

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000250.D
 Acq On : 10 Oct 2019 13:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:50:57 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	267858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	449454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	202569	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	176523	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.73	113	144945	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
50) Toluene-d8	10.18	98	575723	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.49	95	208731	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	137712	51.499	ug/l	98
3) Chloromethane	2.12	50	173608	47.673	ug/l	97
4) Vinyl Chloride	2.25	62	187400	49.843	ug/l	98
5) Bromomethane	2.63	94	123630	52.115	ug/l	97
6) Chloroethane	2.79	64	115255	48.532	ug/l	92
7) Trichlorofluoromethane	3.12	101	244582	50.338	ug/l	99
8) Diethyl Ether	3.53	74	104122	46.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	142519	50.240	ug/l	99
10) Methyl Iodide	4.10	142	226314	49.128	ug/l	99
11) Tert butyl alcohol	4.97	59	470430	251.352	ug/l	99
12) 1,1-Dichloroethene	3.87	96	144219	48.971	ug/l	98
13) Acrolein	3.73	56	212183	215.977	ug/l	99
14) Allyl chloride	4.48	41	243036	48.976	ug/l	100
15) Acrylonitrile	5.17	53	819916	248.170	ug/l	99
16) Acetone	3.95	43	638066	233.853	ug/l	95
17) Carbon Disulfide	4.19	76	421598	48.572	ug/l	98
18) Methyl Acetate	4.48	43	373606	49.964	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	524558	48.687	ug/l	97
20) Methylene Chloride	4.71	84	164450	45.879	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	162773	49.133	ug/l	96
22) Diisopropyl ether	6.12	45	574496	49.970	ug/l	99
23) Vinyl Acetate	6.07	43	2659667	234.067	ug/l	99
24) 1,1-Dichloroethane	6.02	63	285702	48.719	ug/l	99
25) 2-Butanone	7.00	43	1268465	251.298	ug/l	100
26) 2,2-Dichloropropane	6.99	77	257894	48.717	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	189878	48.658	ug/l	99
28) Bromochloromethane	7.34	49	103078	53.402	ug/l	98
29) Tetrahydrofuran	7.35	42	929168	260.646	ug/l	100
30) Chloroform	7.52	83	292170	48.007	ug/l	92
31) Cyclohexane	7.79	56	287952	48.614	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	260334	50.314	ug/l	99
36) 1,1-Dichloropropene	7.93	75	230166	50.330	ug/l	99
37) Ethyl Acetate	7.08	43	413175	49.977	ug/l	100
38) Carbon Tetrachloride	7.91	117	227929	51.138	ug/l	99

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

39) Methylcyclohexane	9.19	83	293623	51.180	ug/l	100
40) Benzene	8.17	78	699408	50.417	ug/l	99
41) Methacrylonitrile	7.35	41	692799	106.466	ug/l #	49
42) 1,2-Dichloroethane	8.25	62	229262	50.879	ug/l	99
43) Isopropyl Acetate	8.28	43	539494	50.698	ug/l	100
44) Trichloroethene	8.94	130	186705	49.630	ug/l	99
45) 1,2-Dichloropropane	9.22	63	175511	50.510	ug/l	93
46) Dibromomethane	9.31	93	117603	48.277	ug/l	99
47) Bromodichloromethane	9.50	83	236037	49.536	ug/l	94
48) Methyl methacrylate	9.30	41	242948	50.581	ug/l	99
49) 1,4-Dioxane	9.30	88	125655	1019.104	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	2113000	264.210	ug/l	100
52) Toluene	10.25	92	443515	49.846	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	282127	52.188	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	297231	50.813	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	174853	49.838	ug/l	98
56) Ethyl methacrylate	10.52	69	316878	51.301	ug/l	99
57) 1,3-Dichloropropane	10.80	76	304160	50.774	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	460075	167.105	ug/l	99
59) 2-Hexanone	10.84	43	1795498	253.384	ug/l	99
60) Dibromochloromethane	10.99	129	190279	51.295	ug/l	99
61) 1,2-Dibromoethane	11.09	107	186449	50.031	ug/l	99
64) Tetrachloroethene	10.72	164	183512	49.109	ug/l	96
65) Chlorobenzene	11.52	112	459924	48.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	168584	49.776	ug/l	99
67) Ethyl Benzene	11.60	91	864836	51.067	ug/l	100
68) m/p-Xylenes	11.71	106	652748	101.013	ug/l	99
69) o-Xylene	12.03	106	310707	49.910	ug/l	100
70) Styrene	12.05	104	548055	51.109	ug/l	99
71) Bromoform	12.21	173	144336	51.645	ug/l #	99
73) Isopropylbenzene	12.33	105	830128	48.361	ug/l	99
74) N-amyl acetate	12.14	43	437068	48.225	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	287730	49.116	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	441452	82.542	ug/l #	100
77) Bromobenzene	12.61	156	189407	47.055	ug/l	98
78) n-propylbenzene	12.67	91	1014522	50.600	ug/l	99
79) 2-Chlorotoluene	12.76	91	559231	48.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	715440	49.951	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	128939	46.844	ug/l #	89
82) 4-Chlorotoluene	12.86	91	597633	51.114	ug/l	98
83) tert-Butylbenzene	13.08	119	599933	48.192	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	710465	49.648	ug/l	99
85) sec-Butylbenzene	13.25	105	854182	49.780	ug/l	100
86) p-Isopropyltoluene	13.37	119	765909	50.759	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	365054	50.039	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	367969	48.423	ug/l	99
89) n-Butylbenzene	13.70	91	733157	51.555	ug/l	100
90) Hexachloroethane	13.96	117	144301	50.556	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	358324	48.527	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	92859	46.959	ug/l	95

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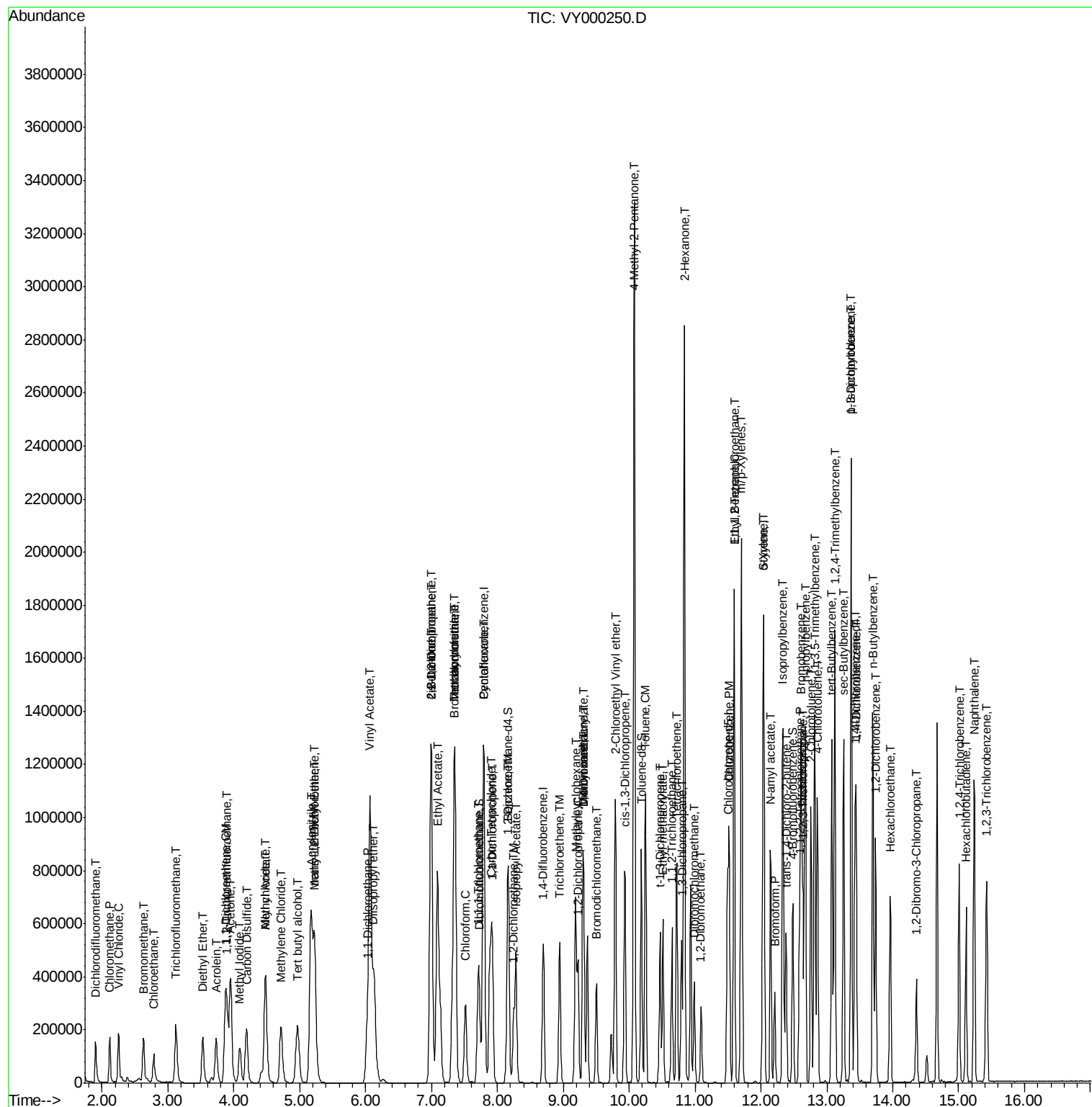
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	238029	47.477	ug/l	99
94) Hexachlorobutadiene	15.11	225	112325	46.884	ug/l	100
95) Naphthalene	15.23	128	915343	48.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	233753	48.471	ug/l	99

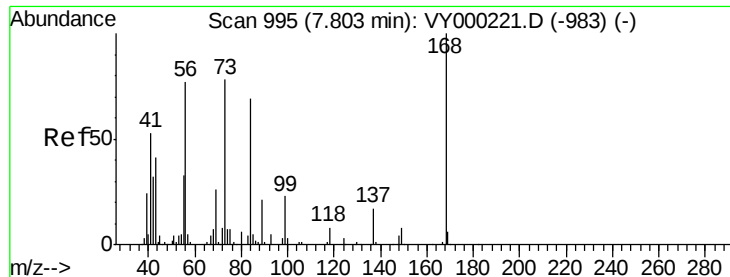
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

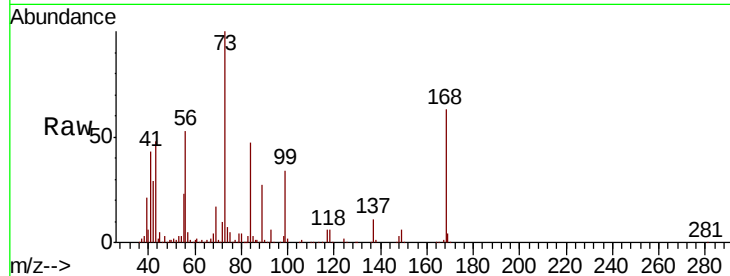
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 267858

Ion Ratio Lower Upper

168 100

99 54.9 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

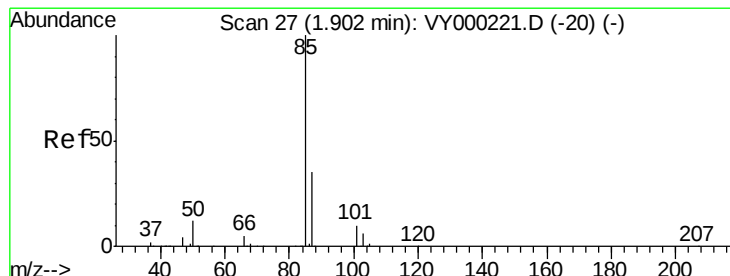
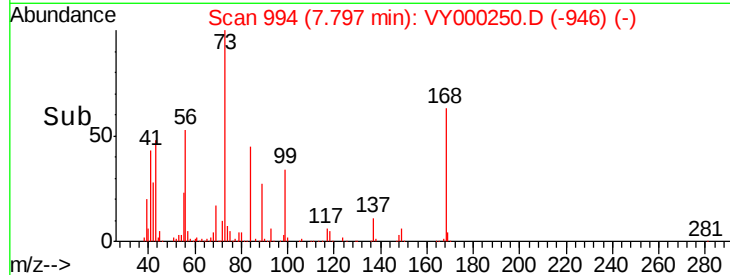
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.499 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000250.D

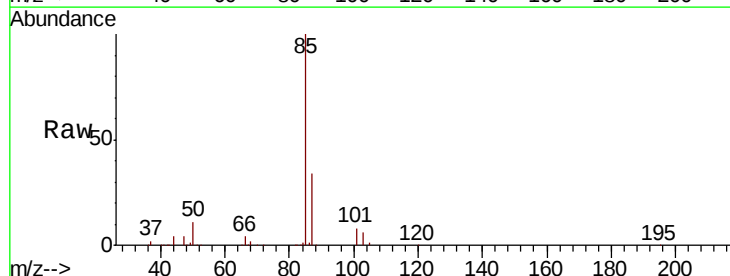
Acq: 10 Oct 2019 13:50

Tgt Ion: 85 Resp: 137712

Ion Ratio Lower Upper

85 100

87 33.9 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

100000

80000

60000

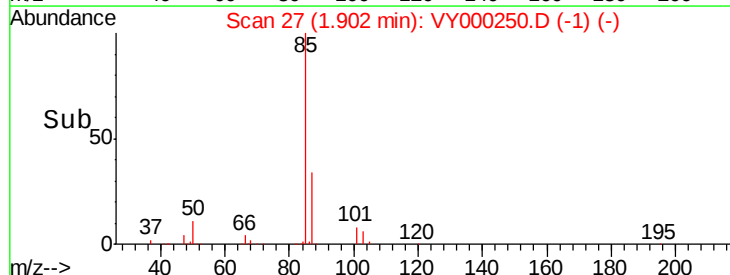
40000

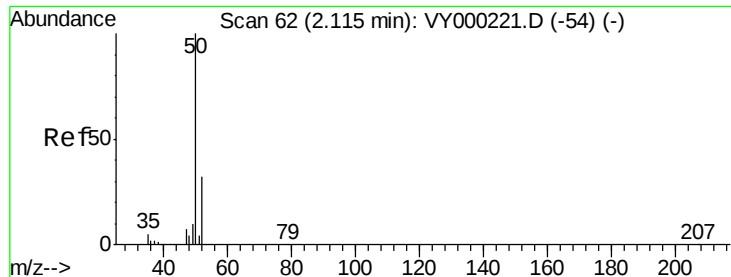
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.673 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

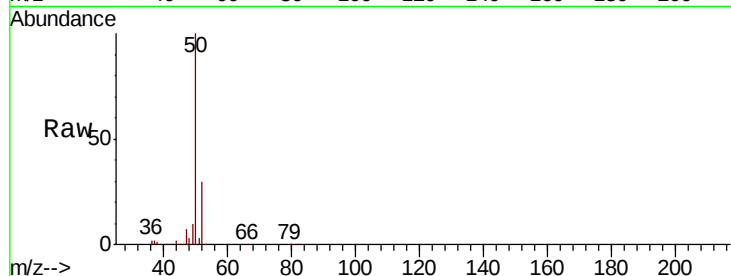
ClientSampled :

Tot Ion: 50 Resp: 173608

Ion Ratio Lower Upper

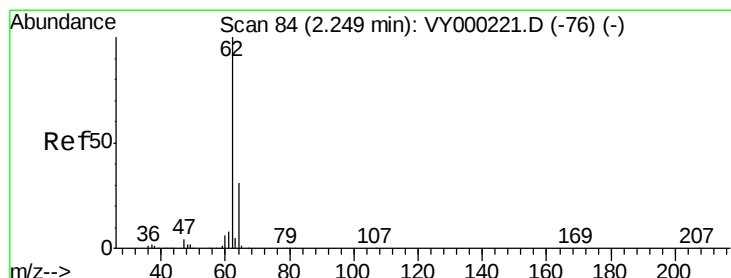
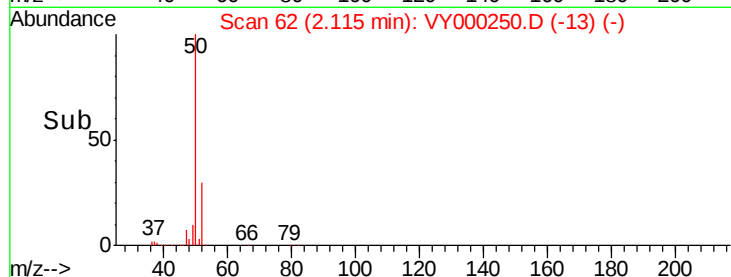
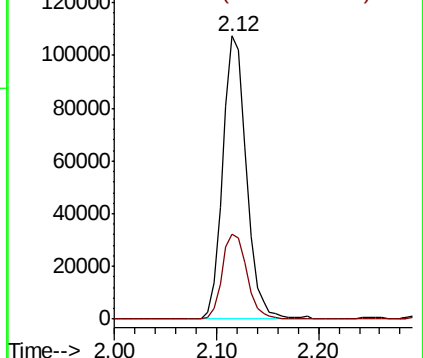
50 100

52 29.9 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: 49.843 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000250.D

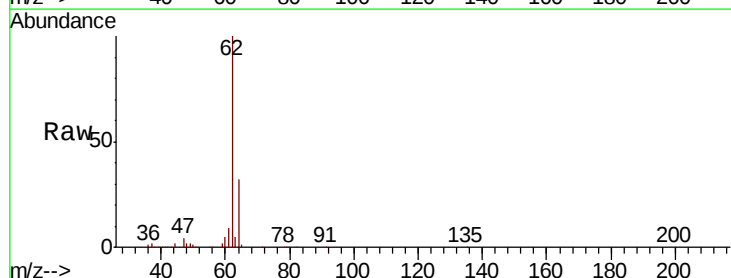
Acq: 10 Oct 2019 13:50

Tgt Ion: 62 Resp: 187400

Ion Ratio Lower Upper

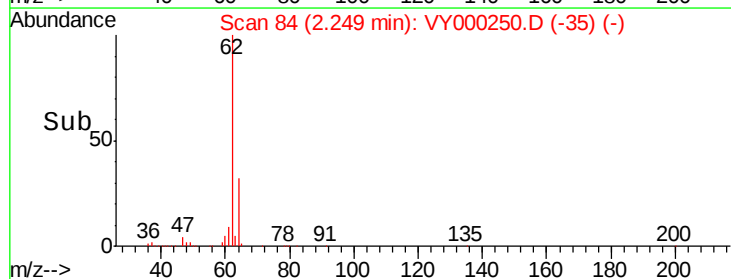
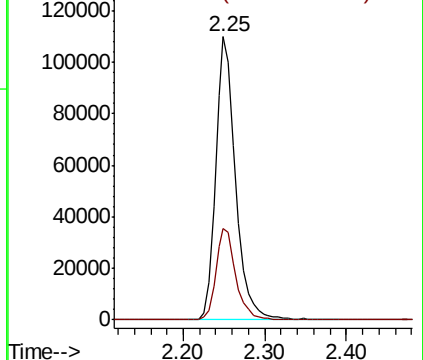
62 100

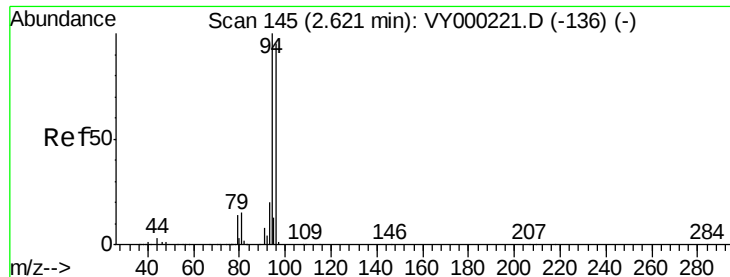
64 32.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.115 ug/l

RT: 2.63 min Scan# 146

Delta R.T. 0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

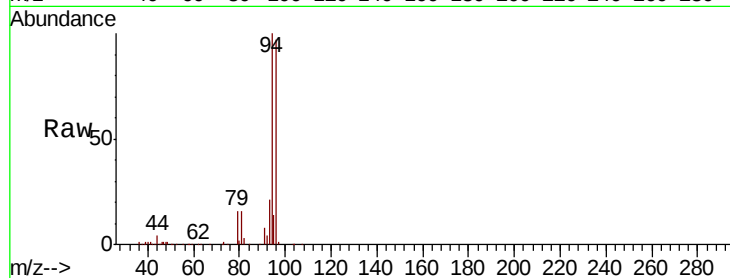
ClientSampleId :

Tot Ion: 94 Resp: 123630

Ion Ratio Lower Upper

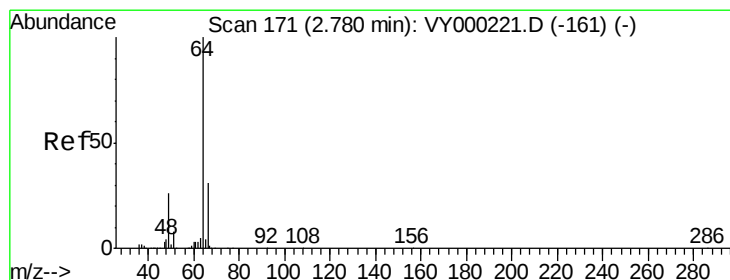
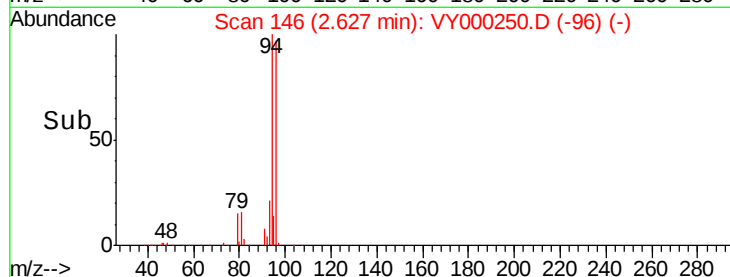
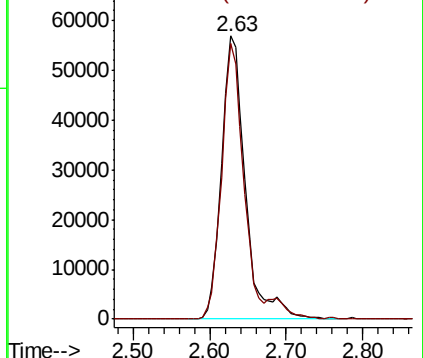
94 100

96 97.5 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.532 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000250.D

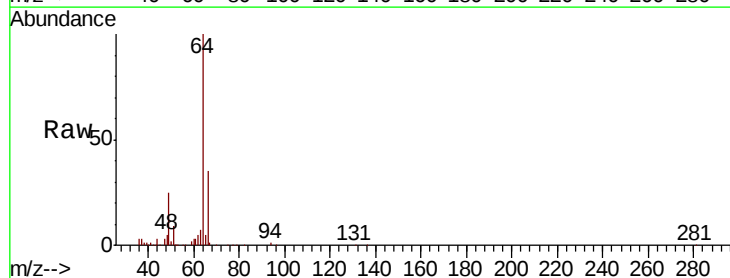
Acq: 10 Oct 2019 13:50

Tgt Ion: 64 Resp: 115255

Ion Ratio Lower Upper

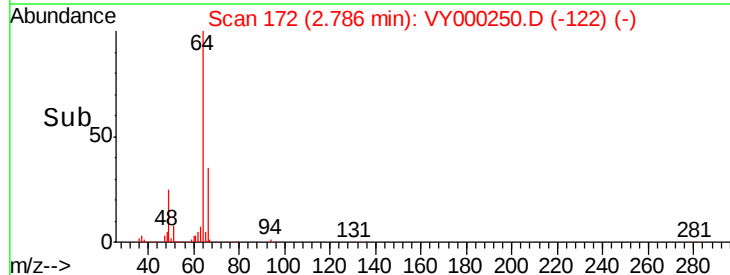
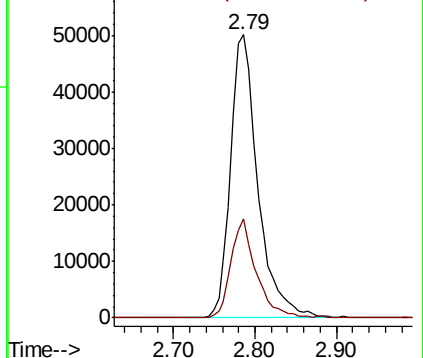
64 100

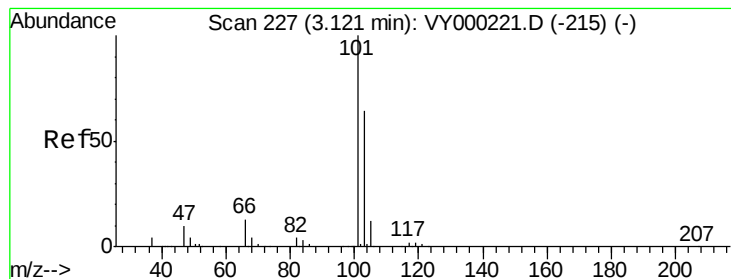
66 35.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



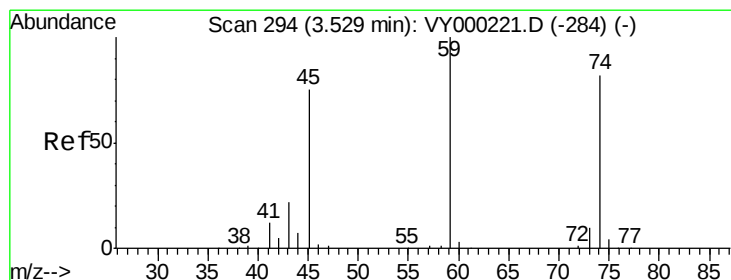
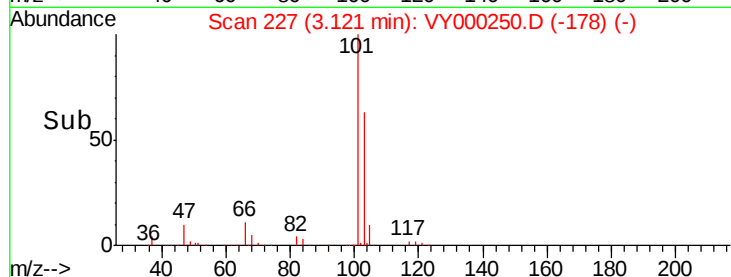
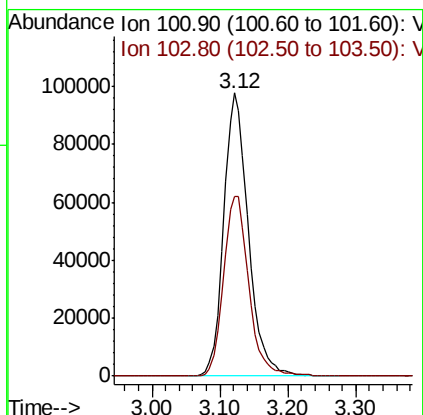
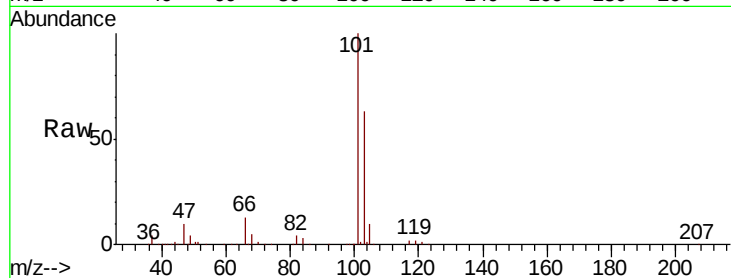


#7

Trichlorofluoromethane
Concen: 50.338 ug/l
RT: 3.12 min Scan# 227
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampled :

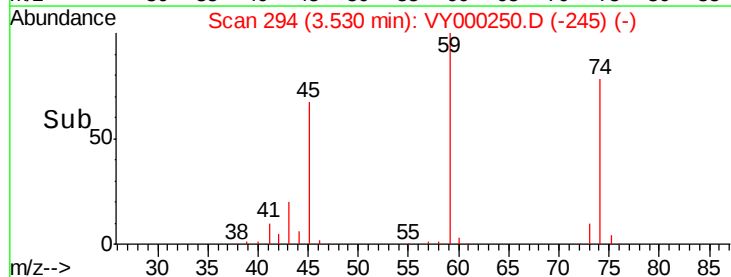
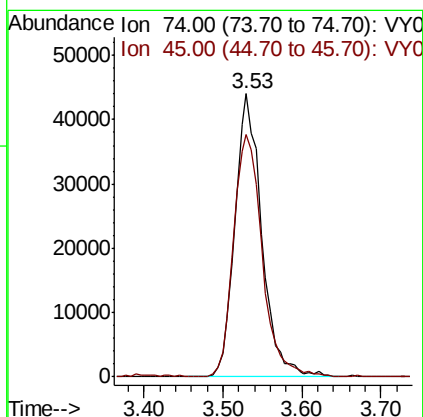
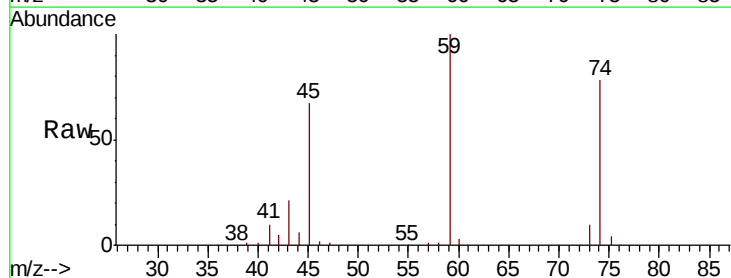
Tot Ion:101 Resp: 244582
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.6

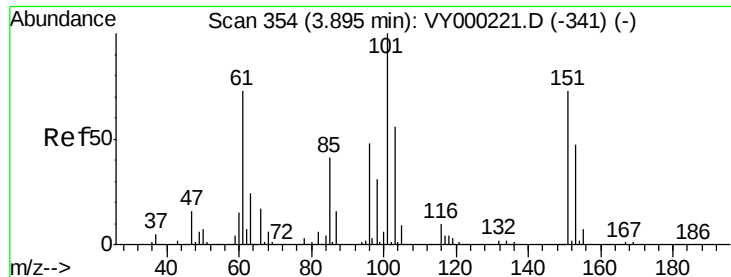


#8

Diethyl Ether
Concen: 46.871 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 74 Resp: 104122
Ion Ratio Lower Upper
74 100
45 92.0 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.240 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

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ClientSampleId :

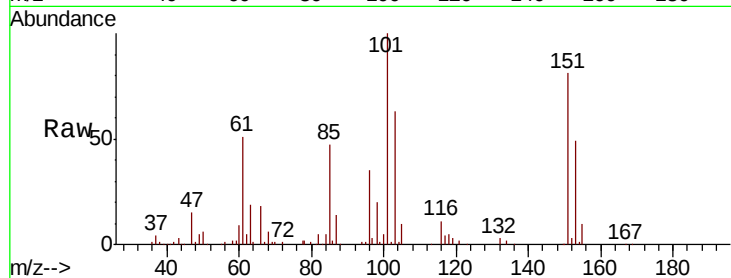
Tot Ion:101 Resp: 142519

Ion Ratio Lower Upper

101 100

85 46.0 37.0 55.6

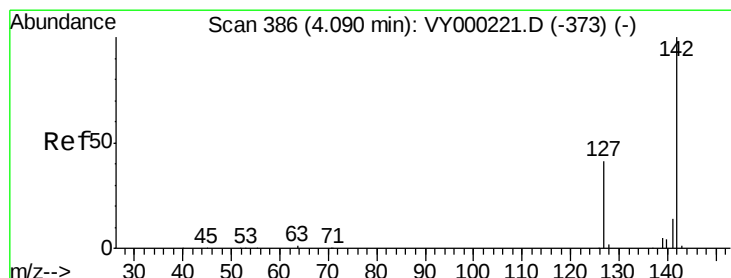
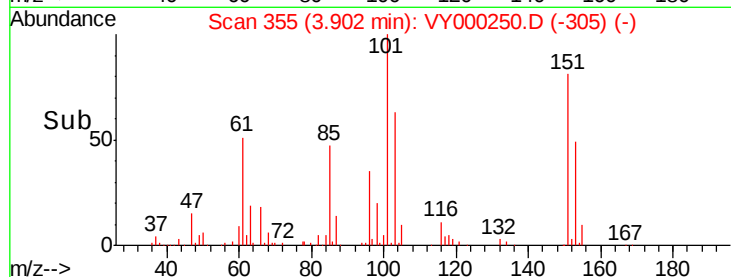
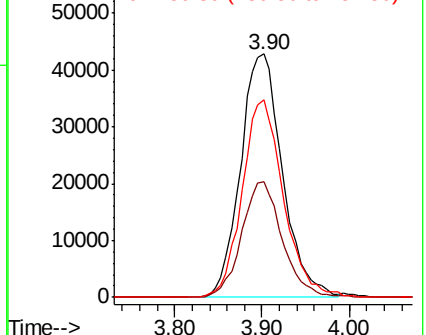
151 79.9 63.0 94.4



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: 49.128 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

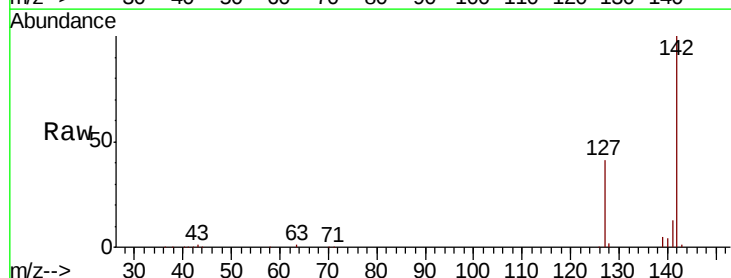
Tgt Ion:142 Resp: 226314

Ion Ratio Lower Upper

142 100

127 42.4 33.0 49.6

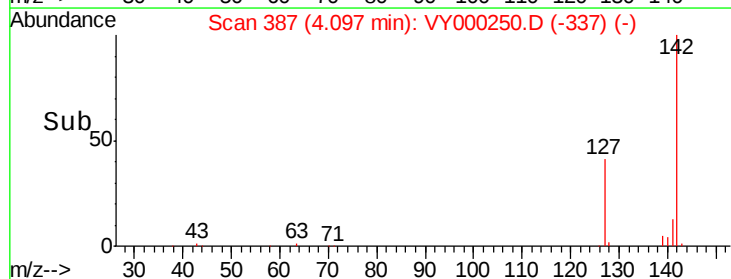
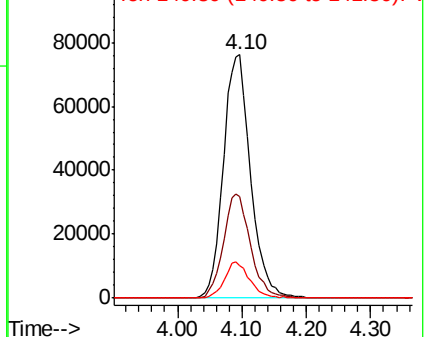
141 13.8 11.0 16.4

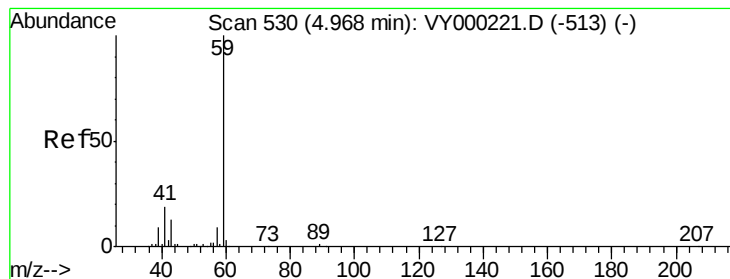


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



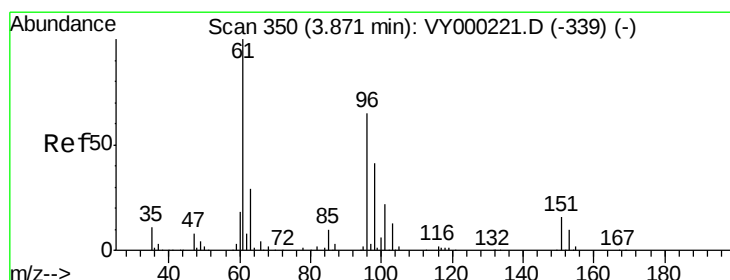
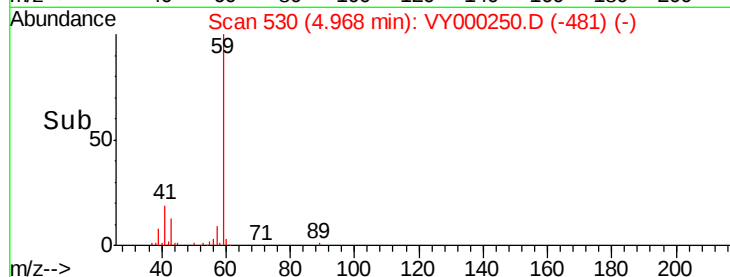
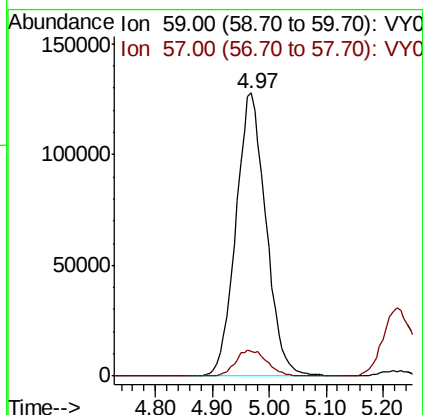
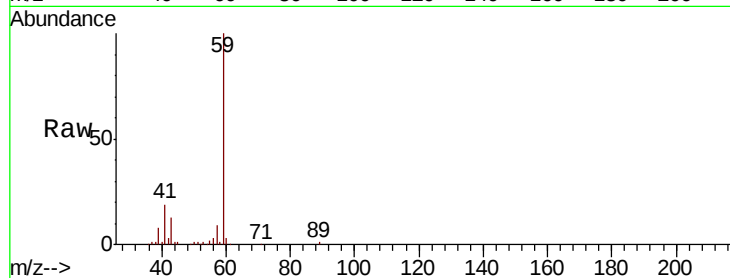


#11

Tert butyl alcohol
 Concen: 251.352 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Instrument :
 MSVOA_Y
 ClientSampled :

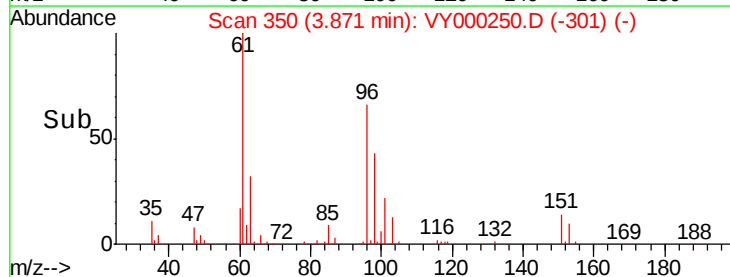
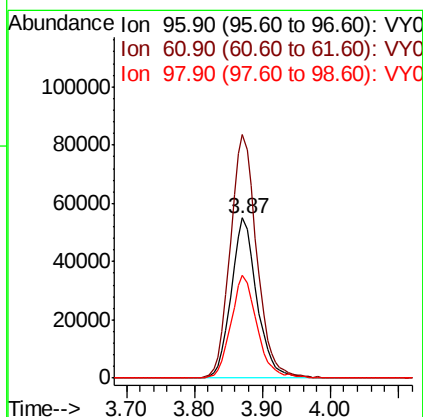
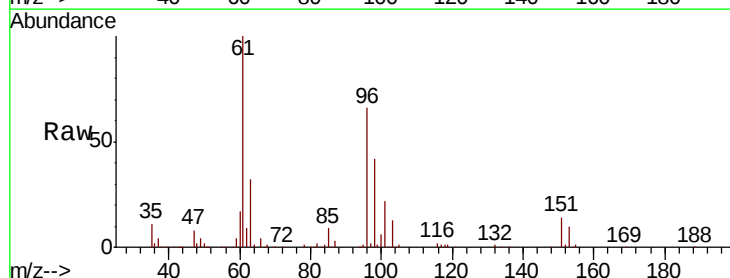
Tot Ion: 59 Resp: 470430
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.0 12.0

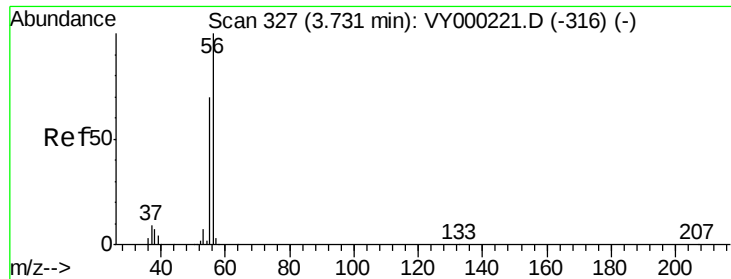


#12

1,1-Dichloroethene
 Concen: 48.971 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion: 96 Resp: 144219
 Ion Ratio Lower Upper
 96 100
 61 152.1 123.8 185.8
 98 64.6 50.9 76.3

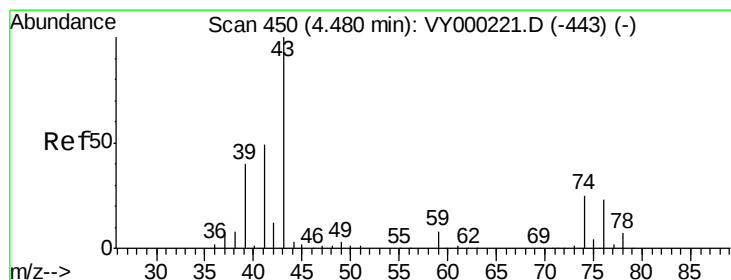
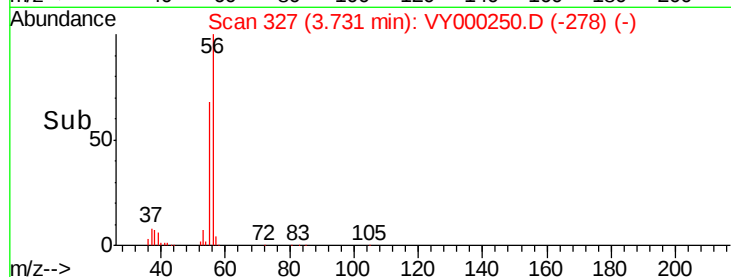
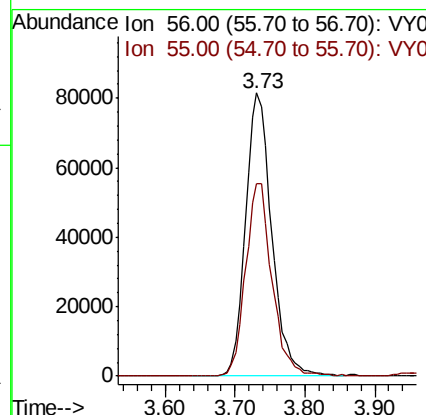
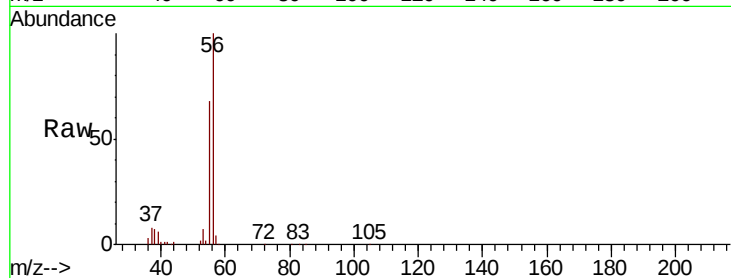




#13
Acrolein
Concen: 215.977 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

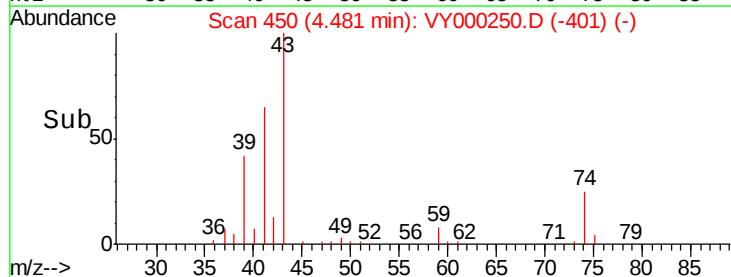
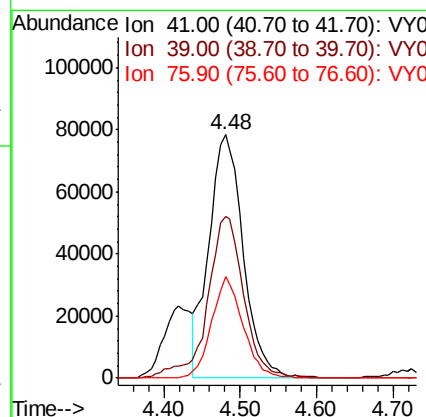
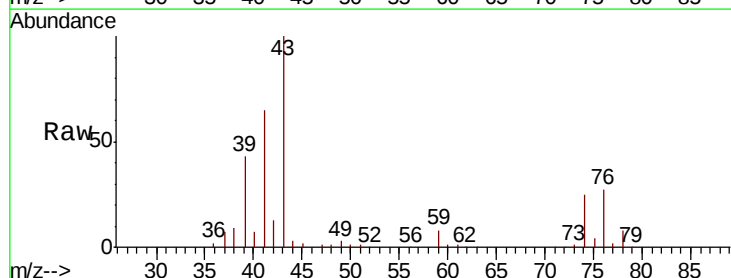
Instrument :
MSVOA_Y
ClientSampleId :

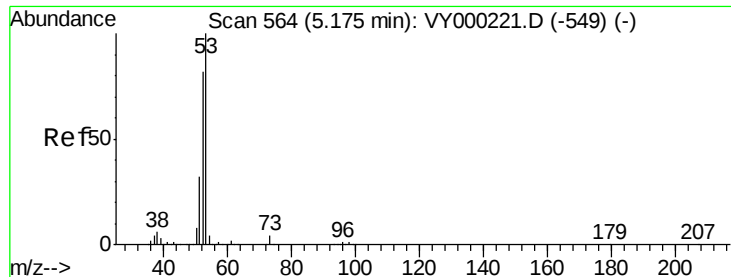
Tot Ion: 56 Resp: 212183
Ion Ratio Lower Upper
56 100
55 68.5 55.2 82.8



#14
Allyl chloride
Concen: 48.976 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 41 Resp: 243036
Ion Ratio Lower Upper
41 100
39 70.6 56.4 84.6
76 38.4 30.8 46.2





#15

Acrylonitrile

Concen: 248.170 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

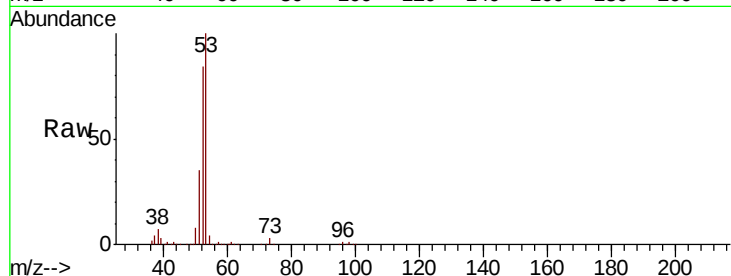
Tot Ion: 53 Resp: 819916

Ion Ratio Lower Upper

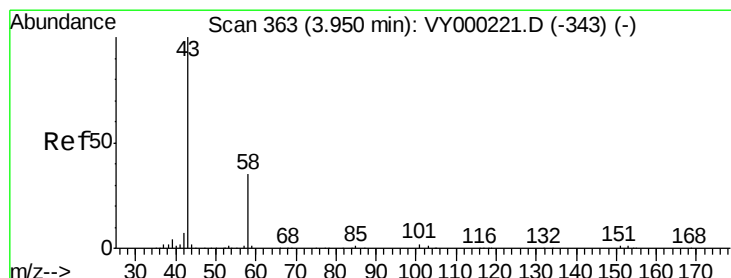
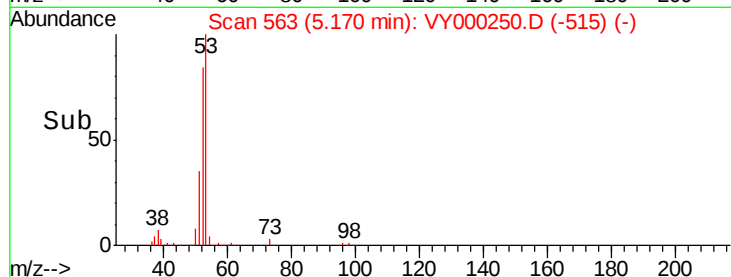
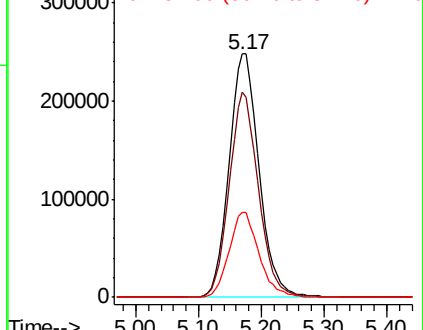
53 100

52 82.1 65.4 98.2

51 34.8 27.2 40.8



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



#16

Acetone

Concen: 233.853 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY000250.D

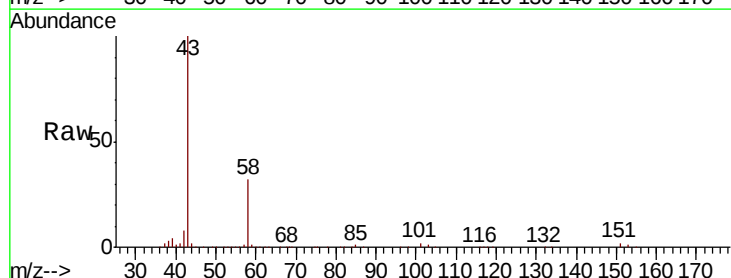
Acq: 10 Oct 2019 13:50

Tgt Ion: 43 Resp: 638066

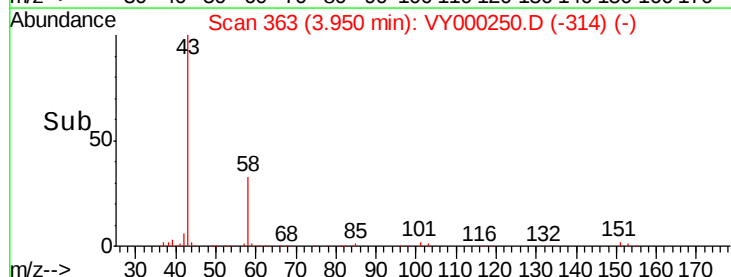
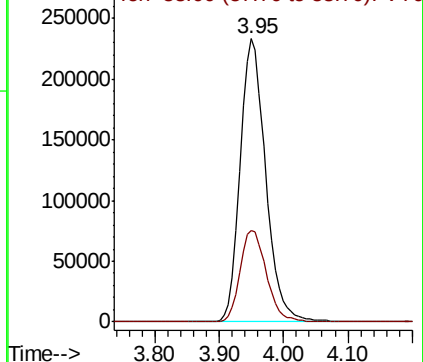
Ion Ratio Lower Upper

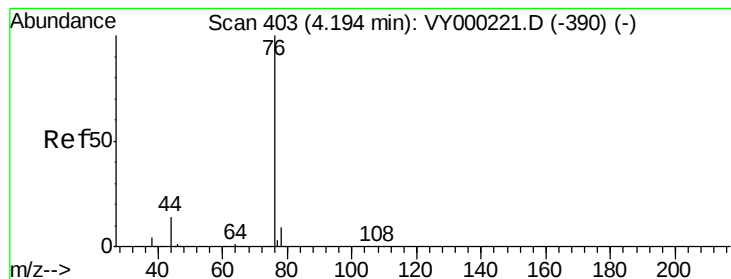
43 100

58 32.4 28.2 42.4



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





#17

Carbon Disulfide

Concen: 48.572 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

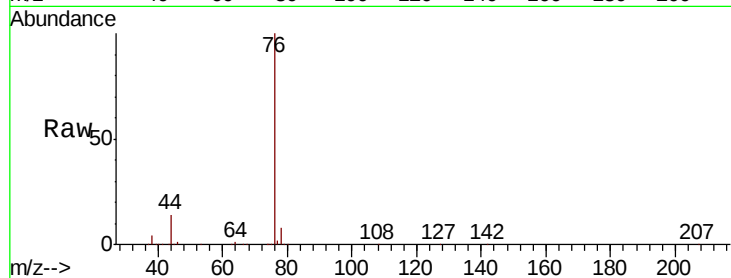
ClientSampleId :

Tot Ion: 76 Resp: 421598

Ion Ratio Lower Upper

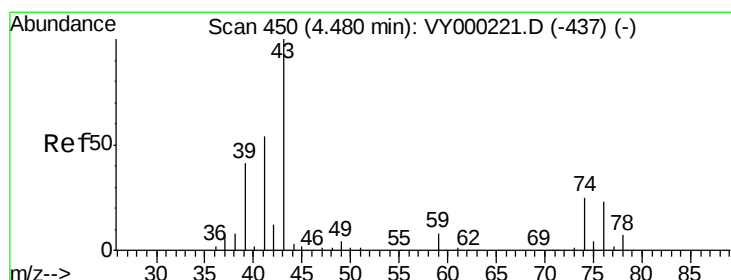
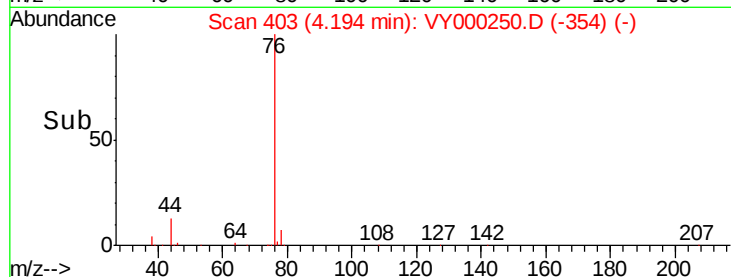
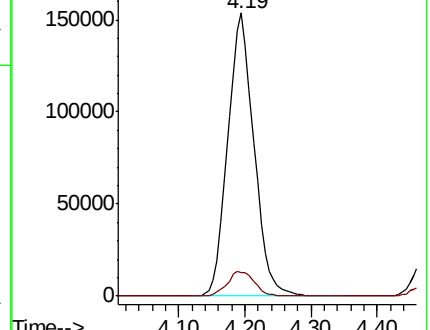
76 100

78 8.2 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: 49.964 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000250.D

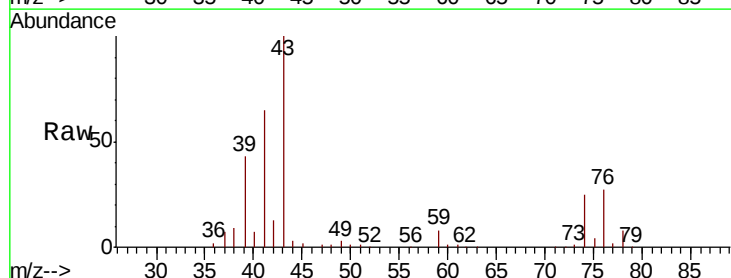
Acq: 10 Oct 2019 13:50

Tgt Ion: 43 Resp: 373606

Ion Ratio Lower Upper

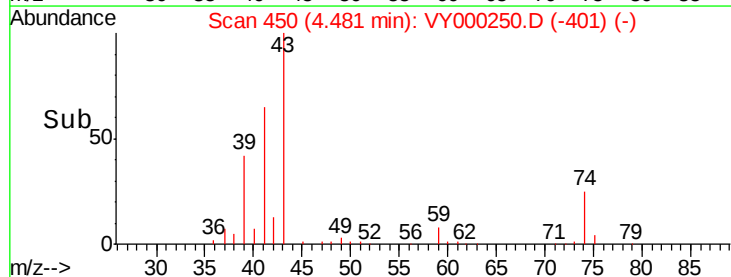
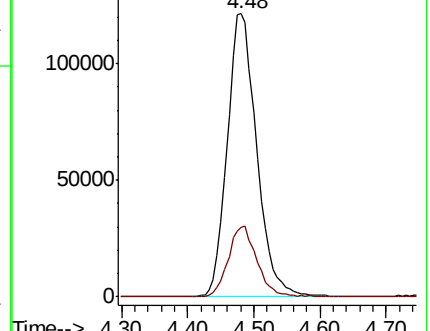
43 100

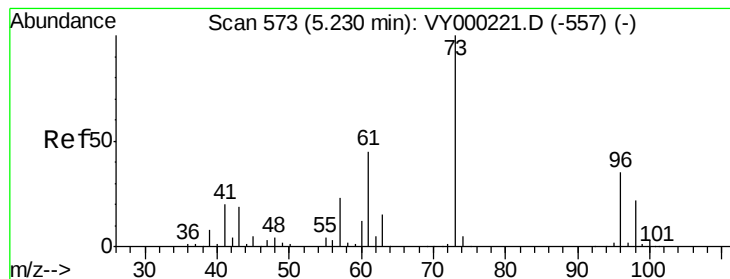
74 24.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



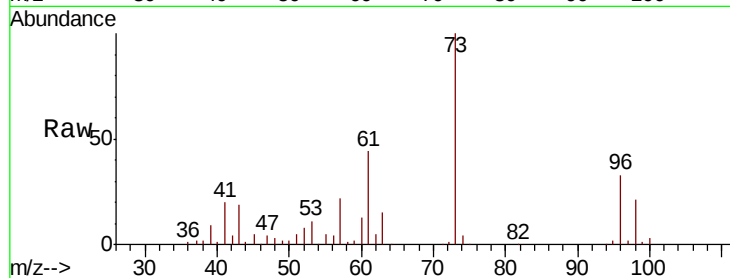


#19

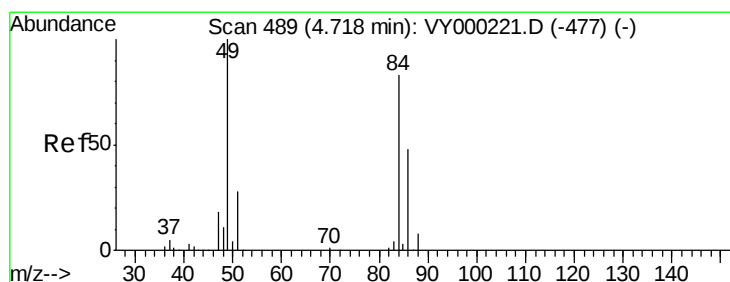
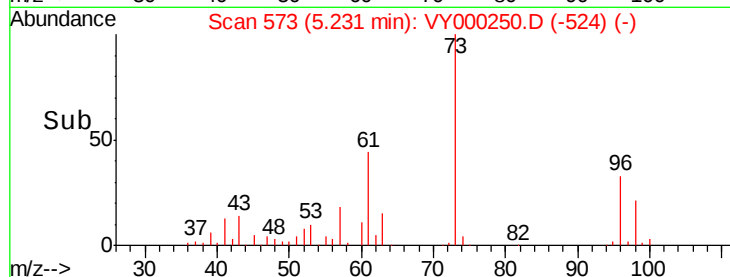
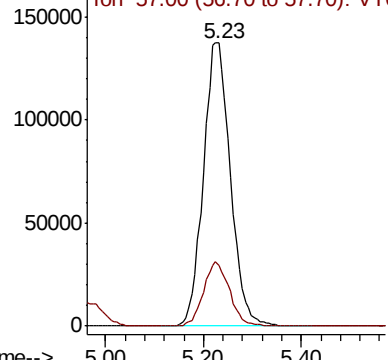
Methyl tert-butyl Ether
 Concen: 48.687 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 73 Resp: 524558
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.4 27.6



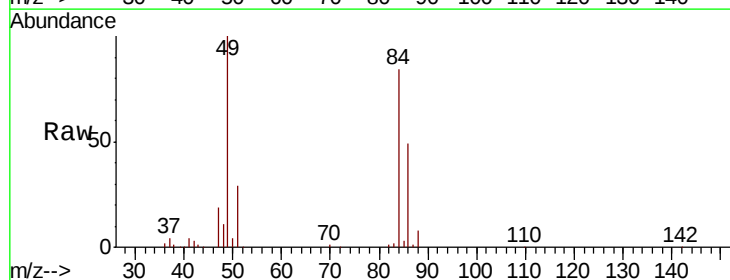
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



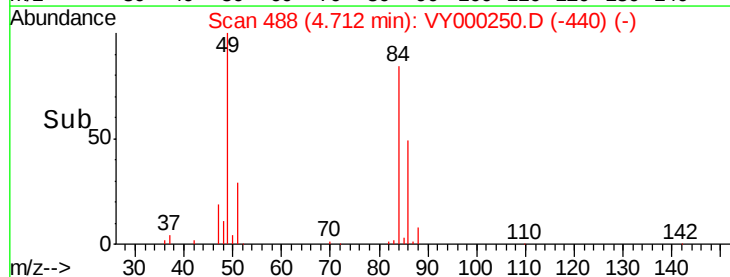
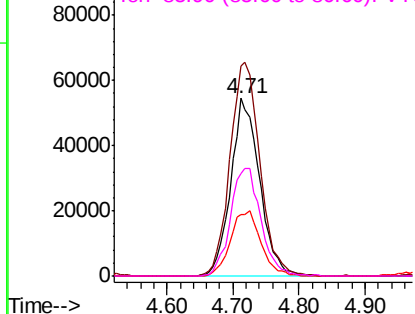
#20

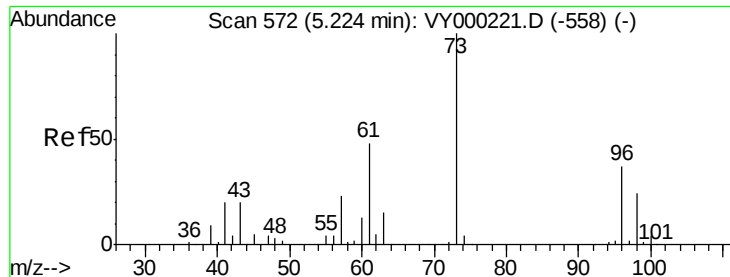
Methylene Chloride
 Concen: 45.879 ug/l
 RT: 4.71 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion: 84 Resp: 164450
 Ion Ratio Lower Upper
 84 100
 49 118.6 96.2 144.2
 51 34.7 26.6 39.8
 86 57.6 46.7 70.1



Abundance Ion 83.90 (83.60 to 84.60): VY0
 Ion 48.90 (48.60 to 49.60): VY0
 Ion 50.90 (50.60 to 51.60): VY0
 Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 49.133 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

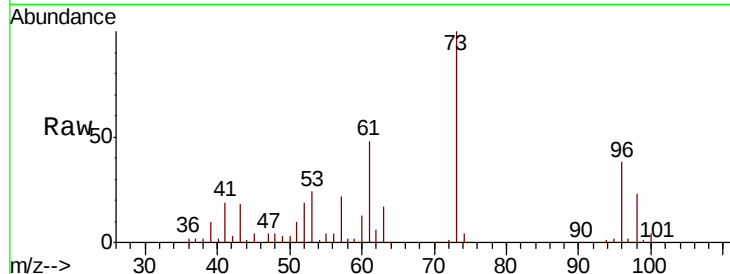
Tot Ion: 96 Resp: 162773

Ion Ratio Lower Upper

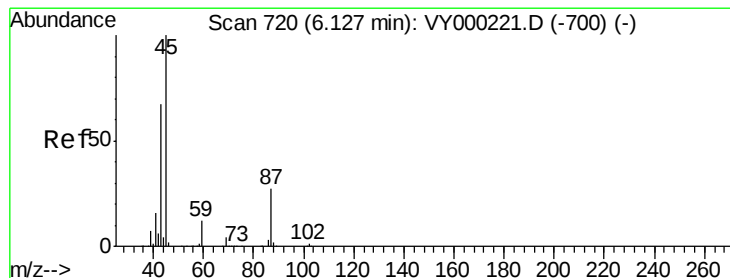
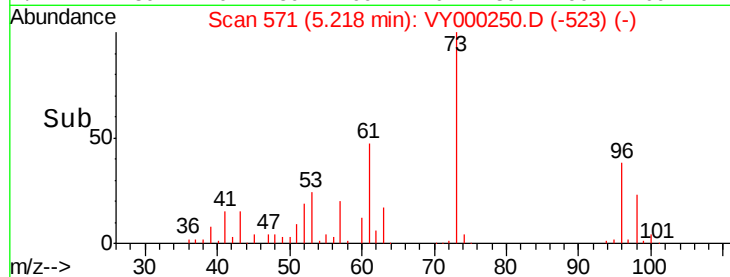
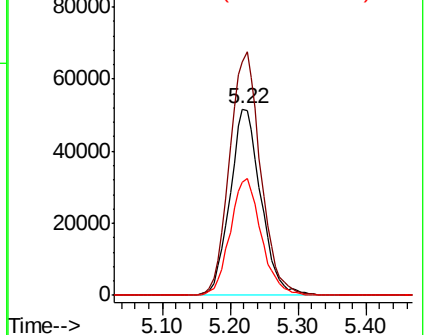
96 100

61 125.5 104.2 156.2

98 60.5 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: 49.970 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Tgt Ion: 45 Resp: 574496

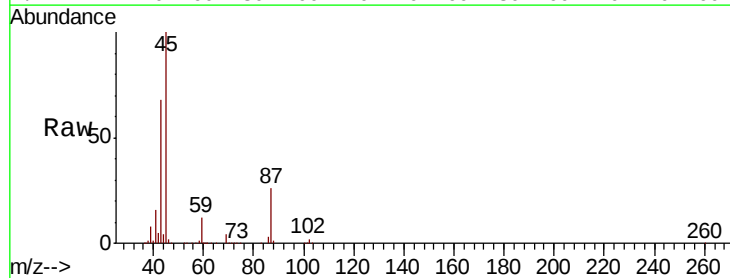
Ion Ratio Lower Upper

45 100

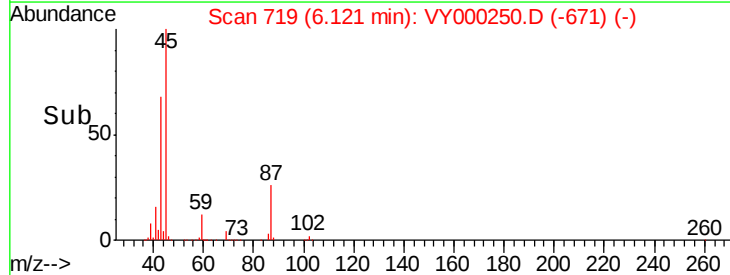
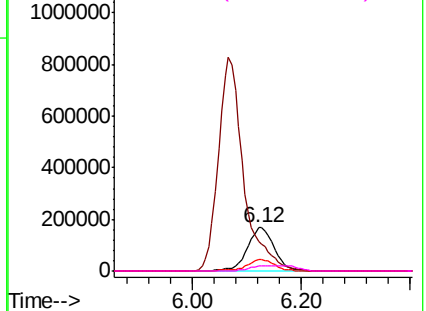
43 68.0 53.4 80.2

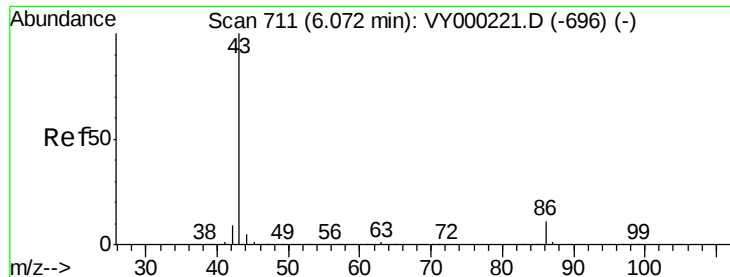
87 26.0 21.7 32.5

59 11.9 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: 234.067 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

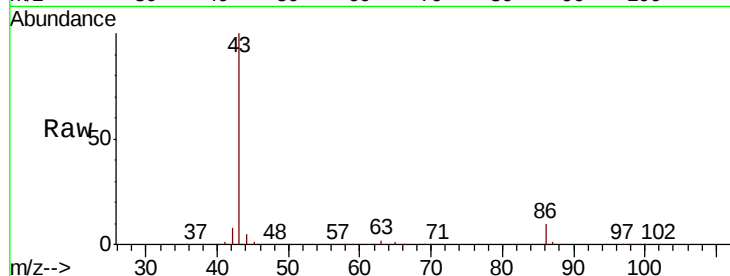
ClientSampleId :

Tot Ion: 43 Resp: 2659667

Ion Ratio Lower Upper

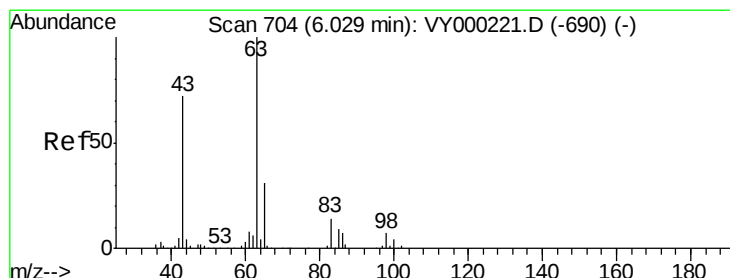
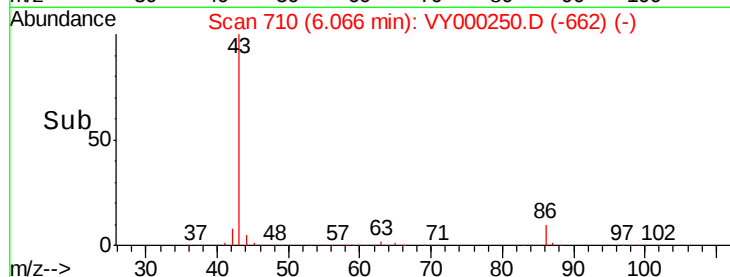
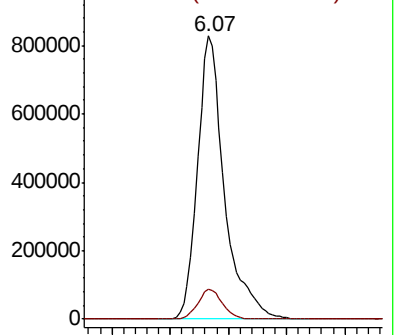
43 100

86 10.4 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: 48.719 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

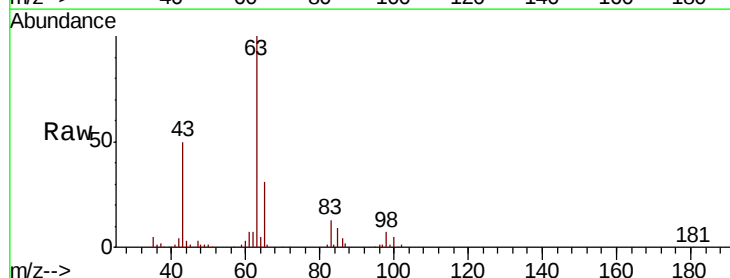
Tgt Ion: 63 Resp: 285702

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

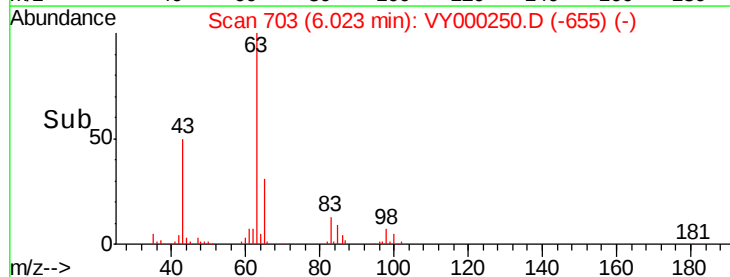
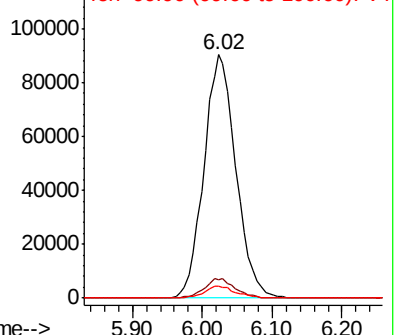
100 4.9 2.1 6.5

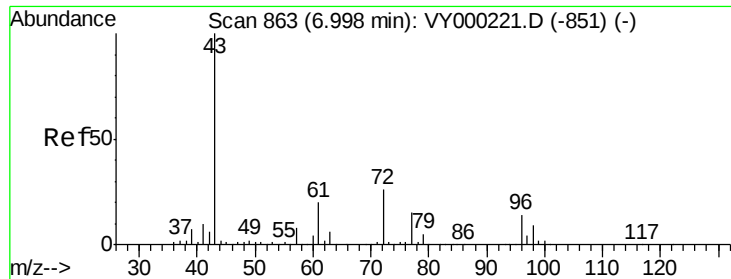


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 251.298 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

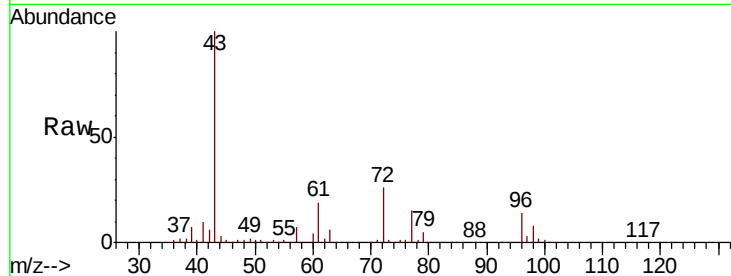
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1268465

Ion Ratio Lower Upper

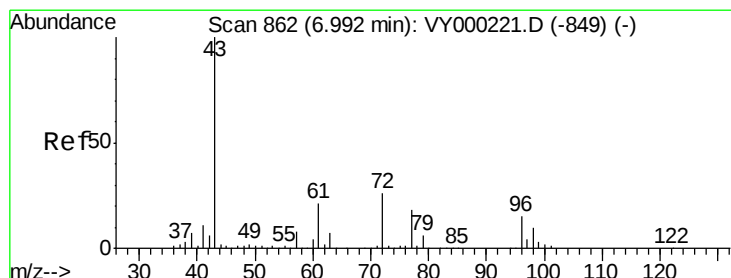
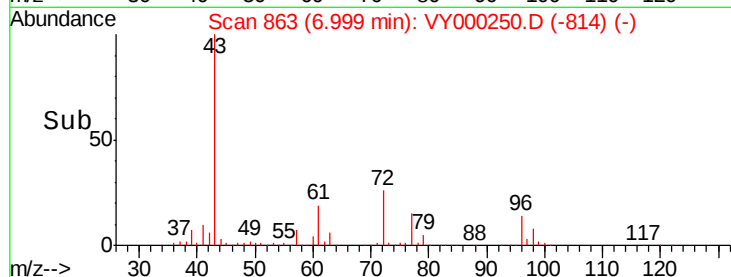
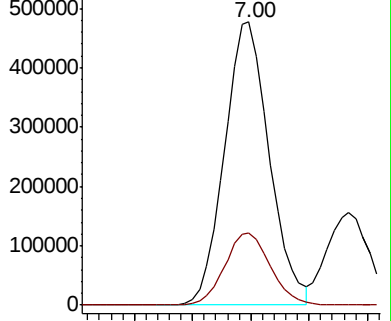
43 100

72 25.6 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: 48.717 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000250.D

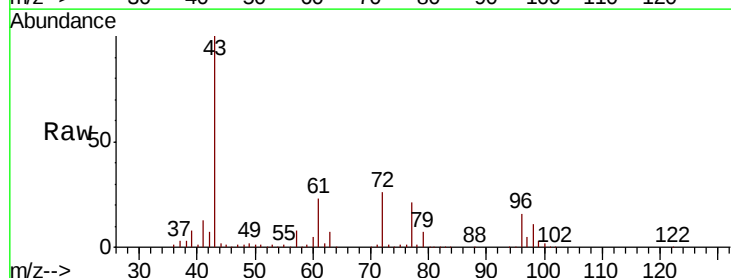
Acq: 10 Oct 2019 13:50

Tgt Ion: 77 Resp: 257894

Ion Ratio Lower Upper

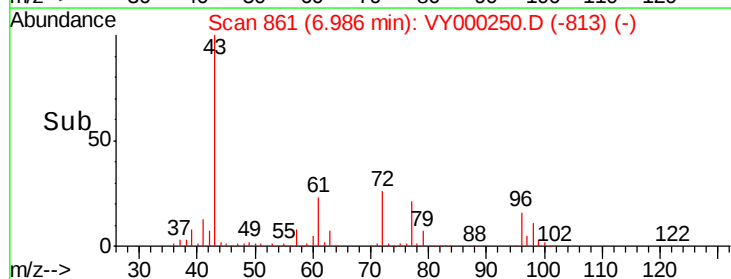
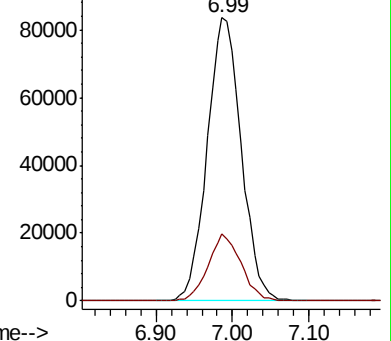
77 100

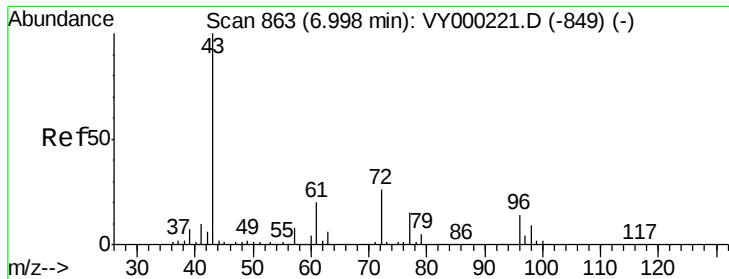
97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



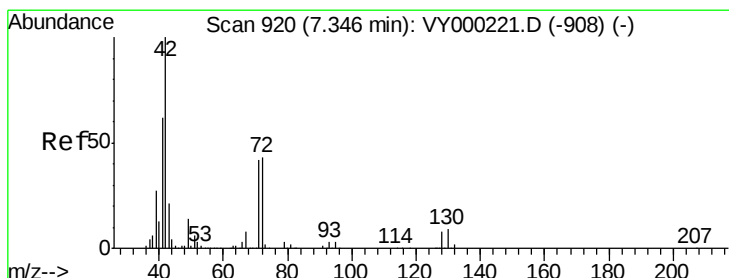
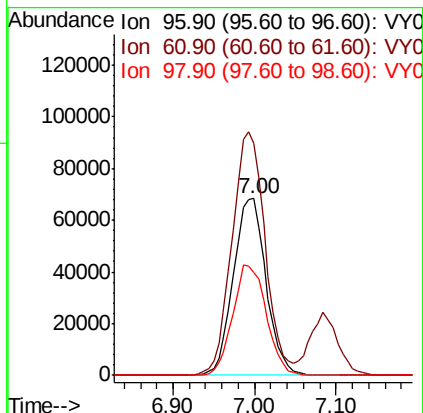
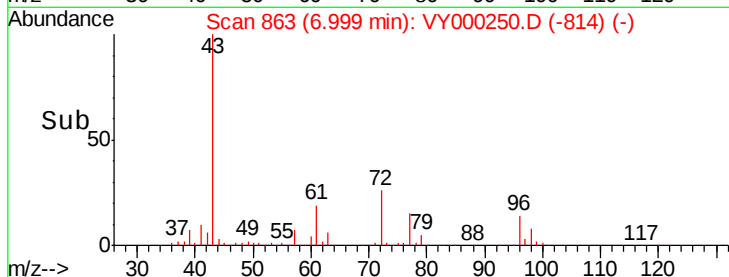
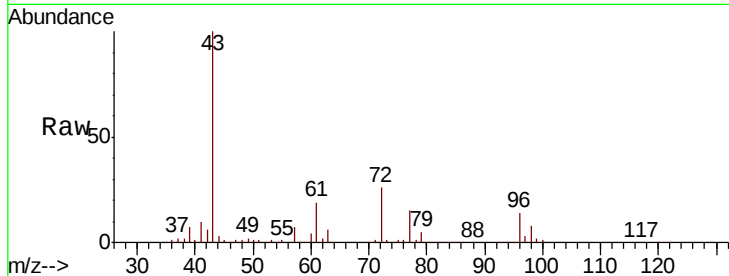


#27

cis-1,2-Dichloroethene
Concen: 48.658 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

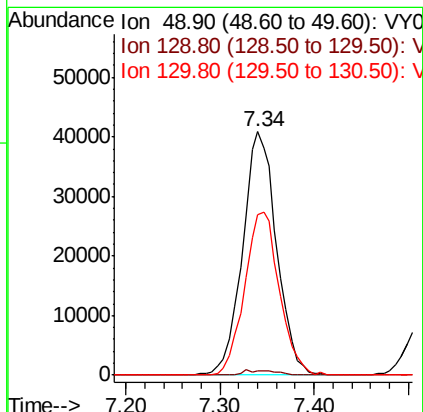
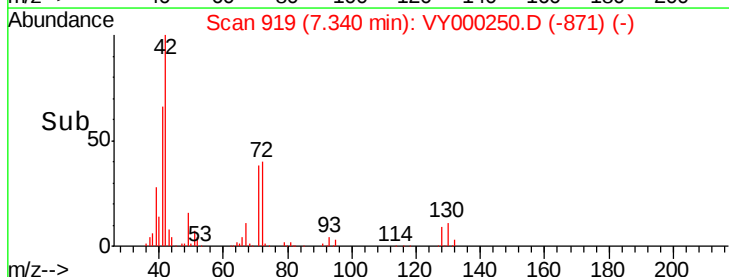
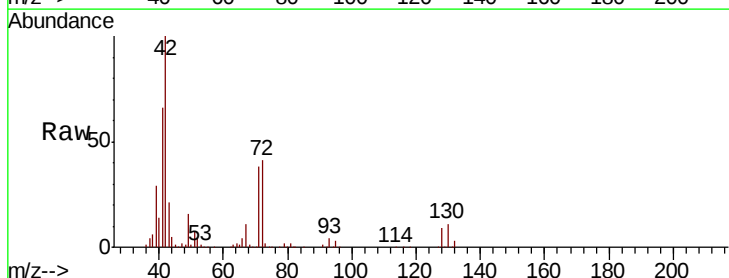
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	282.6
98	64.0	0.0	129.8

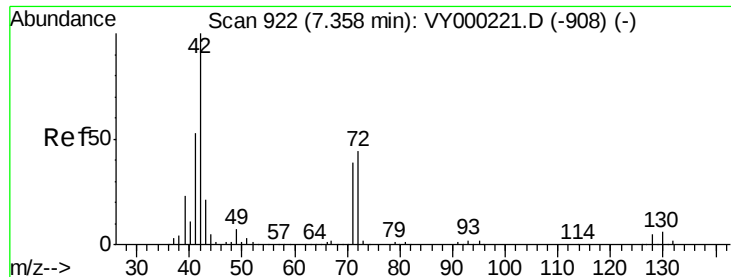


#28

Bromochloromethane
Concen: 53.402 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.2
130	68.8	56.5	84.7

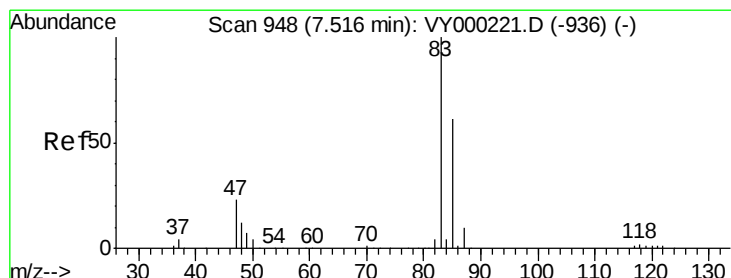
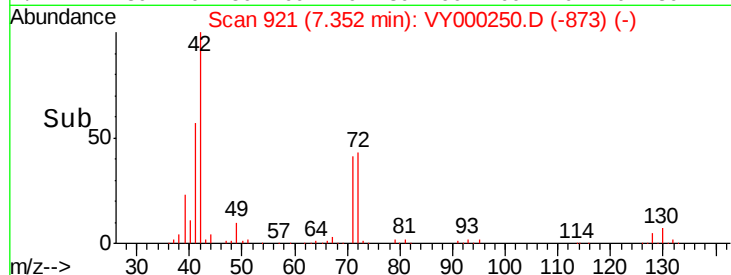
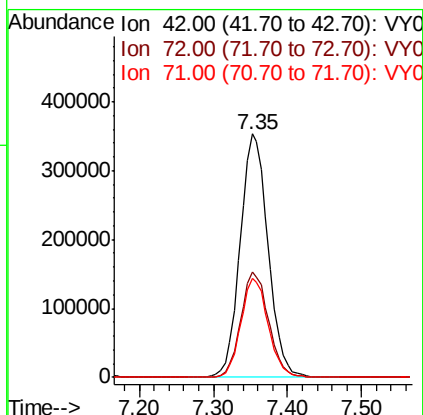
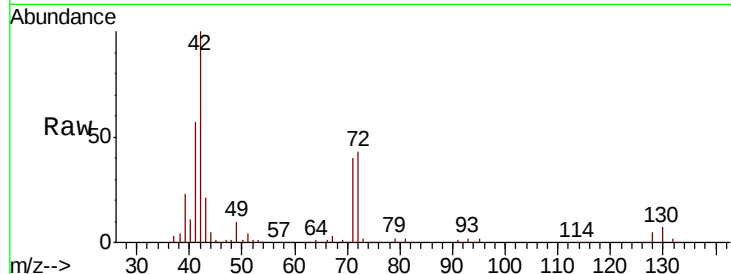




#29
Tetrahydrofuran
Concen: 260.646 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

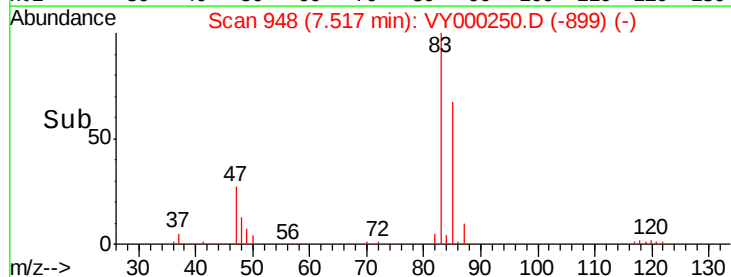
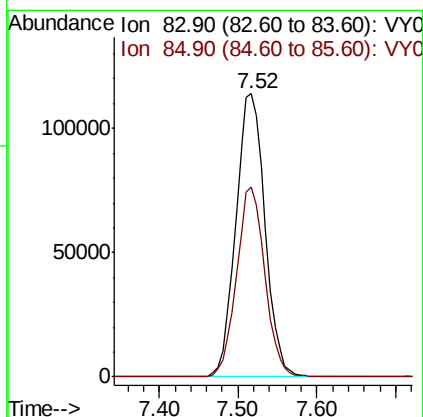
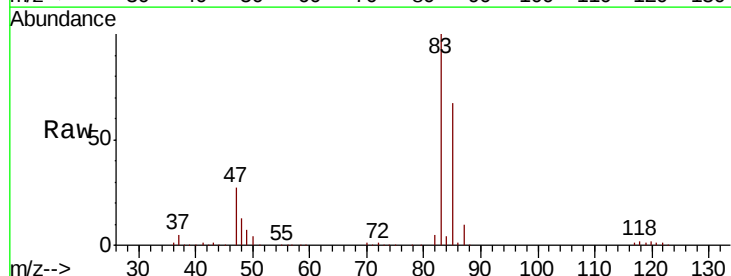
Instrument :
MSVOA_Y
ClientSampled :

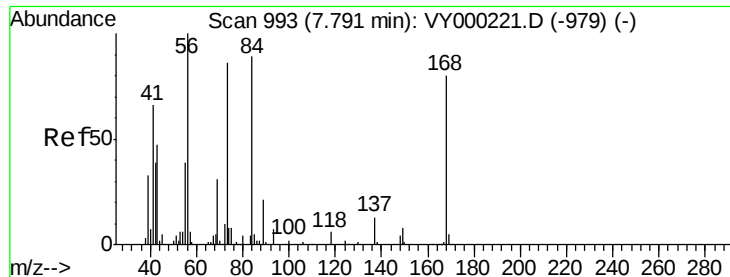
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.6	51.8
71	39.8	31.9	47.9



#30
Chloroform
Concen: 48.007 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	48.9	73.3

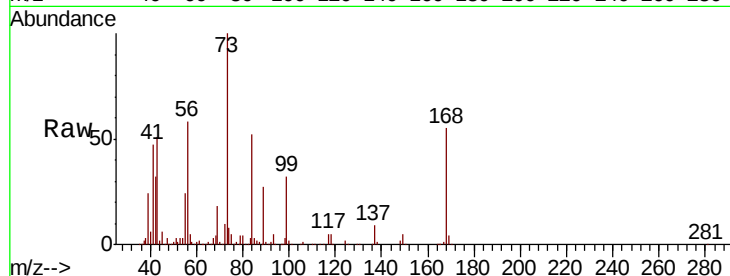




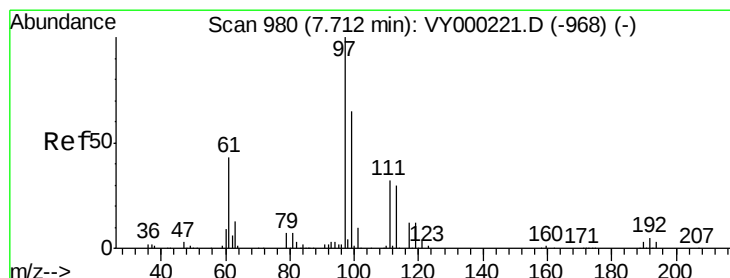
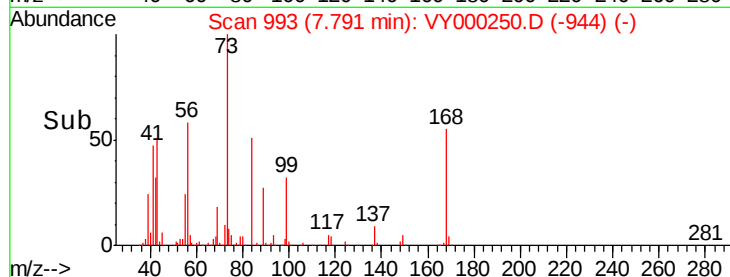
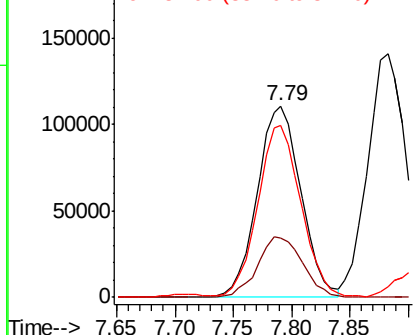
#31
Cyclohexane
Concen: 48.614 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 287952
Ion Ratio Lower Upper
56 100
69 31.2 24.7 37.1
84 88.2 71.3 106.9

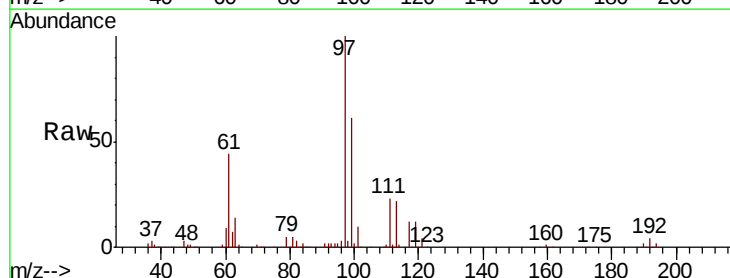


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

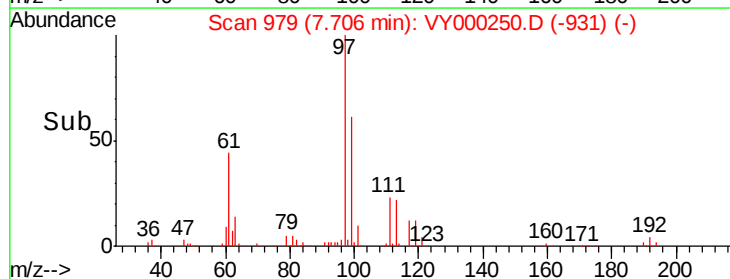
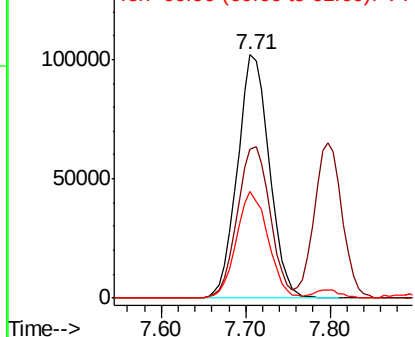


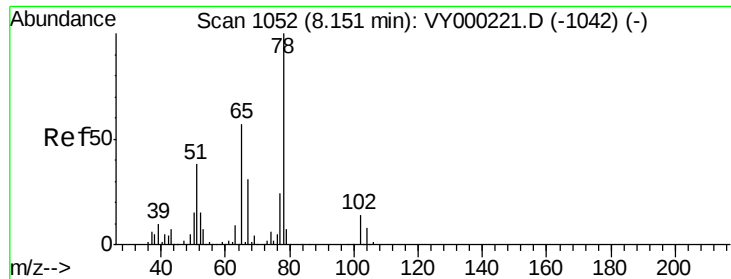
#32
1,1,1-Trichloroethane
Concen: 50.314 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 97 Resp: 260334
Ion Ratio Lower Upper
97 100
99 64.0 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

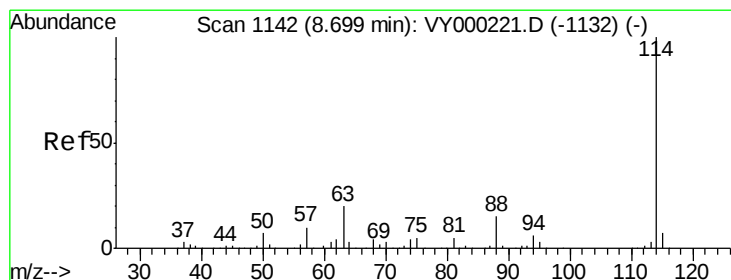
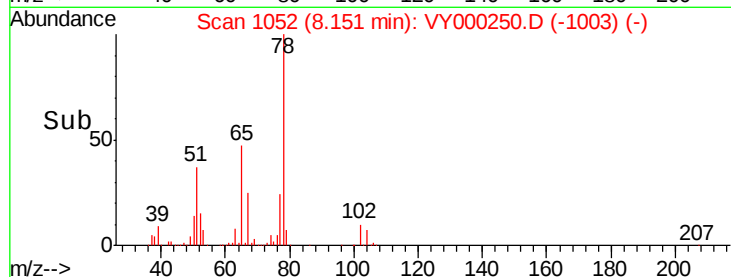
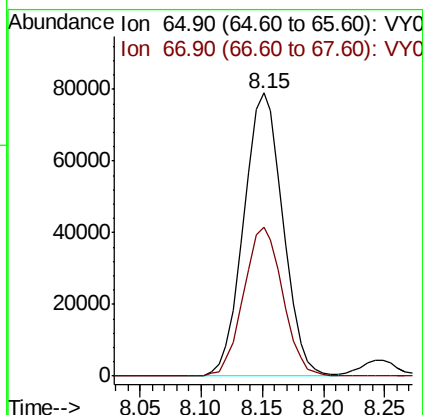
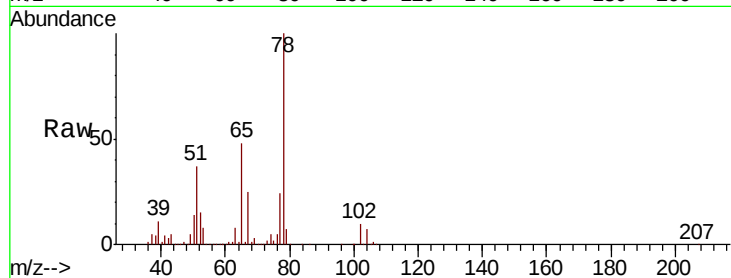




#33
 1,2-Dichloroethane-d4
 Concen: 51.239 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

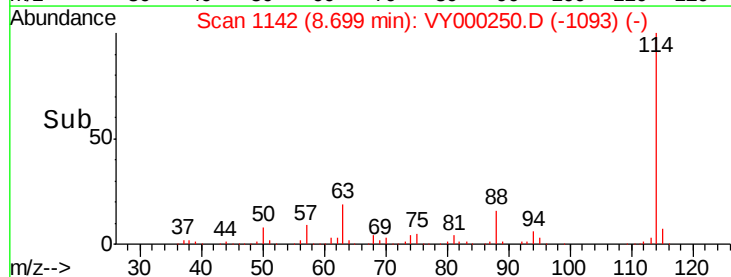
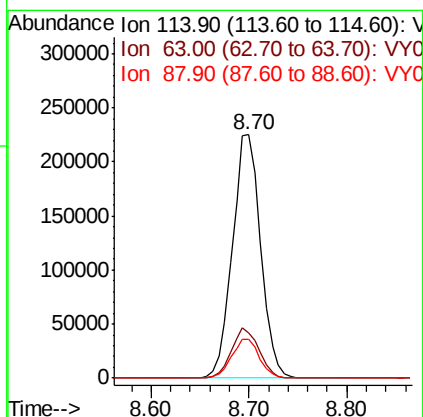
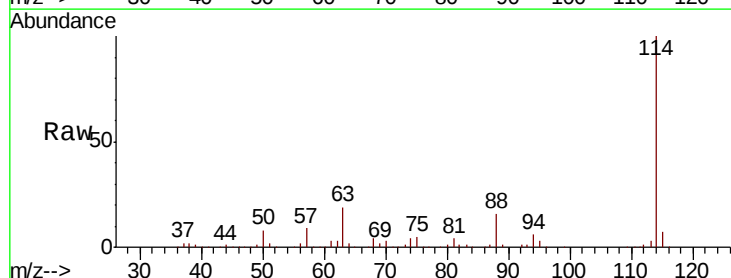
Instrument :
 MSVOA_Y
 ClientSampled :

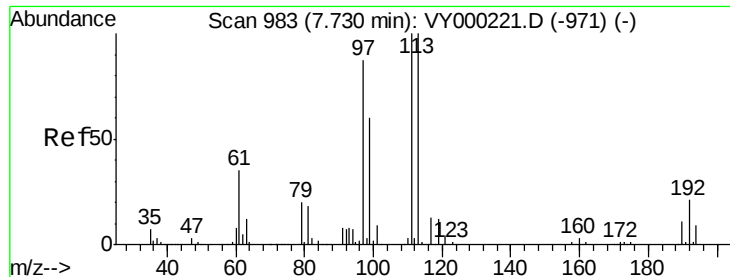
Tot Ion: 65 Resp: 176523
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion: 114 Resp: 449454
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 15.8 0.0 30.6

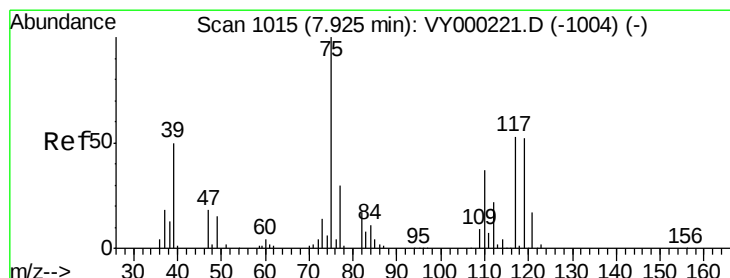
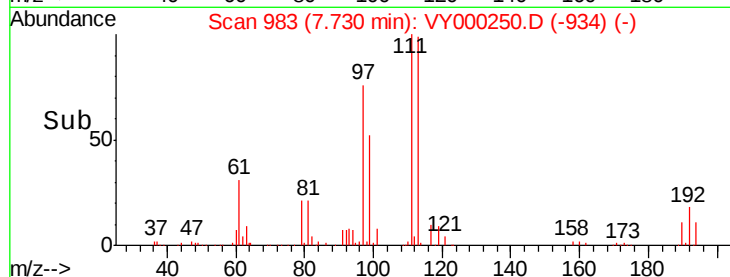
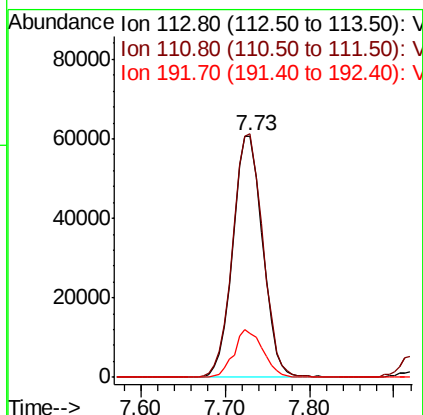
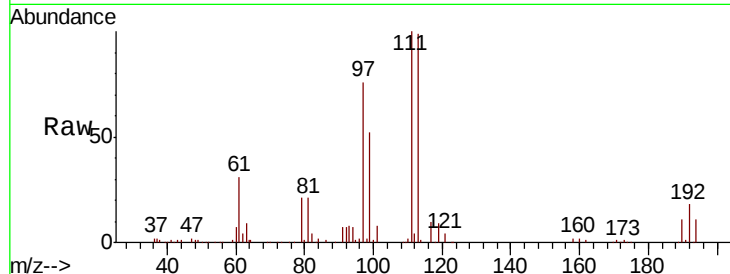




#35
 Dibromofluoromethane
 Concen: 51.758 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

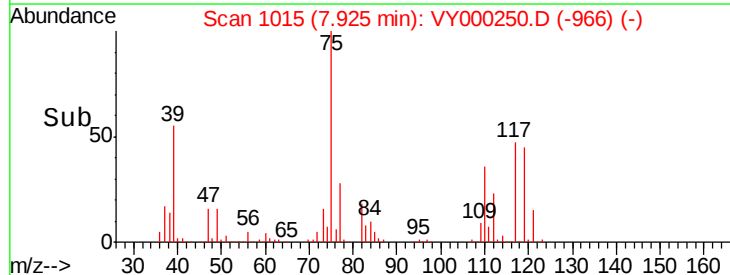
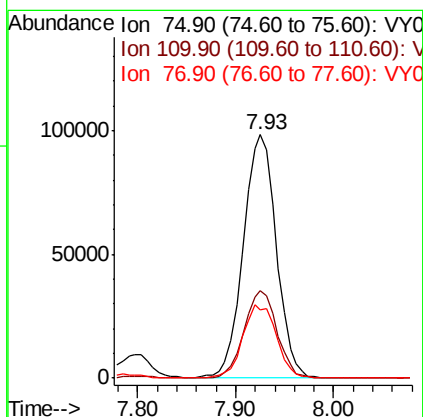
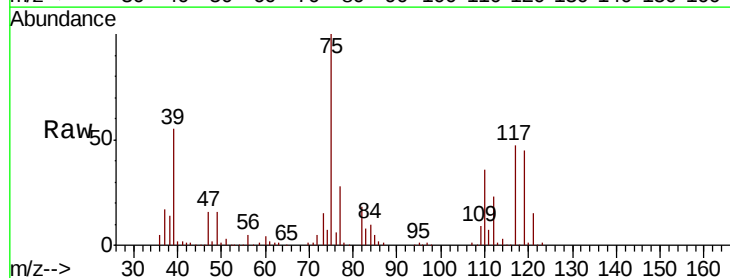
Instrument :
 MSVOA_Y
 ClientSampleId :

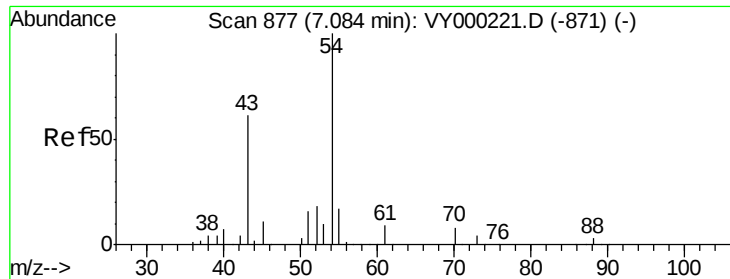
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	19.3	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 50.330 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.4	55.2
77	30.9	24.7	37.1

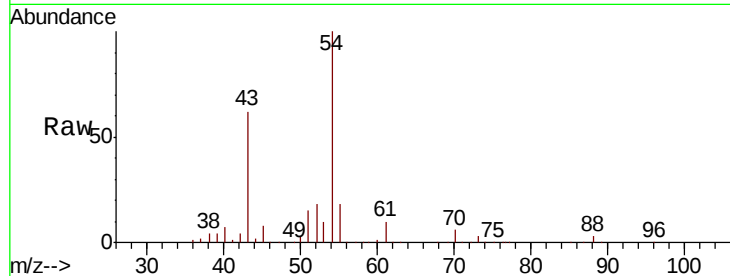




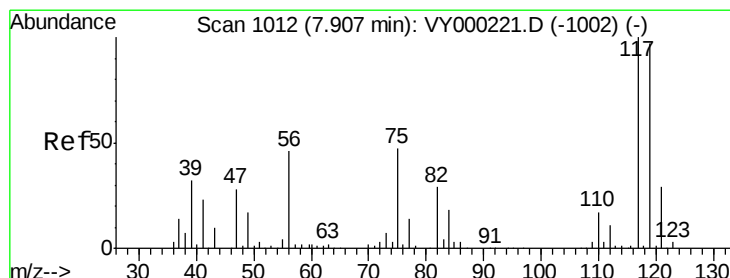
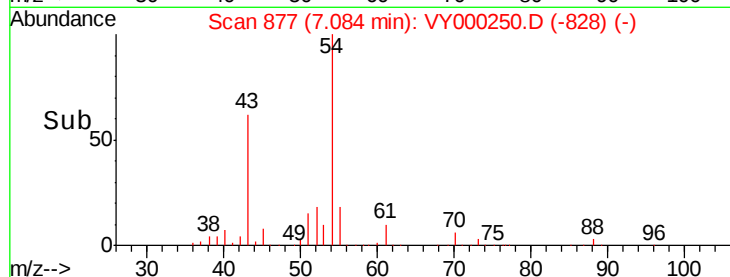
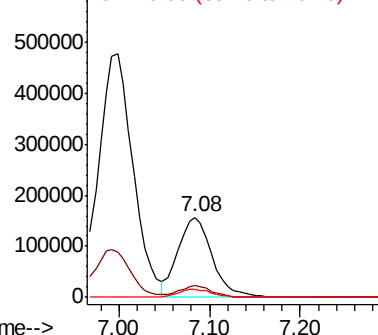
#37
Ethyl Acetate
Concen: 49.977 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 413175
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.2 8.5 12.7

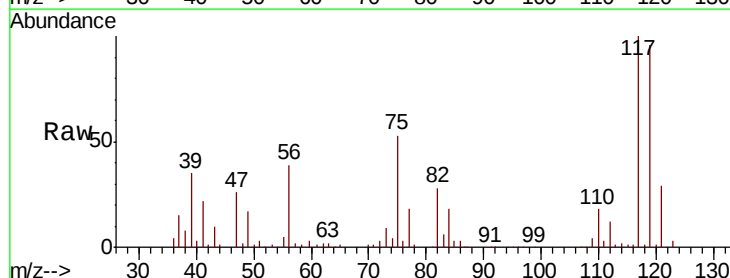


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

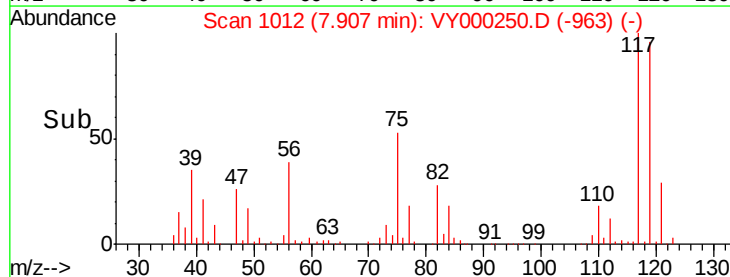
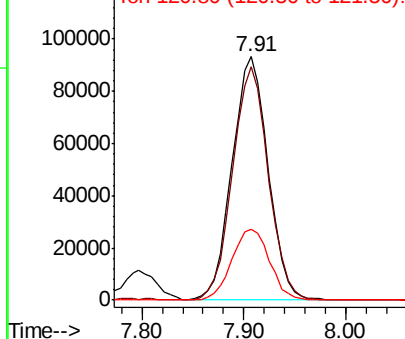


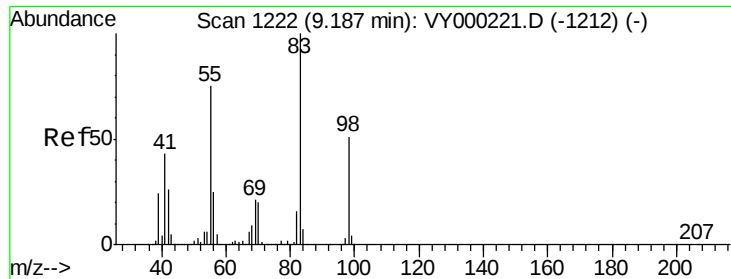
#38
Carbon Tetrachloride
Concen: 51.138 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 117 Resp: 227929
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 28.9 23.1 34.7



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

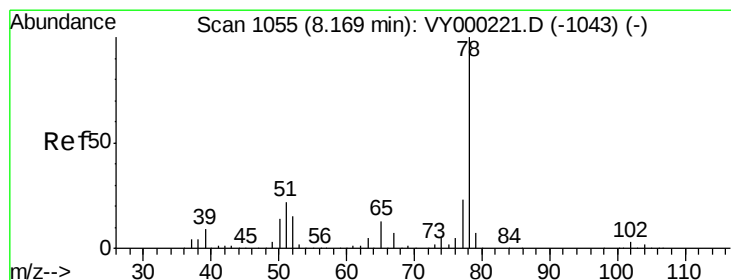
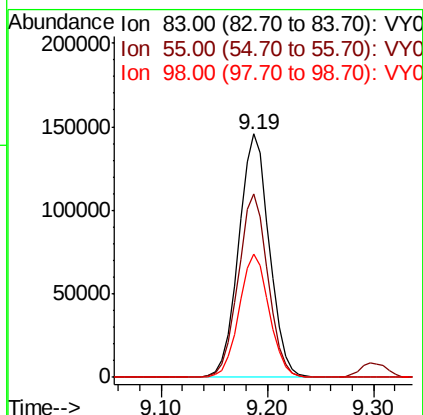
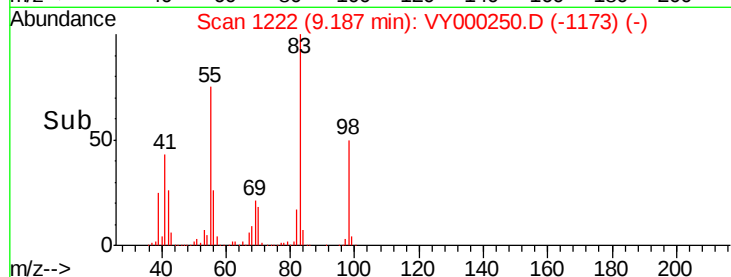
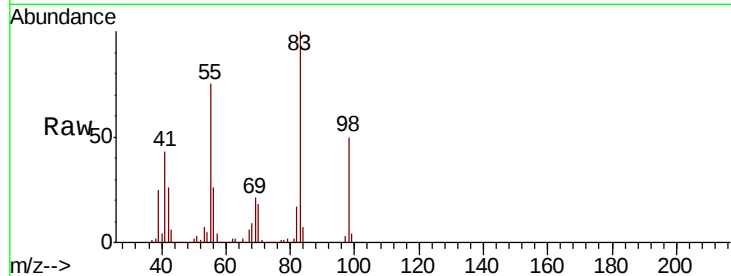




#39
Methvlcvclohexane
Concen: 51.180 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

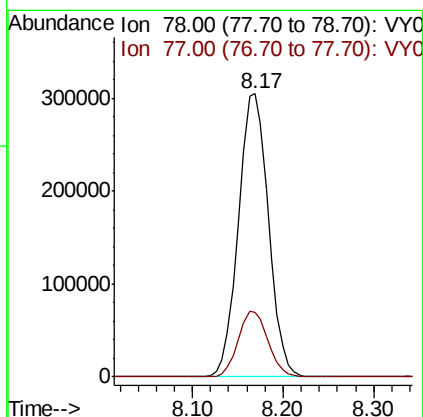
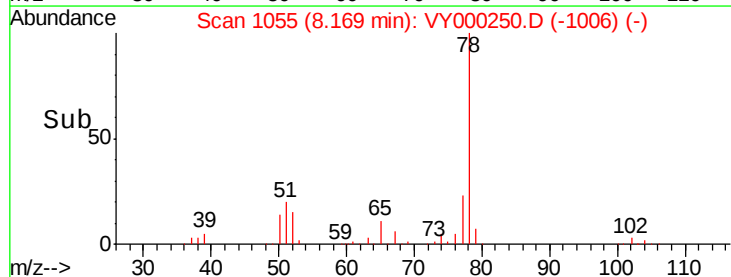
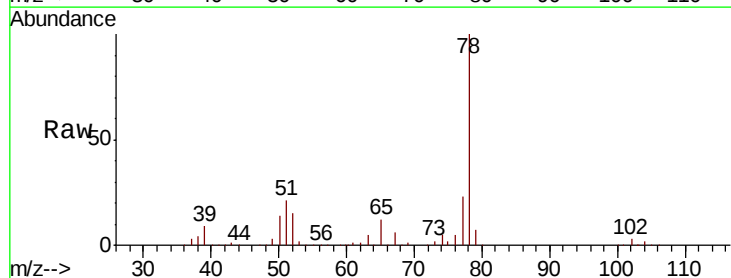
Instrument :
MSVOA_Y
ClientSampled :

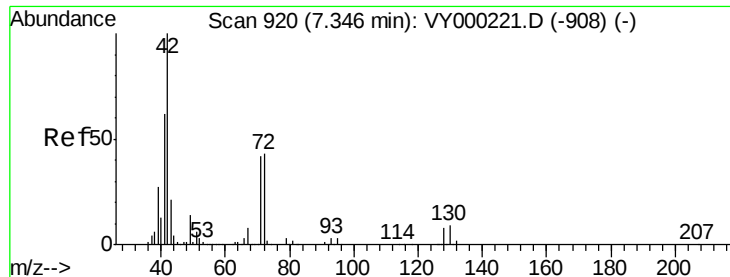
Tot Ion	83	Resp	293623
Ion Ratio	Lower	Upper	
83	100		
55	75.3	60.2	90.4
98	50.4	40.5	60.7



#40
Benzene
Concen: 50.417 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion	78	Resp	699408
Ion Ratio	Lower	Upper	
78	100		
77	22.8	18.6	28.0

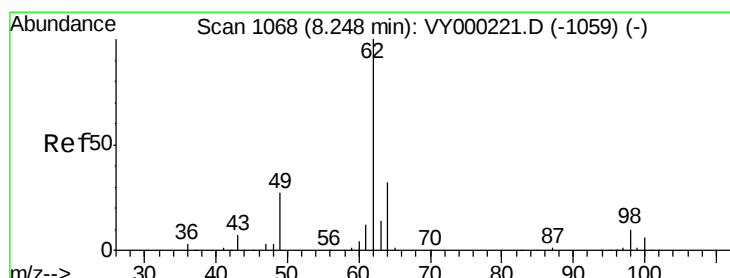
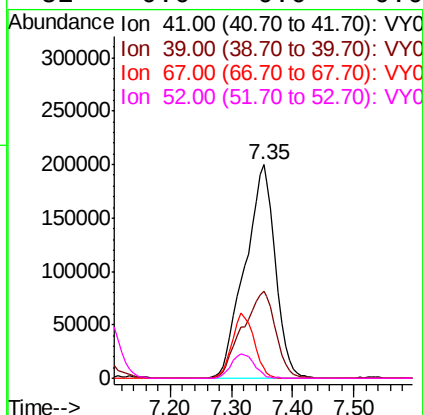
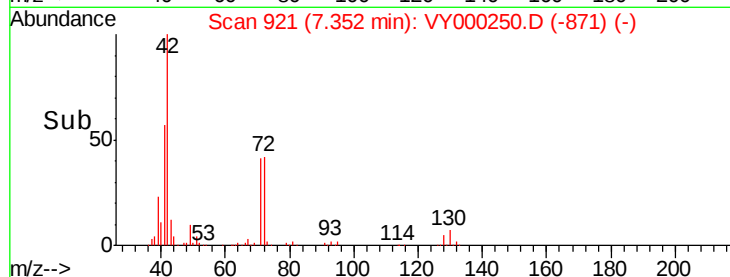
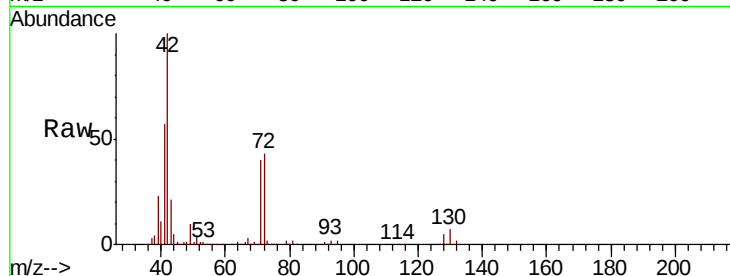




#41
Methacrylonitrile
Concen: 106.466 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

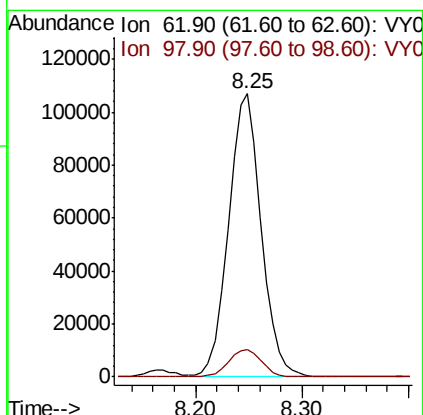
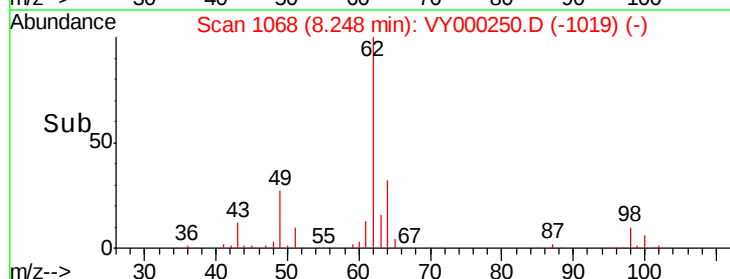
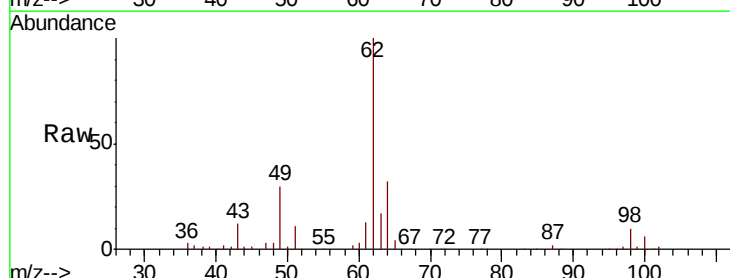
Instrument :
MSVOA_Y
ClientSampleId :

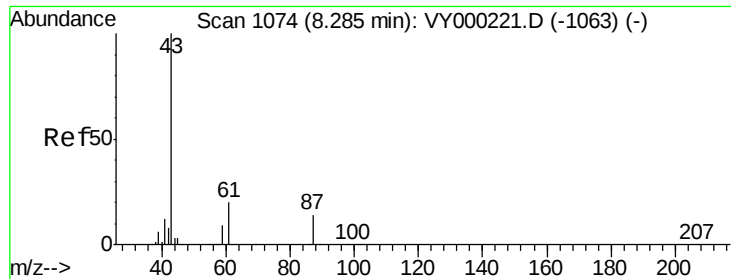
Tot Ion: 41 Resp: 692799
Ion Ratio Lower Upper
41 100
39 44.4 74.7 112.1#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.879 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 62 Resp: 229262
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.0



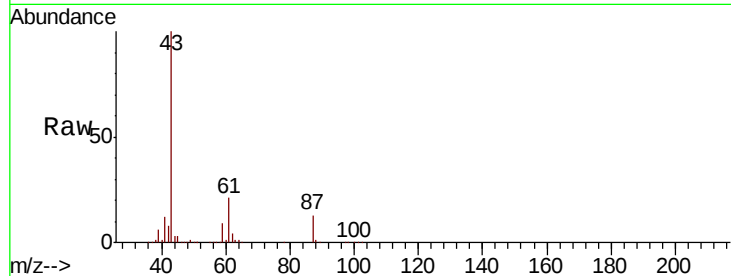


#43

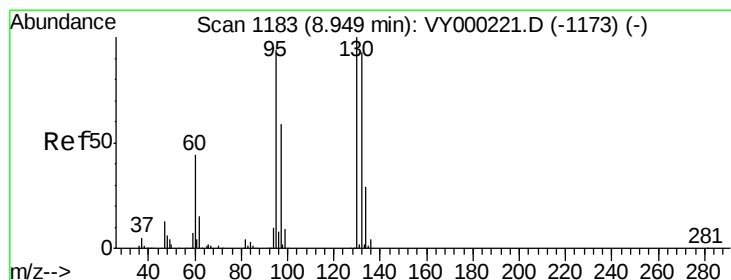
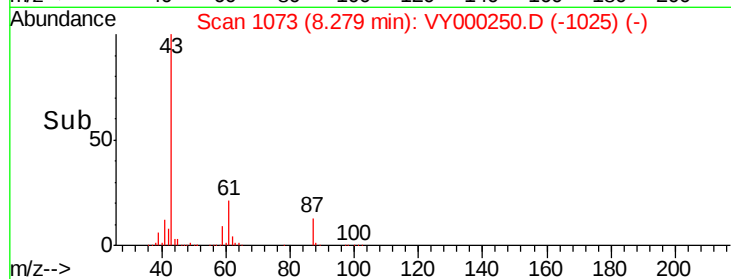
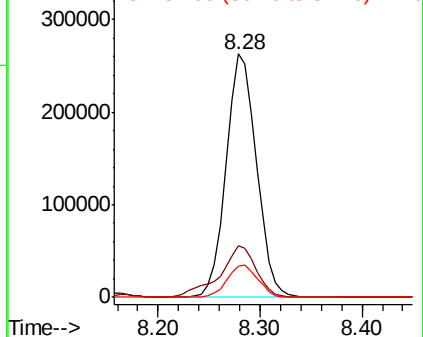
Isopropyl Acetate
 Concen: 50.698 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	539494
Ion Ratio	Lower	Upper	
43	100		
61	25.4	20.1	30.1
87	13.4	10.6	15.8



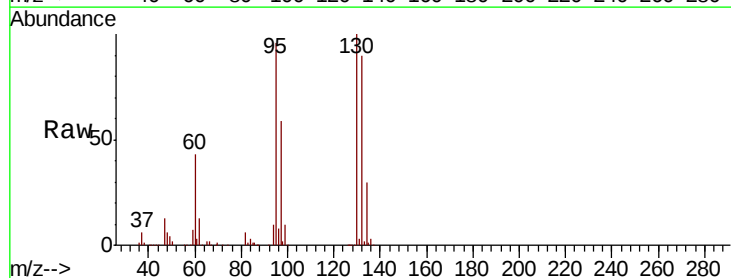
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



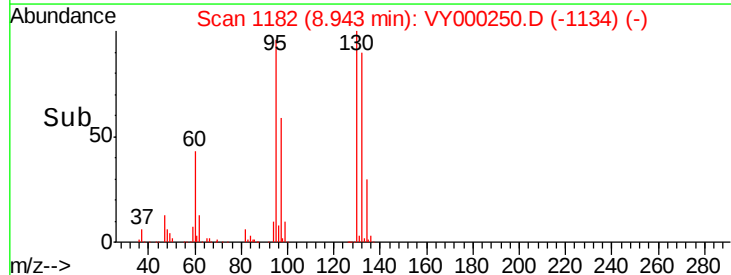
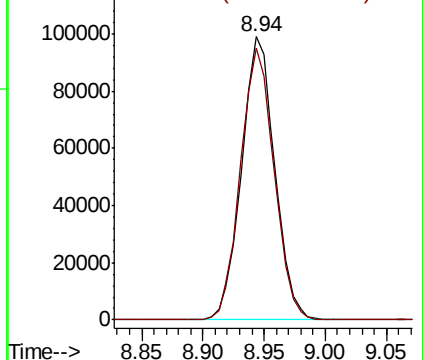
#44

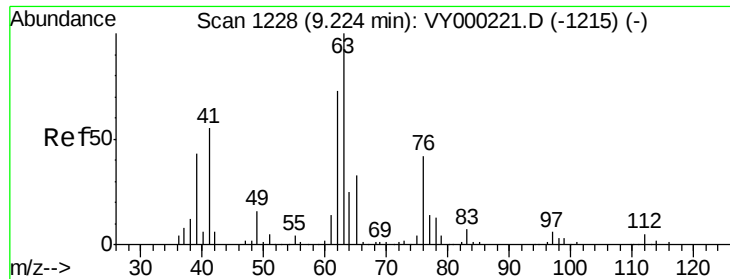
Trichloroethene
 Concen: 49.630 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion	130	Resp	186705
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	189.0



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

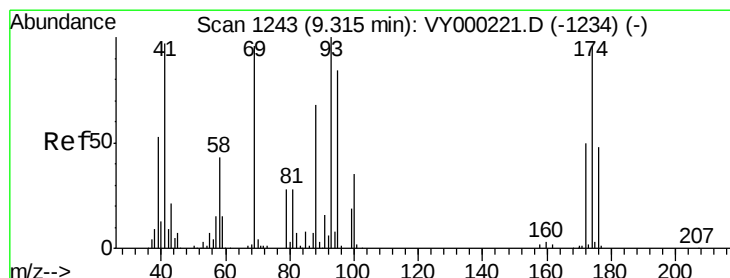
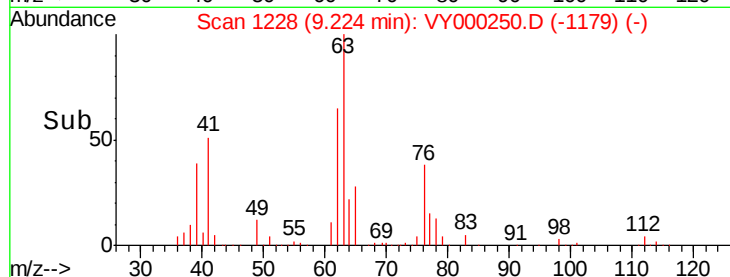
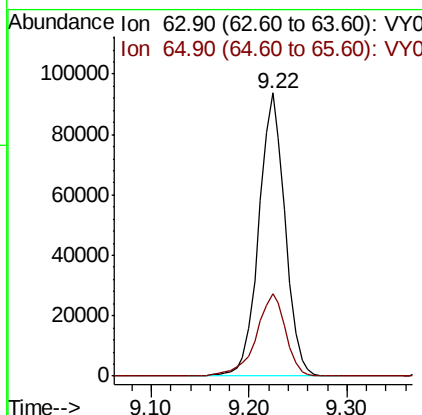
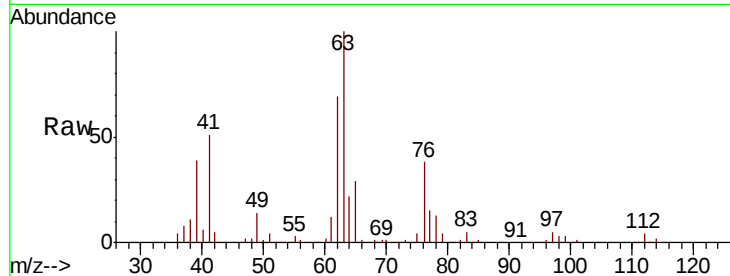




#45
 1,2-Dichloropropane
 Concen: 50.510 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

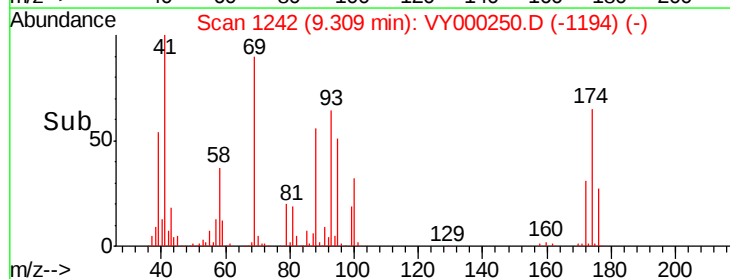
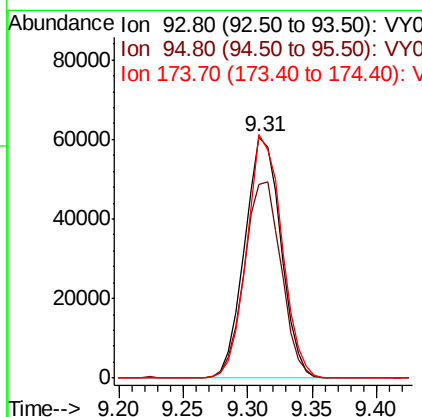
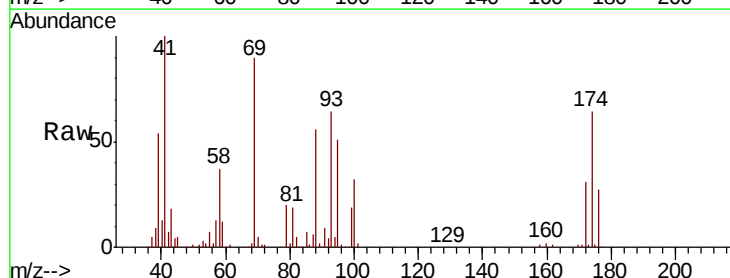
Instrument :
 MSVOA_Y
 ClientSampled :

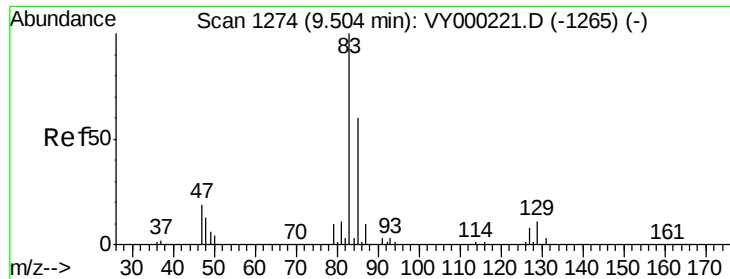
Tot Ion: 63 Resp: 17511
 Ion Ratio Lower Upper
 63 100
 65 29.3 26.6 39.8



#46
 Dibromomethane
 Concen: 48.277 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion: 93 Resp: 117603
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.6
 174 98.0 77.5 116.3

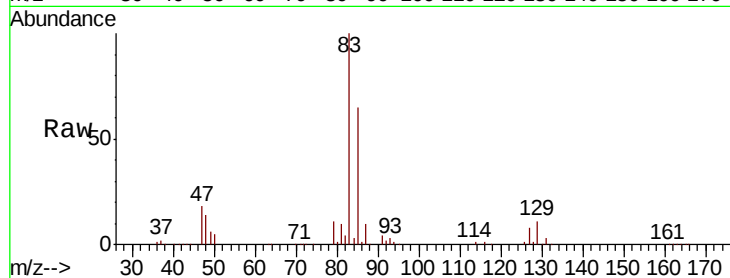




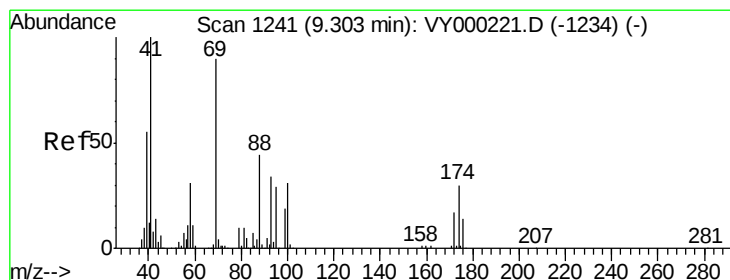
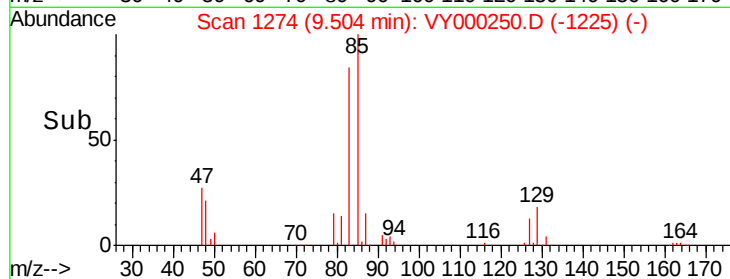
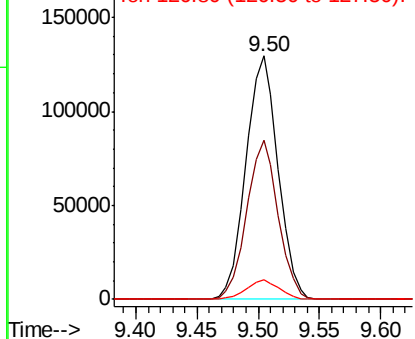
#47
Bromodichloromethane
Concen: 49.536 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	236037
Ion Ratio	Lower	Upper	
83	100		
85	65.2	48.0	72.0
127	8.2	6.5	9.7

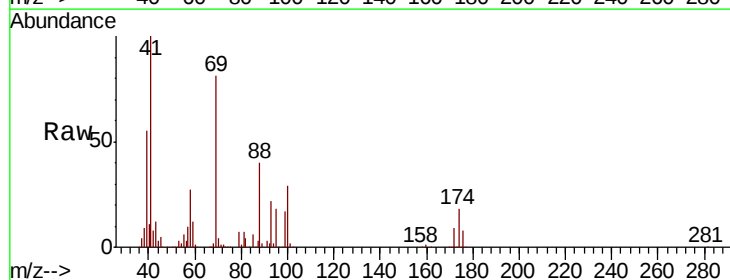


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

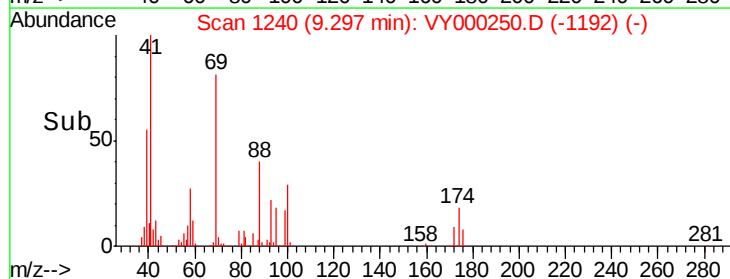
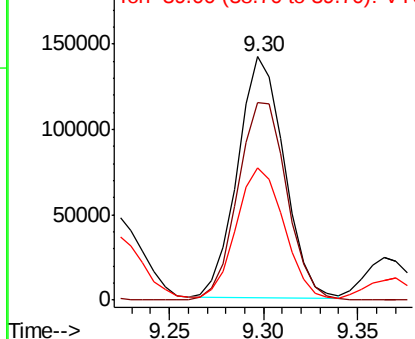


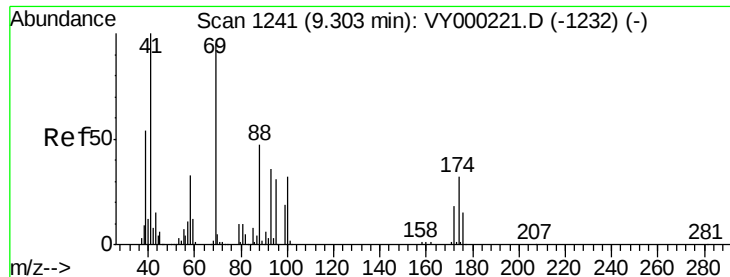
#48
Methyl methacrylate
Concen: 50.581 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion	41	Resp	242948
Ion Ratio	Lower	Upper	
41	100		
69	86.4	70.3	105.5
39	56.7	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

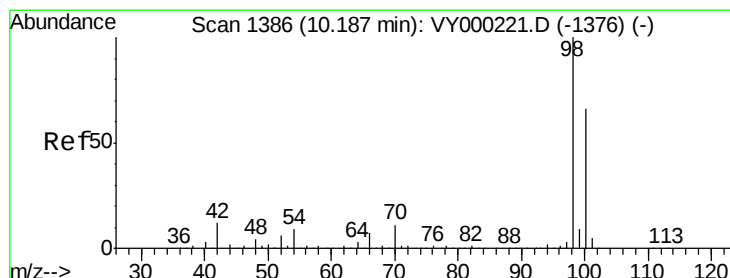
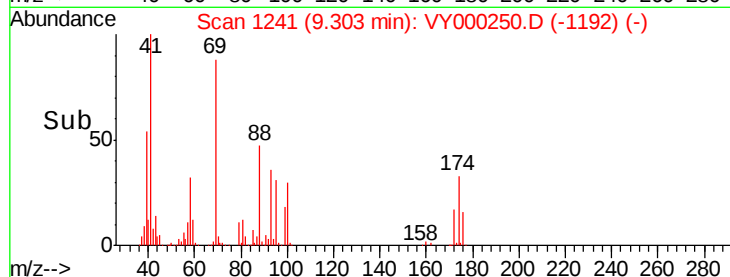
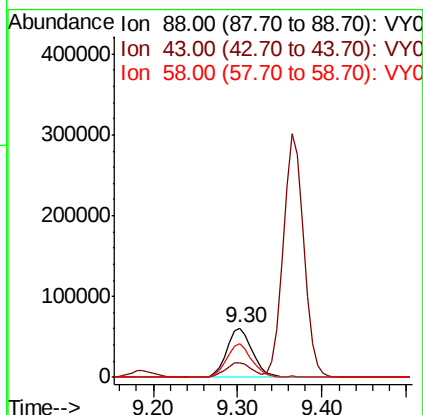
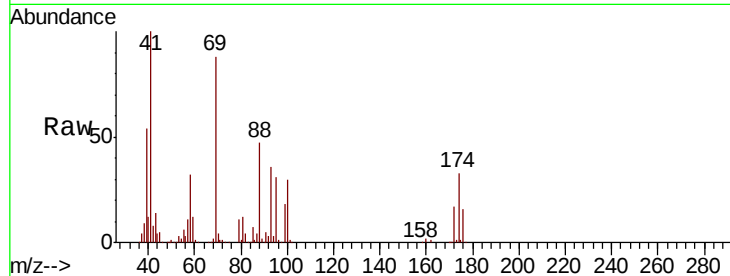




#49
1,4-Dioxane
Concen: 1019.104 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

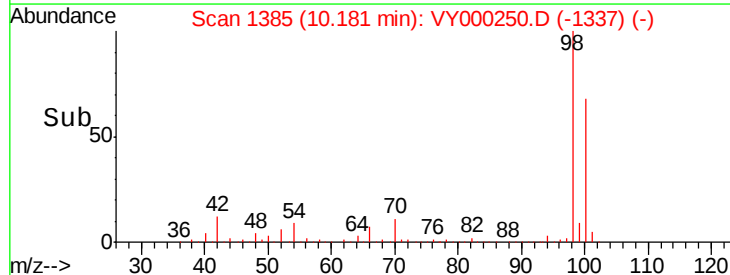
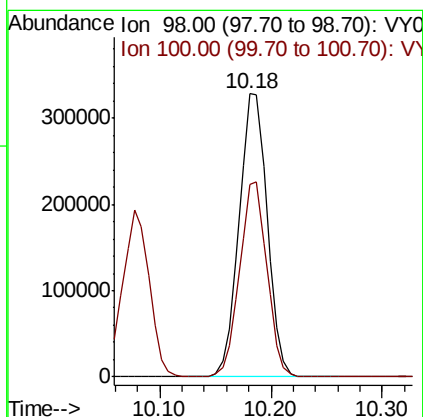
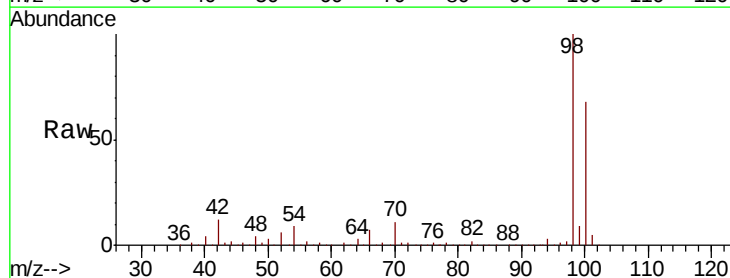
Instrument :
MSVOA_Y
ClientSampleId :

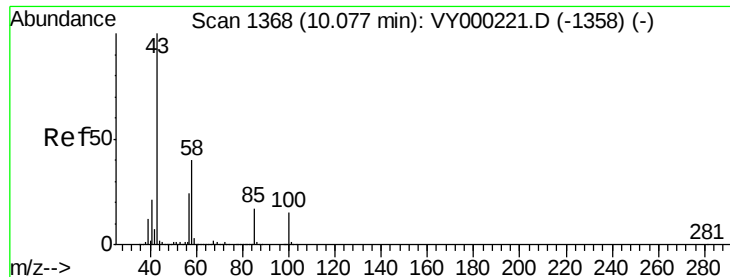
Tot Ion: 88 Resp: 125655
Ion Ratio Lower Upper
88 100
43 30.2 24.5 36.7
58 67.7 54.2 81.2



#50
Toluene-d8
Concen: 52.336 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 98 Resp: 575723
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 264.210 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

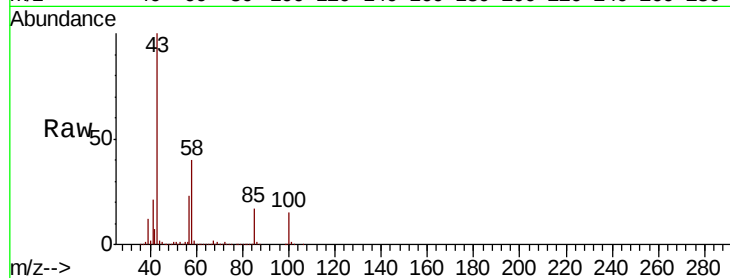
ClientSampled :

Tot Ion: 43 Resp: 2113000

Ion Ratio Lower Upper

43 100

58 39.5 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VY000221.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY000221.D (-1358) (-)

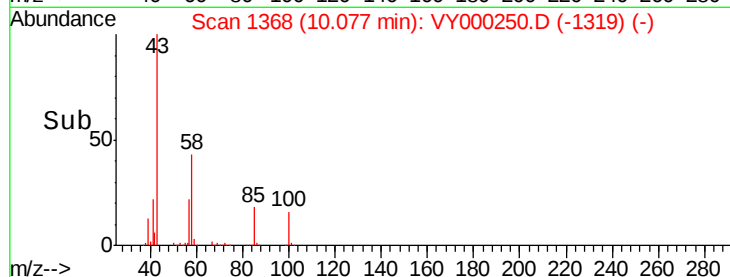
1500000

1000000

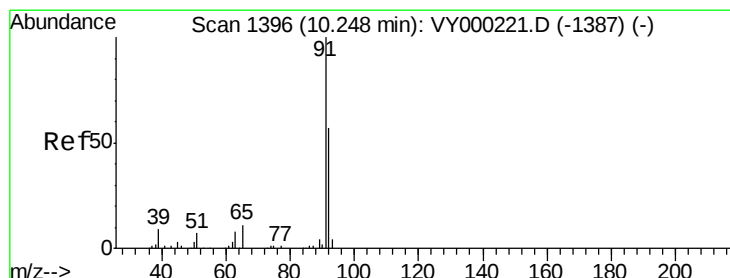
500000

0

Time-->



Time-->



#52

Toluene

Concen: 49.846 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000250.D

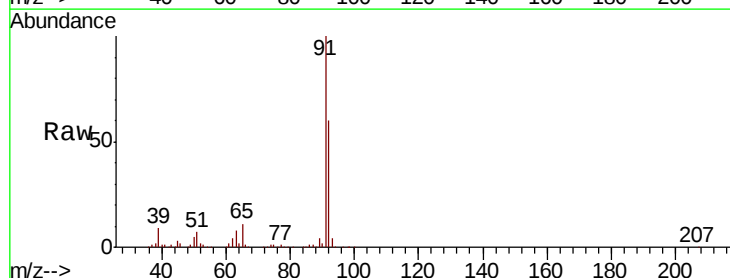
Acq: 10 Oct 2019 13:50

Tgt Ion: 92 Resp: 443515

Ion Ratio Lower Upper

92 100

91 171.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VY000221.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000221.D (-1387) (-)

500000

400000

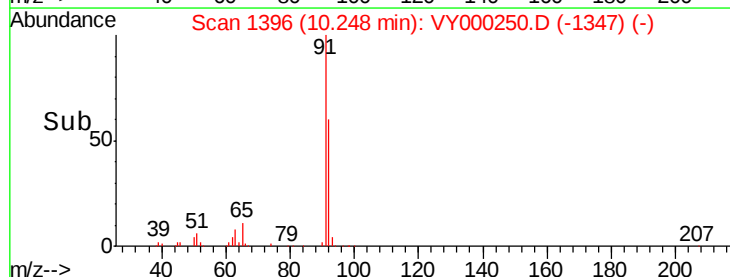
300000

200000

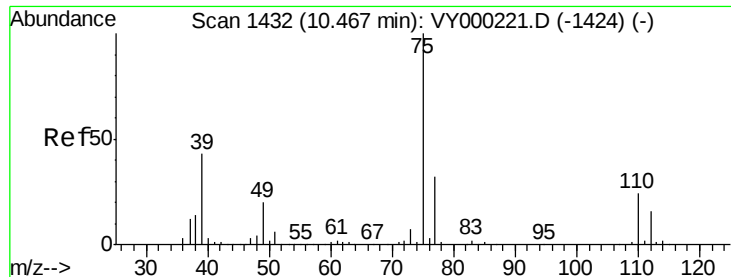
100000

0

Time-->



Time-->



#53

t-1,3-Dichloropropene

Concen: 52.188 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

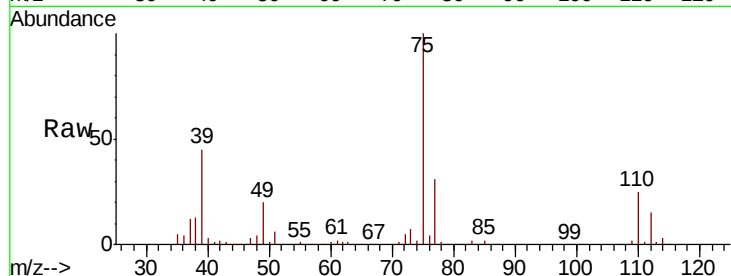
ClientSampled :

Tot Ion: 75 Resp: 282127

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

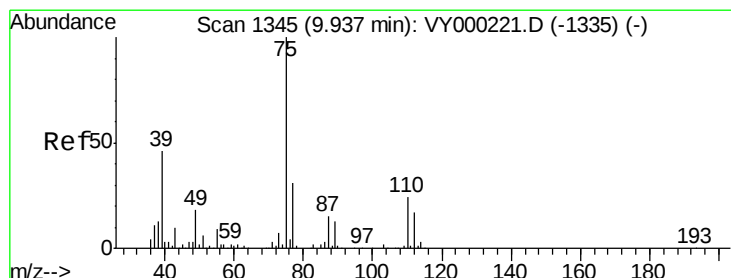
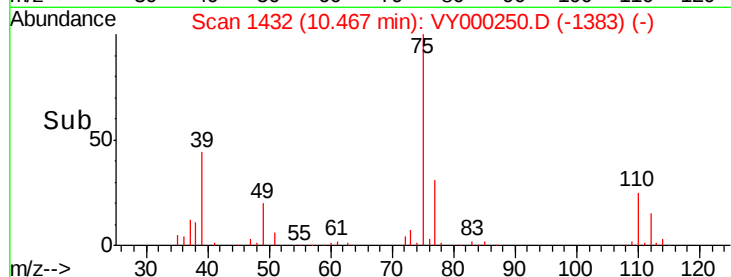
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.813 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

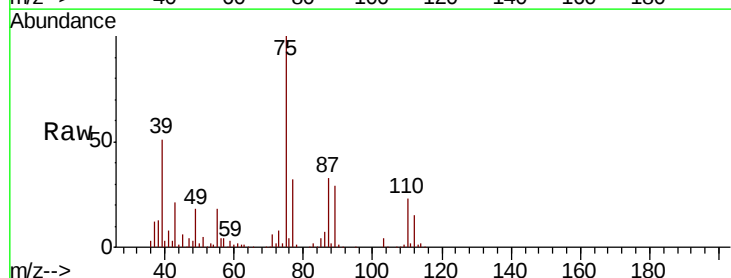
Tgt Ion: 75 Resp: 297231

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

39 50.5 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

9.93

200000

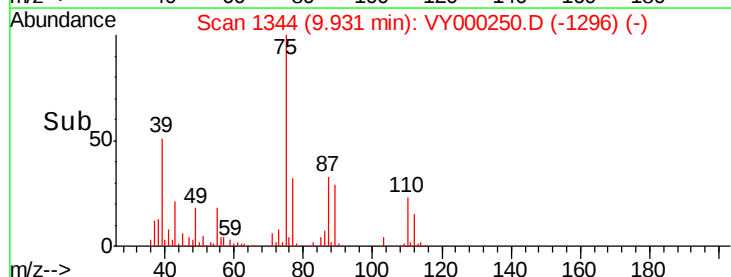
150000

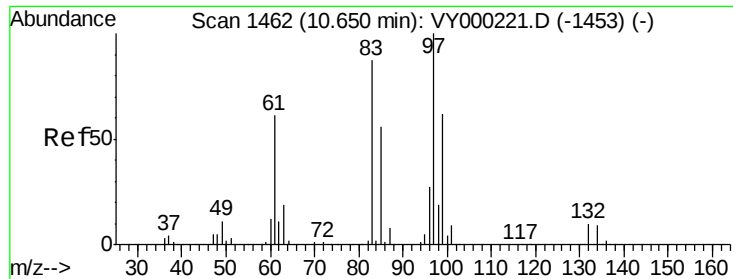
100000

50000

0

Time-->



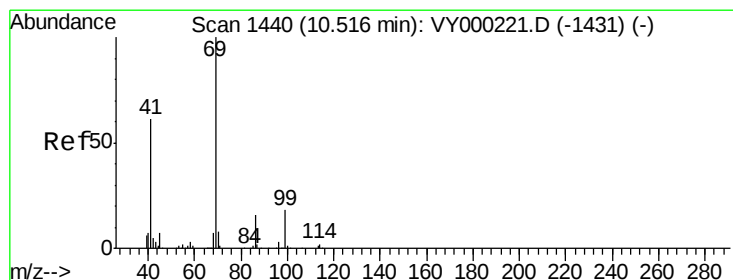
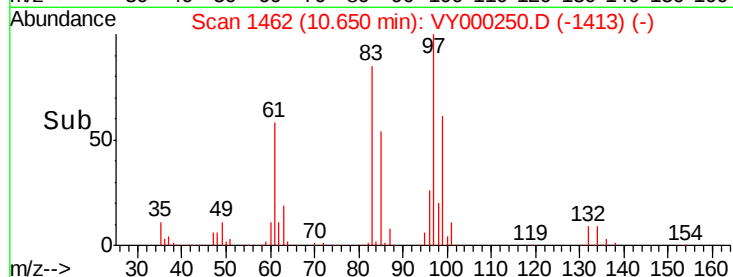
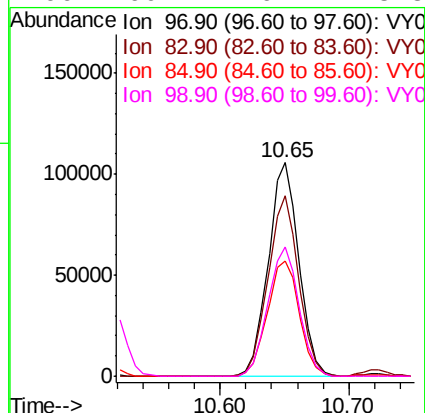
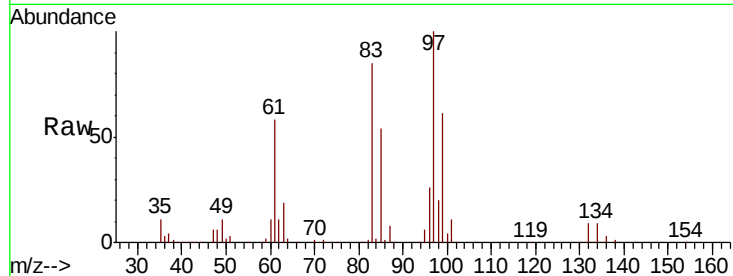


#55
 1,1,2-Trichloroethane
 Concen: 49.838 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 174853

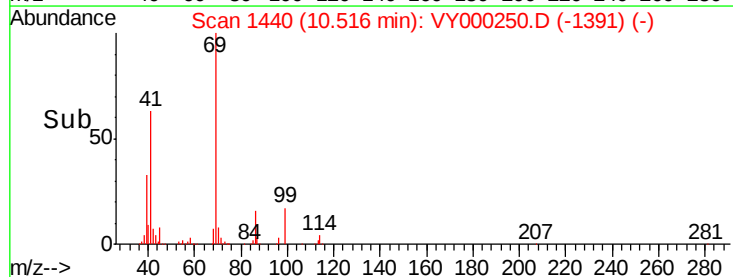
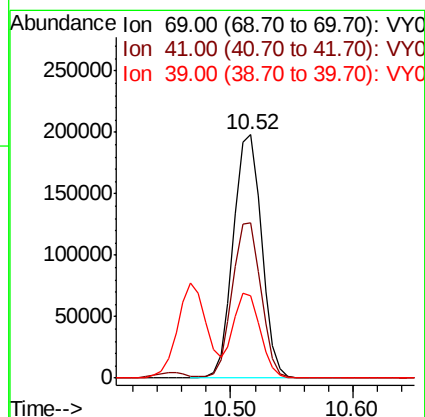
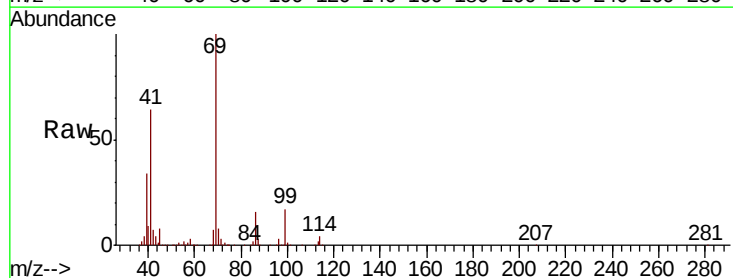
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.4	104.0
85	54.0	44.6	66.8
99	60.7	49.2	73.8

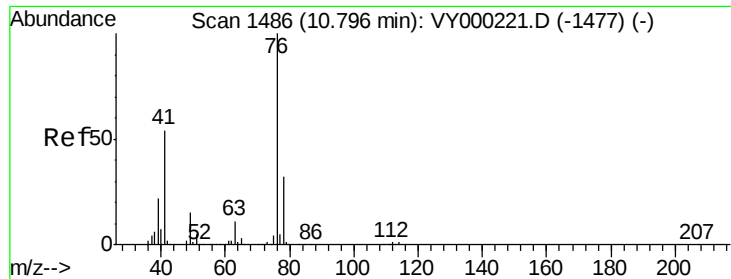


#56
 Ethyl methacrylate
 Concen: 51.301 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion: 69 Resp: 316878

Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.2	76.8
39	33.3	27.0	40.4

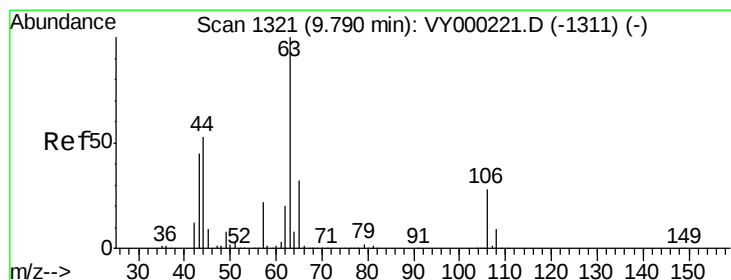
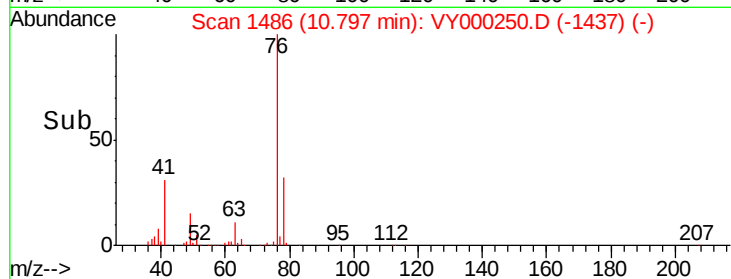
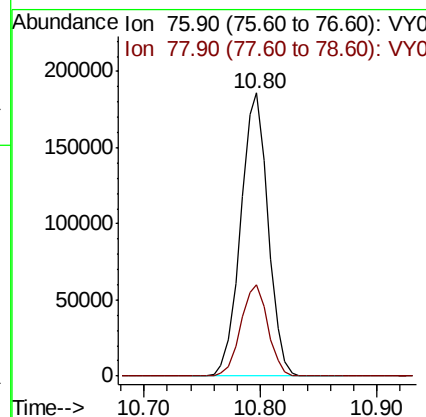
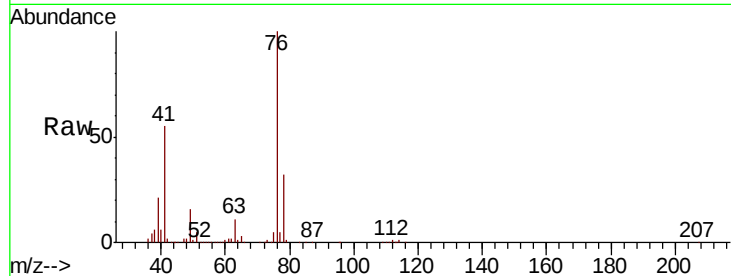




#57
 1,3-Dichloropropane
 Concen: 50.774 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

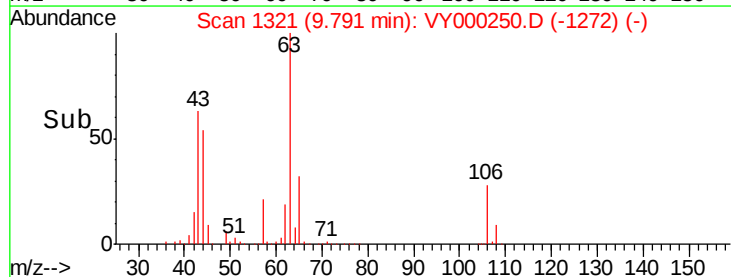
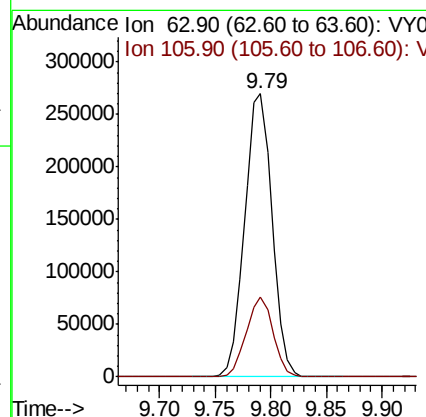
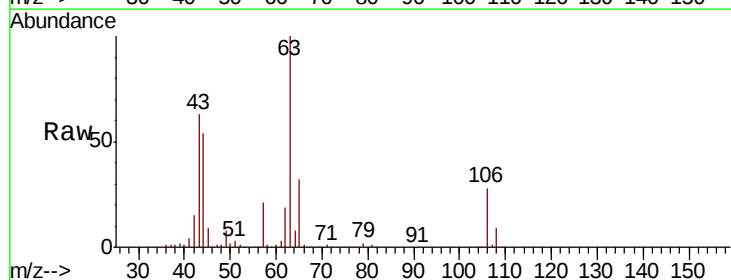
Instrument :
 MSVOA_Y
 ClientSampleId :

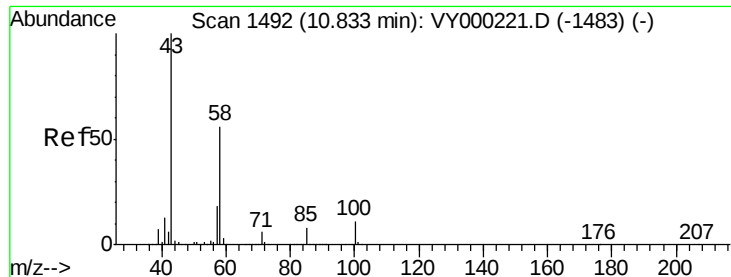
Tot Ion: 76 Resp: 304160
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 167.105 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion: 63 Resp: 460075
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.6 33.8

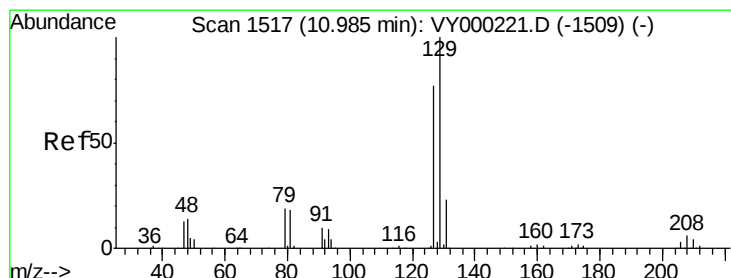
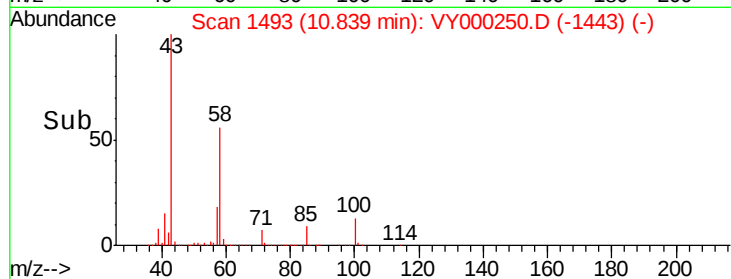
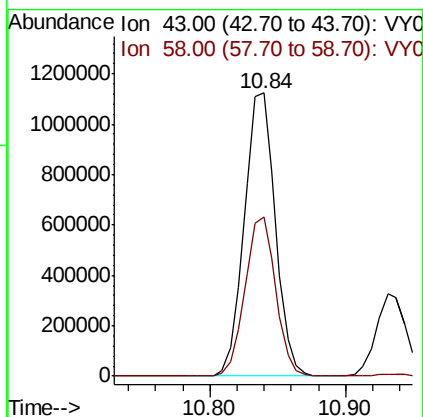
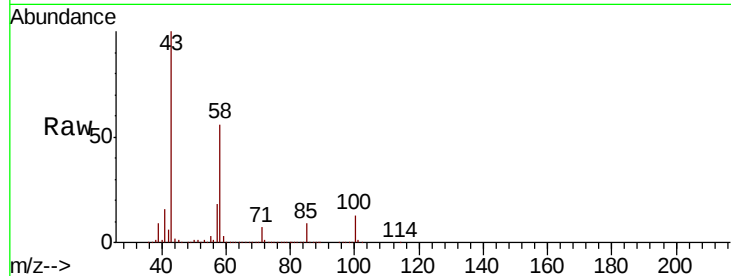




#59
2-Hexanone
Concen: 253.384 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

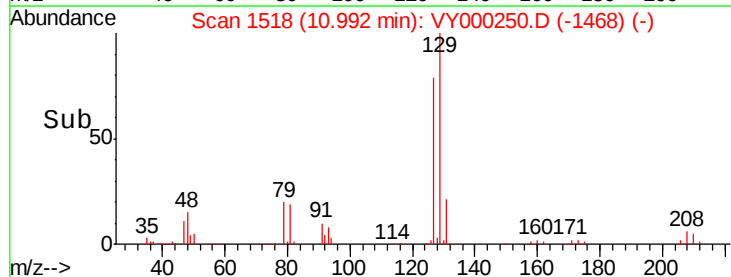
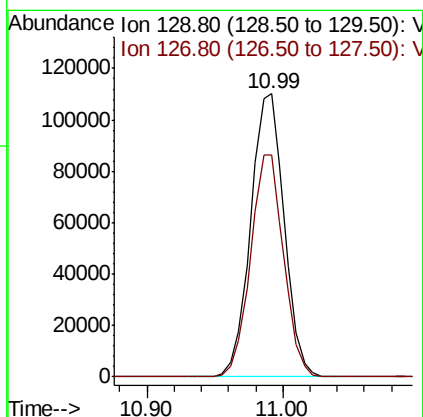
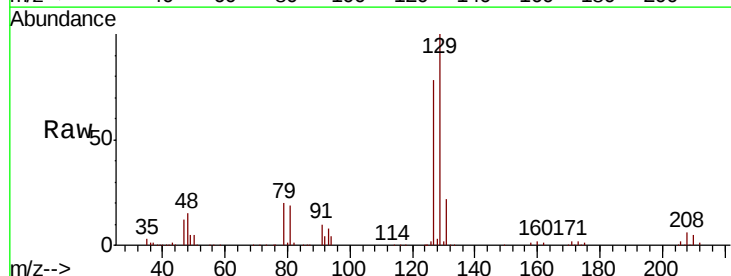
Instrument :
MSVOA_Y
ClientSampleId :

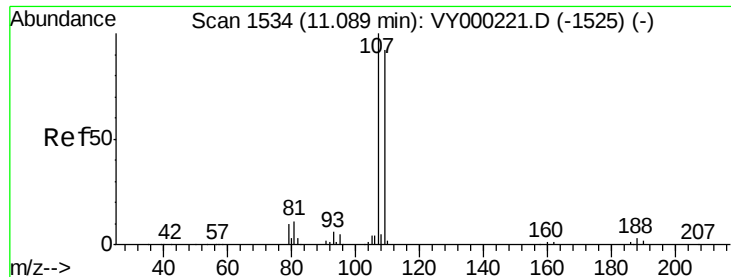
Tot Ion: 43 Resp: 1795498
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6



#60
Dibromochloromethane
Concen: 51.295 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 129 Resp: 190279
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

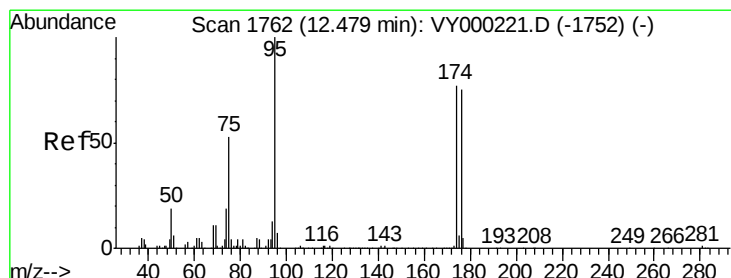
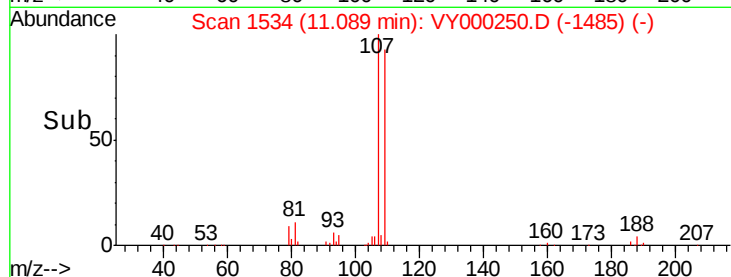
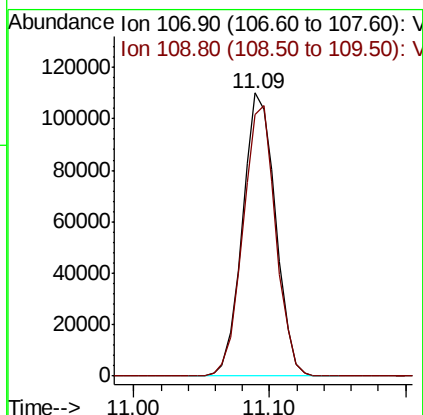
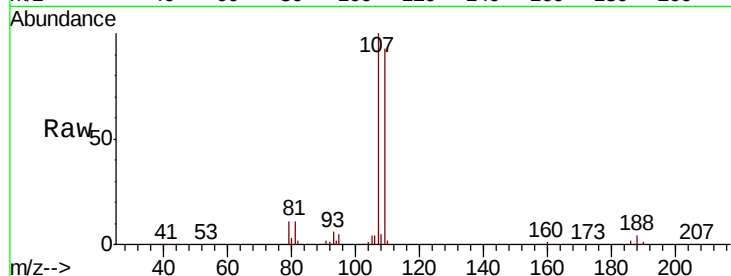




#61
 1,2-Dibromoethane
 Concen: 50.031 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

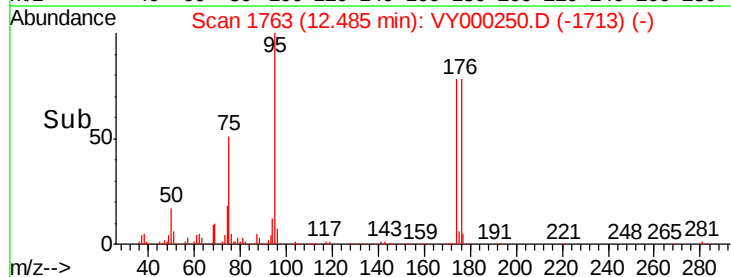
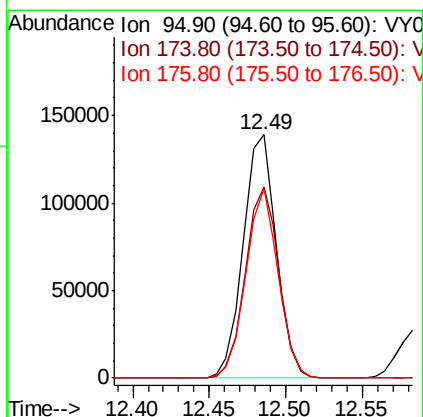
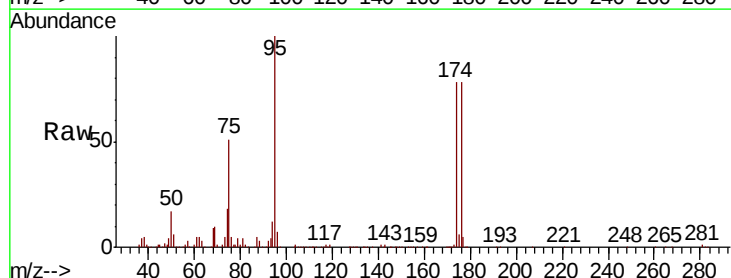
Instrument :
 MSVOA_Y
 ClientSampleId :

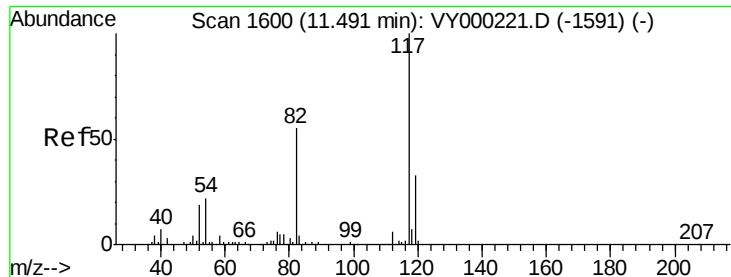
Tot Ion:107 Resp: 186449
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.762 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion: 95 Resp: 208731
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 157.0
 176 76.1 0.0 153.0

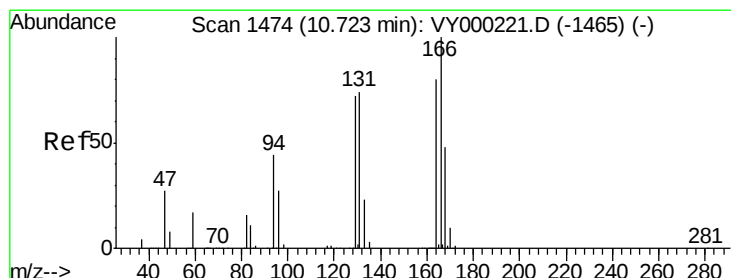
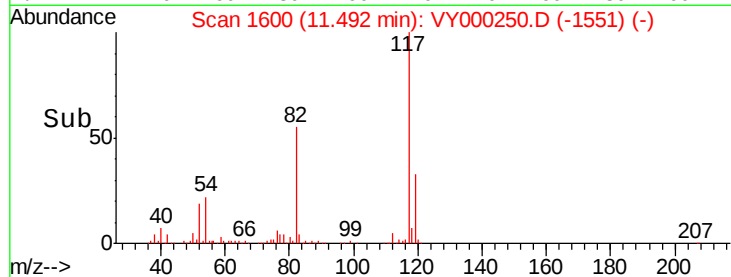
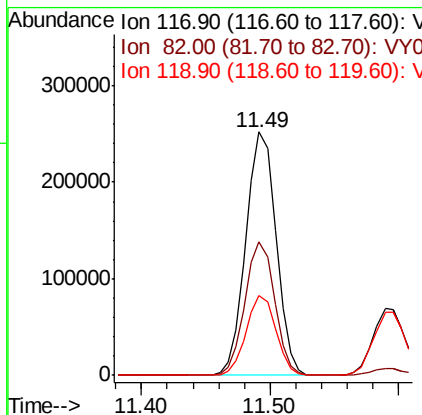
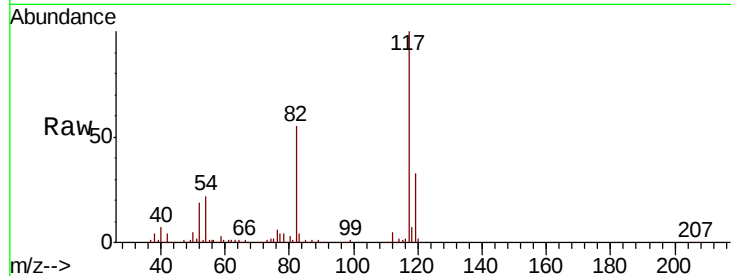




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

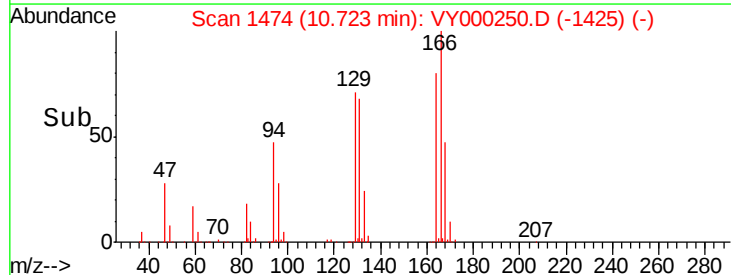
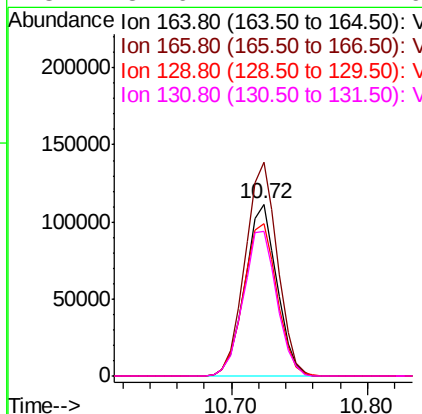
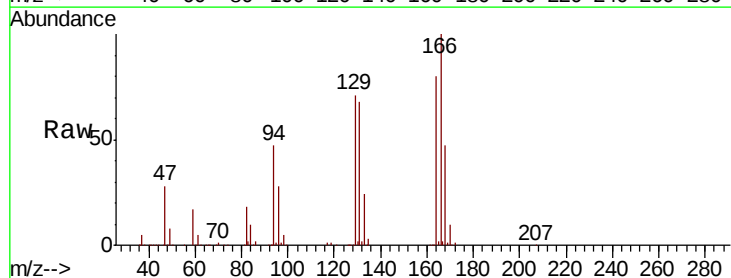
Instrument :
MSVOA_Y
ClientSampleId :

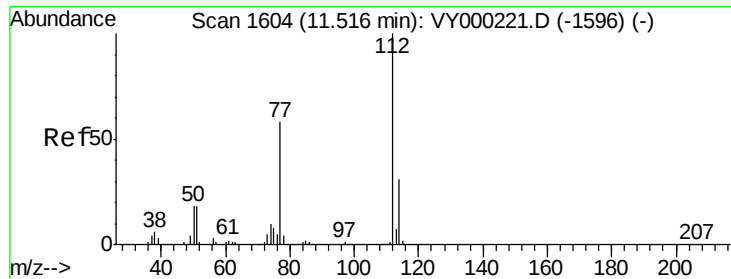
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.4	66.6
119	32.7	26.2	39.2



#64
Tetrachloroethene
Concen: 49.109 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	100.3	150.5
129	88.7	72.4	108.6
131	84.6	74.4	111.6

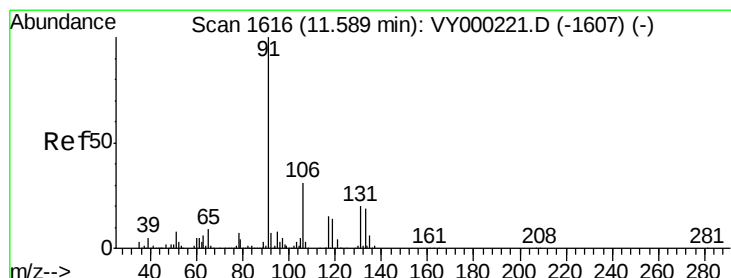
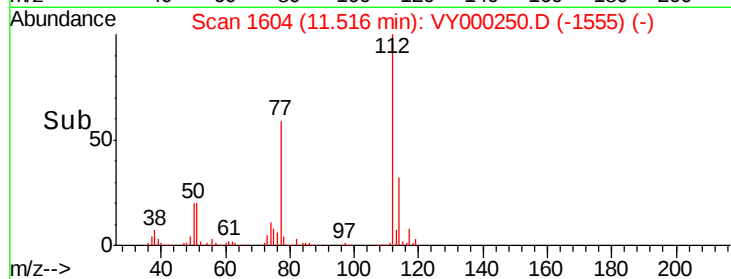
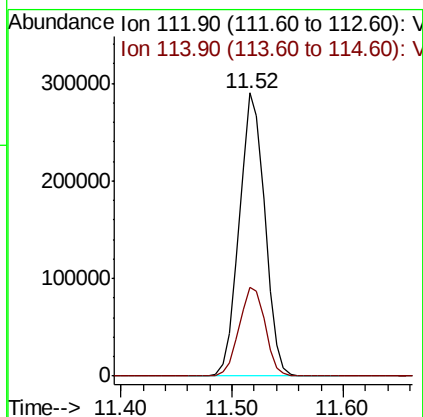
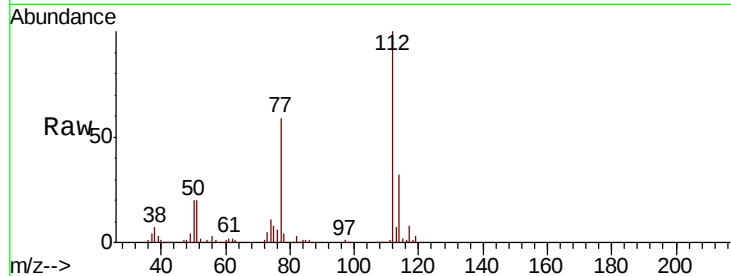




#65
Chlorobenzene
Concen: 48.547 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

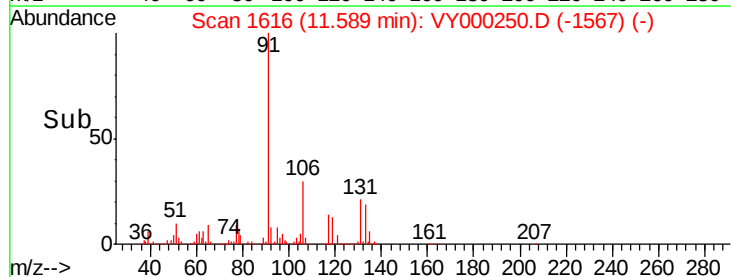
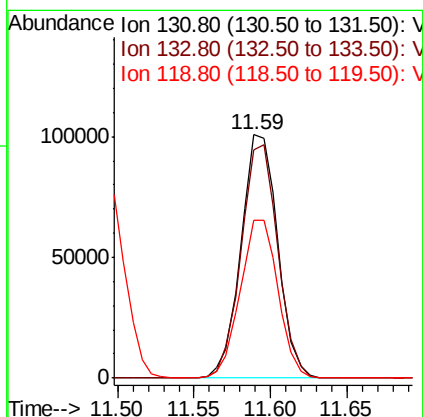
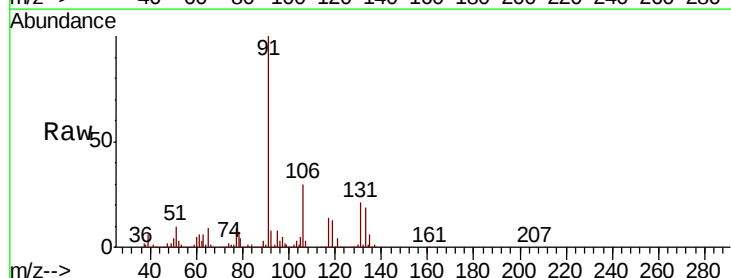
Instrument :
MSVOA_Y
ClientSampleId :

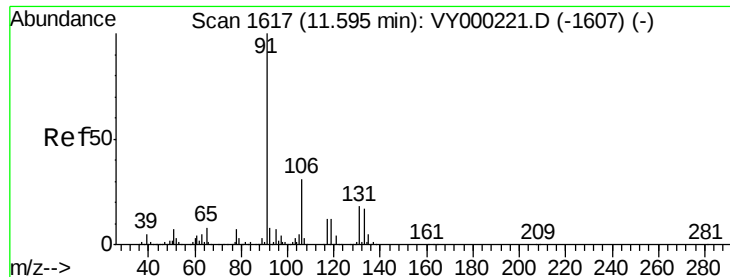
Tot Ion:112 Resp: 459924
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.776 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion:131 Resp: 168584
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.2
119 66.4 33.3 99.8

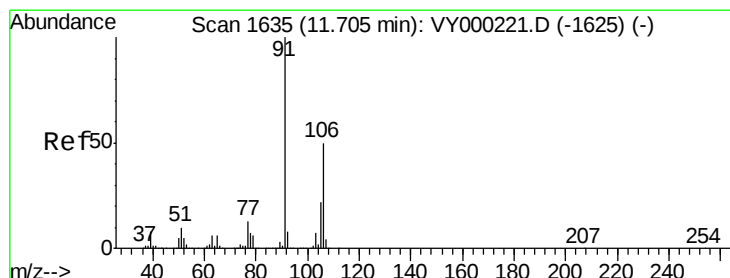
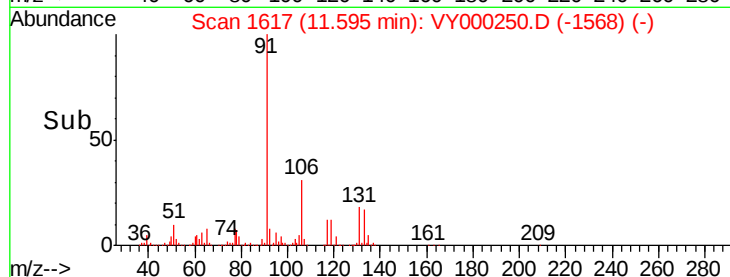
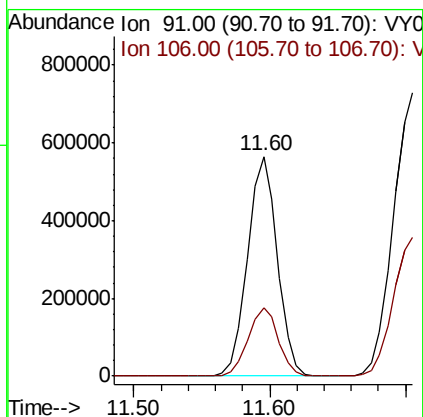
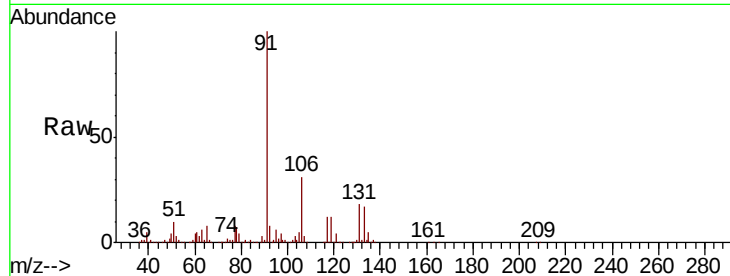




#67
Ethyl Benzene
Concen: 51.067 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

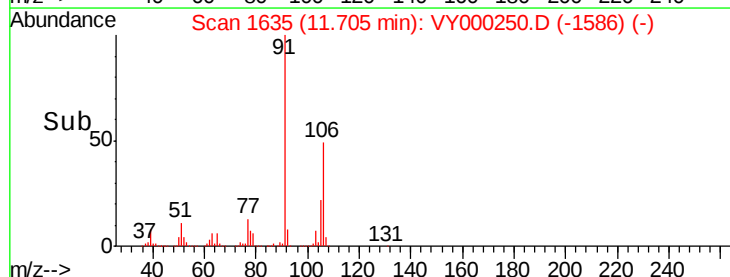
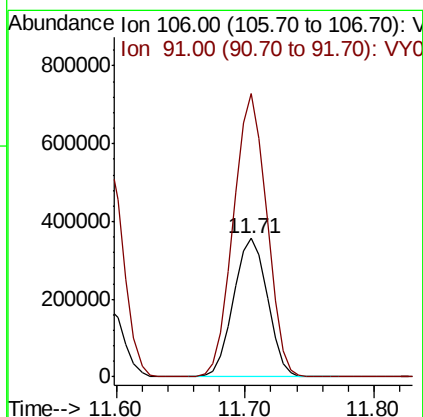
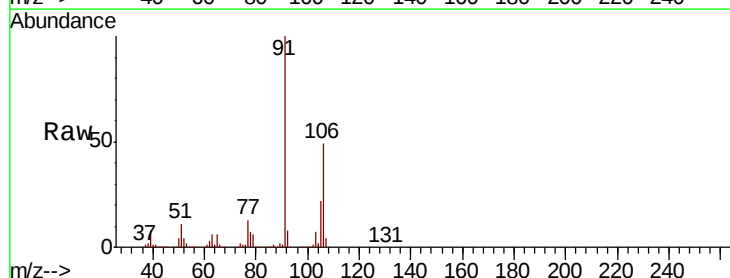
Instrument :
MSVOA_Y
ClientSampled :

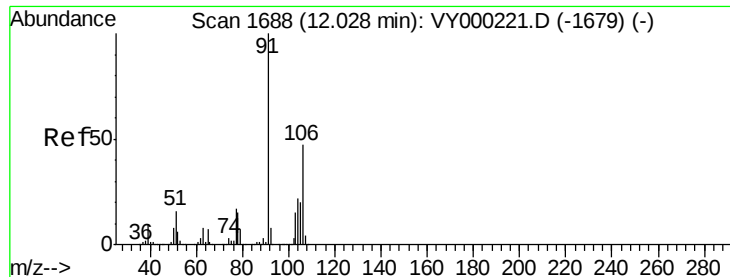
Tot Ion: 91 Resp: 864836
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 101.013 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion: 106 Resp: 652748
Ion Ratio Lower Upper
106 100
91 200.7 159.9 239.9

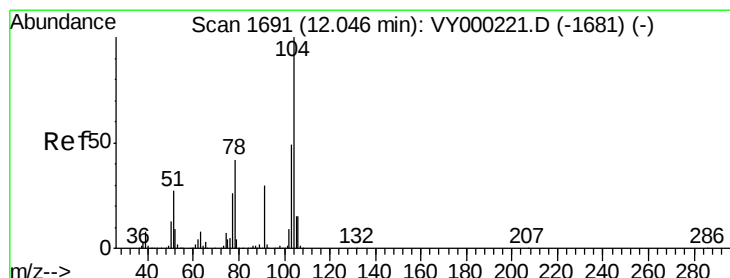
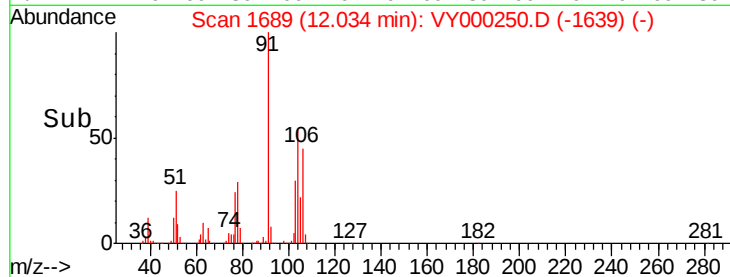
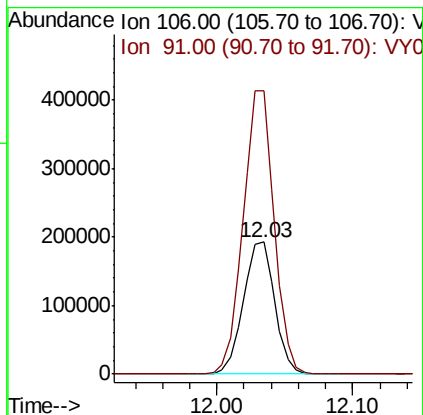
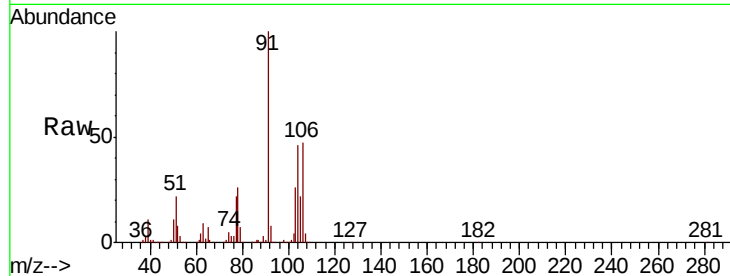




#69
o-Xylene
Concen: 49.910 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

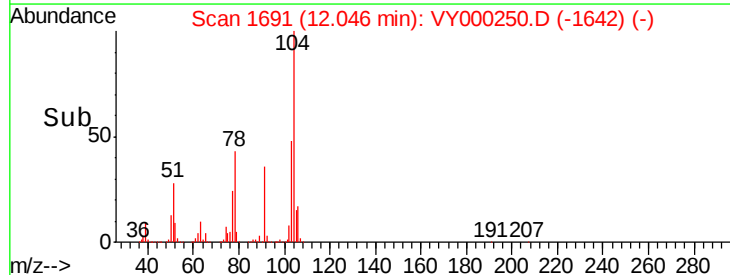
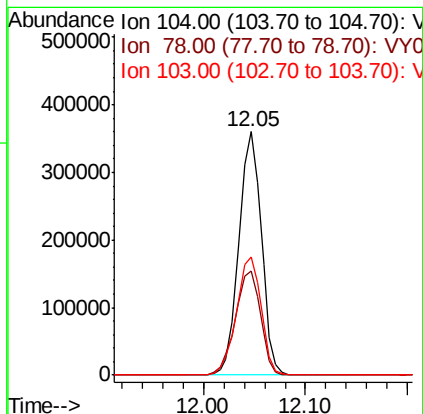
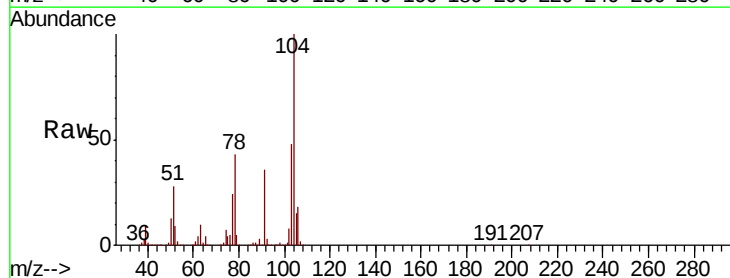
Instrument :
MSVOA_Y
ClientSampled :

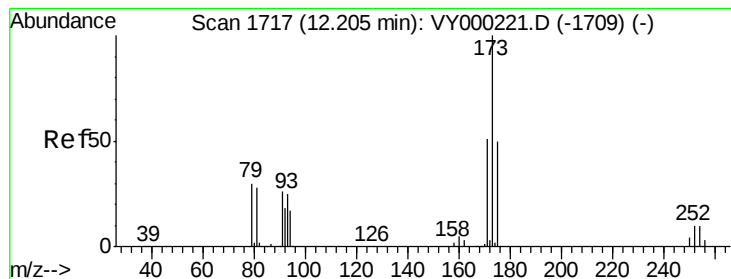
Tot Ion:106 Resp: 310707
Ion Ratio Lower Upper
106 100
91 212.1 106.1 318.1



#70
Styrene
Concen: 51.109 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion:104 Resp: 548055
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.4
103 53.3 43.1 64.7





#71

Bromoform

Concen: 51.645 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

ClientSampled :

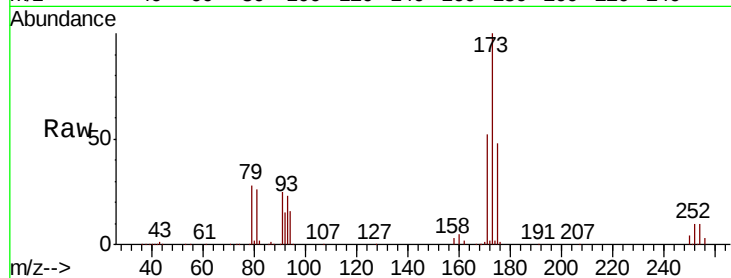
Tot Ion:173 Resp: 144336

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.3

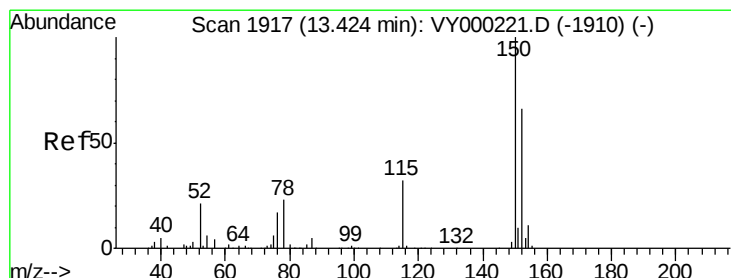
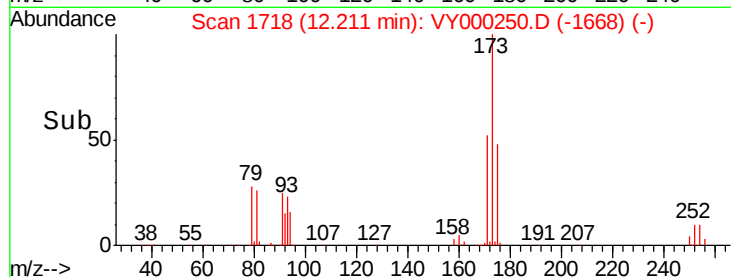
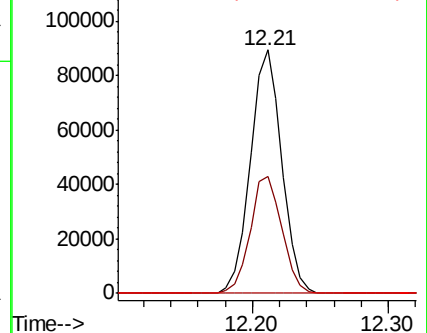
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

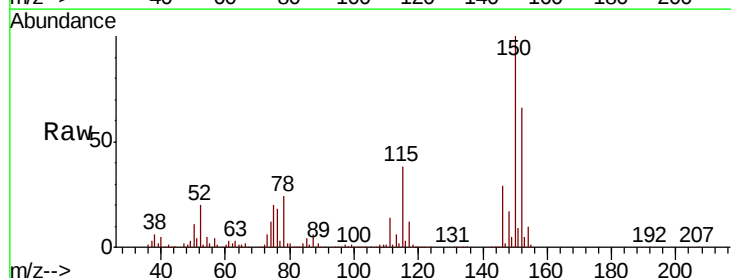
Tgt Ion:152 Resp: 202569

Ion Ratio Lower Upper

152 100

115 60.1 29.3 88.0

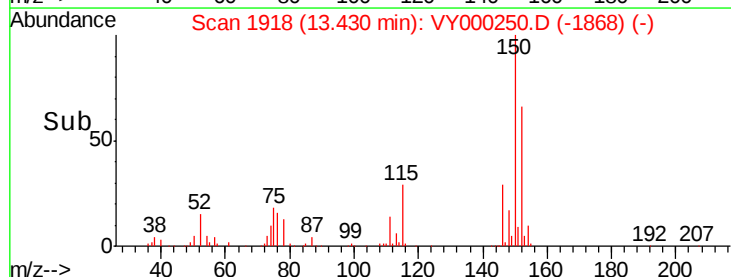
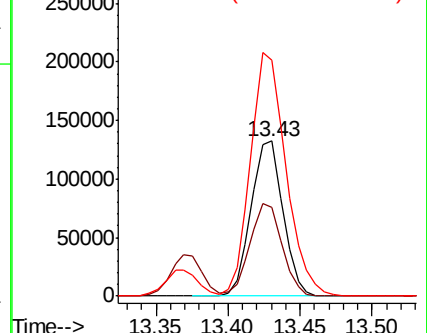
150 174.7 0.0 349.6

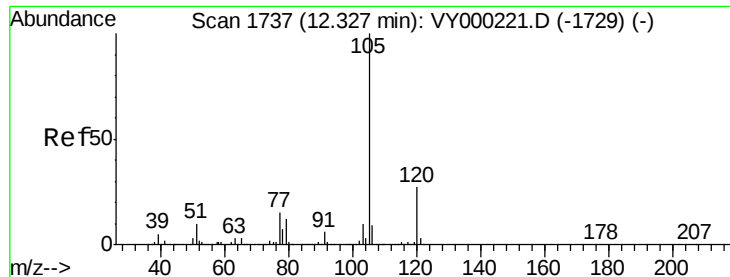


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.361 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

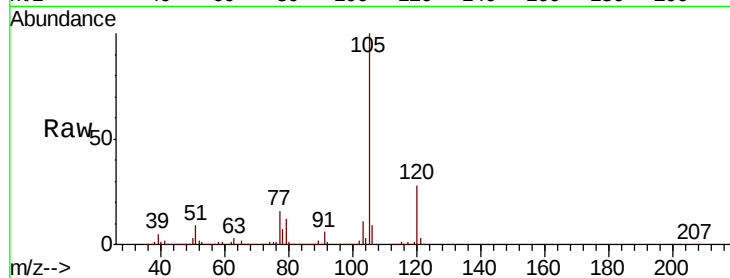
ClientSampleId :

Tot Ion:105 Resp: 830128

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

300000

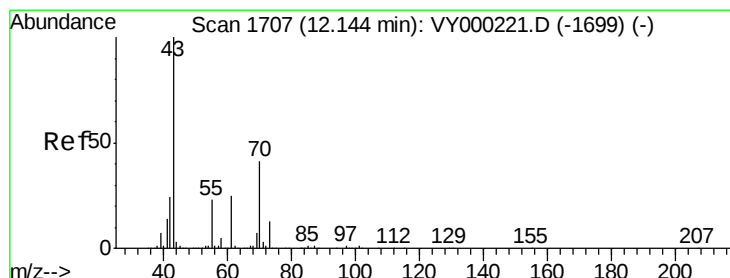
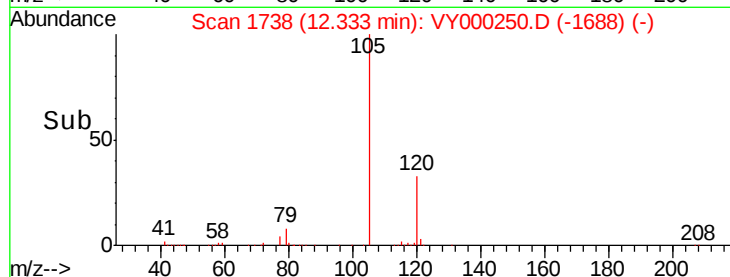
200000

100000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 48.225 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Tgt Ion: 43 Resp: 437068

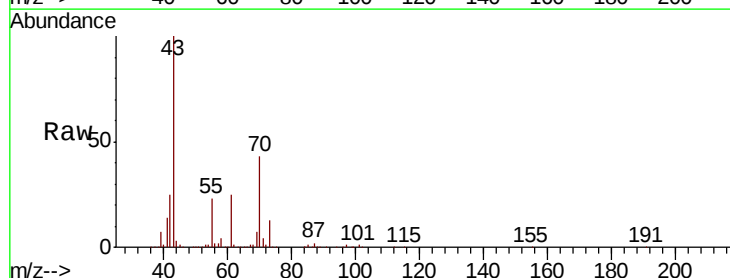
Ion Ratio Lower Upper

43 100

70 43.1 34.9 52.3

55 22.8 18.2 27.2

61 25.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

400000

300000

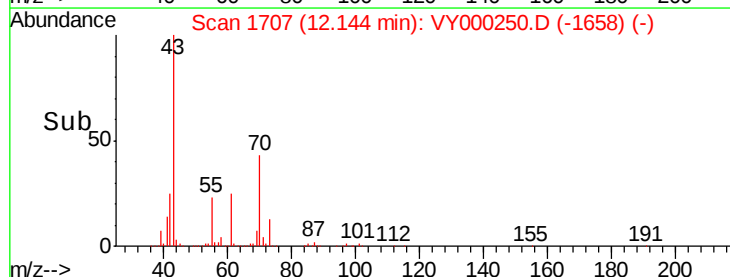
200000

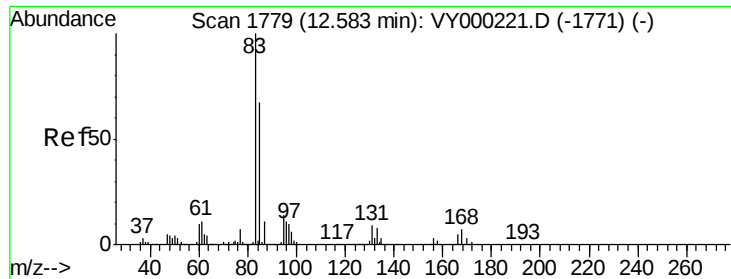
100000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 49.116 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

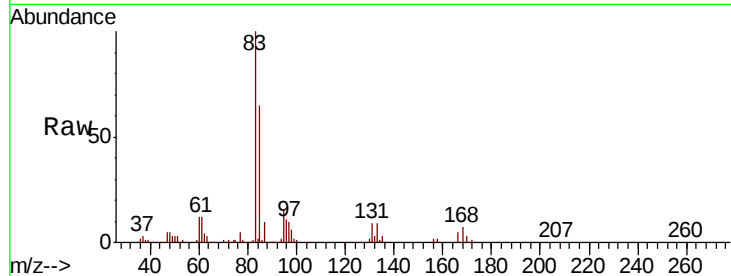
Tot Ion: 83 Resp: 287730

Ion Ratio Lower Upper

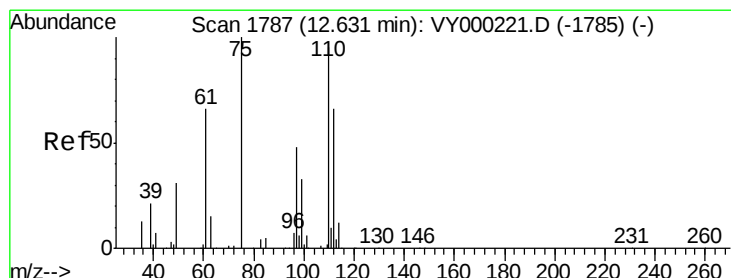
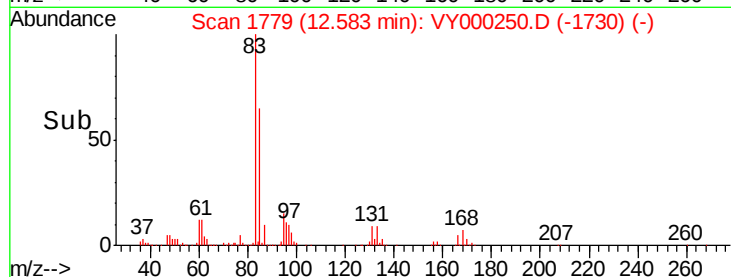
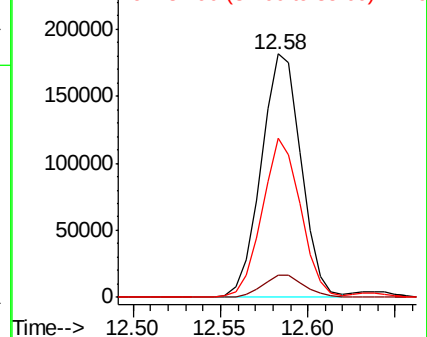
83 100

131 9.6 4.8 14.3

85 63.0 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: 82.542 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000250.D

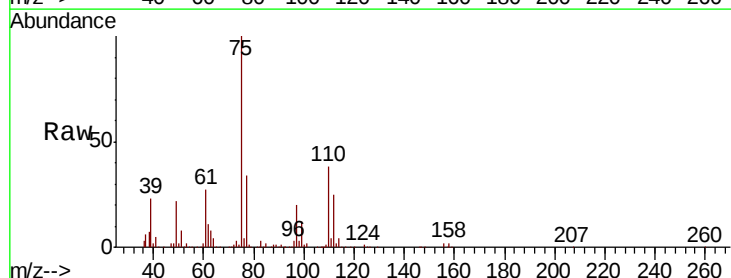
Acq: 10 Oct 2019 13:50

Tgt Ion: 75 Resp: 441452

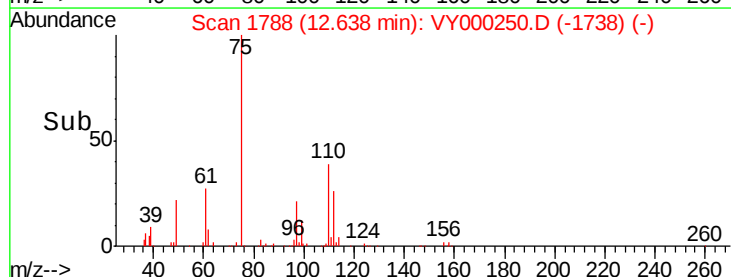
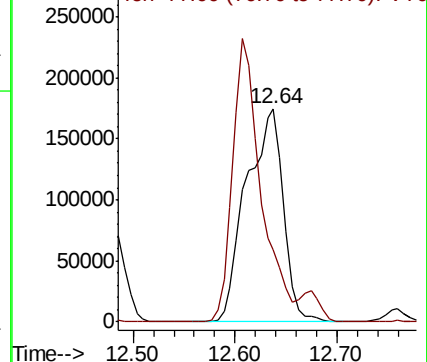
Ion Ratio Lower Upper

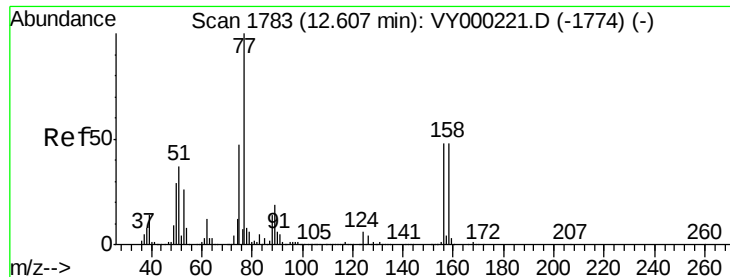
75 100

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: 47.055 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

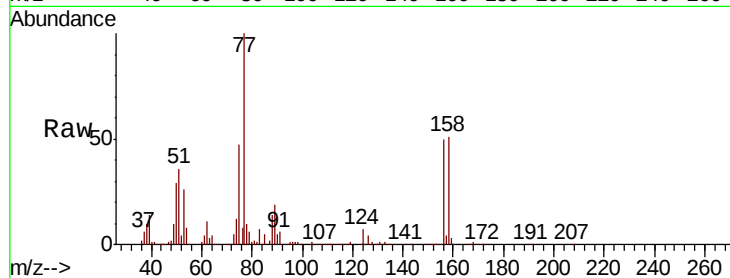
Tot Ion:156 Resp: 189407

Ion Ratio Lower Upper

156 100

77 234.9 118.1 354.3

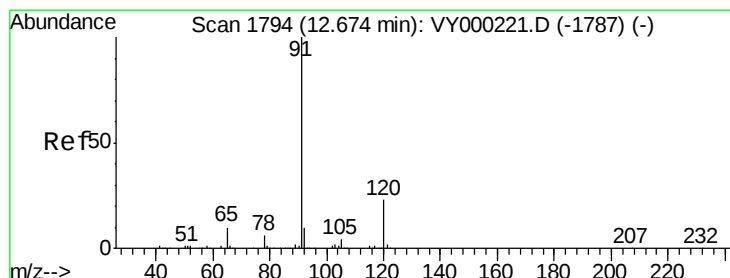
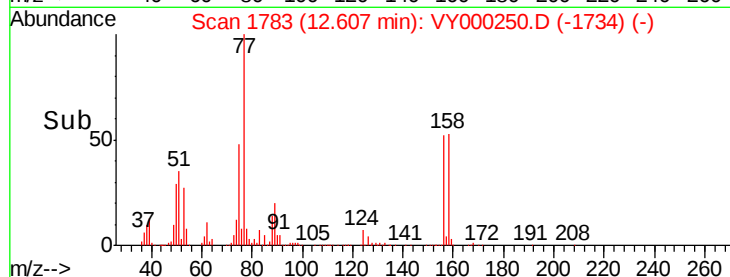
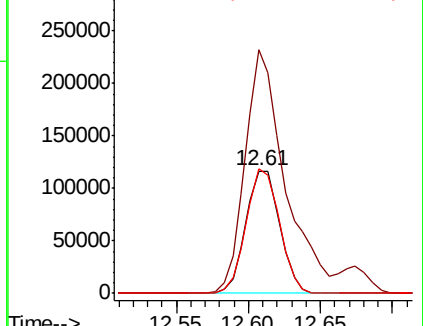
158 100.2 47.8 143.3



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: 50.600 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000250.D

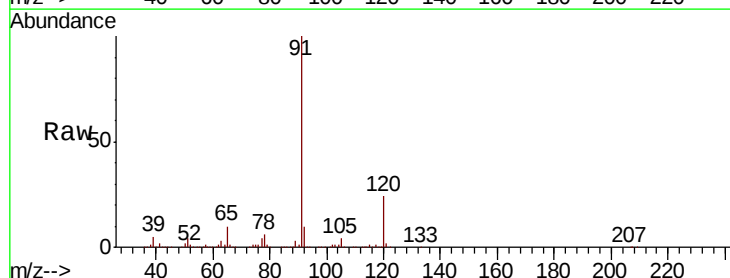
Acq: 10 Oct 2019 13:50

Tgt Ion: 91 Resp: 1014522

Ion Ratio Lower Upper

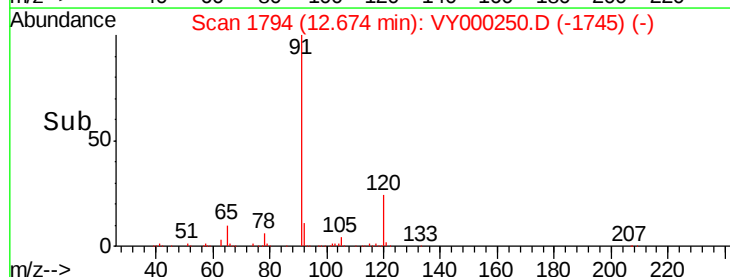
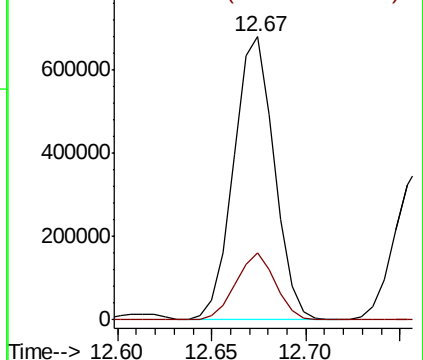
91 100

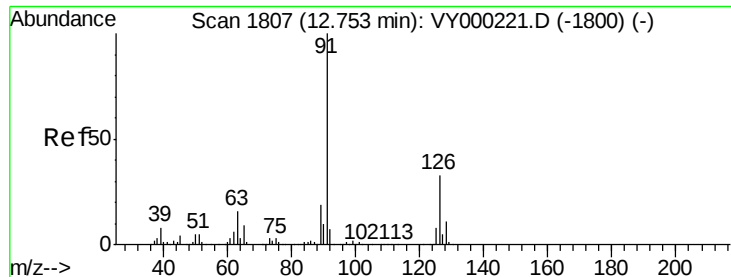
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.445 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

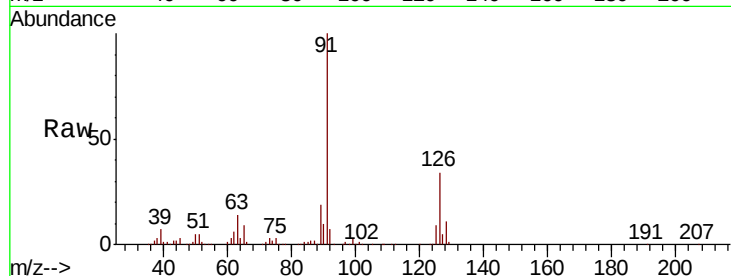
ClientSampled :

Tot Ion: 91 Resp: 559231

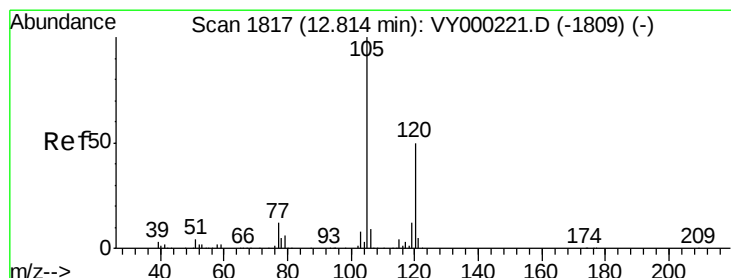
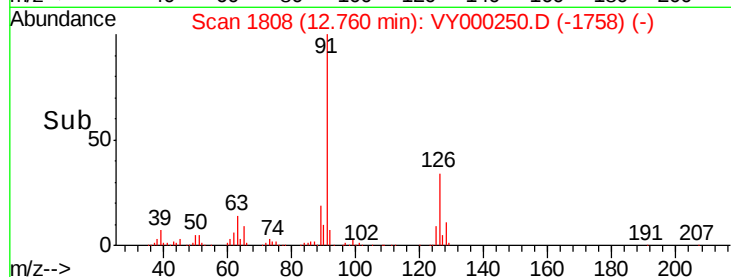
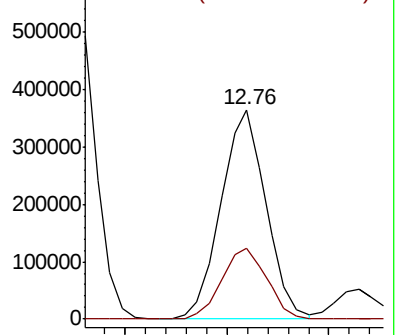
Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.951 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000250.D

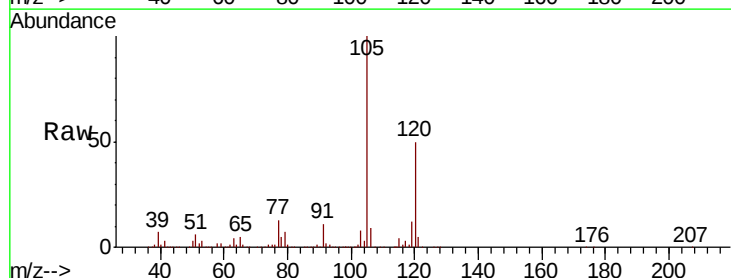
Acq: 10 Oct 2019 13:50

Tgt Ion: 105 Resp: 715440

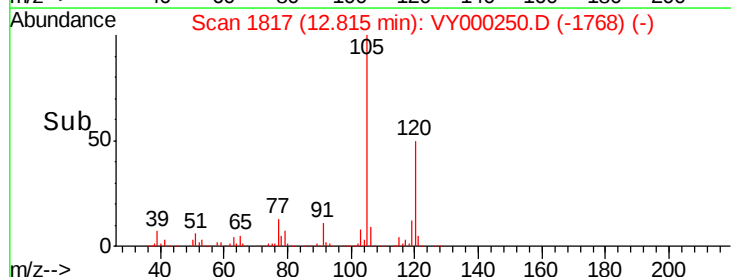
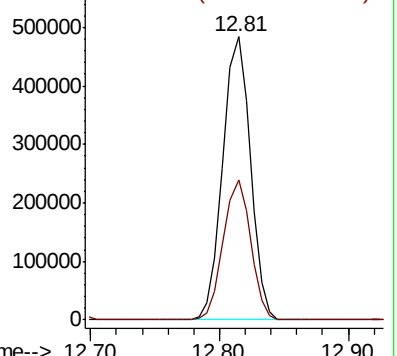
Ion Ratio Lower Upper

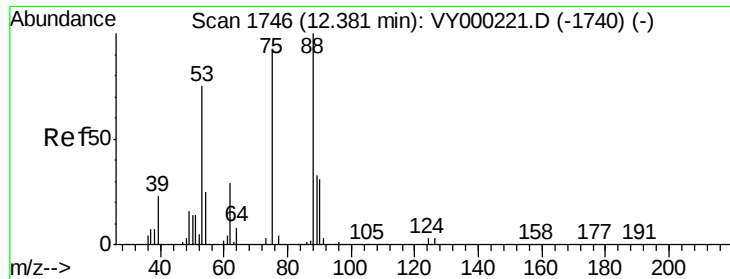
105 100

120 49.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.844 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

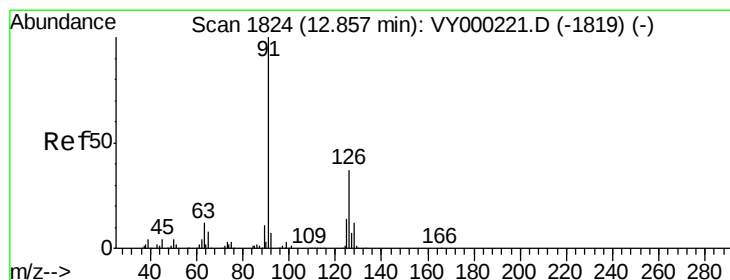
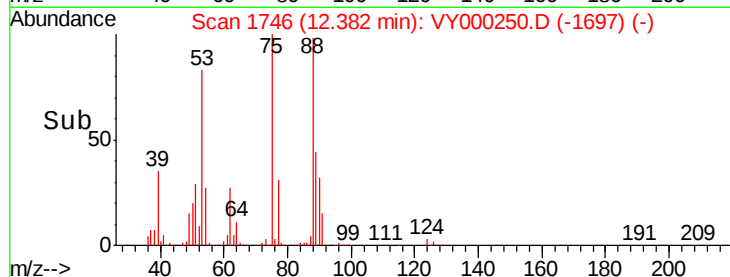
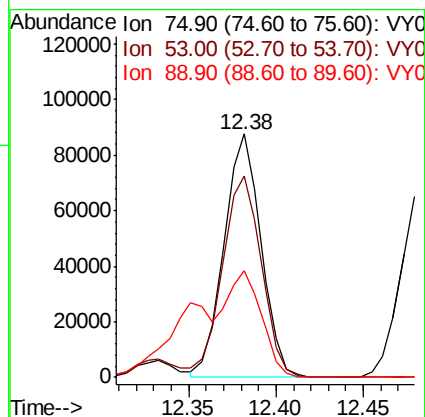
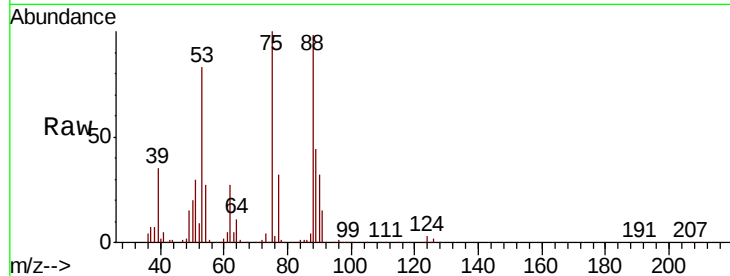
Tot Ion: 75 Resp: 128939

Ion Ratio Lower Upper

75 100

53 86.5 66.5 99.7

89 43.2 46.9 70.3#



#82

4-Chlorotoluene

Concen: 51.114 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000250.D

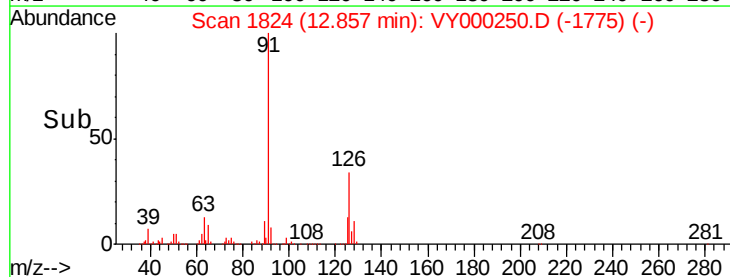
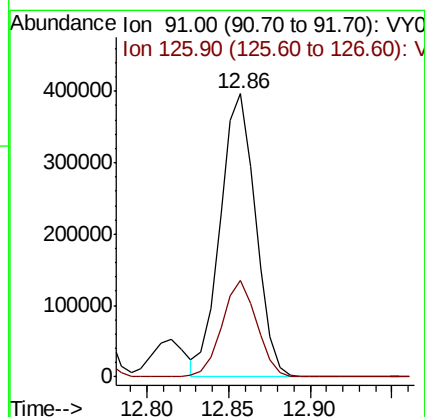
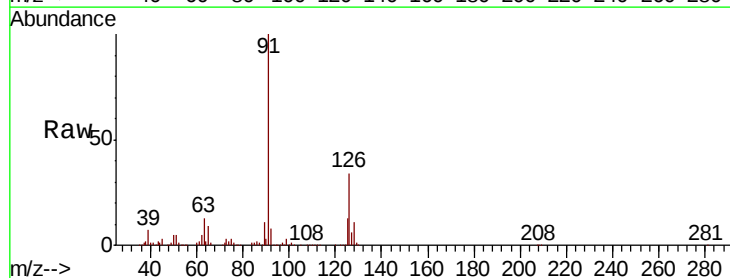
Acq: 10 Oct 2019 13:50

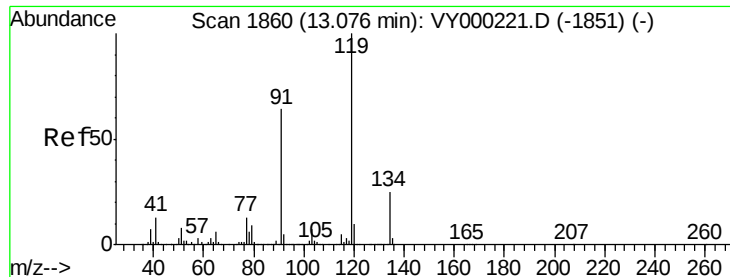
Tgt Ion: 91 Resp: 597633

Ion Ratio Lower Upper

91 100

126 33.5 17.3 52.0

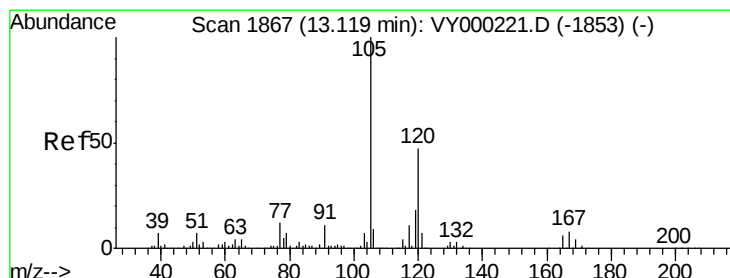
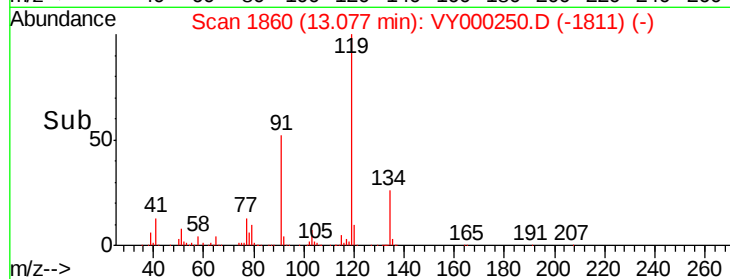
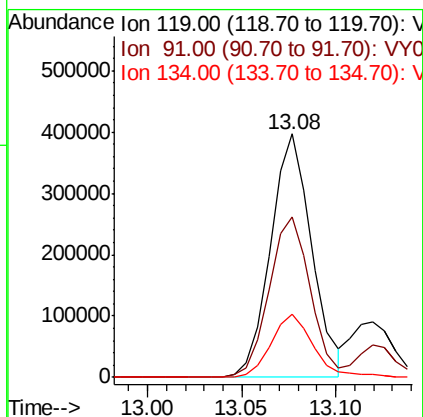
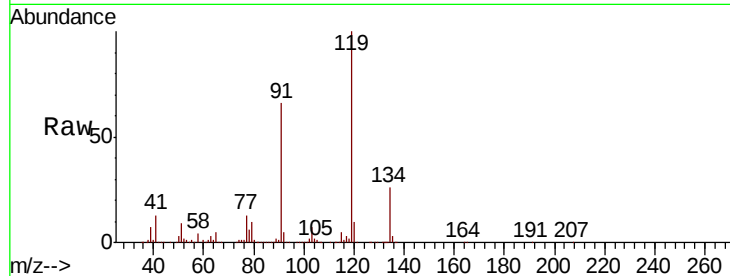




#83
tert-Butylbenzene
Concen: 48.192 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

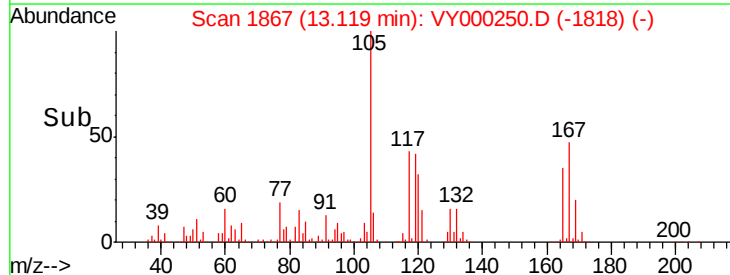
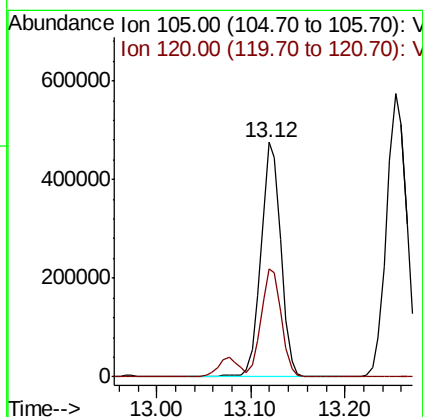
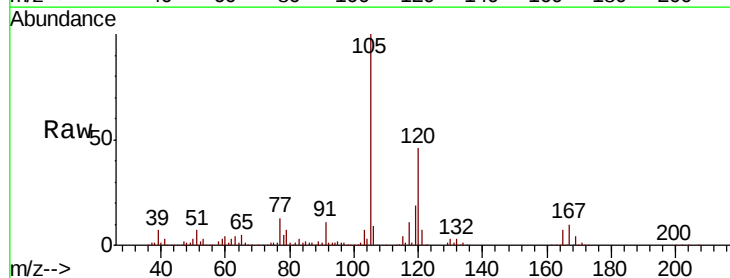
Instrument :
MSVOA_Y
ClientSampled :

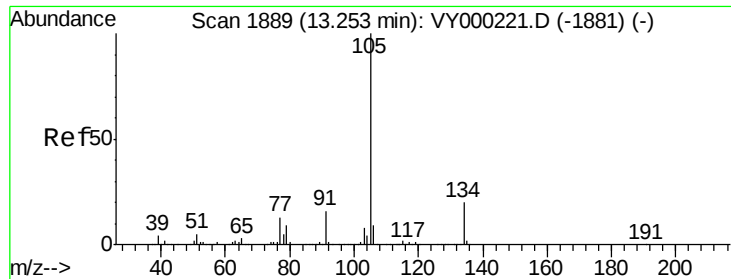
Tot Ion:119 Resp: 599933
Ion Ratio Lower Upper
119 100
91 65.8 32.4 97.2
134 26.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.648 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion:105 Resp: 710465
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 49.780 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

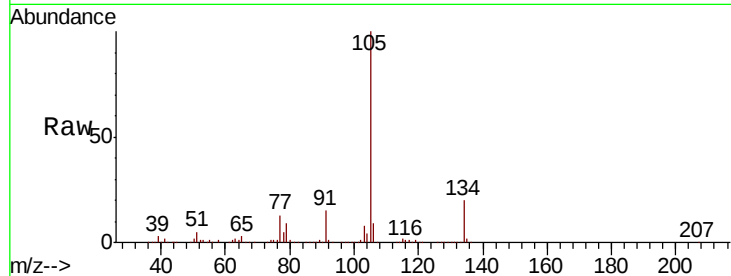
ClientSampleId :

Tot Ion:105 Resp: 854182

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

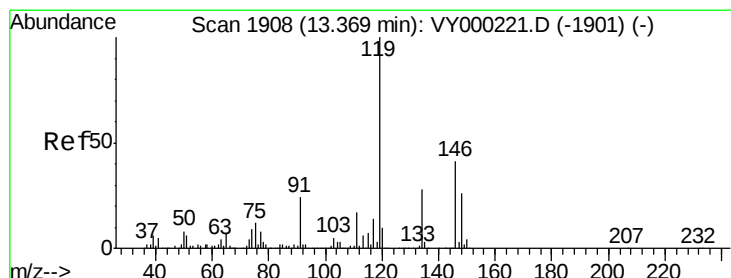
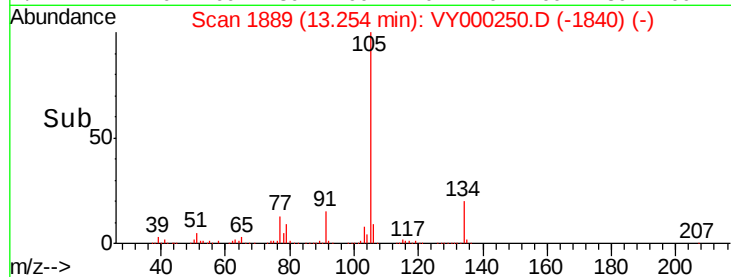
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 50.759 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

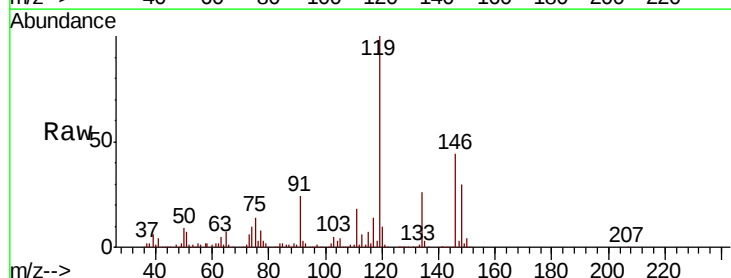
Tgt Ion:119 Resp: 765909

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 23.8 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

13.37

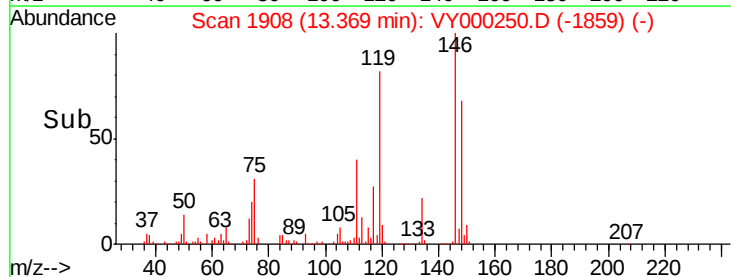
600000

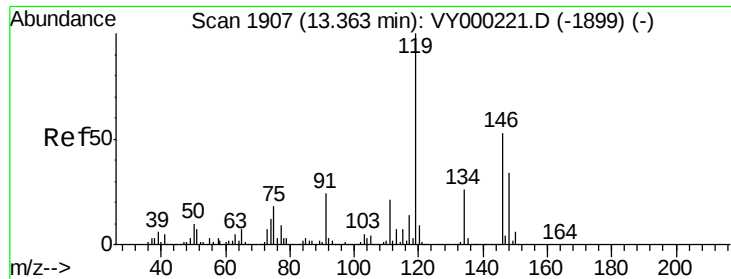
400000

200000

0

Time--> 13.30 13.35 13.40 13.45

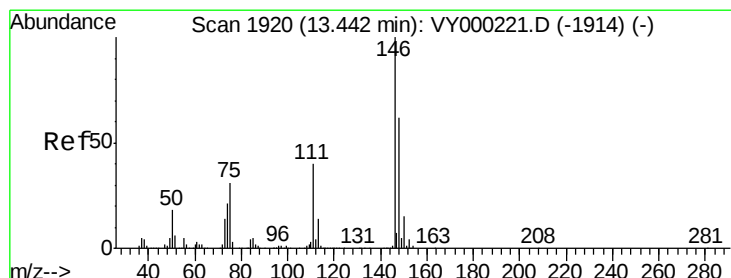
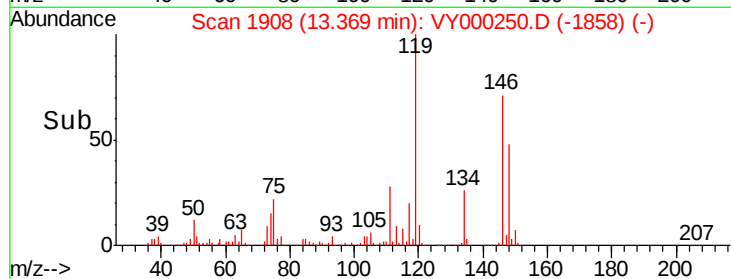
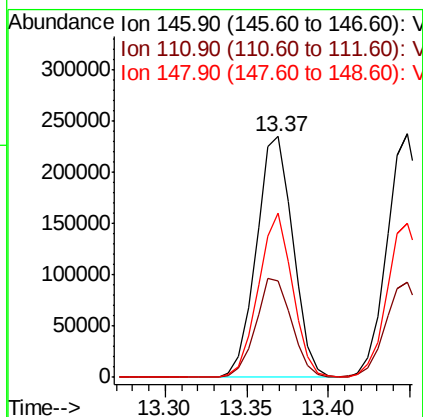
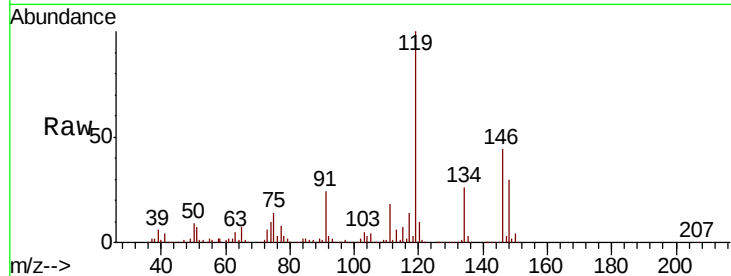




#87
 1,3-Dichlorobenzene
 Concen: 50.039 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

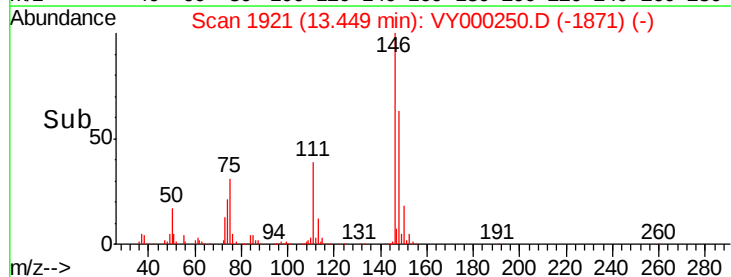
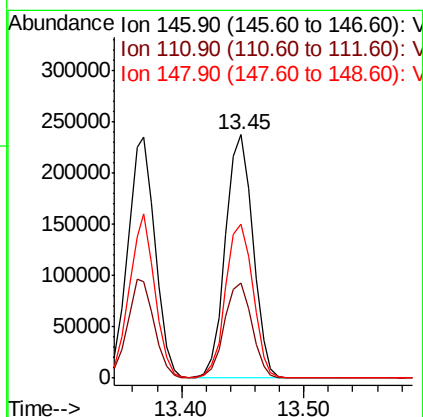
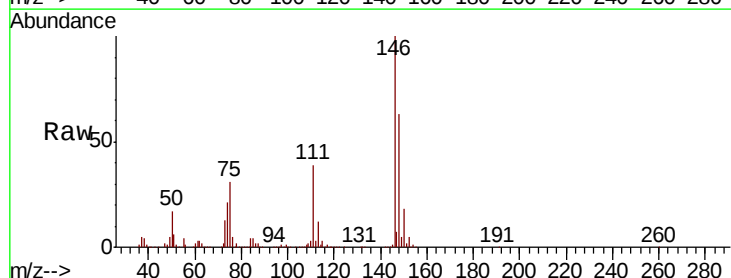
Instrument :
 MSVOA_Y
 ClientSampleId :

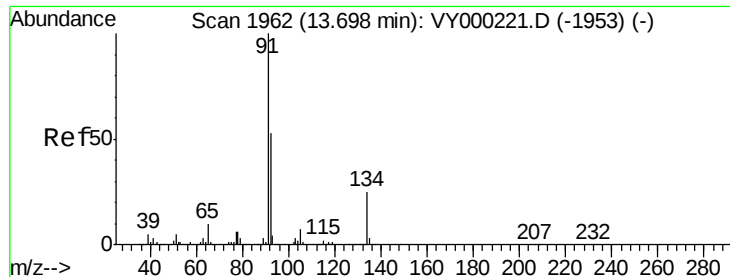
Tot Ion:146 Resp: 365054
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.423 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion:146 Resp: 367969
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.3
 148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 51.555 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

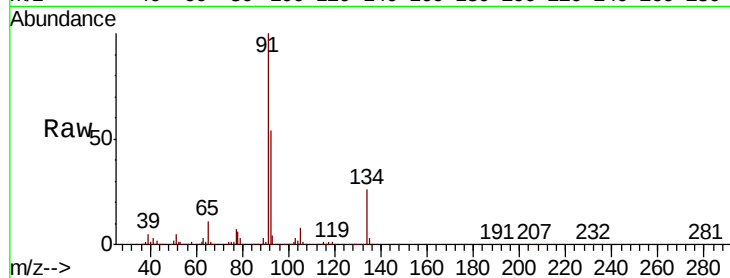
Tot Ion: 91 Resp: 733157

Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.0	80.8
134	26.1	12.8	38.4

91 100

92 53.8 27.0 80.8

134 26.1 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

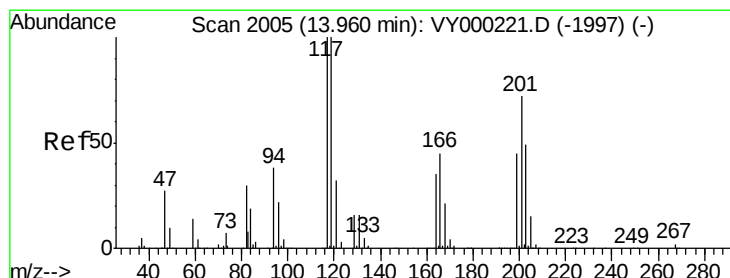
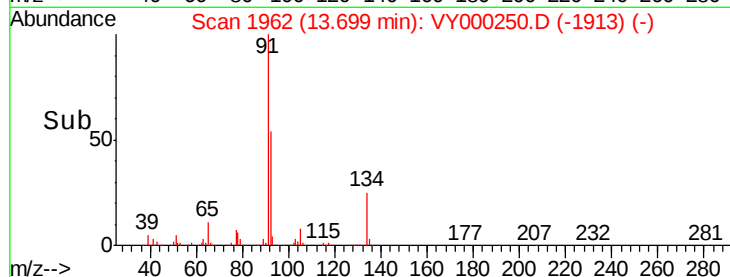
600000

400000

200000

0

Time--> 13.60 13.70 13.80



#90

Hexachloroethane

Concen: 50.556 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000250.D

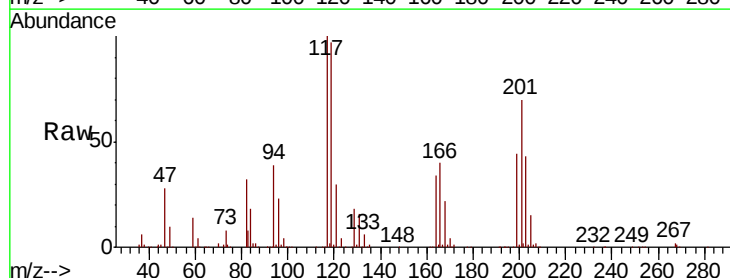
Acq: 10 Oct 2019 13:50

Tgt Ion: 117 Resp: 144301

Ion	Ratio	Lower	Upper
117	100		
201	72.6	35.5	106.5

117 100

201 72.6 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

100000

80000

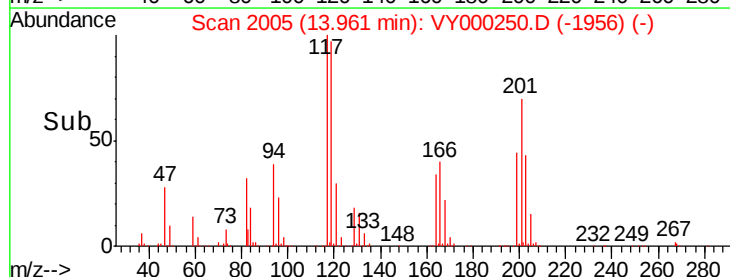
60000

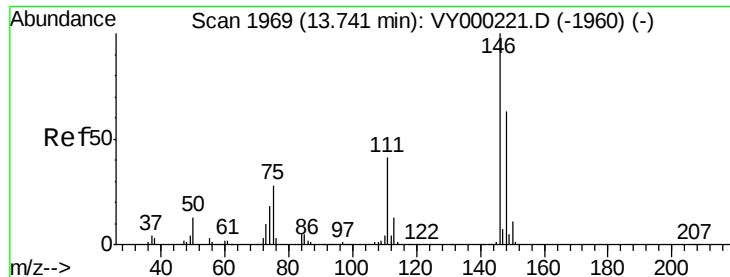
40000

20000

0

Time--> 13.90 13.95 14.00





#91

1,2-Dichlorobenzene

Concen: 48.527 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

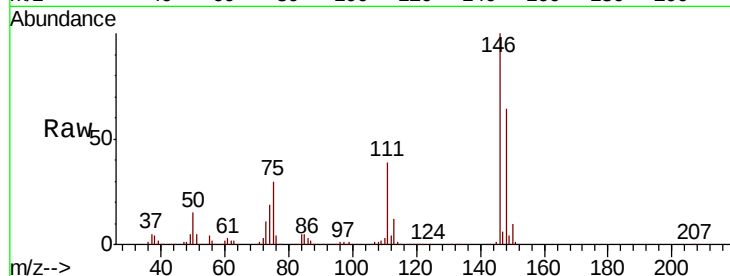
Tot Ion:146 Resp: 358324

Ion Ratio Lower Upper

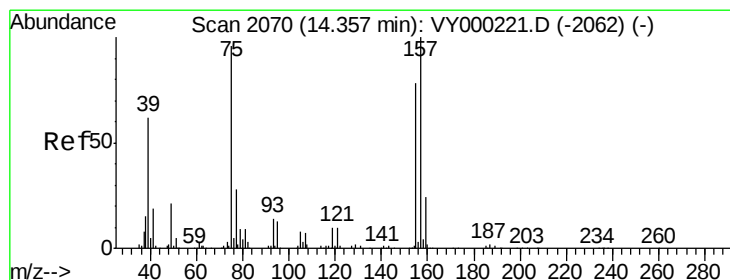
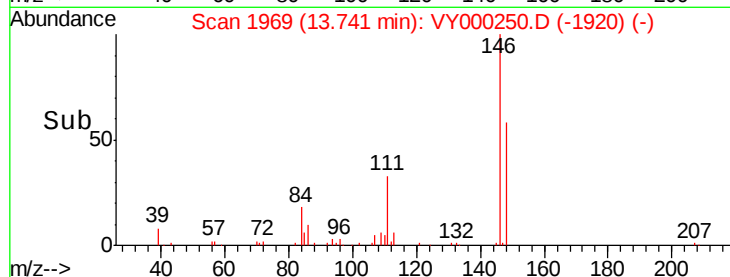
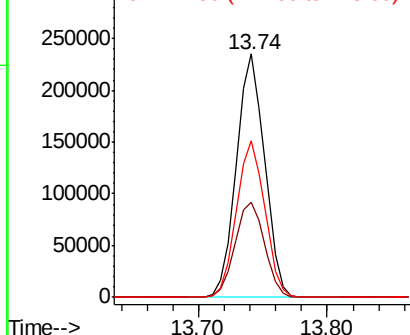
146 100

111 40.8 20.9 62.8

148 64.4 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.959 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000250.D

Acq: 10 Oct 2019 13:50

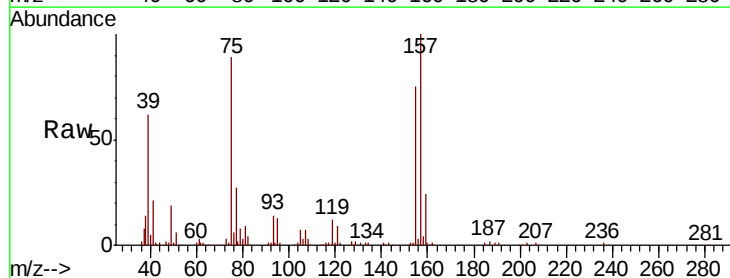
Tgt Ion: 75 Resp: 92859

Ion Ratio Lower Upper

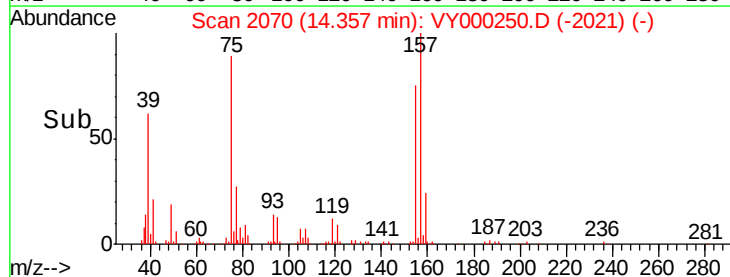
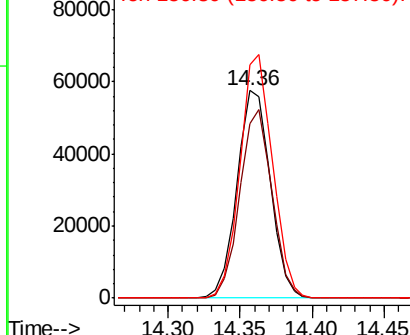
75 100

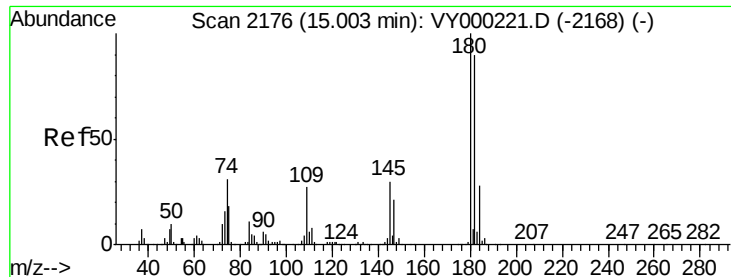
155 87.4 42.4 127.3

157 113.9 53.8 161.5



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

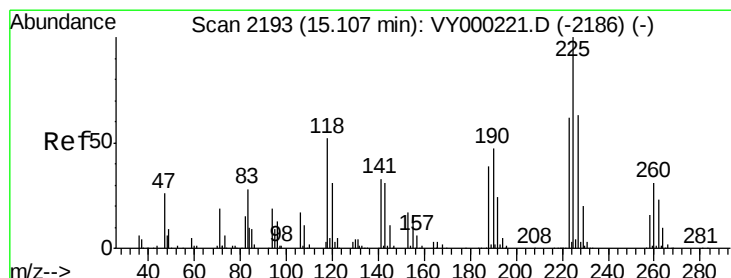
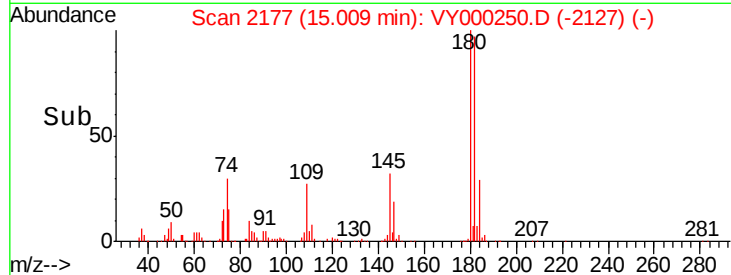
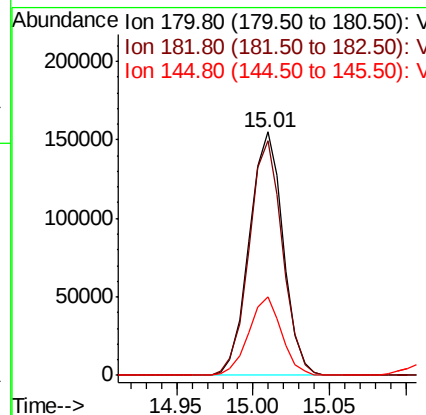
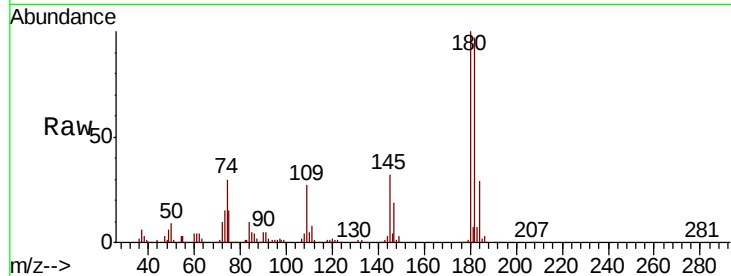




#93
 1,2,4-Trichlorobenzene
 Concen: 47.477 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

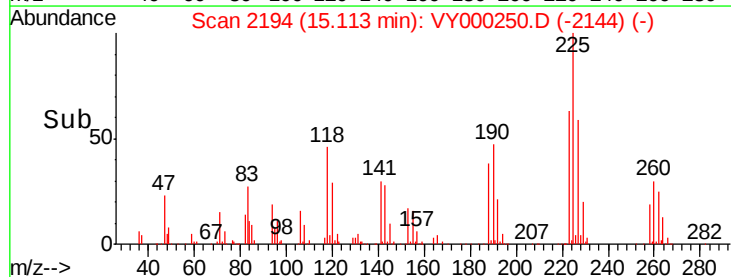
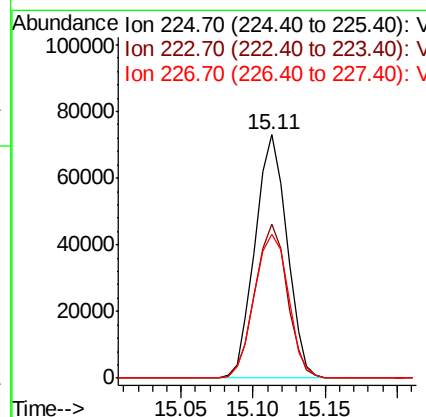
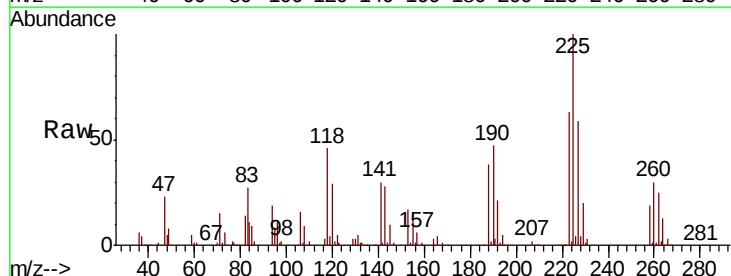
Instrument :
 MSVOA_Y
 ClientSampleId :

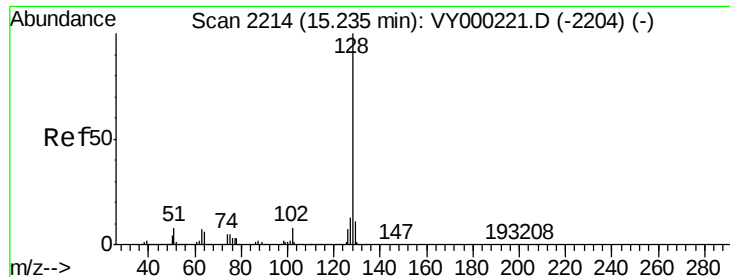
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	31.3	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 46.884 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000250.D
 Acq: 10 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.5
227	63.1	31.5	94.5

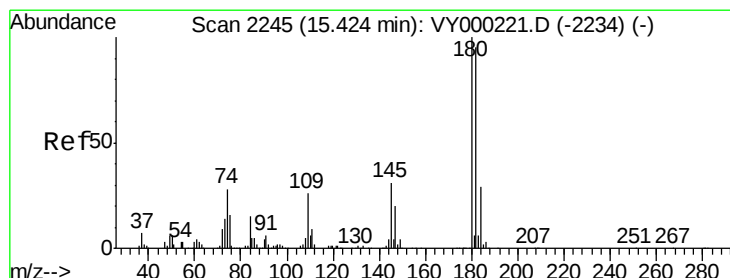
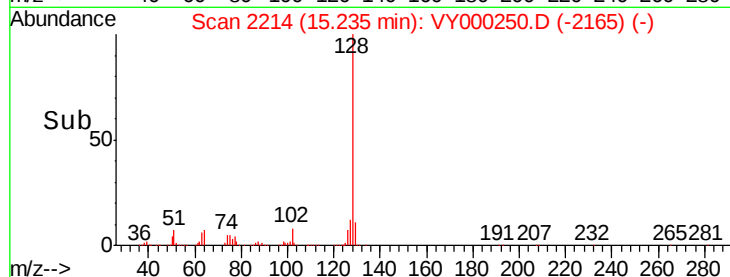
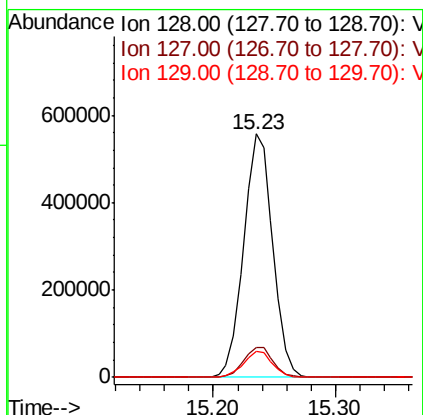
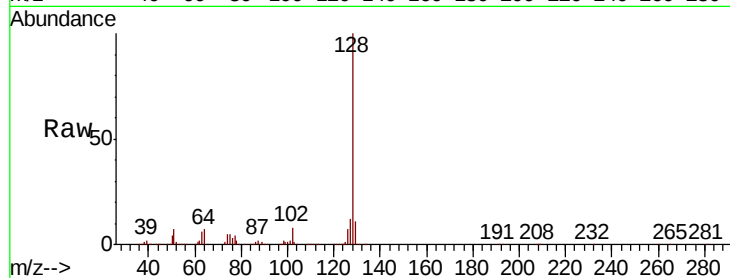




#95
Naphthalene
Concen: 48.533 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 915343
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.471 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000250.D
Acq: 10 Oct 2019 13:50

Tgt Ion:180 Resp: 233753
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.7
145 32.7 16.3 48.9

