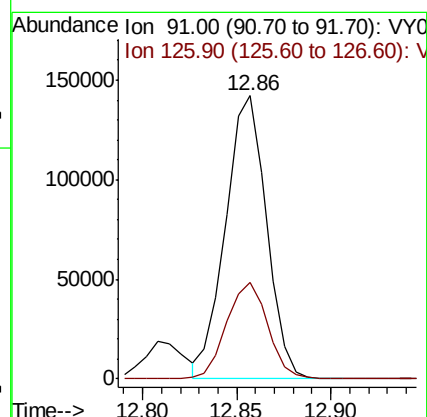
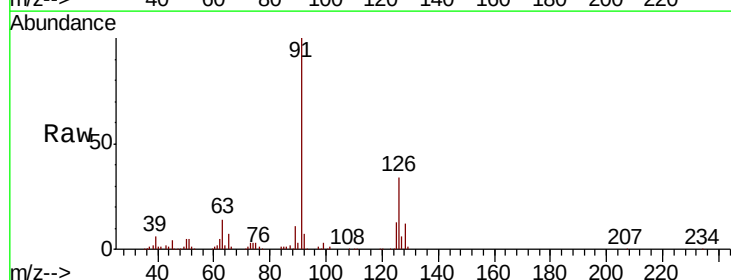
Delta R.T. 0.00 min

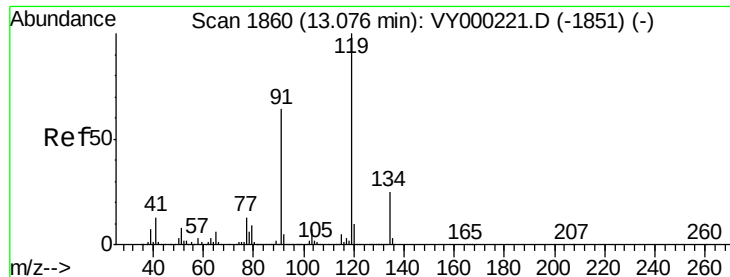
Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Tgt Ion: 91 Resp: 214312

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.3	52.0

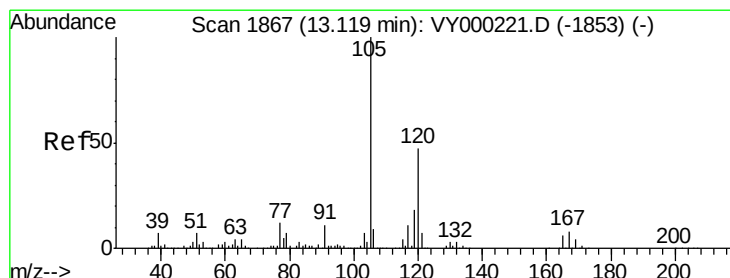
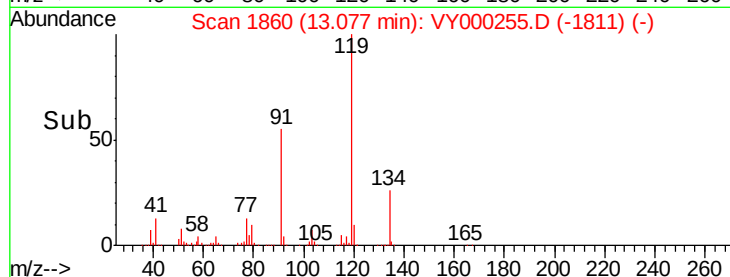
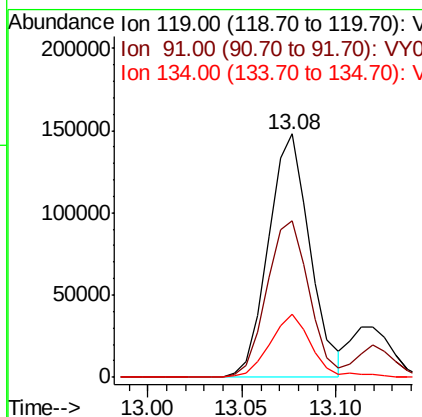
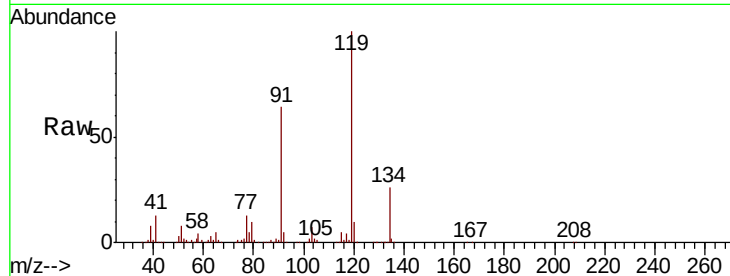




#83
tert-Butylbenzene
Concen: 18.649 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

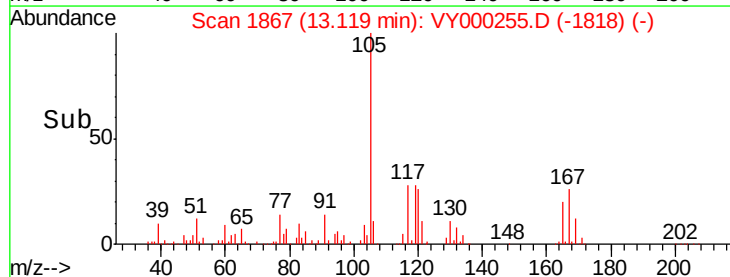
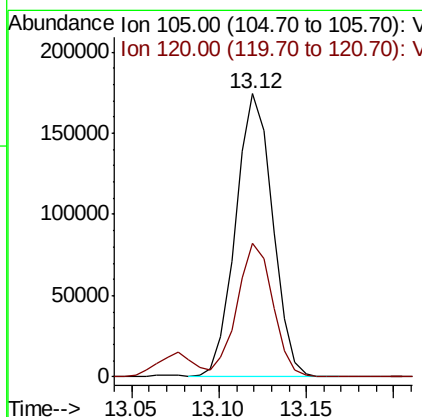
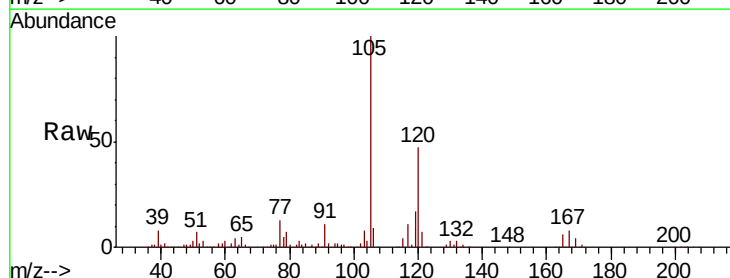
Instrument :
MSVOA_Y
ClientSampleId :

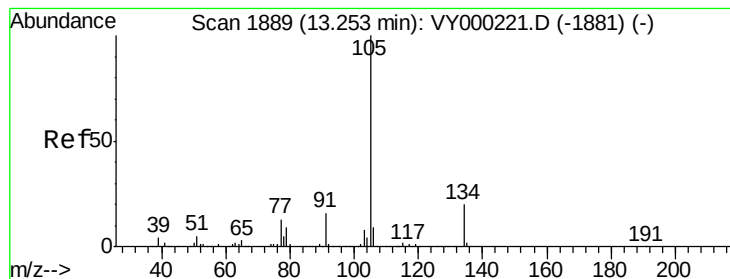
Tot Ion:119 Resp: 226705
Ion Ratio Lower Upper
119 100
91 65.5 32.4 97.2
134 26.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.394 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000255.D
Acq: 10 Oct 2019 16:00

Tgt Ion:105 Resp: 257038
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.3





#85

sec-Butylbenzene

Concen: 18.463 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

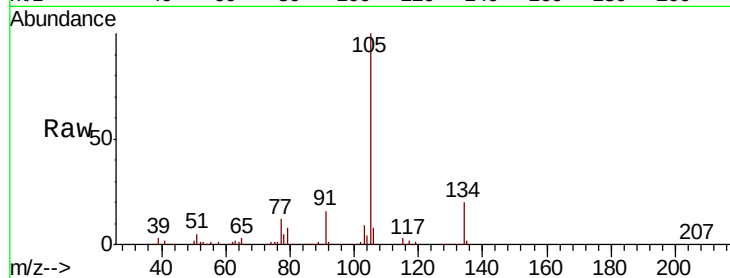
ClientSampleId :

Tot Ion:105 Resp: 309358

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

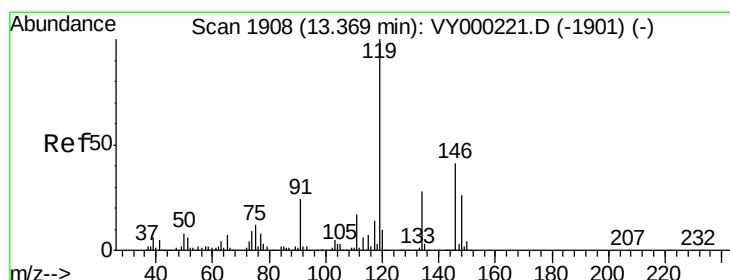
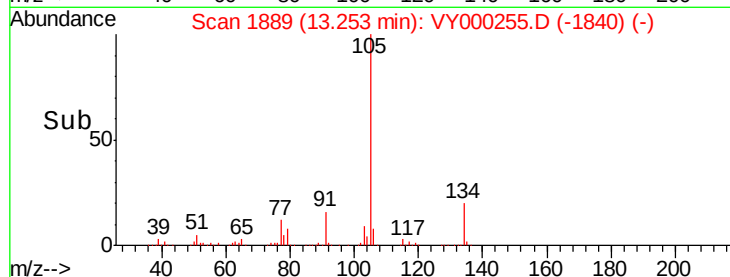
0

13.20

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 18.761 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

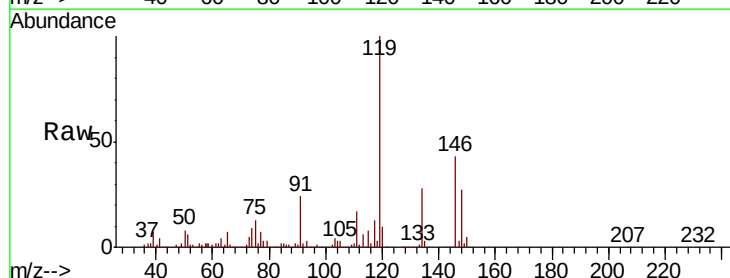
Tgt Ion:119 Resp: 276438

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 23.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

50000

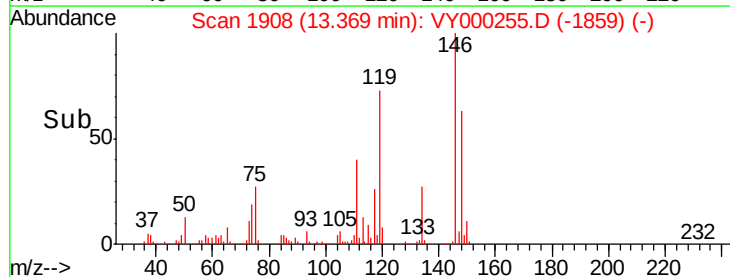
0

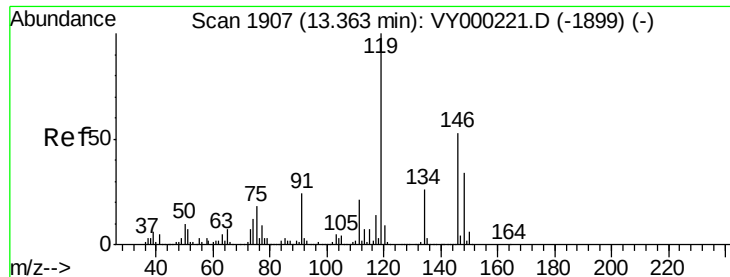
13.30

13.35

13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.237 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampled :

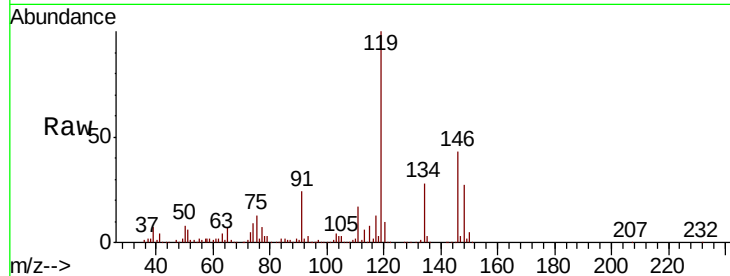
Tot Ion:146 Resp: 137042

Ion Ratio Lower Upper

146 100

111 39.2 20.3 60.8

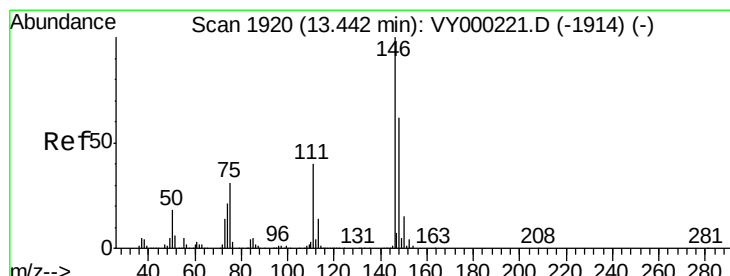
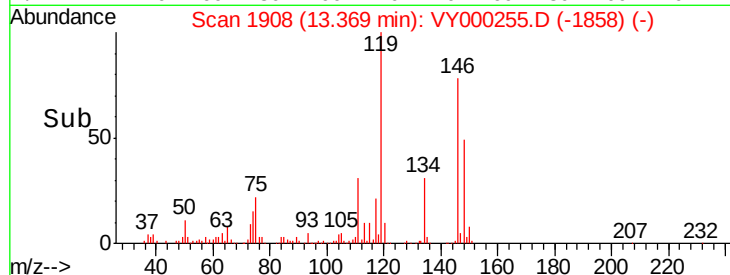
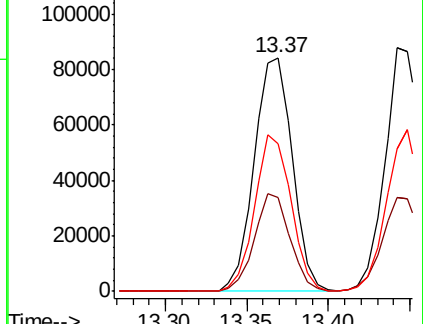
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.503 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

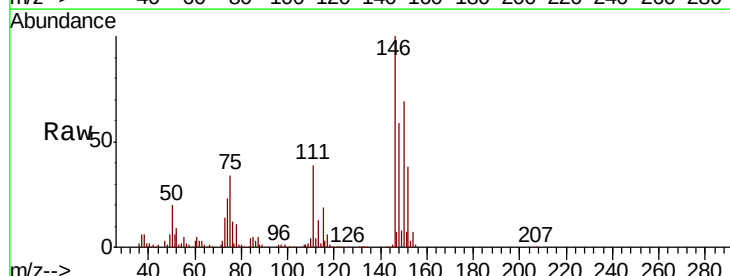
Tgt Ion:146 Resp: 137297

Ion Ratio Lower Upper

146 100

111 40.7 19.8 59.3

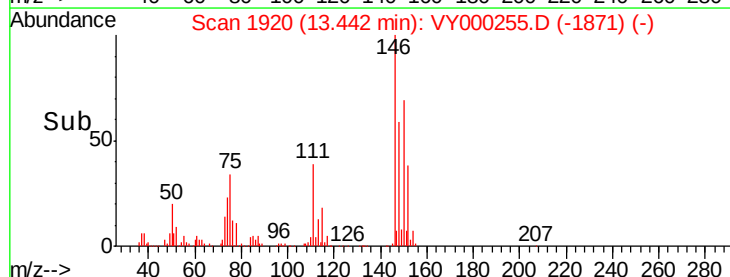
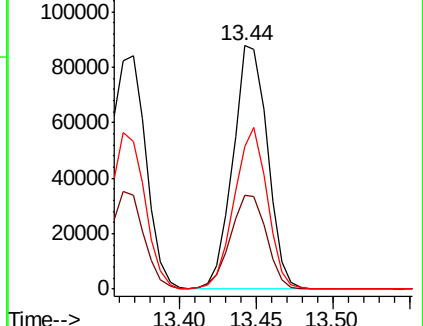
148 63.3 31.6 94.8

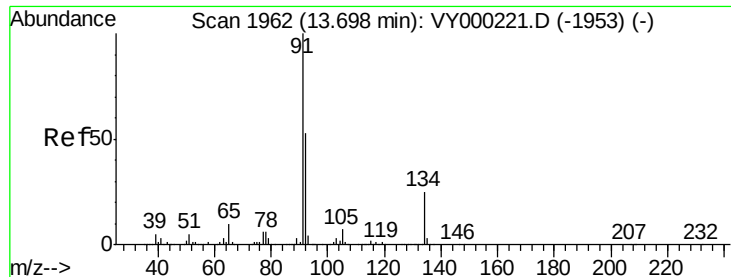


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.977 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampled :

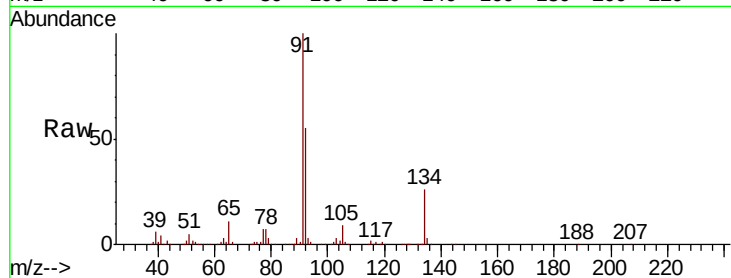
Tot Ion: 91 Resp: 249643

Ion Ratio Lower Upper

91 100

92 54.3 27.0 80.8

134 26.3 12.8 38.4

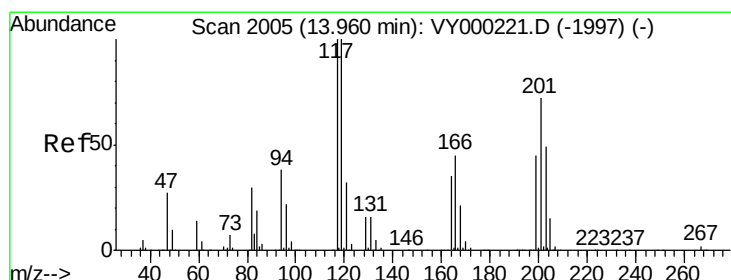
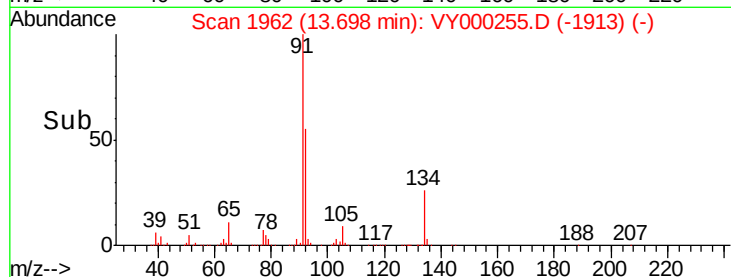
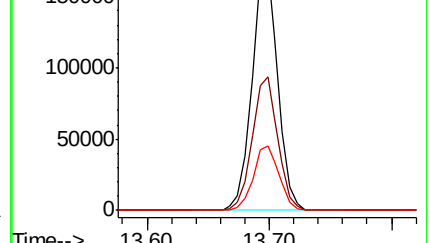


Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY000221.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY000221.D (-1953) (-)

13.70



#90

Hexachloroethane

Concen: 18.752 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000255.D

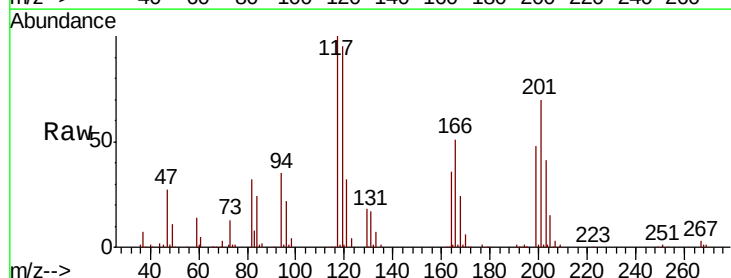
Acq: 10 Oct 2019 16:00

Tgt Ion: 117 Resp: 52267

Ion Ratio Lower Upper

117 100

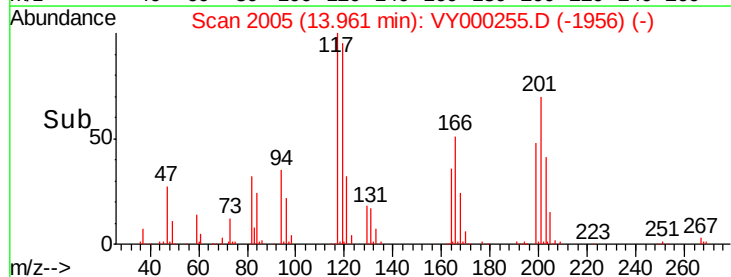
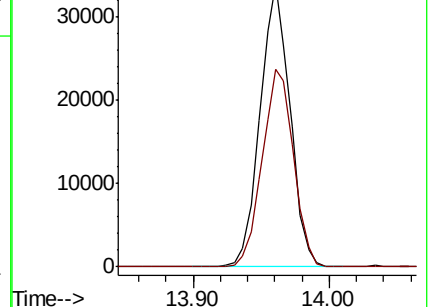
201 73.2 35.5 106.5

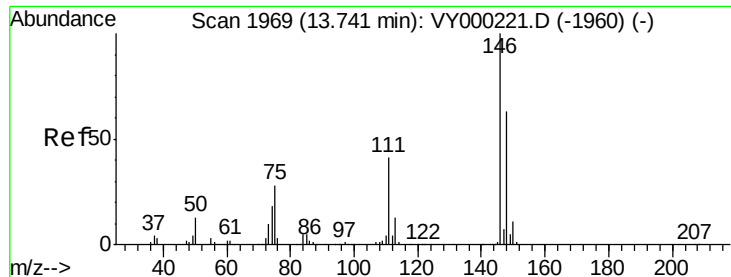


Abundance Ion 116.80 (116.50 to 117.50): VY000221.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY000221.D (-1997) (-)

13.96

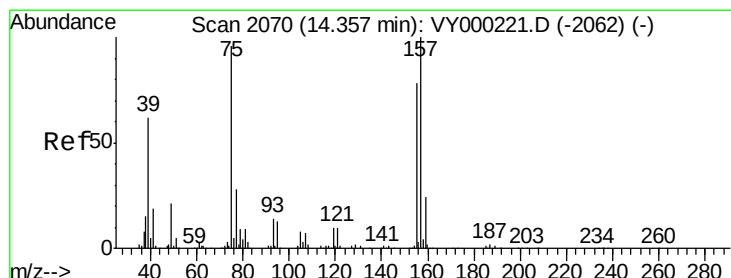
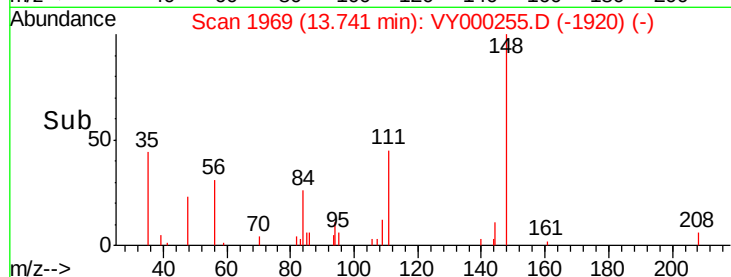
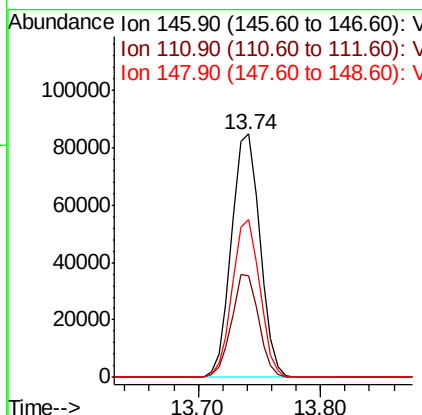
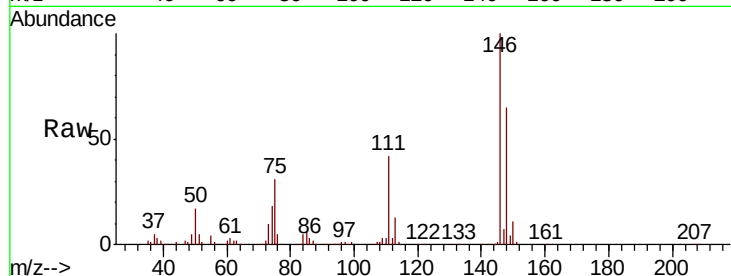




#91
 1,2-Dichlorobenzene
 Concen: 18.879 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

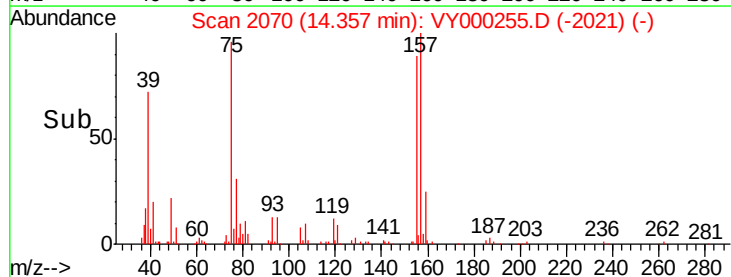
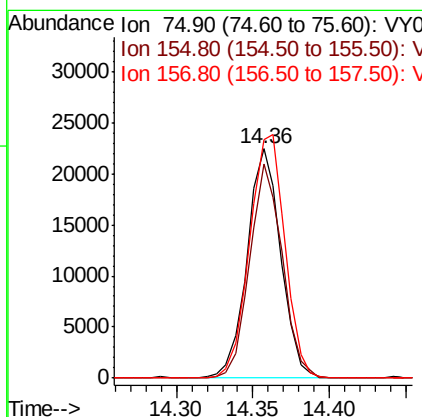
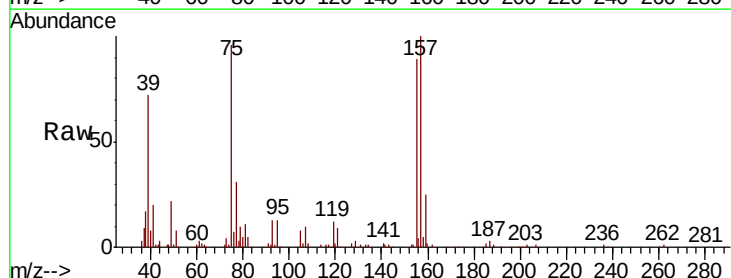
Instrument :
 MSVOA_Y
 ClientSampleId :

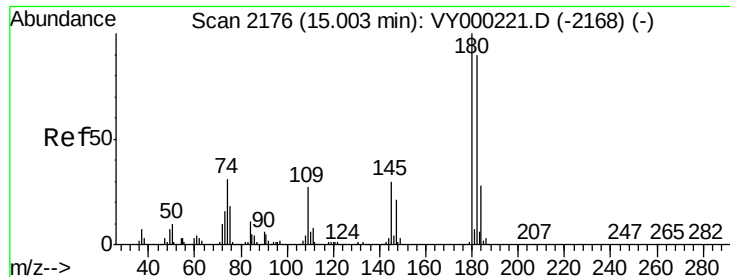
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.9	62.8
148	62.9	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.702 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	42.4	127.3
157	111.9	53.8	161.5

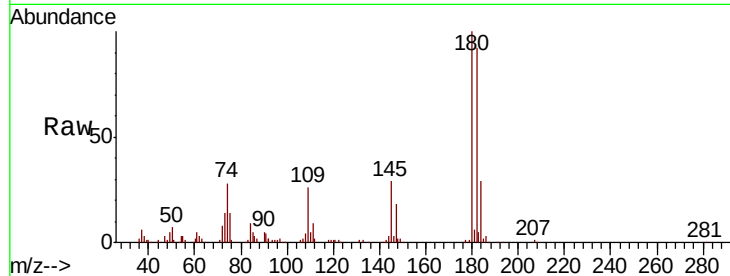




#93
 1,2,4-Trichlorobenzene
 Concen: 18.326 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	30.1	15.3	45.8

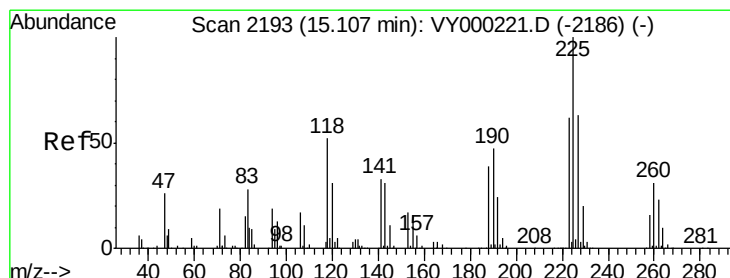
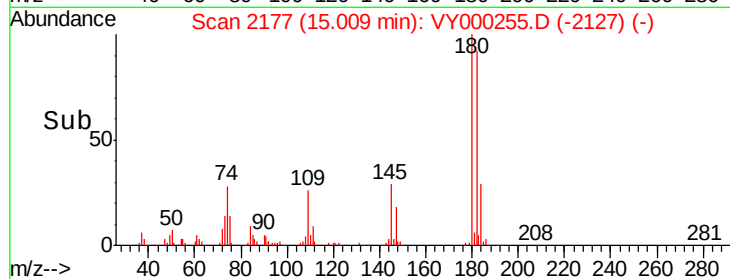
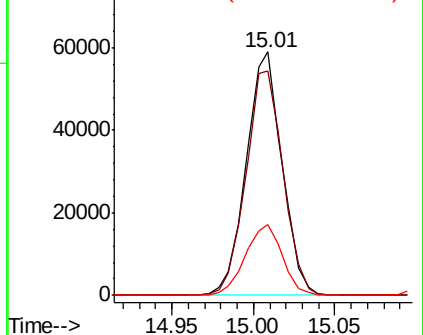


Abundance

Ion 179.80 (179.50 to 180.50): V

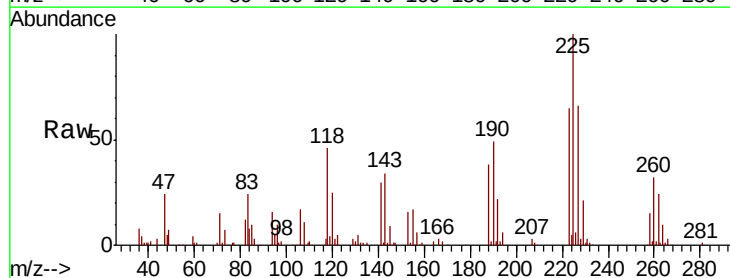
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.873 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000255.D
 Acq: 10 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	31.9	95.5
227	65.9	31.5	94.5

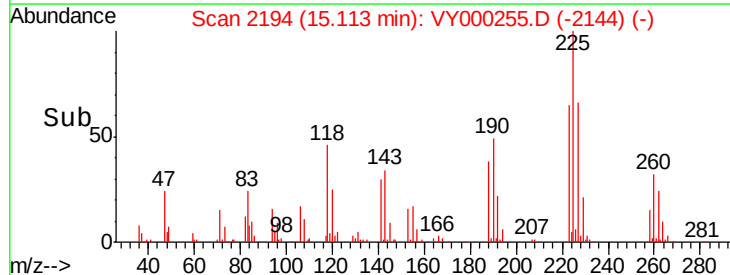
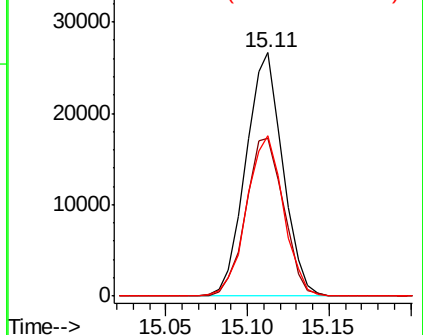


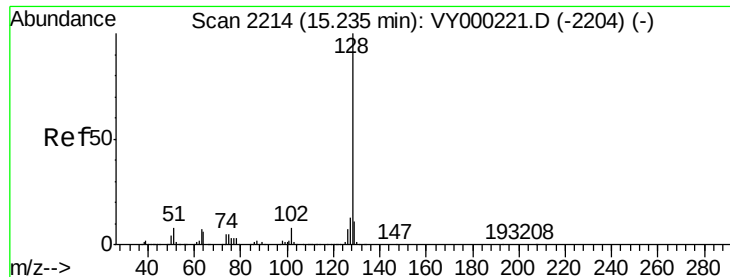
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.541 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampled :

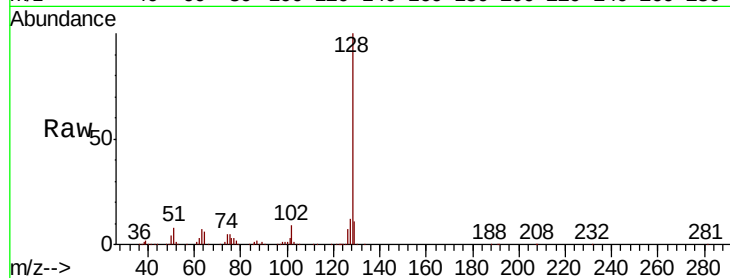
Tot Ion:128 Resp: 341461

Ion Ratio Lower Upper

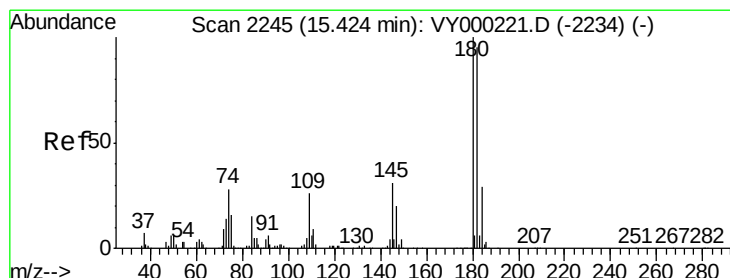
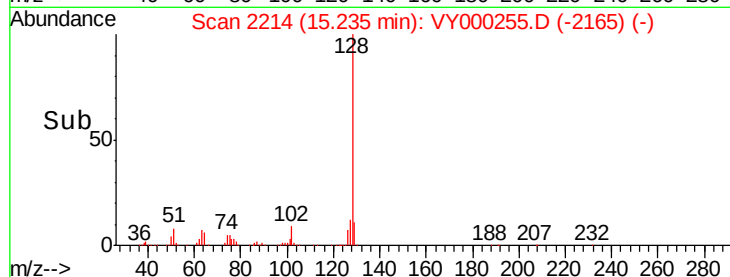
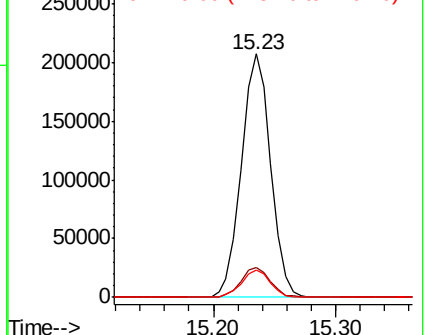
128 100

127 12.5 10.2 15.2

129 11.0 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 19.031 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

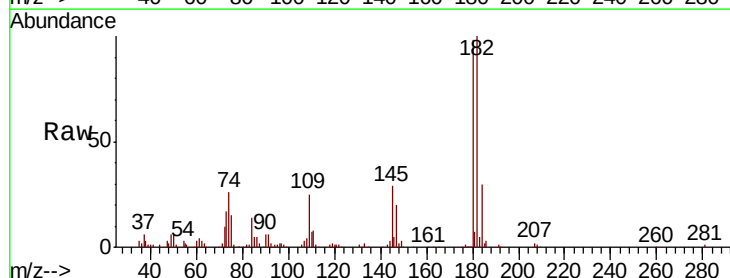
Tgt Ion:180 Resp: 89619

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 30.9 16.3 48.9



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

