

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
 Data File : VY002007.D
 Acq On : 18 Mar 2020 12:33
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 19 01:26:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	155842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	278835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	114787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	86762	52.15	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.74	113	83360	54.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	10.19	98	355057	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.49	95	122139	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	26809	18.636	ug/l	95
3) Chloromethane	2.13	50	37515	19.343	ug/l	99
4) Vinyl Chloride	2.27	62	38534	19.533	ug/l	98
5) Bromomethane	2.66	94	26537	19.455	ug/l	99
6) Chloroethane	2.80	64	24803	20.015	ug/l	95
7) Trichlorofluoromethane	3.15	101	52732	19.709	ug/l	92
8) Diethyl Ether	3.55	74	20751	19.679	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	35740	20.769	ug/l	100
10) Methyl Iodide	4.11	142	37615	18.902	ug/l	99
11) Tert butyl alcohol	4.97	59	22920	120.705	ug/l #	74
12) 1,1-Dichloroethene	3.90	96	35240	20.338	ug/l	98
13) Acrolein	3.75	56	16213	69.348	ug/l	98
14) Allyl chloride	4.51	41	63286	20.603	ug/l	99
15) Acrylonitrile	5.19	53	50975	90.465	ug/l	98
16) Acetone	3.97	43	42486	87.677	ug/l	100
17) Carbon Disulfide	4.22	76	106390	18.265	ug/l	98
18) Methyl Acetate	4.50	43	22806	18.317	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	89521	19.065	ug/l	100
20) Methylene Chloride	4.74	84	45005	21.670	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	39954	20.316	ug/l	98
22) Diisopropyl ether	6.15	45	129209	20.521	ug/l	93
23) Vinyl Acetate	6.09	43	386613	93.662	ug/l	98
24) 1,1-Dichloroethane	6.05	63	69553	20.398	ug/l	98
25) 2-Butanone	7.01	43	65371	88.710	ug/l	100
26) 2,2-Dichloropropane	7.00	77	59883	21.397	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	43227	20.207	ug/l	96
28) Bromochloromethane	7.36	49	31988	20.813	ug/l	98
29) Tetrahydrofuran	7.37	42	42349	86.541	ug/l	99
30) Chloroform	7.53	83	66442	20.740	ug/l	98
31) Cyclohexane	7.80	56	72413	19.807	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	56103	20.778	ug/l	98
36) 1,1-Dichloropropene	7.94	75	54761	20.409	ug/l	99
37) Ethyl Acetate	7.10	43	29261	18.763	ug/l	99
38) Carbon Tetrachloride	7.92	117	47749	20.831	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72763	20.446	ug/l	99
40) Benzene	8.18	78	163539	20.563	ug/l	100
41) Methacrylonitrile	7.36	41	38142	54.346	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	40910	19.962	ug/l	100
43) Isopropyl Acetate	8.28	43	53889	18.251	ug/l	99
44) Trichloroethene	8.95	130	39742	20.518	ug/l	99
45) 1,2-Dichloropropane	9.23	63	41199	20.607	ug/l	95
46) Dibromomethane	9.32	93	19987	19.400	ug/l	99
47) Bromodichloromethane	9.50	83	48758	20.344	ug/l	99
48) Methyl methacrylate	9.30	41	23532	17.961	ug/l	95
49) 1,4-Dioxane	9.31	88	4799	339.937	ug/l #	79
51) 4-Methyl-2-Pentanone	10.08	43	143727	94.508	ug/l	99
52) Toluene	10.25	92	100456	20.792	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	53027	20.308	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	63446	20.411	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	30074	19.946	ug/l	94
56) Ethyl methacrylate	10.52	69	41186	18.636	ug/l	96
57) 1,3-Dichloropropane	10.80	76	52765	19.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	114397	133.030	ug/l	99
59) 2-Hexanone	10.84	43	96274	88.694	ug/l	100
60) Dibromochloromethane	10.99	129	32023	20.155	ug/l	97
61) 1,2-Dibromoethane	11.10	107	27116	18.985	ug/l	100
64) Tetrachloroethene	10.72	164	33016	21.023	ug/l	98
65) Chlorobenzene	11.52	112	103212	20.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	34262	20.939	ug/l	100
67) Ethyl Benzene	11.60	91	193629	20.807	ug/l	99
68) m/p-Xylenes	11.70	106	145696	42.347	ug/l	98
69) o-Xylene	12.03	106	67275	20.746	ug/l	99
70) Styrene	12.05	104	115850	20.859	ug/l	100
71) Bromoform	12.21	173	16742	18.866	ug/l #	98
73) Isopropylbenzene	12.33	105	185405	21.159	ug/l	99
74) N-amyl acetate	12.15	43	49778	18.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	36038	19.072	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	46192	33.914	ug/l #	100
77) Bromobenzene	12.61	156	37988	20.462	ug/l	97
78) n-propylbenzene	12.67	91	229594	21.238	ug/l	99
79) 2-Chlorotoluene	12.76	91	125448	21.004	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	151858	21.051	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	12542	18.600	ug/l	97
82) 4-Chlorotoluene	12.86	91	131407	21.131	ug/l	100
83) tert-Butylbenzene	13.08	119	127231	21.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	154174	21.536	ug/l	100
85) sec-Butylbenzene	13.26	105	191234	21.654	ug/l	100
86) p-Isopropyltoluene	13.38	119	165710	21.752	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	77710	21.361	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	76513	20.731	ug/l	98
89) n-Butylbenzene	13.70	91	172365	21.808	ug/l	99
90) Hexachloroethane	13.97	117	29808	20.740	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	69482	21.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5473	18.561	ug/l	97

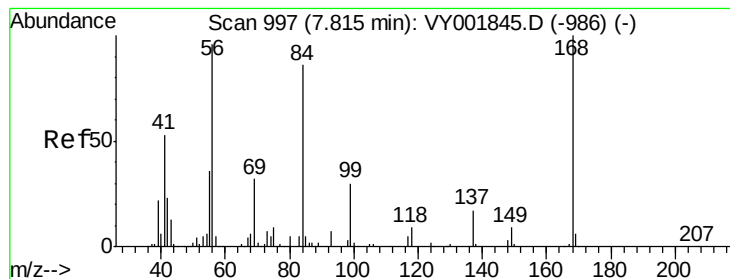
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
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Quant Time: Mar 19 01:26:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	44000	20.528	ug/l	96
94) Hexachlorobutadiene	15.12	225	23265	22.263	ug/l	98
95) Naphthalene	15.24	128	95211	18.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	38854	20.577	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

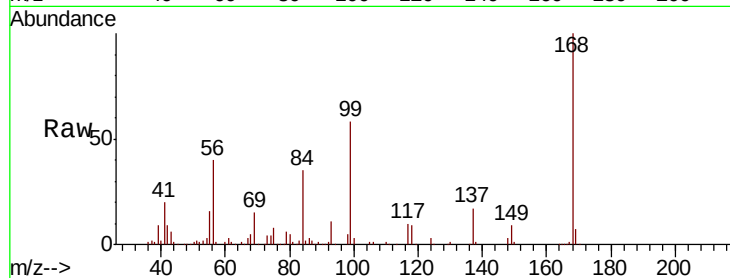
ClientSampled :

Tot Ion:168 Resp: 155842

Ion Ratio Lower Upper

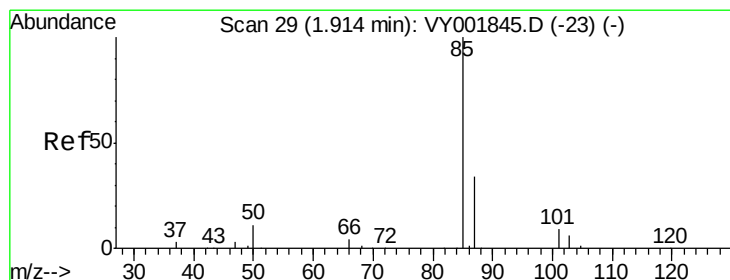
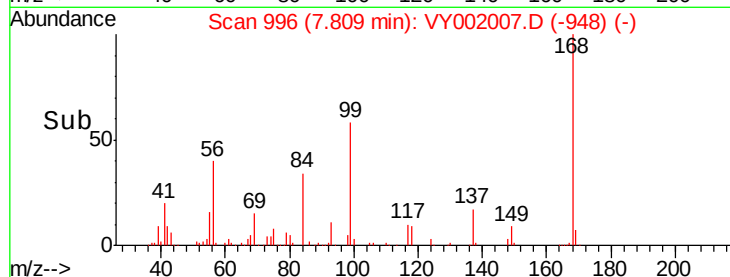
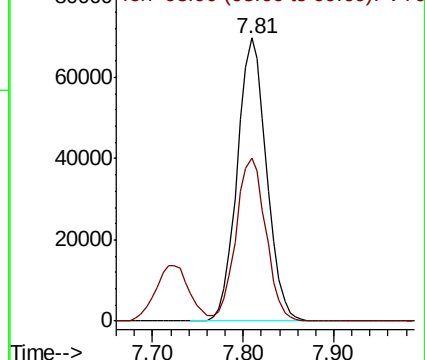
168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 18.636 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002007.D

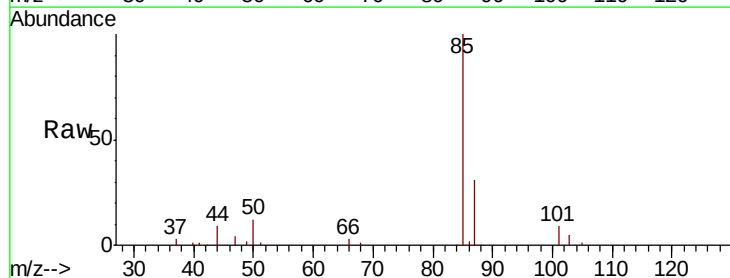
Acq: 18 Mar 2020 12:33

Tgt Ion: 85 Resp: 26809

Ion Ratio Lower Upper

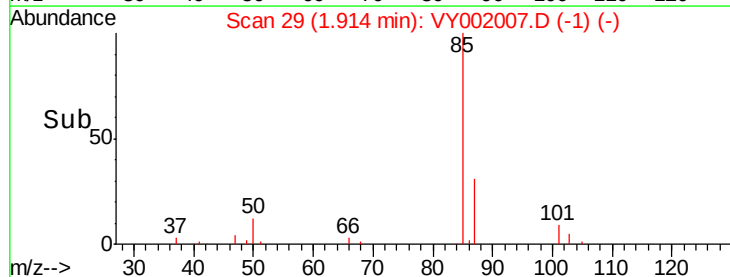
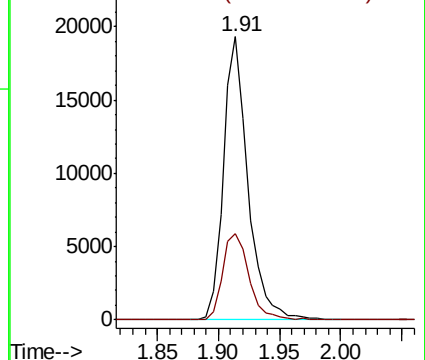
85 100

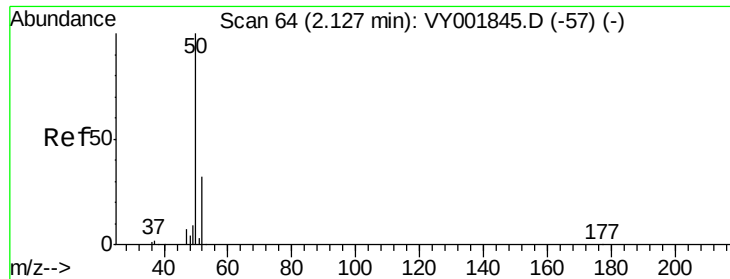
87 30.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 19.343 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

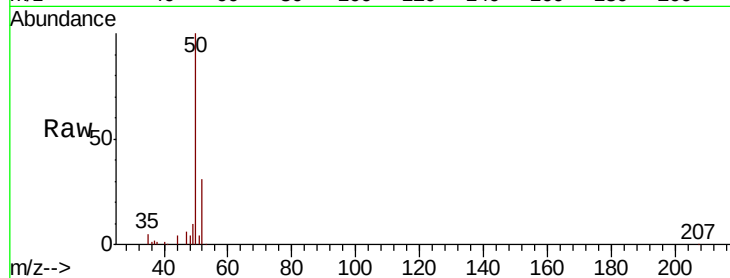
ClientSampleId :

Tot Ion: 50 Resp: 37515

Ion Ratio Lower Upper

50 100

52 31.4 25.8 38.6

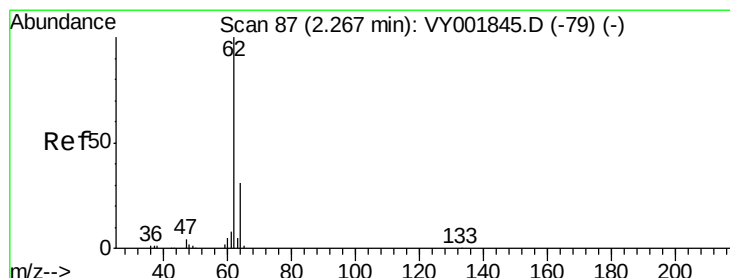
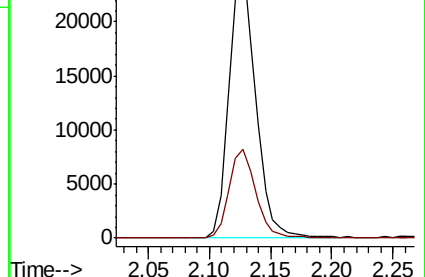
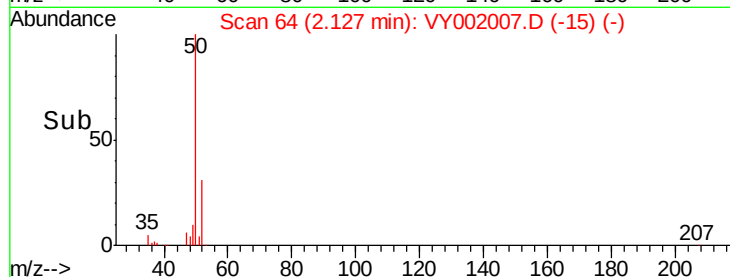


Abundance Ion 49.90 (49.60 to 50.60): VY001845.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VY002007.D (-15) (-)

2.13

Time-->



#4

Vinyl Chloride

Concen: 19.533 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002007.D

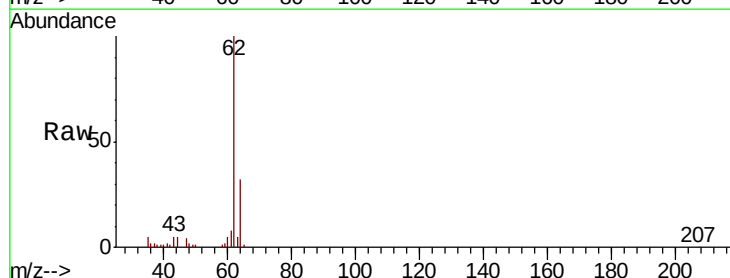
Acq: 18 Mar 2020 12:33

Tgt Ion: 62 Resp: 38534

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7

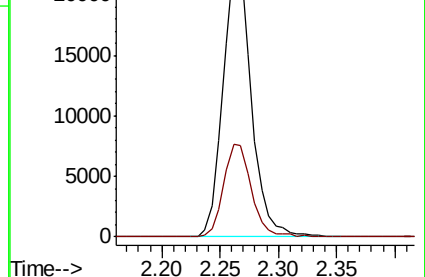
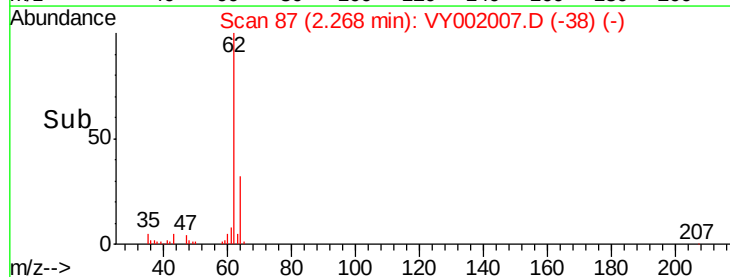


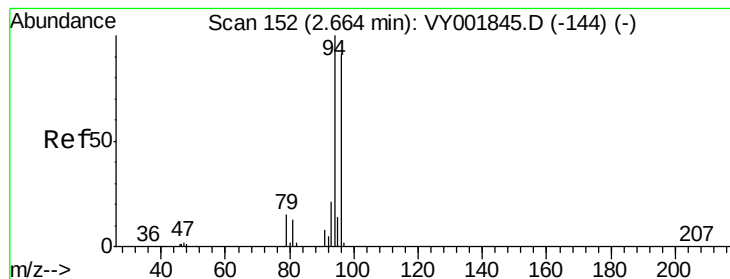
Abundance Ion 61.90 (61.60 to 62.60): VY001845.D (-79) (-)

Ion 63.90 (63.60 to 64.60): VY002007.D (-38) (-)

2.27

Time-->





#5

Bromomethane

Concen: 19.455 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

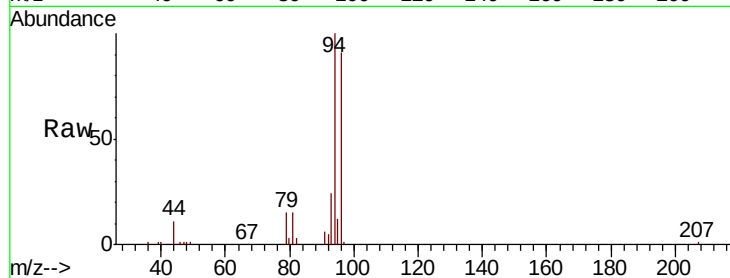
ClientSampled :

Tot Ion: 94 Resp: 26537

Ion Ratio Lower Upper

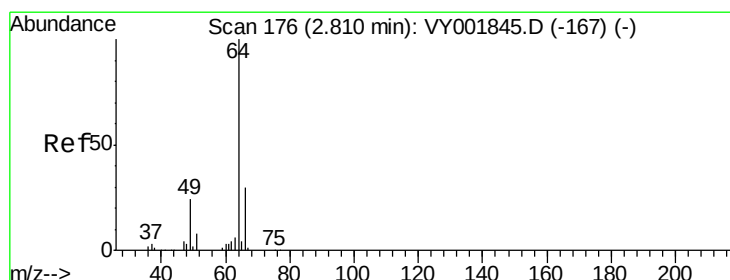
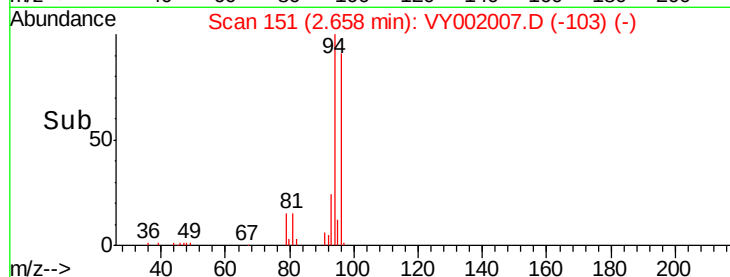
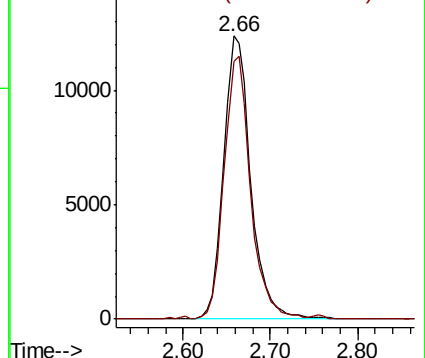
94 100

96 90.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.015 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002007.D

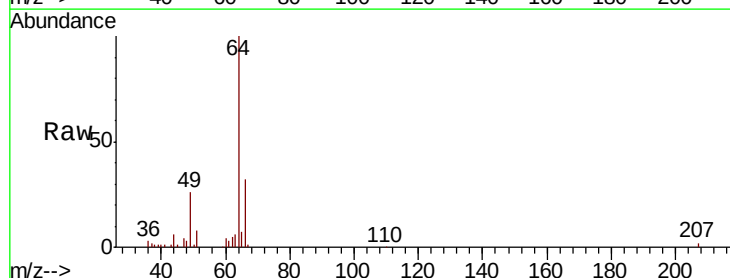
Acq: 18 Mar 2020 12:33

Tgt Ion: 64 Resp: 24803

Ion Ratio Lower Upper

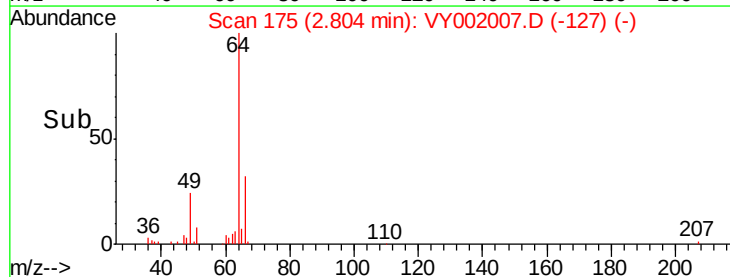
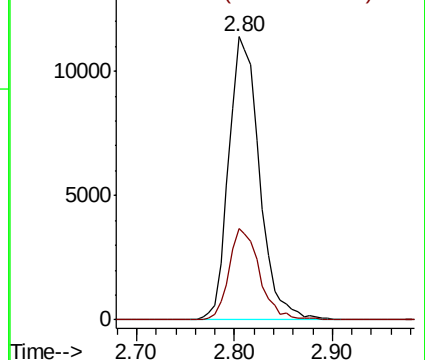
64 100

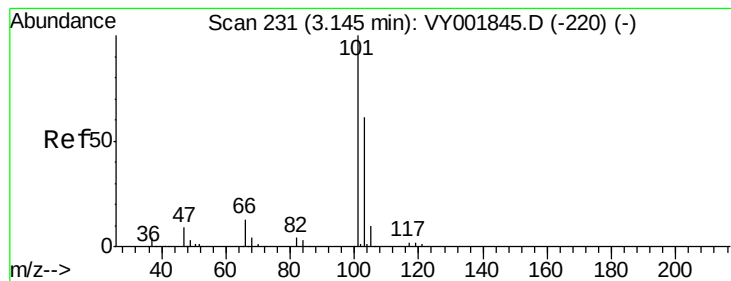
66 32.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



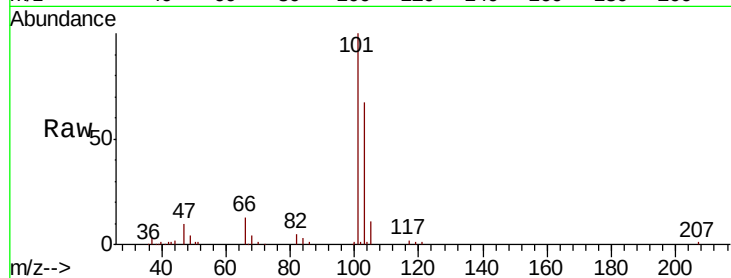


#7

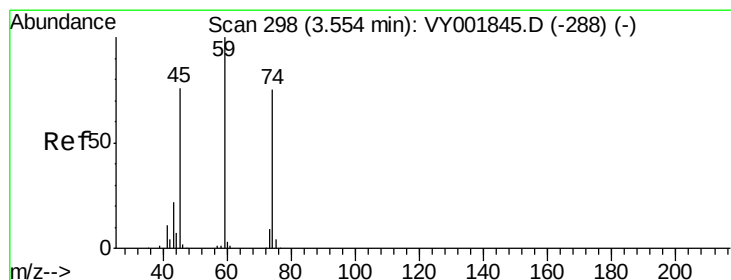
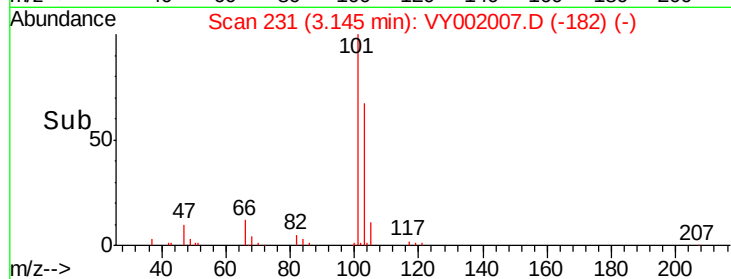
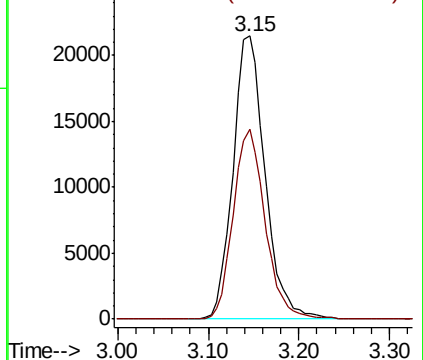
Trichlorofluoromethane
Concen: 19.709 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 52732
Ion Ratio Lower Upper
101 100
103 67.2 49.1 73.7



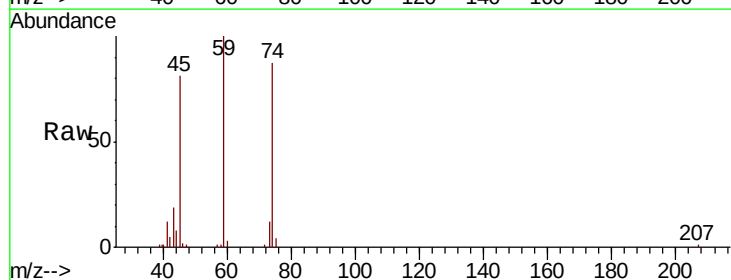
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



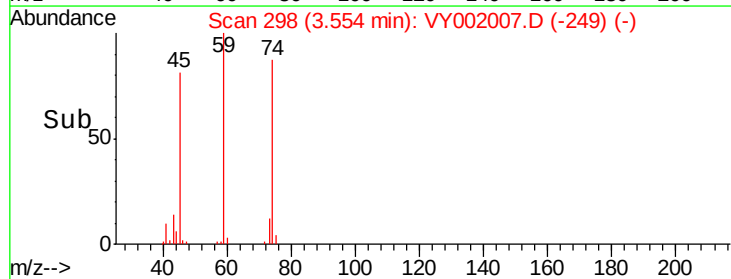
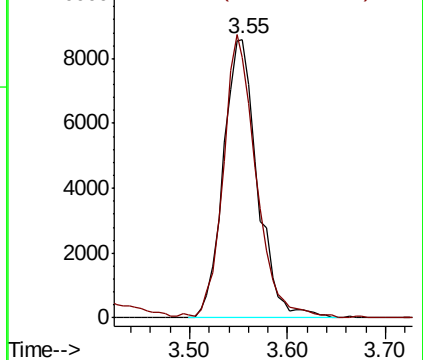
#8

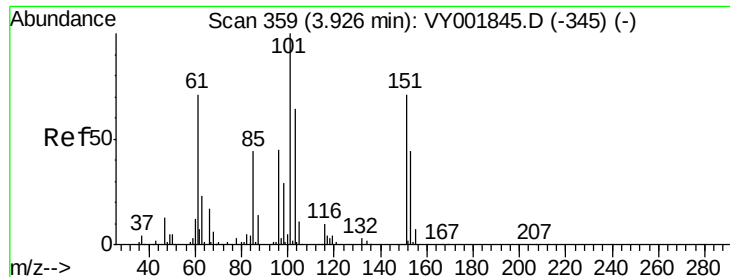
Diethyl Ether
Concen: 19.679 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 74 Resp: 20751
Ion Ratio Lower Upper
74 100
45 98.2 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.769 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampled :

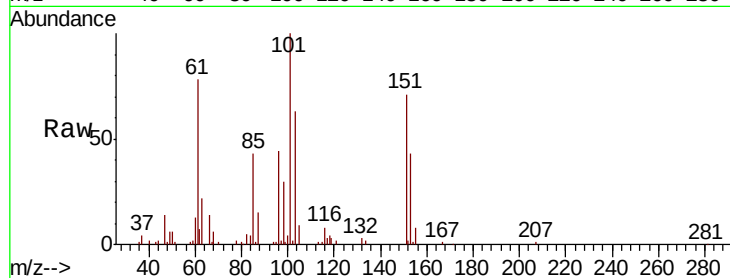
Tot Ion:101 Resp: 35740

Ion Ratio Lower Upper

101 100

85 44.2 35.3 52.9

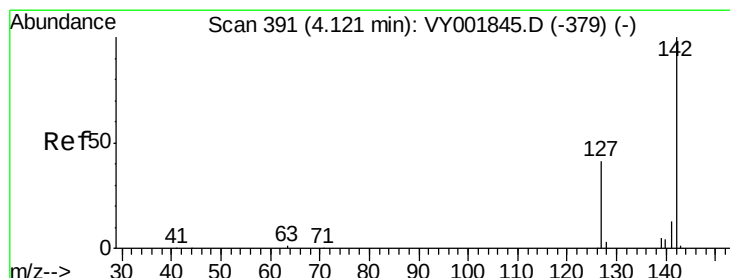
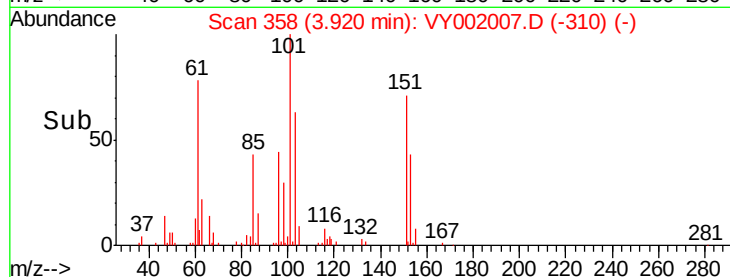
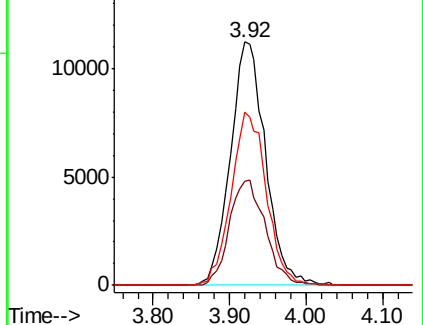
151 71.4 57.0 85.4



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: 18.902 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

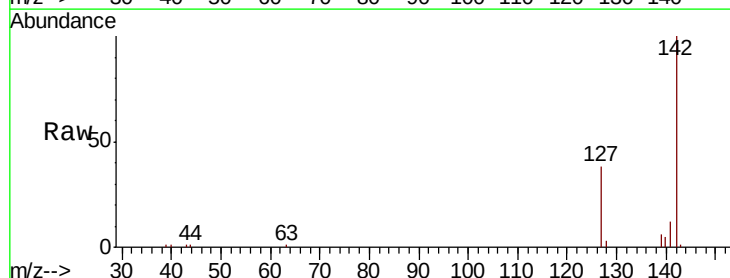
Tgt Ion:142 Resp: 37615

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

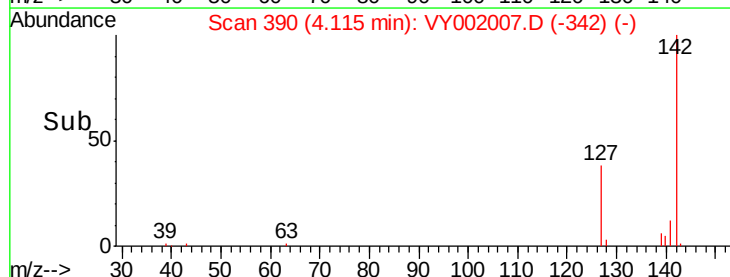
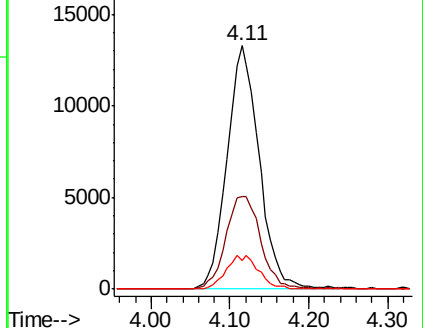
141 13.9 11.0 16.6

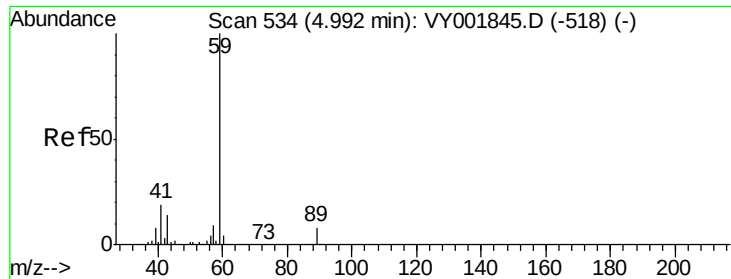


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



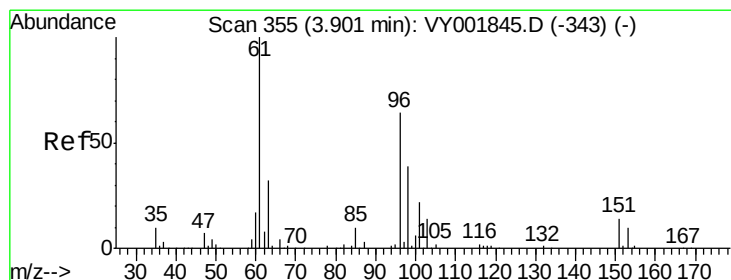
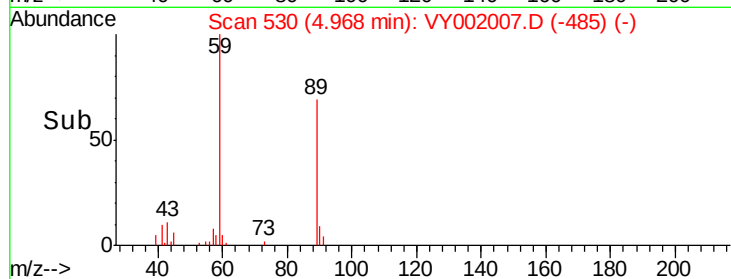
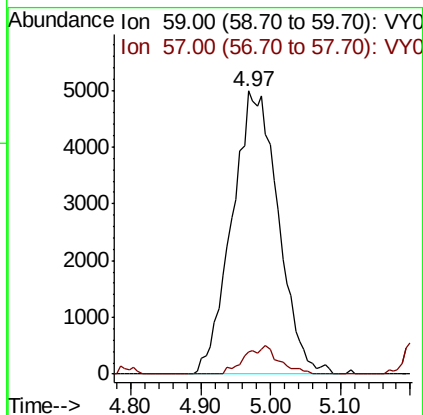
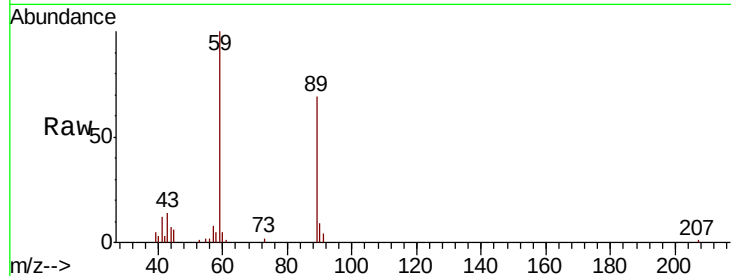


#11

Tert butyl alcohol
 Concen: 120.705 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :

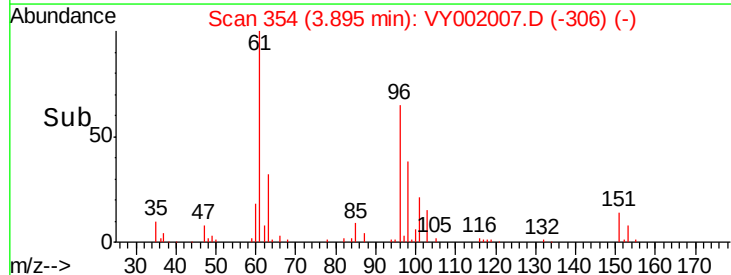
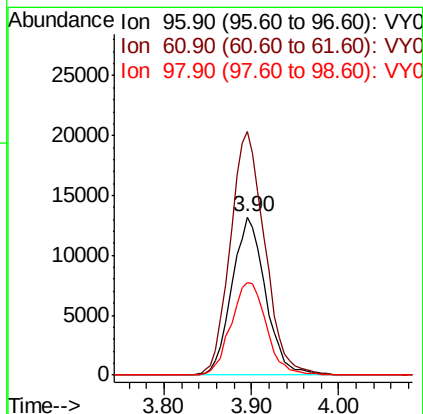
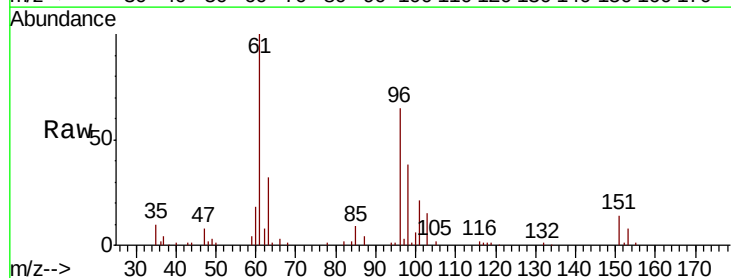
Tot Ion: 59 Resp: 22920
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

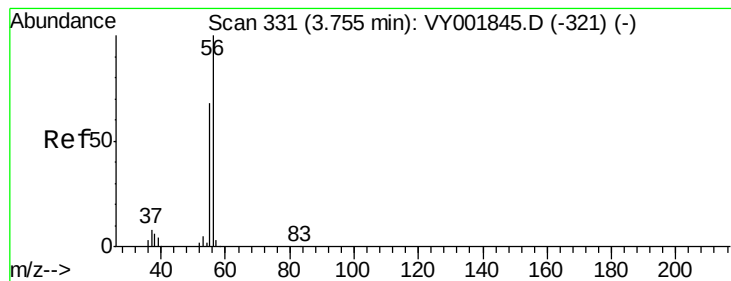


#12

1,1-Dichloroethene
 Concen: 20.338 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion: 96 Resp: 35240
 Ion Ratio Lower Upper
 96 100
 61 154.0 124.8 187.2
 98 58.8 49.2 73.8





#13

Acrolein

Concen: 69.348 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

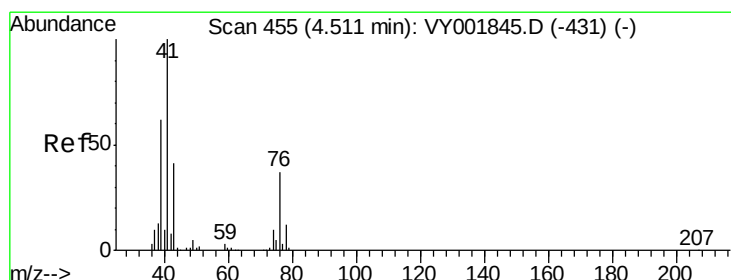
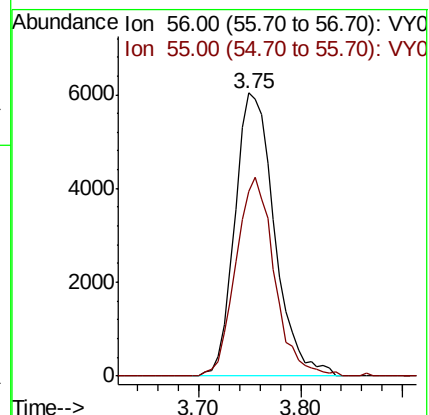
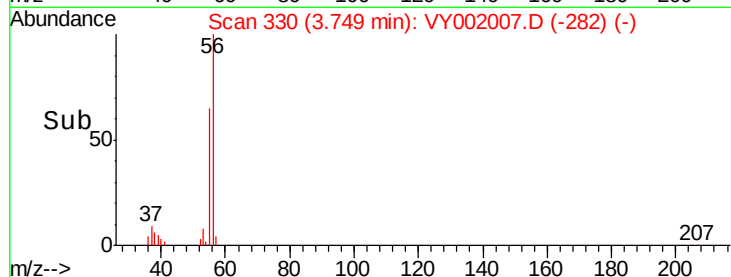
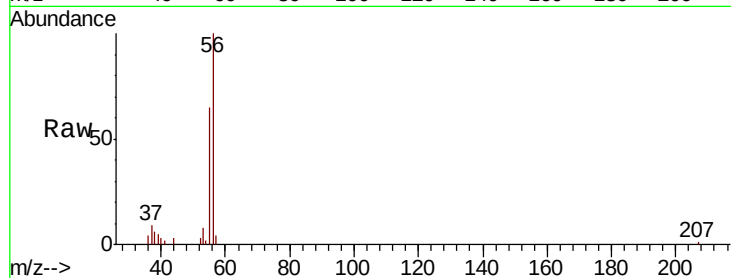
ClientSampleId :

Tot Ion: 56 Resp: 16213

Ion Ratio Lower Upper

56 100

55 68.8 54.0 81.0



#14

Allyl chloride

Concen: 20.603 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

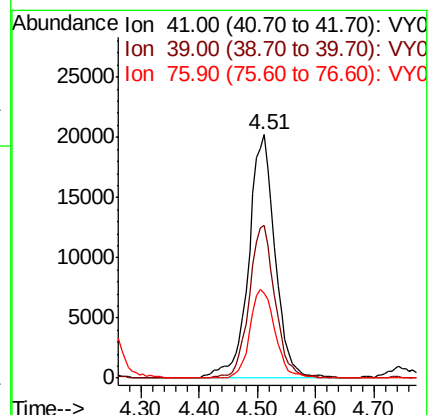
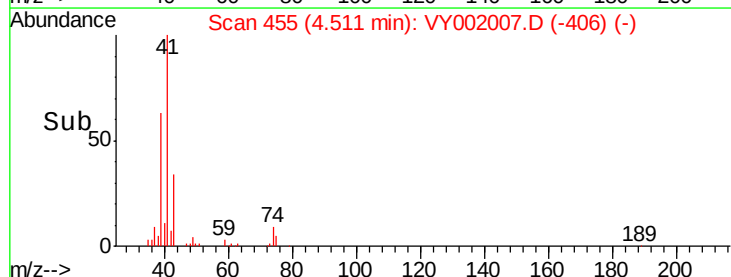
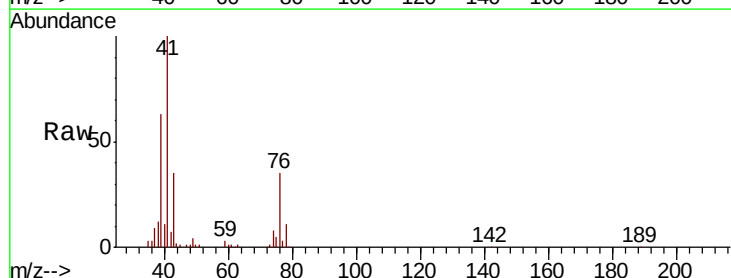
Tgt Ion: 41 Resp: 63286

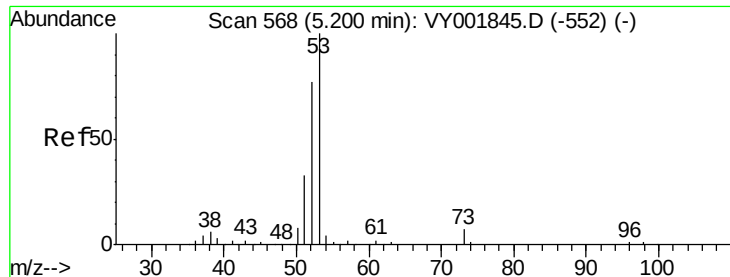
Ion Ratio Lower Upper

41 100

39 61.6 49.0 73.6

76 34.7 28.9 43.3





#15

Acrylonitrile

Concen: 90.465 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

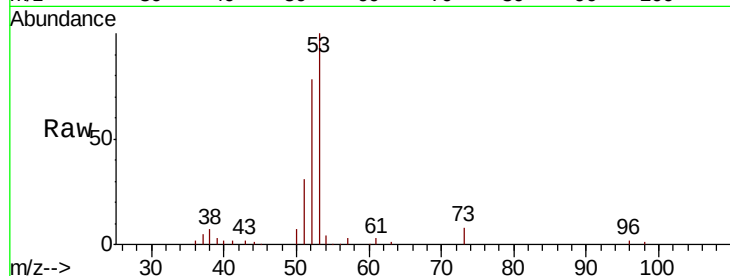
Tot Ion: 53 Resp: 50975

Ion Ratio Lower Upper

53 100

52 79.7 65.1 97.7

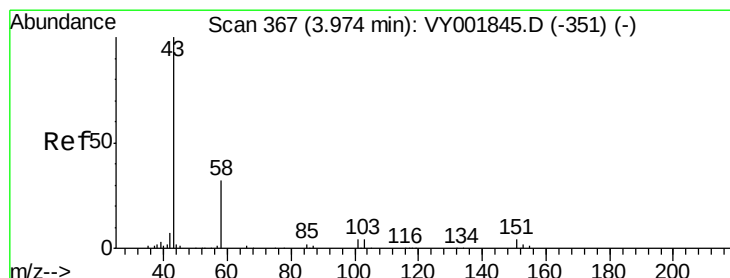
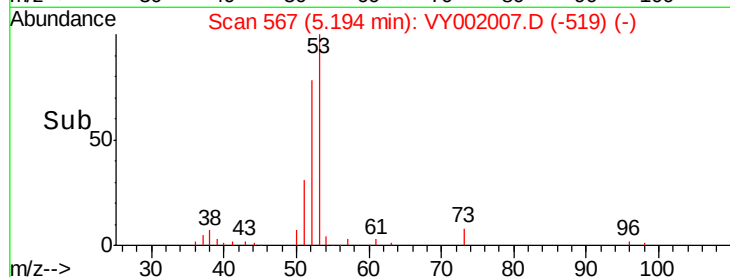
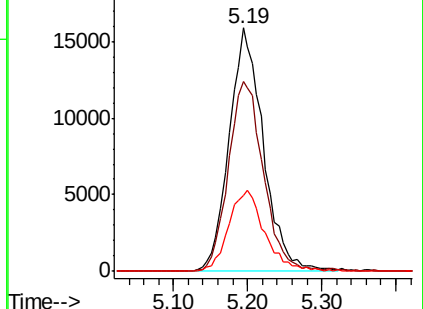
51 35.0 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY001845.D (-552) (-)

Ion 52.00 (51.70 to 52.70): VY001845.D (-552) (-)

Ion 51.00 (50.70 to 51.70): VY001845.D (-552) (-)



#16

Acetone

Concen: 87.677 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002007.D

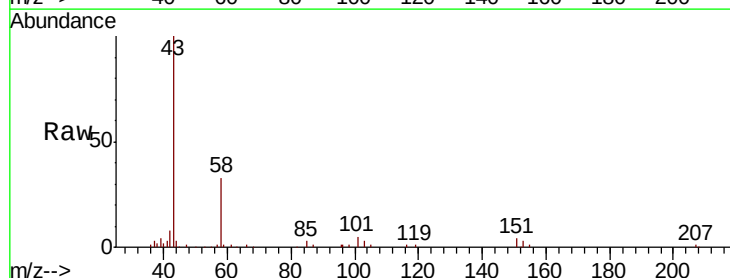
Acq: 18 Mar 2020 12:33

Tgt Ion: 43 Resp: 42486

Ion Ratio Lower Upper

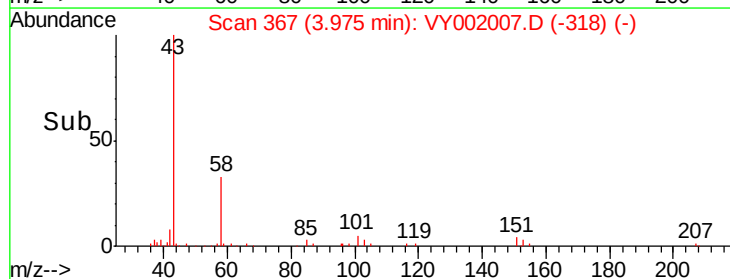
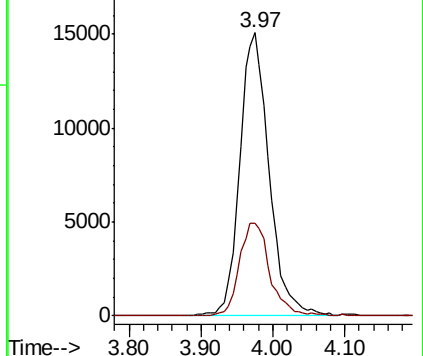
43 100

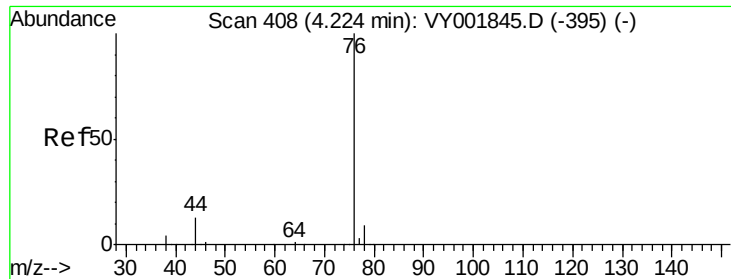
58 32.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)





#17

Carbon Disulfide

Concen: 18.265 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

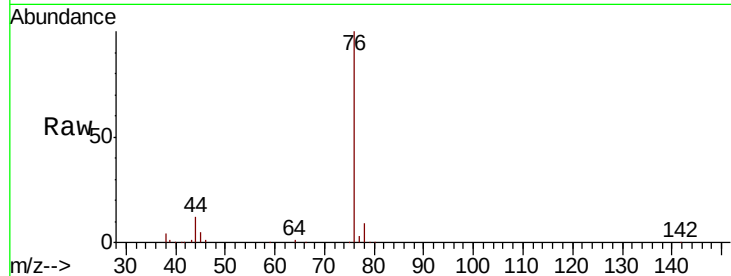
ClientSampleId :

Tot Ion: 76 Resp: 106390

Ion Ratio Lower Upper

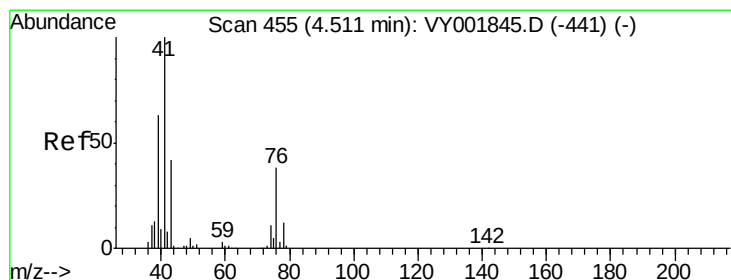
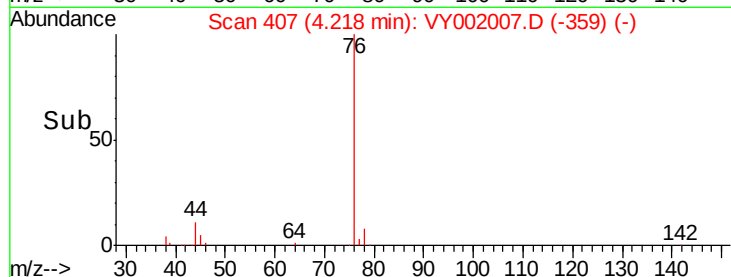
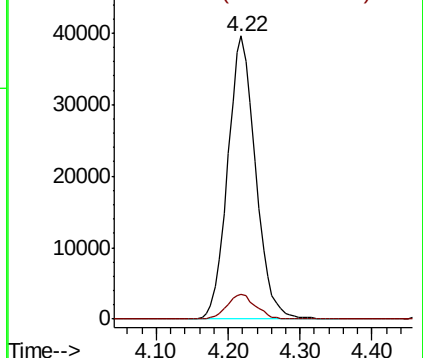
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.317 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002007.D

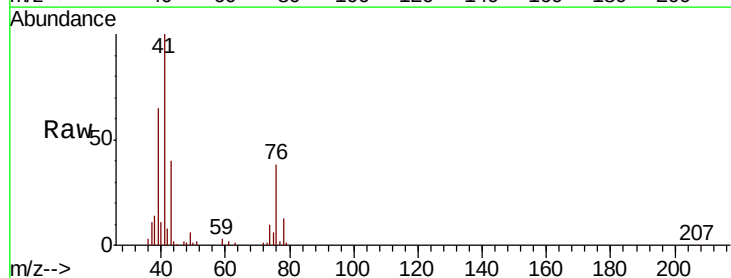
Acq: 18 Mar 2020 12:33

Tgt Ion: 43 Resp: 22806

Ion Ratio Lower Upper

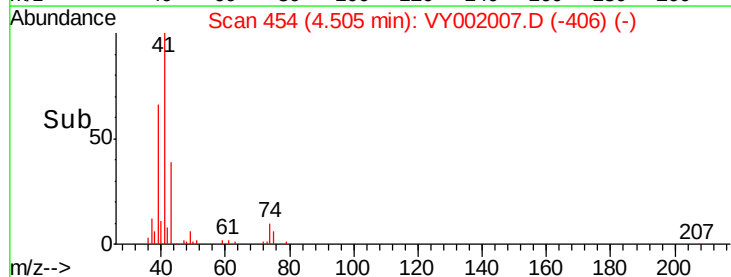
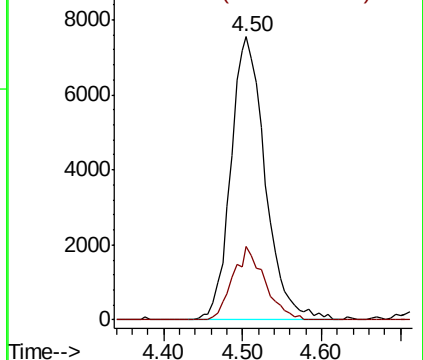
43 100

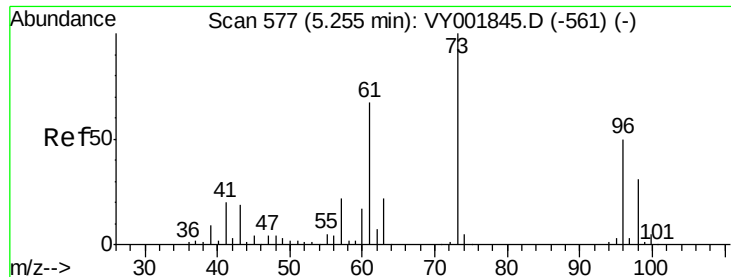
74 24.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

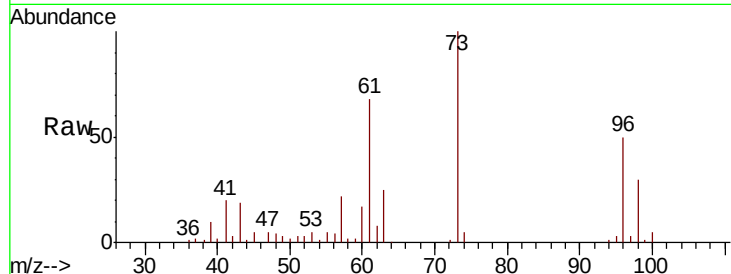




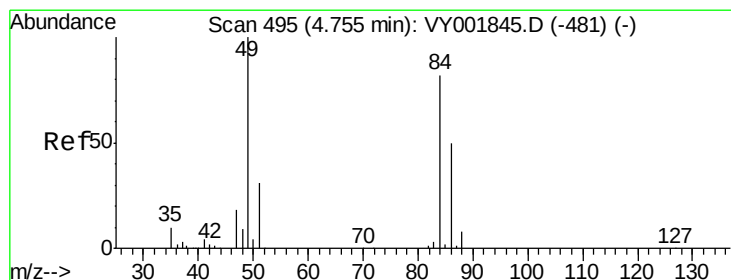
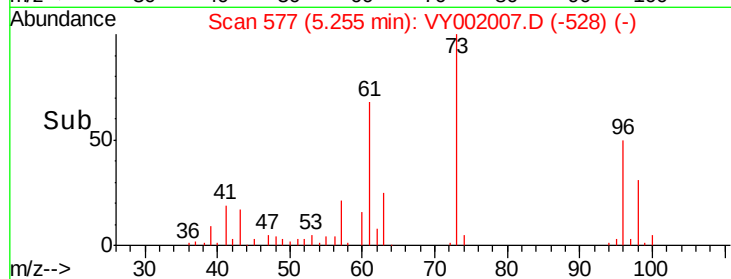
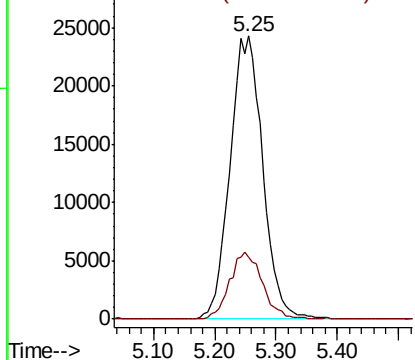
#19
Methyl tert-butyl Ether
Concen: 19.065 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 73 Resp: 89521
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

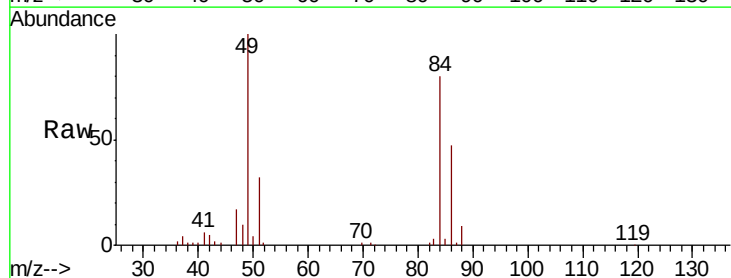


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

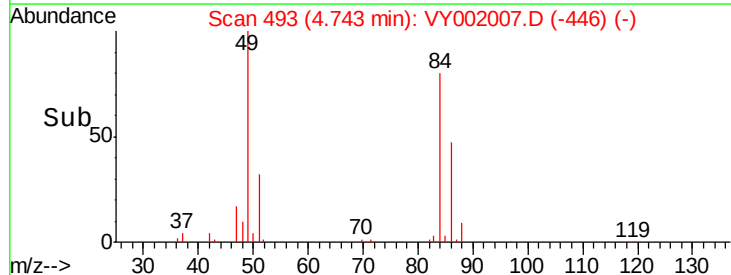
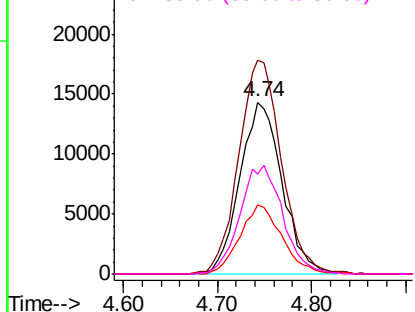


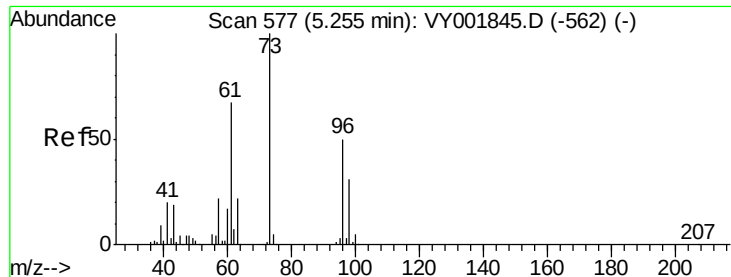
#20
Methylene Chloride
Concen: 21.670 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 84 Resp: 45005
Ion Ratio Lower Upper
84 100
49 124.5 98.2 147.2
51 40.1 30.2 45.2
86 58.3 48.9 73.3



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: 20.316 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

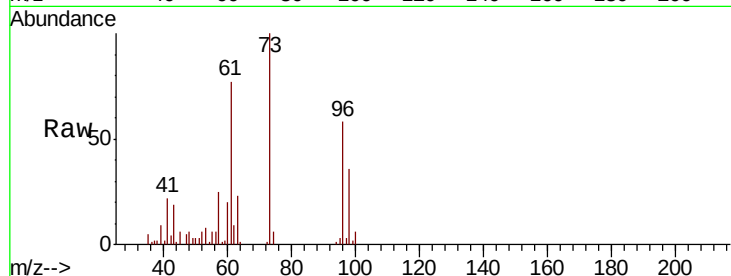
Tot Ion: 96 Resp: 39954

Ion Ratio Lower Upper

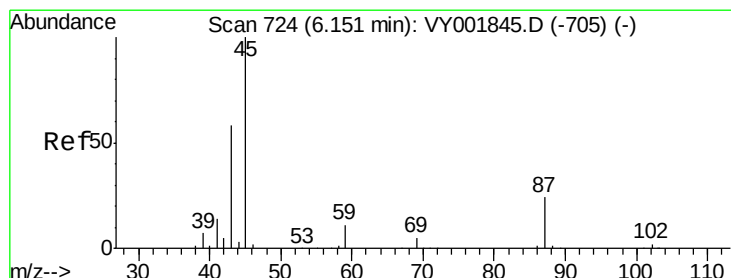
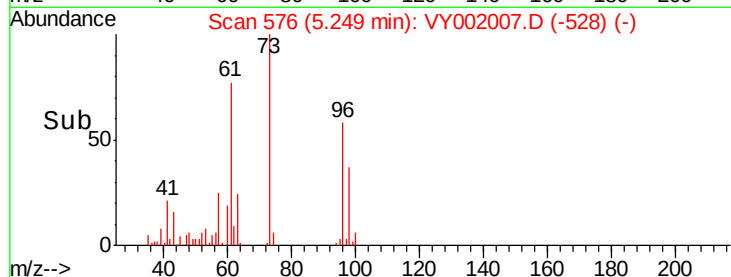
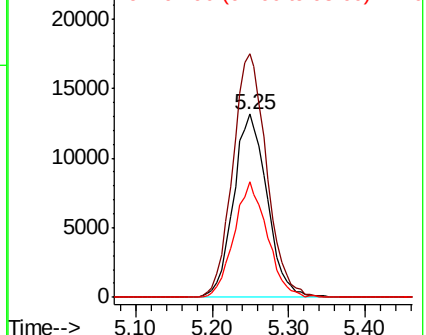
96 100

61 132.9 107.7 161.5

98 63.2 49.3 73.9



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: 20.521 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion: 45 Resp: 129209

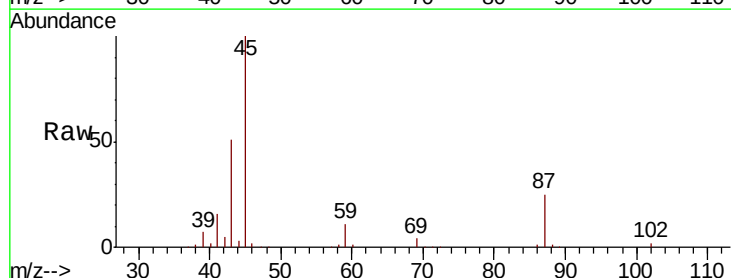
Ion Ratio Lower Upper

45 100

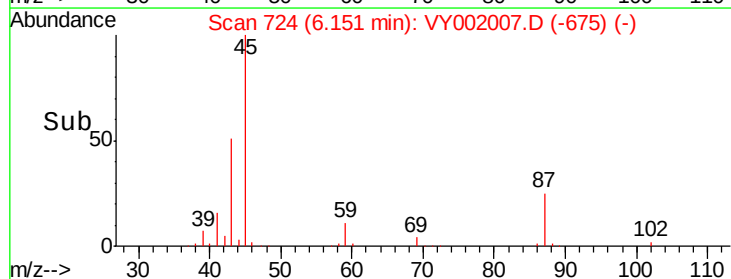
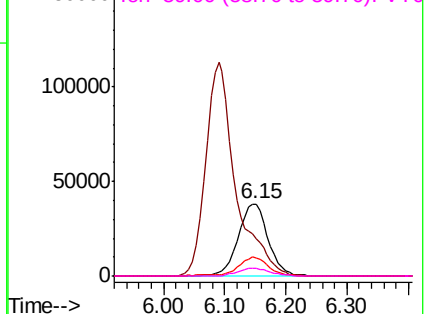
43 50.8 47.2 70.8

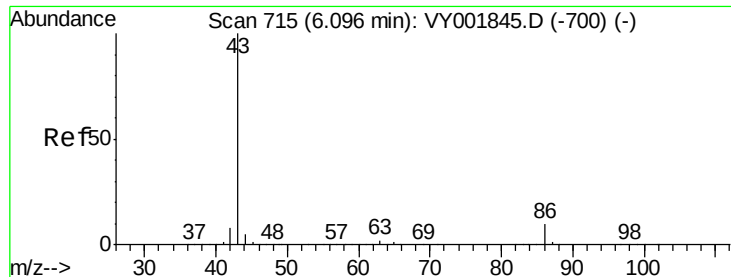
87 25.1 19.8 29.8

59 10.7 8.8 13.2



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

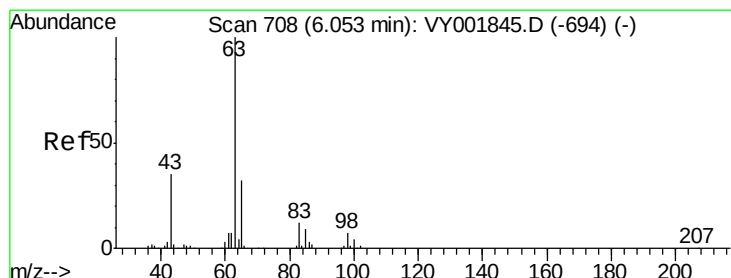
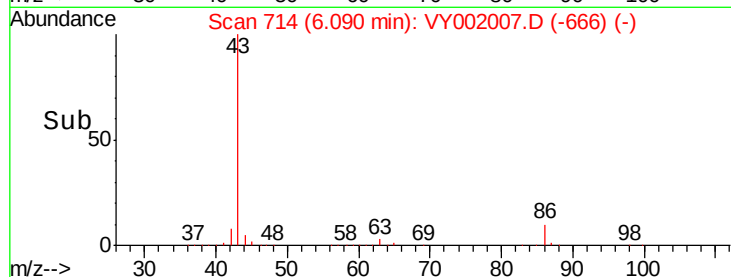
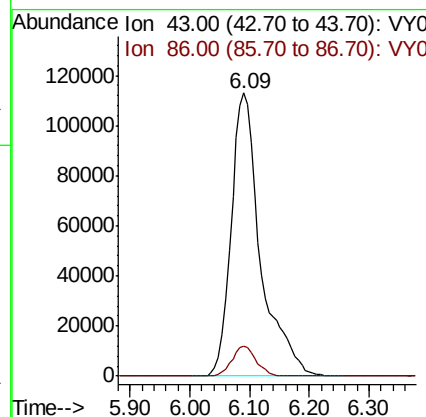
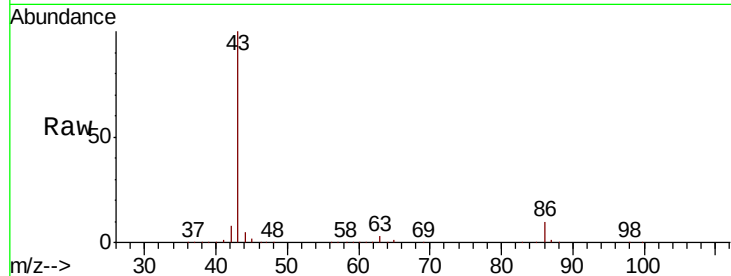




#23
 Vinyl Acetate
 Concen: 93.662 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

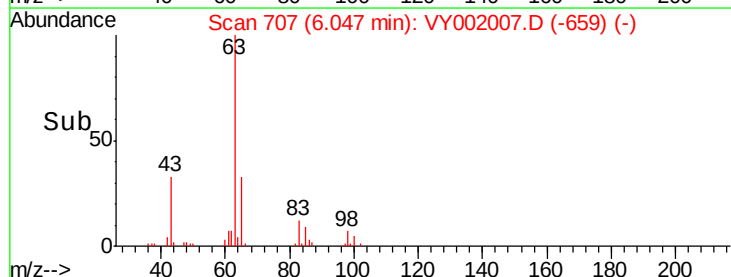
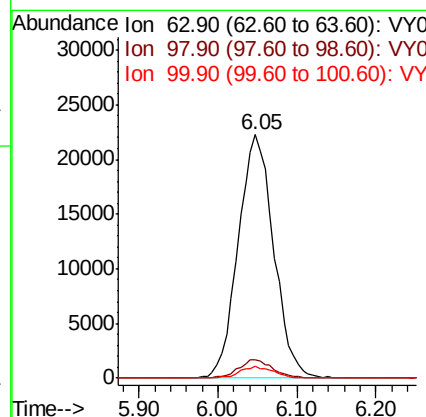
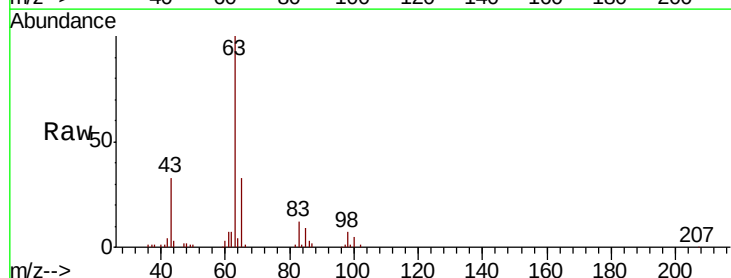
Instrument :
 MSVOA_Y
 ClientSampleId :

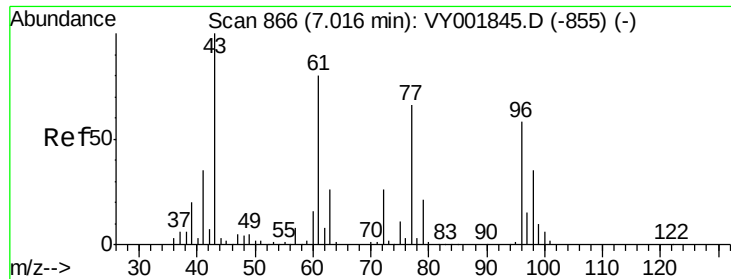
Tot Ion: 43 Resp: 386613
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.398 ug/l
 RT: 6.05 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion: 63 Resp: 69553
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 88.710 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

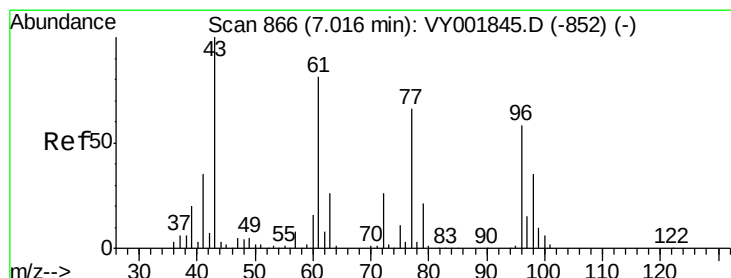
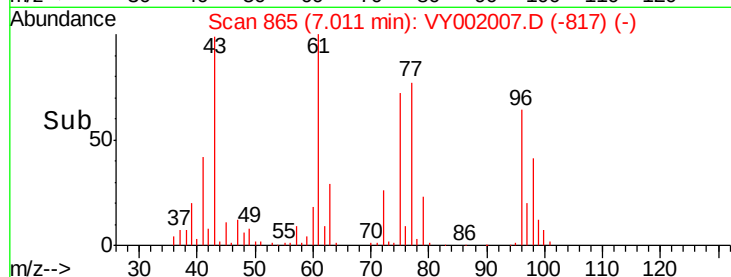
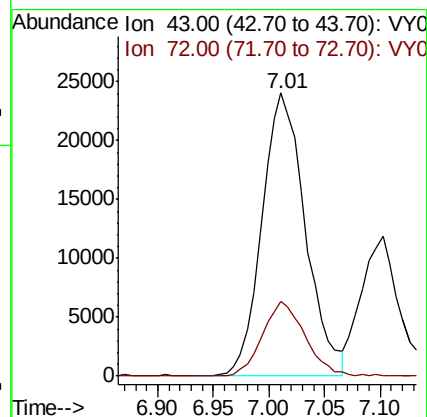
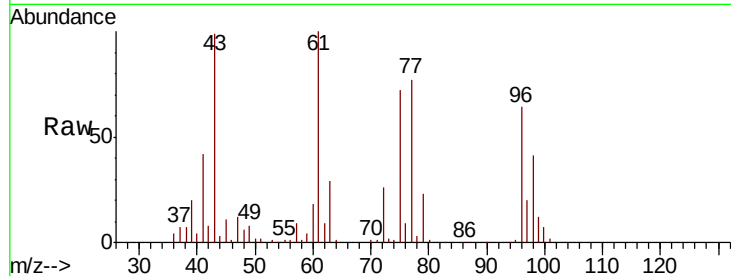
ClientSampled :

Tot Ion: 43 Resp: 65371

Ion Ratio Lower Upper

43 100

72 26.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.397 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002007.D

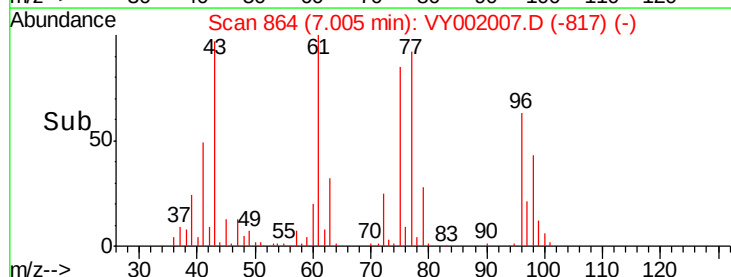
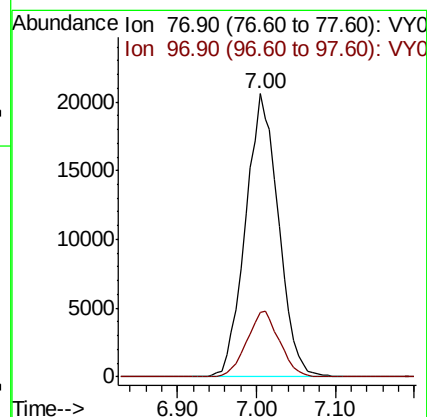
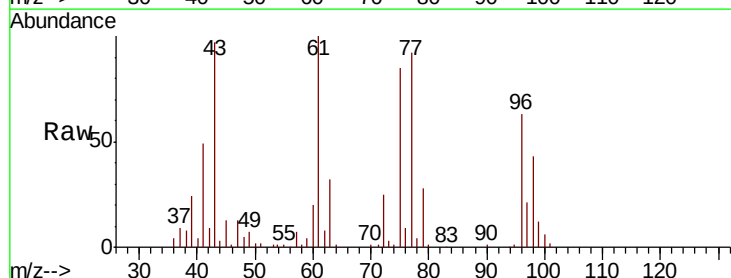
Acq: 18 Mar 2020 12:33

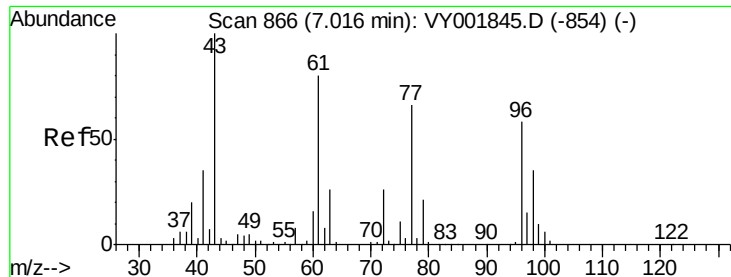
Tgt Ion: 77 Resp: 59883

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.7



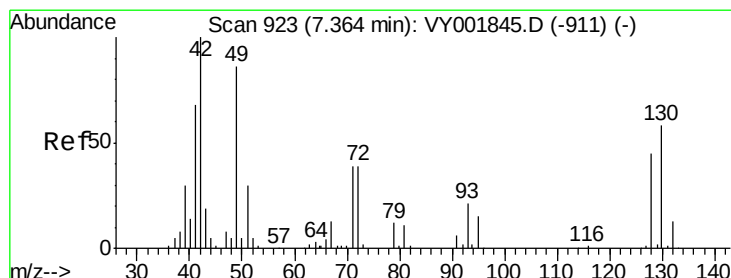
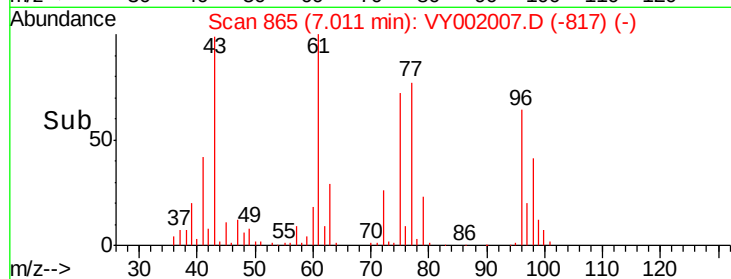
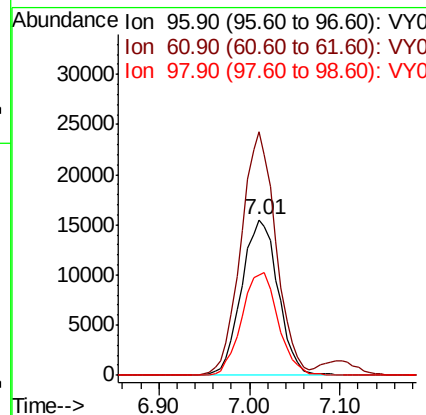
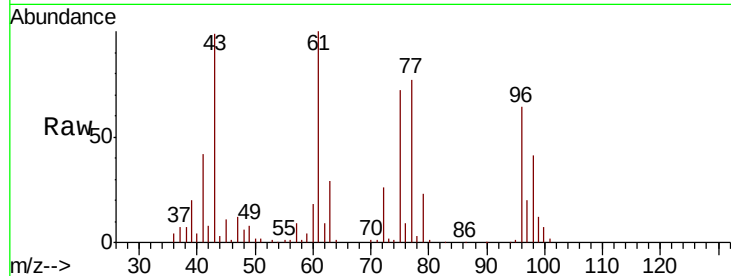


#27

cis-1,2-Dichloroethene
Concen: 20.207 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampled :

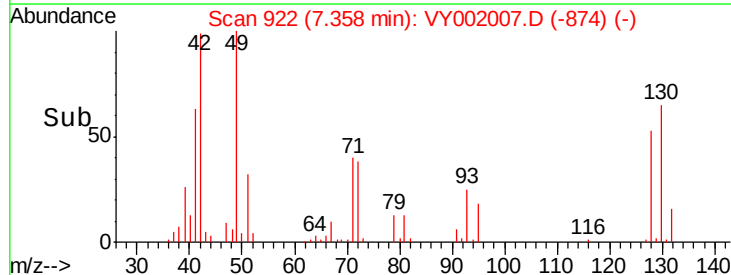
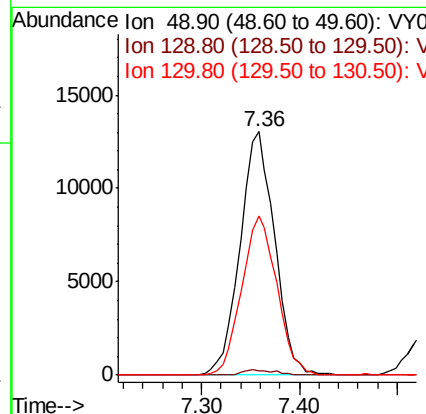
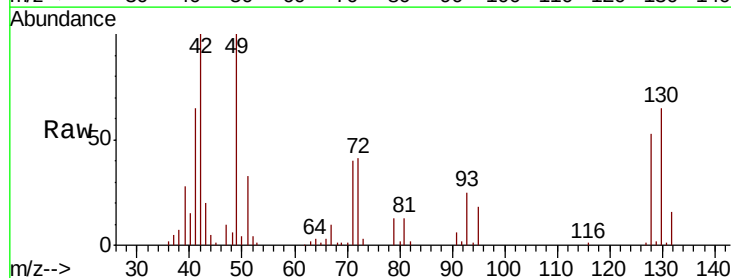
Tot Ion: 96 Resp: 43227
Ion Ratio Lower Upper
96 100
61 150.0 0.0 288.2
98 65.8 0.0 129.0

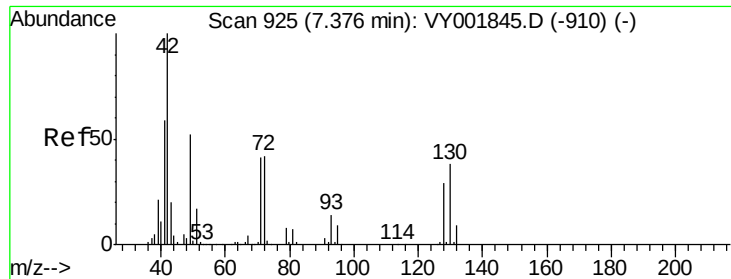


#28

Bromochloromethane
Concen: 20.813 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 49 Resp: 31988
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 66.2 54.4 81.6

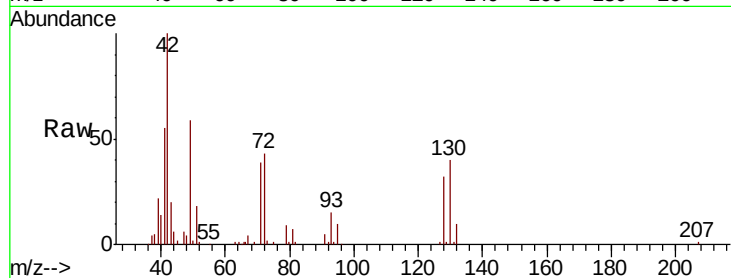




#29
Tetrahydrofuran
Concen: 86.541 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.5	50.3
71	38.6	31.3	46.9

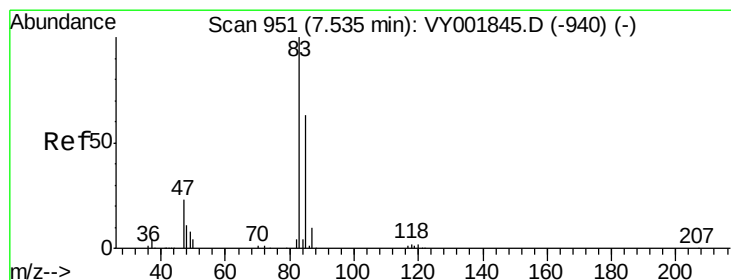
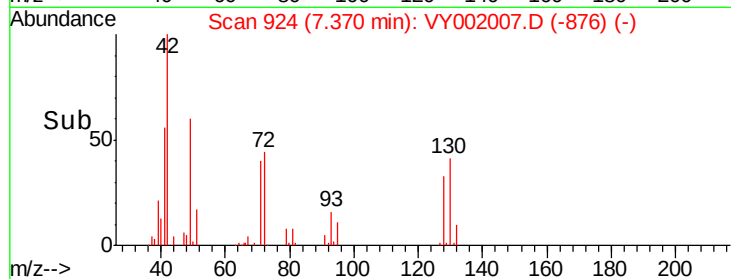
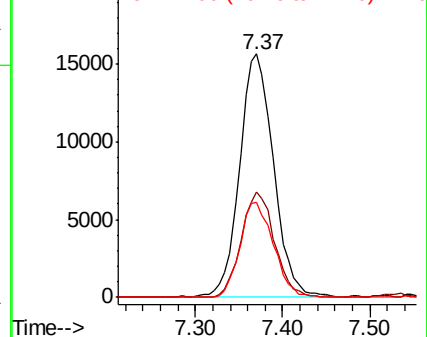


Abundance

Ion 42.00 (41.70 to 42.70): VY0

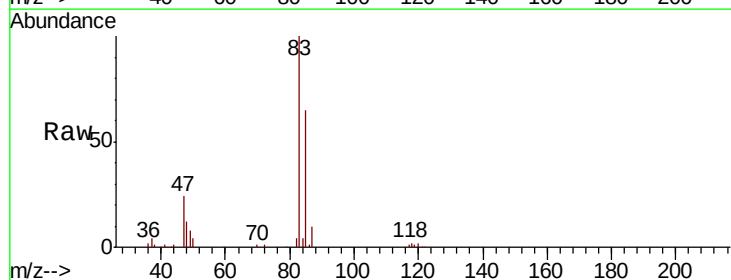
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30
Chloroform
Concen: 20.740 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

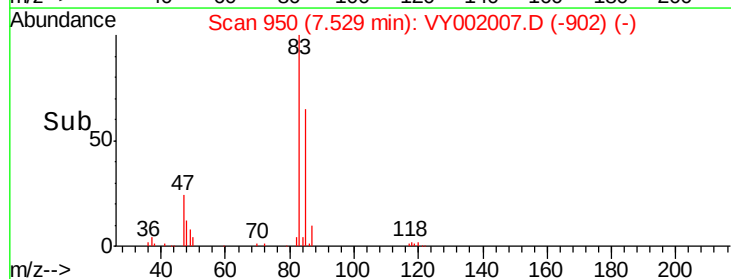
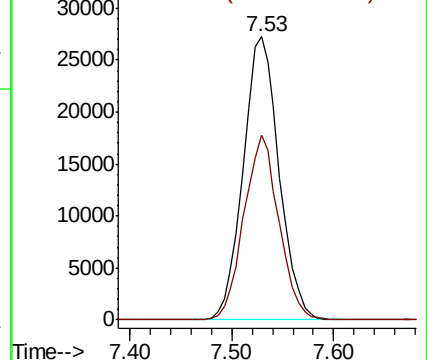
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1

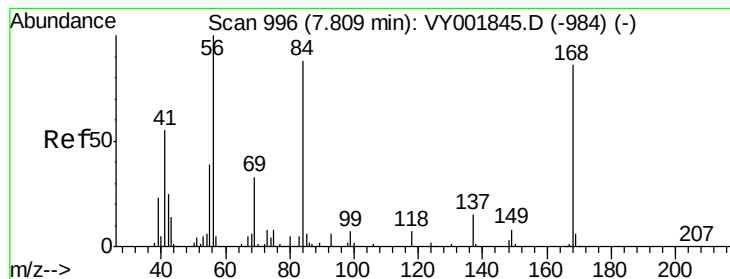


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.807 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

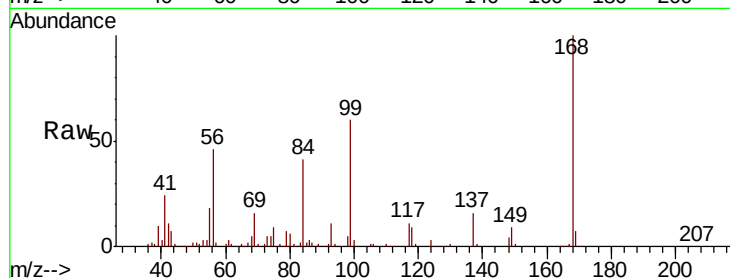
Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 72413

Ion	Ratio	Lower	Upper
56	100		
69	35.2	26.7	40.1
84	87.2	70.4	105.6

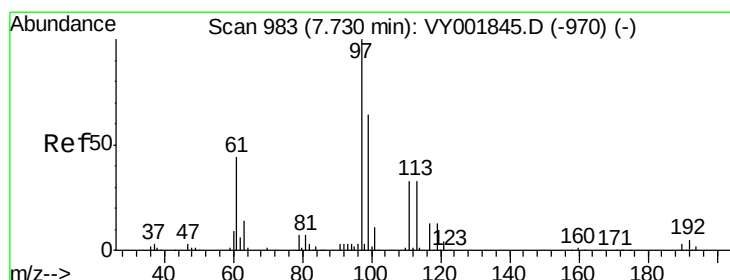
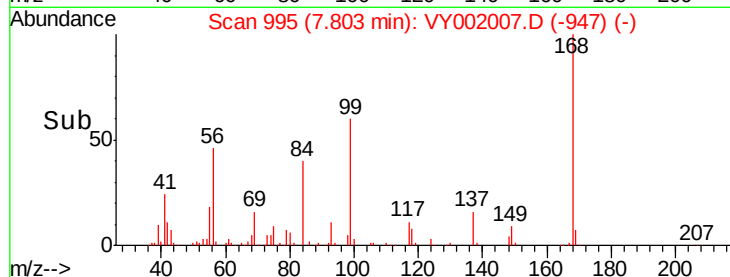
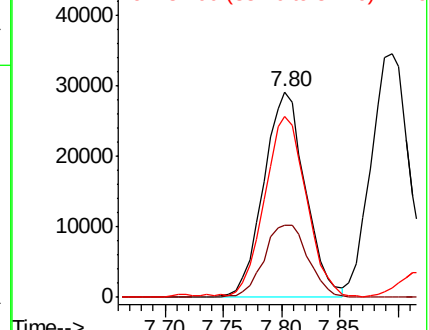


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.778 ug/l

RT: 7.72 min Scan# 981

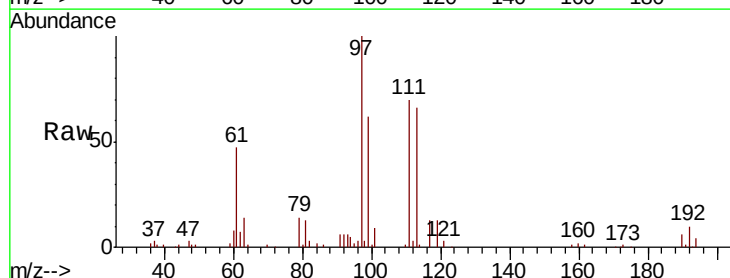
Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion: 97 Resp: 56103

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	45.8	35.0	52.4

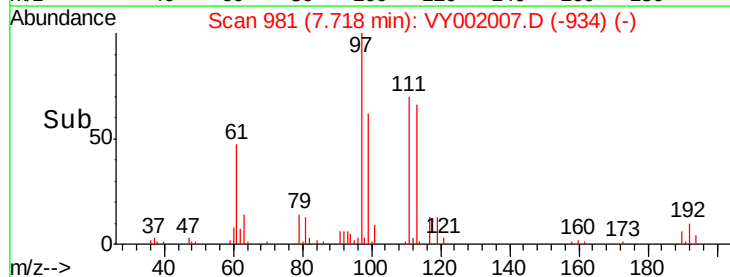
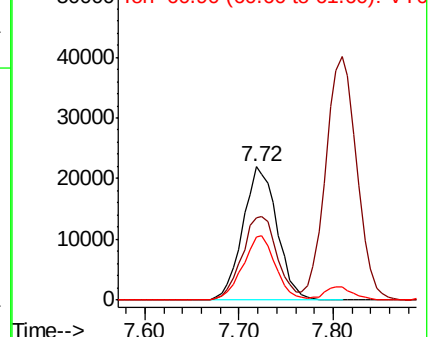


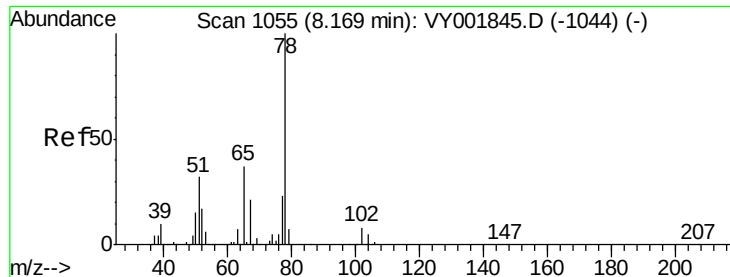
Abundance

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

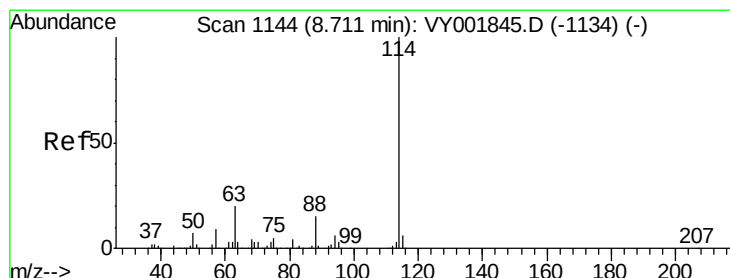
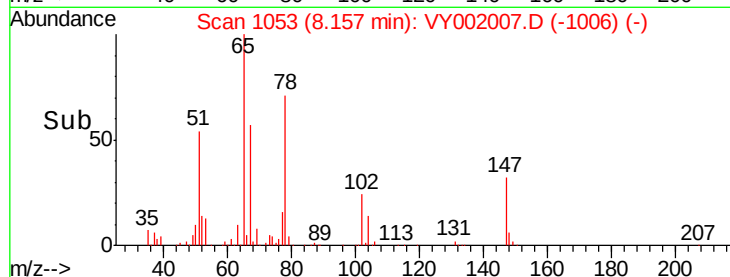
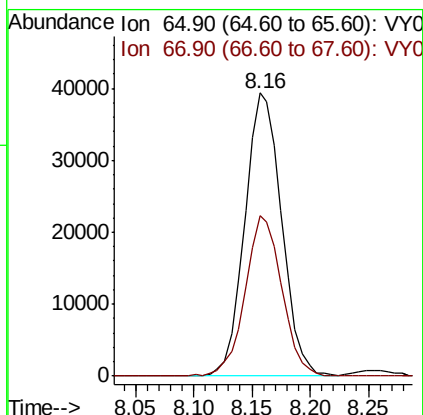
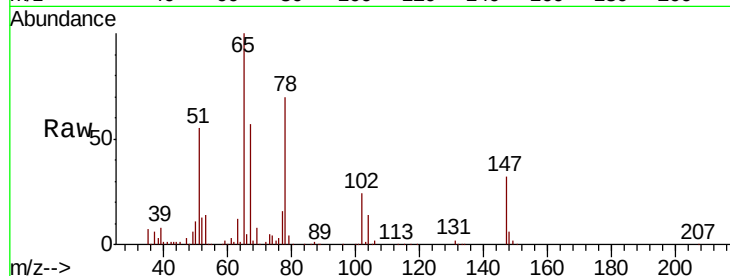




#33
 1,2-Dichloroethane-d4
 Concen: 52.150 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

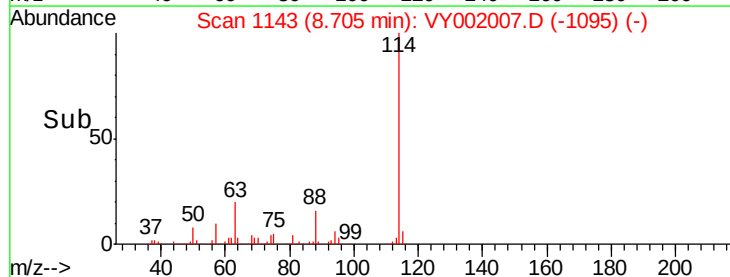
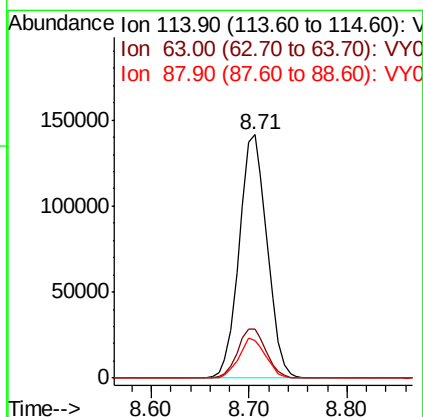
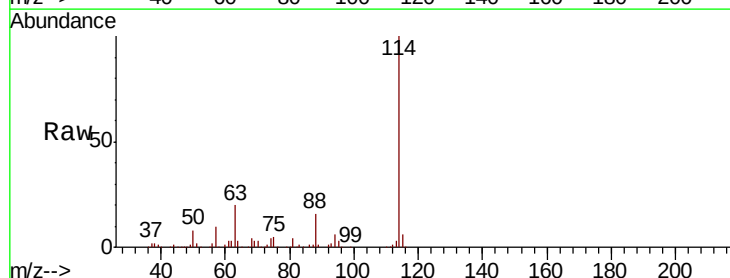
Instrument :
 MSVOA_Y
 ClientSampled :

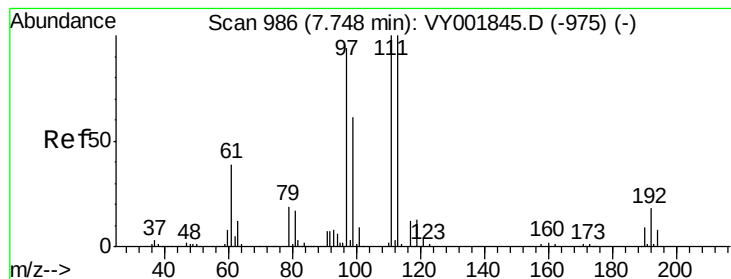
Tot Ion: 65 Resp: 86762
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion: 114 Resp: 278835
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.750 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

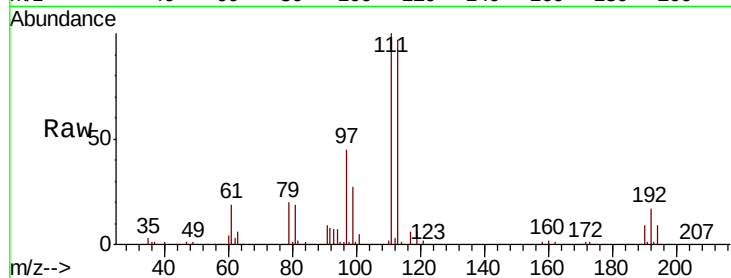
Tot Ion:113 Resp: 83360

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

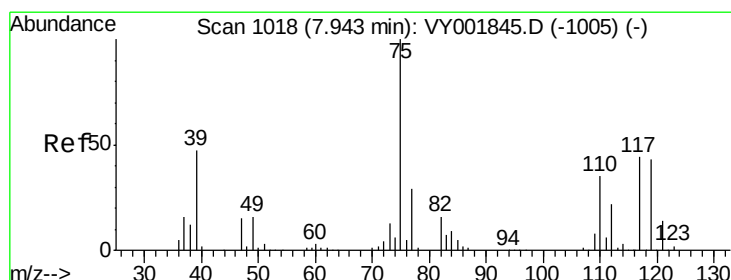
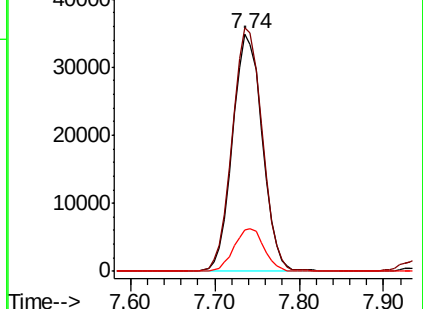
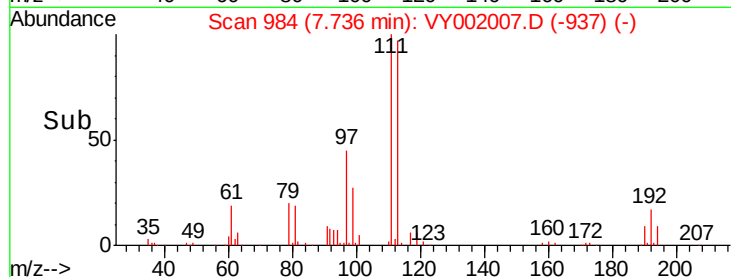
192 18.0 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.409 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

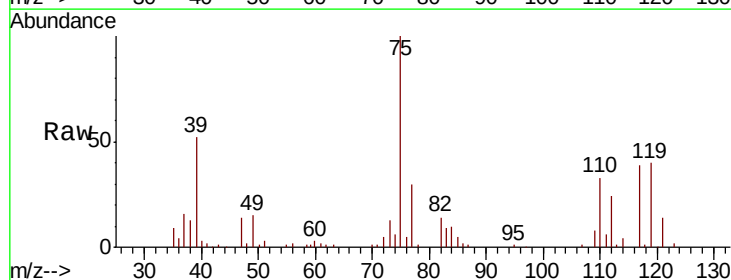
Tgt Ion: 75 Resp: 54761

Ion Ratio Lower Upper

75 100

110 34.4 17.4 52.2

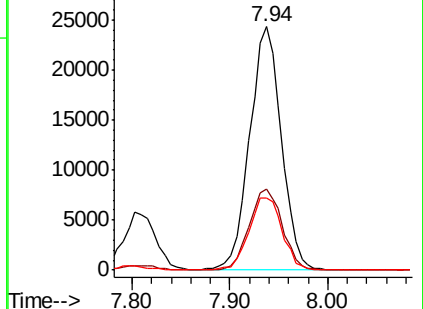
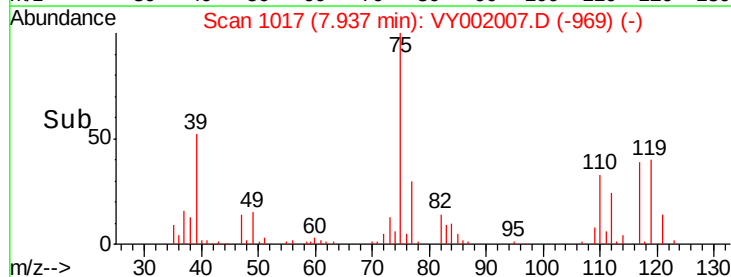
77 31.2 24.2 36.2

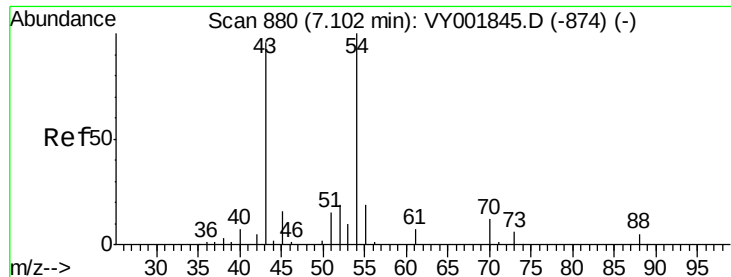


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

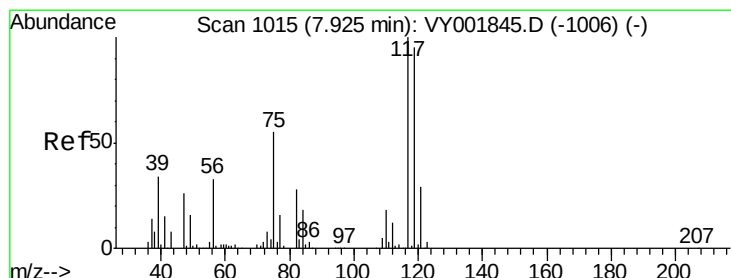
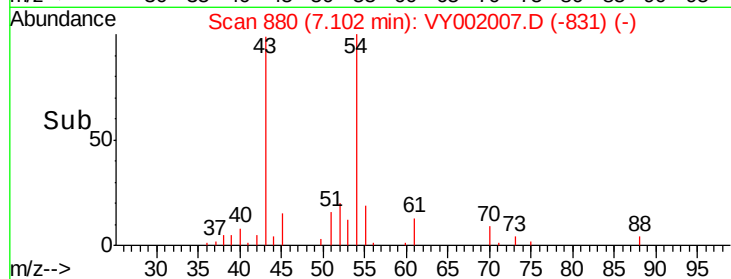
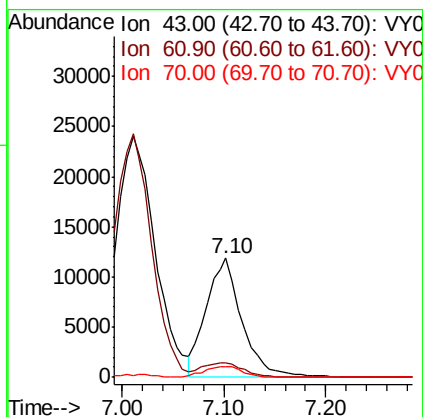
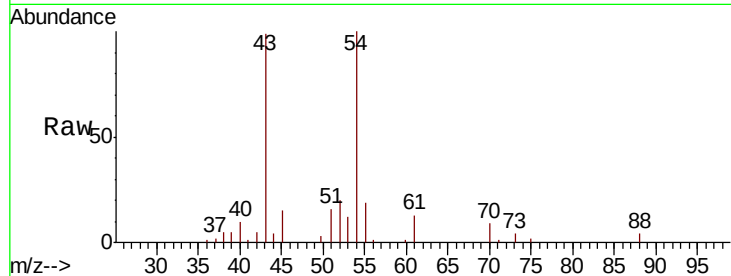




#37
Ethyl Acetate
Concen: 18.763 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

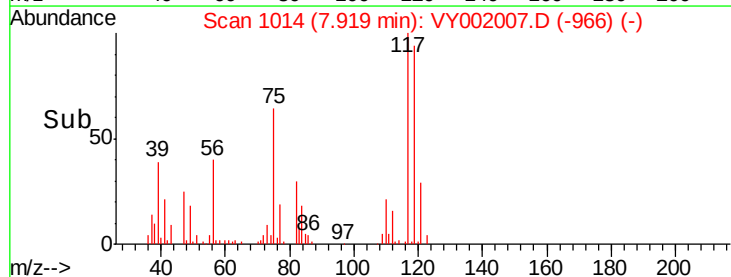
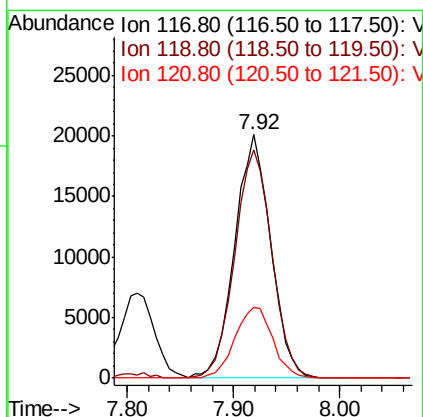
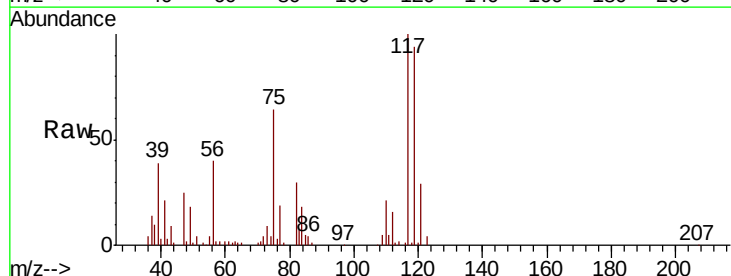
Instrument :
MSVOA_Y
ClientSampled :

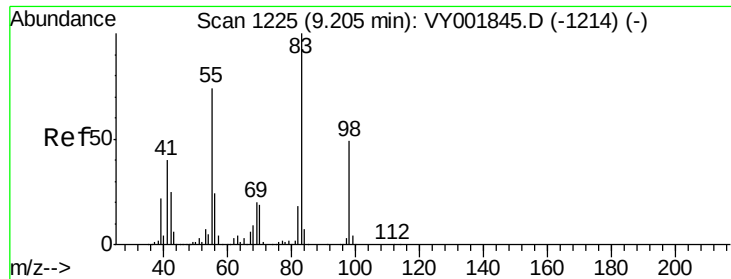
Tot Ion: 43 Resp: 29261
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 9.9 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.831 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 117 Resp: 47749
Ion Ratio Lower Upper
117 100
119 94.0 76.3 114.5
121 28.9 23.5 35.3

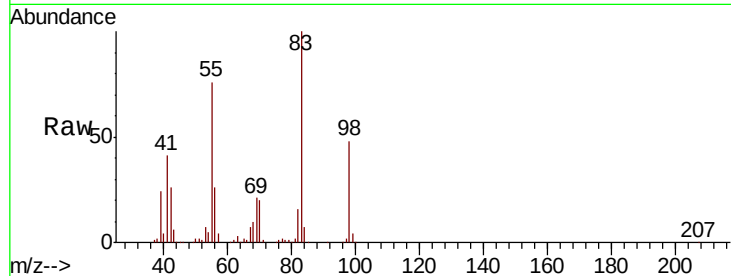




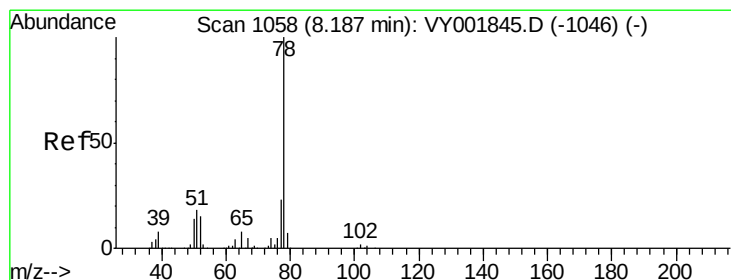
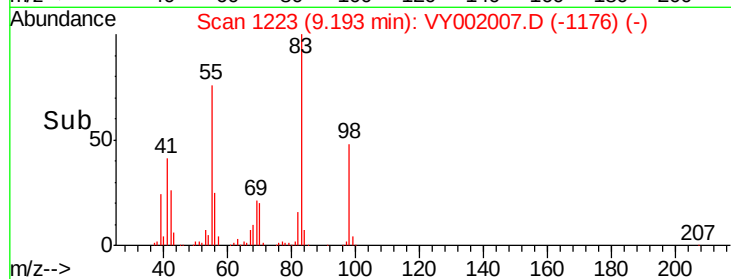
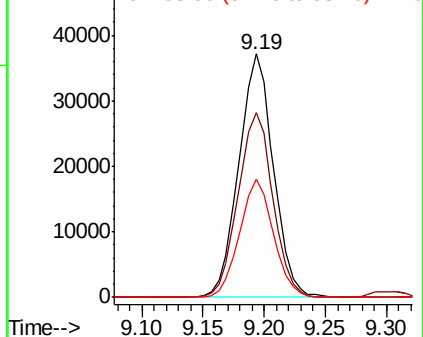
#39
Methylvlcyclohexane
Concen: 20.446 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 72763
Ion Ratio Lower Upper
83 100
55 76.1 59.4 89.0
98 48.4 38.9 58.3

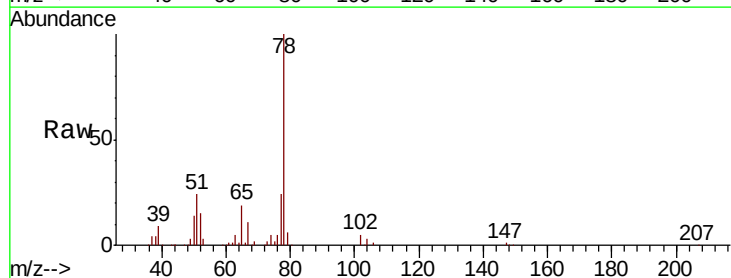


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

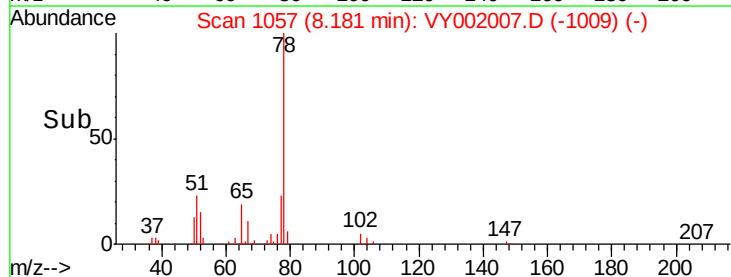
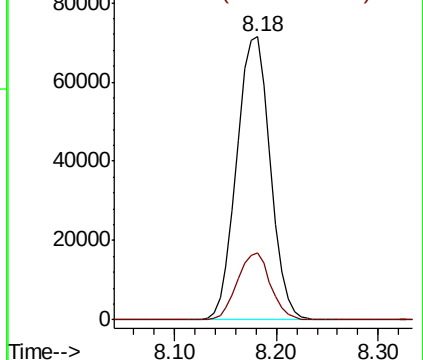


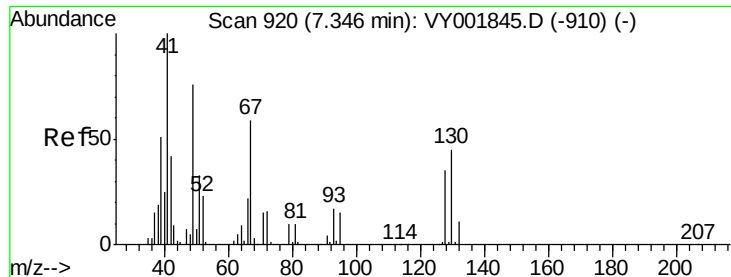
#40
Benzene
Concen: 20.563 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 78 Resp: 163539
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



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

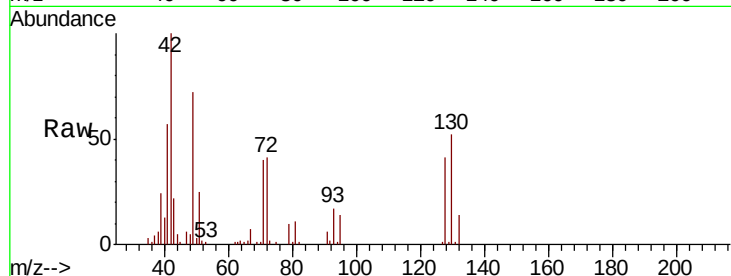




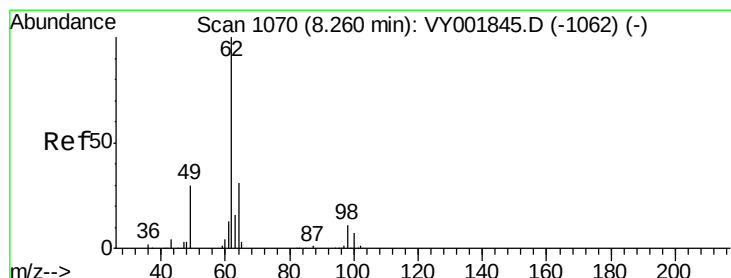
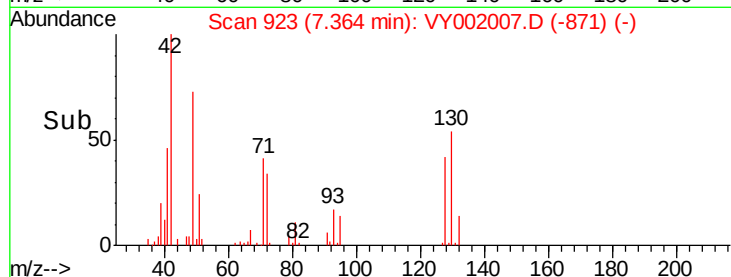
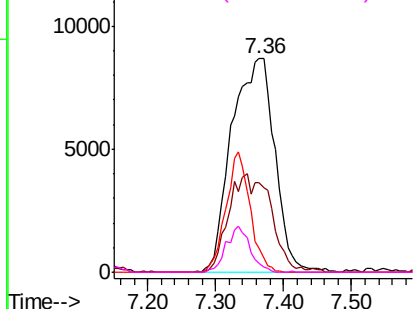
#41
Methacrylonitrile
Concen: 54.346 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 38142
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

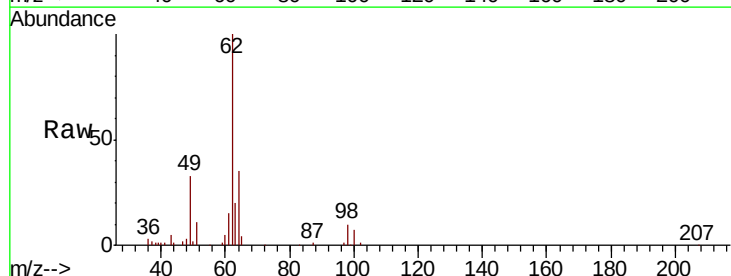


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

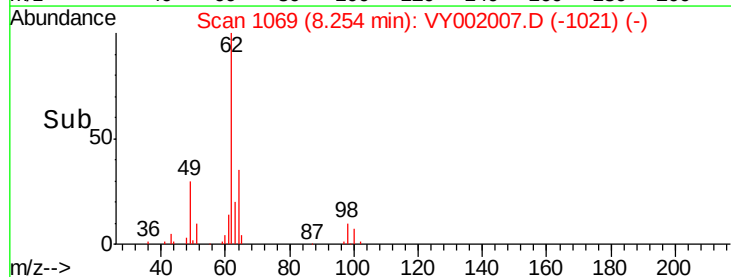
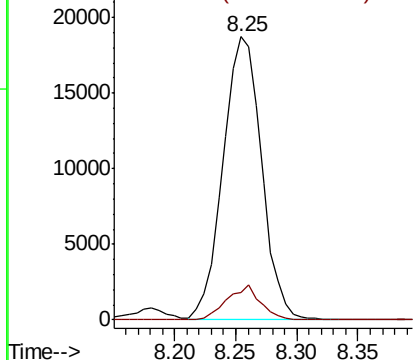


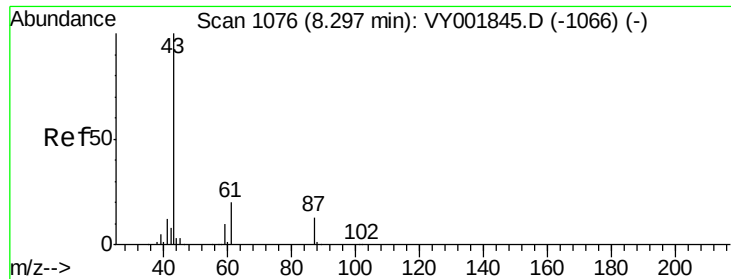
#42
1,2-Dichloroethane
Concen: 19.962 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 62 Resp: 40910
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 18.251 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

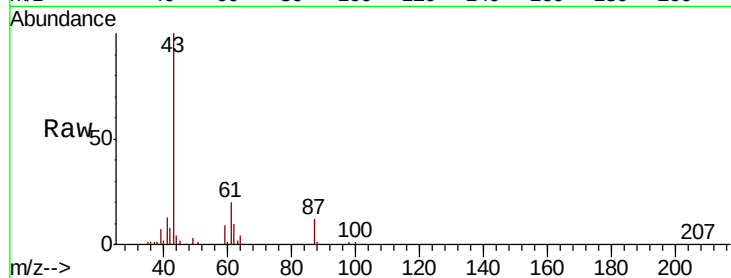
Tot Ion: 43 Resp: 53889

Ion Ratio Lower Upper

43 100

61 29.8 23.8 35.6

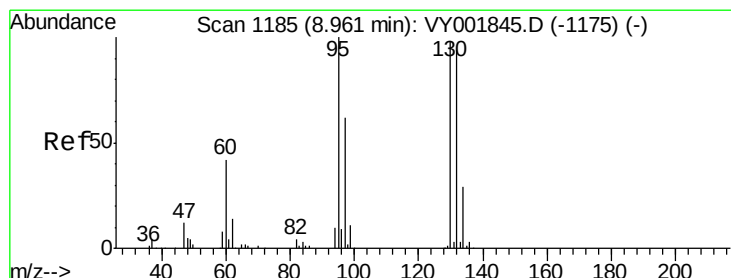
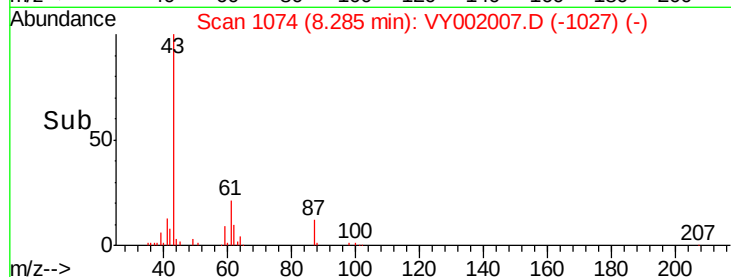
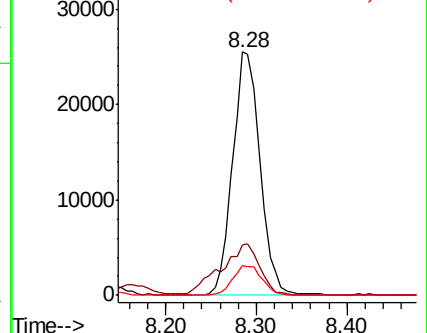
87 12.8 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)



#44

Trichloroethene

Concen: 20.518 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002007.D

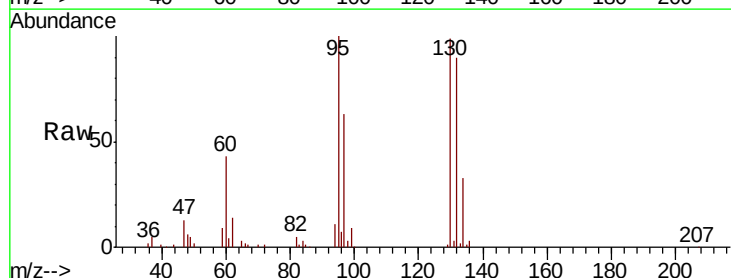
Acq: 18 Mar 2020 12:33

Tgt Ion:130 Resp: 39742

Ion Ratio Lower Upper

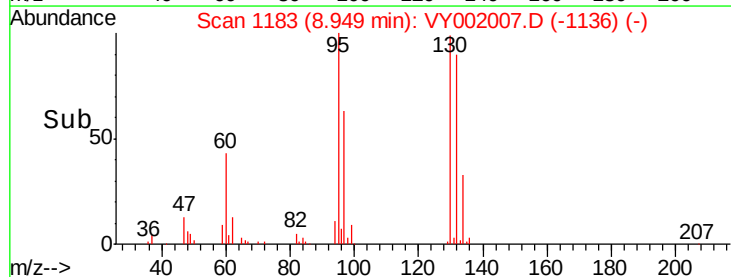
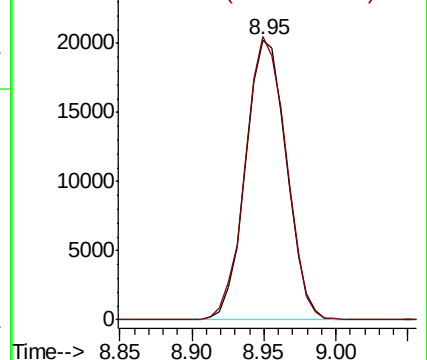
130 100

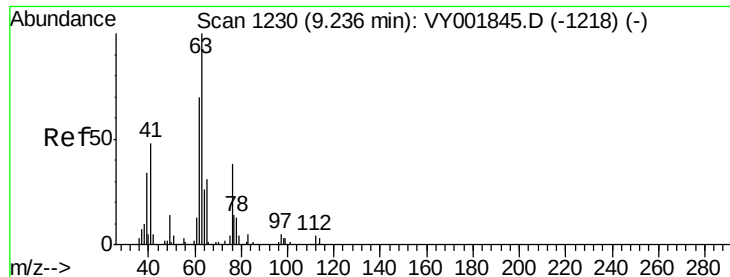
95 101.1 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001845.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001845.D (-1175) (-)





#45

1,2-Dichloropropane

Concen: 20.607 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

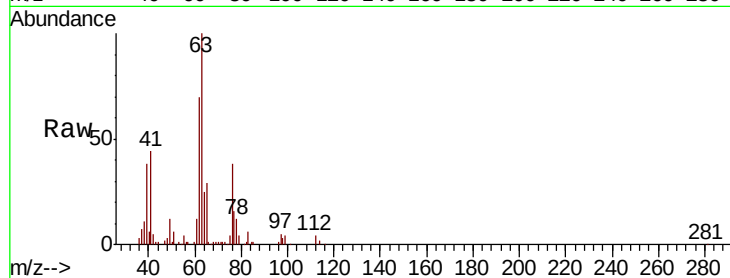
ClientSampleId :

Tot Ion: 63 Resp: 41199

Ion Ratio Lower Upper

63 100

65 28.5 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.23

20000

15000

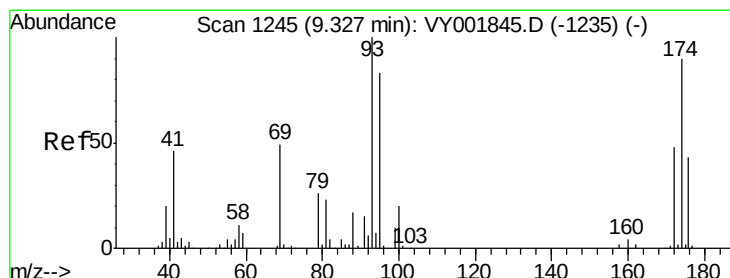
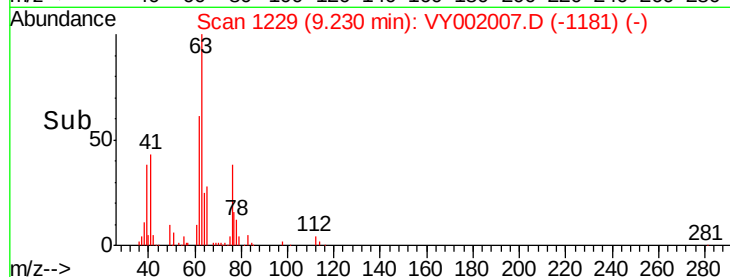
10000

5000

0

Time-->

9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 19.400 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

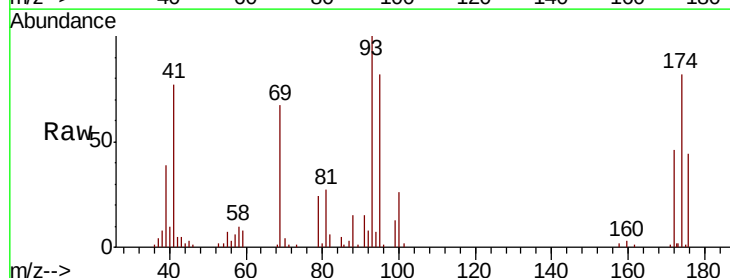
Tgt Ion: 93 Resp: 19987

Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.4

174 88.4 71.8 107.8



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

15000

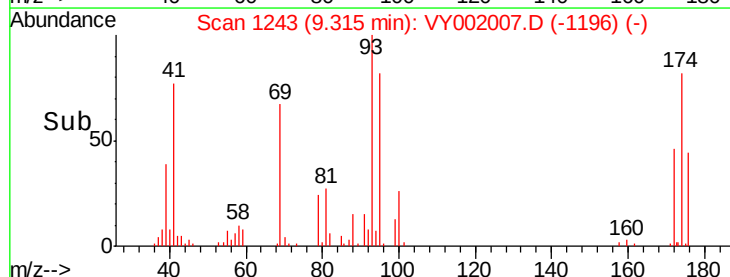
10000

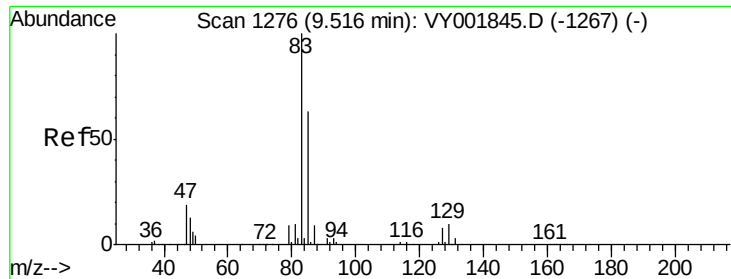
5000

0

Time-->

9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 20.344 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

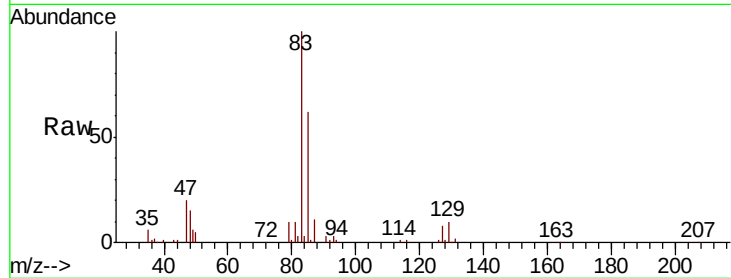
Tot Ion: 83 Resp: 48758

Ion Ratio Lower Upper

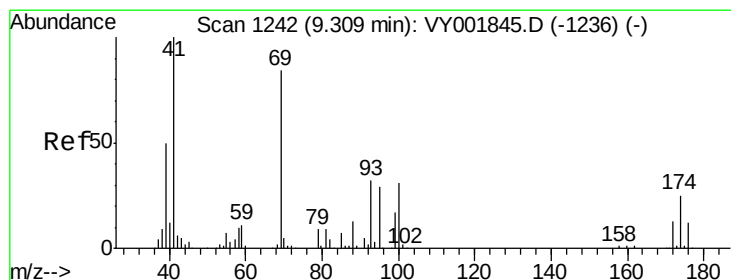
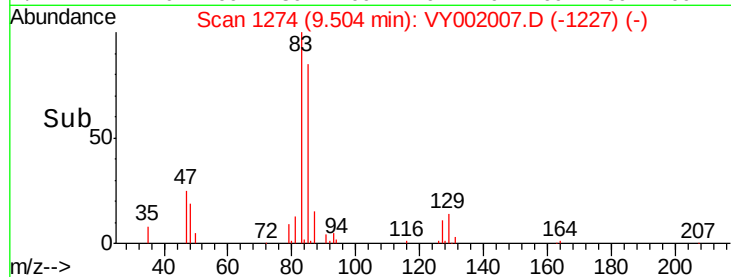
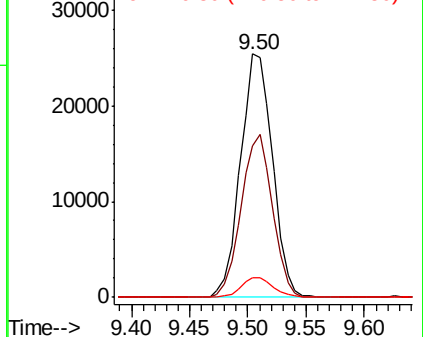
83 100

85 62.3 50.6 76.0

127 7.9 6.2 9.4



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



#48

Methyl methacrylate

Concen: 17.961 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

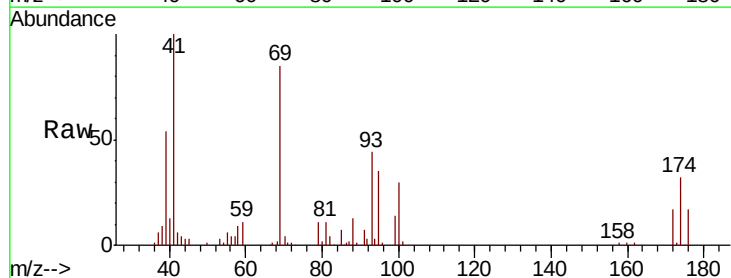
Tgt Ion: 41 Resp: 23532

Ion Ratio Lower Upper

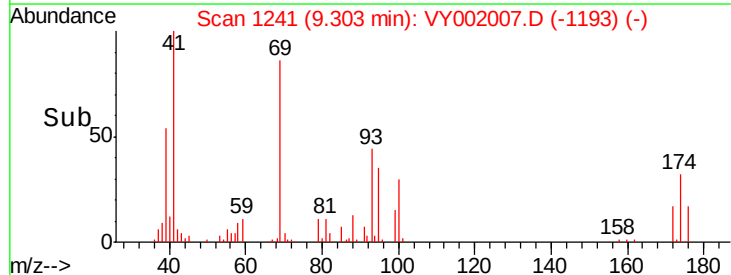
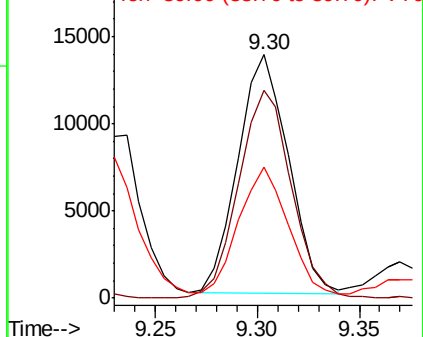
41 100

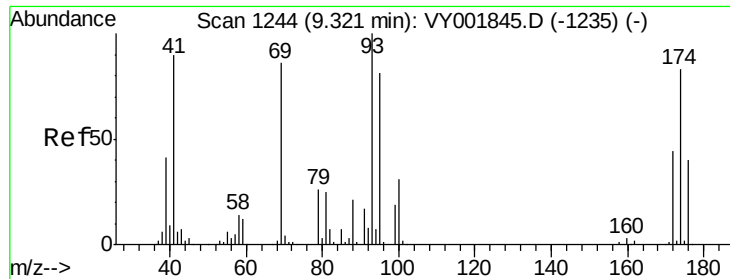
69 91.3 69.0 103.6

39 51.9 39.1 58.7



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

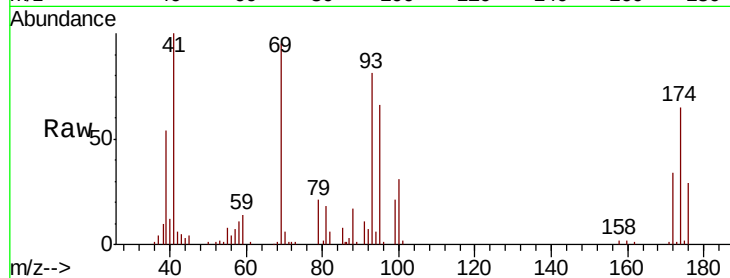




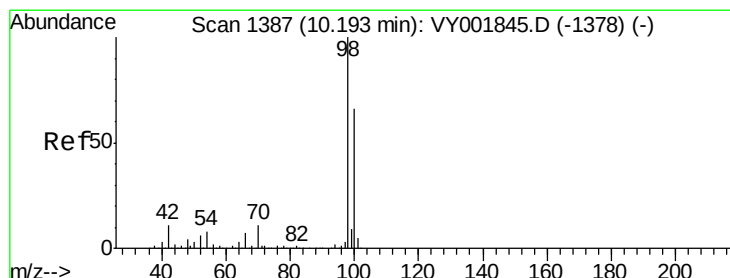
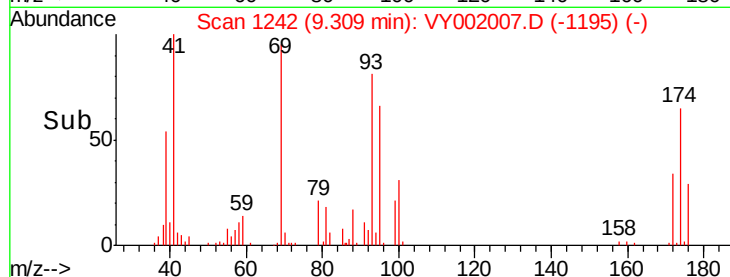
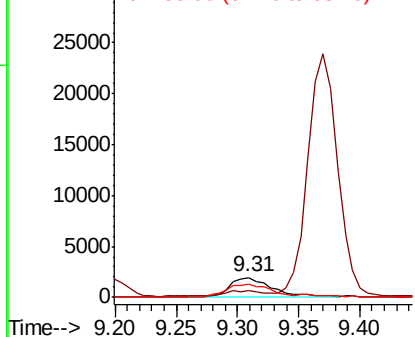
#49
 1,4-Dioxane
 Concen: 339.937 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 4799
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.0 37.6#
 58 78.5 58.9 88.3

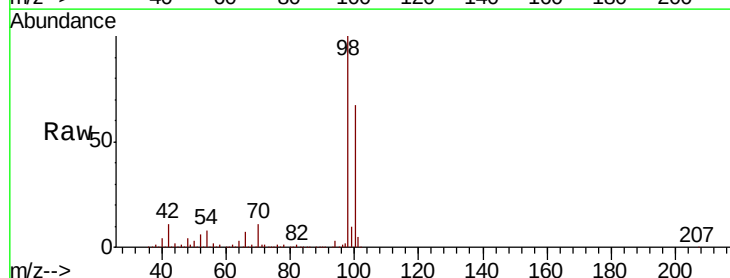


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

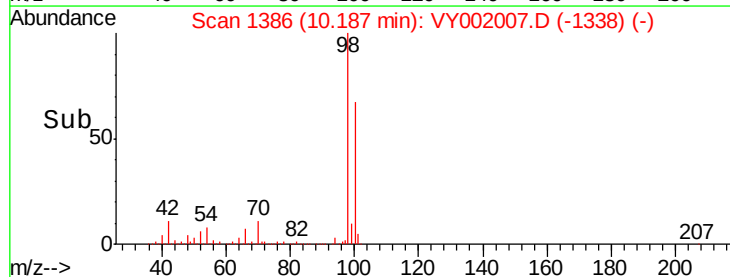
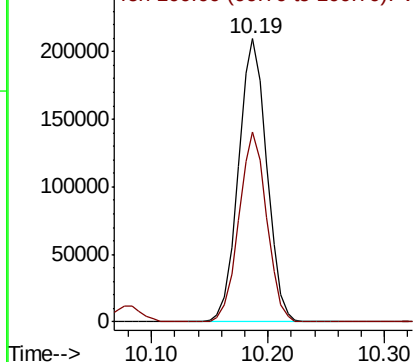


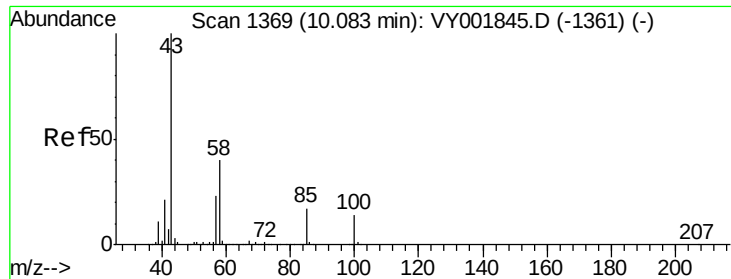
#50
 Toluene-d8
 Concen: 55.301 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion: 98 Resp: 355057
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.0 79.4



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

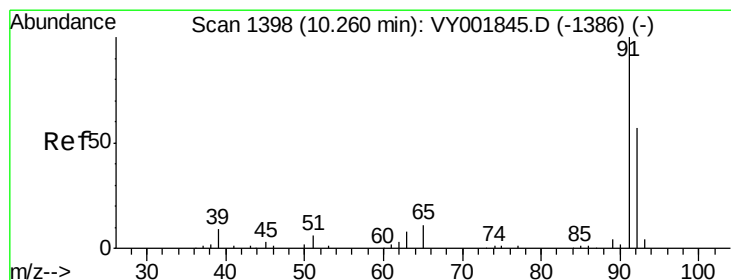
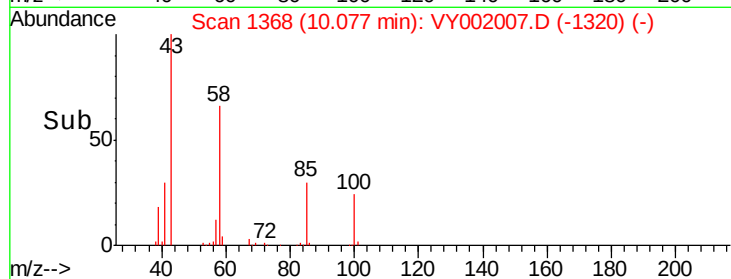
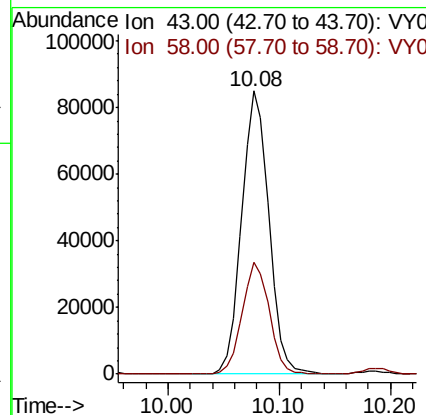
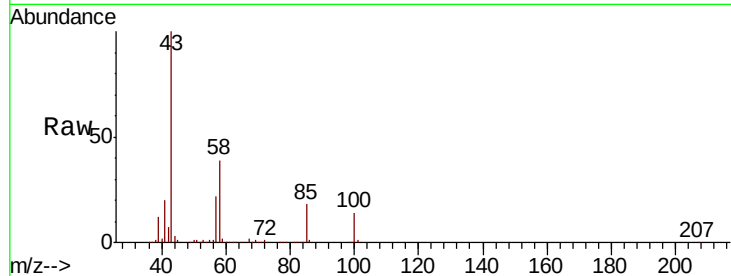




#51
4-Methyl-2-Pentanone
Concen: 94.508 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

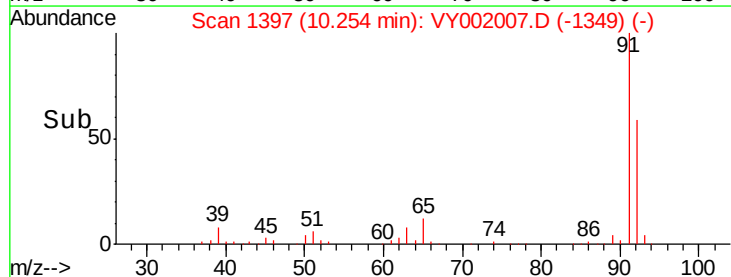
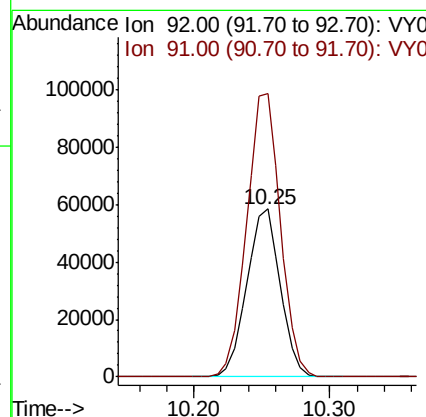
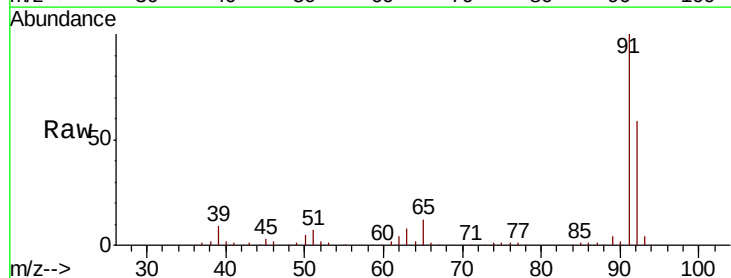
Instrument :
MSVOA_Y
ClientSampleId :

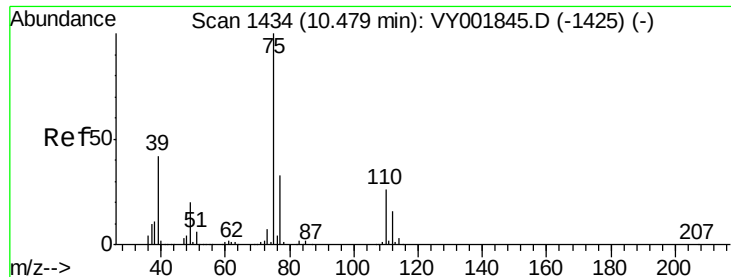
Tot Ion: 43 Resp: 143727
Ion Ratio Lower Upper
43 100
58 39.5 32.0 48.0



#52
Toluene
Concen: 20.792 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 92 Resp: 100456
Ion Ratio Lower Upper
92 100
91 170.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.308 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

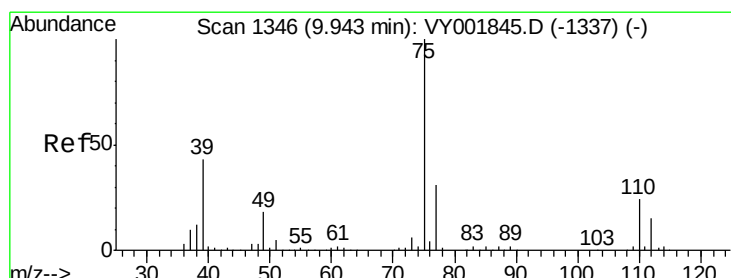
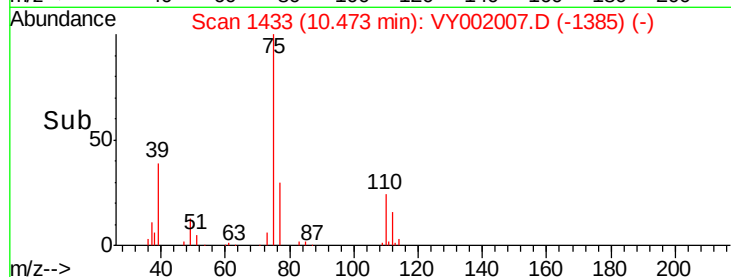
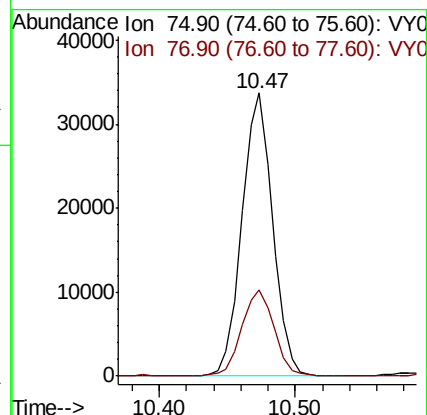
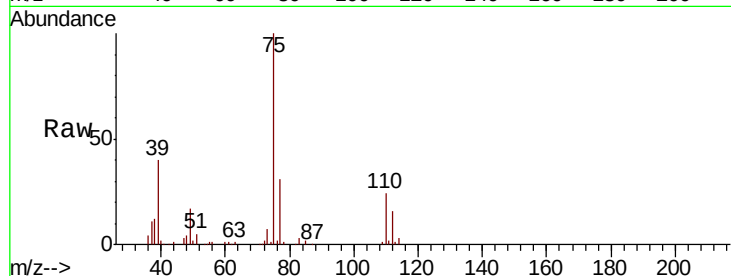
ClientSampleId :

Tot Ion: 75 Resp: 53027

Ion Ratio Lower Upper

75 100

77 30.6 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.411 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

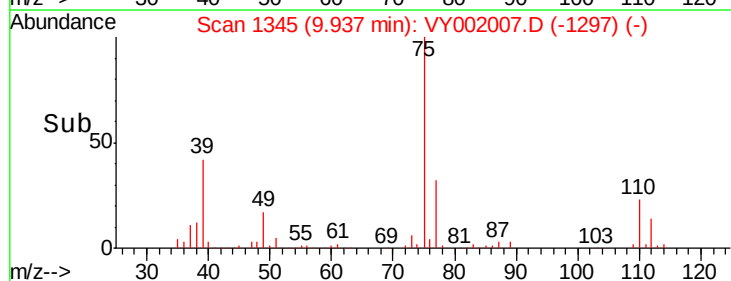
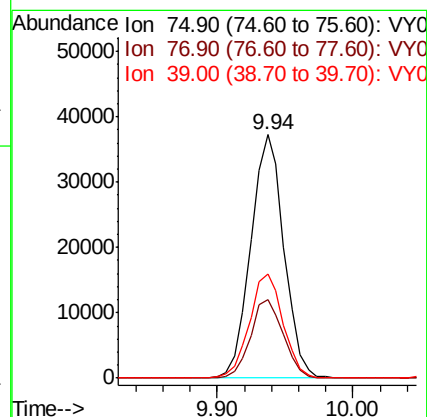
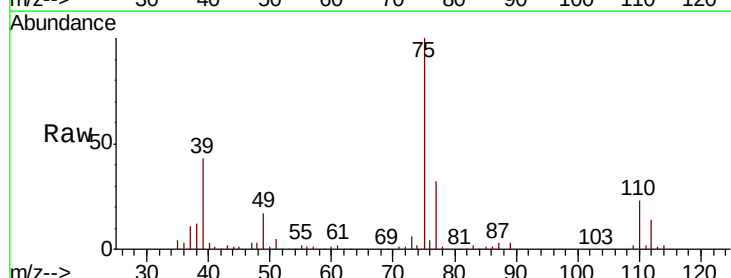
Tgt Ion: 75 Resp: 63446

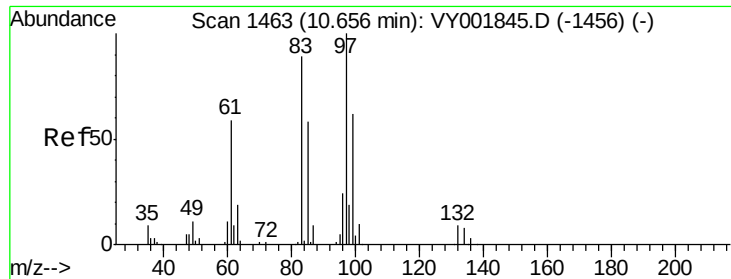
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 42.7 34.7 52.1

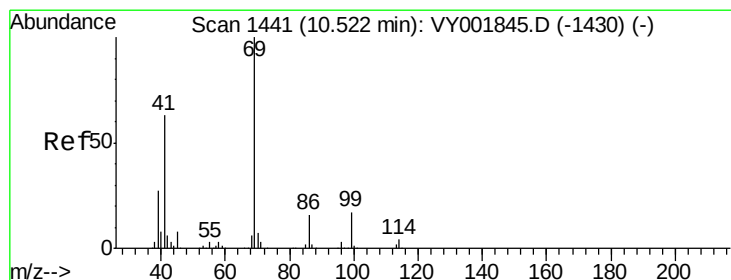
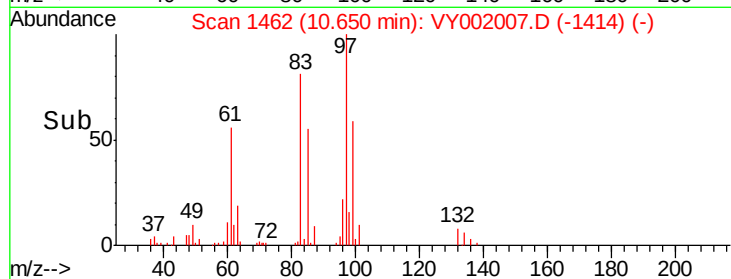
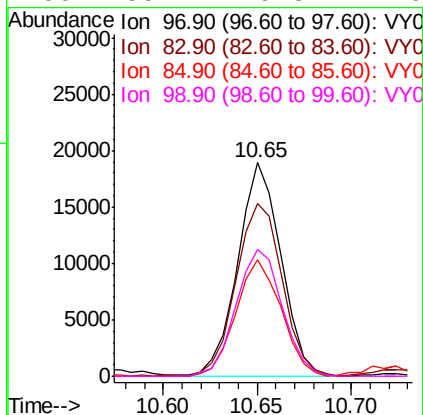
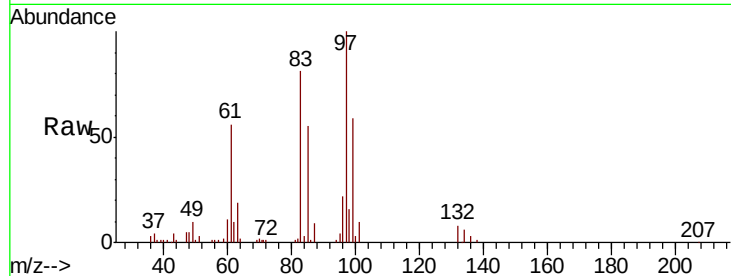




#55
 1,1,2-Trichloroethane
 Concen: 19.946 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

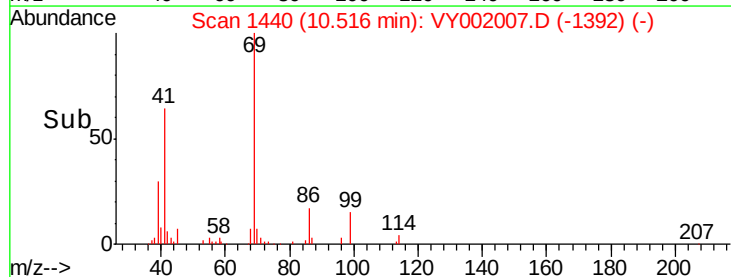
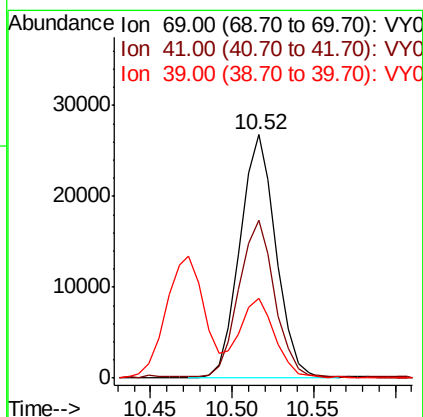
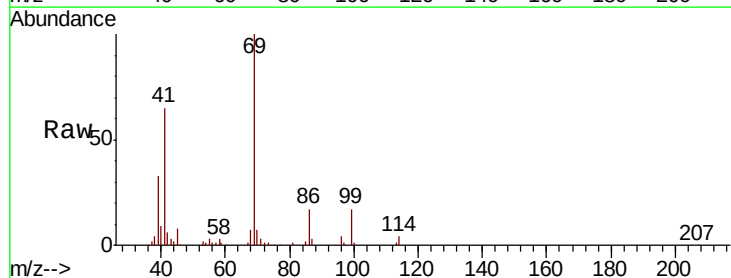
Instrument :
 MSVOA_Y
 ClientSampleId :

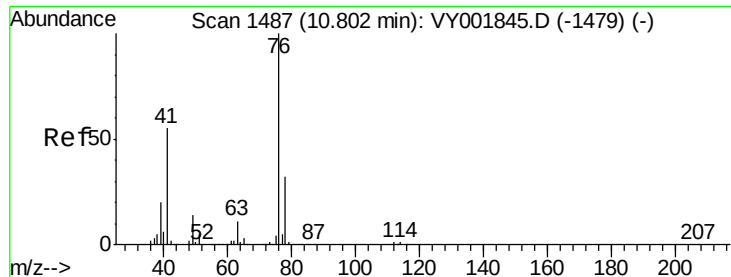
Tot Ion:	97	Resp:	30074
Ion	Ratio	Lower	Upper
97	100		
83	81.0	71.6	107.4
85	54.8	46.6	69.8
99	59.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.636 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion:	69	Resp:	41186
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.9	74.9
39	33.1	23.0	34.6





#57

1,3-Dichloropropane

Concen: 19.632 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

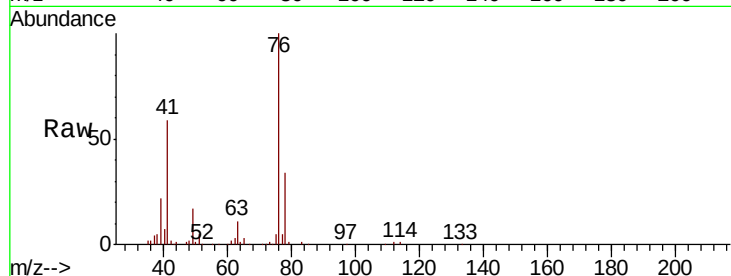
ClientSampleId :

Tot Ion: 76 Resp: 52765

Ion Ratio Lower Upper

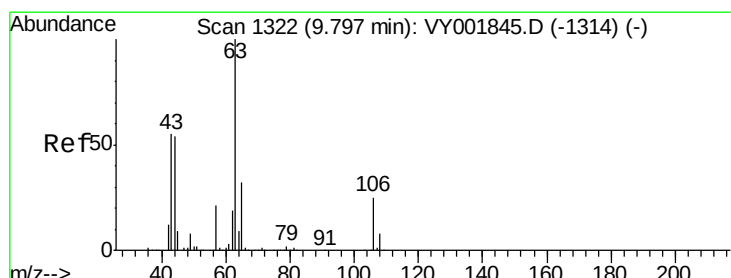
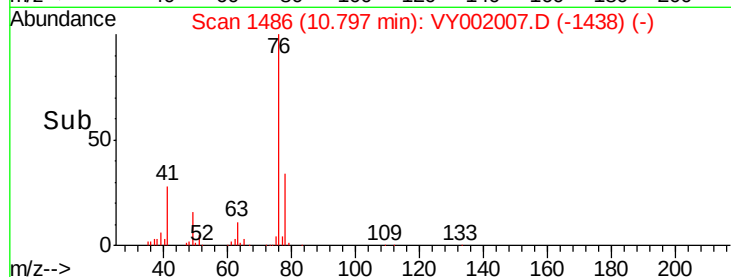
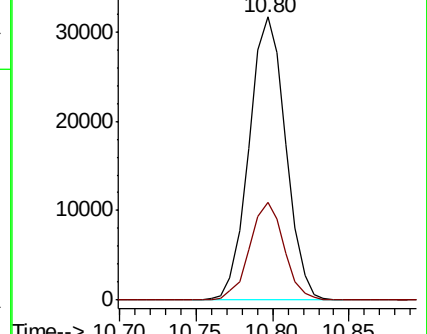
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 133.030 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002007.D

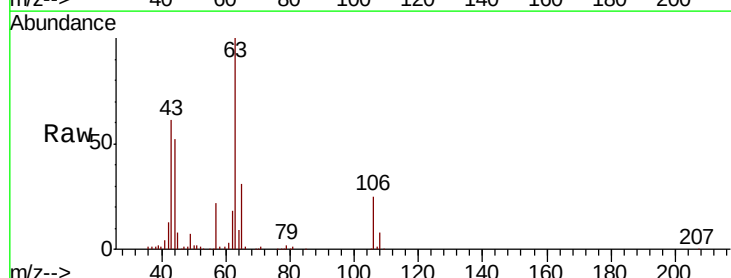
Acq: 18 Mar 2020 12:33

Tgt Ion: 63 Resp: 114397

Ion Ratio Lower Upper

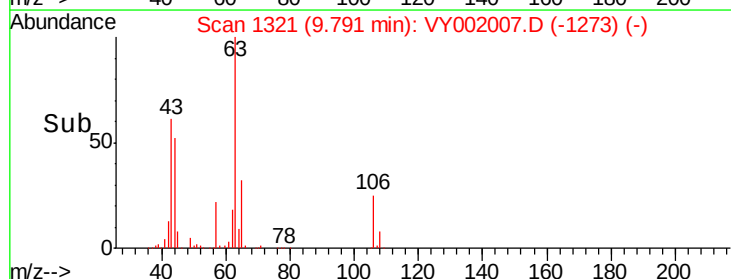
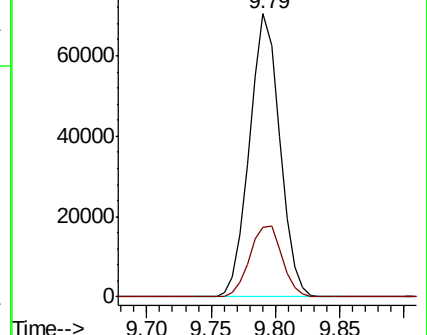
63 100

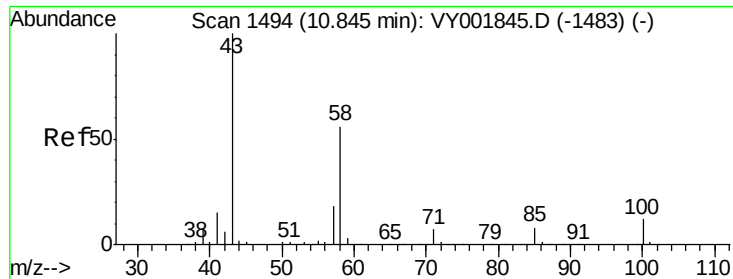
106 26.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

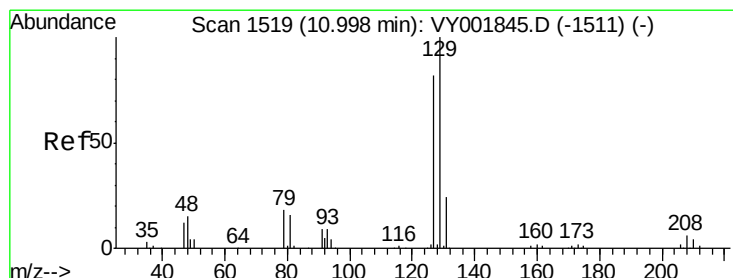
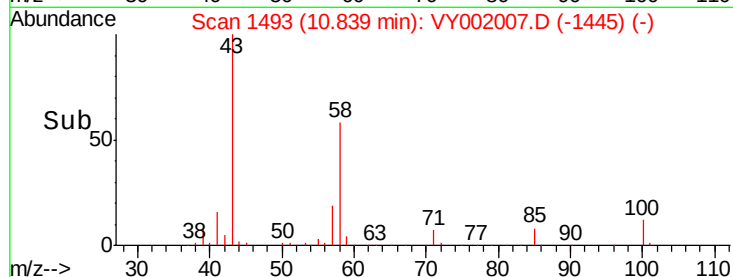
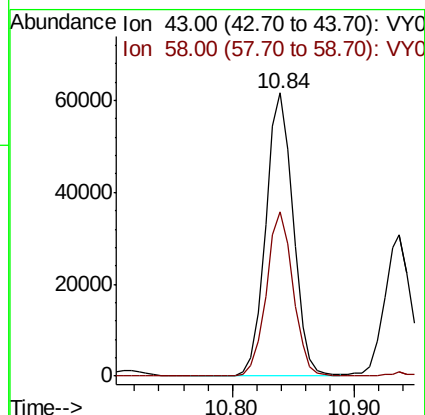
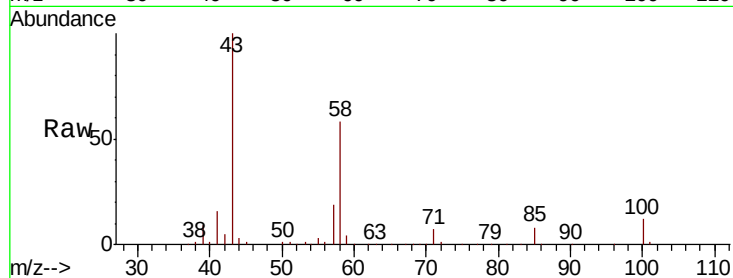




#59
2-Hexanone
Concen: 88.694 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

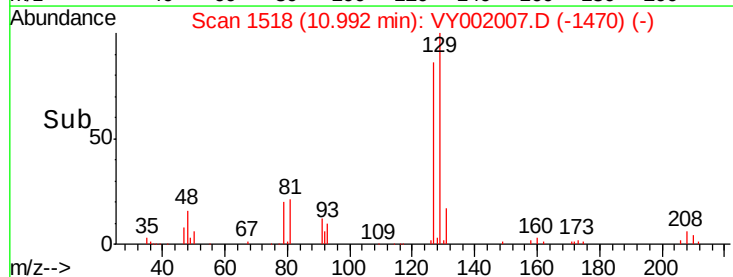
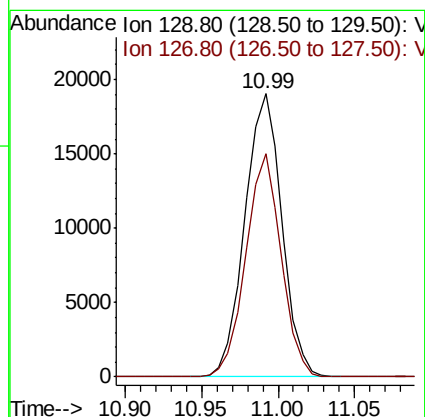
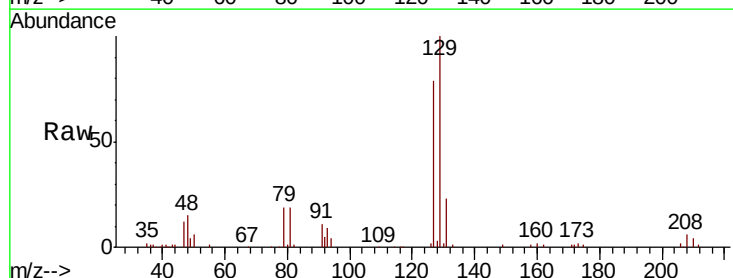
Instrument :
MSVOA_Y
ClientSampleId :

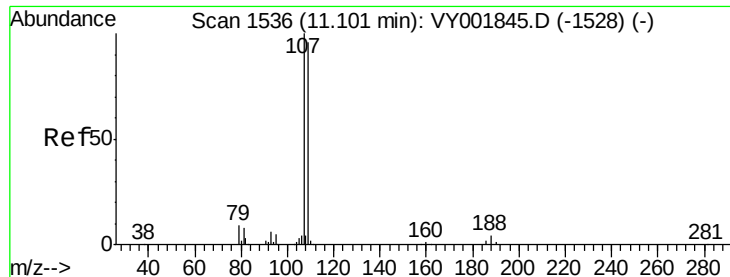
Tot Ion: 43 Resp: 96274
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.155 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion: 129 Resp: 32023
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0

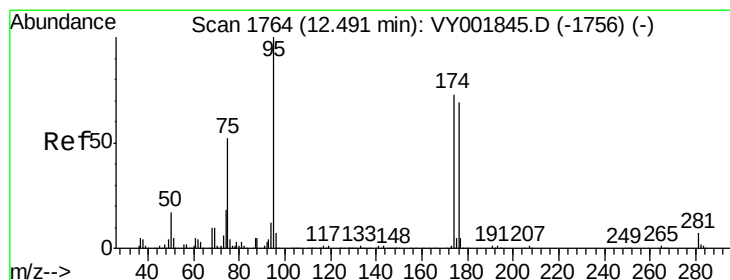
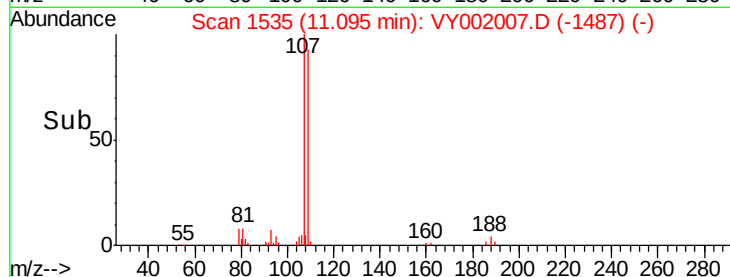
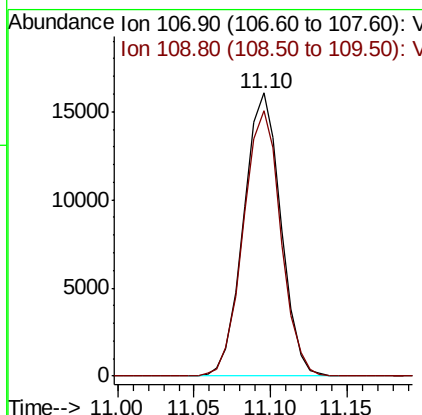
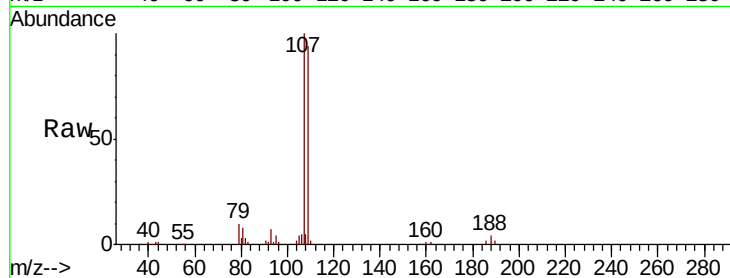




#61
 1,2-Dibromoethane
 Concen: 18.985 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

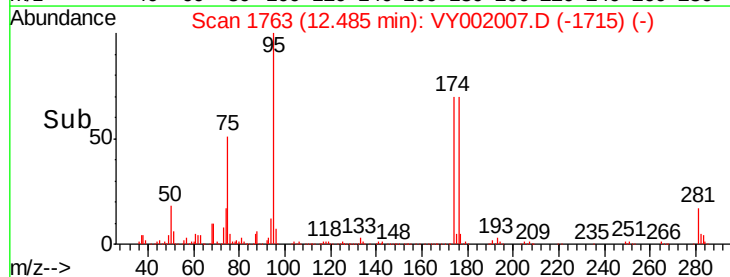
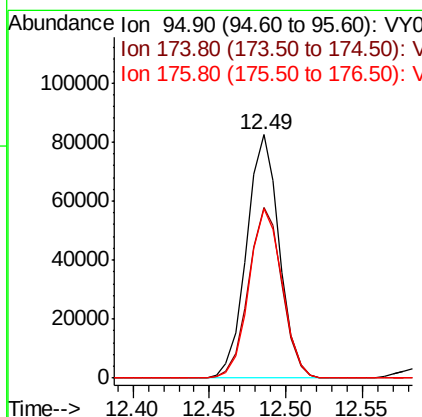
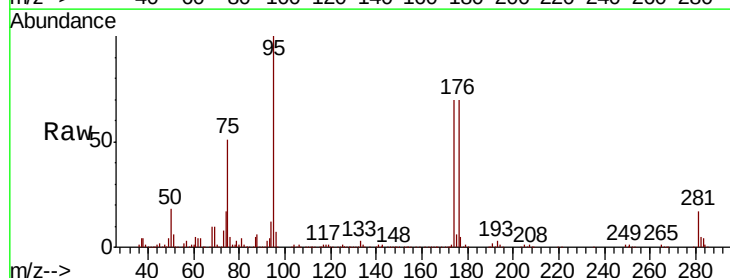
Instrument :
 MSVOA_Y
 ClientSampleId :

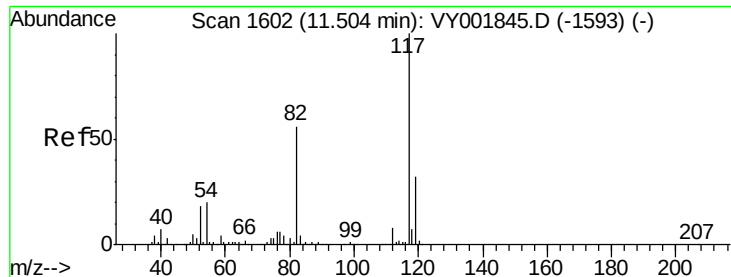
Tot Ion: 107 Resp: 27116
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 54.711 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion: 95 Resp: 122139
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 145.0
 176 70.9 0.0 137.4

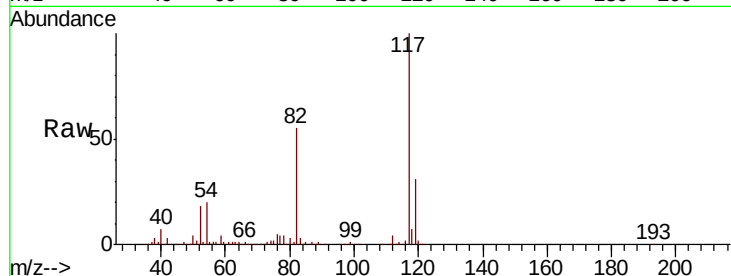




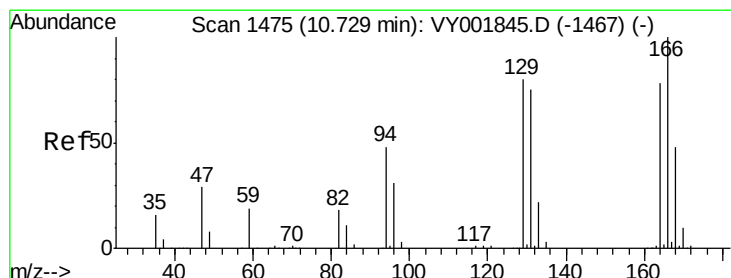
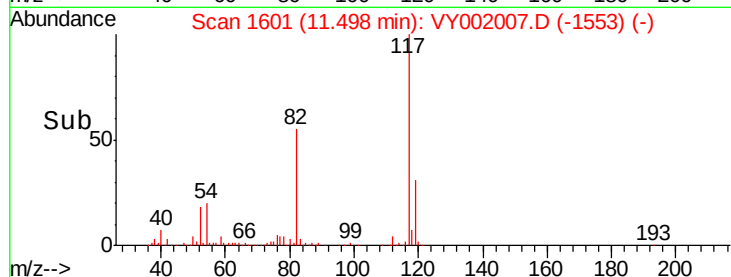
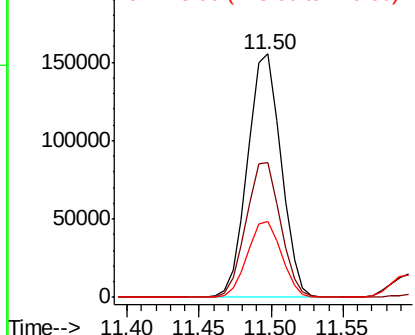
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 250424
Ion Ratio Lower Upper
117 100
82 55.4 44.5 66.7
119 31.1 25.7 38.5

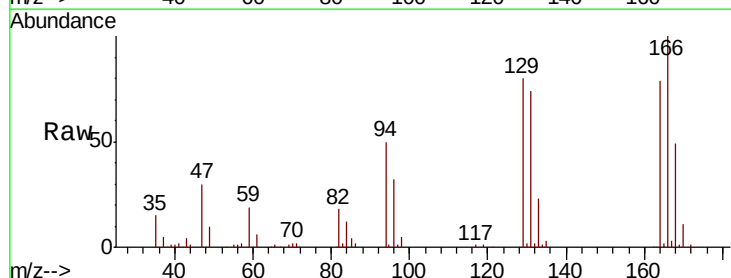


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

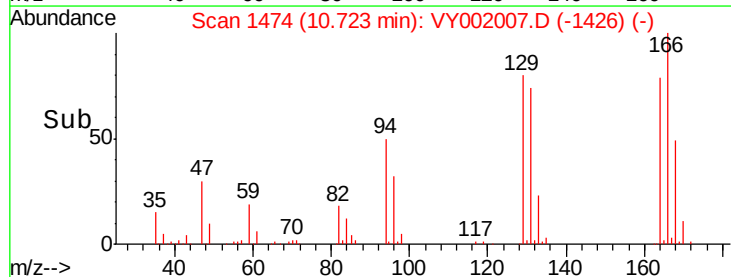
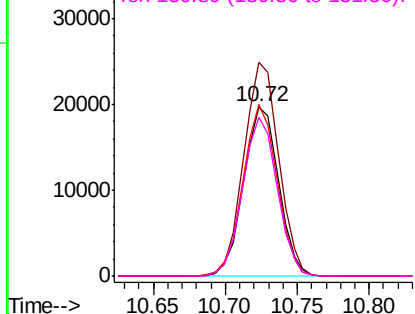


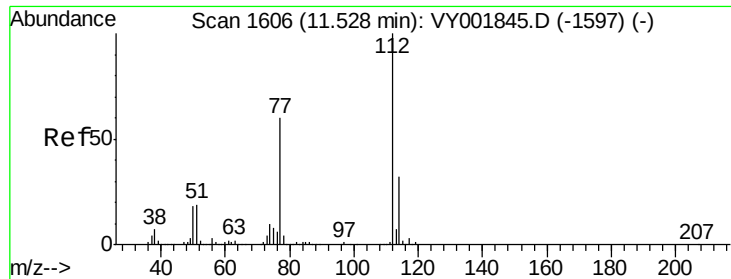
#64
Tetrachloroethene
Concen: 21.023 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion:164 Resp: 33016
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 101.1 82.3 123.5
131 93.4 77.4 116.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

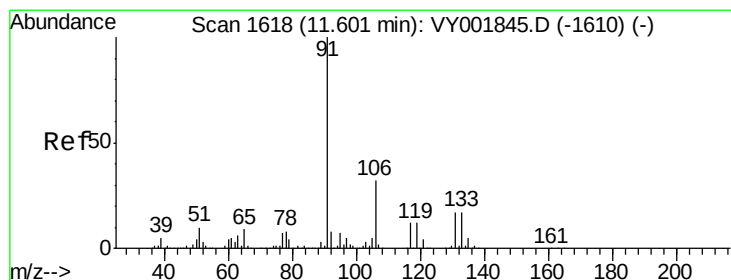
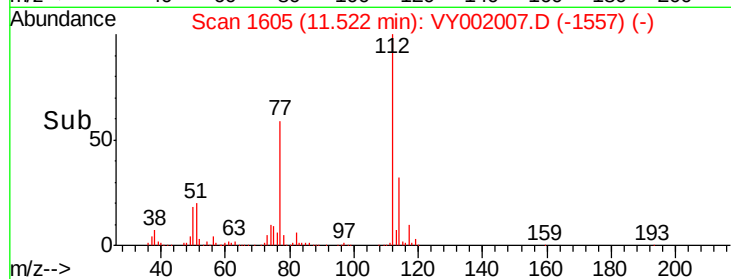
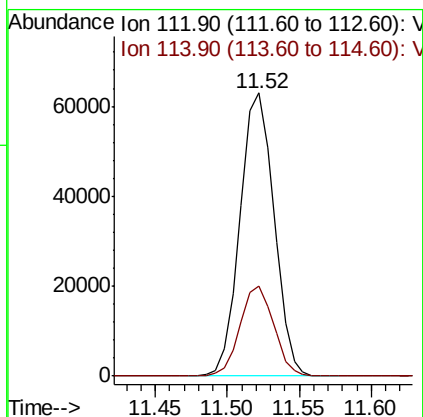
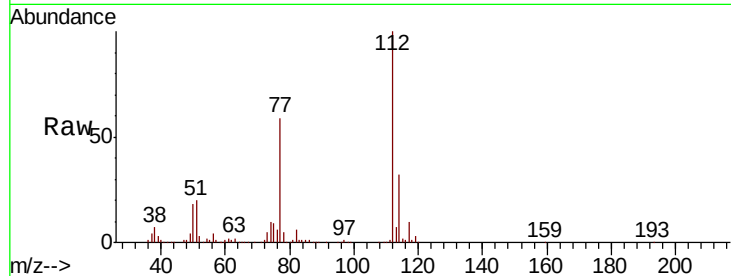




#65
Chlorobenzene
Concen: 20.685 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

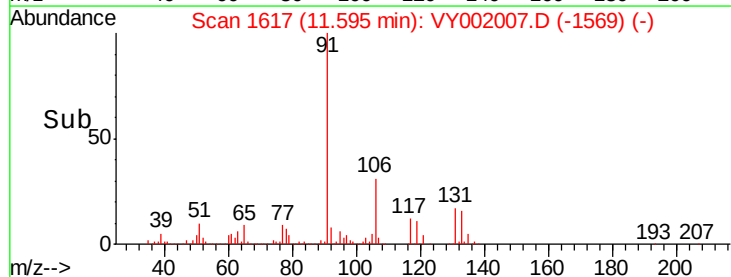
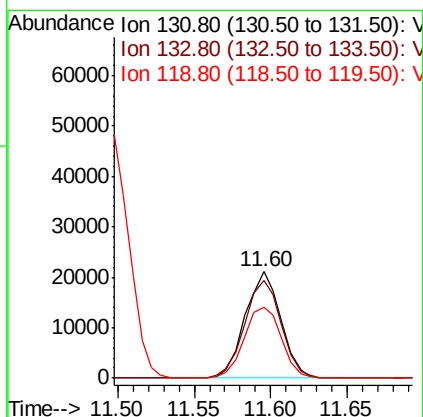
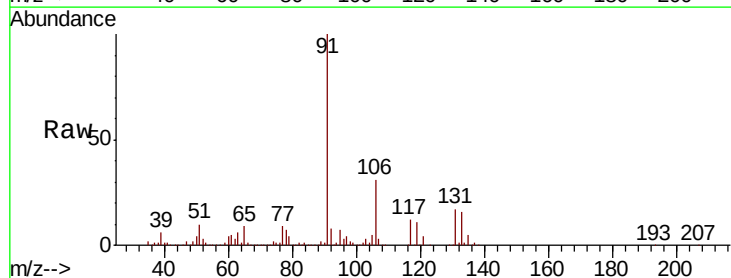
Instrument :
MSVOA_Y
ClientSampled :

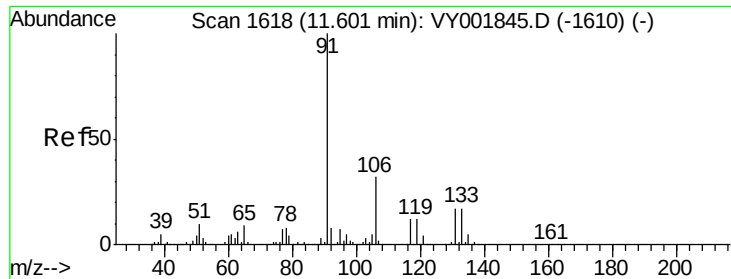
Tot Ion:112 Resp: 103212
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.939 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion:131 Resp: 34262
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 69.7 34.5 103.6





#67

Ethyl Benzene

Concen: 20.807 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

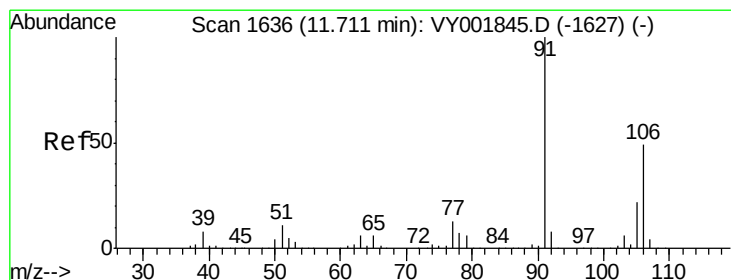
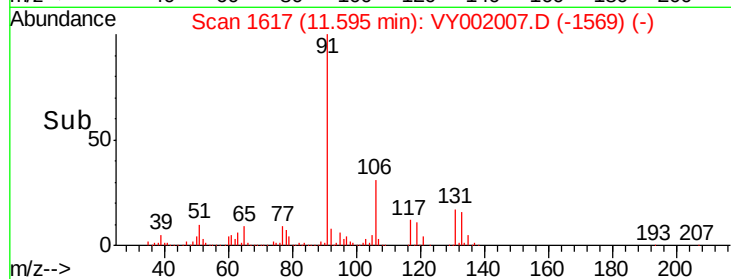
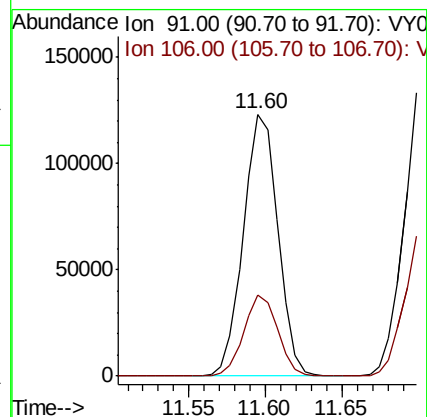
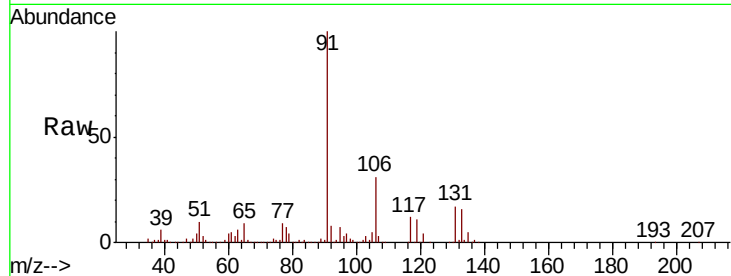
ClientSampleId :

Tot Ion: 91 Resp: 193629

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.2



#68

m/p-Xylenes

Concen: 42.347 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002007.D

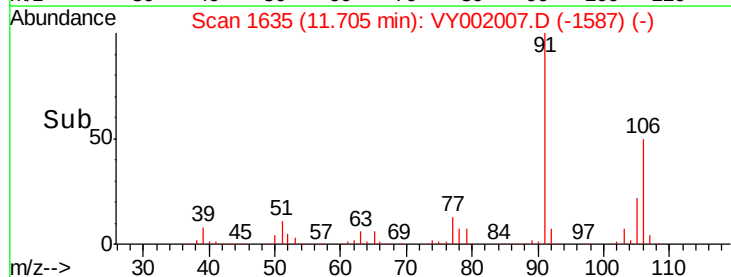
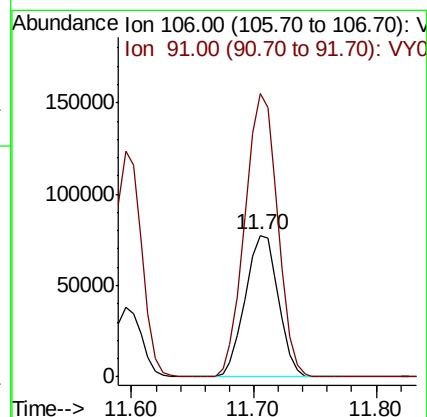
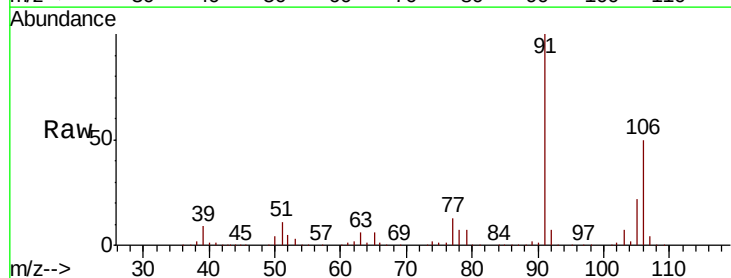
Acq: 18 Mar 2020 12:33

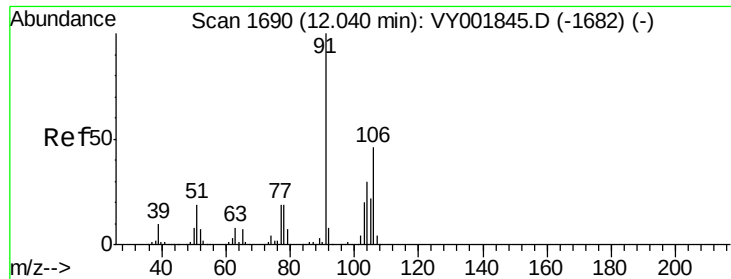
Tgt Ion: 106 Resp: 145696

Ion Ratio Lower Upper

106 100

91 197.9 161.3 241.9

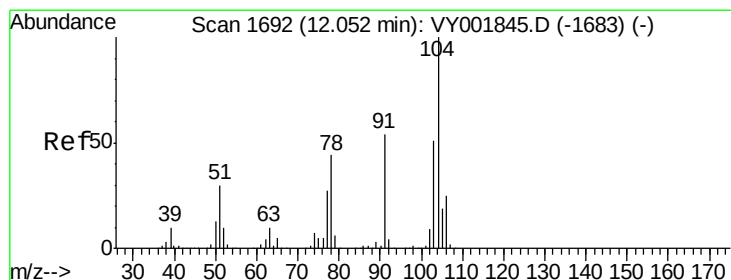
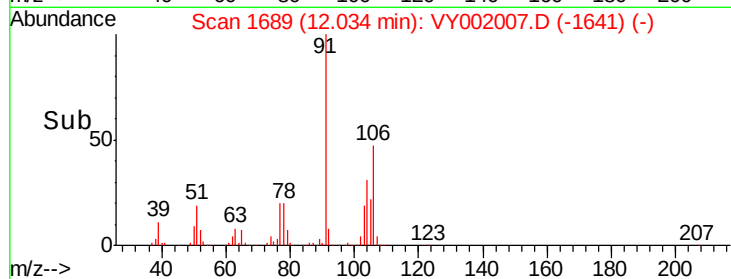
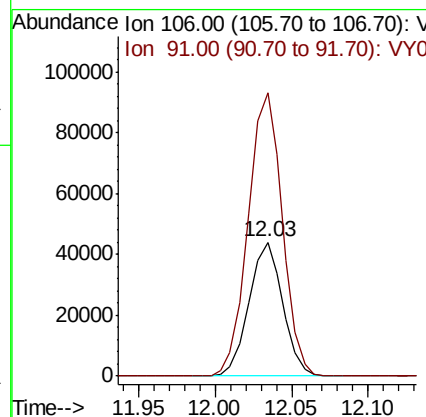
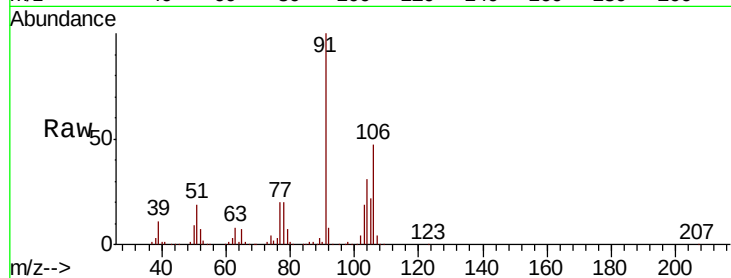




#69
o-Xylene
Concen: 20.746 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

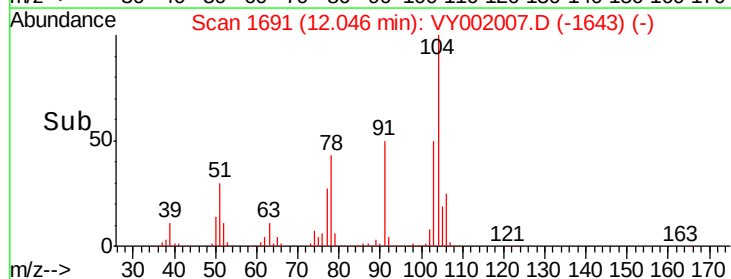
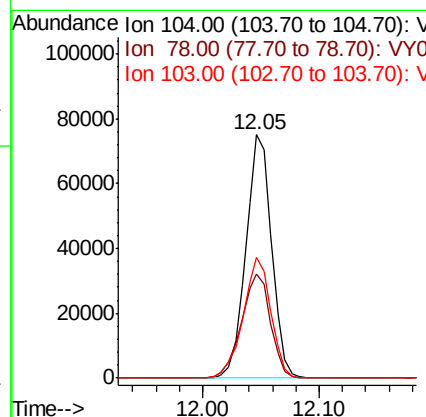
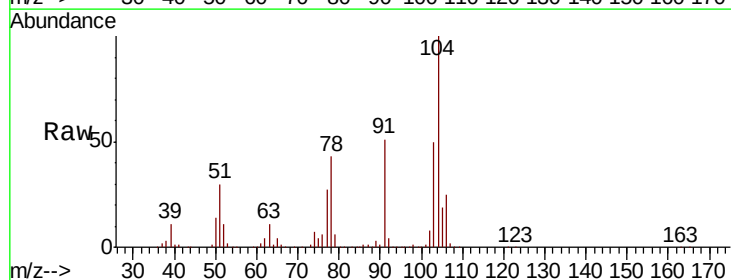
Instrument :
MSVOA_Y
ClientSampled :

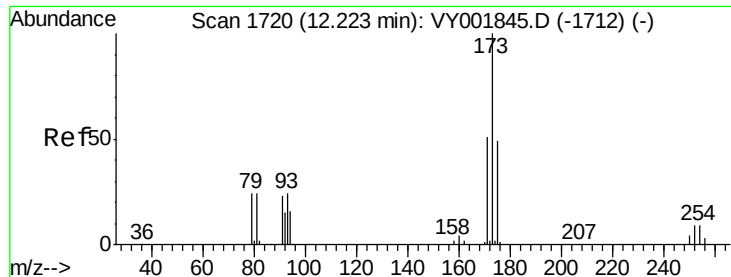
Tot Ion:106 Resp: 67275
Ion Ratio Lower Upper
106 100
91 215.2 106.8 320.4



#70
Styrene
Concen: 20.859 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion:104 Resp: 115850
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.3 42.9 64.3





#71

Bromoform

Concen: 18.866 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

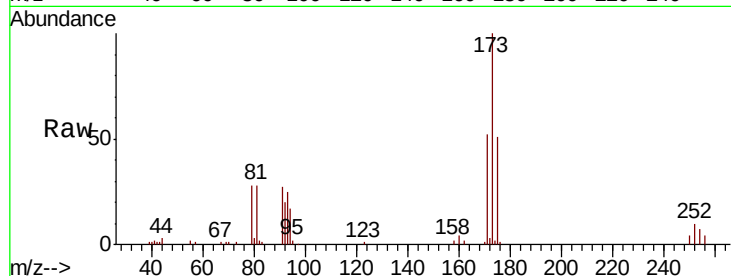
Tot Ion:173 Resp: 16742

Ion Ratio Lower Upper

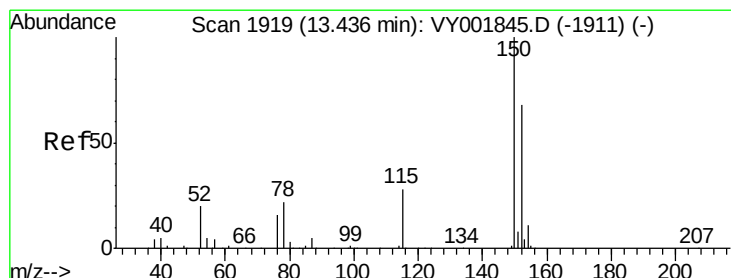
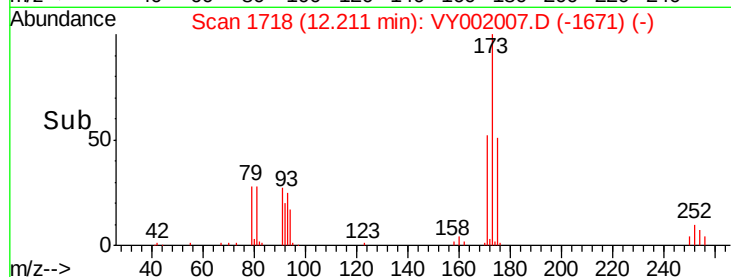
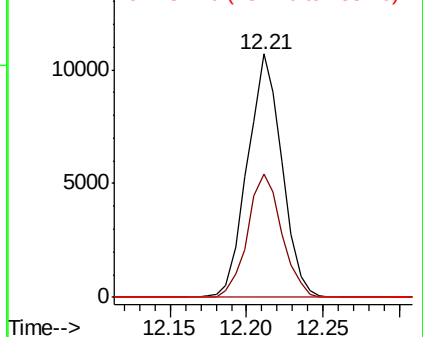
173 100

175 50.1 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

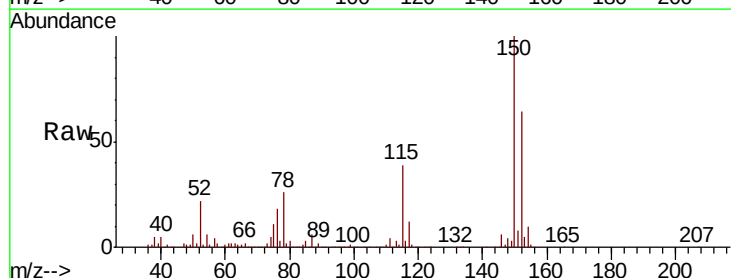
Tgt Ion:152 Resp: 114787

Ion Ratio Lower Upper

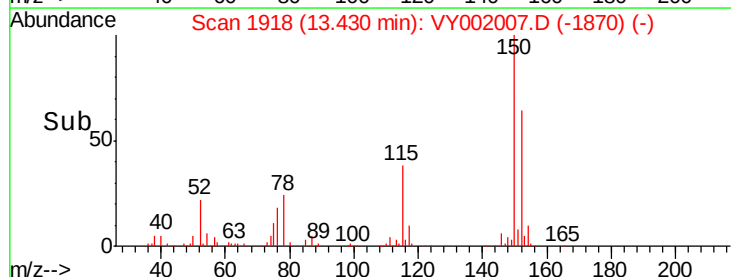
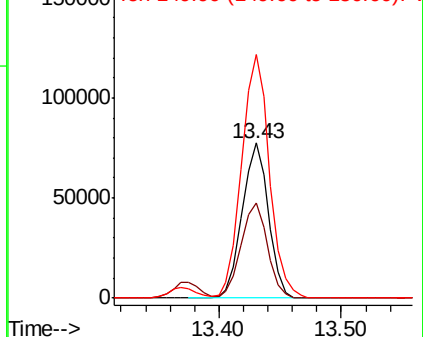
152 100

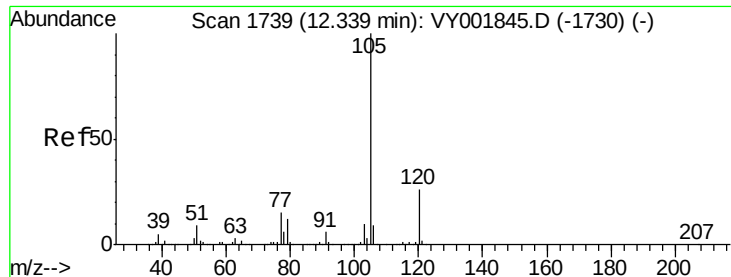
115 62.0 29.9 89.7

150 166.2 0.0 340.6



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: 21.159 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

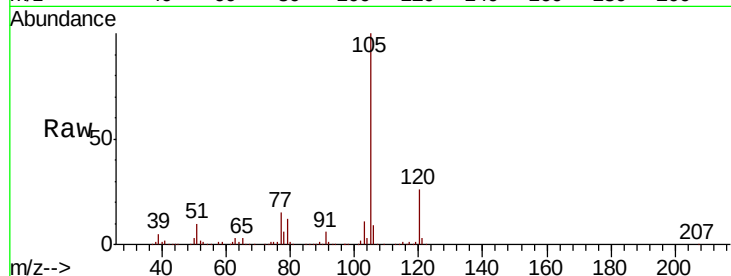
ClientSampled :

Tot Ion:105 Resp: 185405

Ion Ratio Lower Upper

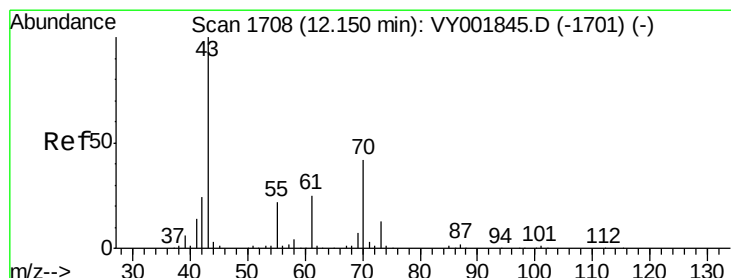
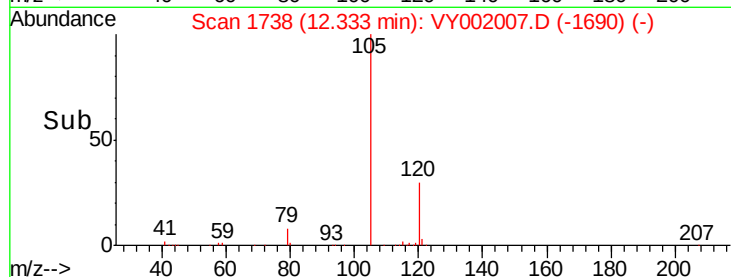
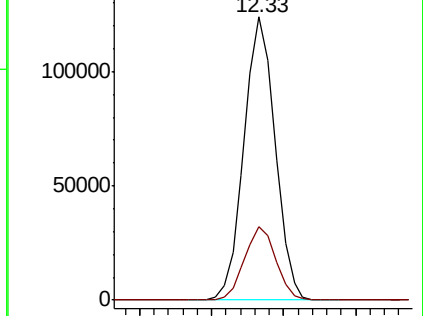
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.484 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Tgt Ion: 43 Resp: 49778

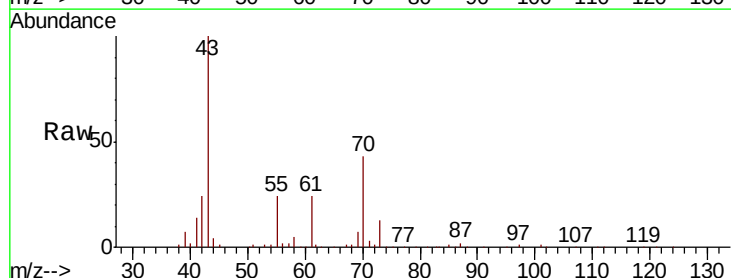
Ion Ratio Lower Upper

43 100

70 43.7 34.7 52.1

55 23.4 18.2 27.4

61 24.7 20.1 30.1

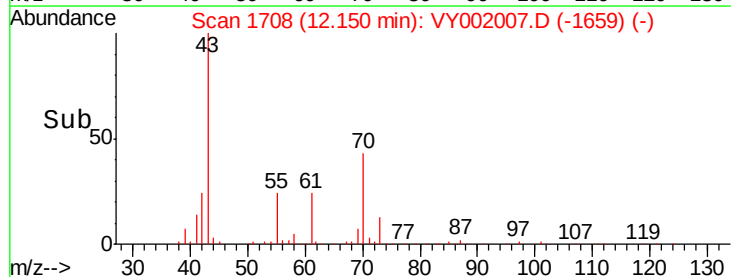
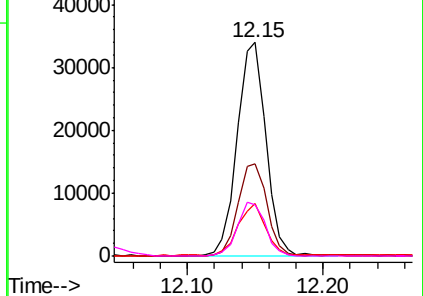


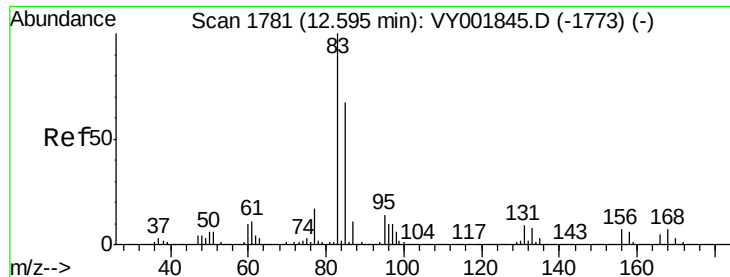
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.072 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampled :

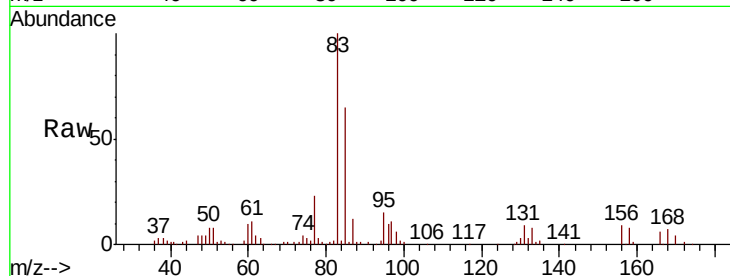
Tot Ion: 83 Resp: 36038

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

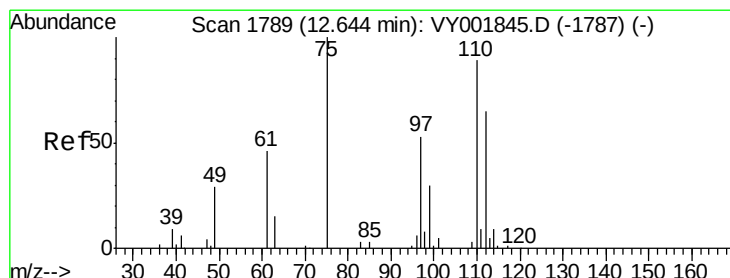
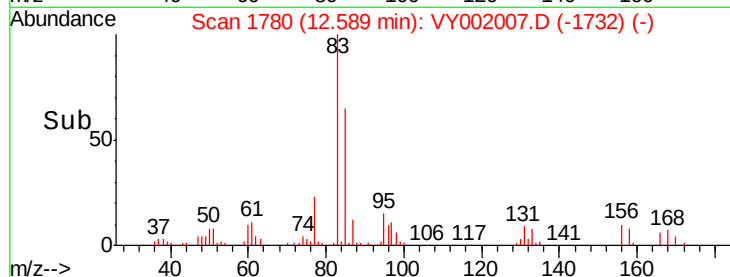
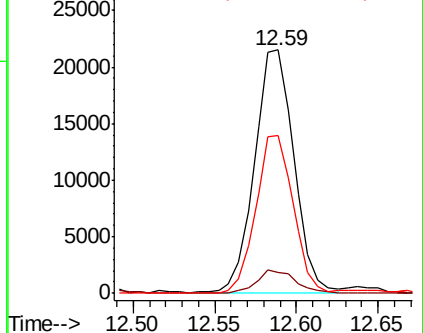
85 61.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 33.914 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002007.D

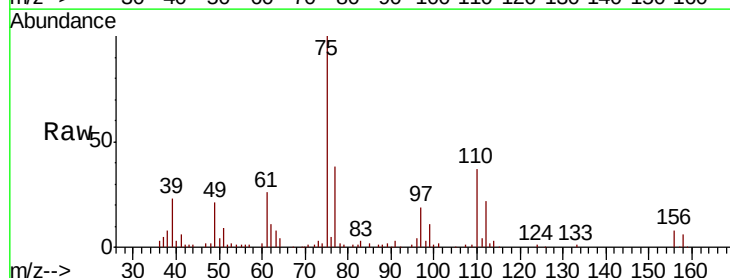
Acq: 18 Mar 2020 12:33

Tgt Ion: 75 Resp: 46192

Ion Ratio Lower Upper

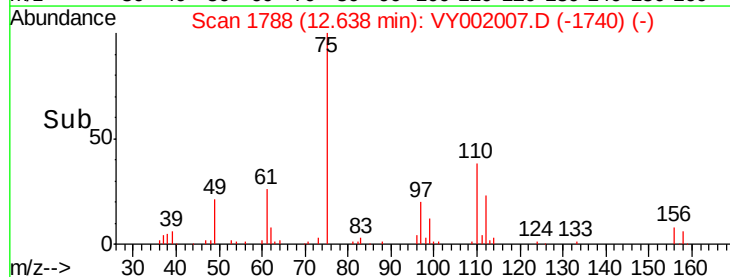
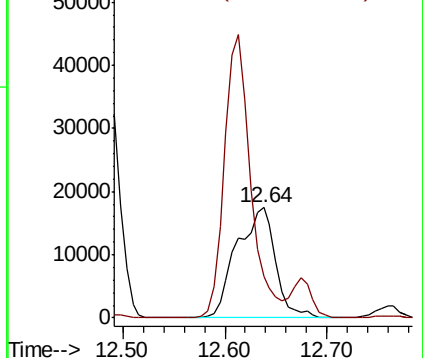
75 100

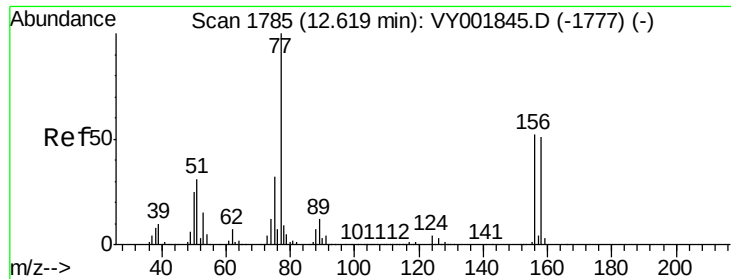
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.462 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

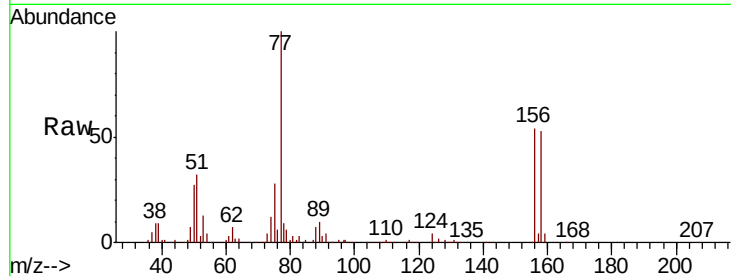
Tot Ion:156 Resp: 37988

Ion Ratio Lower Upper

156 100

77 211.5 109.0 327.0

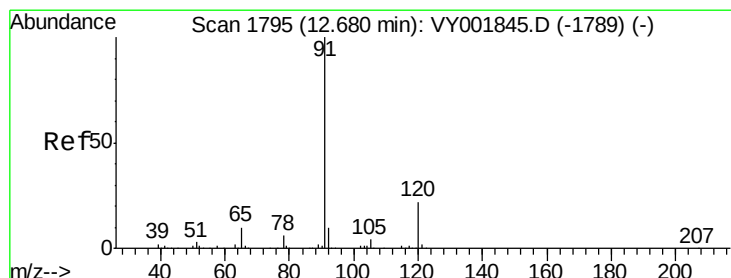
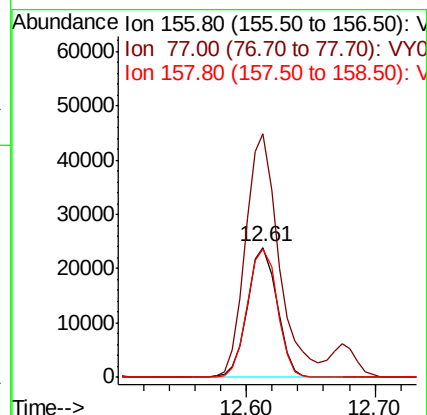
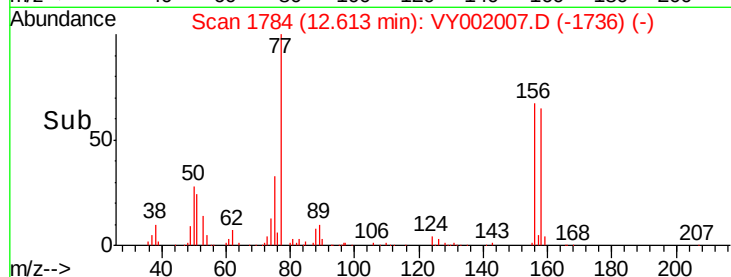
158 99.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.238 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002007.D

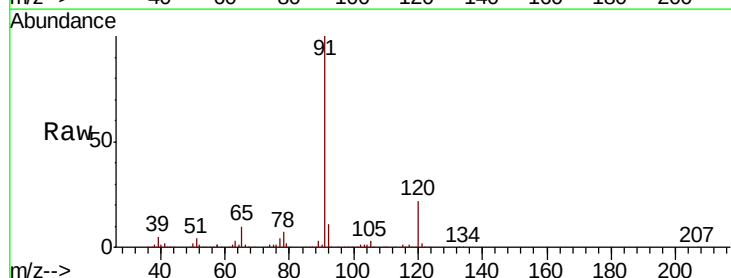
Acq: 18 Mar 2020 12:33

Tgt Ion: 91 Resp: 229594

Ion Ratio Lower Upper

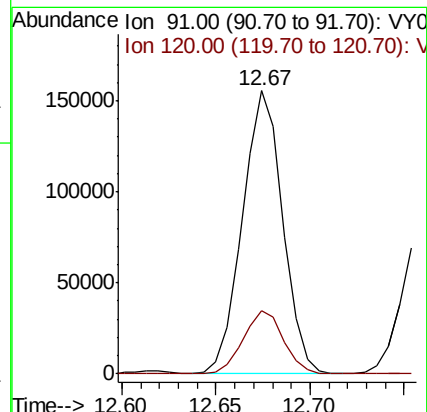
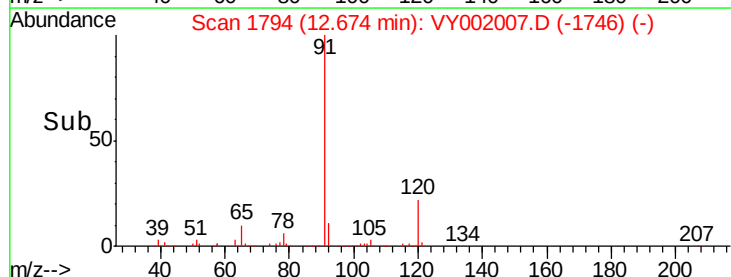
91 100

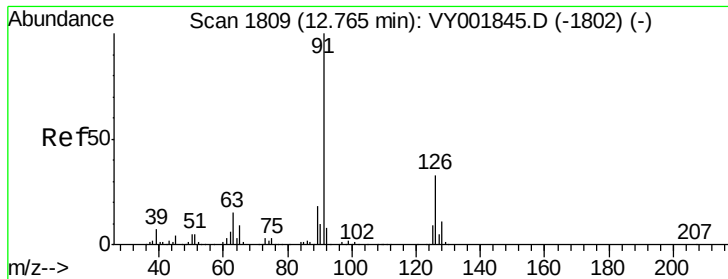
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.004 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

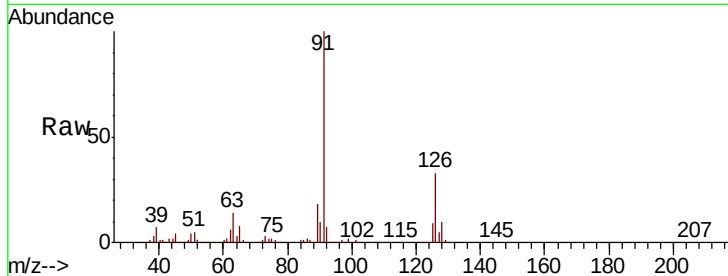
ClientSampleId :

Tot Ion: 91 Resp: 125448

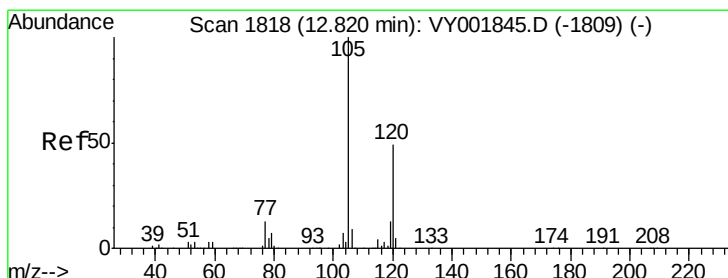
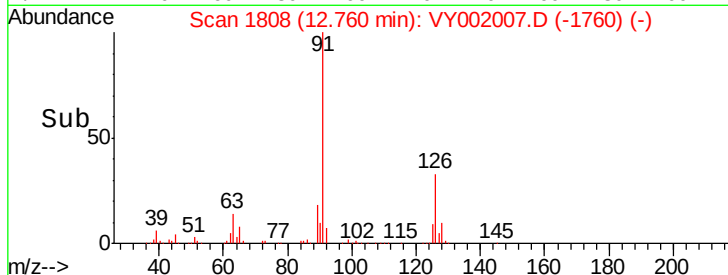
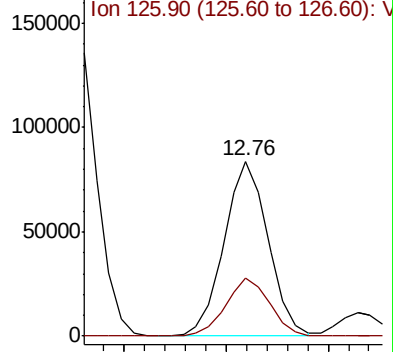
Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.051 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002007.D

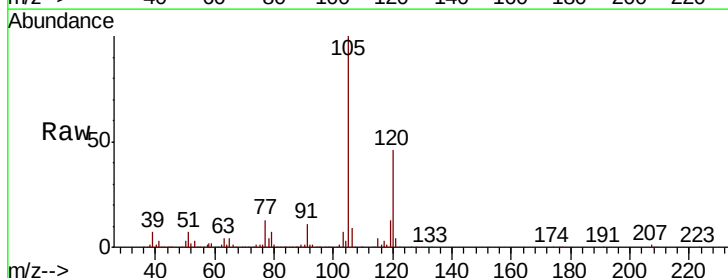
Acq: 18 Mar 2020 12:33

Tgt Ion: 105 Resp: 151858

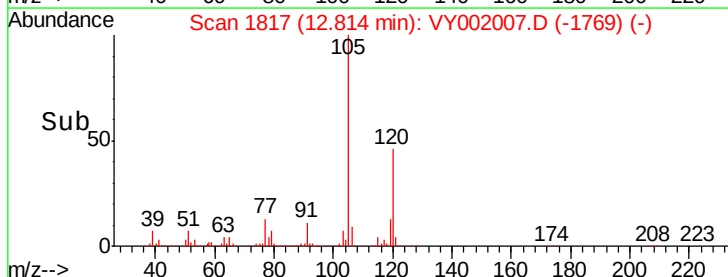
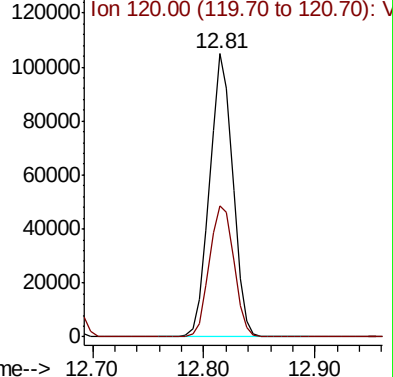
Ion Ratio Lower Upper

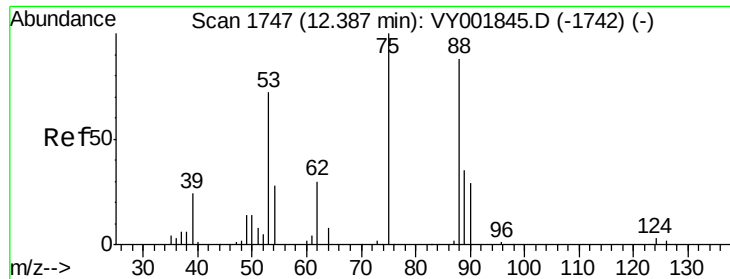
105 100

120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.600 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampled :

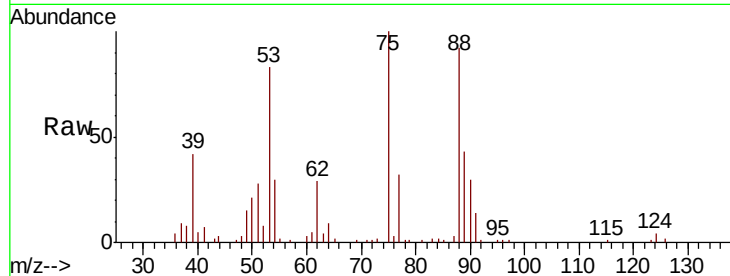
Tot Ion: 75 Resp: 12542

Ion Ratio Lower Upper

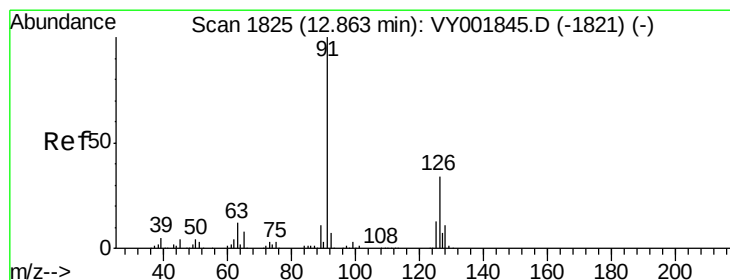
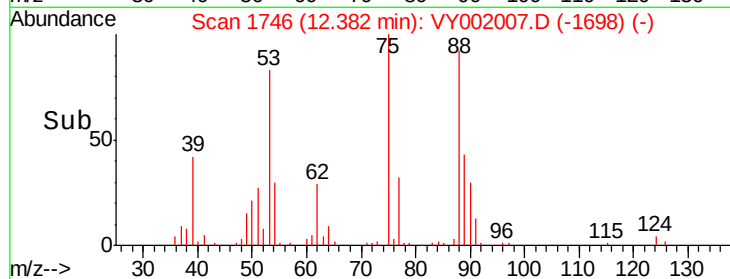
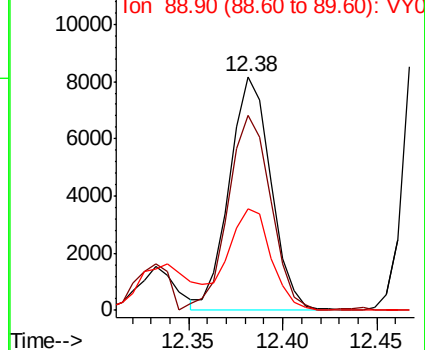
75 100

53 85.0 65.4 98.0

89 45.2 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.131 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002007.D

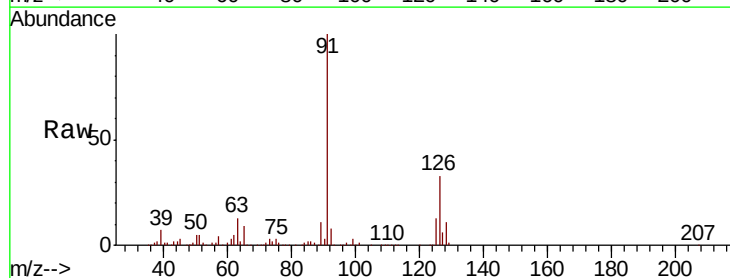
Acq: 18 Mar 2020 12:33

Tgt Ion: 91 Resp: 131407

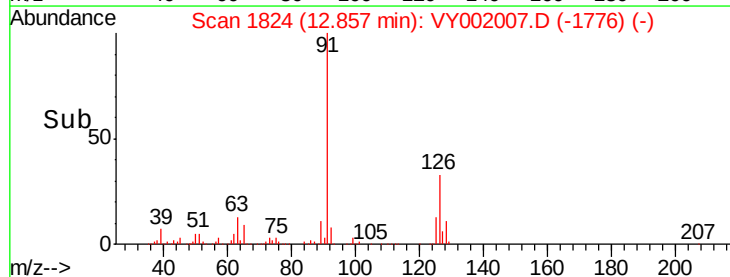
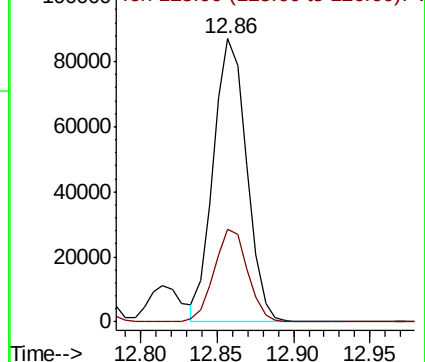
Ion Ratio Lower Upper

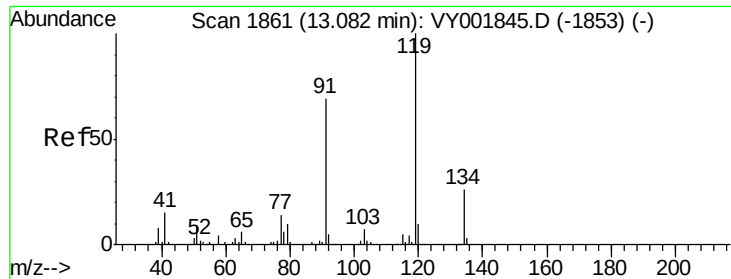
91 100

126 33.0 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

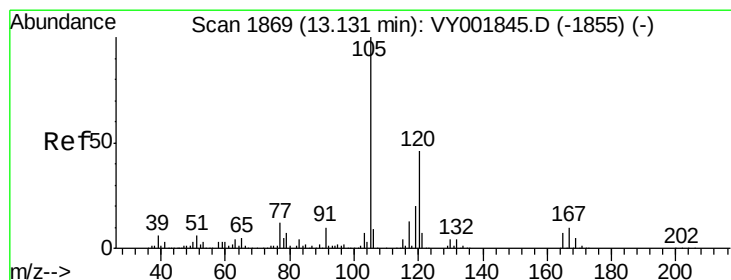
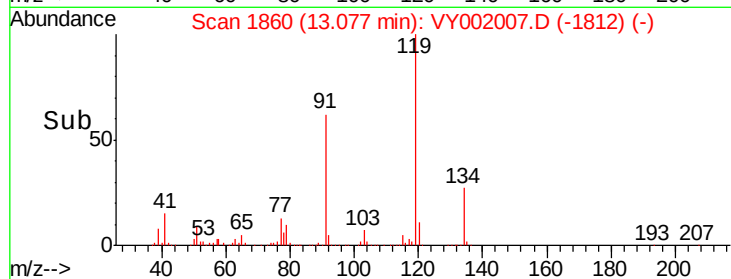
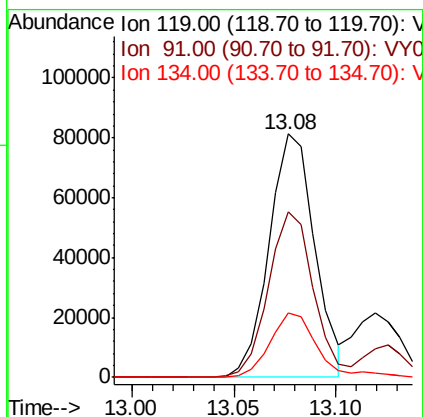
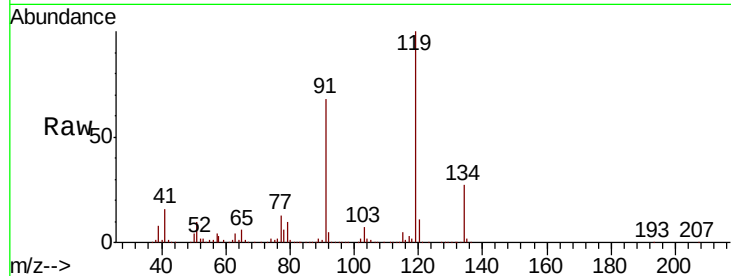




#83
 tert-Butylbenzene
 Concen: 21.235 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

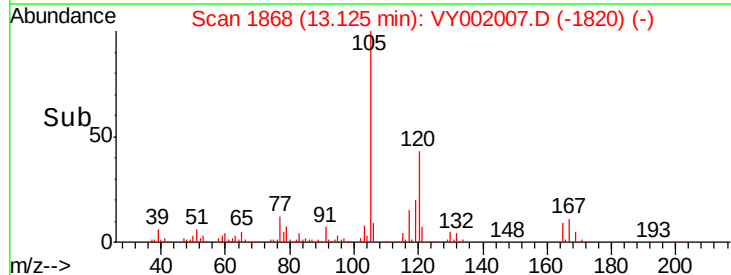
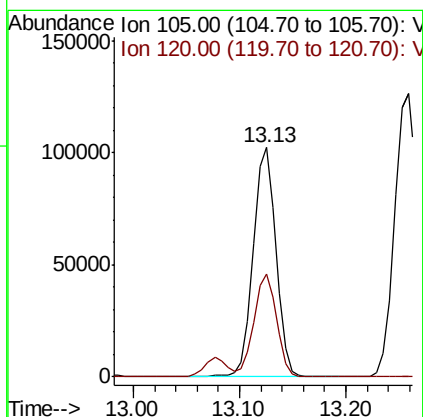
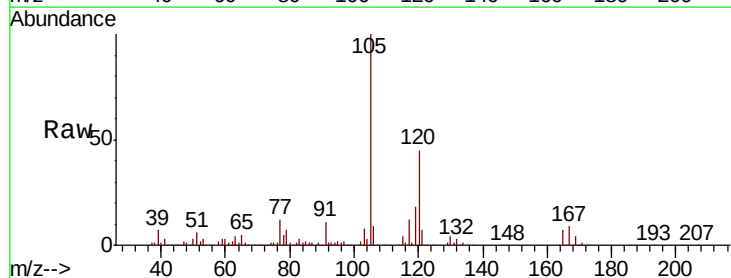
Instrument :
 MSVOA_Y
 ClientSampled :

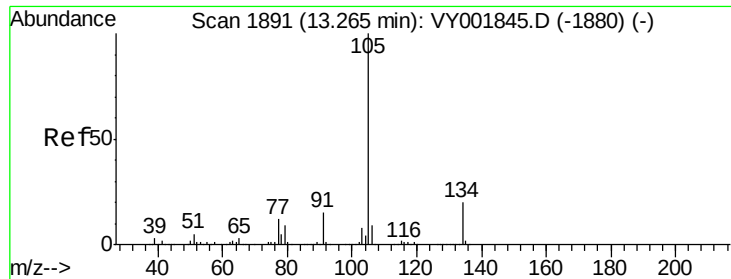
Tot Ion:119 Resp: 127231
 Ion Ratio Lower Upper
 119 100
 91 67.2 34.0 101.8
 134 27.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.536 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion:105 Resp: 154174
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.654 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

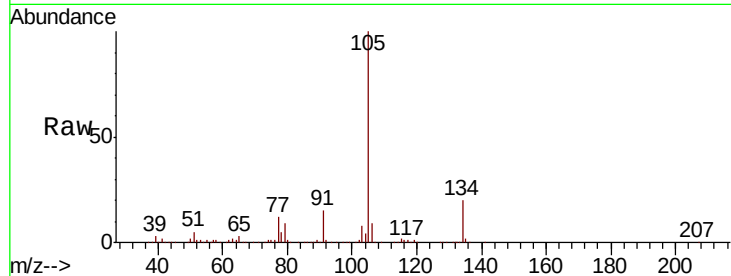
ClientSampleId :

Tot Ion:105 Resp: 191234

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

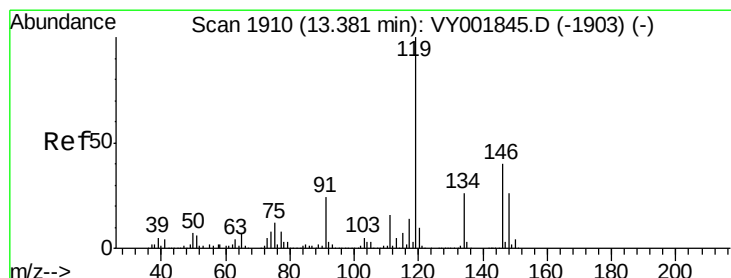
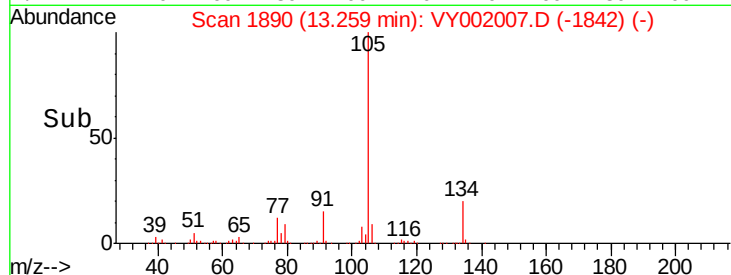
13.26

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.752 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

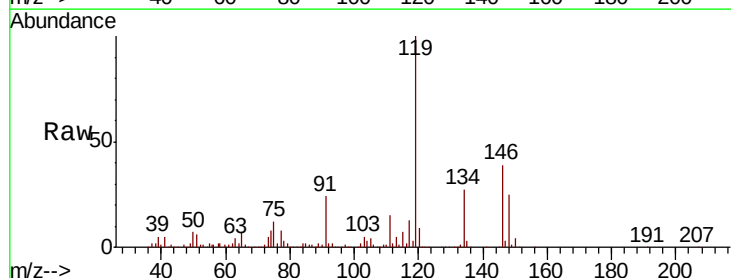
Tgt Ion:119 Resp: 165710

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.3 11.9 35.7



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

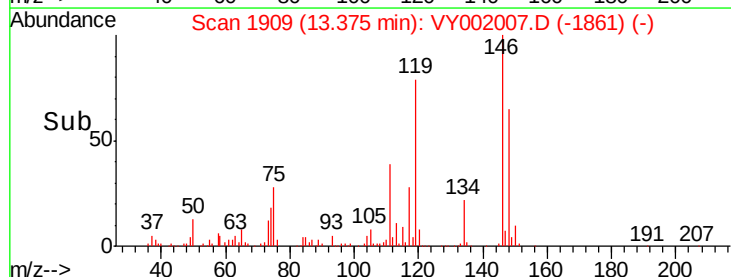
13.38

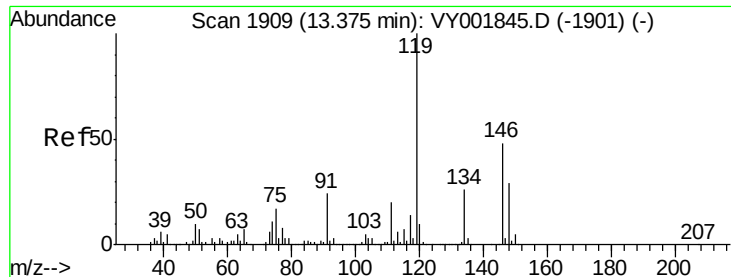
100000

50000

0

Time-->

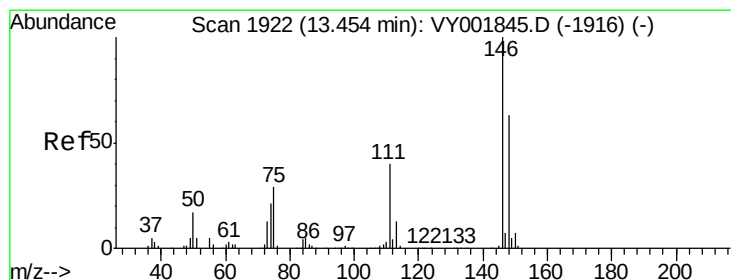
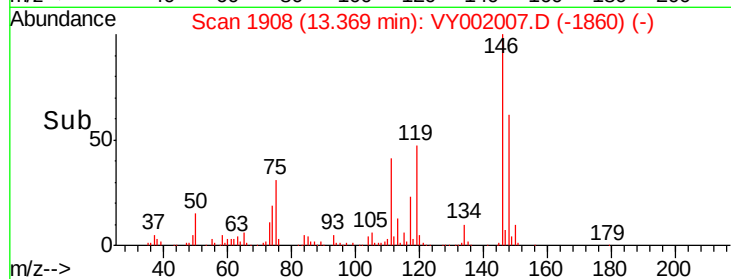
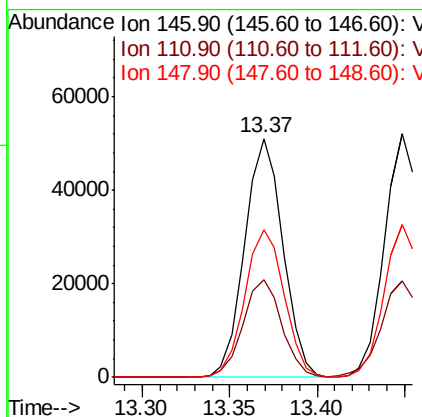
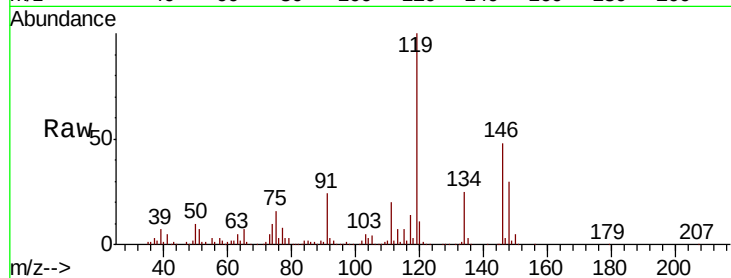




#87
 1,3-Dichlorobenzene
 Concen: 21.361 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

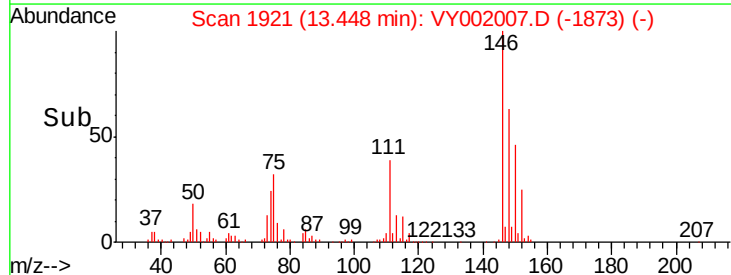
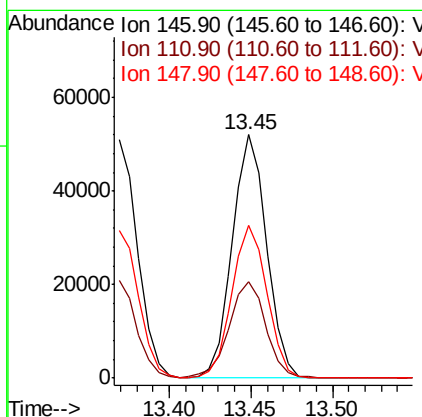
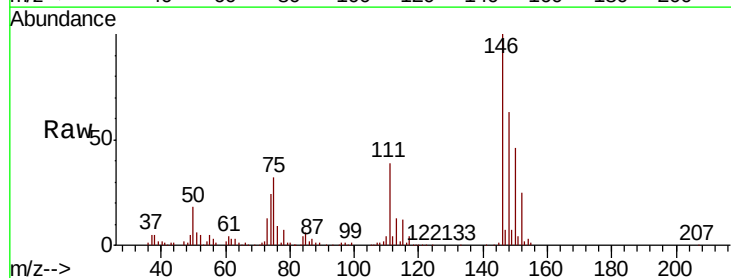
Instrument :
 MSVOA_Y
 ClientSampleId :

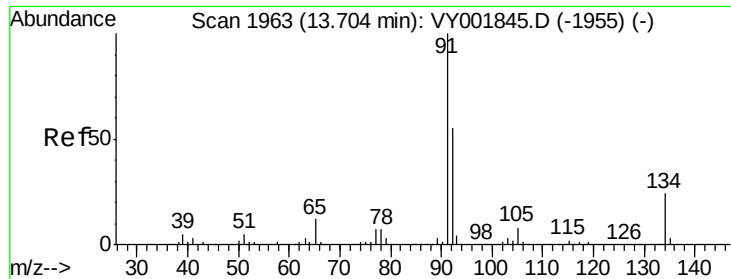
Tot Ion:146 Resp: 77710
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 63.3 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.731 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion:146 Resp: 76513
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.0 60.0
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 21.808 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002007.D

Acq: 18 Mar 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

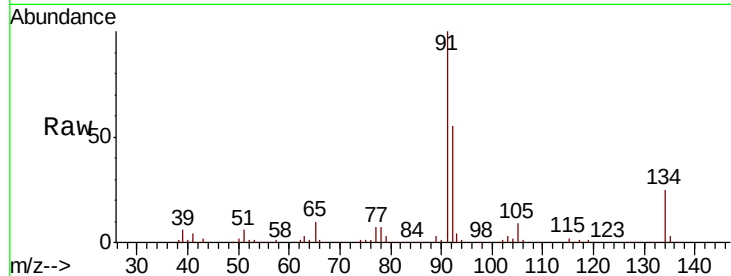
Tot Ion: 91 Resp: 172365

Ion Ratio Lower Upper

91 100

92 53.7 27.5 82.4

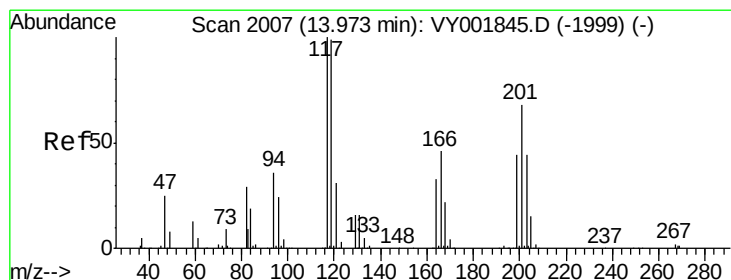
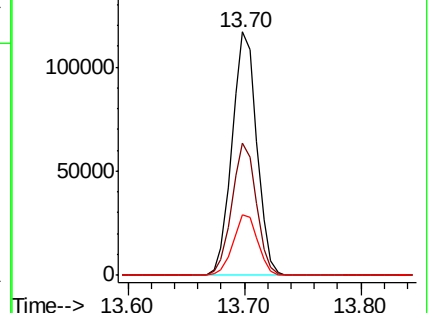
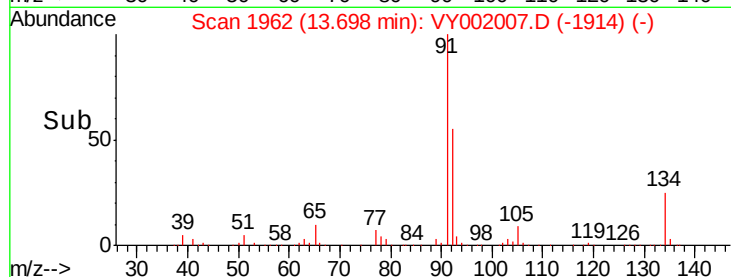
134 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001845.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001845.D (-1955) (-)



#90

Hexachloroethane

Concen: 20.740 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002007.D

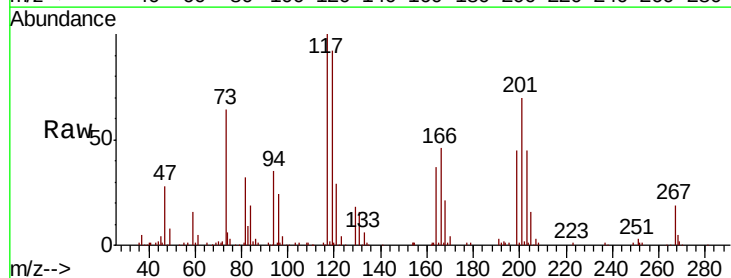
Acq: 18 Mar 2020 12:33

Tgt Ion: 117 Resp: 29808

Ion Ratio Lower Upper

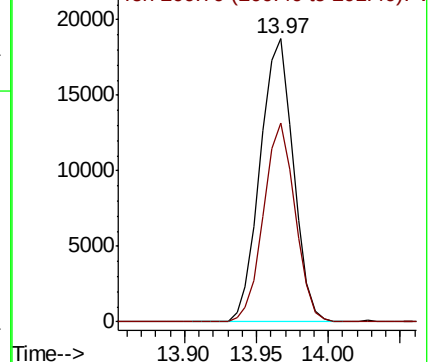
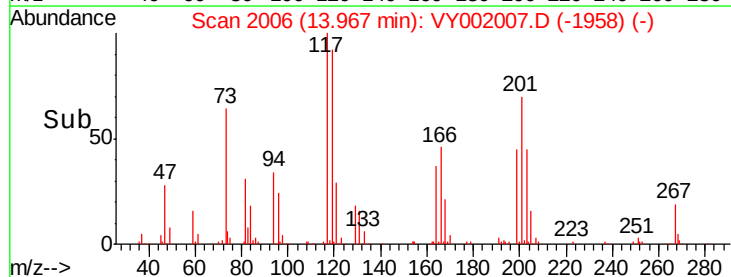
117 100

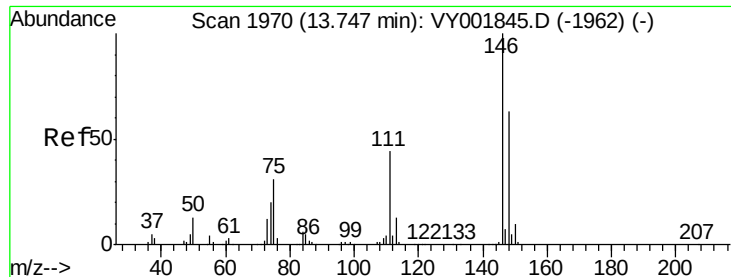
201 67.1 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VY001845.D (-1999) (-)

Ion 200.70 (200.40 to 201.40): VY001845.D (-1999) (-)

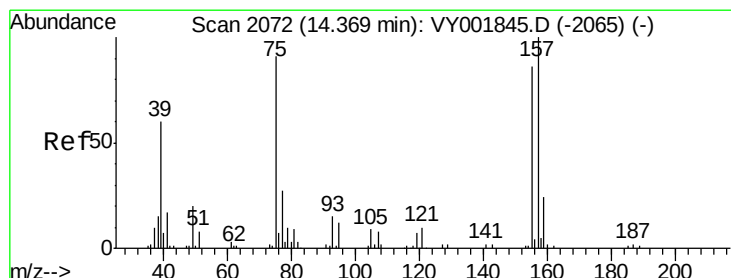
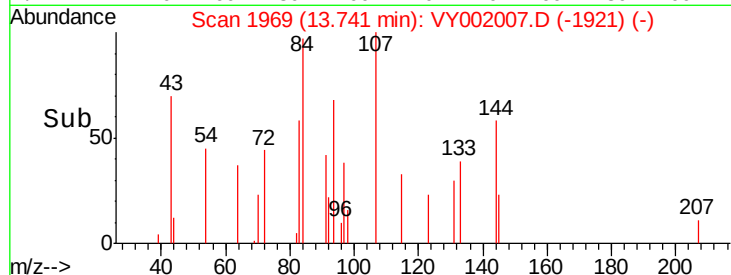
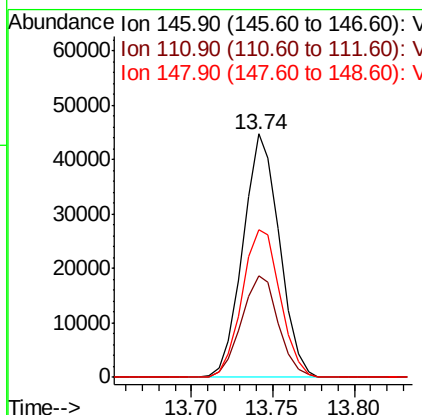
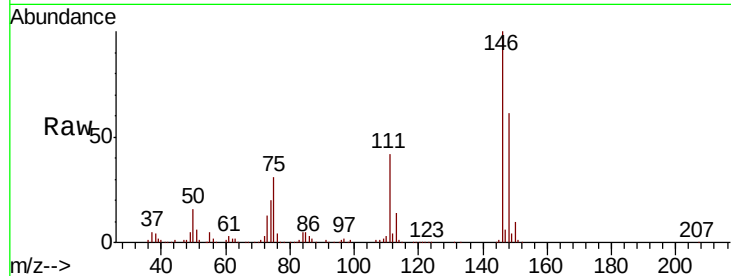




#91
 1,2-Dichlorobenzene
 Concen: 21.023 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

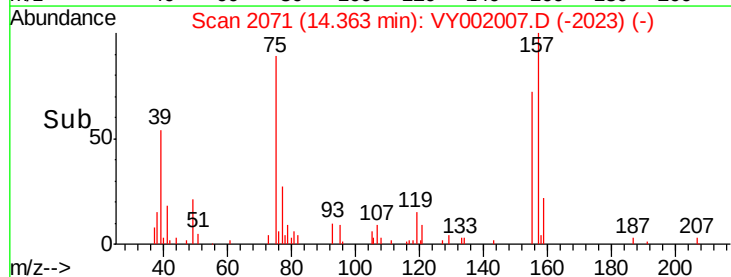
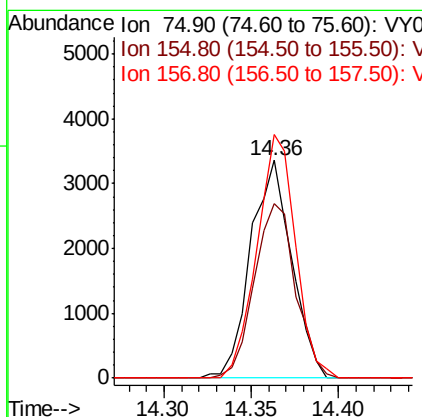
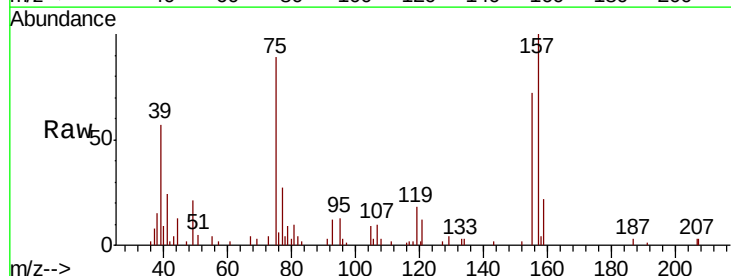
Instrument :
 MSVOA_Y
 ClientSampled :

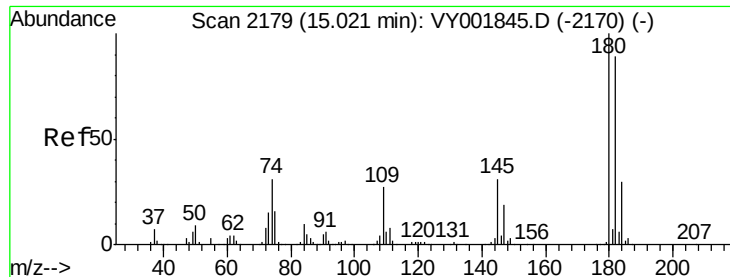
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.561 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	42.9	128.7
157	105.2	53.1	159.4

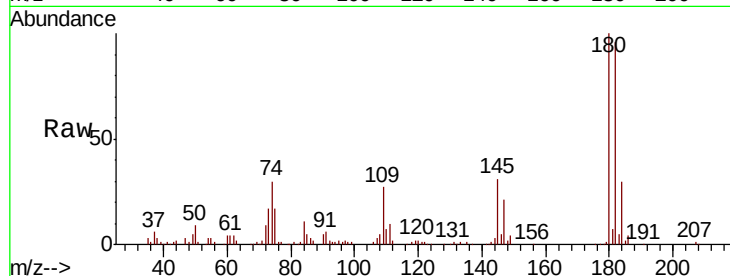




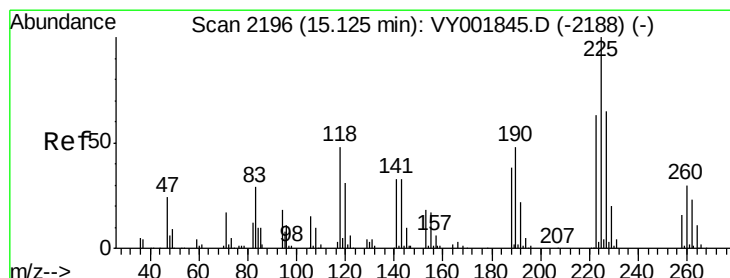
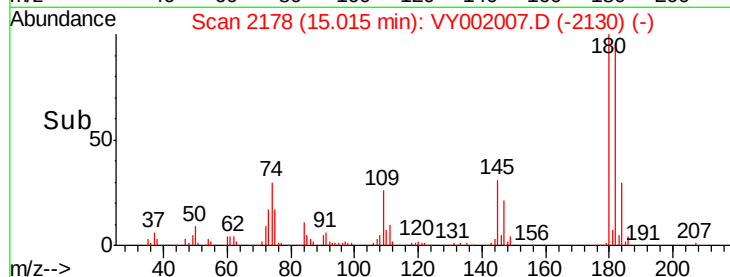
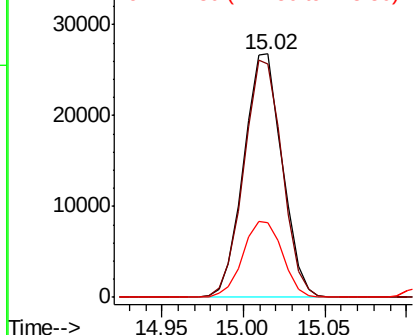
#93
 1,2,4-Trichlorobenzene
 Concen: 20.528 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 44000
 Ion Ratio Lower Upper
 180 100
 182 97.1 46.1 138.3
 145 32.1 15.6 46.8

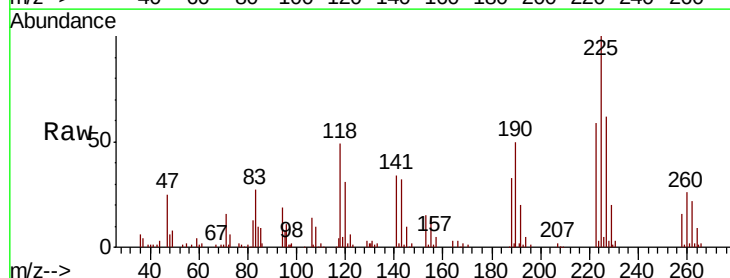


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

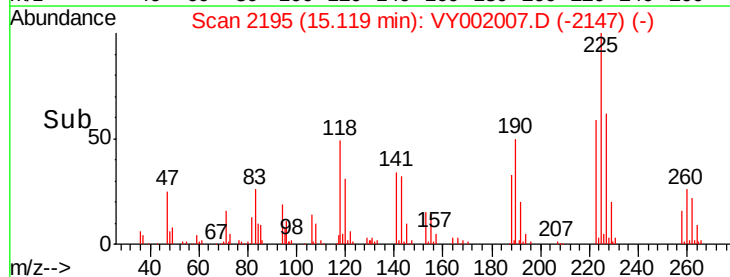
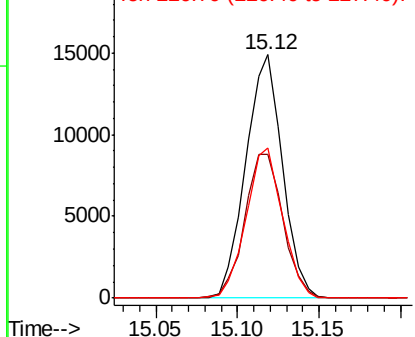


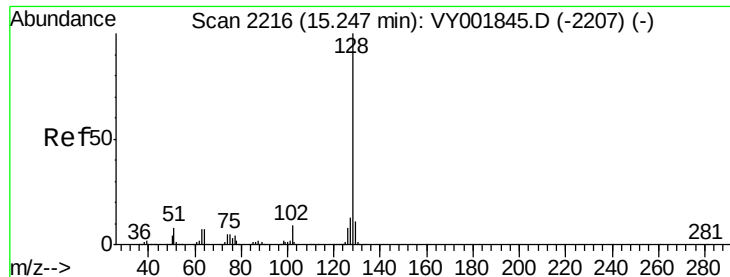
#94
 Hexachlorobutadiene
 Concen: 22.263 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY002007.D
 Acq: 18 Mar 2020 12:33

Tgt Ion:225 Resp: 23265
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.5 94.5
 227 61.1 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

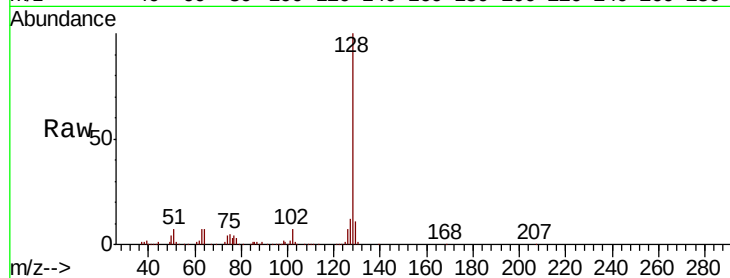




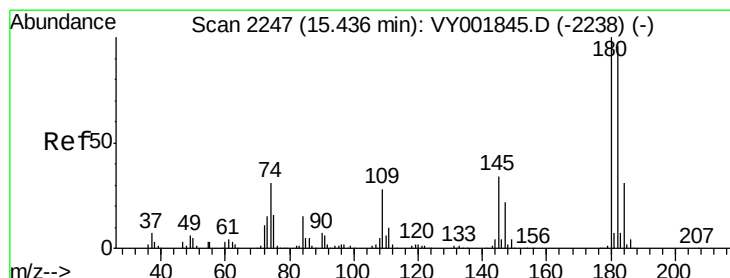
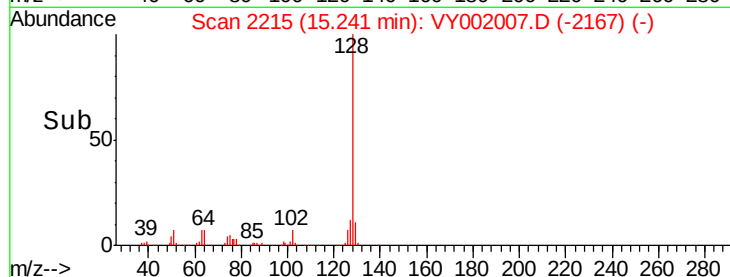
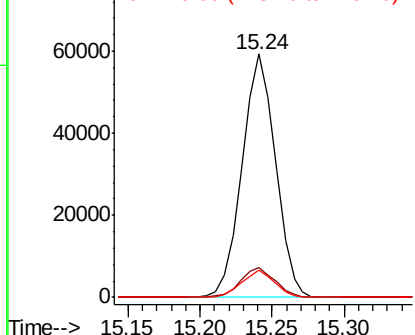
#95
Naphthalene
Concen: 18.727 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 95211
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.6 13.0

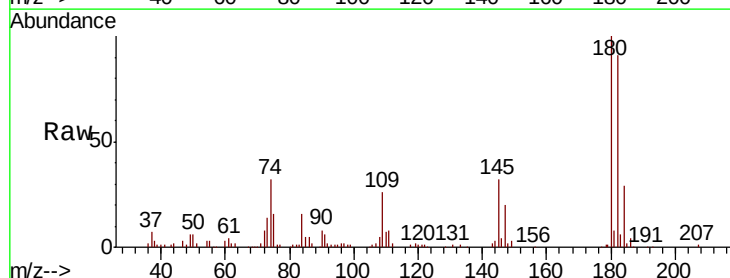


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.577 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002007.D
Acq: 18 Mar 2020 12:33

Tgt Ion:180 Resp: 38854
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.9
145 34.3 16.8 50.3



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

