

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001866.D
 Acq On : 04 Mar 2020 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 05 04:12:17 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	7.82	168	154412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121561	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	90432	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.74	113	81843	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.19	98	342489	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.49	95	121971	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	67061	47.049	ug/l	98
3) Chloromethane	2.13	50	94255	49.048	ug/l	100
4) Vinyl Chloride	2.26	62	95913	49.069	ug/l	99
5) Bromomethane	2.66	94	65722	58.570	ug/l	96
6) Chloroethane	2.81	64	63042	51.342	ug/l	96
7) Trichlorofluoromethane	3.15	101	130246	49.132	ug/l	95
8) Diethyl Ether	3.55	74	56355	53.938	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	84027	49.282	ug/l	99
10) Methyl Iodide	4.12	142	96031	48.703	ug/l	99
11) Tert butyl alcohol	4.99	59	52526	311.772	ug/l	99
12) 1,1-Dichloroethene	3.90	96	85168	49.609	ug/l	97
13) Acrolein	3.75	56	61122	263.859	ug/l	96
14) Allyl chloride	4.50	41	159233	52.319	ug/l	99
15) Acrylonitrile	5.20	53	158922	284.650	ug/l	99
16) Acetone	3.97	43	123017	256.217	ug/l	96
17) Carbon Disulfide	4.22	76	285219	49.421	ug/l	99
18) Methyl Acetate	4.50	43	70066	56.796	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	254724	54.752	ug/l	98
20) Methylene Chloride	4.75	84	103824	50.455	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	99245	50.931	ug/l	96
22) Diisopropyl ether	6.15	45	337164	54.044	ug/l	98
23) Vinyl Acetate	6.10	43	1162731	284.294	ug/l	98
24) 1,1-Dichloroethane	6.05	63	173472	51.347	ug/l	97
25) 2-Butanone	7.02	43	207394	284.046	ug/l	99
26) 2,2-Dichloropropane	7.01	77	136089	49.078	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	110342	52.057	ug/l	100
28) Bromochloromethane	7.36	49	86537	56.827	ug/l	98
29) Tetrahydrofuran	7.38	42	141917	292.696	ug/l	99
30) Chloroform	7.53	83	165176	52.038	ug/l	97
31) Cyclohexane	7.81	56	174280	48.111	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	135587	50.681	ug/l	99
36) 1,1-Dichloropropene	7.94	75	135410	48.651	ug/l	99
37) Ethyl Acetate	7.10	43	92097	56.932	ug/l	99
38) Carbon Tetrachloride	7.92	117	116615	49.046	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001866.D
 Acq On : 04 Mar 2020 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 05 04:12:17 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)
39) Methylcyclohexane	9.20	83	180093	48.785	ug/l	97
40) Benzene	8.18	78	414667	50.264	ug/l	99
41) Methacrylonitrile	7.37	41	123934	170.237	ug/l #	22
42) 1,2-Dichloroethane	8.26	62	111888	52.633	ug/l	99
43) Isopropyl Acetate	8.29	43	170731	55.745	ug/l	98
44) Trichloroethene	8.96	130	98711	49.130	ug/l	99
45) 1,2-Dichloropropane	9.24	63	107121	51.654	ug/l	100
46) Dibromomethane	9.32	93	57389	53.700	ug/l	97
47) Bromodichloromethane	9.52	83	129956	52.275	ug/l	99
48) Methyl methacrylate	9.31	41	76113	56.006	ug/l	97
49) 1,4-Dioxane	9.31	88	17113	1168.616	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	450824	285.783	ug/l	100
52) Toluene	10.26	92	255554	50.993	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	145903	53.869	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	167882	52.068	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	83206	53.200	ug/l	97
56) Ethyl methacrylate	10.52	69	127199	55.485	ug/l	97
57) 1,3-Dichloropropane	10.80	76	147411	52.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	209899	263.673	ug/l	99
59) 2-Hexanone	10.85	43	316790	281.354	ug/l	100
60) Dibromochloromethane	11.00	129	87897	53.334	ug/l	99
61) 1,2-Dibromoethane	11.10	107	79261	53.500	ug/l	99
64) Tetrachloroethene	10.73	164	80367	48.256	ug/l	94
65) Chlorobenzene	11.53	112	260877	49.300	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	86763	49.999	ug/l	100
67) Ethyl Benzene	11.60	91	485470	49.192	ug/l	96
68) m/p-Xylenes	11.71	106	360728	98.867	ug/l	100
69) o-Xylene	12.04	106	172026	50.023	ug/l	99
70) Styrene	12.05	104	303267	51.489	ug/l	99
71) Bromoform	12.22	173	51482	54.705	ug/l #	99
73) Isopropylbenzene	12.34	105	458605	49.420	ug/l	100
74) N-amyl acetate	12.15	43	159055	55.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	108641	54.290	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	138627	96.108	ug/l #	100
77) Bromobenzene	12.62	156	98781	50.243	ug/l	99
78) n-propylbenzene	12.68	91	565673	49.411	ug/l	100
79) 2-Chlorotoluene	12.77	91	313766	49.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	377357	49.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	38583	54.032	ug/l	98
82) 4-Chlorotoluene	12.86	91	331697	50.367	ug/l	99
83) tert-Butylbenzene	13.08	119	312300	49.219	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	382252	50.420	ug/l	100
85) sec-Butylbenzene	13.27	105	467909	50.030	ug/l	100
86) p-Isopropyltoluene	13.38	119	406526	50.388	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	192337	49.923	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	195303	49.969	ug/l	100
89) n-Butylbenzene	13.70	91	416031	49.703	ug/l	99
90) Hexachloroethane	13.97	117	77637	51.010	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	178912	51.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17362	55.600	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
Data File : VY001866.D
Acq On : 04 Mar 2020 19:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 05 04:12:17 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

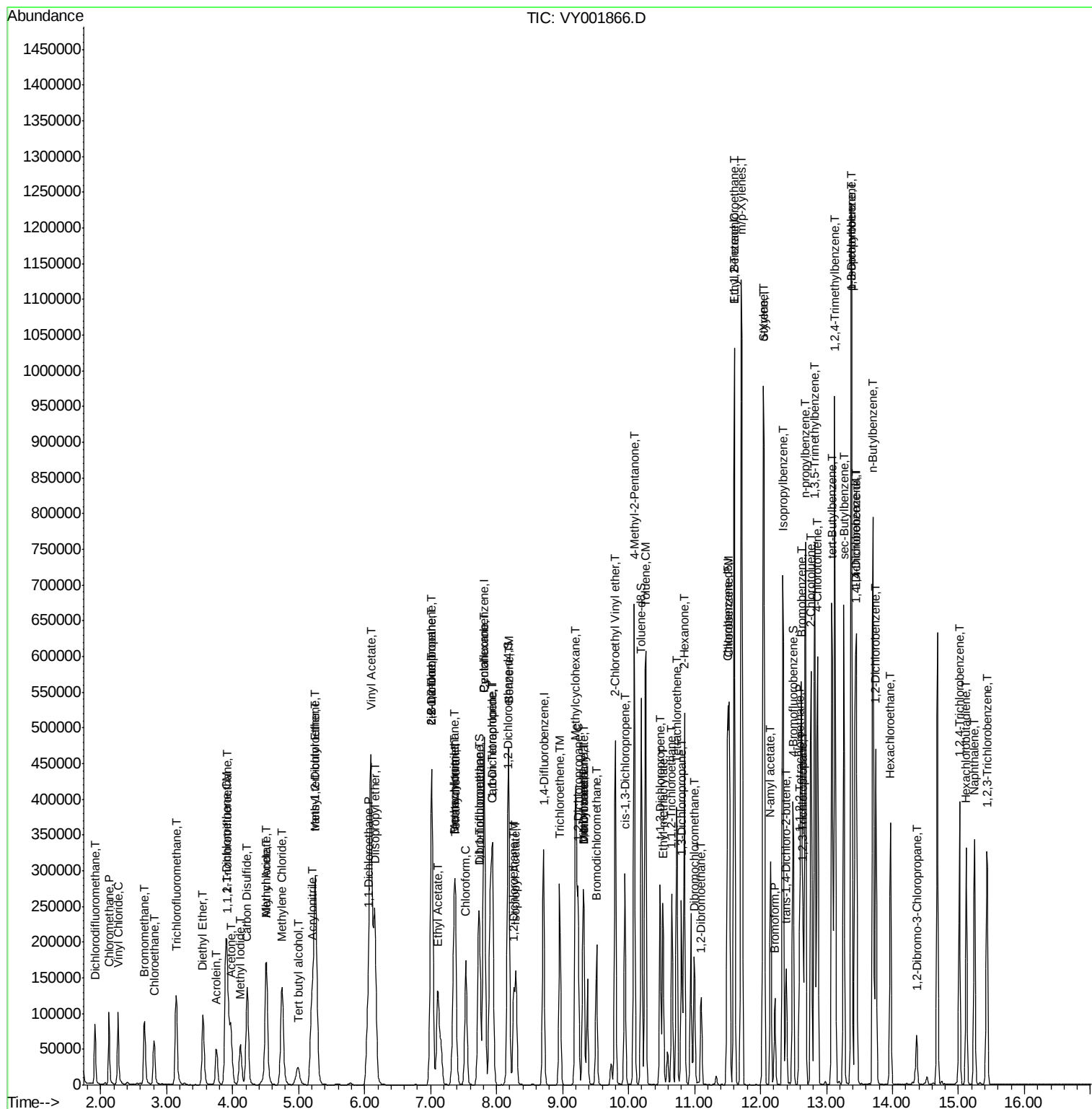
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112086	49.380	ug/l	98
94) Hexachlorobutadiene	15.12	225	53213	48.085	ug/l	98
95) Naphthalene	15.25	128	283376	52.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	101013	50.516	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
Data File : VY001866.D
Acq On : 04 Mar 2020 19:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 05 04:12:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

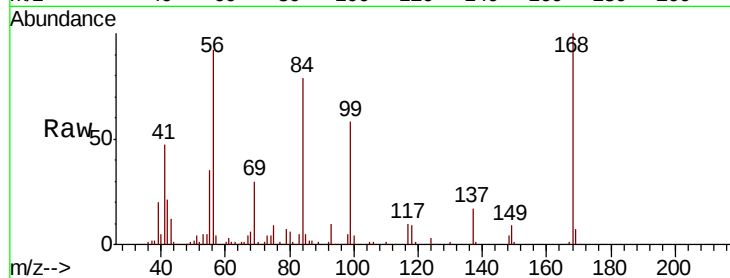
VSTDCCC050EC

Tot Ion:168 Resp: 154412

Ion Ratio Lower Upper

168 100

99 58.4 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) (-)

7.82

80000

60000

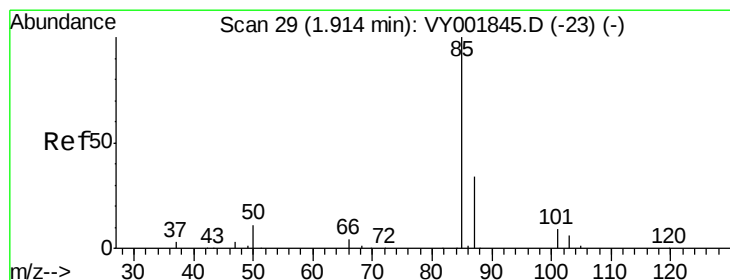
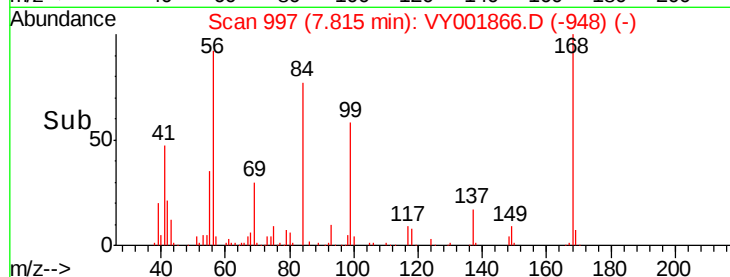
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.049 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001866.D

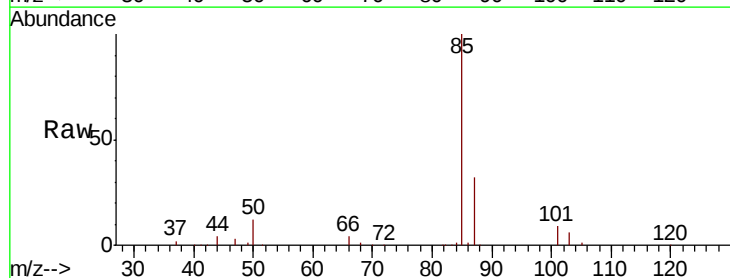
Acq: 04 Mar 2020 19:55

Tgt Ion: 85 Resp: 67061

Ion Ratio Lower Upper

85 100

87 32.3 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) (-)

1.91

50000

40000

30000

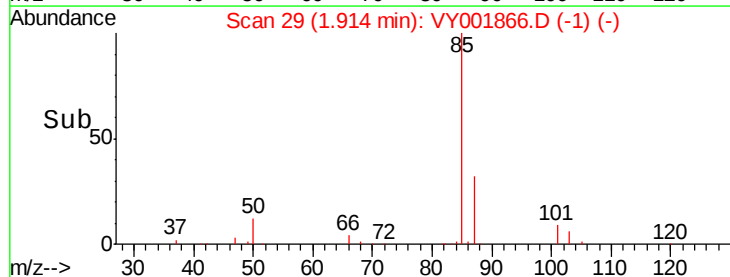
20000

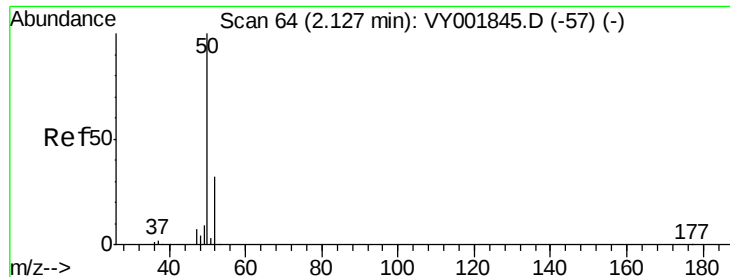
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.048 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

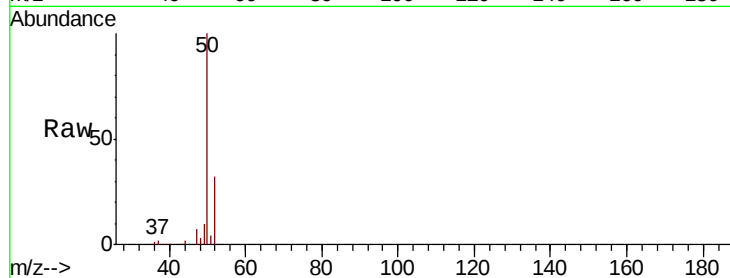
VSTDCCC050EC

Tot Ion: 50 Resp: 94255

Ion Ratio Lower Upper

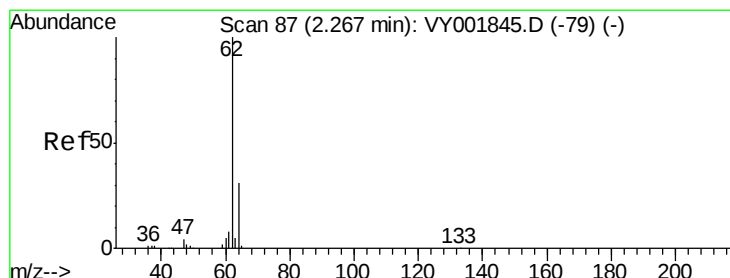
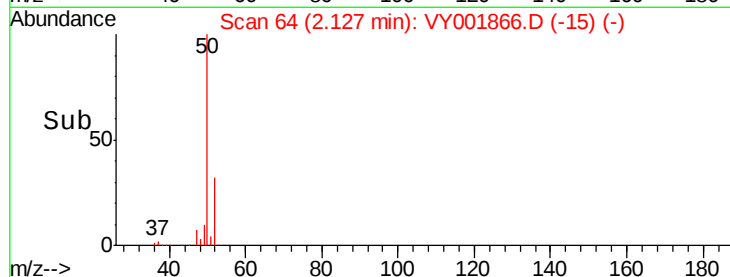
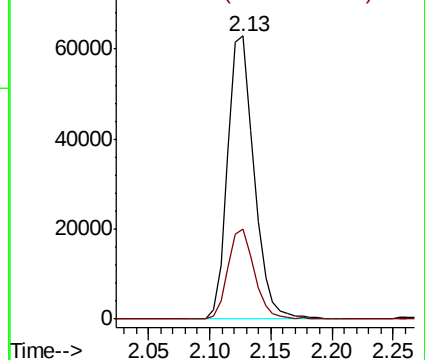
50 100

52 32.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.069 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001866.D

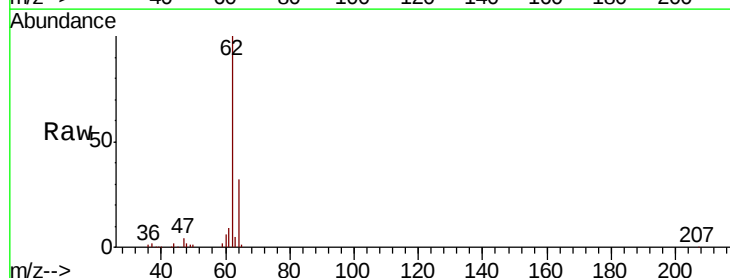
Acq: 04 Mar 2020 19:55

Tgt Ion: 62 Resp: 95913

Ion Ratio Lower Upper

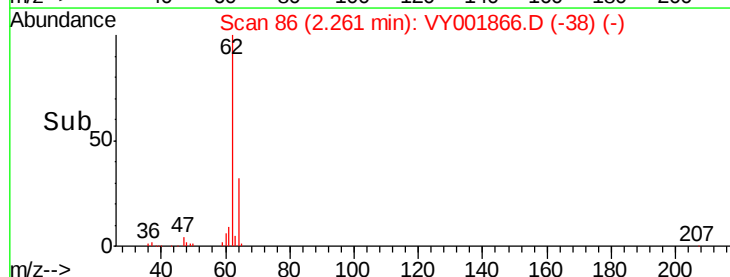
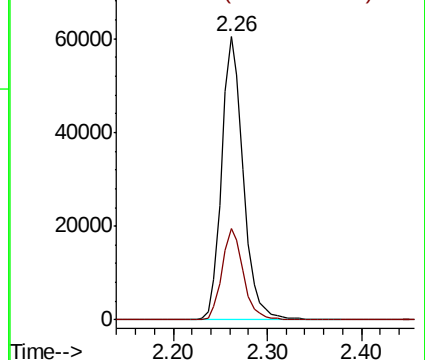
62 100

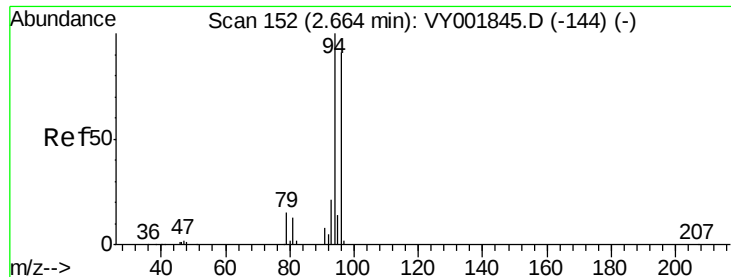
64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 58.570 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

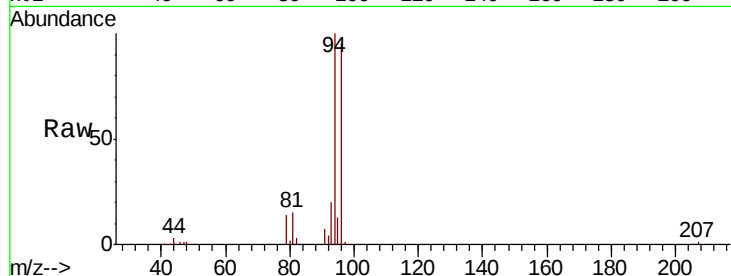
VSTDCCC050EC

Tot Ion: 94 Resp: 65722

Ion Ratio Lower Upper

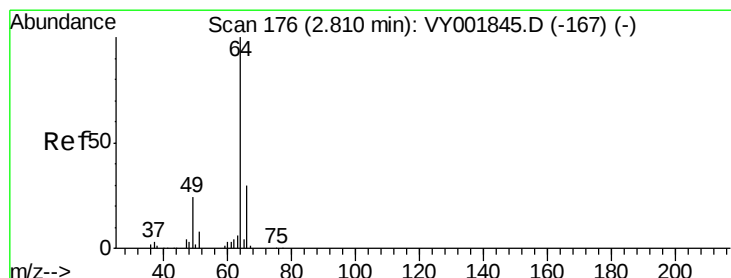
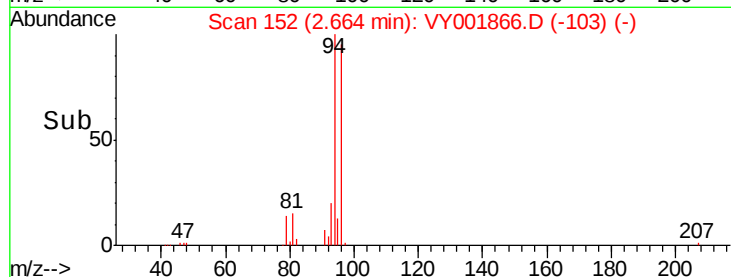
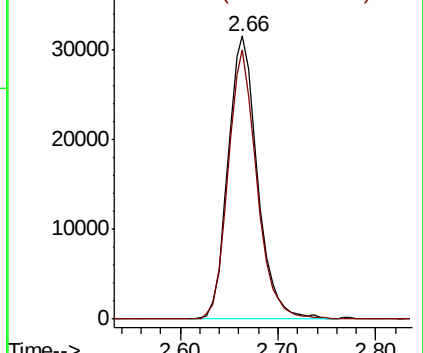
94 100

96 95.0 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: 51.342 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001866.D

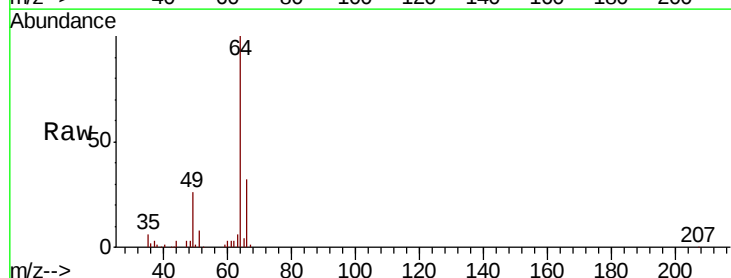
Acq: 04 Mar 2020 19:55

Tgt Ion: 64 Resp: 63042

Ion Ratio Lower Upper

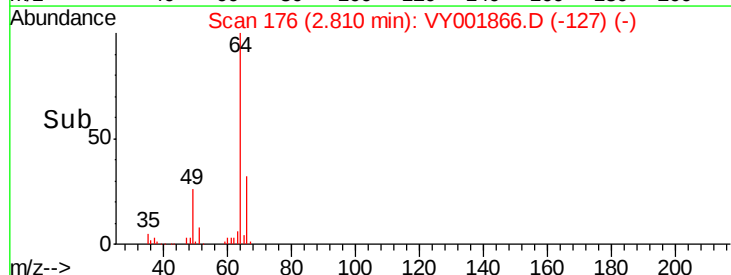
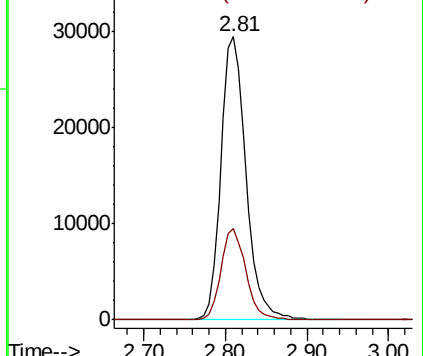
64 100

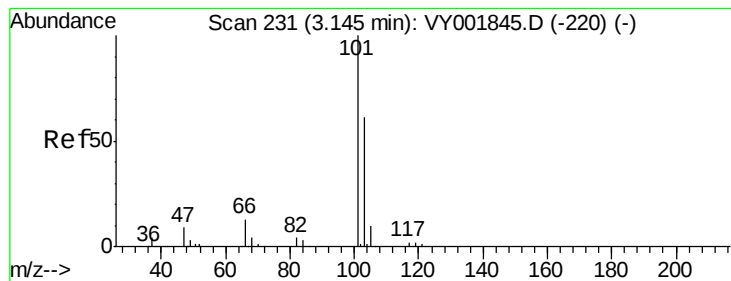
66 32.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



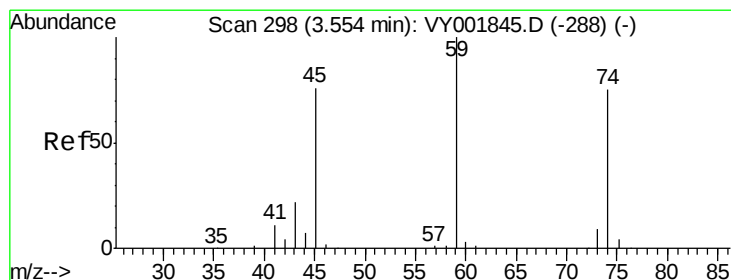
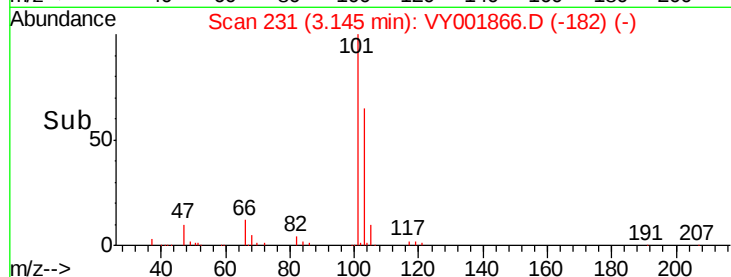
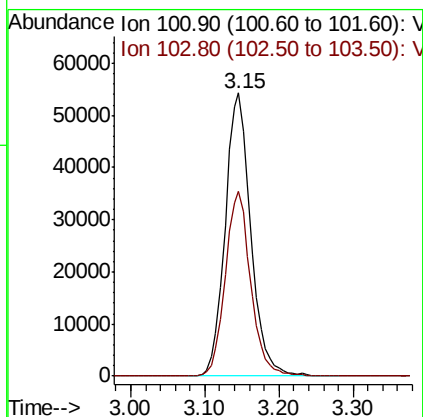
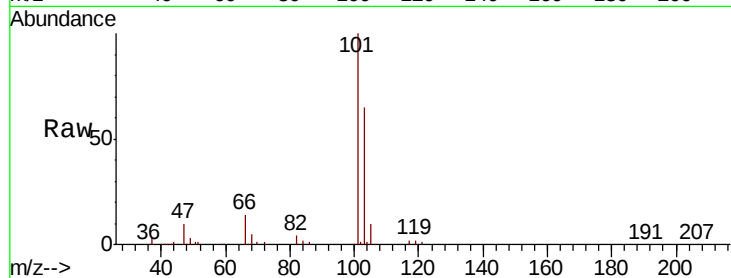


#7

Trichlorofluoromethane
 Concen: 49.132 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

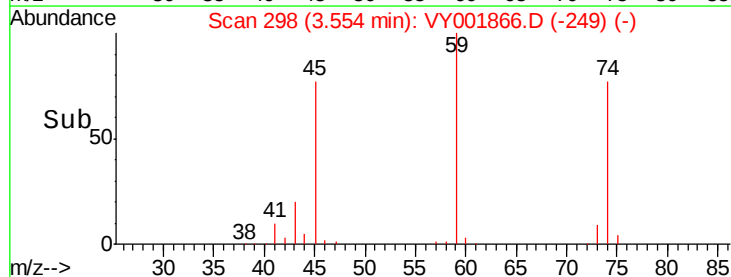
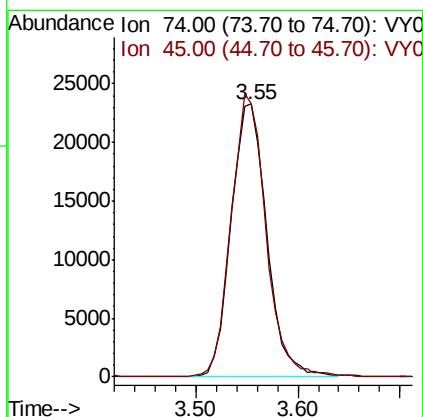
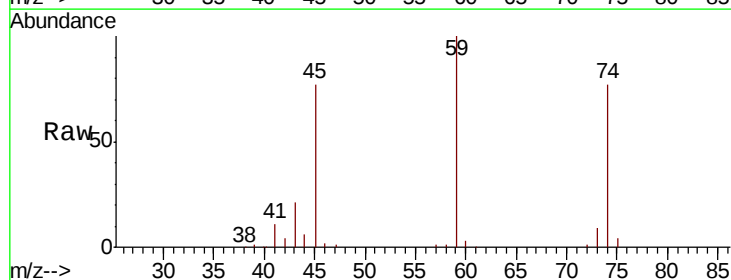
Tot Ion:101 Resp: 130246
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.1 73.7

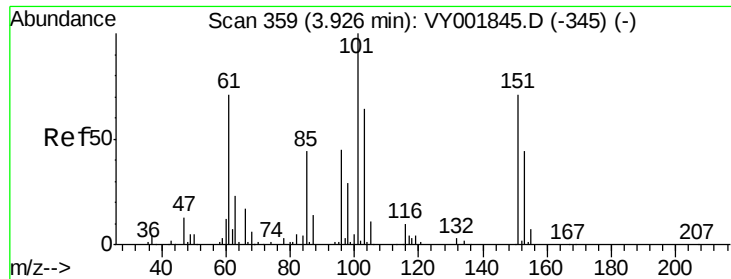


#8

Diethyl Ether
 Concen: 53.938 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion: 74 Resp: 56355
 Ion Ratio Lower Upper
 74 100
 45 101.4 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.282 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

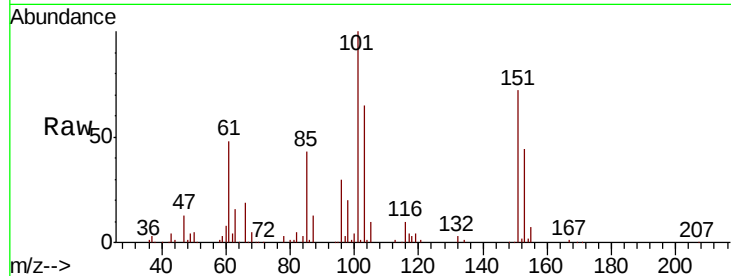
Tot Ion:101 Resp: 84027

Ion Ratio Lower Upper

101 100

85 43.5 35.3 52.9

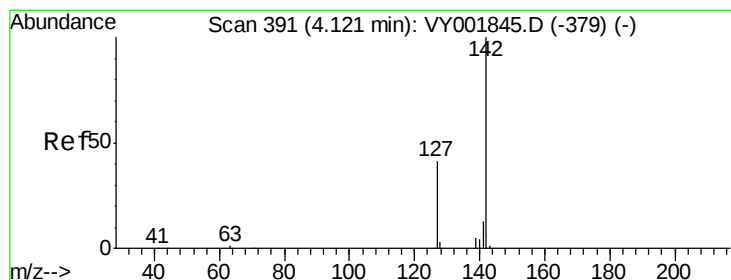
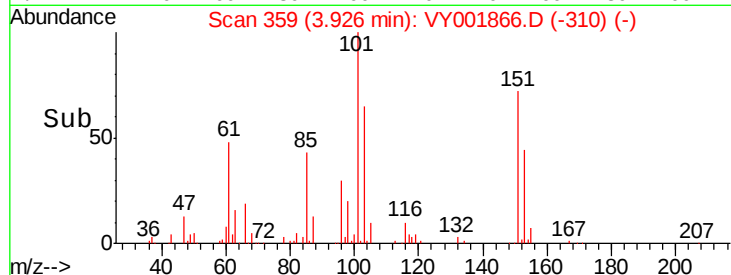
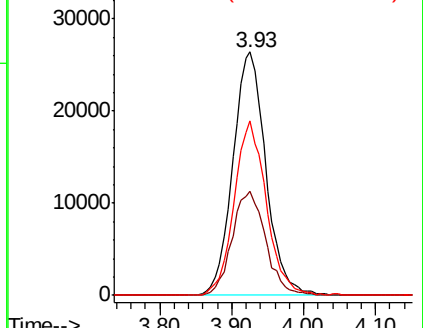
151 70.1 57.0 85.4



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: 48.703 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

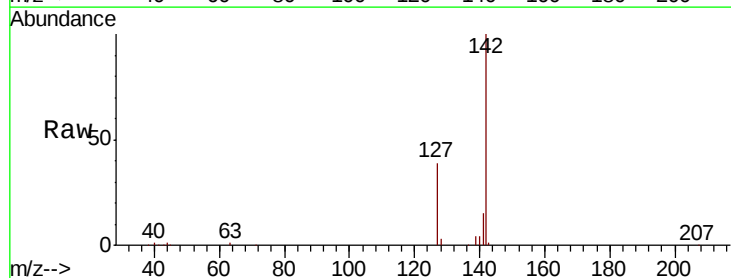
Tgt Ion:142 Resp: 96031

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

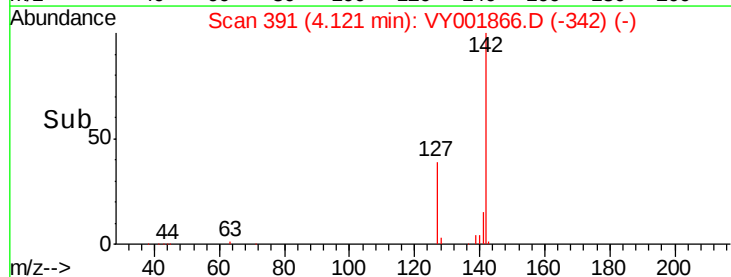
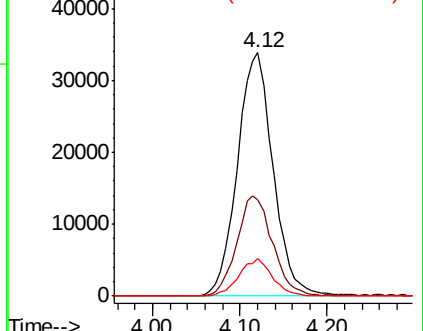
141 14.4 11.0 16.6

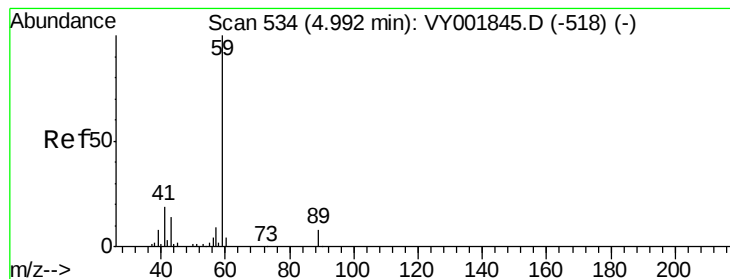


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



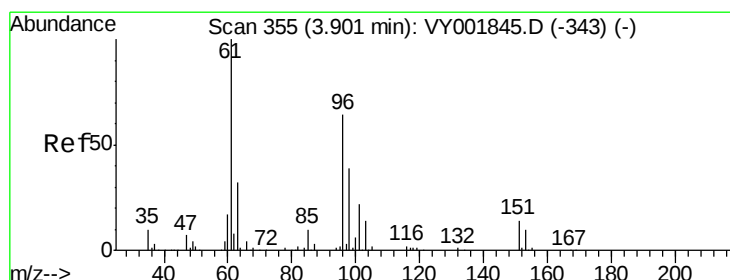
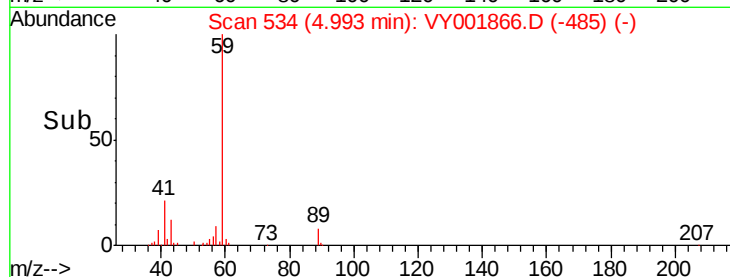
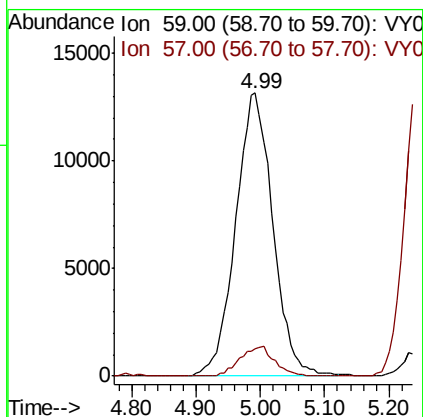
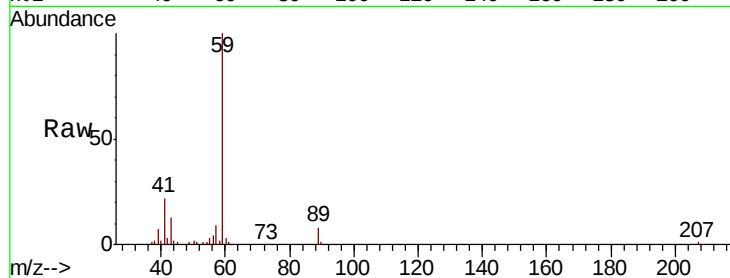


#11

Tert butyl alcohol
 Concen: 311.772 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

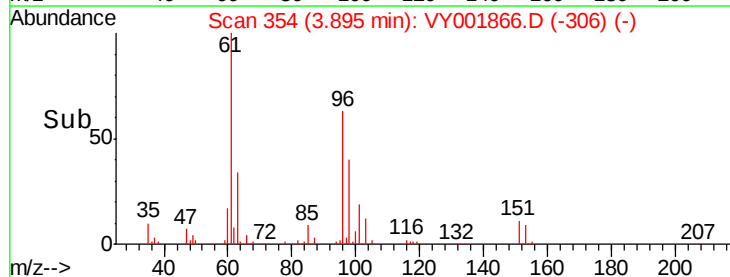
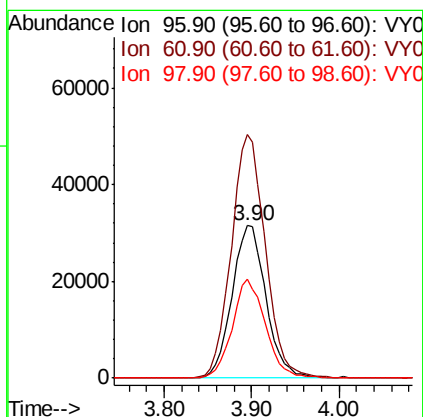
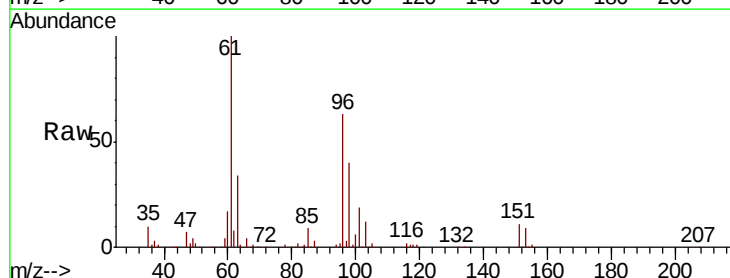
Tot Ion: 59 Resp: 52526
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.4 11.2

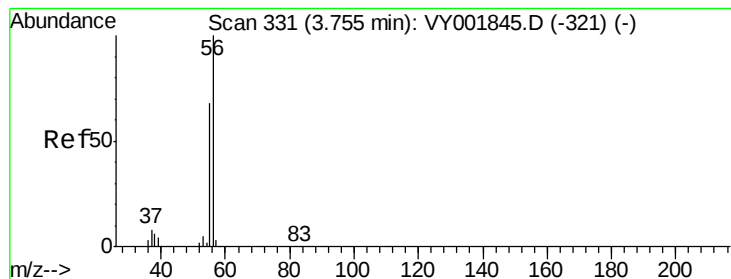


#12

1,1-Dichloroethene
 Concen: 49.609 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion: 96 Resp: 85168
 Ion Ratio Lower Upper
 96 100
 61 159.9 124.8 187.2
 98 64.7 49.2 73.8





#13

Acrolein

Concen: 263.859 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

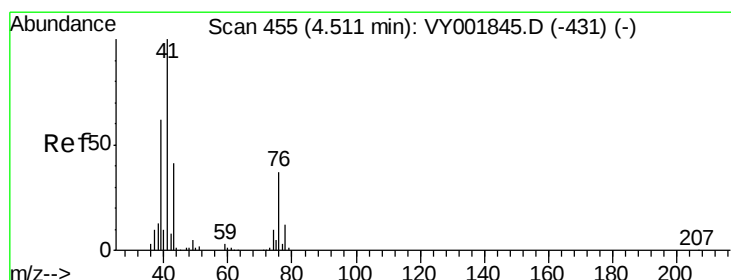
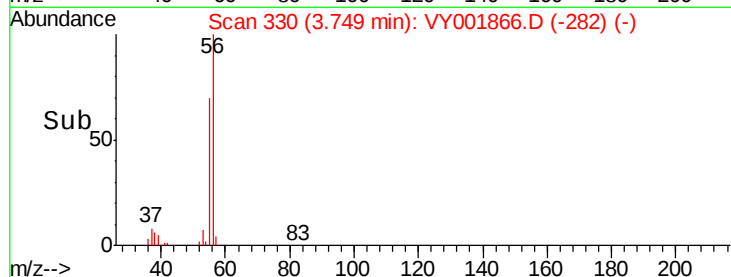
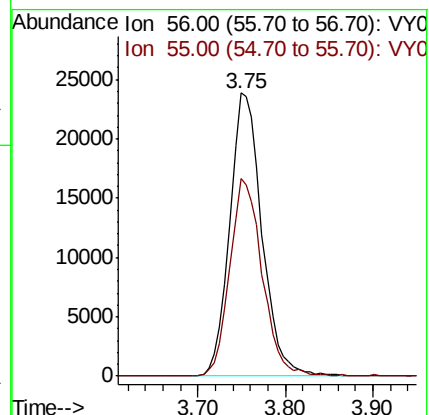
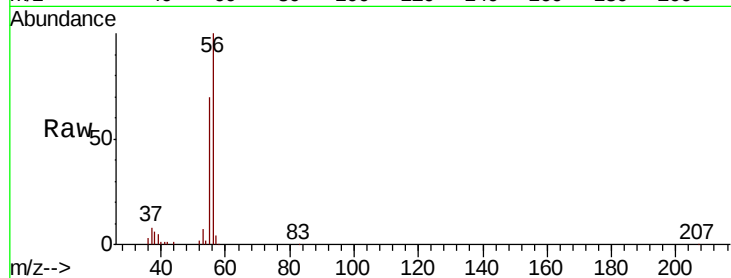
VSTDCCC050EC

Tot Ion: 56 Resp: 61122

Ion Ratio Lower Upper

56 100

55 70.4 54.0 81.0



#14

Allyl chloride

Concen: 52.319 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

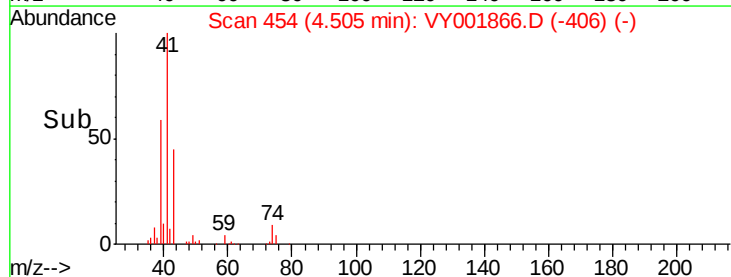
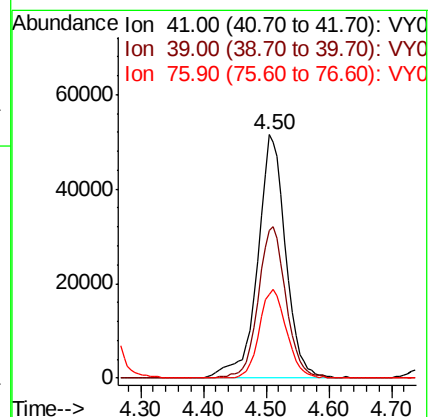
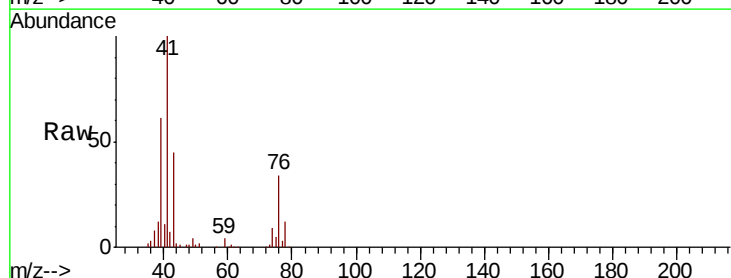
Tgt Ion: 41 Resp: 159233

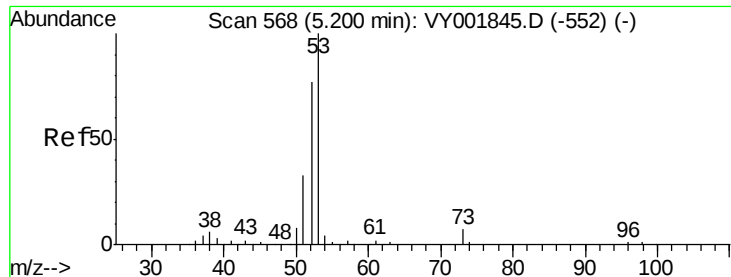
Ion Ratio Lower Upper

41 100

39 62.1 49.0 73.6

76 35.2 28.9 43.3





#15

Acrylonitrile

Concen: 284.650 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

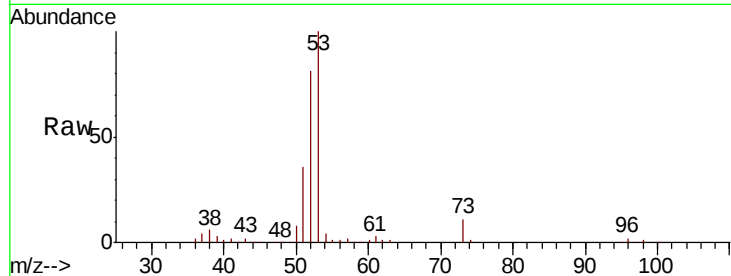
Tot Ion: 53 Resp: 158922

Ion Ratio Lower Upper

53 100

52 81.9 65.1 97.7

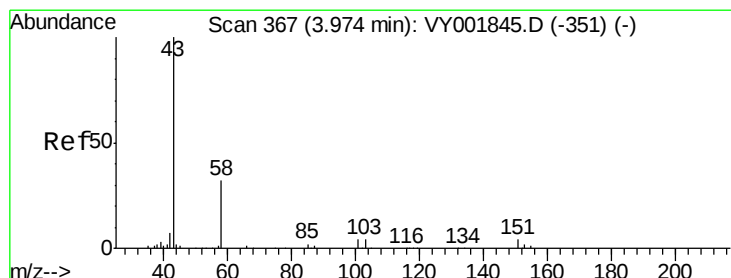
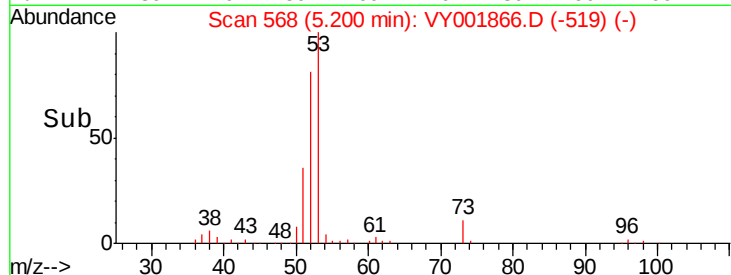
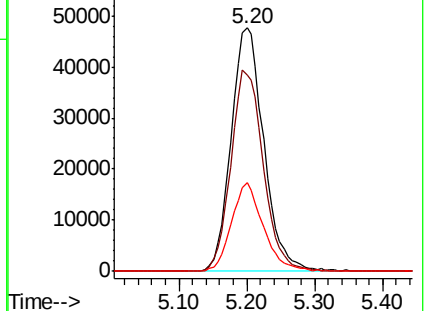
51 35.6 27.5 41.3



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: 256.217 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001866.D

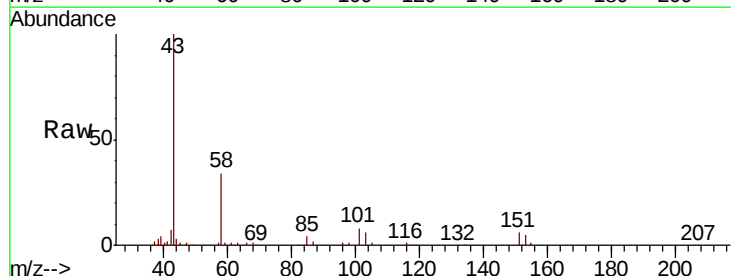
Acq: 04 Mar 2020 19:55

Tgt Ion: 43 Resp: 123017

Ion Ratio Lower Upper

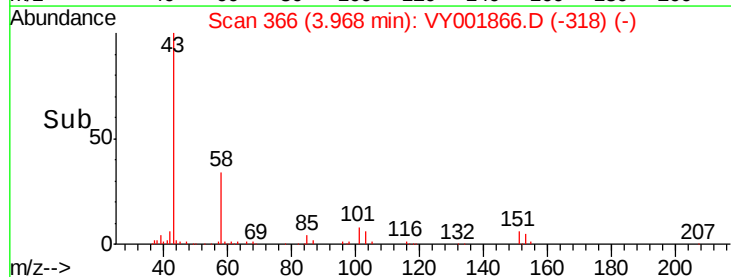
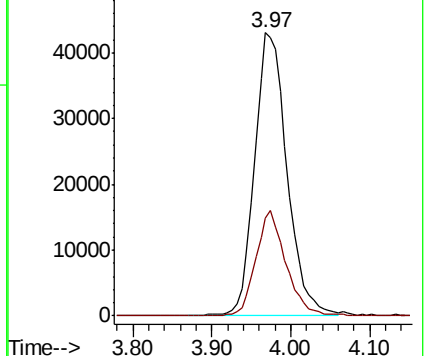
43 100

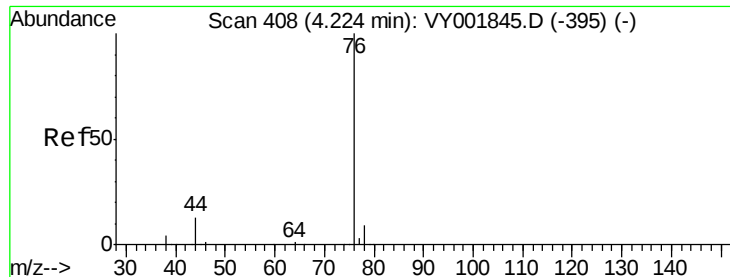
58 34.4 25.9 38.9



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

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

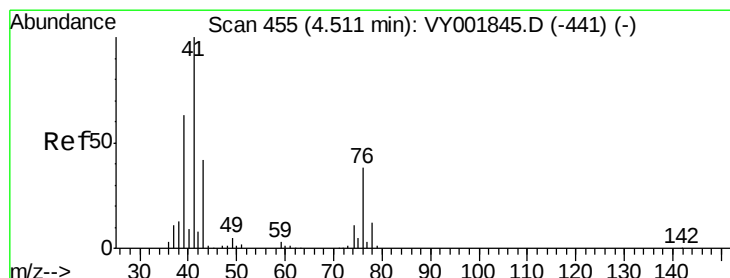
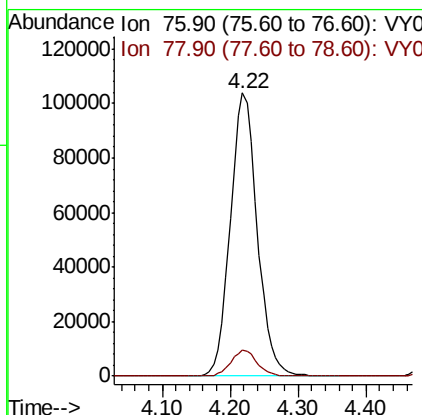
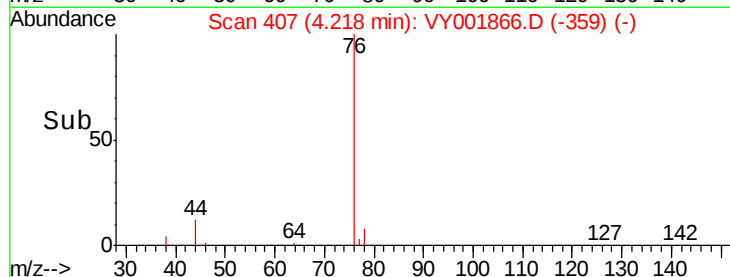
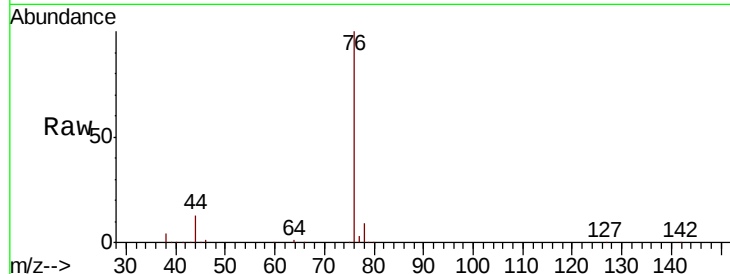




#17
Carbon Disulfide
Concen: 49.421 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

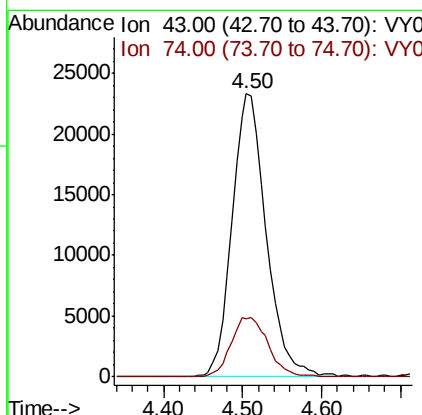
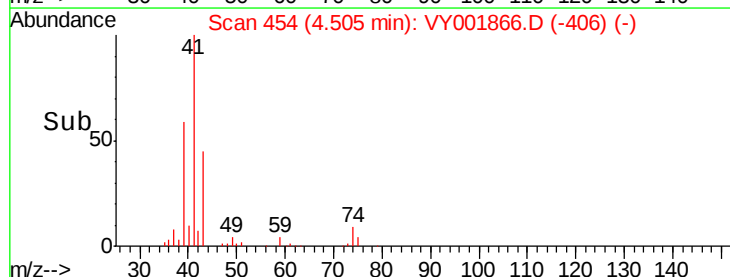
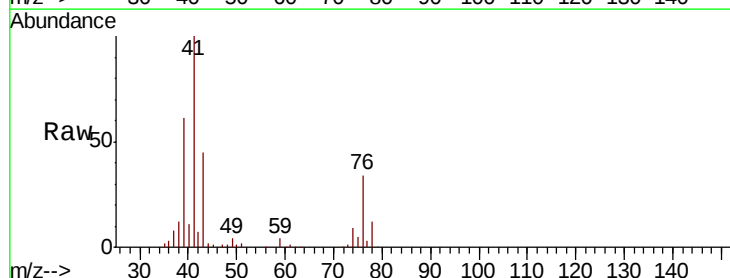
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

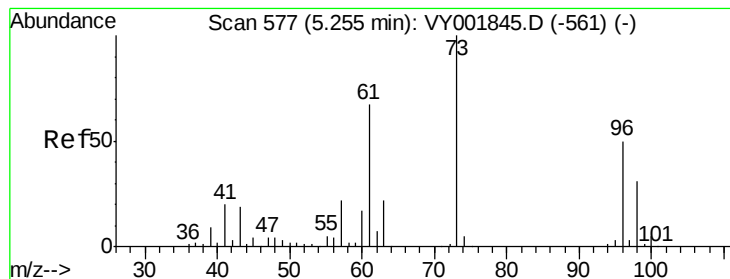
Tot Ion: 76 Resp: 285219
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 56.796 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 43 Resp: 70066
Ion Ratio Lower Upper
43 100
74 22.8 19.0 28.6



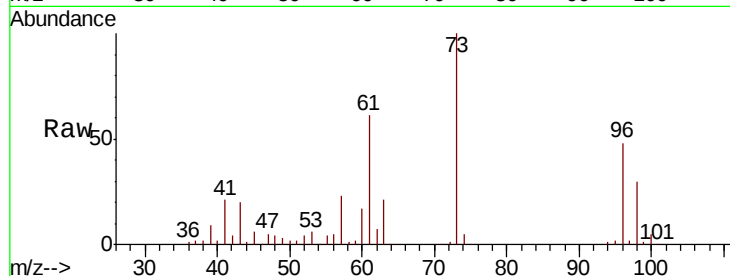


#19

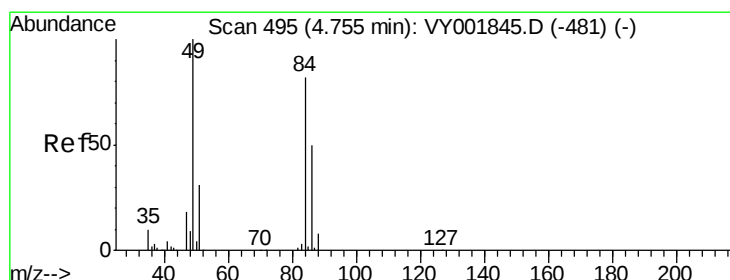
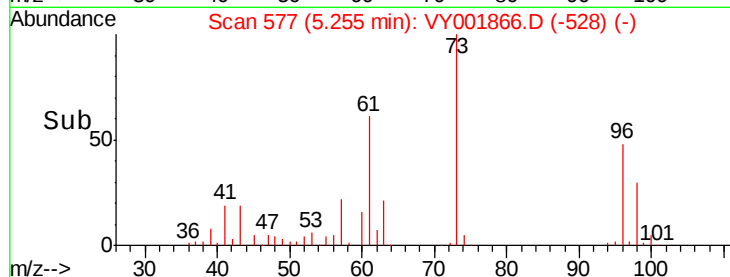
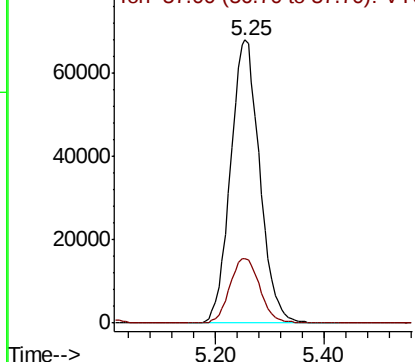
Methyl tert-butyl Ether
 Concen: 54.752 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 254724
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.4 26.2



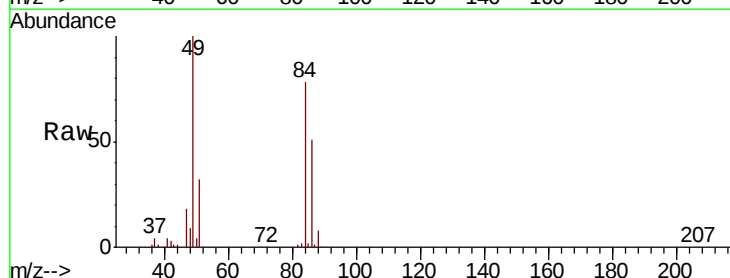
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



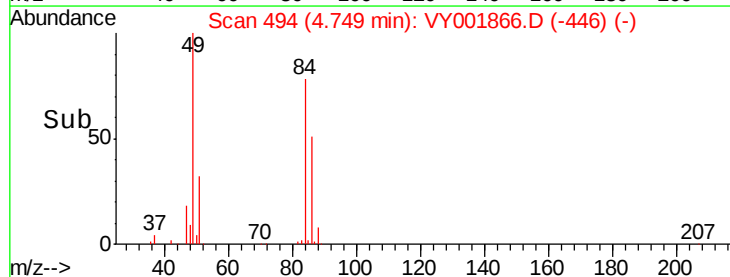
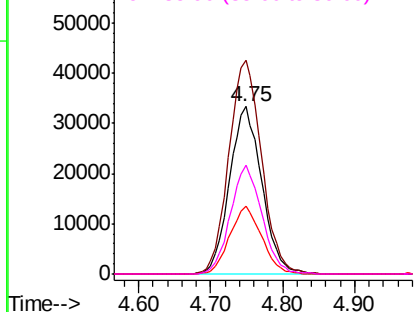
#20

Methylene Chloride
 Concen: 50.455 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion: 84 Resp: 103824
 Ion Ratio Lower Upper
 84 100
 49 127.6 98.2 147.2
 51 40.3 30.2 45.2
 86 65.4 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: 50.931 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

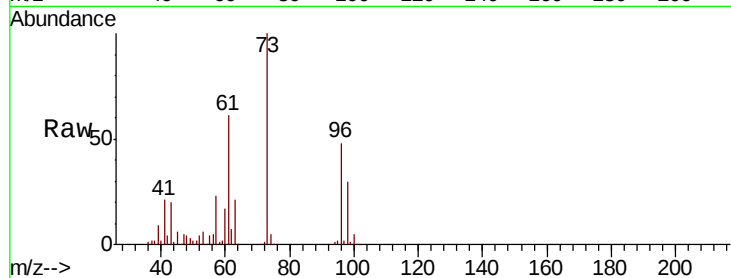
Tot Ion: 96 Resp: 99245

Ion Ratio Lower Upper

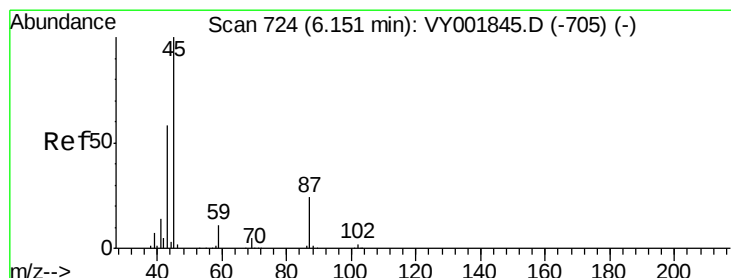
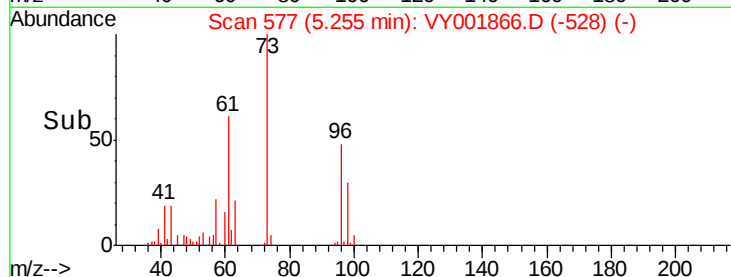
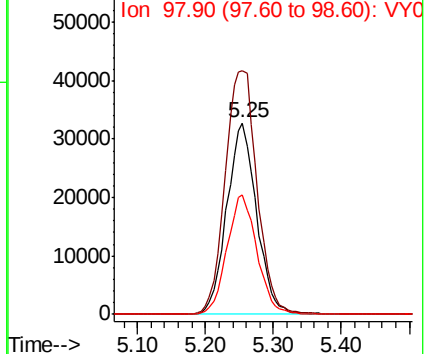
96 100

61 127.1 107.7 161.5

98 62.1 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: 54.044 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Tgt Ion: 45 Resp: 337164

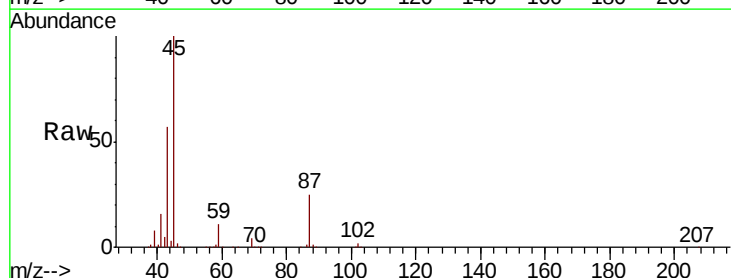
Ion Ratio Lower Upper

45 100

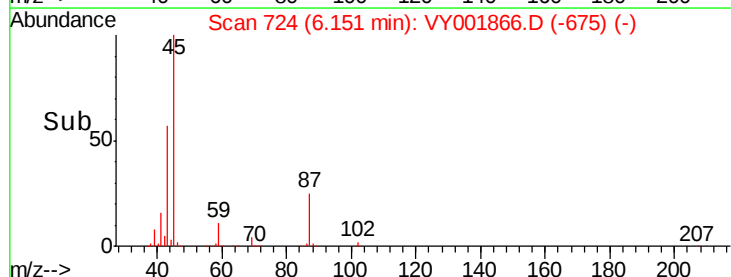
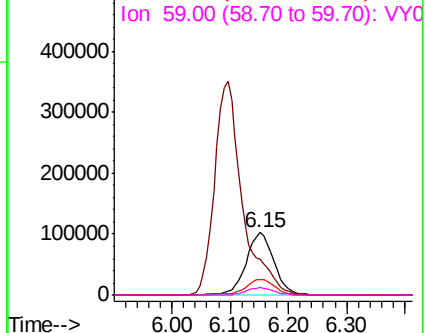
43 56.5 47.2 70.8

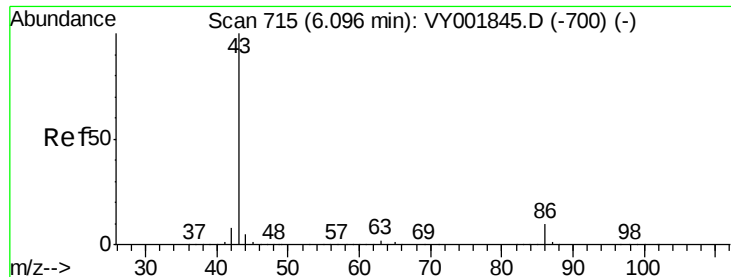
87 24.7 19.8 29.8

59 11.3 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: 284.294 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

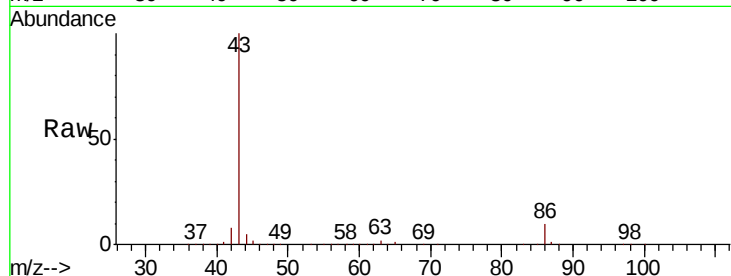
VSTDCCC050EC

Tot Ion: 43 Resp: 1162731

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-700) (-)

Ion 86.00 (85.70 to 86.70): VY001845.D (-700) (-)

6.10

400000

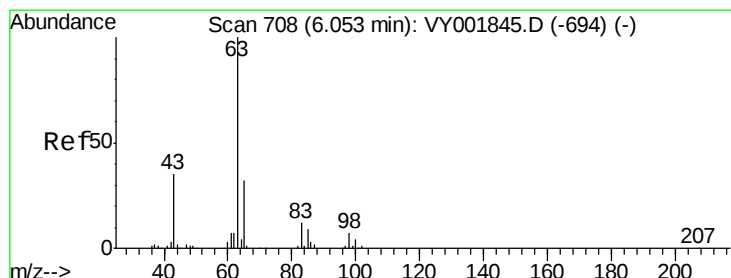
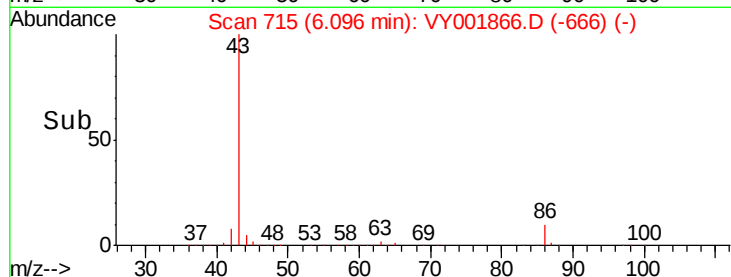
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.347 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

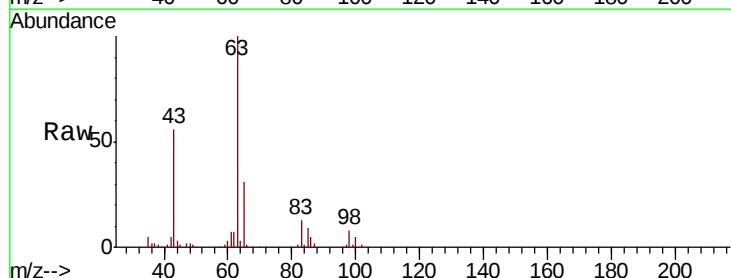
Tgt Ion: 63 Resp: 173472

Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.2

100 5.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY001845.D (-694) (-)

Ion 97.90 (97.60 to 98.60): VY001845.D (-694) (-)

Ion 99.90 (99.60 to 100.60): VY001845.D (-694) (-)

6.05

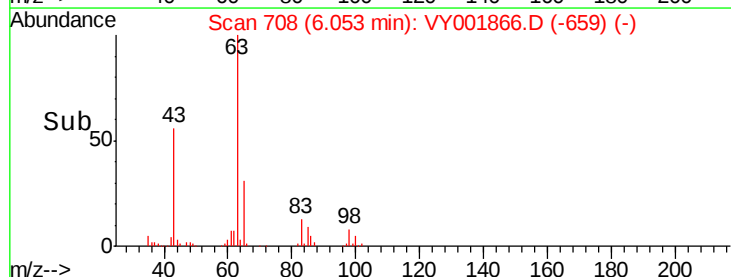
60000

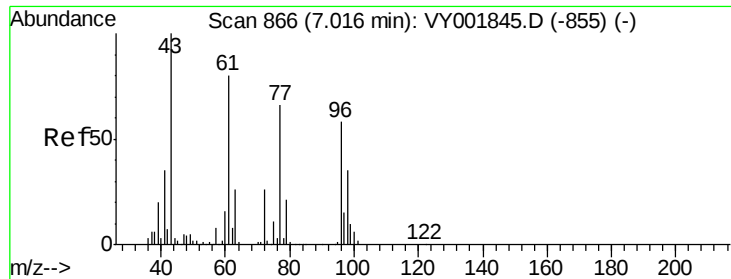
40000

20000

0

Time-->





#25

2-Butanone

Concen: 284.046 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

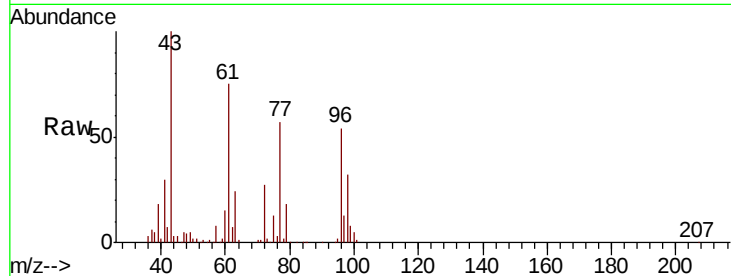
VSTDCCC050EC

Tot Ion: 43 Resp: 207394

Ion Ratio Lower Upper

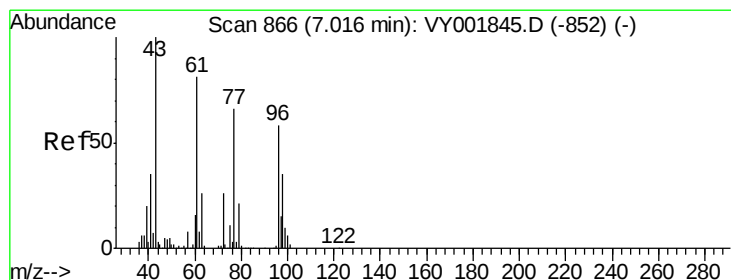
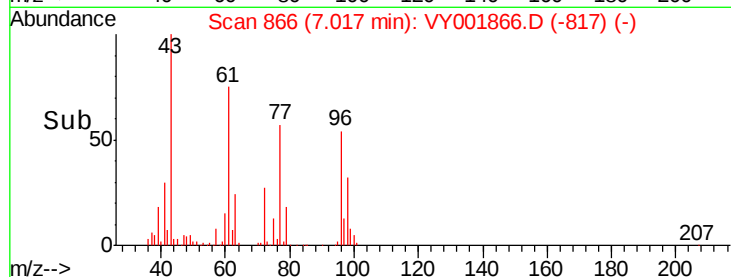
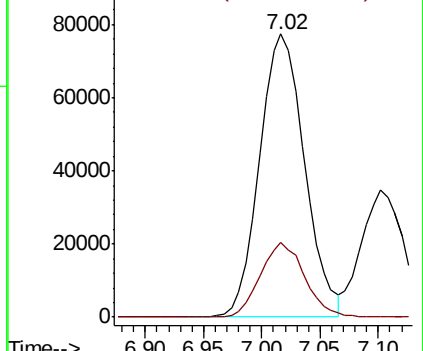
43 100

72 26.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.078 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001866.D

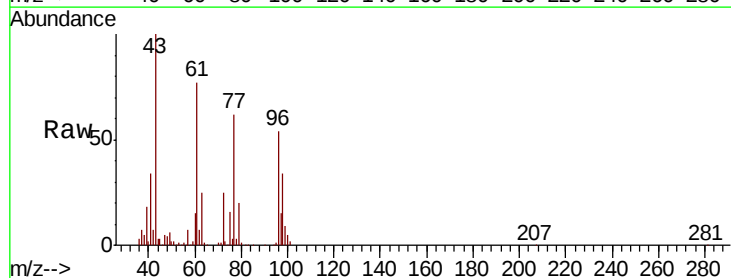
Acq: 04 Mar 2020 19:55

Tgt Ion: 77 Resp: 136089

Ion Ratio Lower Upper

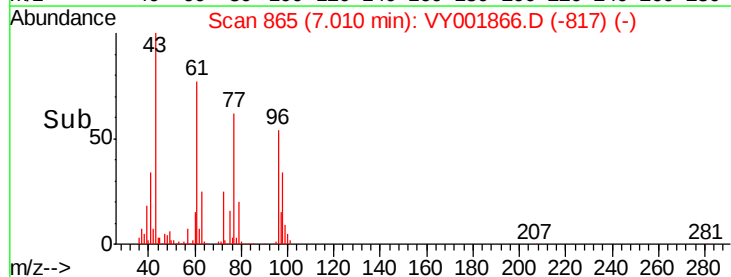
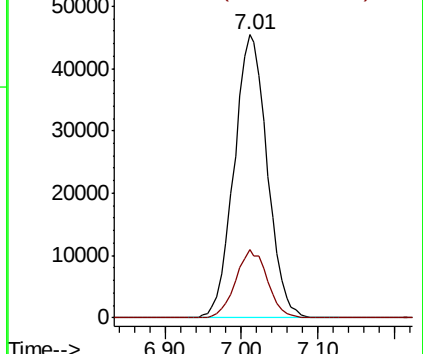
77 100

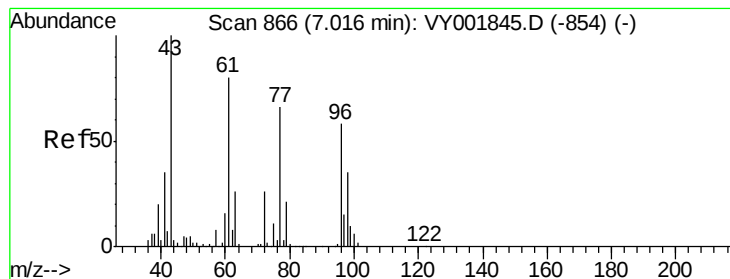
97 23.1 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



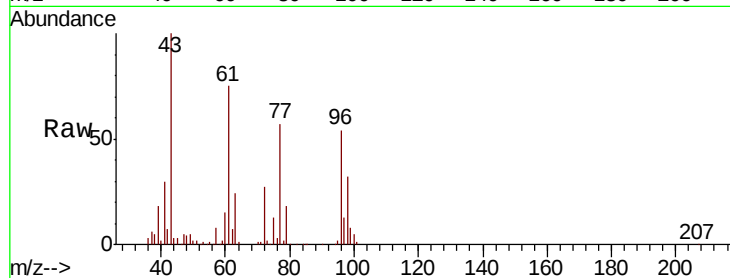


#27

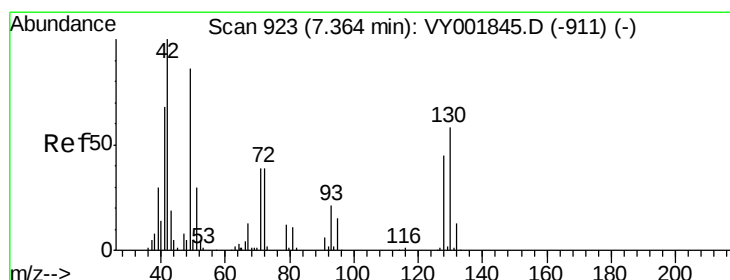
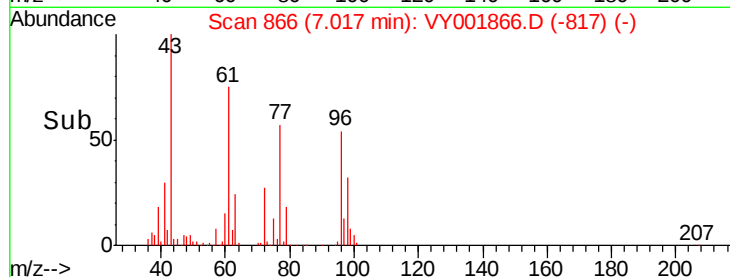
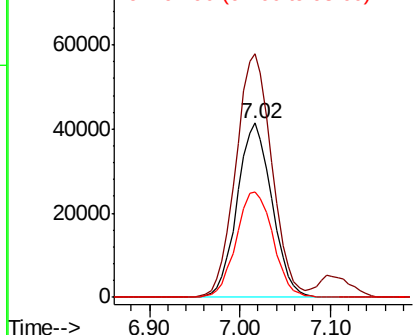
cis-1,2-Dichloroethene
 Concen: 52.057 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 110342
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 288.2
 98 63.9 0.0 129.0



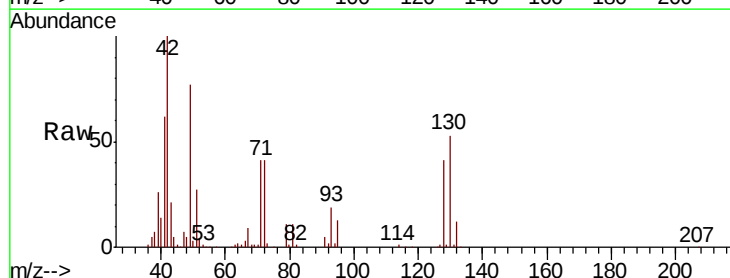
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



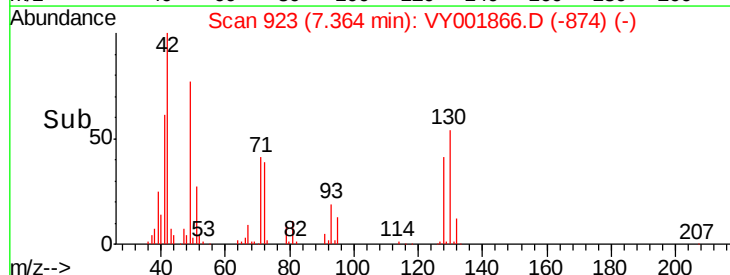
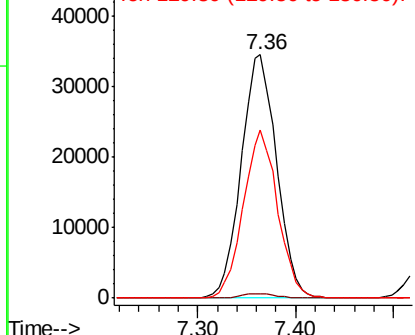
#28

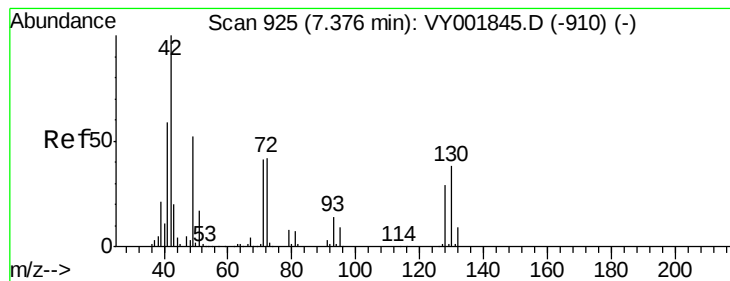
Bromochloromethane
 Concen: 56.827 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion: 49 Resp: 86537
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 66.7 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 292.696 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

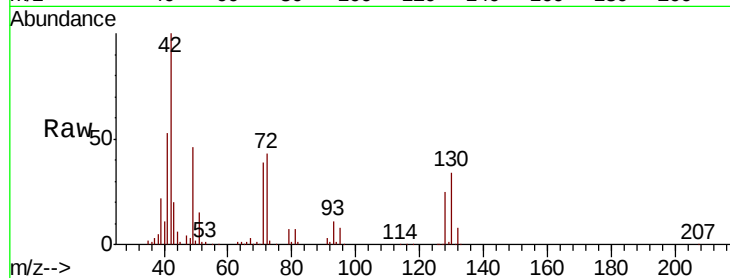
Tot Ion: 42 Resp: 141917

Ion Ratio Lower Upper

42 100

72 41.7 33.5 50.3

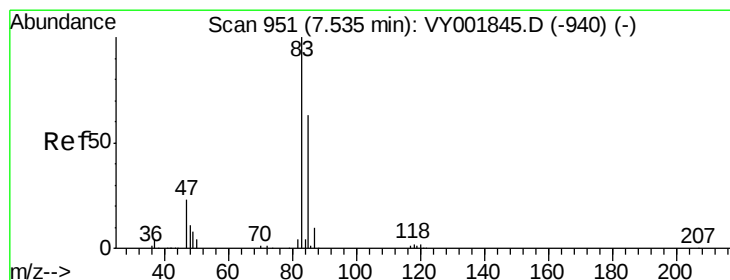
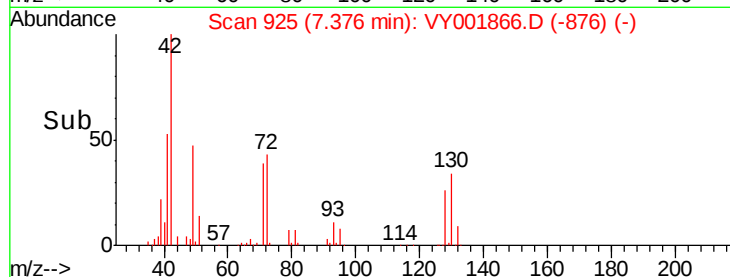
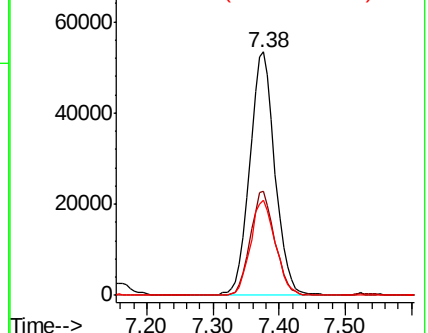
71 38.6 31.3 46.9



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: 52.038 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.00 min

Lab File: VY001866.D

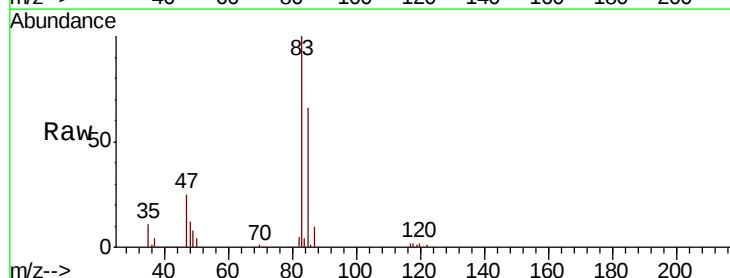
Acq: 04 Mar 2020 19:55

Tgt Ion: 83 Resp: 165176

Ion Ratio Lower Upper

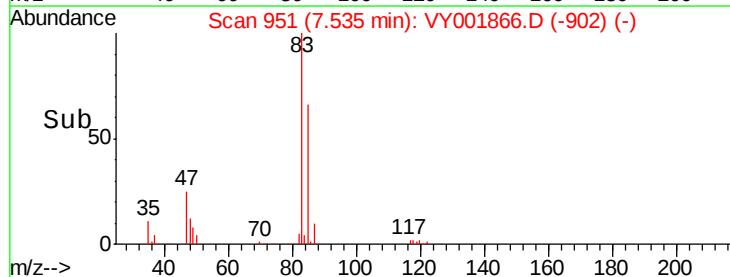
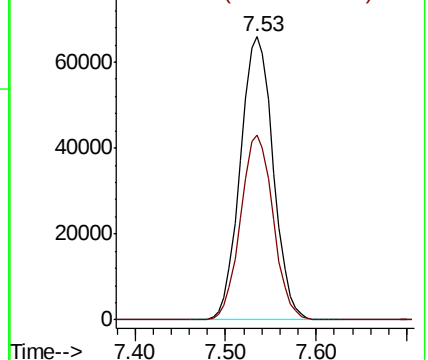
83 100

85 65.5 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: 48.111 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

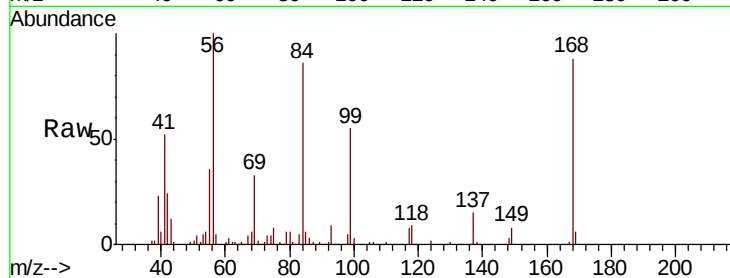
Tot Ion: 56 Resp: 174280

Ion Ratio Lower Upper

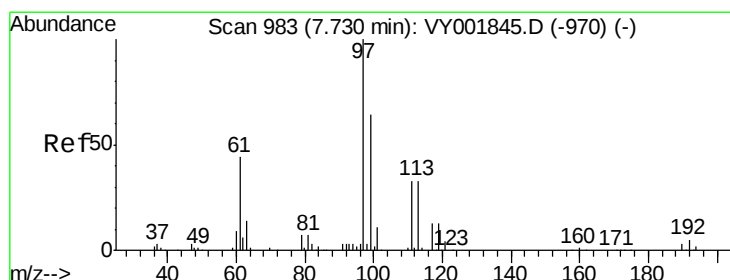
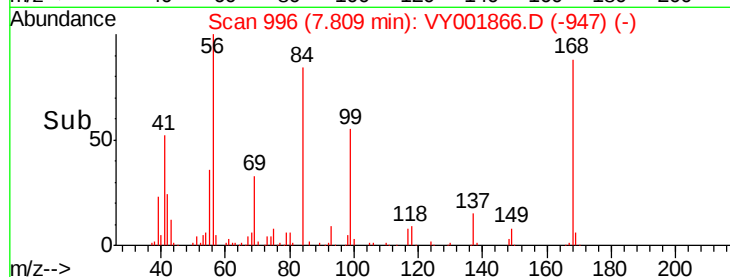
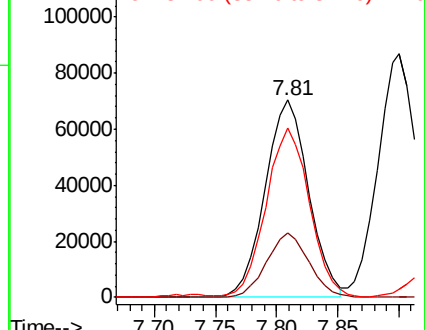
56 100

69 32.8 26.7 40.1

84 84.5 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: 50.681 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

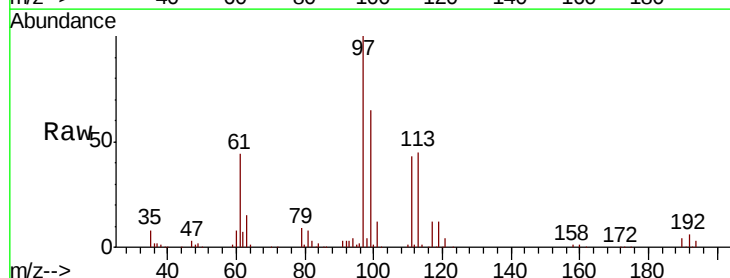
Tgt Ion: 97 Resp: 135587

Ion Ratio Lower Upper

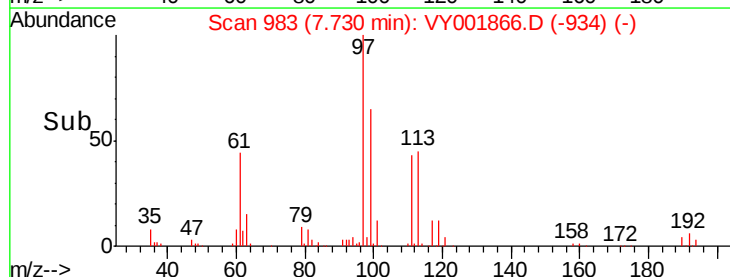
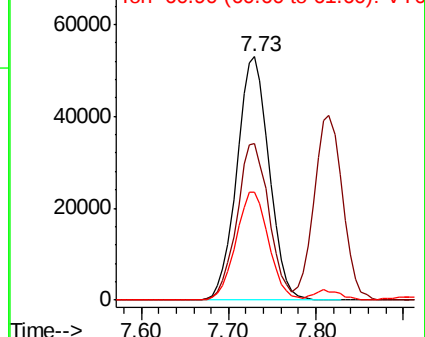
97 100

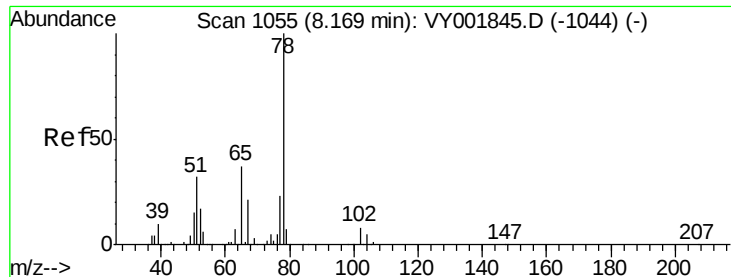
99 64.2 52.0 78.0

61 45.1 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: 54.859 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

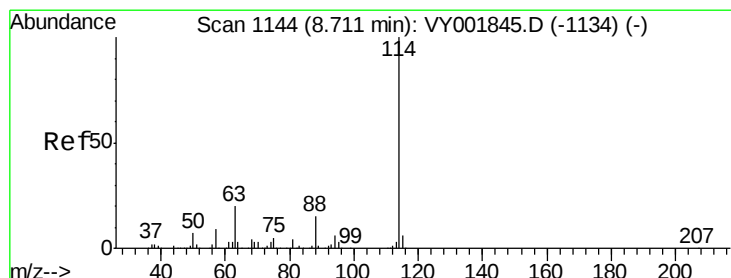
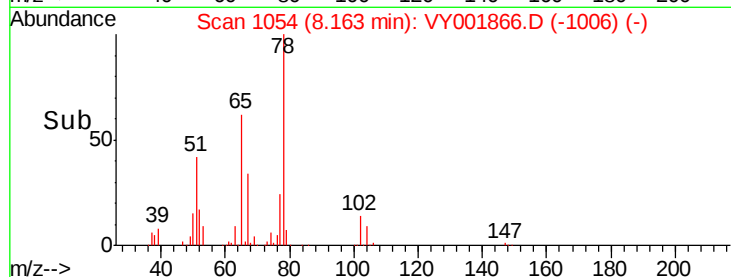
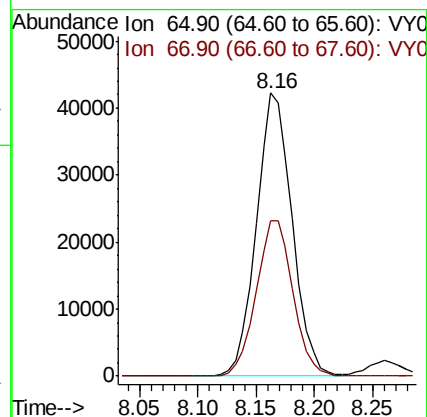
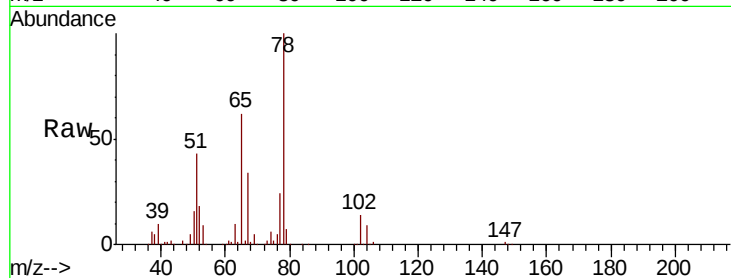
VSTDCCC050EC

Tot Ion: 65 Resp: 90432

Ion Ratio Lower Upper

65 100

67 56.5 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

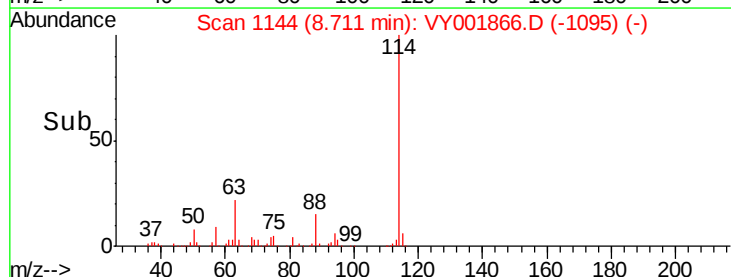
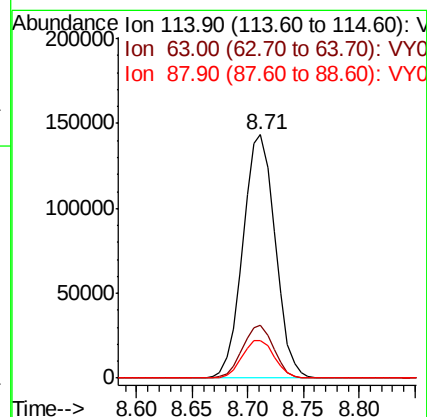
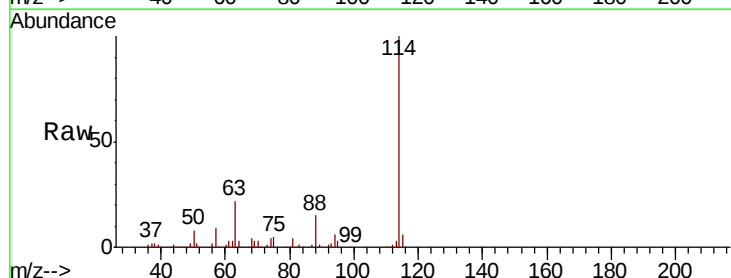
Tgt Ion: 114 Resp: 289234

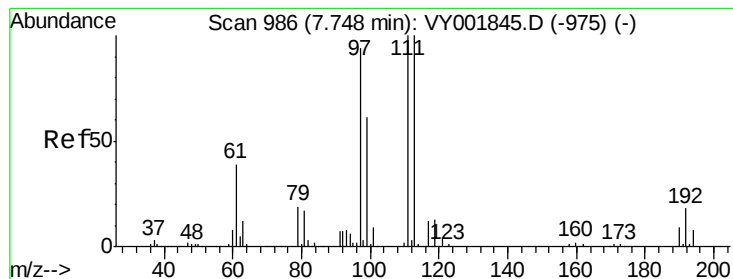
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.4

88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.821 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

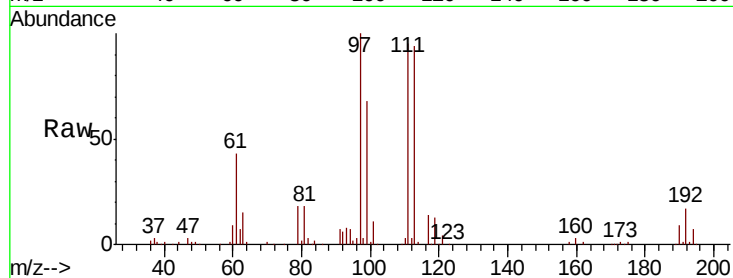
Tot Ion:113 Resp: 81843

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

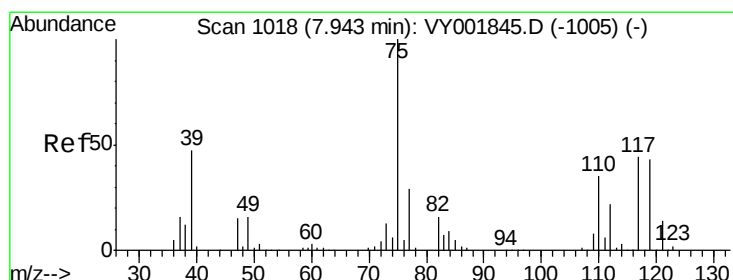
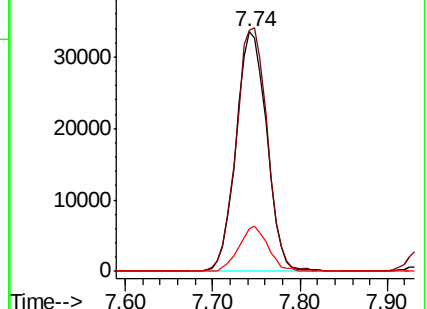
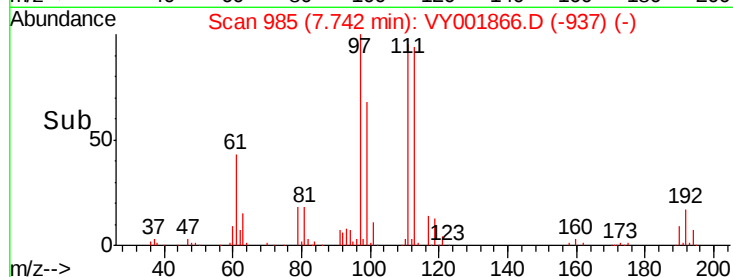
192 17.6 14.2 21.2



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: 48.651 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

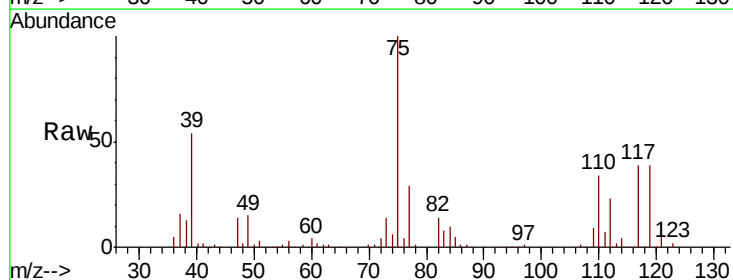
Tgt Ion: 75 Resp: 135410

Ion Ratio Lower Upper

75 100

110 35.1 17.4 52.2

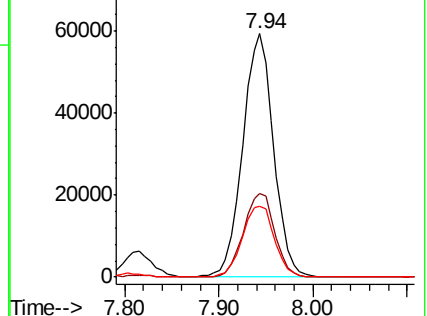
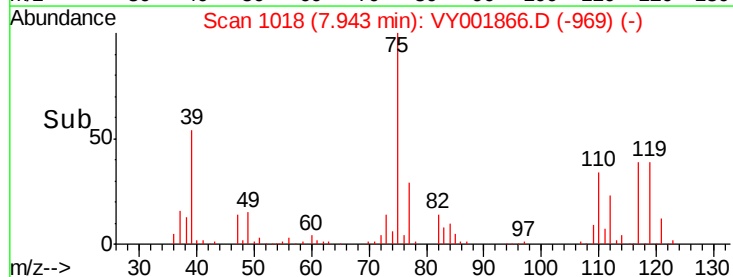
77 30.8 24.2 36.2

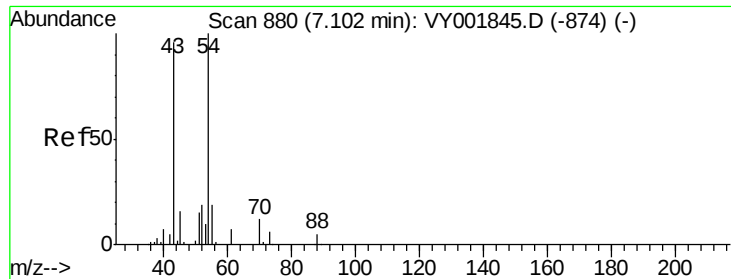


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

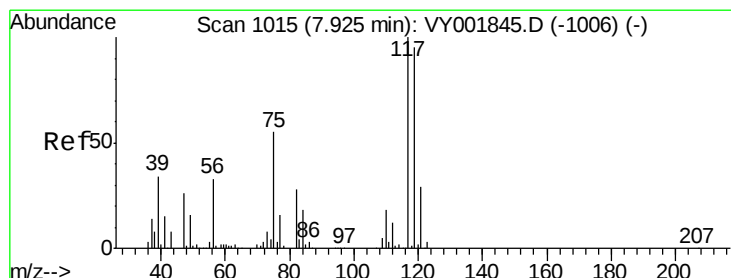
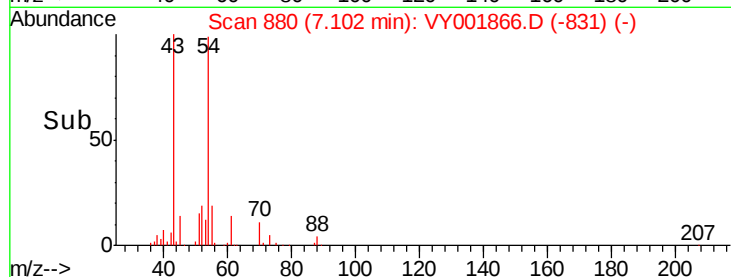
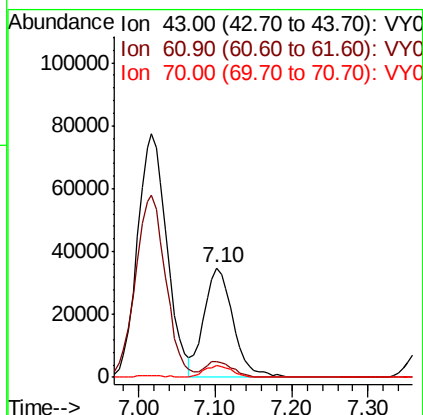
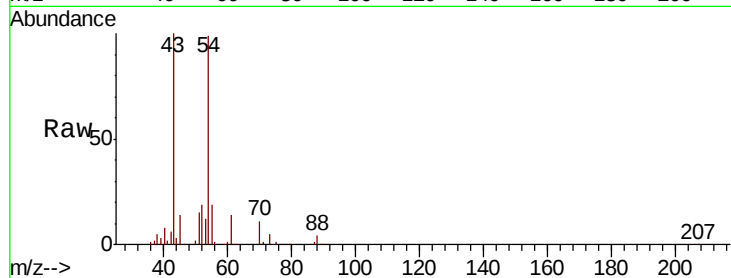




#37
Ethyl Acetate
Concen: 56.932 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

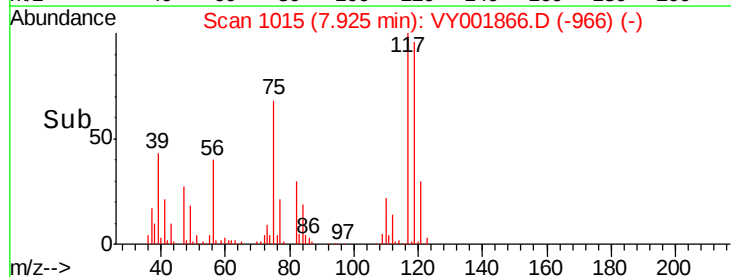
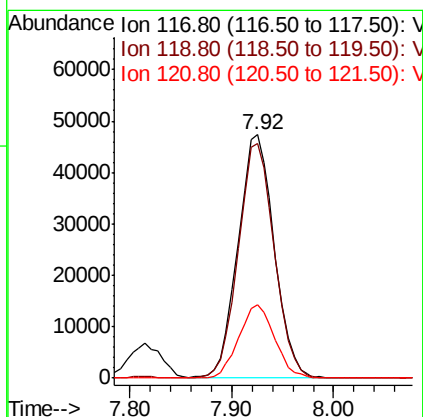
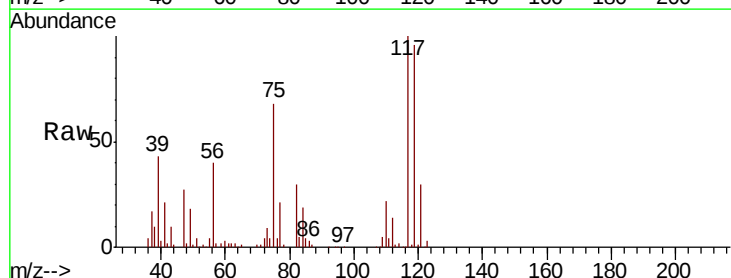
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

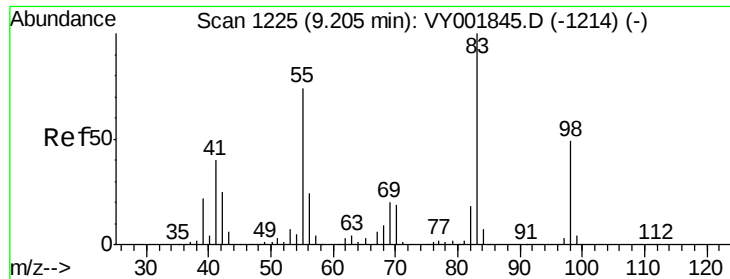
Tot Ion: 43 Resp: 92097
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 10.6 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.046 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 117 Resp: 116615
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5
121 30.3 23.5 35.3

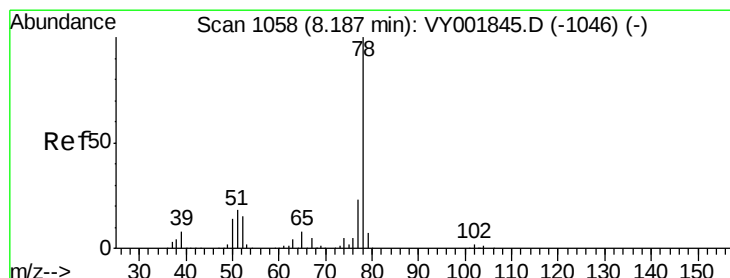
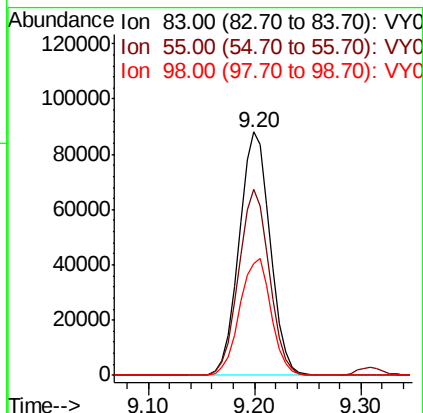
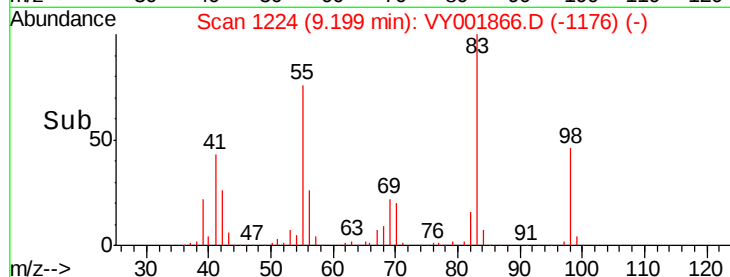
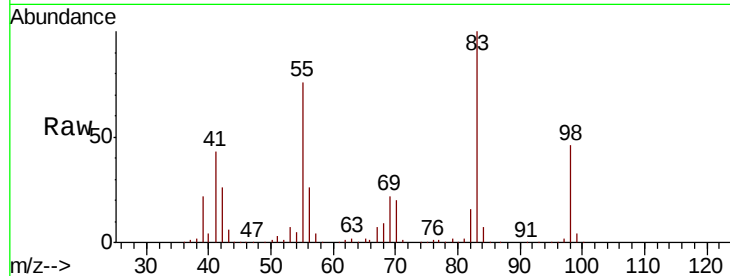




#39
Methvlcvclohexane
Concen: 48.785 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

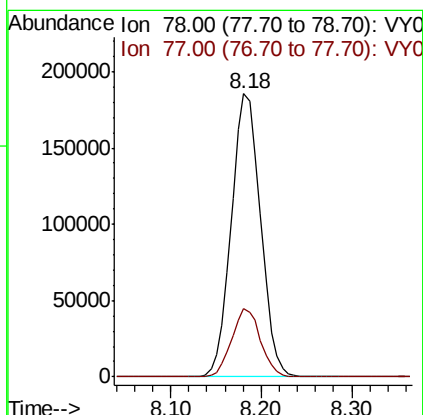
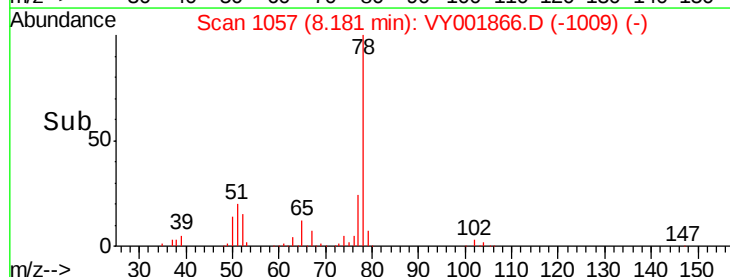
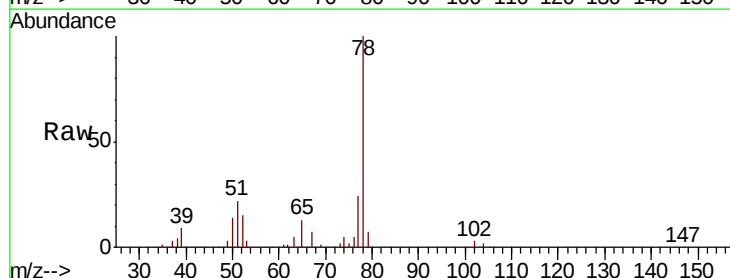
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 180093
Ion Ratio Lower Upper
83 100
55 76.5 59.4 89.0
98 46.0 38.9 58.3



#40
Benzene
Concen: 50.264 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 78 Resp: 414667
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

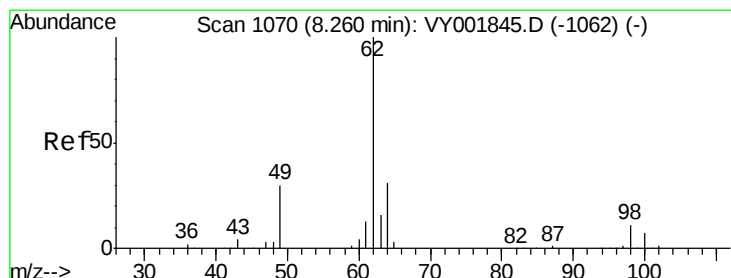
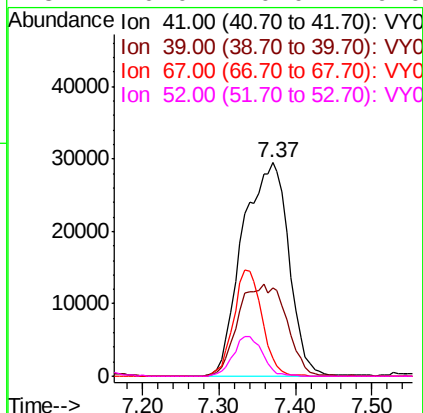
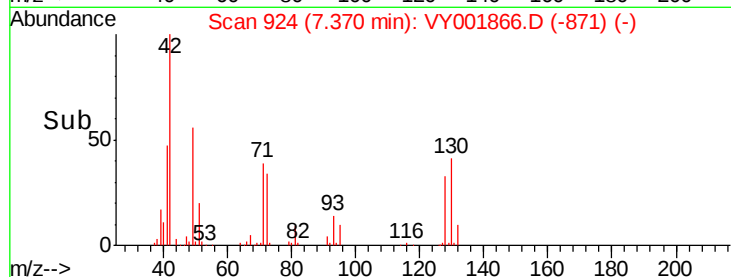
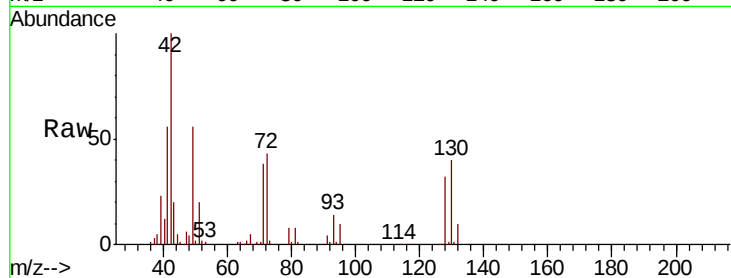




#41
Methacrylonitrile
Concen: 170.237 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

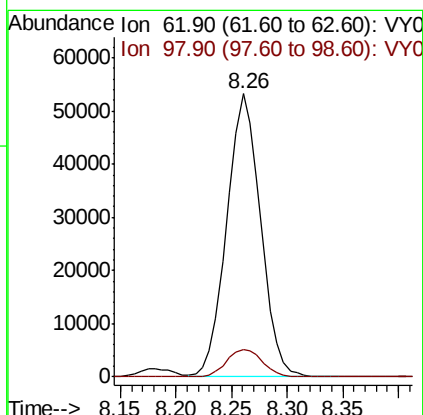
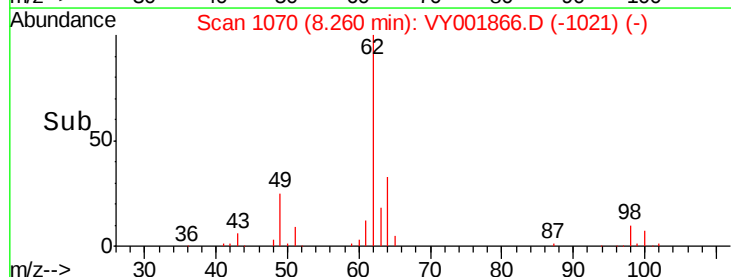
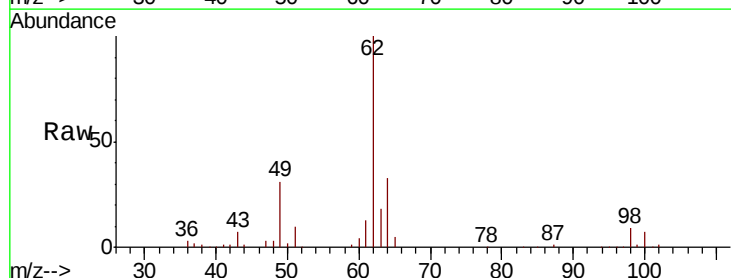
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

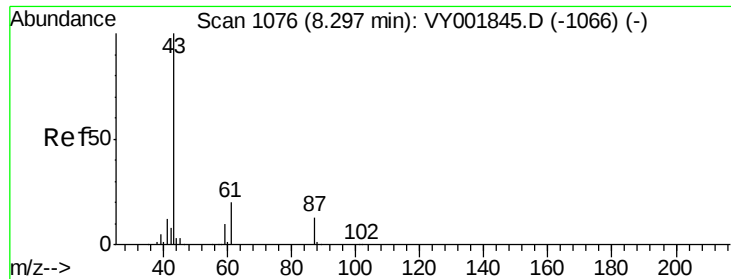
Tot Ion: 41 Resp: 123934
Ion Ratio Lower Upper
41 100
39 44.9 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.633 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 62 Resp: 111888
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.4



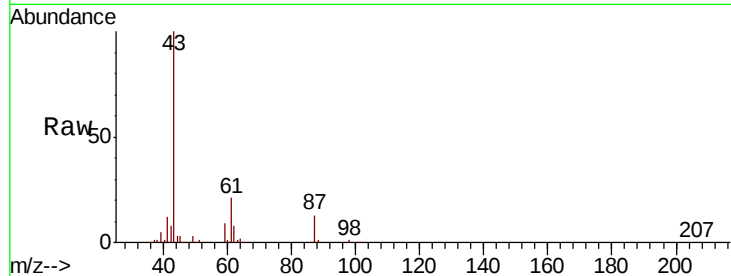


#43

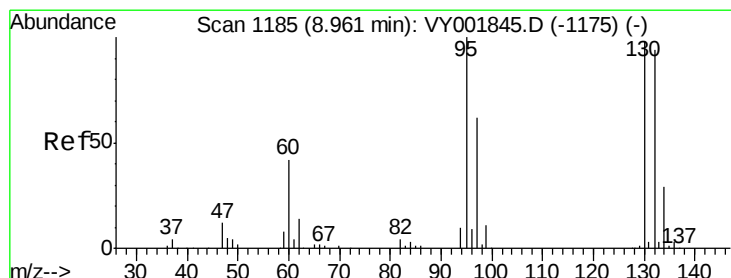
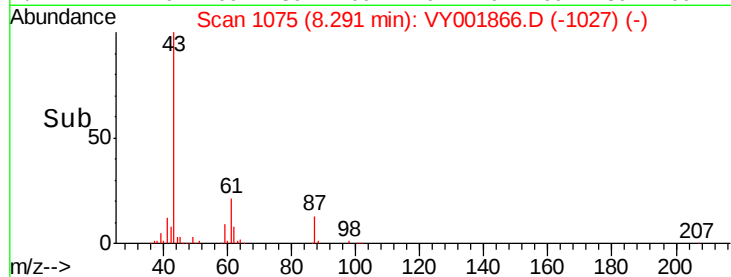
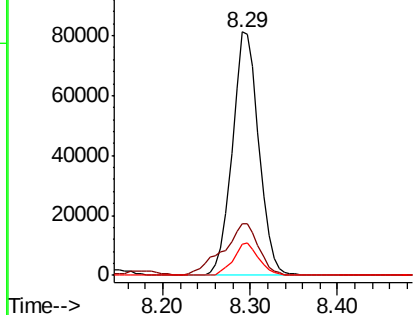
Isopropyl Acetate
 Concen: 55.745 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	170731
Ion Ratio	Lower	Upper	
43	100		
61	28.6	23.8	35.6
87	12.8	10.9	16.3



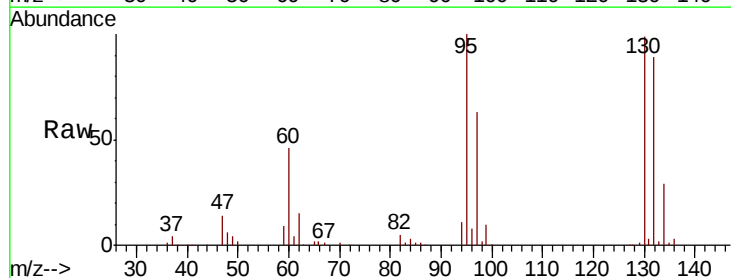
Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)
 Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)
 Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)



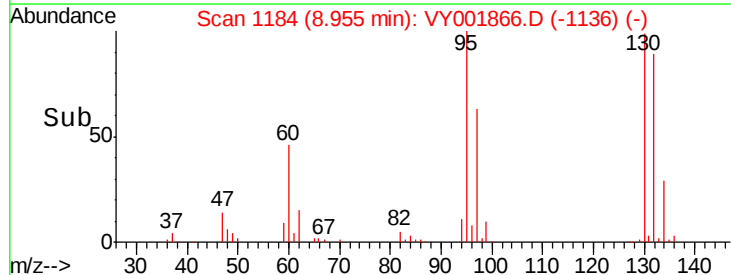
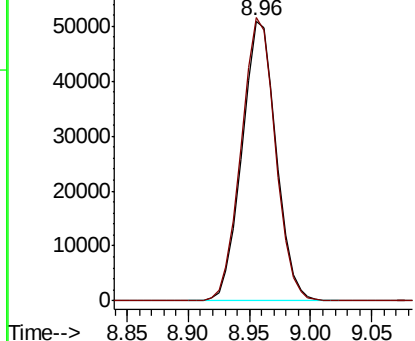
#44

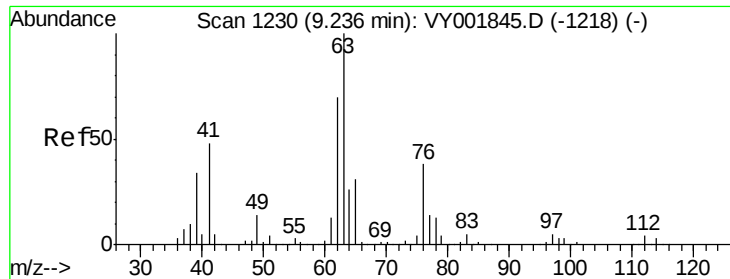
Trichloroethene
 Concen: 49.130 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion	130	Resp	98711
Ion Ratio	Lower	Upper	
130	100		
95	101.0	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) (-)

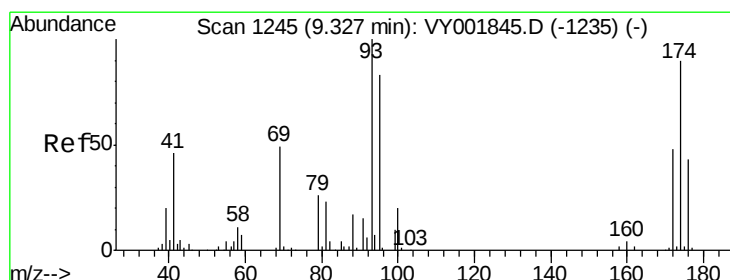
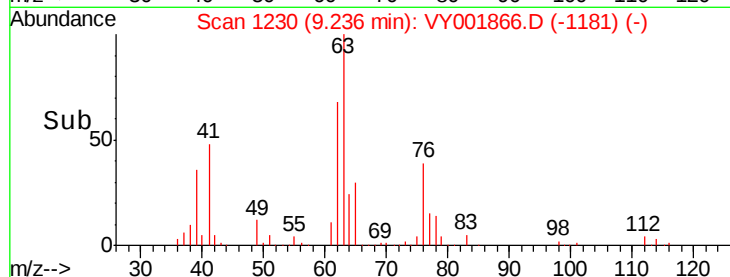
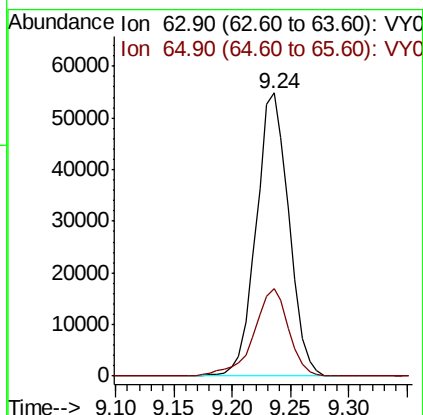
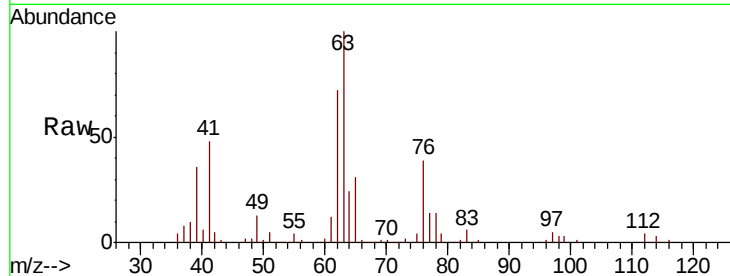




#45
 1,2-Dichloropropane
 Concen: 51.654 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

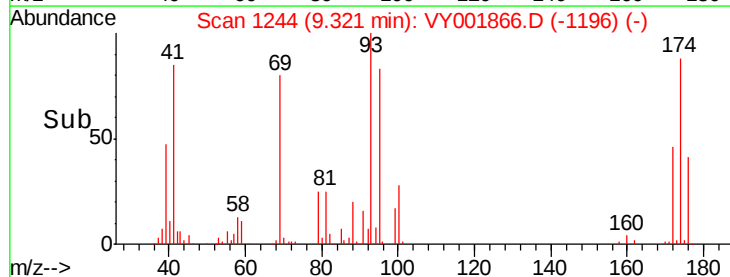
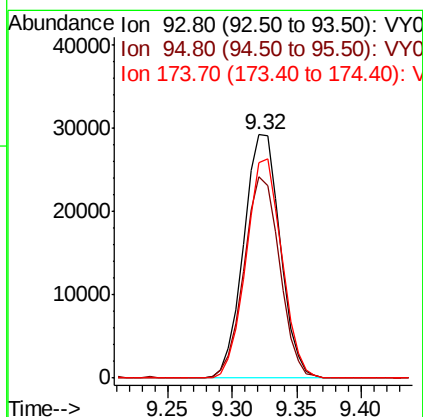
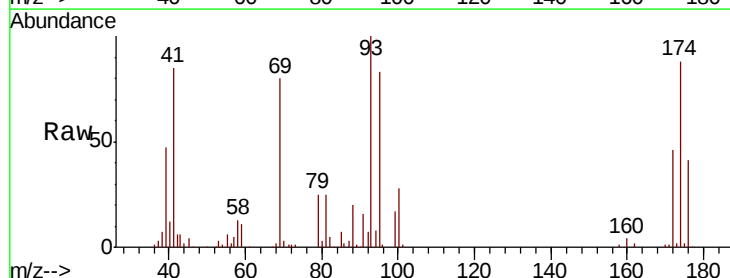
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

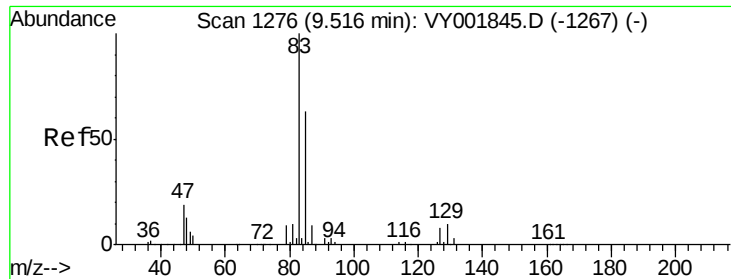
Tot Ion: 63 Resp: 107121
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3



#46
 Dibromomethane
 Concen: 53.700 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion: 93 Resp: 57389
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.0 100.4
 174 87.9 71.8 107.8

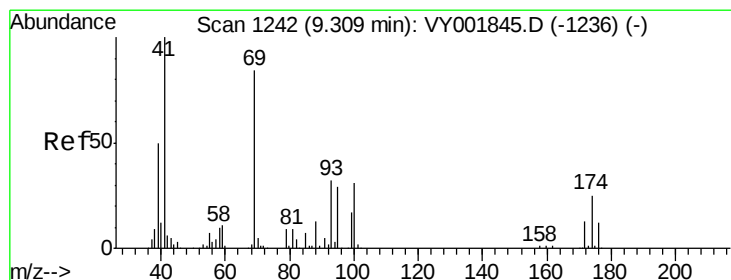
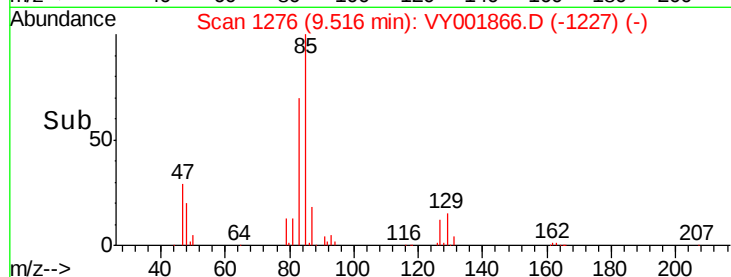
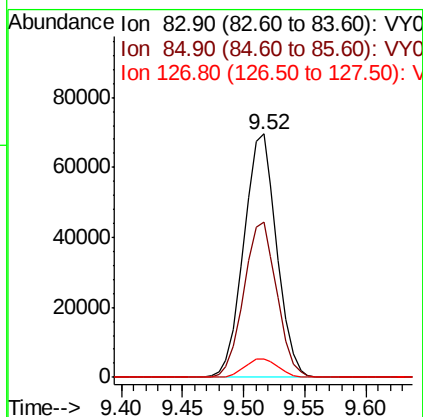
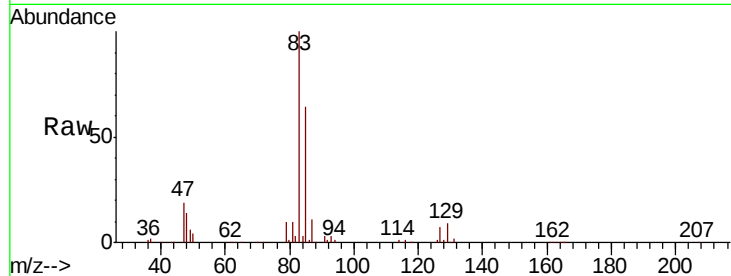




#47
Bromodichloromethane
Concen: 52.275 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

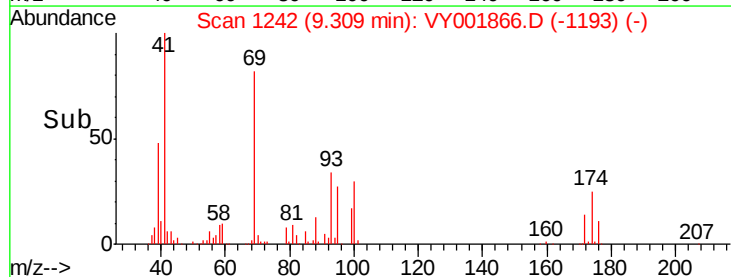
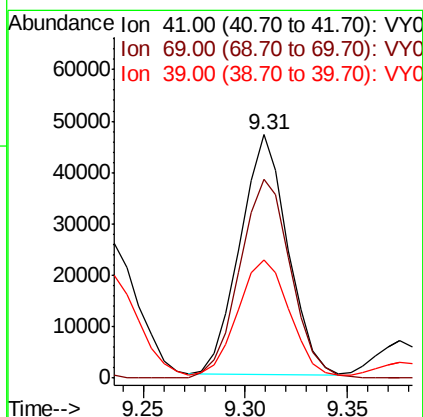
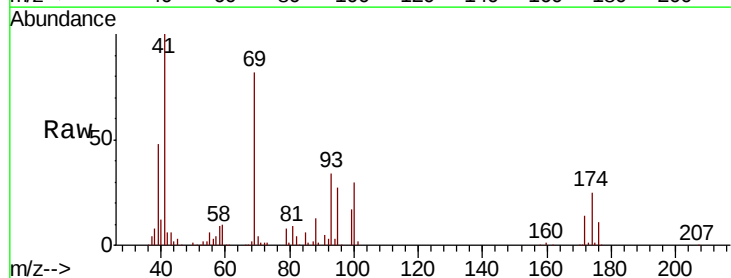
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

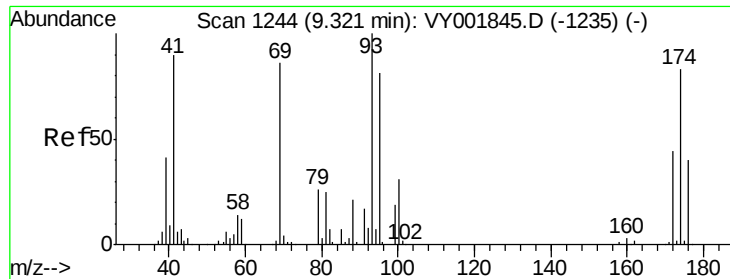
Tot Ion: 83 Resp: 129956
Ion Ratio Lower Upper
83 100
85 63.8 50.6 76.0
127 7.5 6.2 9.4



#48
Methyl methacrylate
Concen: 56.006 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 41 Resp: 76113
Ion Ratio Lower Upper
41 100
69 88.5 69.0 103.6
39 51.8 39.1 58.7





#49

1,4-Dioxane

Concen: 1168.616 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

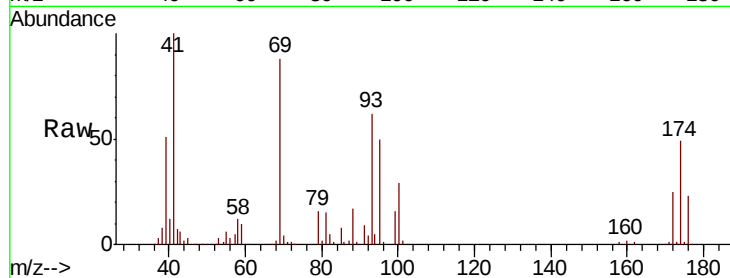
Tot Ion: 88 Resp: 17113

Ion Ratio Lower Upper

88 100

43 30.9 25.0 37.6

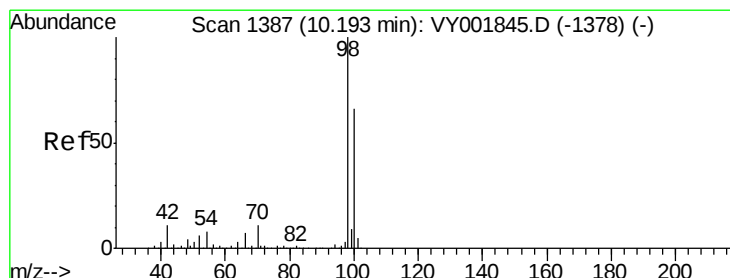
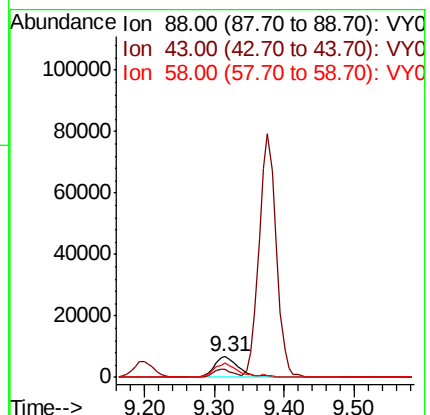
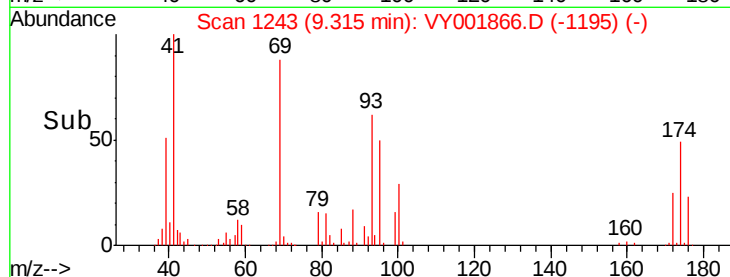
58 63.1 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VY001845.D (-1235) (-)

Ion 43.00 (42.70 to 43.70): VY001845.D (-1235) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1235) (-)



#50

Toluene-d8

Concen: 51.426 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001866.D

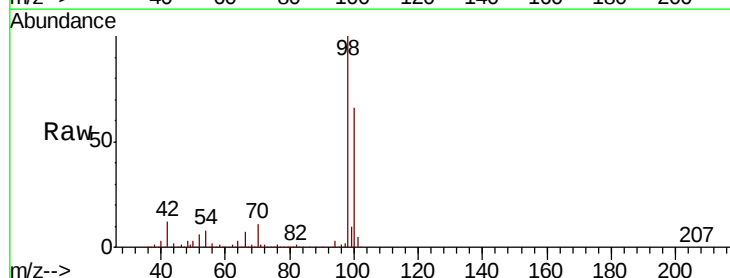
Acq: 04 Mar 2020 19:55

Tgt Ion: 98 Resp: 342489

Ion Ratio Lower Upper

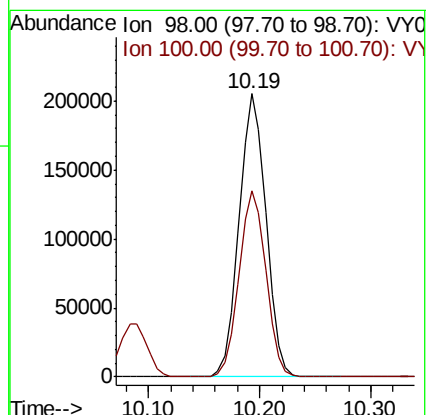
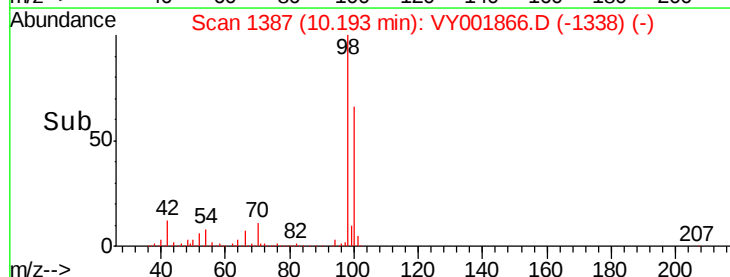
98 100

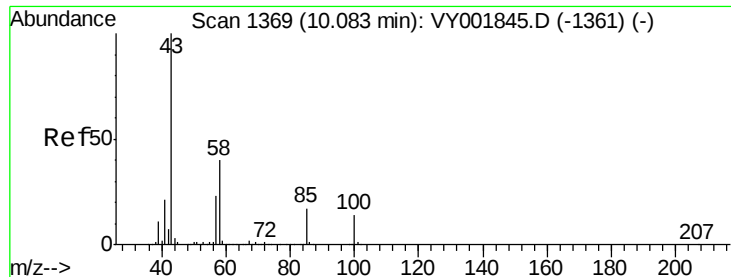
100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)





#51

4-Methyl-2-Pentanone

Concen: 285.783 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

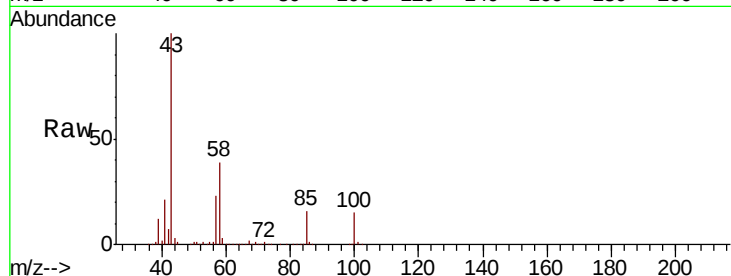
VSTDCCC050EC

Tot Ion: 43 Resp: 450824

Ion Ratio Lower Upper

43 100

58 39.7 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.08

250000

200000

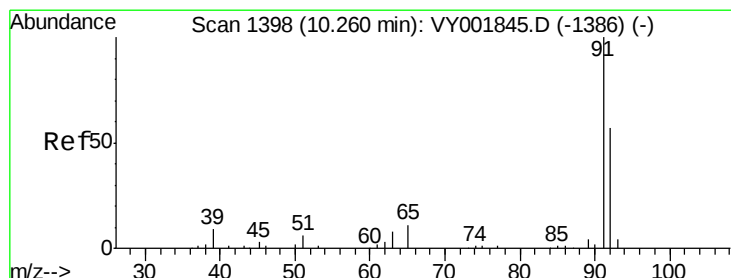
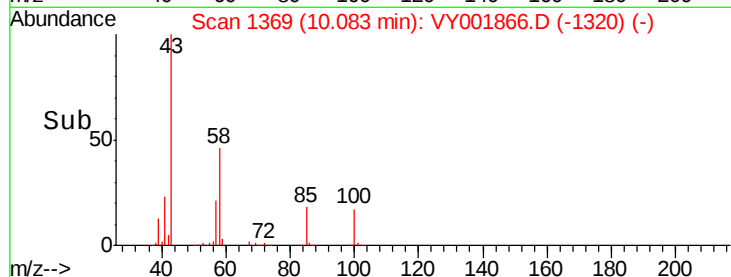
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.993 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001866.D

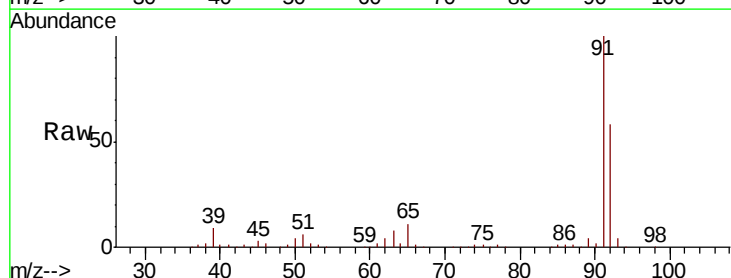
Acq: 04 Mar 2020 19:55

Tgt Ion: 92 Resp: 255554

Ion Ratio Lower Upper

92 100

91 171.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.26

250000

200000

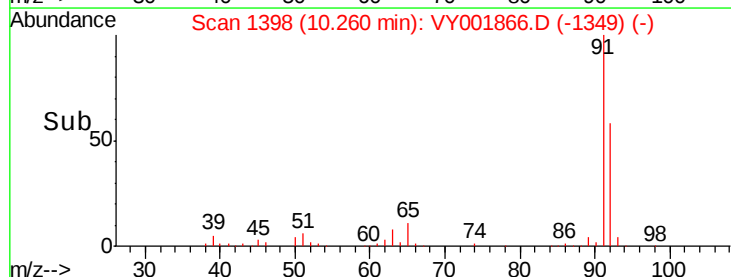
150000

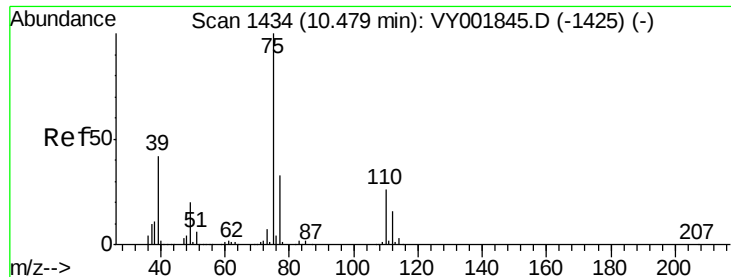
100000

50000

0

Time-->

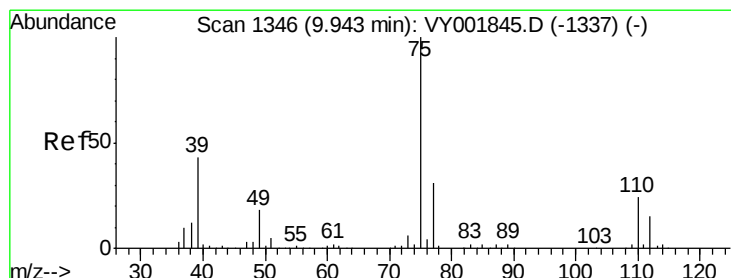
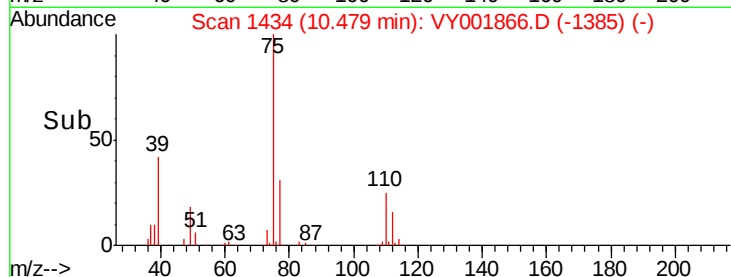
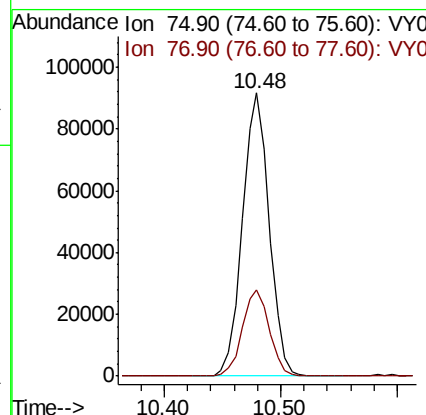
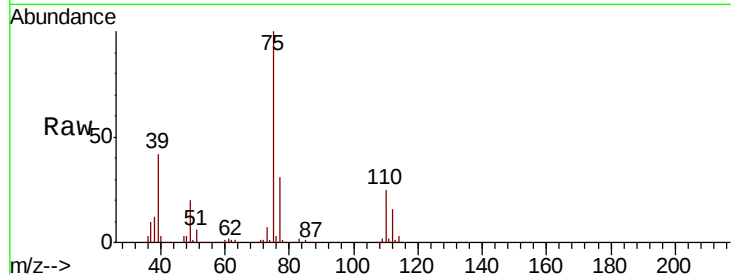




#53
 t-1,3-Dichloropropene
 Concen: 53.869 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

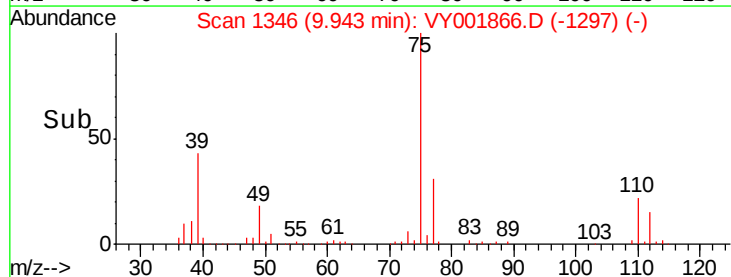
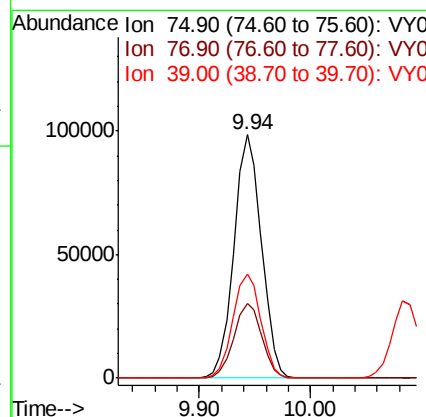
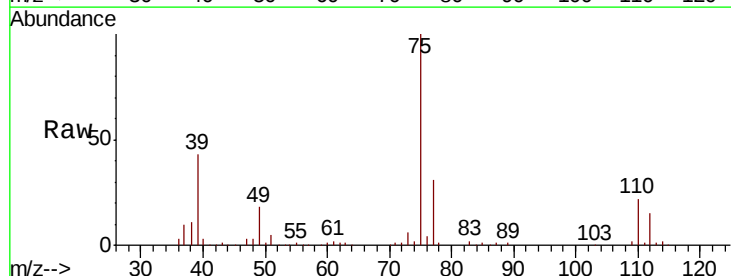
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

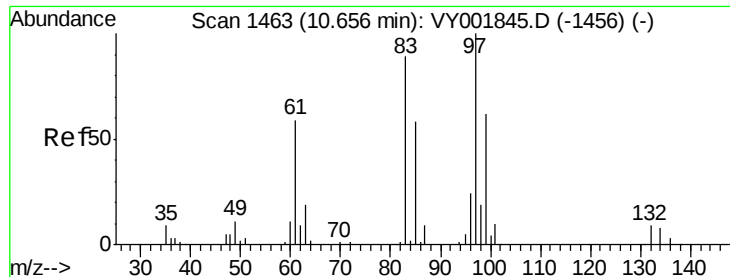
Tot Ion: 75 Resp: 145903
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.068 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion: 75 Resp: 167882
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.1 37.7
 39 43.0 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 53.200 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 83206

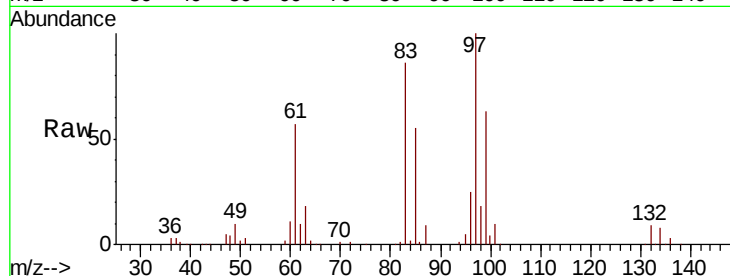
Ion Ratio Lower Upper

97 100

83 86.2 71.6 107.4

85 55.0 46.6 69.8

99 63.4 49.8 74.6

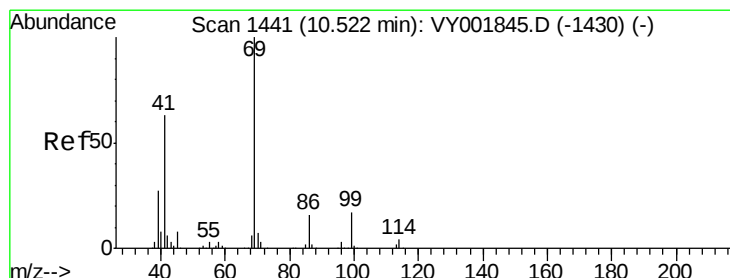
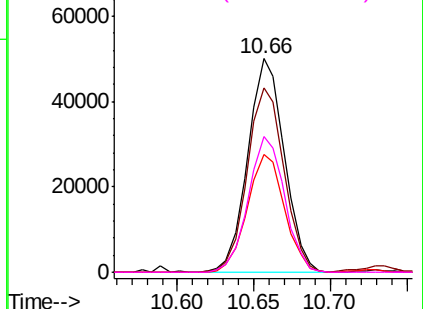
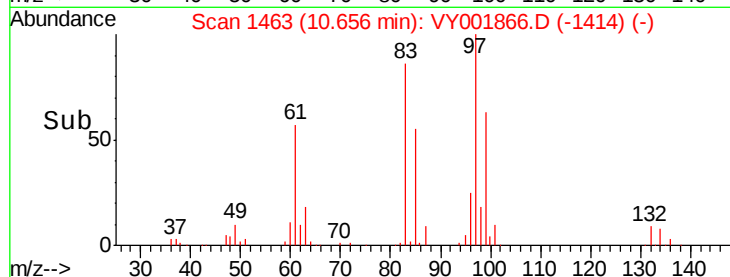


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 55.485 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

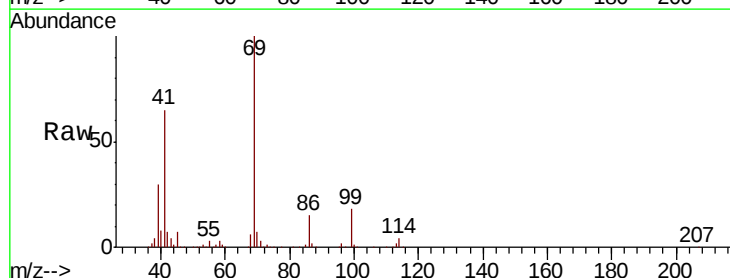
Tgt Ion: 69 Resp: 127199

Ion Ratio Lower Upper

69 100

41 65.1 49.9 74.9

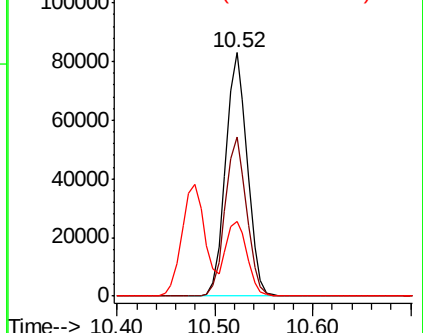
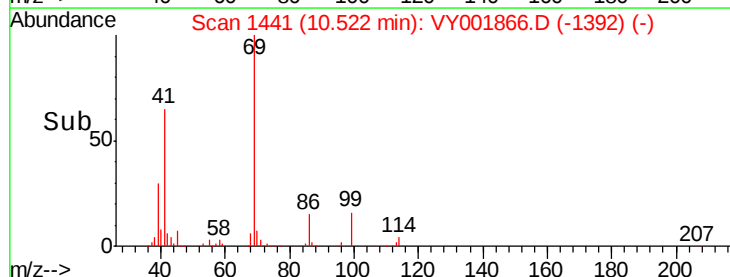
39 30.0 23.0 34.6

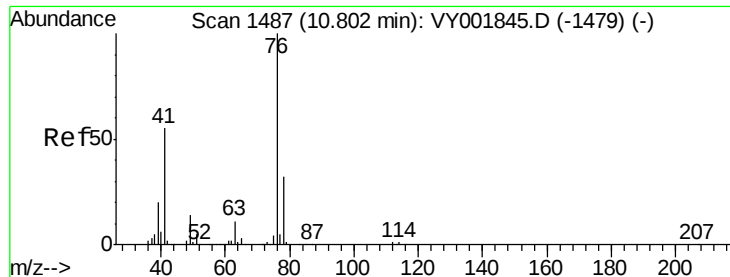


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 52.875 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

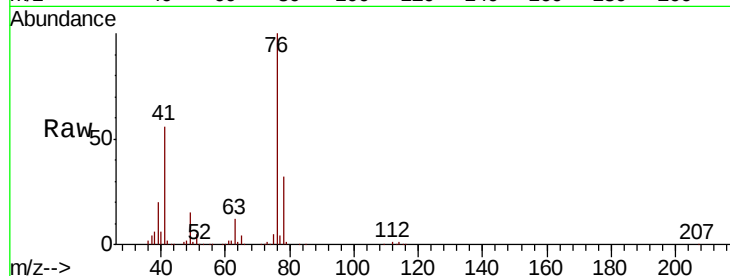
VSTDCCC050EC

Tot Ion: 76 Resp: 147411

Ion Ratio Lower Upper

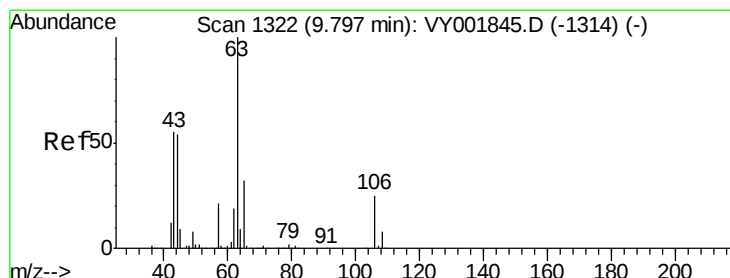
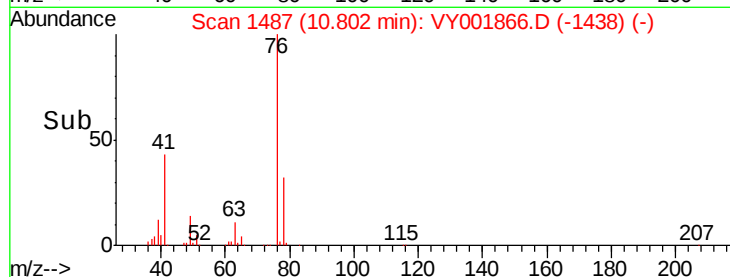
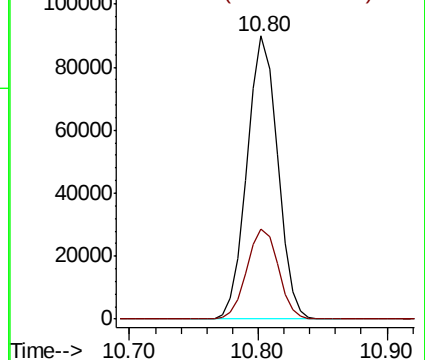
76 100

78 32.5 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: 263.673 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001866.D

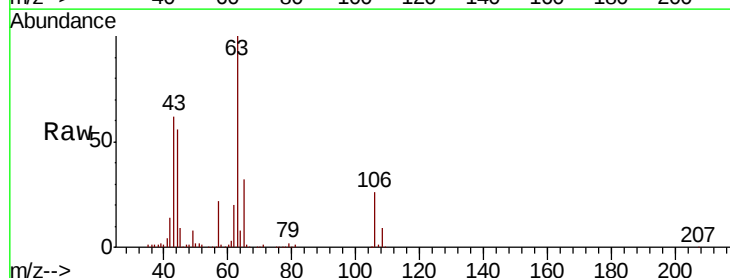
Acq: 04 Mar 2020 19:55

Tgt Ion: 63 Resp: 209899

Ion Ratio Lower Upper

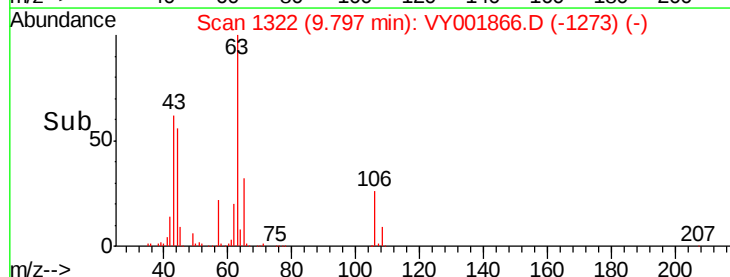
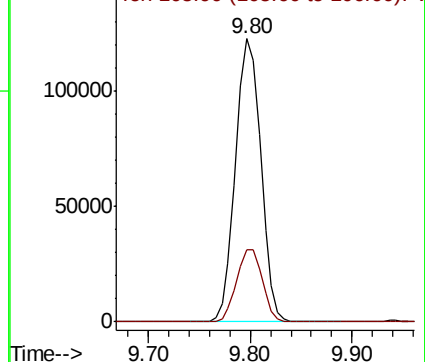
63 100

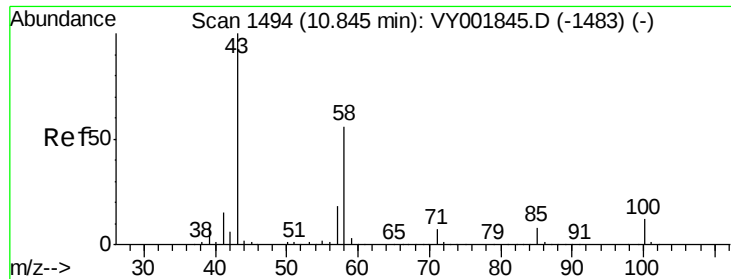
106 25.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

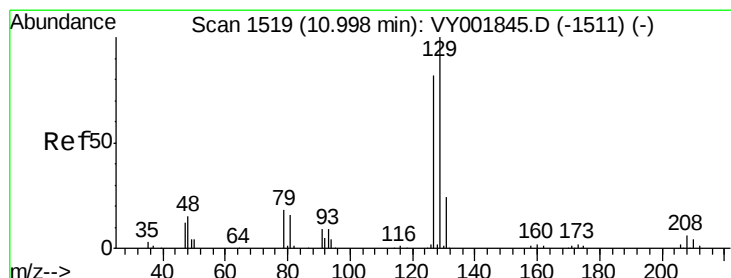
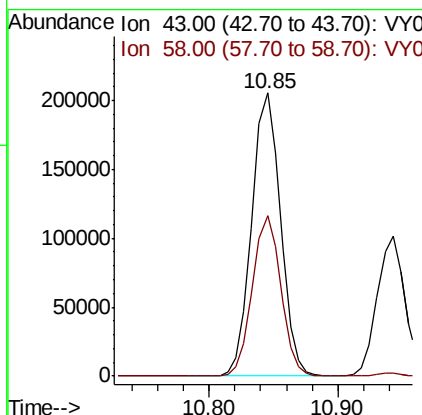
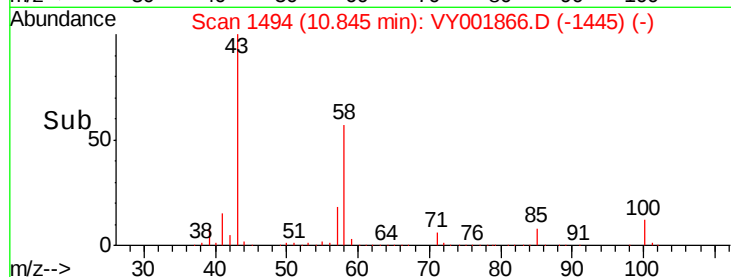
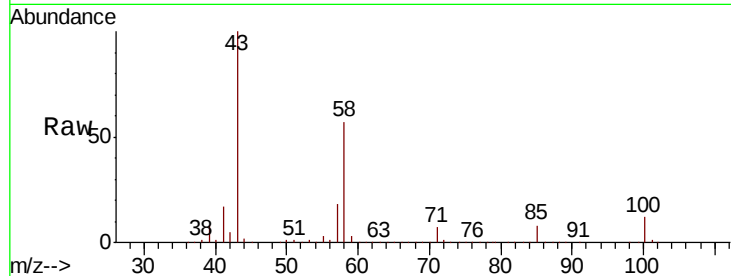




#59
2-Hexanone
Concen: 281.354 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

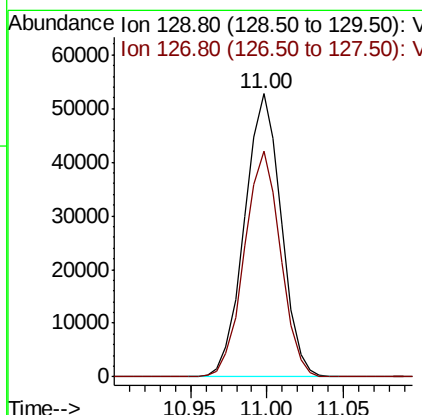
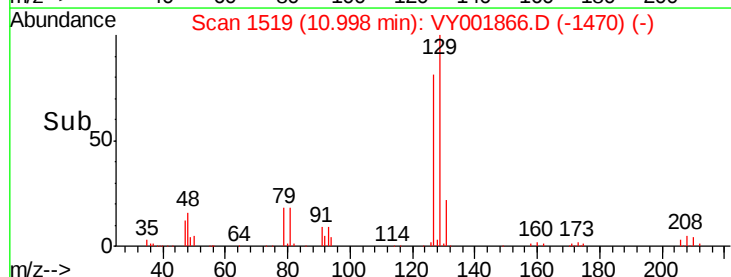
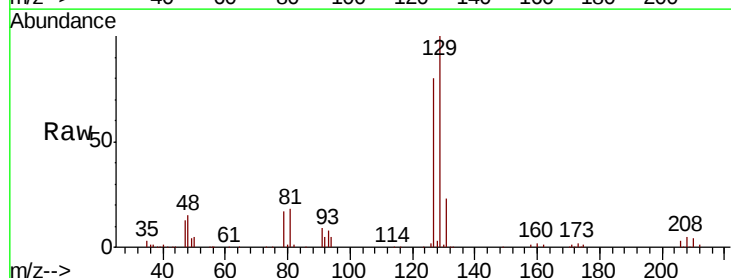
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

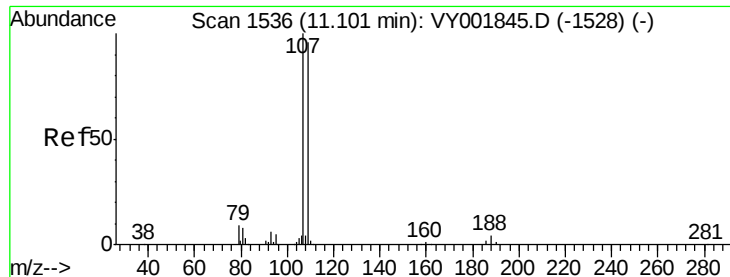
Tot Ion: 43 Resp: 316790
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 53.334 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 129 Resp: 87897
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0

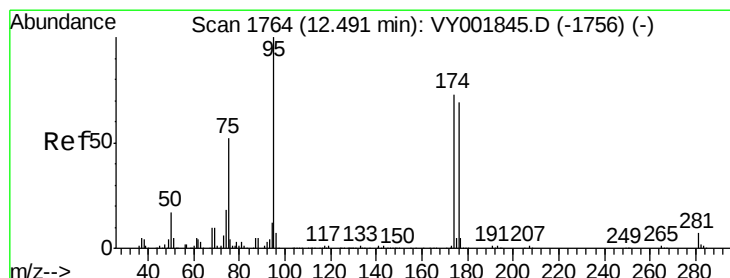
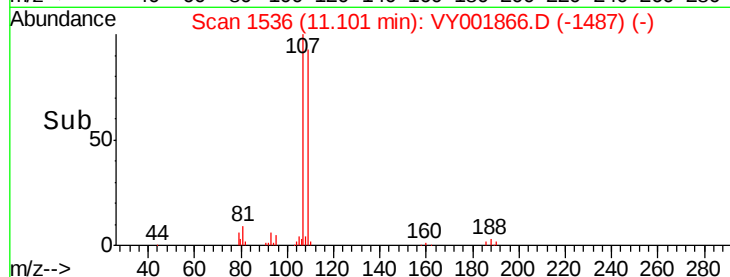
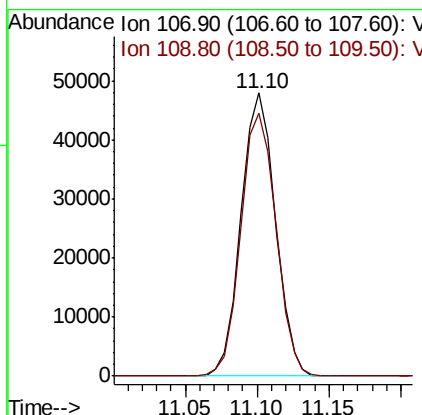
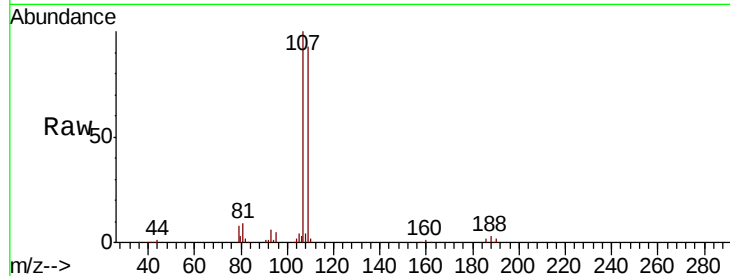




#61
 1,2-Dibromoethane
 Concen: 53.500 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

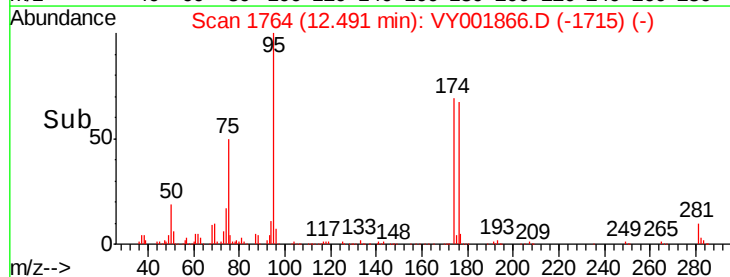
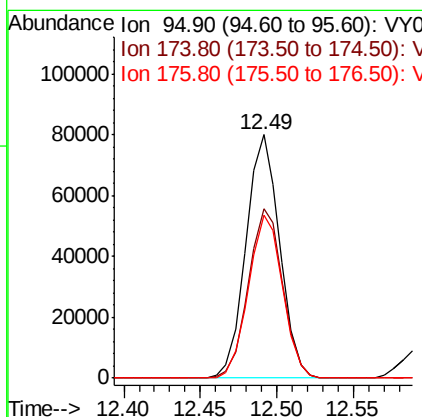
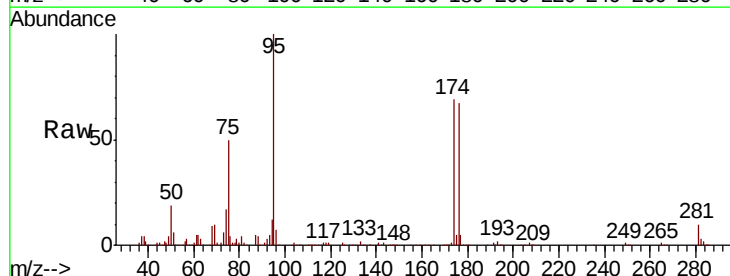
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

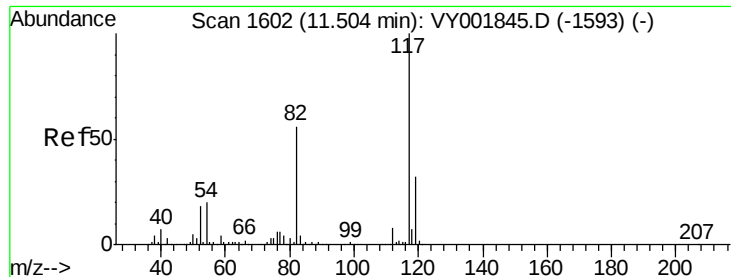
Tot Ion: 107 Resp: 79261
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.671 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion: 95 Resp: 121971
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 145.0
 176 68.2 0.0 137.4

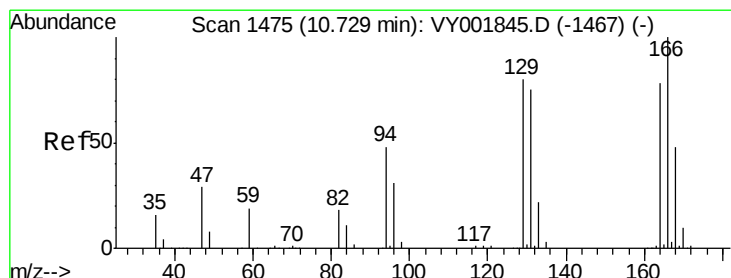
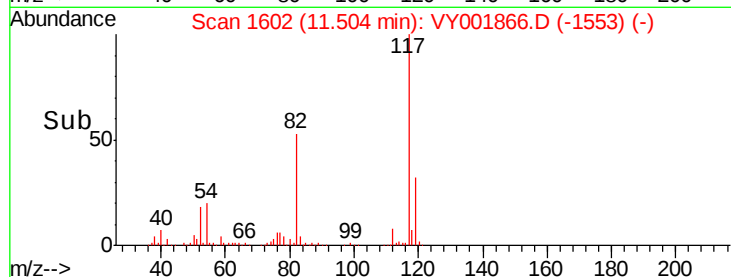
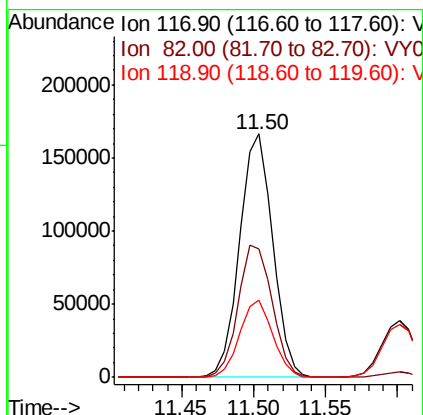
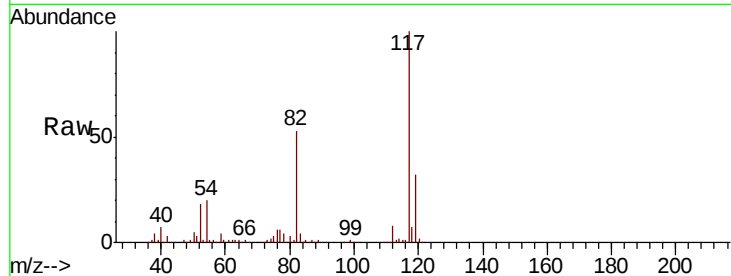




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

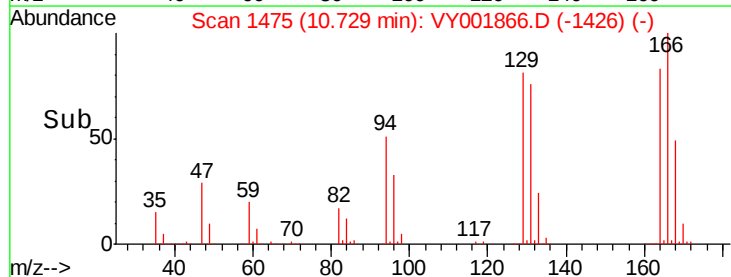
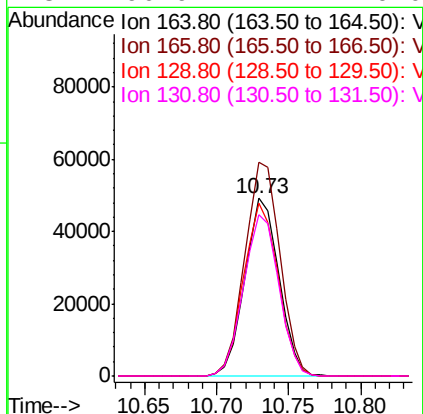
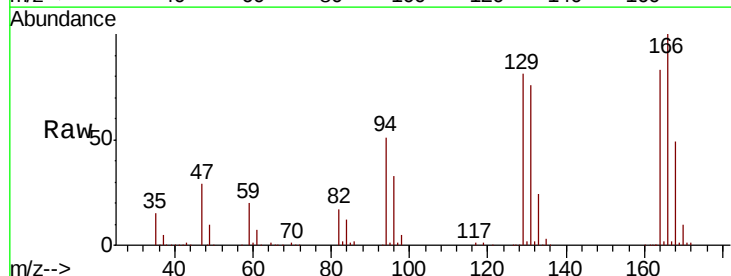
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

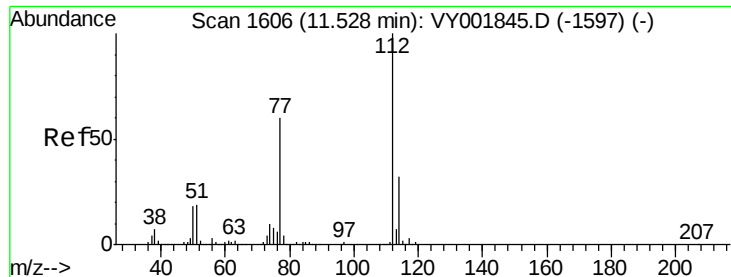
Tot Ion:117 Resp: 265571
Ion Ratio Lower Upper
117 100
82 52.8 44.5 66.7
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 48.256 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion:164 Resp: 80367
Ion Ratio Lower Upper
164 100
166 120.3 102.6 154.0
129 97.5 82.3 123.5
131 90.9 77.4 116.0

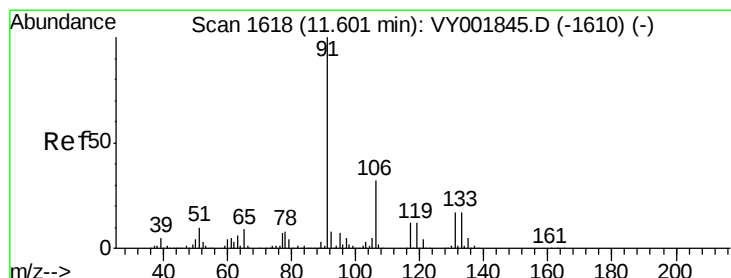
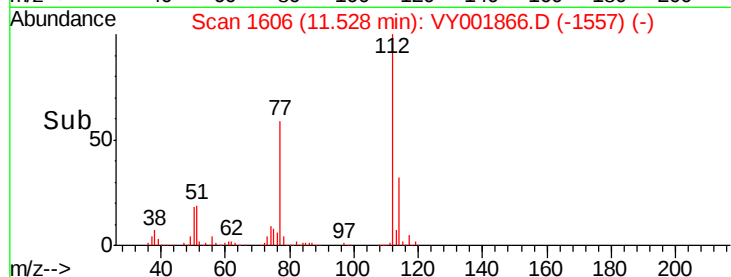
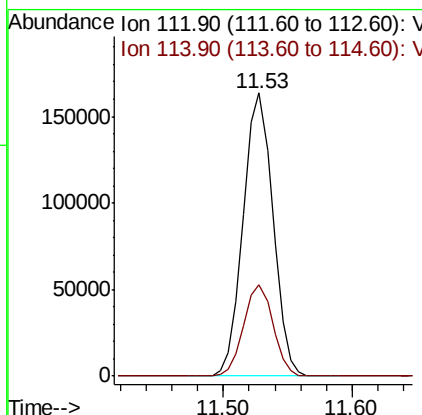
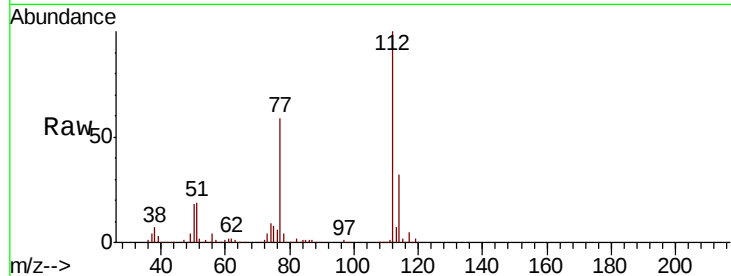




#65
Chlorobenzene
Concen: 49.300 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

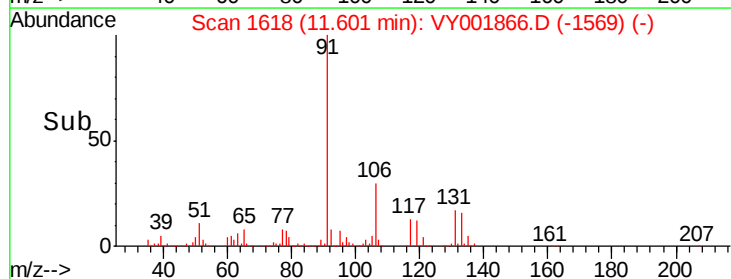
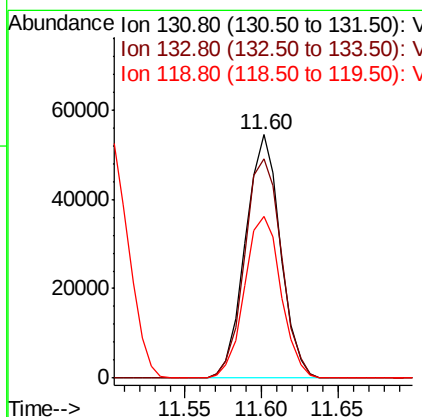
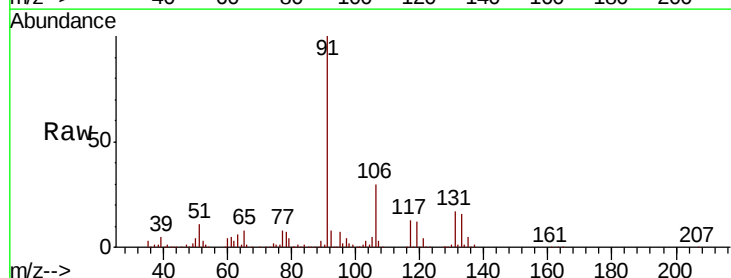
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

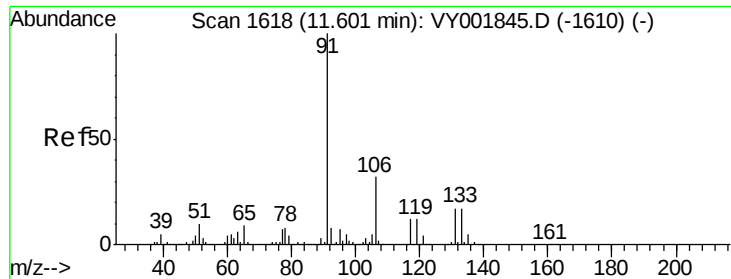
Tot Ion:112 Resp: 260877
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.999 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion:131 Resp: 86763
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.3
119 69.1 34.5 103.6

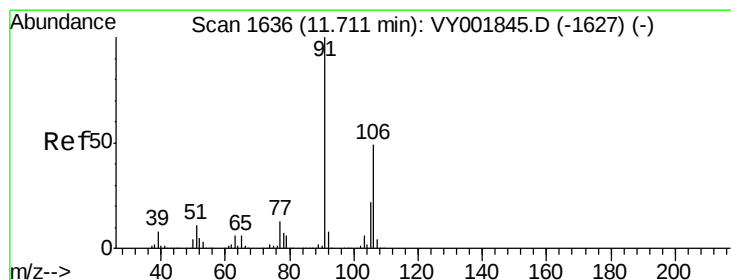
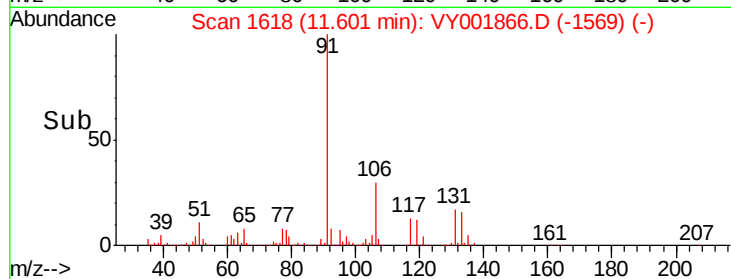
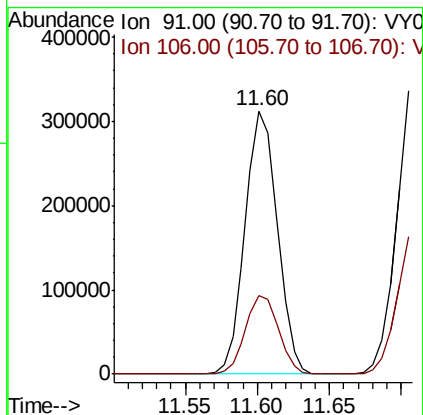
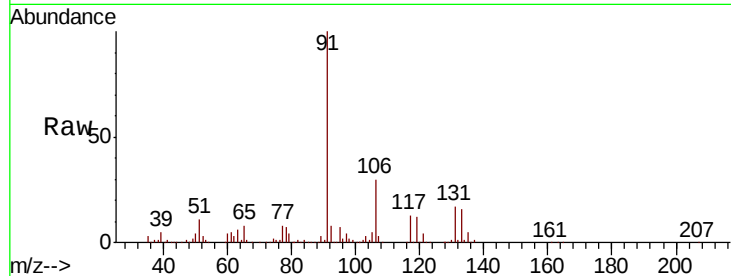




#67
Ethyl Benzene
Concen: 49.192 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

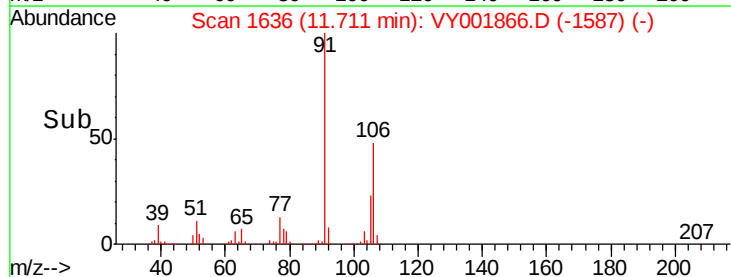
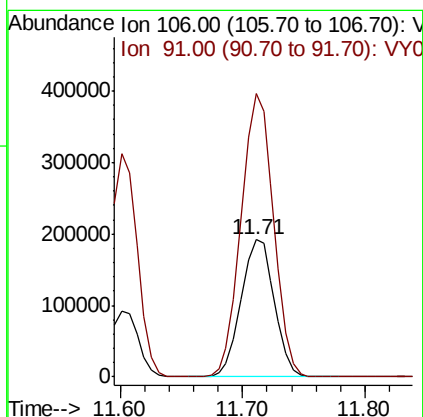
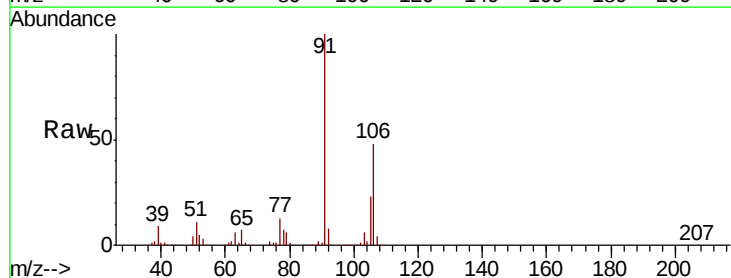
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

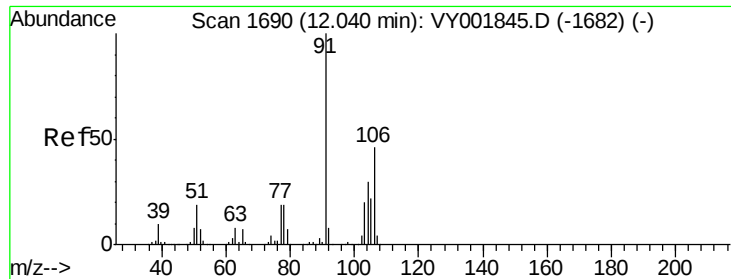
Tot Ion: 91 Resp: 485470
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.2



#68
m/p-Xylenes
Concen: 98.867 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 106 Resp: 360728
Ion Ratio Lower Upper
106 100
91 202.2 161.3 241.9

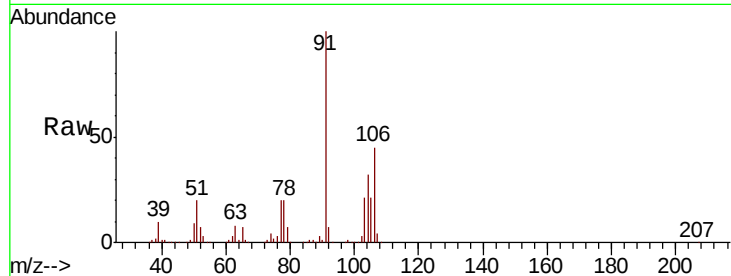




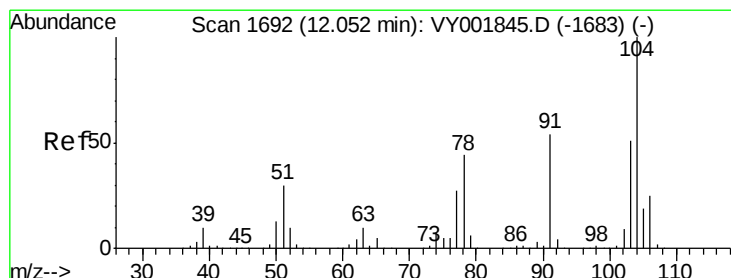
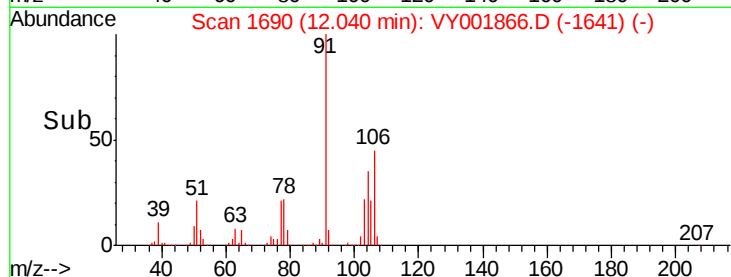
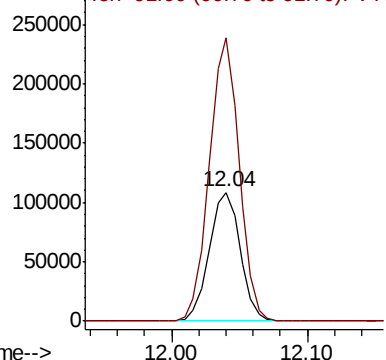
#69
o-Xylene
Concen: 50.023 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 172026
Ion Ratio Lower Upper
106 100
91 211.9 106.8 320.4

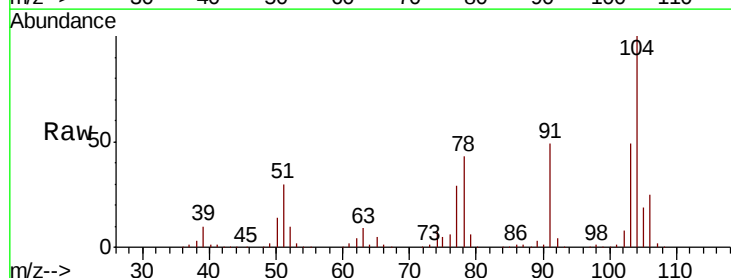


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

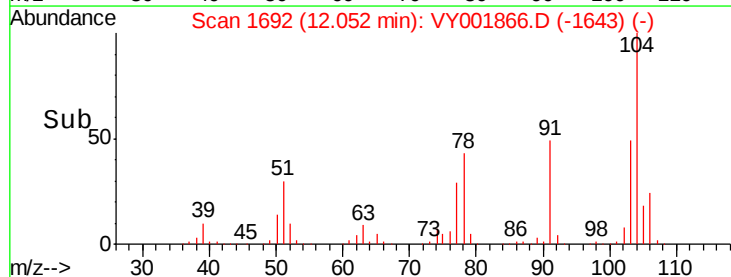
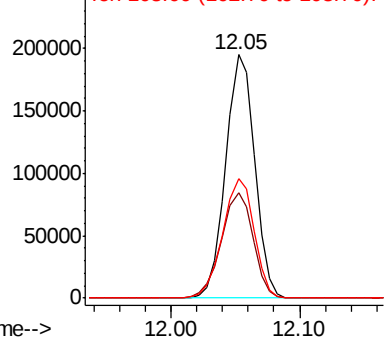


#70
Styrene
Concen: 51.489 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion:104 Resp: 303267
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 53.3 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.705 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

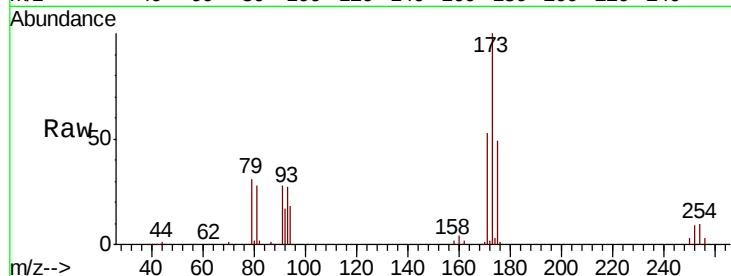
Tot Ion:173 Resp: 51482

Ion Ratio Lower Upper

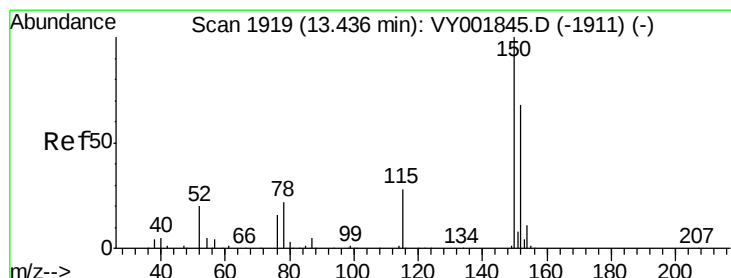
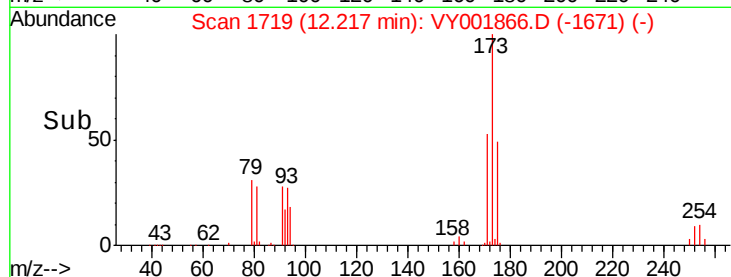
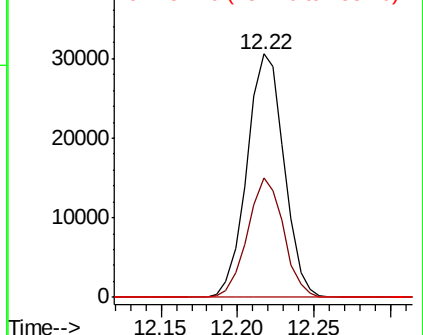
173 100

175 47.5 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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

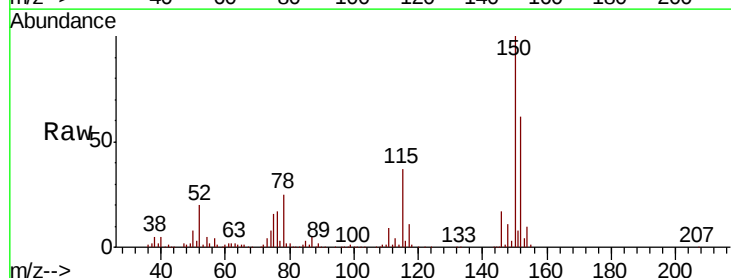
Tgt Ion:152 Resp: 121561

Ion Ratio Lower Upper

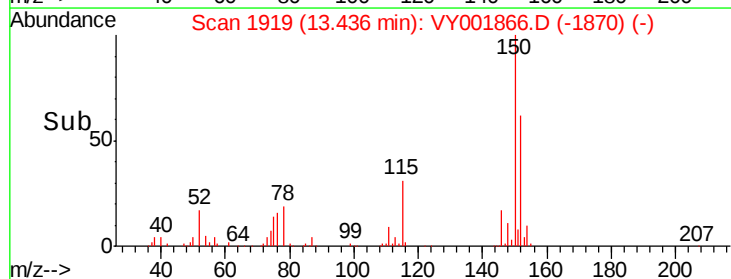
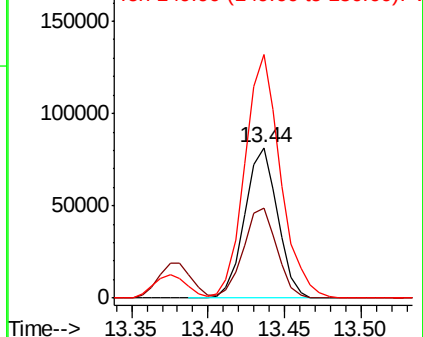
152 100

115 60.8 29.9 89.7

150 175.5 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

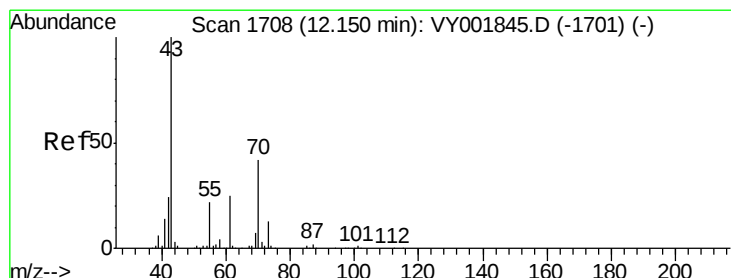
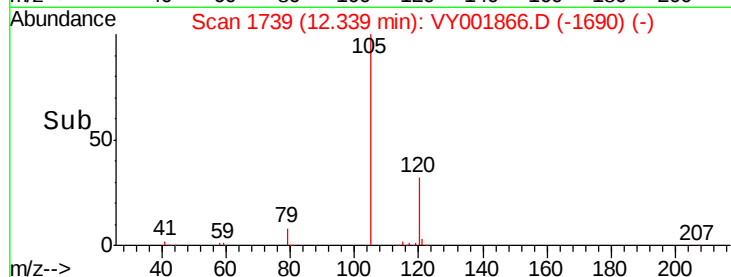
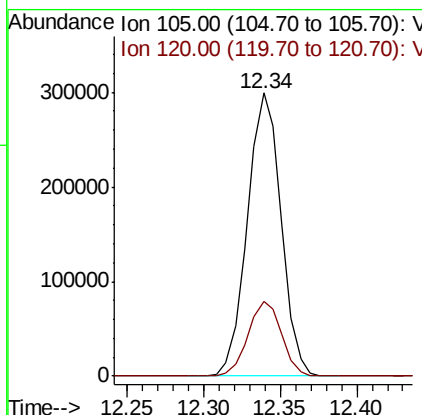
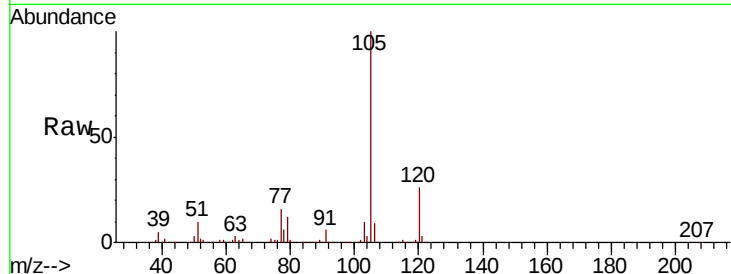




#73
Isopropylbenzene
Concen: 49.420 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

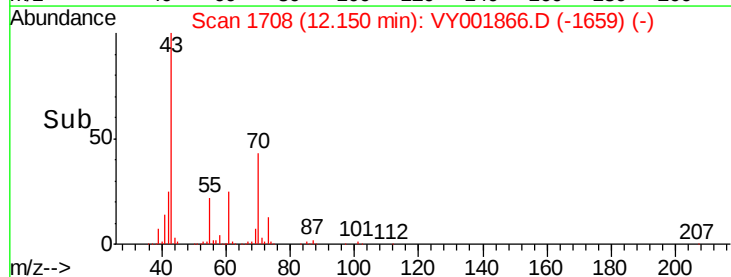
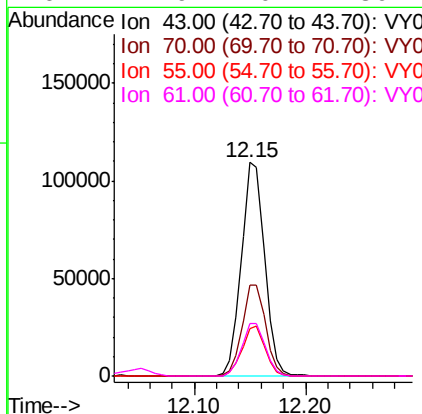
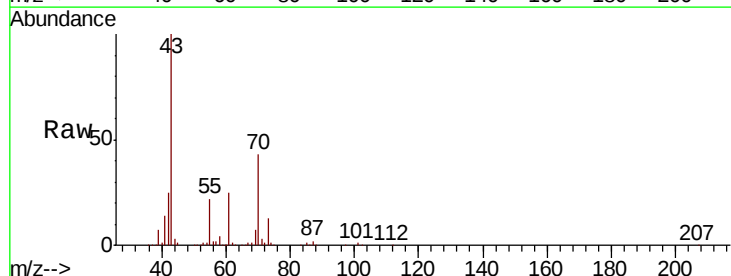
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

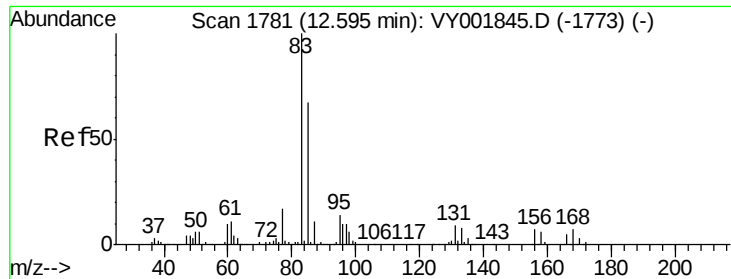
Tot Ion:105 Resp: 458605
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 55.769 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 43 Resp: 159055
Ion Ratio Lower Upper
43 100
70 42.9 34.7 52.1
55 23.2 18.2 27.4
61 24.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.290 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

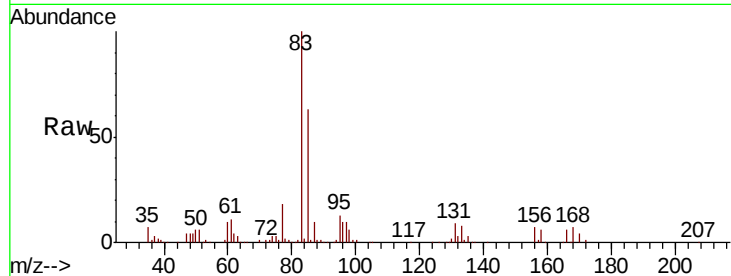
Tot Ion: 83 Resp: 108641

Ion Ratio Lower Upper

83 100

131 9.0 4.6 13.8

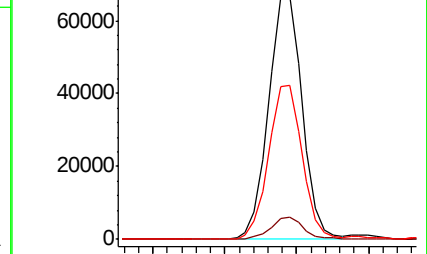
85 63.0 32.1 96.3



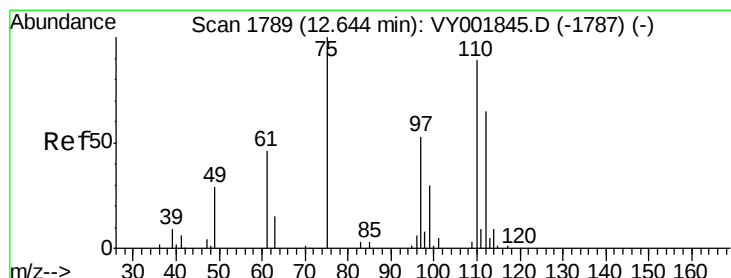
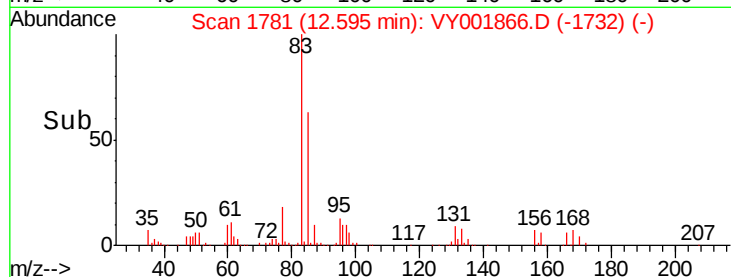
Abundance Ion 82.90 (82.60 to 83.60): VY001845.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY001845.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY001845.D (-1773) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 96.108 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001866.D

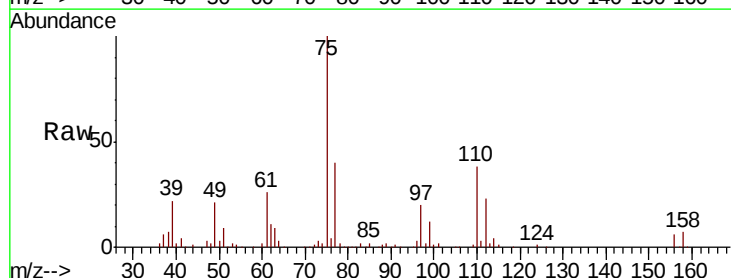
Acq: 04 Mar 2020 19:55

Tgt Ion: 75 Resp: 138627

Ion Ratio Lower Upper

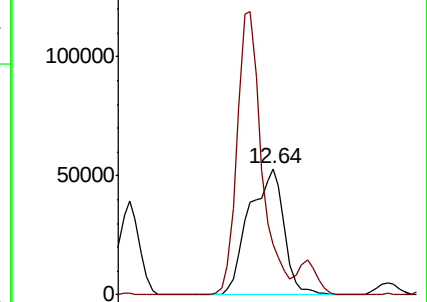
75 100

77 0.0 0.0 0.0

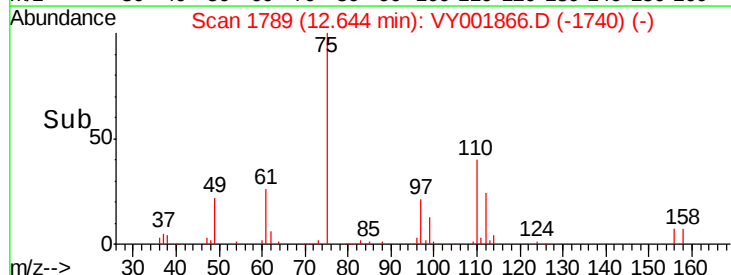


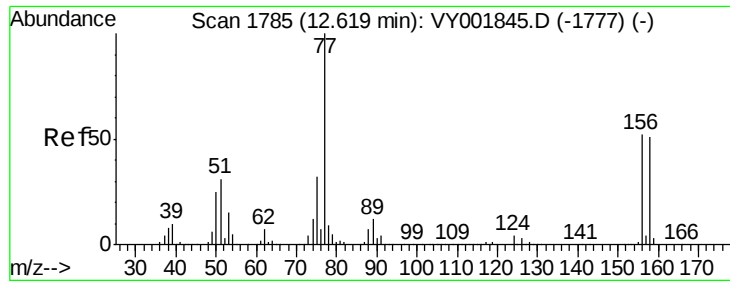
Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001845.D (-1787) (-)



Time-->





#77

Bromobenzene

Concen: 50.243 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

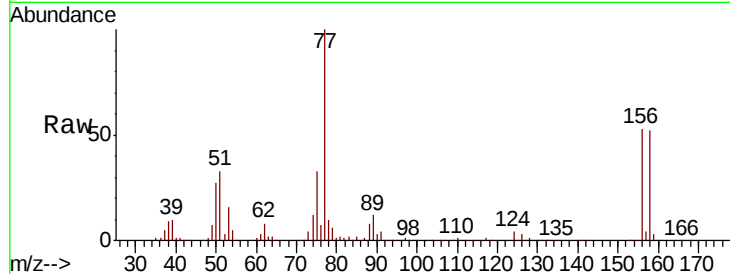
Tot Ion:156 Resp: 98781

Ion Ratio Lower Upper

156 100

77 220.4 109.0 327.0

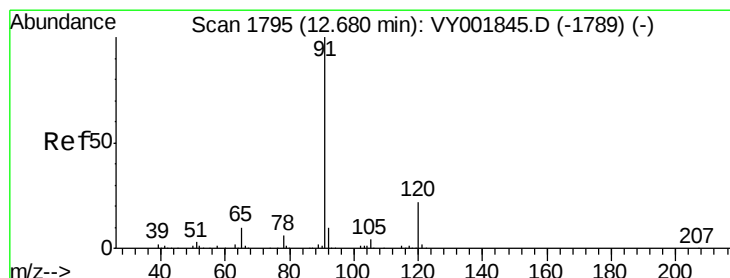
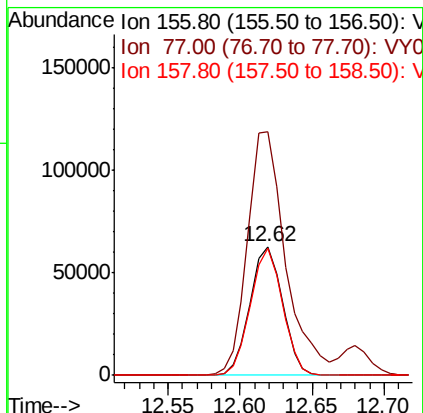
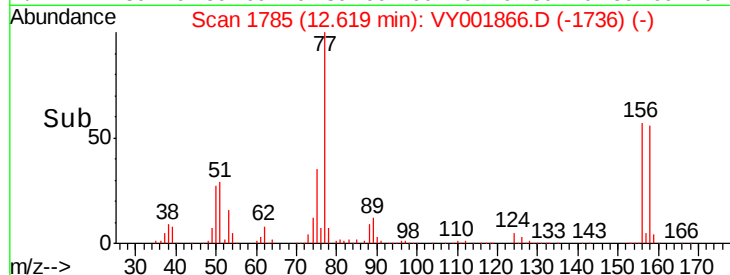
158 97.1 48.9 146.8



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: 49.411 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001866.D

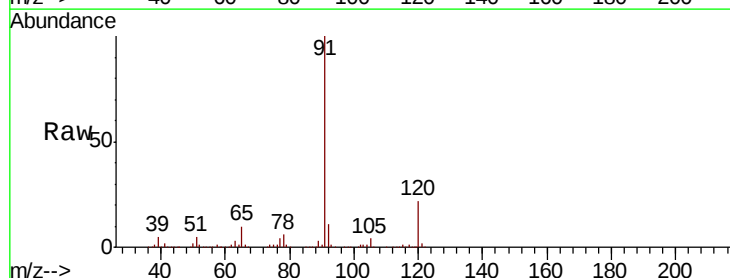
Acq: 04 Mar 2020 19:55

Tgt Ion: 91 Resp: 565673

Ion Ratio Lower Upper

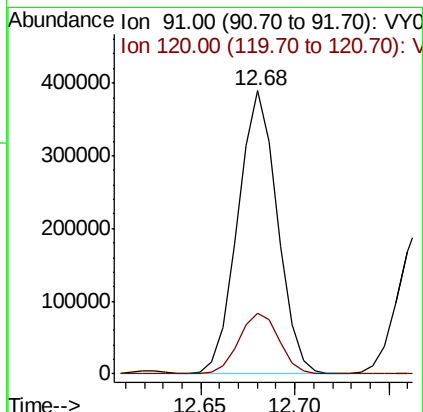
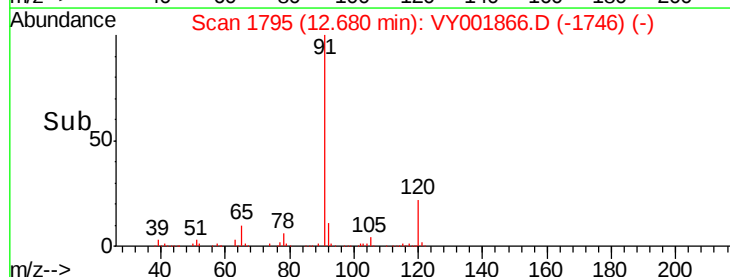
91 100

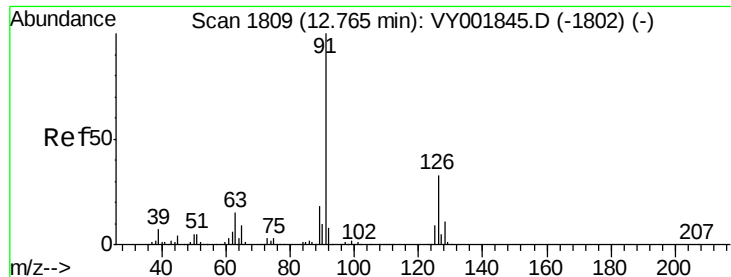
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.607 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

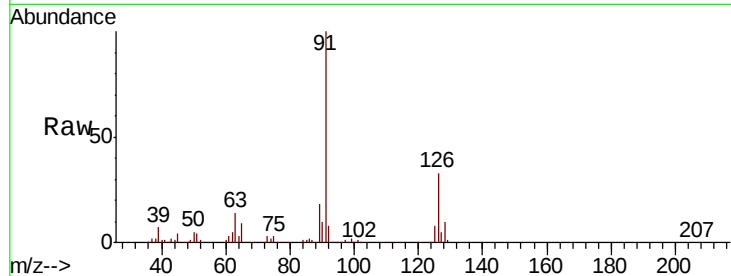
VSTDCCC050EC

Tot Ion: 91 Resp: 313766

Ion Ratio Lower Upper

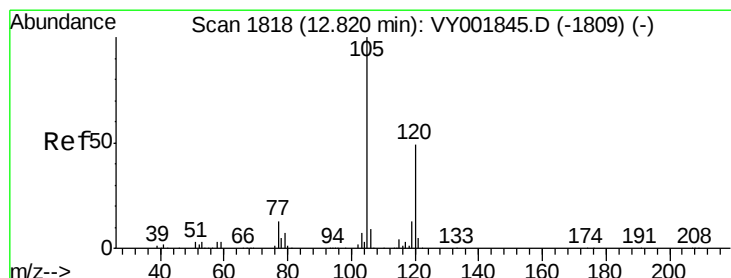
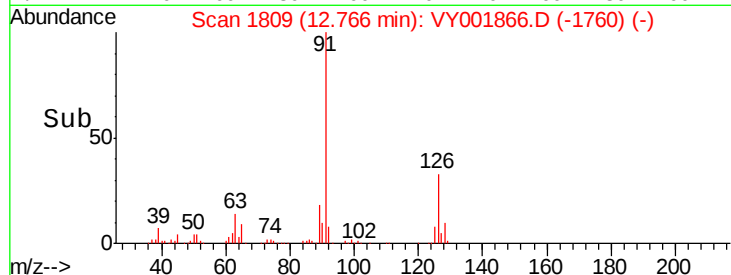
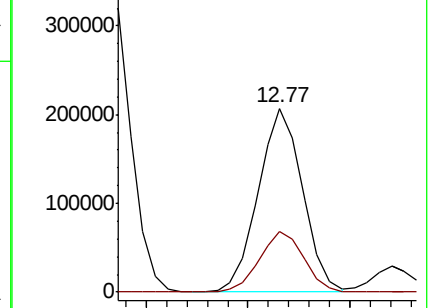
91 100

126 33.1 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.396 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001866.D

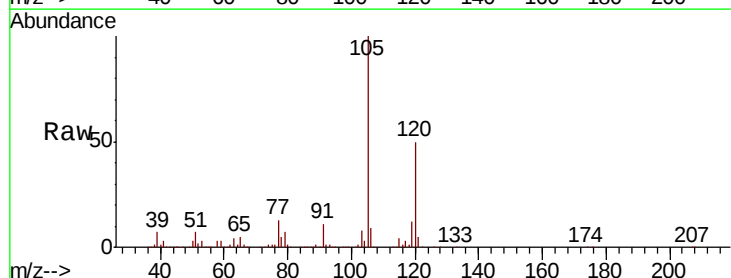
Acq: 04 Mar 2020 19:55

Tgt Ion: 105 Resp: 377357

Ion Ratio Lower Upper

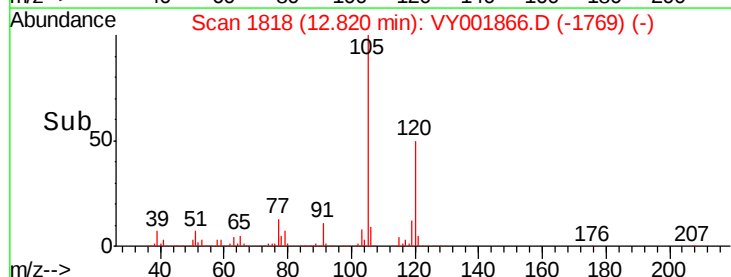
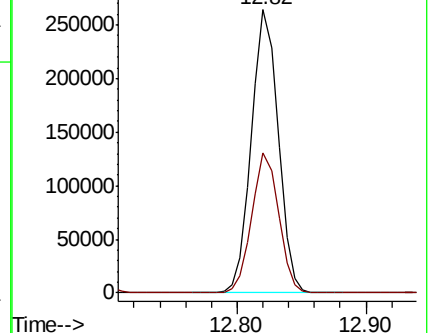
105 100

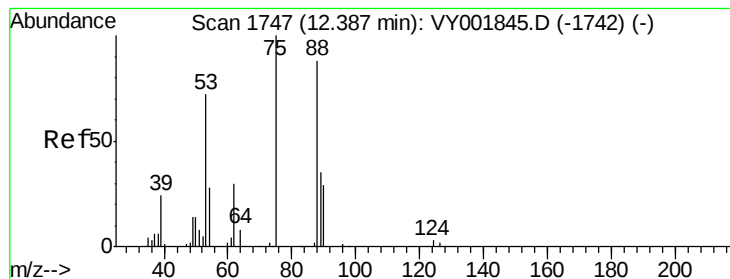
120 49.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.032 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

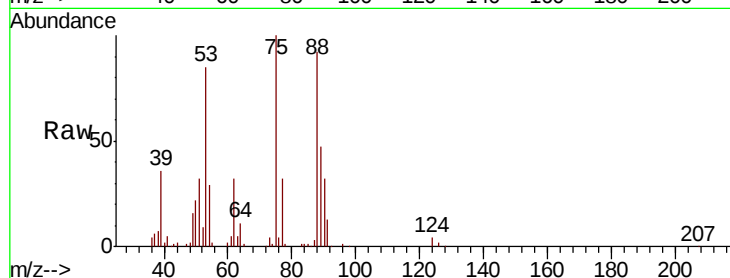
Tot Ion: 75 Resp: 38583

Ion Ratio Lower Upper

75 100

53 82.0 65.4 98.0

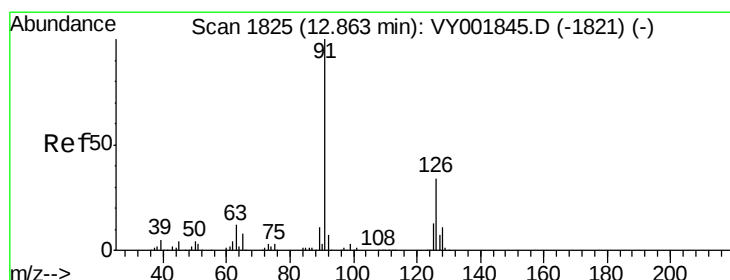
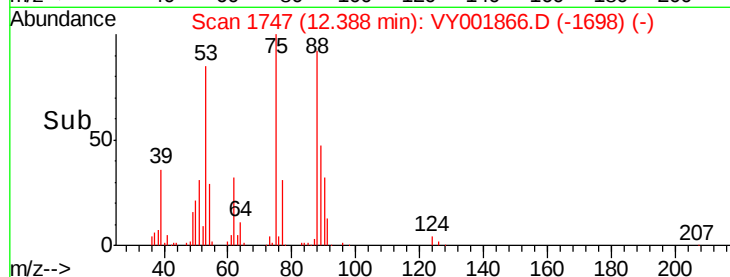
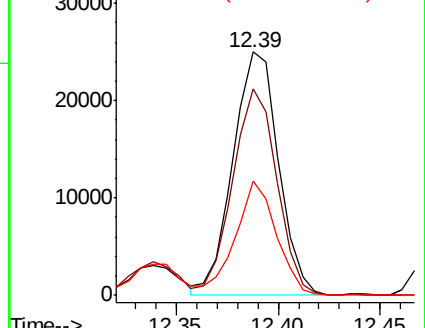
89 41.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001845.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001845.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 50.367 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001866.D

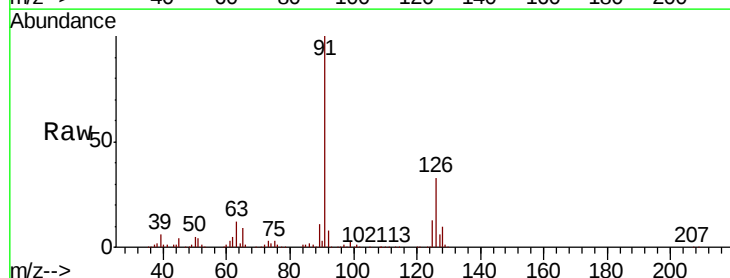
Acq: 04 Mar 2020 19:55

Tgt Ion: 91 Resp: 331697

Ion Ratio Lower Upper

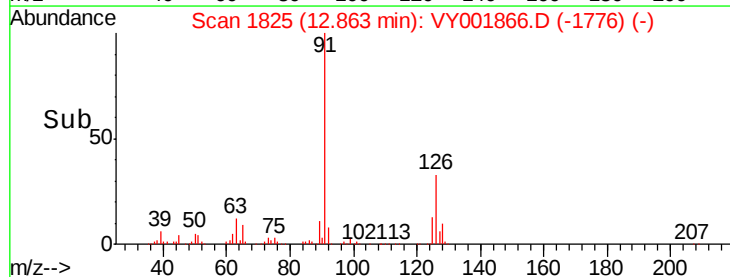
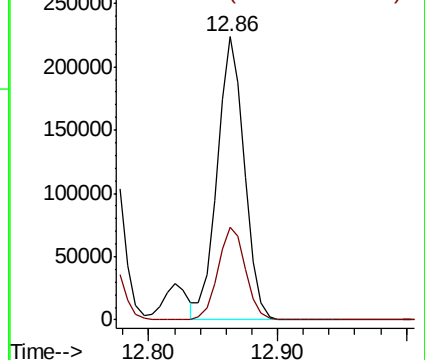
91 100

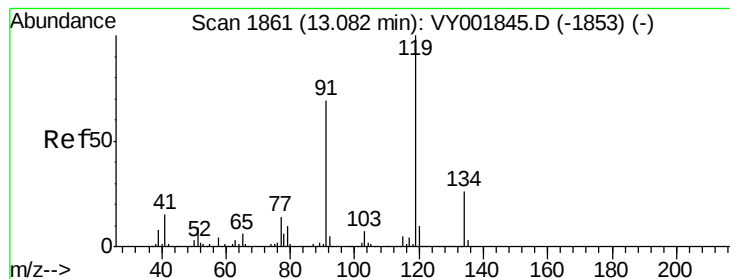
126 33.3 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1821) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1821) (-)





#83

tert-Butylbenzene

Concen: 49.219 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

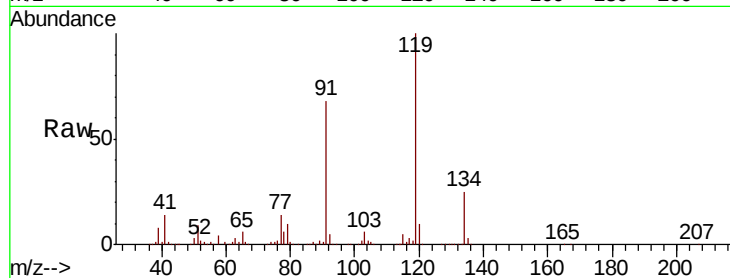
Tot Ion:119 Resp: 312300

Ion Ratio Lower Upper

119 100

91 67.8 34.0 101.8

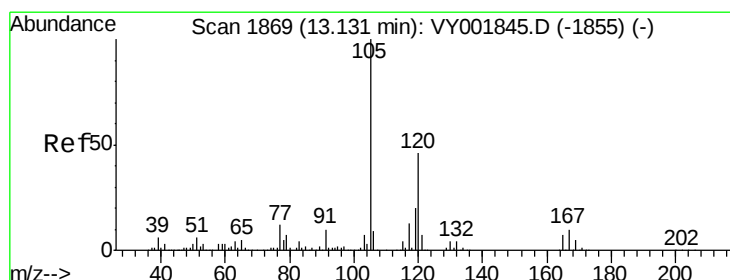
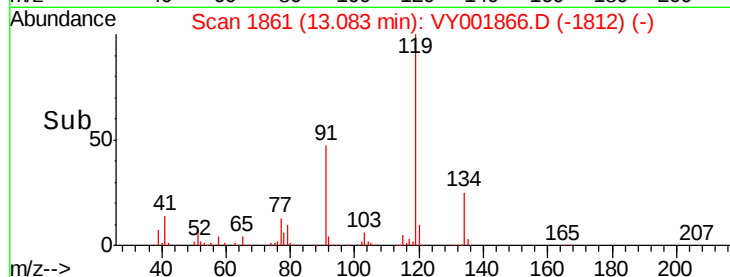
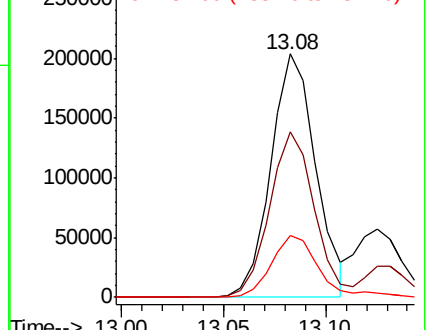
134 27.2 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.420 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VY001866.D

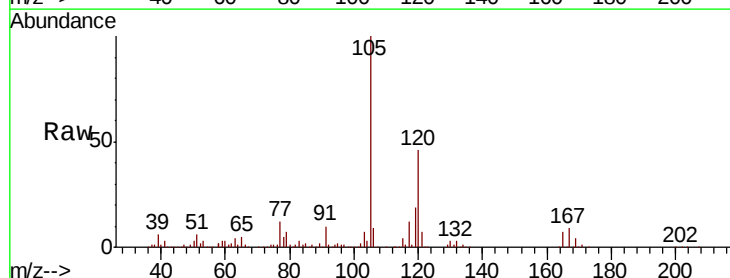
Acq: 04 Mar 2020 19:55

Tgt Ion:105 Resp: 382252

Ion Ratio Lower Upper

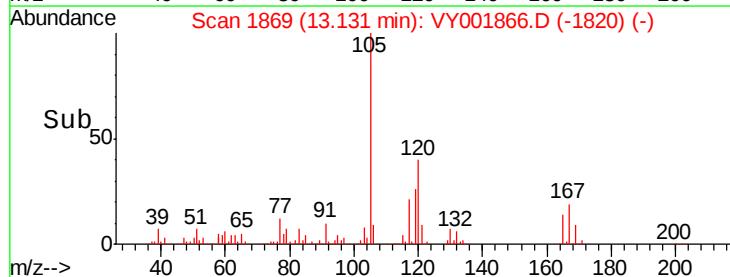
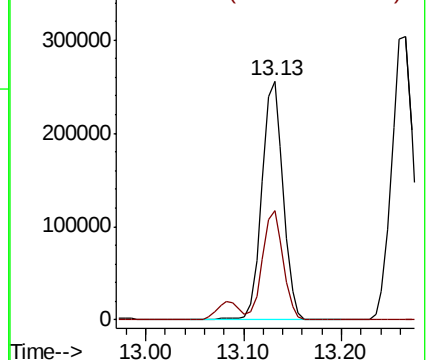
105 100

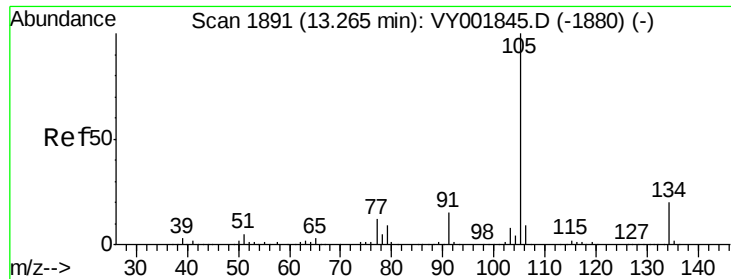
120 45.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.030 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

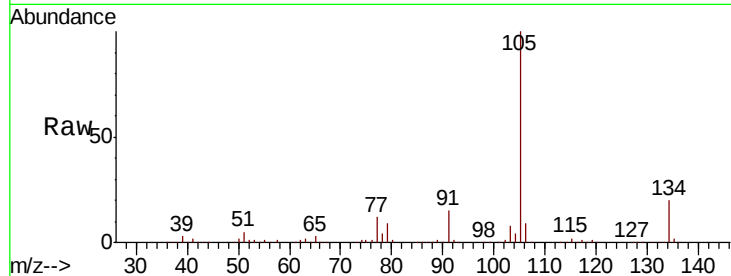
VSTDCCC050EC

Tot Ion:105 Resp: 467909

Ion Ratio Lower Upper

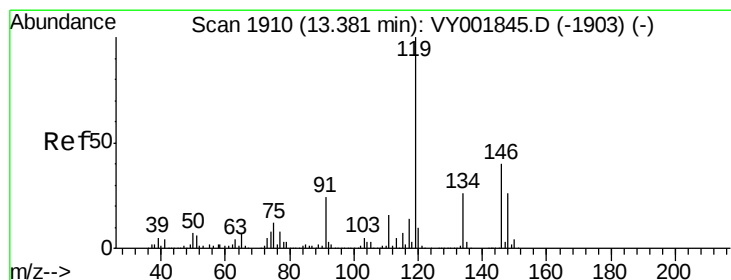
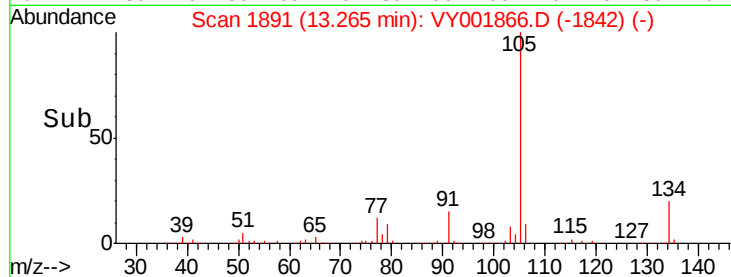
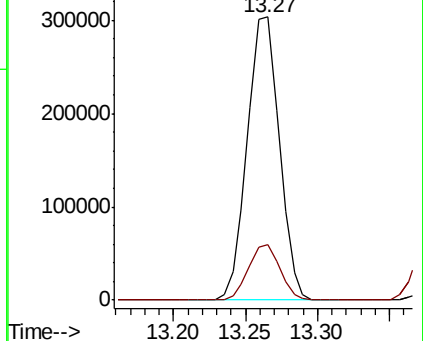
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.388 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

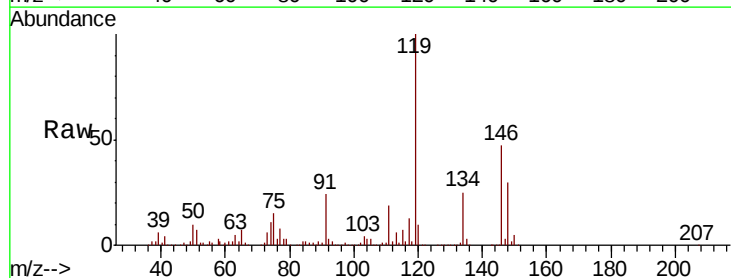
Tgt Ion:119 Resp: 406526

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

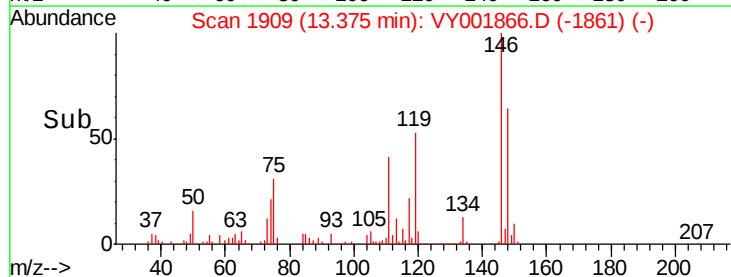
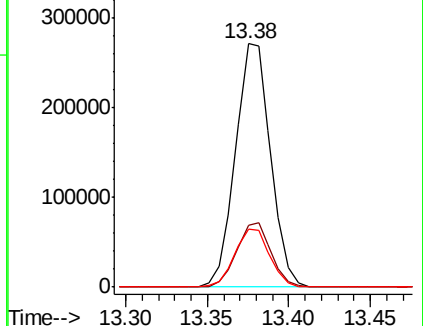
91 23.7 11.9 35.7



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





#87

1,3-Dichlorobenzene

Concen: 49.923 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

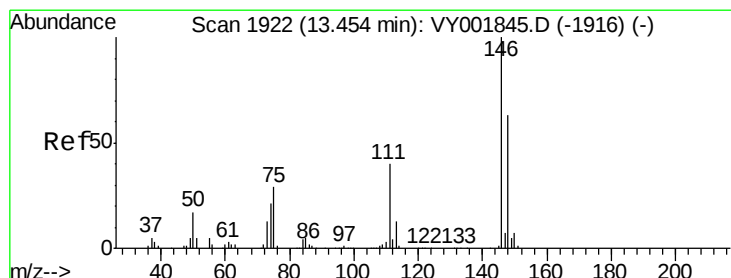
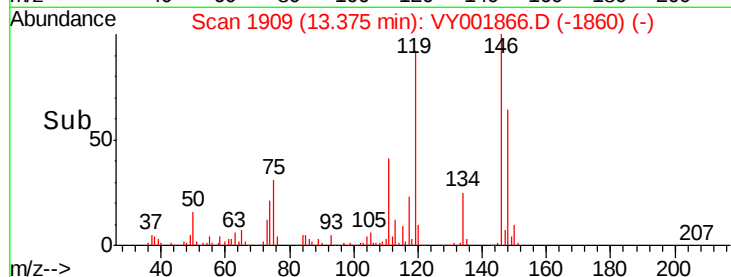
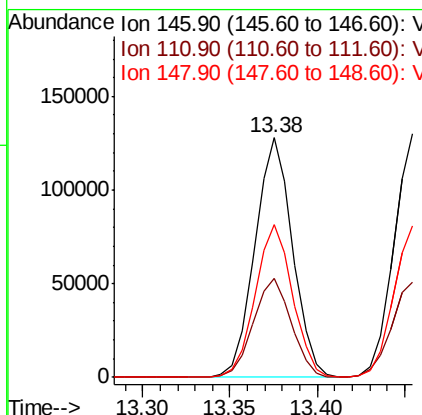
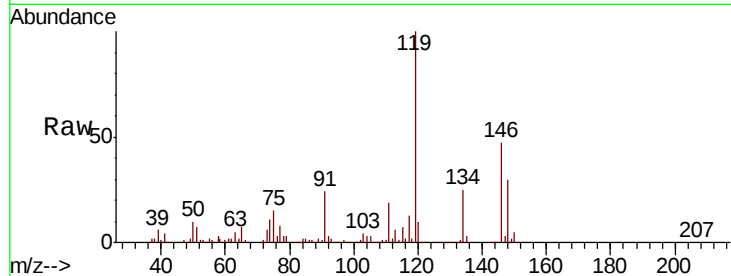
Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 192337

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.5
148	63.1	31.4	94.0



#88

1,4-Dichlorobenzene

Concen: 49.969 ug/l

RT: 13.45 min Scan# 1922

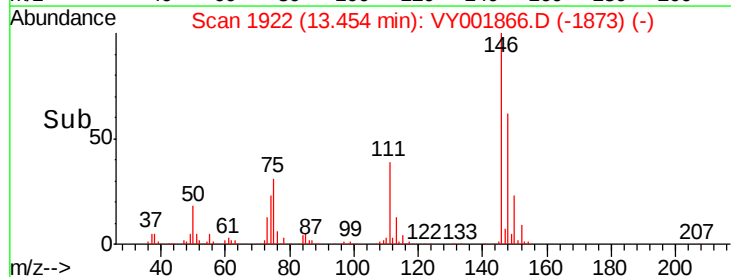
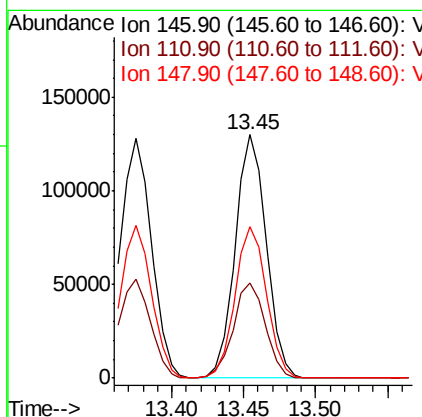
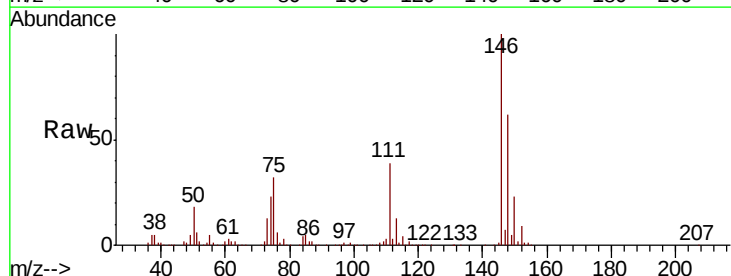
Delta R.T. 0.00 min

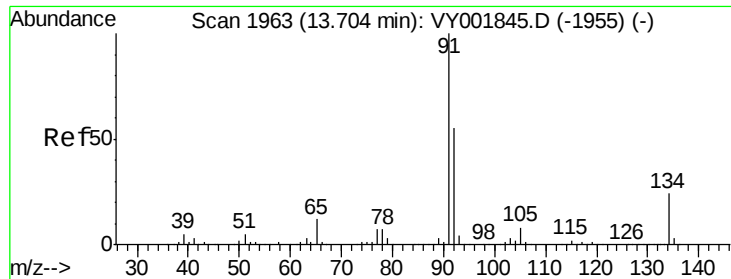
Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Tgt Ion:146 Resp: 195303

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	63.0	31.5	94.5

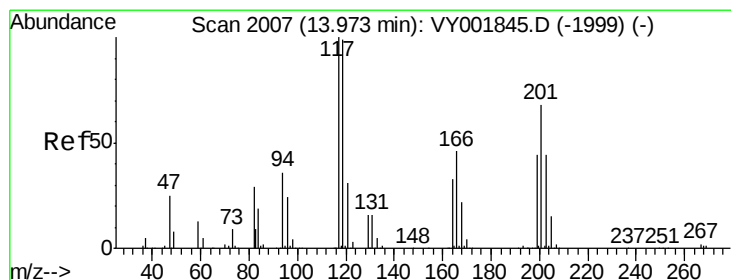
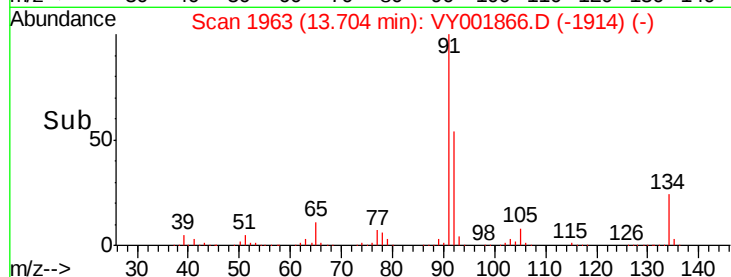
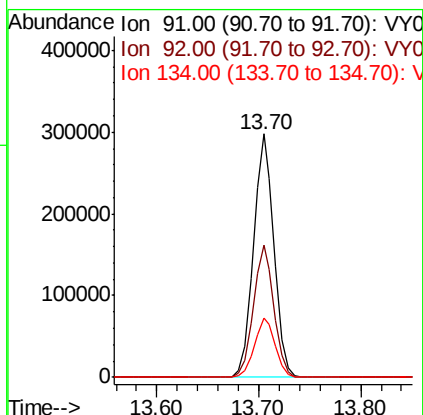
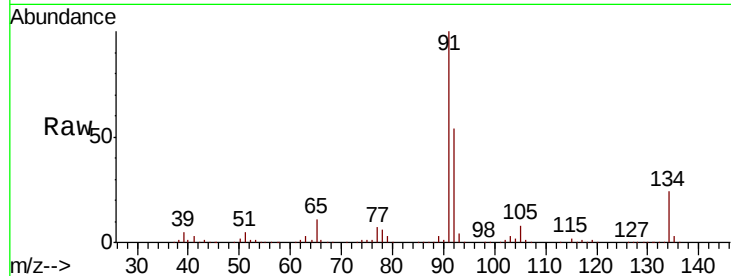




#89
n-Butylbenzene
Concen: 49.703 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

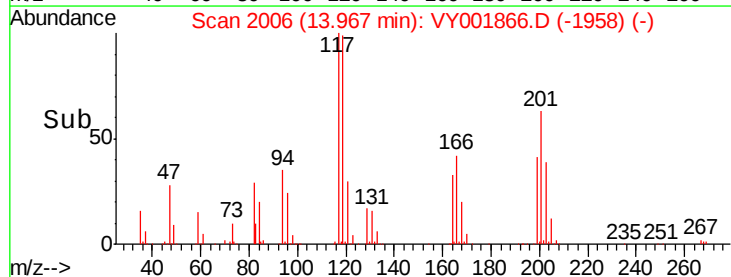
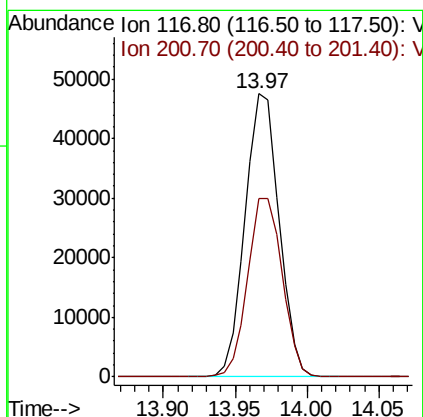
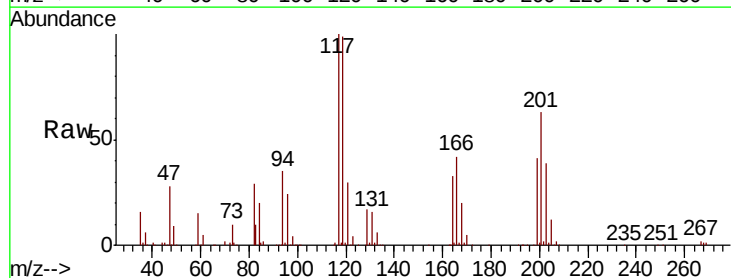
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

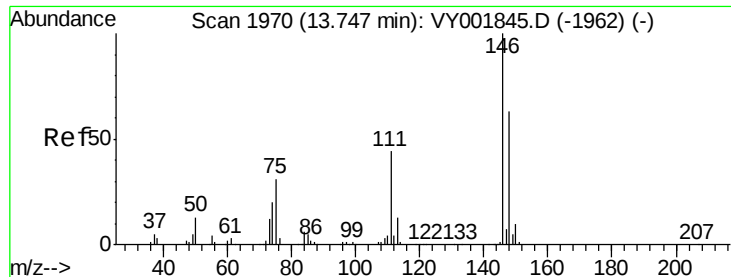
Tot Ion: 91 Resp: 416031
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 24.7 12.5 37.5



#90
Hexachloroethane
Concen: 51.010 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001866.D
Acq: 04 Mar 2020 19:55

Tgt Ion: 117 Resp: 77637
Ion Ratio Lower Upper
117 100
201 64.1 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 51.116 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

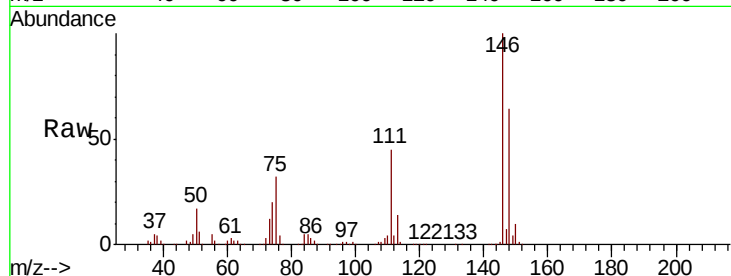
Tot Ion:146 Resp: 178912

Ion Ratio Lower Upper

146 100

111 43.3 21.5 64.5

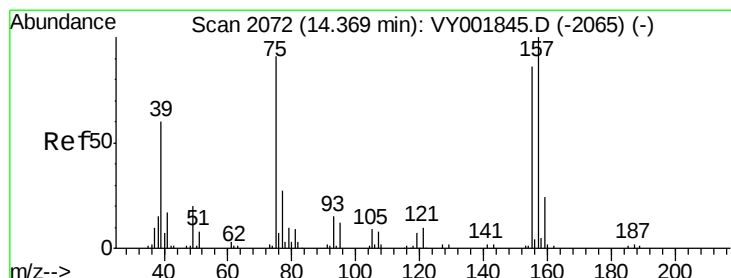
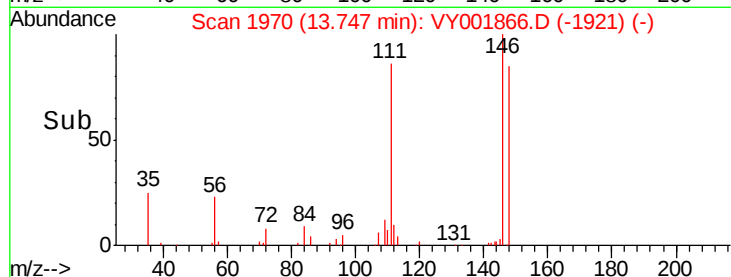
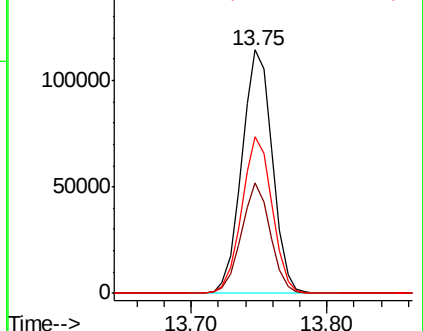
148 63.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.600 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

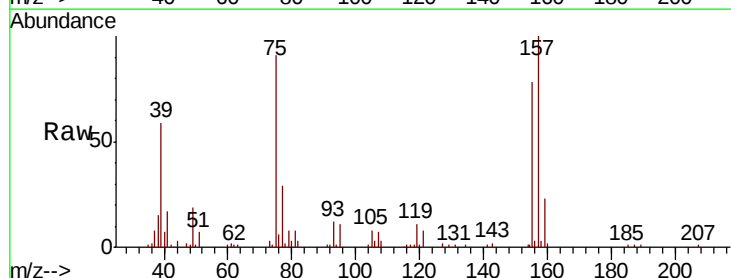
Tgt Ion: 75 Resp: 17362

Ion Ratio Lower Upper

75 100

155 82.3 42.9 128.7

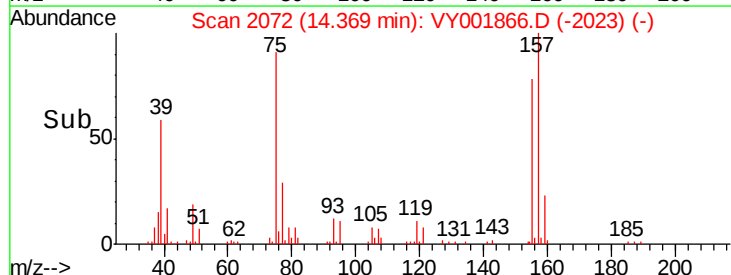
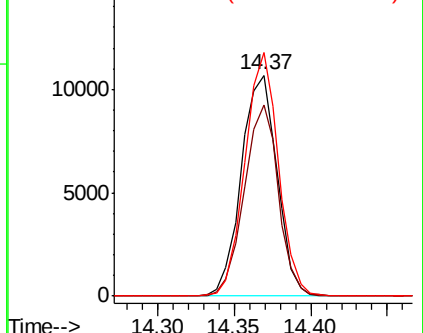
157 103.1 53.1 159.4

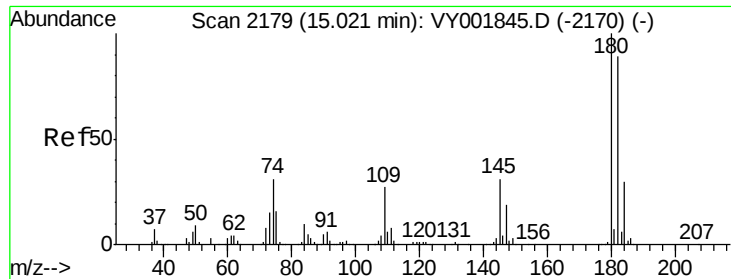


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

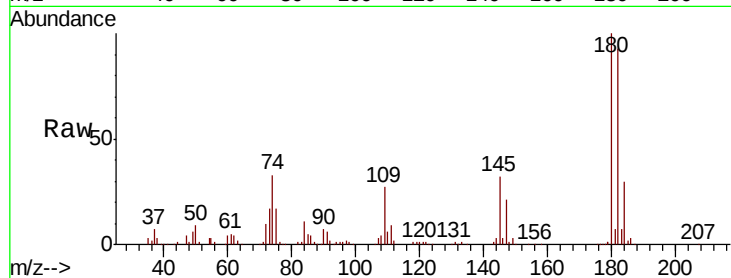




#93
 1,2,4-Trichlorobenzene
 Concen: 49.380 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.1	138.3
145	32.3	15.6	46.8

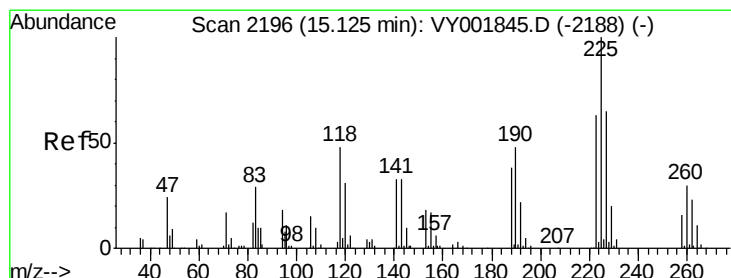
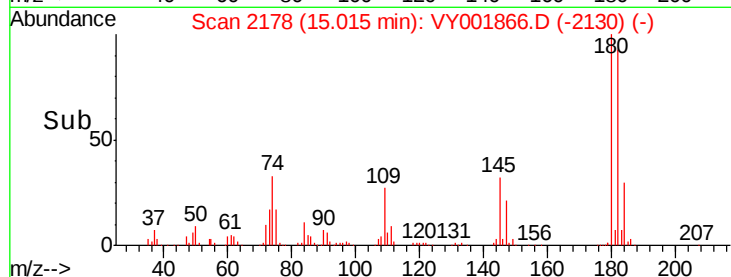
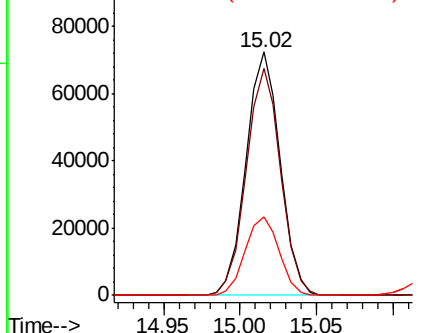


Abundance

Ion 179.80 (179.50 to 180.50): V

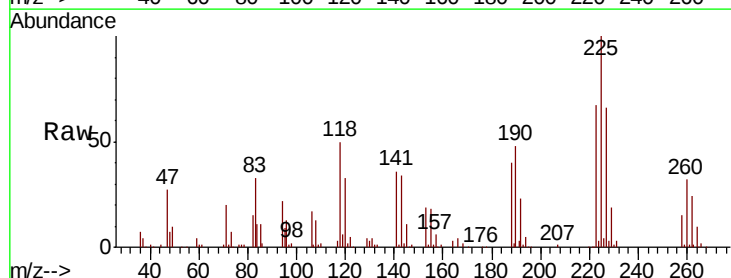
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.085 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001866.D
 Acq: 04 Mar 2020 19:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.5	94.5
227	65.3	31.9	95.5

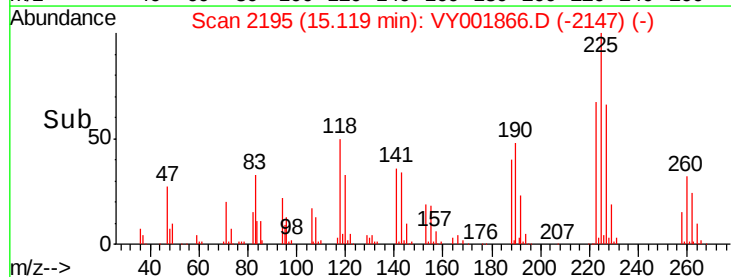
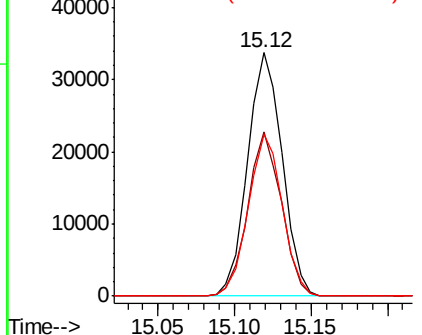


Abundance

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: 52.632 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

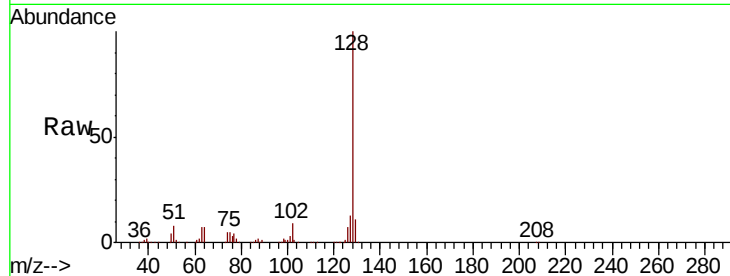
Tot Ion:128 Resp: 283376

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.9 8.6 13.0

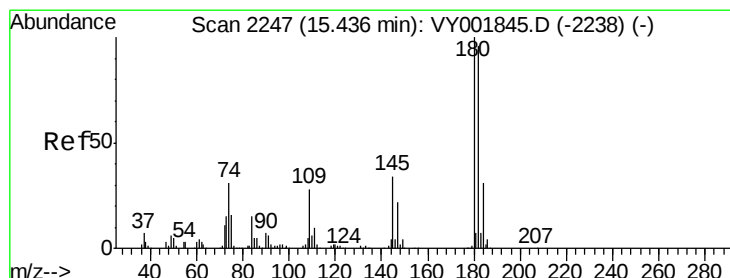
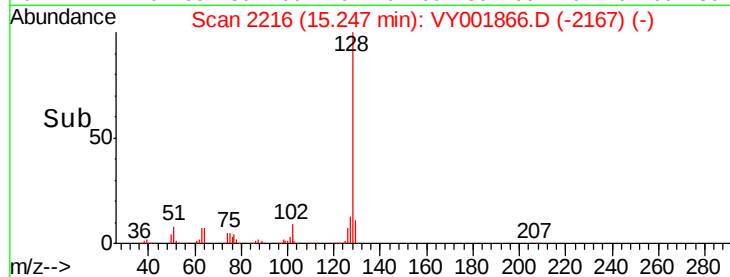
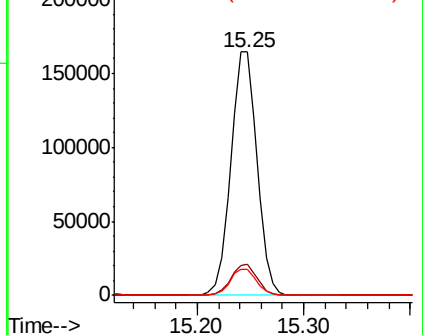


Abundance

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: 50.516 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY001866.D

Acq: 04 Mar 2020 19:55

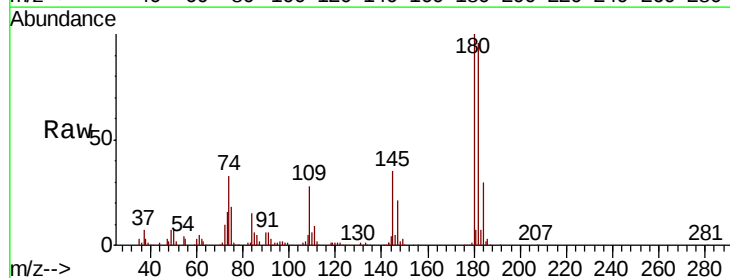
Tgt Ion:180 Resp: 101013

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 34.2 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

