

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002193.D
 Acq On : 02 Apr 2020 15:37
 Operator : SY/MD
 Sample : L2135-06MSD
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:15:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	146523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	272540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	80953	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
35) Dibromofluoromethane	7.74	113	76405	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	10.19	98	316949	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.49	95	110517	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	42120	43.794	ug/l	99
3) Chloromethane	2.12	50	73507	42.928	ug/l	98
4) Vinyl Chloride	2.26	62	79347	45.563	ug/l	99
5) Bromomethane	2.66	94	53477	47.054	ug/l	97
6) Chloroethane	2.80	64	52762	47.184	ug/l	94
7) Trichlorofluoromethane	3.14	101	112868	47.295	ug/l	95
8) Diethyl Ether	3.54	74	46700	46.201	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	73295	46.812	ug/l	99
10) Methyl Iodide	4.11	142	91009	48.882	ug/l	100
11) Tert butyl alcohol	4.99	59	31488	164.962	ug/l	99
12) 1,1-Dichloroethene	3.89	96	76965	48.409	ug/l	97
13) Acrolein	3.75	56	56359	236.235	ug/l	100
14) Allyl chloride	4.50	41	142346	48.907	ug/l	99
15) Acrylonitrile	5.19	53	114602	216.314	ug/l	99
16) Acetone	3.96	43	90288	198.403	ug/l	98
17) Carbon Disulfide	4.21	76	248838	47.161	ug/l	99
18) Methyl Acetate	4.50	43	55915	47.317	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	209571	47.251	ug/l	97
20) Methylene Chloride	4.74	84	93623	49.656	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	88732	49.017	ug/l	94
22) Diisopropyl ether	6.14	45	293442	49.265	ug/l	96
23) Vinyl Acetate	6.08	43	866084	221.740	ug/l	98
24) 1,1-Dichloroethane	6.04	63	157108	49.608	ug/l	98
25) 2-Butanone	7.00	43	145185	207.773	ug/l	100
26) 2,2-Dichloropropane	7.00	77	125840	48.246	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	98727	49.574	ug/l	100
28) Bromochloromethane	7.35	49	73903	51.114	ug/l	99
29) Tetrahydrofuran	7.36	42	95638	208.754	ug/l	99
30) Chloroform	7.52	83	149546	49.818	ug/l	99
31) Cyclohexane	7.80	56	156626	46.413	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	126087	50.307	ug/l	99
36) 1,1-Dichloropropene	7.93	75	124452	48.278	ug/l	99
37) Ethyl Acetate	7.09	43	65341	41.944	ug/l	99
38) Carbon Tetrachloride	7.91	117	108606	49.658	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	158855	46.980	ug/l	98
40) Benzene	8.18	78	373680	48.937	ug/l	98
41) Methacrylonitrile	7.36	41	87126	110.569	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	94822	46.773	ug/l	100
43) Isopropyl Acetate	8.28	43	125557	43.425	ug/l	98
44) Trichloroethene	8.95	130	88423	48.039	ug/l	90
45) 1,2-Dichloropropane	9.23	63	94458	48.583	ug/l	100
46) Dibromomethane	9.32	93	45835	45.904	ug/l	99
47) Bromodichloromethane	9.50	83	114906	49.434	ug/l	97
48) Methyl methacrylate	9.30	41	56347	43.488	ug/l	97
49) 1,4-Dioxane	9.31	88	12007	876.308	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	322788	216.809	ug/l	100
52) Toluene	10.25	92	226436	49.029	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	122925	47.646	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	147155	48.445	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	68438	46.310	ug/l	99
56) Ethyl methacrylate	10.52	69	97881	45.347	ug/l	98
57) 1,3-Dichloropropane	10.80	76	122496	46.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	281094	253.442	ug/l	100
59) 2-Hexanone	10.84	43	223608	213.215	ug/l	98
60) Dibromochloromethane	10.99	129	73670	47.639	ug/l	99
61) 1,2-Dibromoethane	11.10	107	64299	46.485	ug/l	99
64) Tetrachloroethene	10.72	164	75072	50.391	ug/l	99
65) Chlorobenzene	11.52	112	231236	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	77227	49.111	ug/l	99
67) Ethyl Benzene	11.60	91	434287	49.748	ug/l	98
68) m/p-Xylenes	11.70	106	321529	99.615	ug/l	100
69) o-Xylene	12.03	106	150558	49.172	ug/l	100
70) Styrene	12.05	104	263509	49.666	ug/l	99
71) Bromoform	12.21	173	40000	46.443	ug/l #	97
73) Isopropylbenzene	12.33	105	409052	49.303	ug/l	99
74) N-amyl acetate	12.15	43	115283	44.056	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	80089	44.859	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	103874	83.027	ug/l #	100
77) Bromobenzene	12.61	156	86849	49.036	ug/l	98
78) n-propylbenzene	12.67	91	501555	48.713	ug/l	100
79) 2-Chlorotoluene	12.76	91	280210	49.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	339065	49.534	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28304	43.830	ug/l	97
82) 4-Chlorotoluene	12.86	91	287996	48.345	ug/l	99
83) tert-Butylbenzene	13.08	119	286621	50.164	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	338832	49.613	ug/l	97
85) sec-Butylbenzene	13.26	105	416386	49.201	ug/l	100
86) p-Isopropyltoluene	13.38	119	357363	49.173	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	167994	48.486	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	168816	48.419	ug/l	100
89) n-Butylbenzene	13.70	91	363411	47.993	ug/l	99
90) Hexachloroethane	13.97	117	69498	50.750	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	153452	47.958	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12244	42.814	ug/l	99

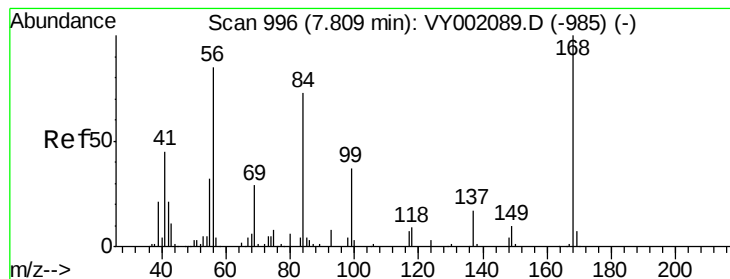
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	97605	47.327	ug/l	97
94) Hexachlorobutadiene	15.12	225	47910	47.062	ug/l	99
95) Naphthalene	15.24	128	219952	44.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	85064	45.484	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

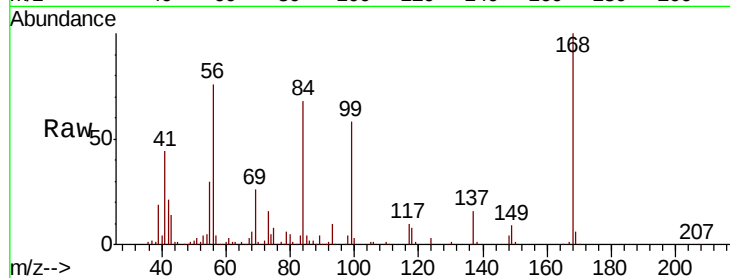
ClientSampleId :

Tot Ion:168 Resp: 146523

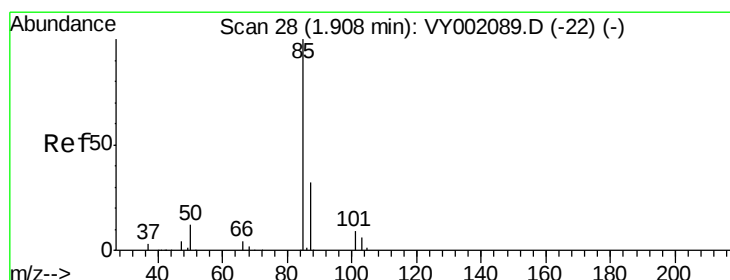
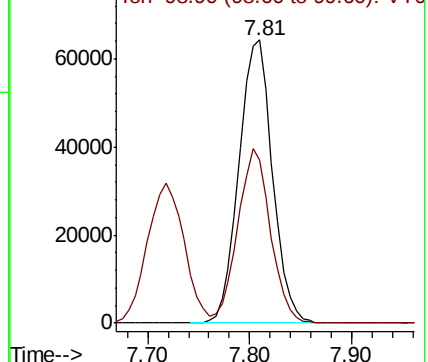
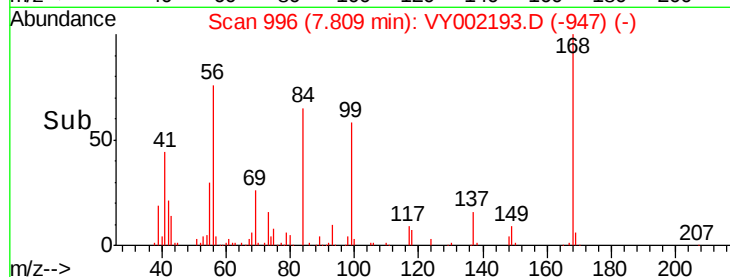
Ion Ratio Lower Upper

168 100

99 57.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002193.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 43.794 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002193.D

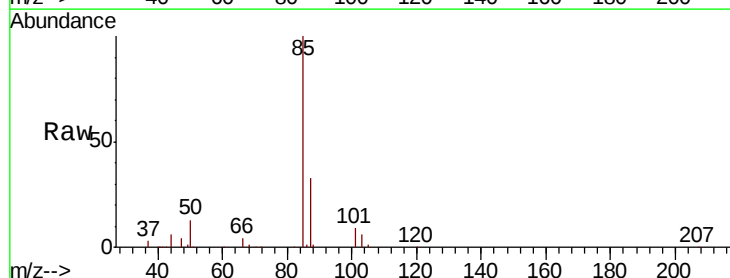
Acq: 02 Apr 2020 15:37

Tgt Ion: 85 Resp: 42120

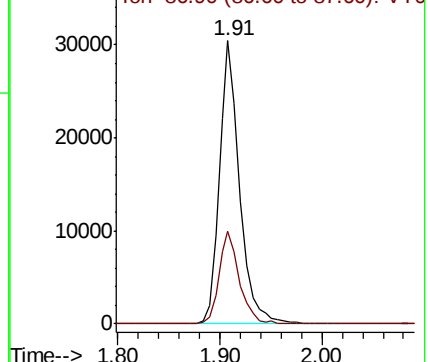
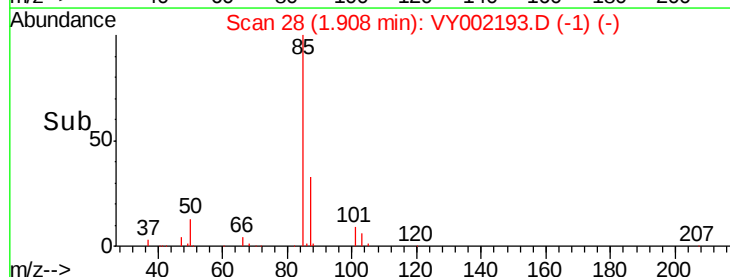
Ion Ratio Lower Upper

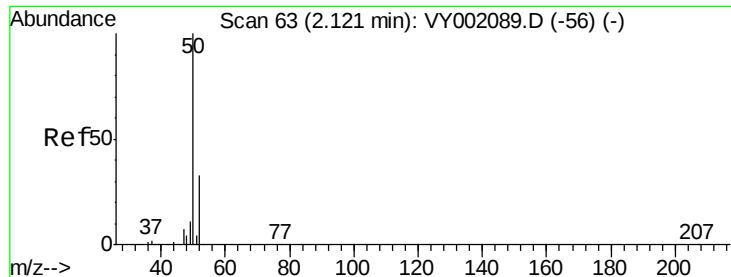
85 100

87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002193.D (-1) (-)





#3

Chloromethane

Concen: 42.928 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

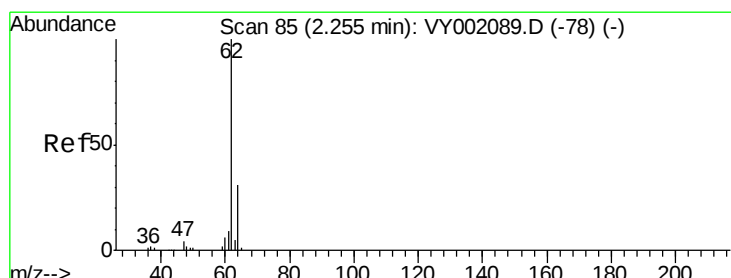
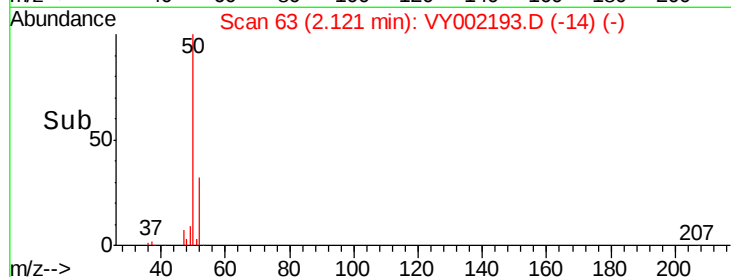
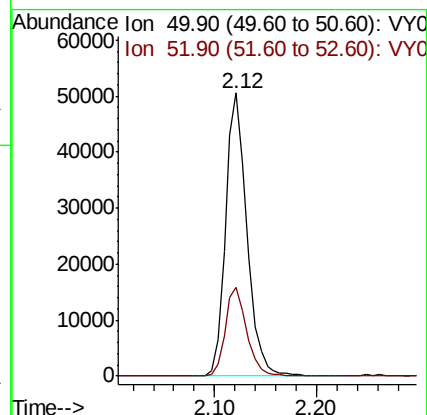
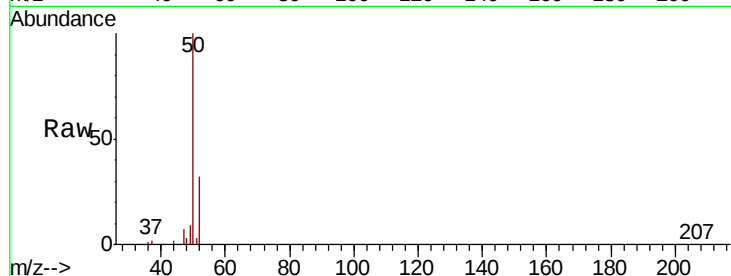
ClientSampleId :

Tot Ion: 50 Resp: 73507

Ion Ratio Lower Upper

50 100

52 31.5 26.1 39.1



#4

Vinyl Chloride

Concen: 45.563 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002193.D

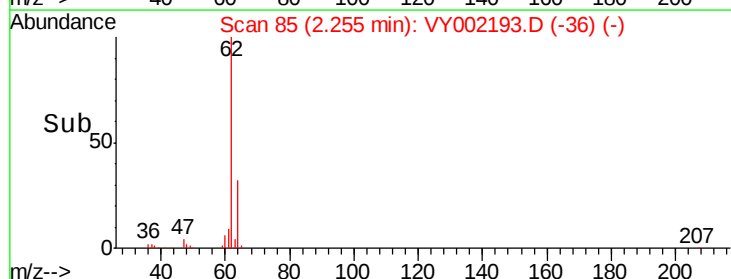
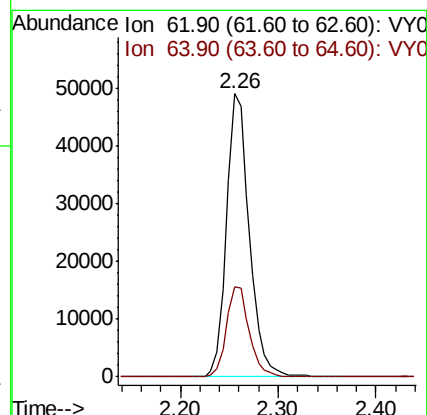
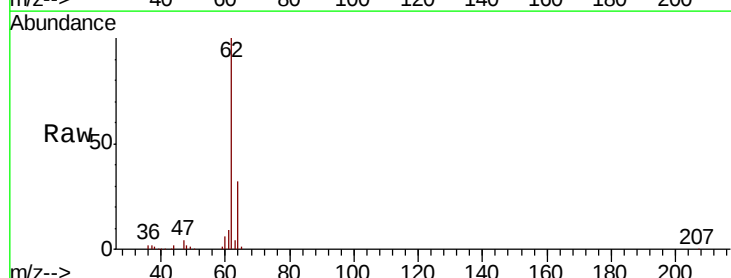
Acq: 02 Apr 2020 15:37

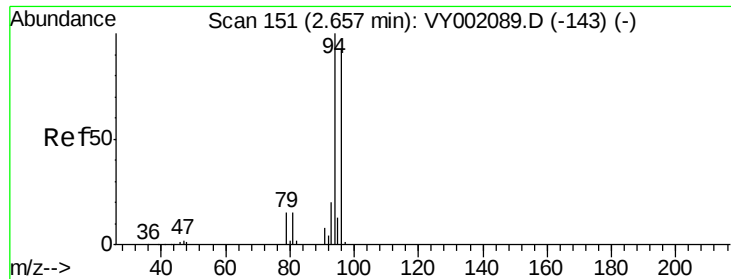
Tgt Ion: 62 Resp: 79347

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 47.054 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

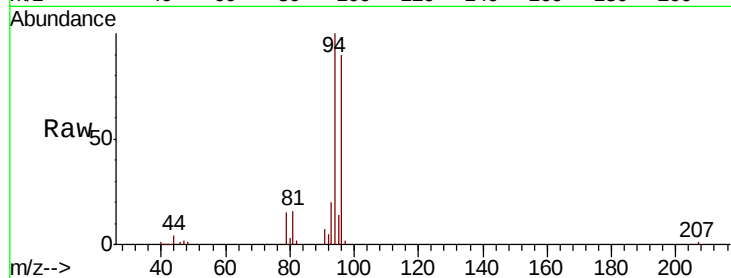
ClientSampled :

Tot Ion: 94 Resp: 53477

Ion Ratio Lower Upper

94 100

96 89.7 74.1 111.1

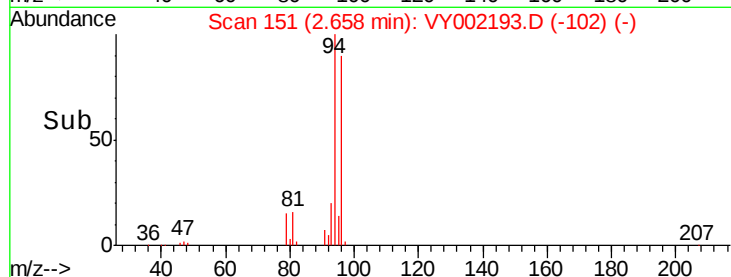


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

Time-->



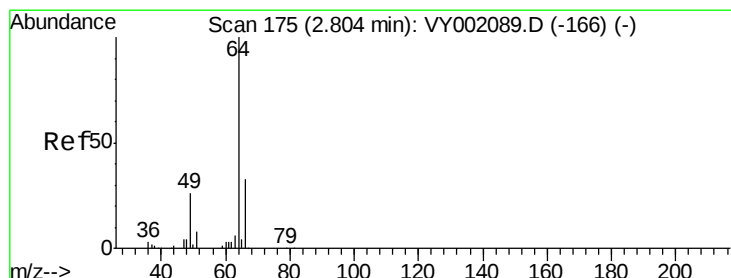
Abundance

Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

Time-->



#6

Chloroethane

Concen: 47.184 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002193.D

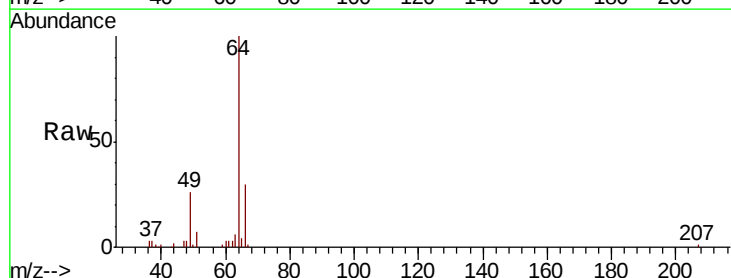
Acq: 02 Apr 2020 15:37

Tgt Ion: 64 Resp: 52762

Ion Ratio Lower Upper

64 100

66 29.9 26.6 39.8

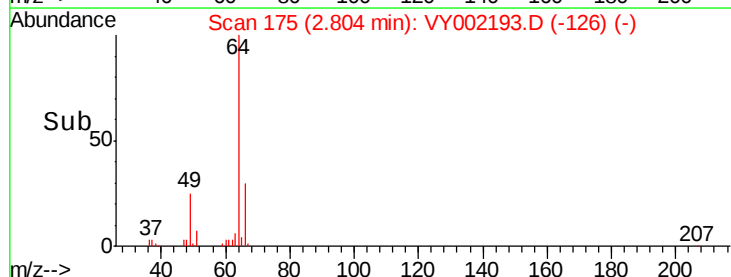


Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

Time-->



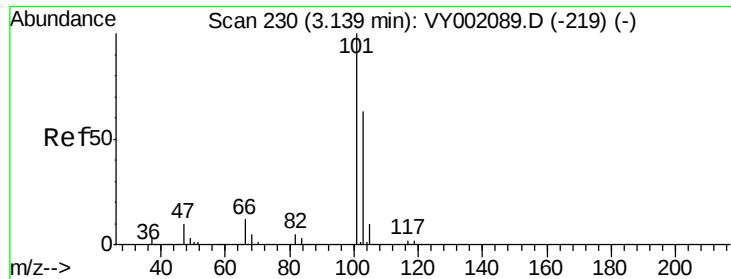
Abundance

Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

Time-->

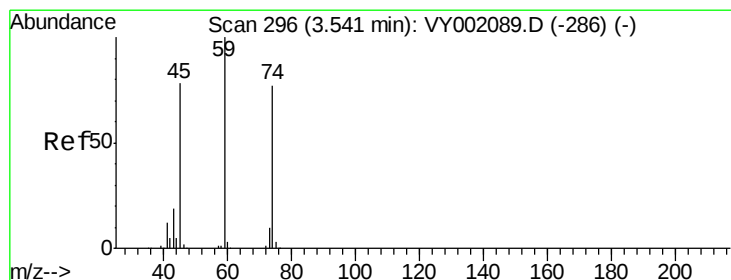
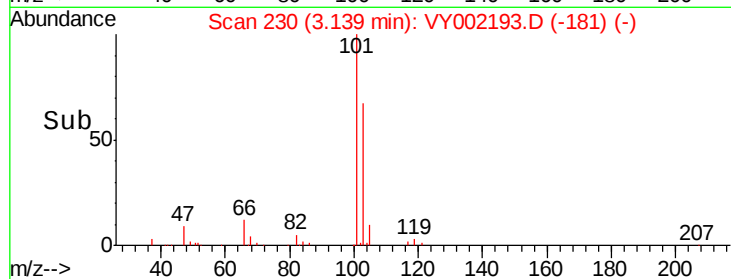
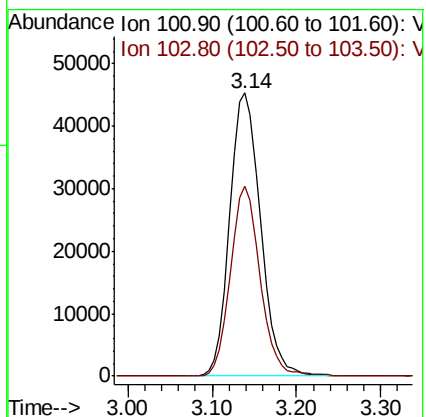
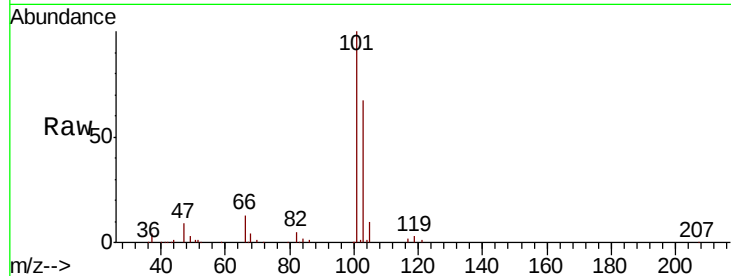


#7

Trichlorofluoromethane
Concen: 47.295 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampled :

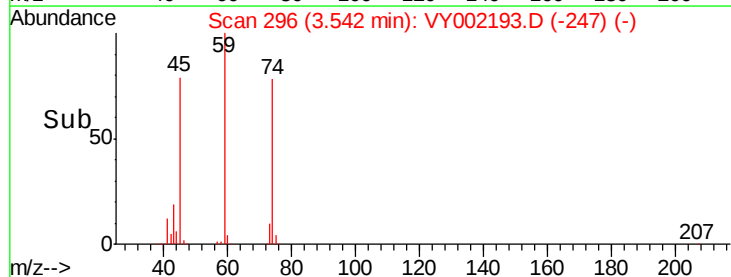
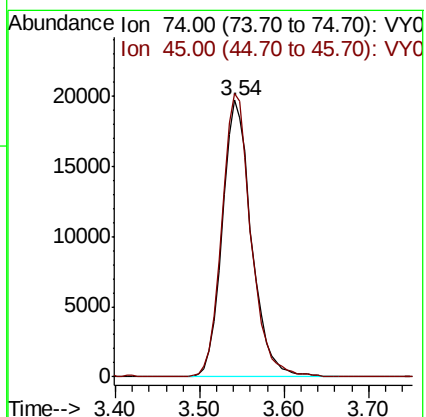
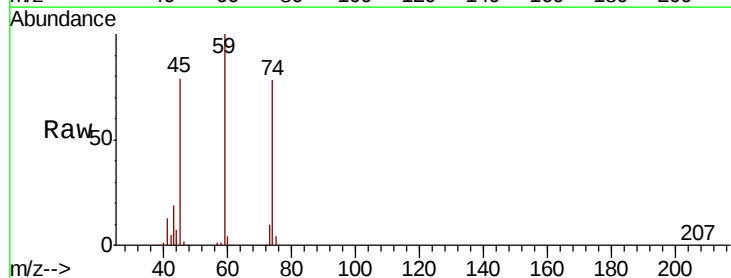
Tot Ion:101 Resp: 112868
Ion Ratio Lower Upper
101 100
103 67.0 50.6 76.0

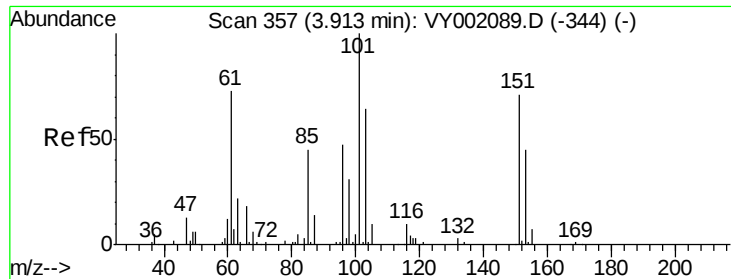


#8

Diethyl Ether
Concen: 46.201 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 74 Resp: 46700
Ion Ratio Lower Upper
74 100
45 102.3 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.812 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

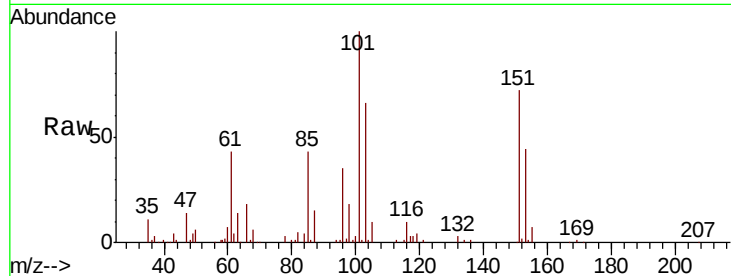
Tot Ion:101 Resp: 73295

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

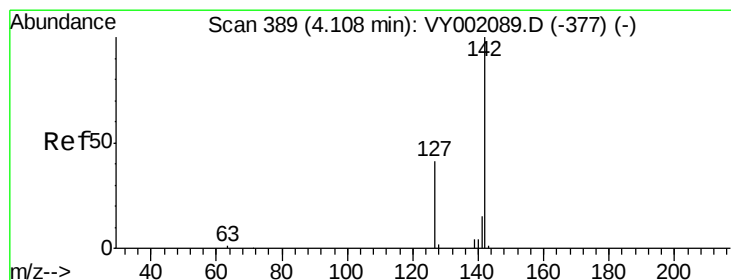
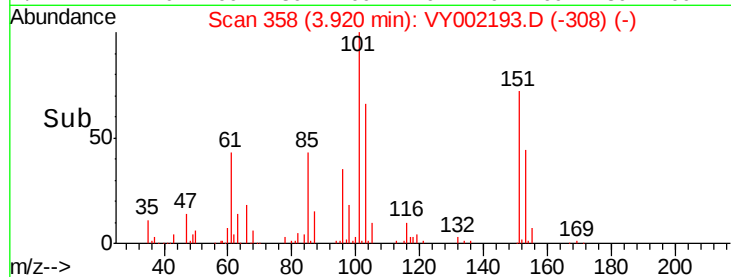
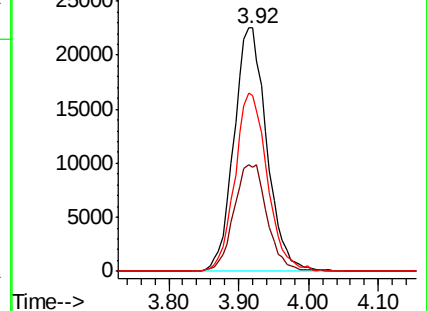
151 72.6 57.5 86.3



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: 48.882 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

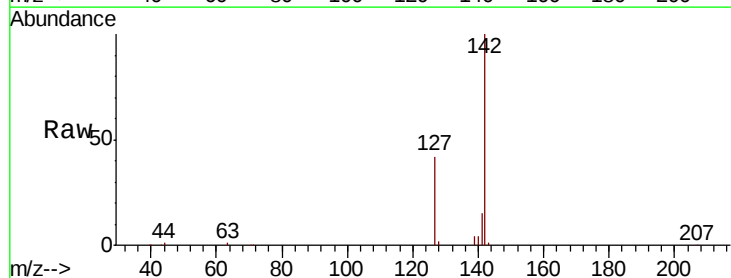
Tgt Ion:142 Resp: 91009

Ion Ratio Lower Upper

142 100

127 40.9 32.6 49.0

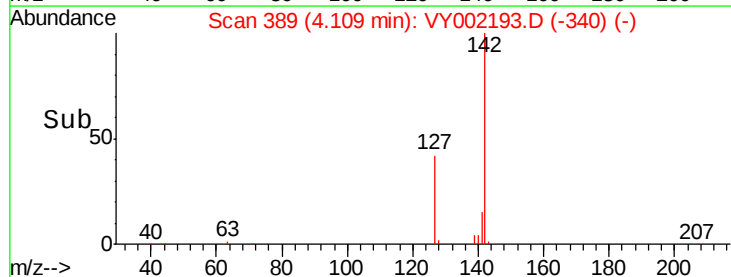
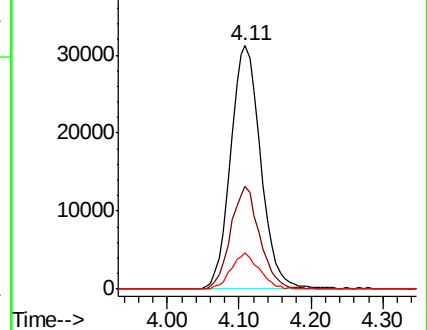
141 13.8 11.4 17.0

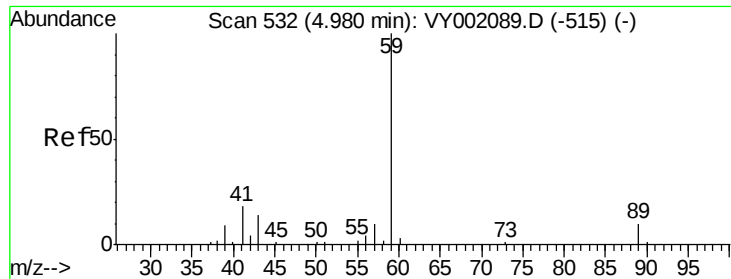


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

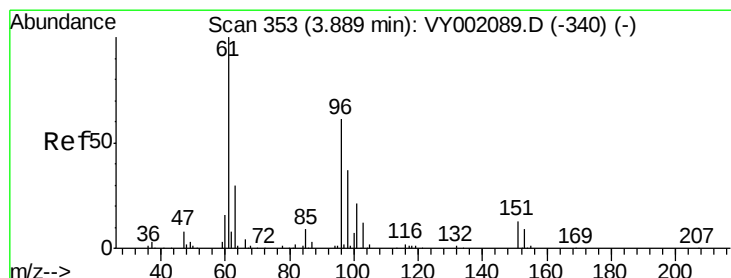
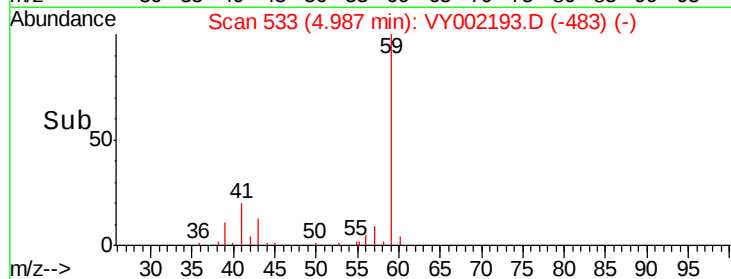
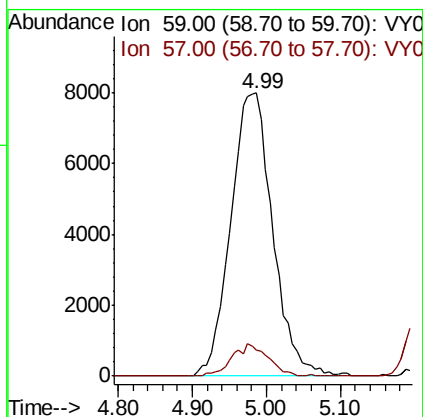
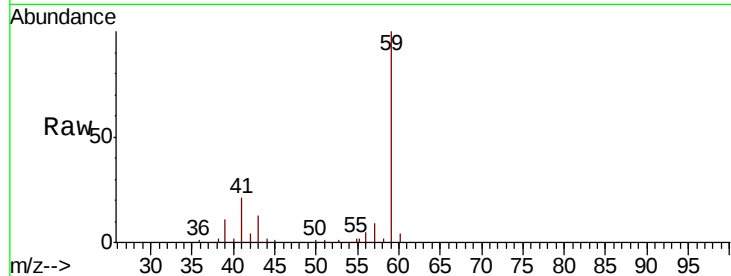




#11
Tert butyl alcohol
Concen: 164.962 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

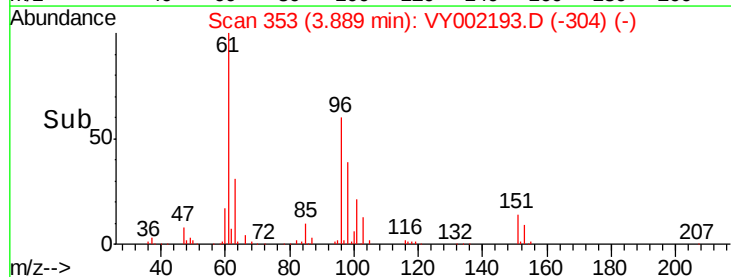
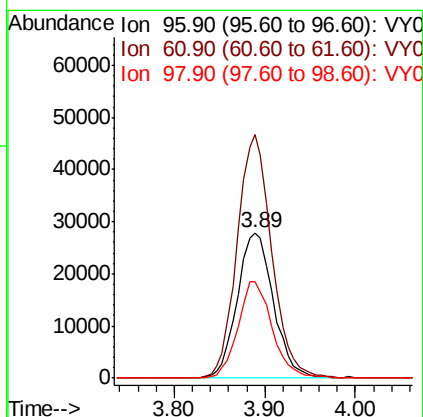
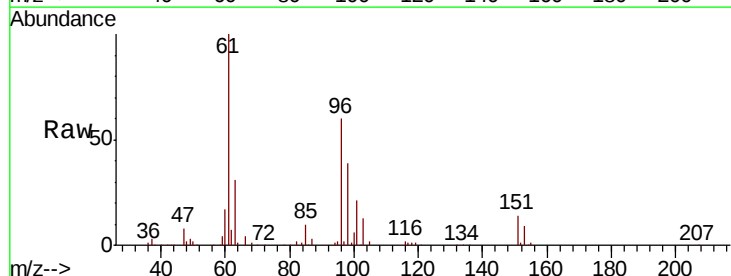
Instrument :
MSVOA_Y
ClientSampleId :

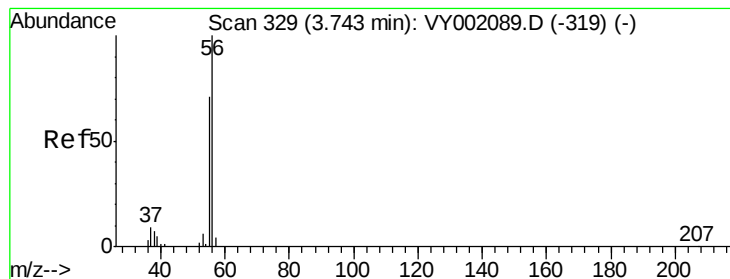
Tot Ion: 59 Resp: 31488
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.409 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 96 Resp: 76965
Ion Ratio Lower Upper
96 100
61 167.6 132.0 198.0
98 66.1 49.4 74.0





#13

Acrolein

Concen: 236.235 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

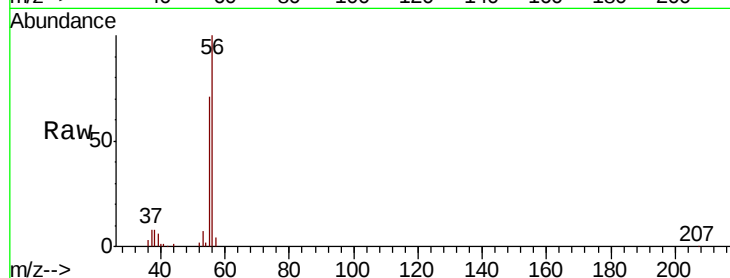
ClientSampleId :

Tot Ion: 56 Resp: 56359

Ion Ratio Lower Upper

56 100

55 70.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY002193.D (-280) (-)

Ion 55.00 (54.70 to 55.70): VY002193.D (-280) (-)

3.75

25000

20000

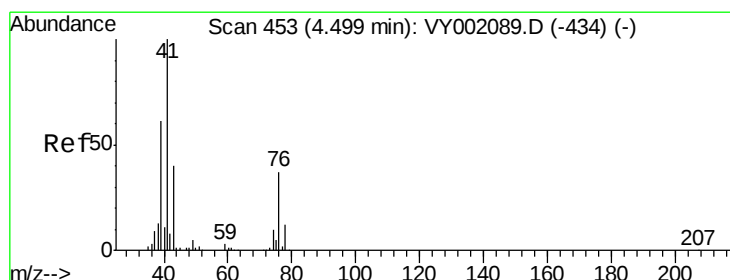
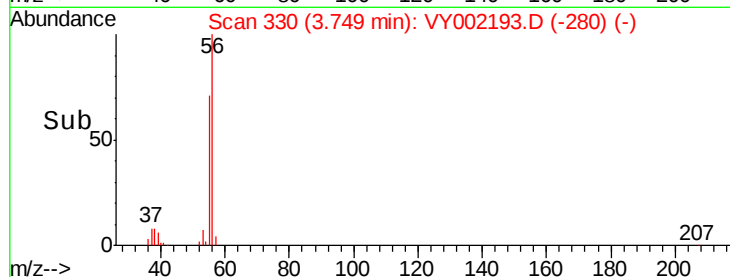
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 48.907 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

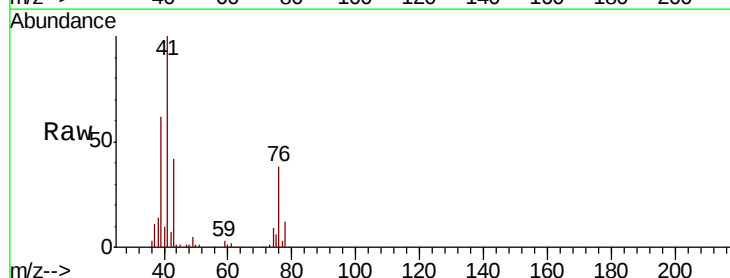
Tgt Ion: 41 Resp: 142346

Ion Ratio Lower Upper

41 100

39 61.6 49.0 73.4

76 35.1 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VY002193.D (-404) (-)

Ion 39.00 (38.70 to 39.70): VY002193.D (-404) (-)

Ion 75.90 (75.60 to 76.60): VY002193.D (-404) (-)

4.50

60000

50000

40000

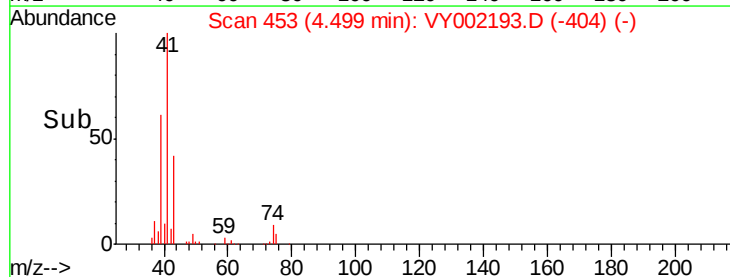
30000

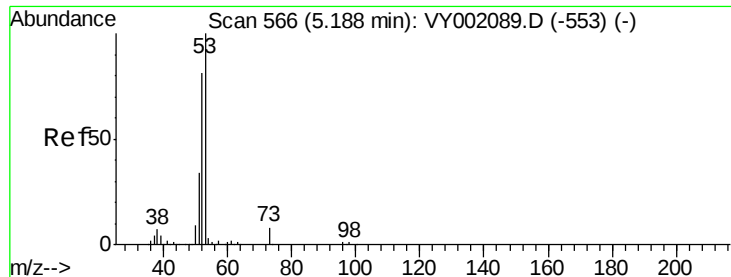
20000

10000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 216.314 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

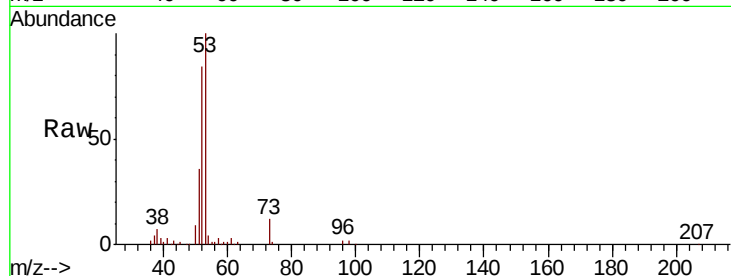
Tot Ion: 53 Resp: 114602

Ion Ratio Lower Upper

53 100

52 81.6 64.6 97.0

51 35.5 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002089.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002089.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002089.D (-553) (-)

5.19

40000

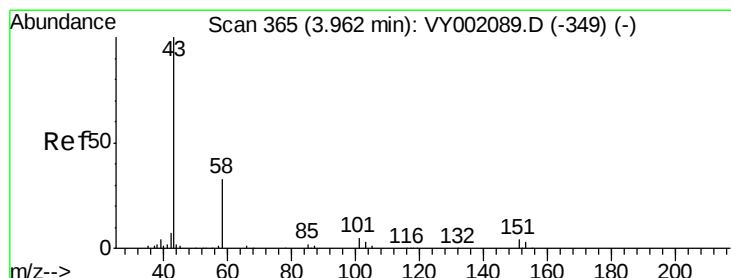
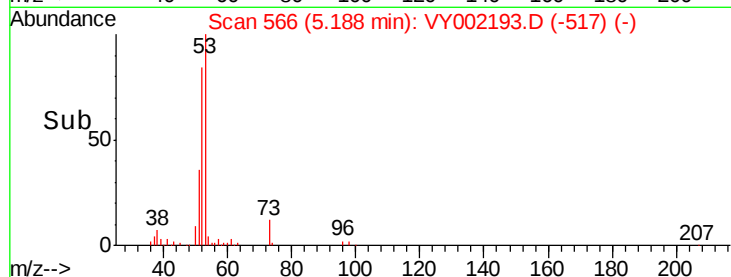
30000

20000

10000

0

Time--> 5.00 5.10 5.20 5.30 5.40



#16

Acetone

Concen: 198.403 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002193.D

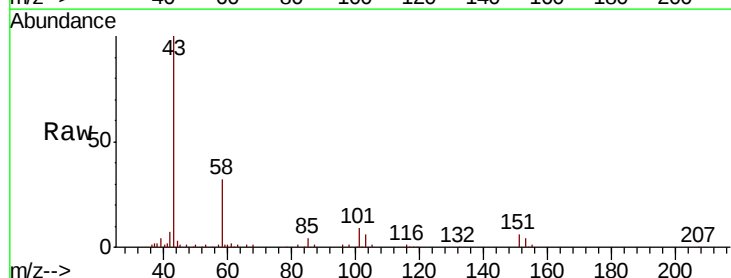
Acq: 02 Apr 2020 15:37

Tgt Ion: 43 Resp: 90288

Ion Ratio Lower Upper

43 100

58 31.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)

3.96

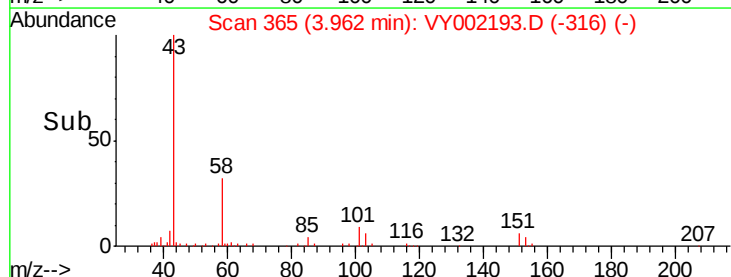
30000

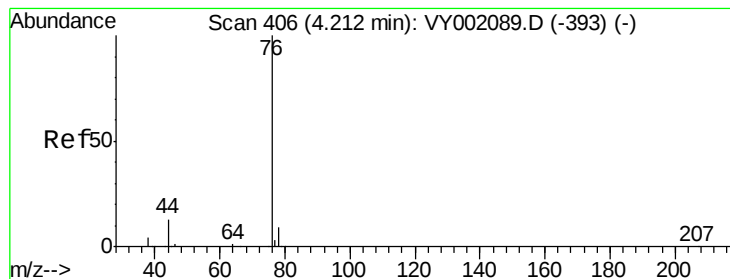
20000

10000

0

Time--> 3.80 3.90 4.00 4.10





#17

Carbon Disulfide

Concen: 47.161 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

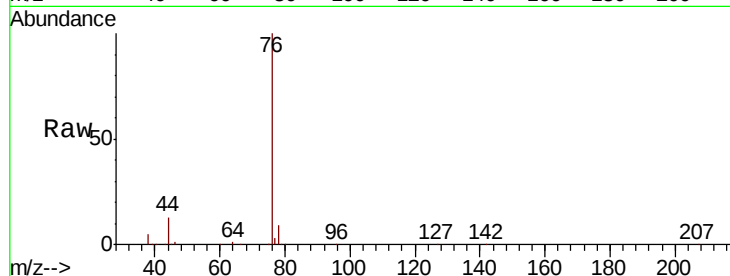
ClientSampled :

Tot Ion: 76 Resp: 248838

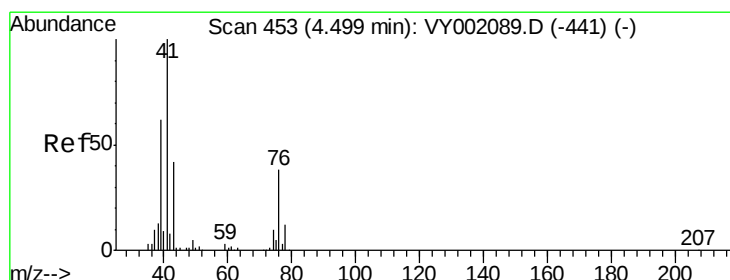
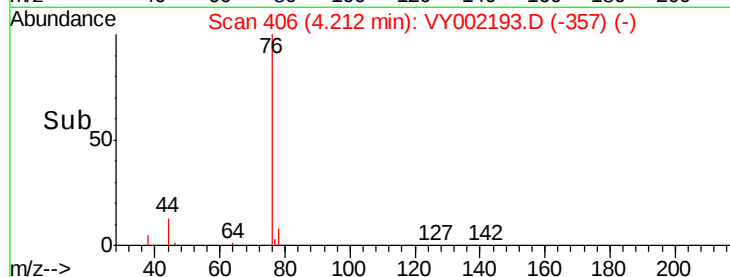
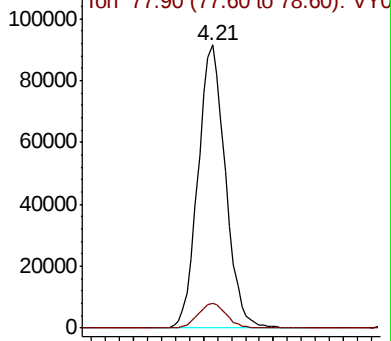
Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002193.D (-357) (-)



#18

Methyl Acetate

Concen: 47.317 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002193.D

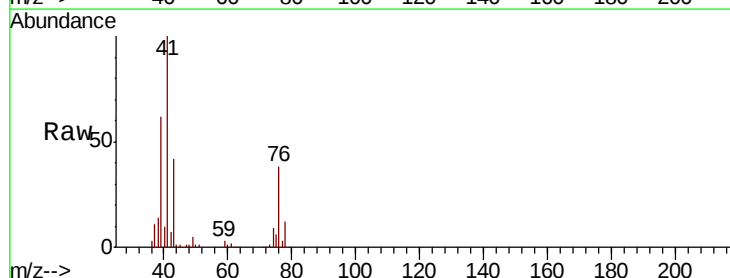
Acq: 02 Apr 2020 15:37

Tgt Ion: 43 Resp: 55915

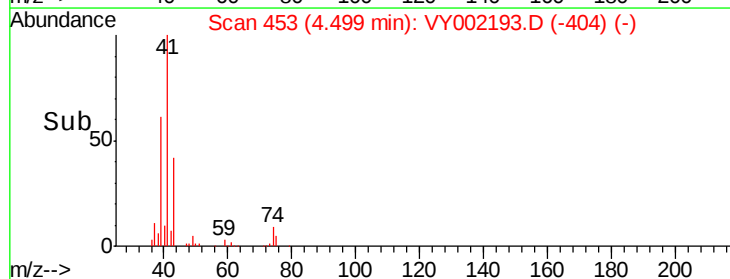
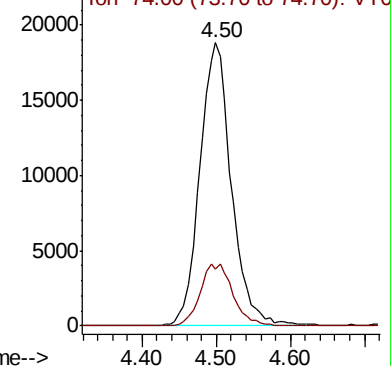
Ion Ratio Lower Upper

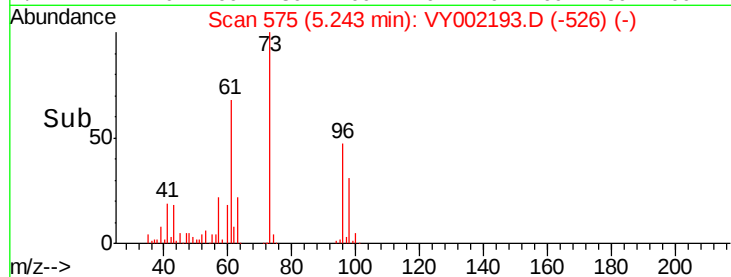
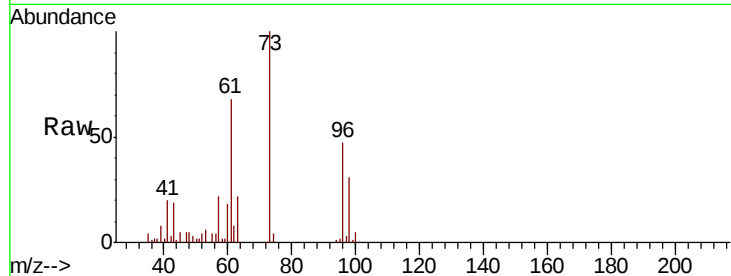
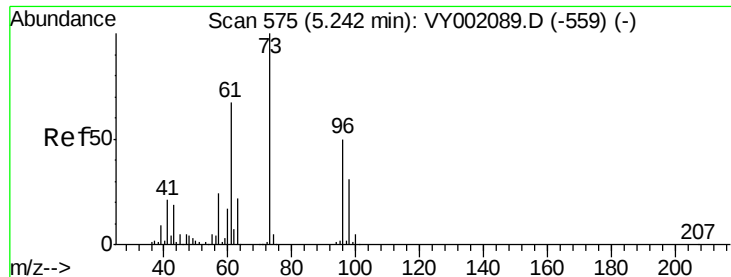
43 100

74 22.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002193.D (-404) (-)

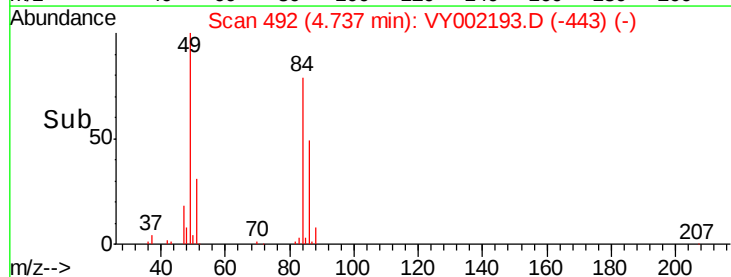
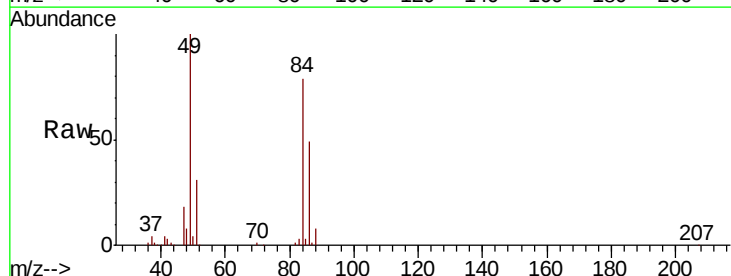
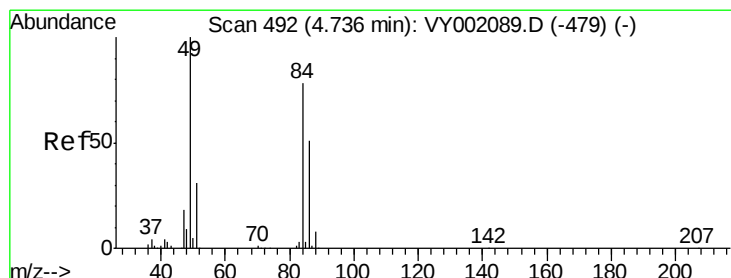
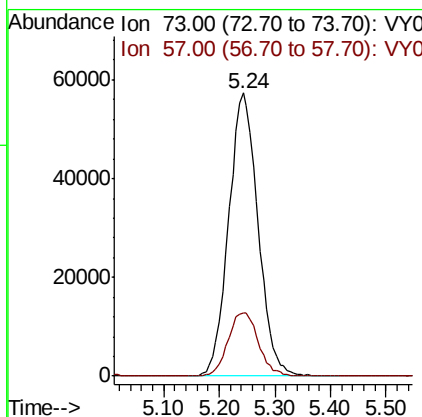




#19
Methvl tert-butvl Ether
Concen: 47.251 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

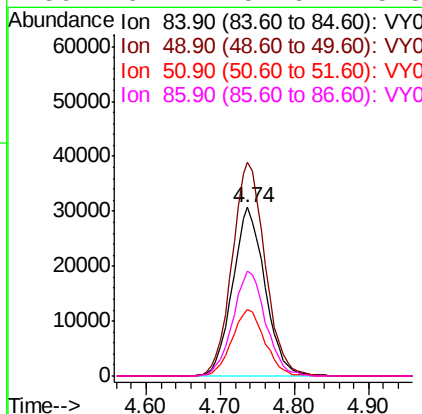
Instrument :
MSVOA_Y
ClientSampleId :

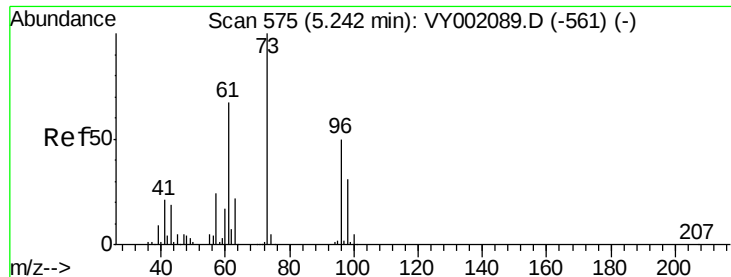
Tot Ion: 73 Resp: 209571
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.6



#20
Methylene Chloride
Concen: 49.656 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 84 Resp: 93623
Ion Ratio Lower Upper
84 100
49 126.9 102.2 153.4
51 39.6 31.2 46.8
86 62.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 49.017 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

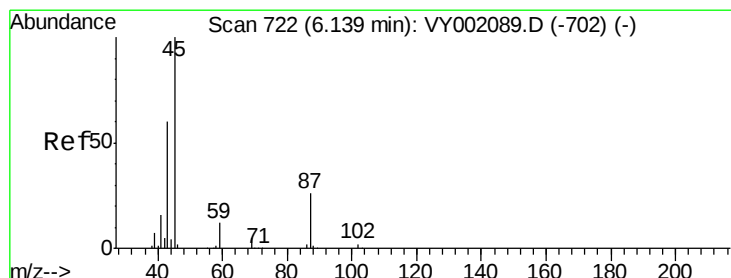
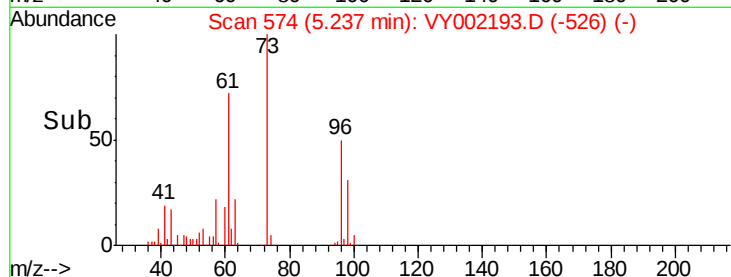
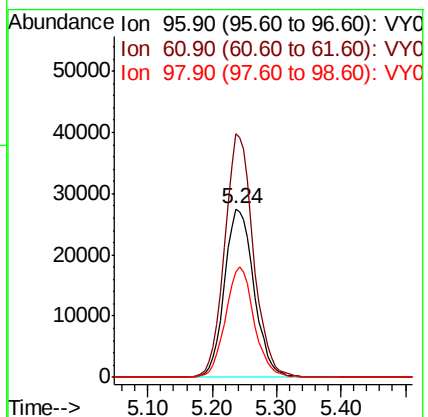
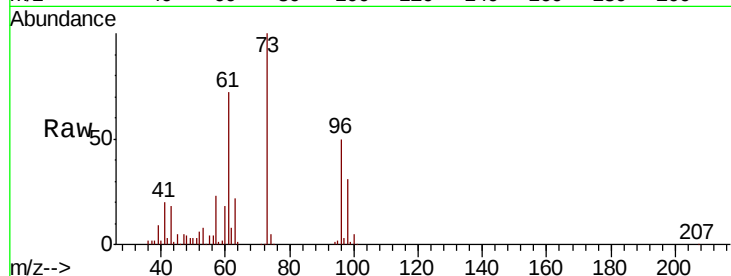
Tot Ion: 96 Resp: 88732

Ion Ratio Lower Upper

96 100

61 144.6 107.7 161.5

98 62.7 50.5 75.7



#22

Diisopropyl ether

Concen: 49.265 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion: 45 Resp: 293442

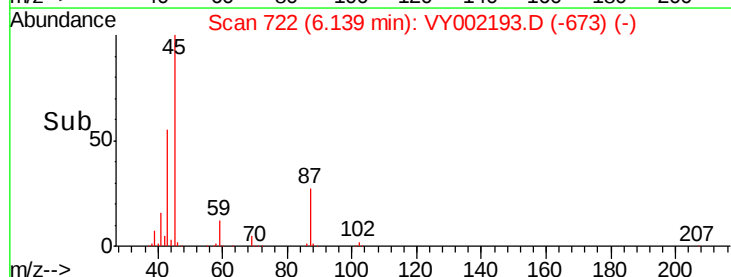
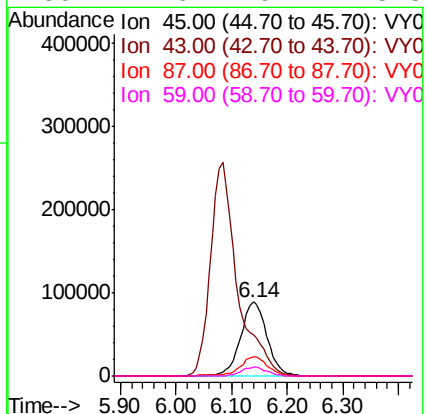
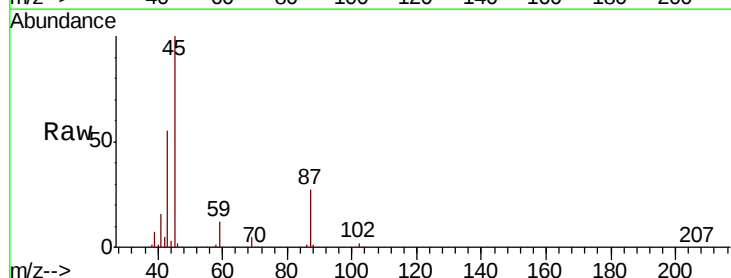
Ion Ratio Lower Upper

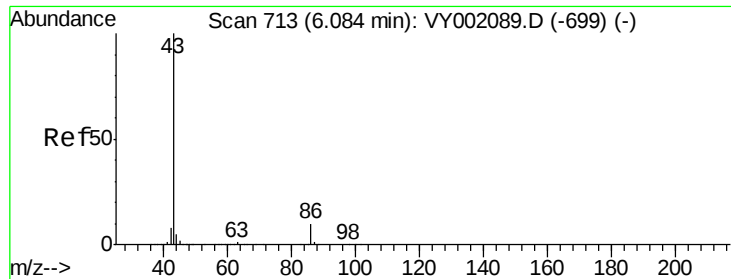
45 100

43 55.2 48.1 72.1

87 26.5 21.1 31.7

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 221.740 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

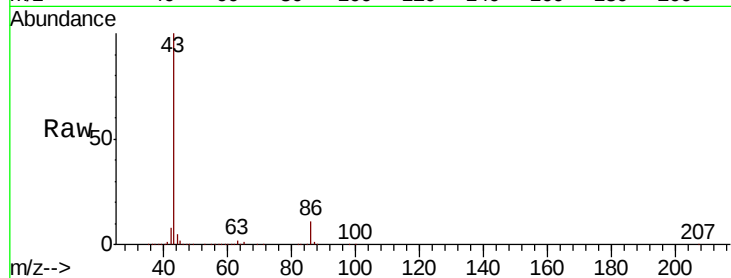
ClientSampleId :

Tot Ion: 43 Resp: 866084

Ion Ratio Lower Upper

43 100

86 10.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY002193.D (-664) (-)

Ion 86.00 (85.70 to 86.70): VY002193.D (-664) (-)

6.08

250000

200000

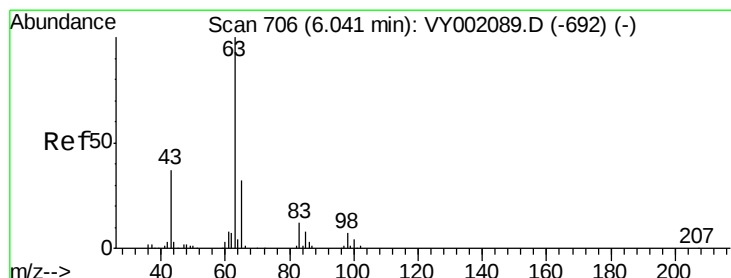
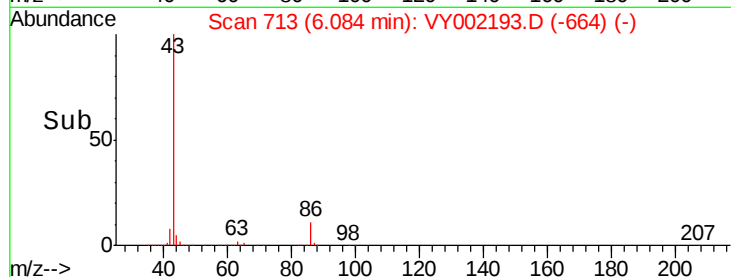
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 49.608 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

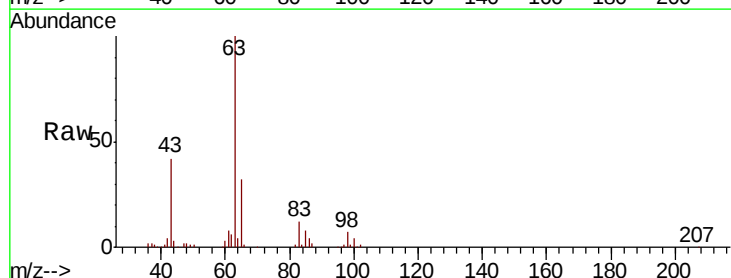
Tgt Ion: 63 Resp: 157108

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY002193.D (-657) (-)

Ion 97.90 (97.60 to 98.60): VY002193.D (-657) (-)

Ion 99.90 (99.60 to 100.60): VY002193.D (-657) (-)

6.04

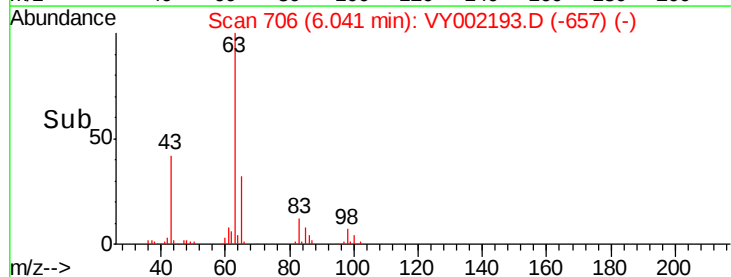
60000

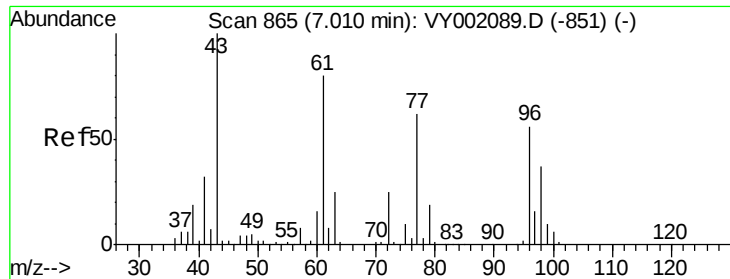
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 207.773 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

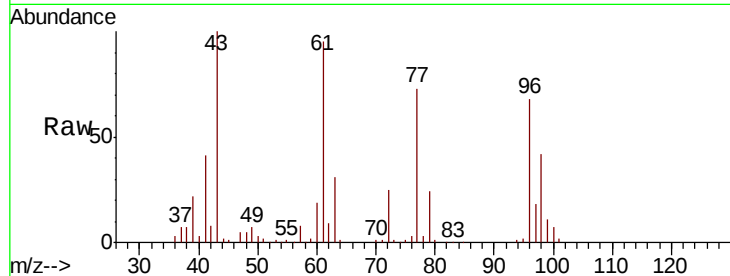
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 145185

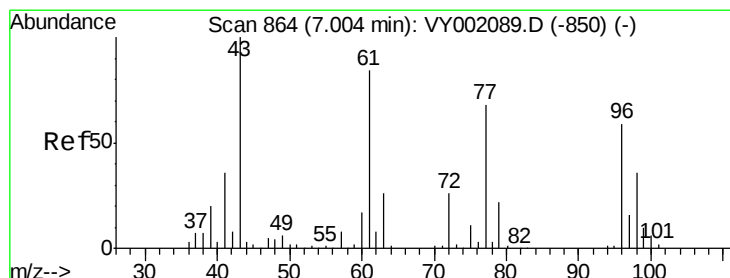
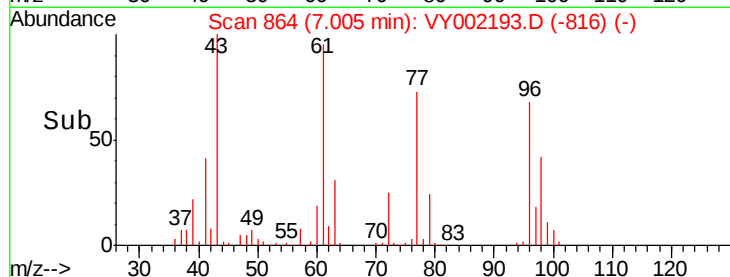
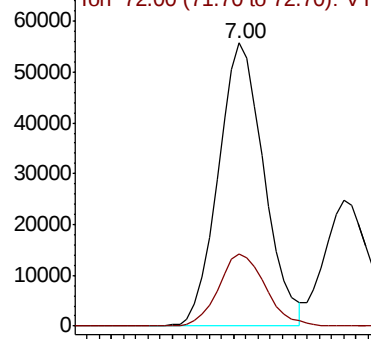
Ion Ratio Lower Upper

43 100

72 25.4 20.2 30.2



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



#26

2,2-Dichloropropane

Concen: 48.246 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002193.D

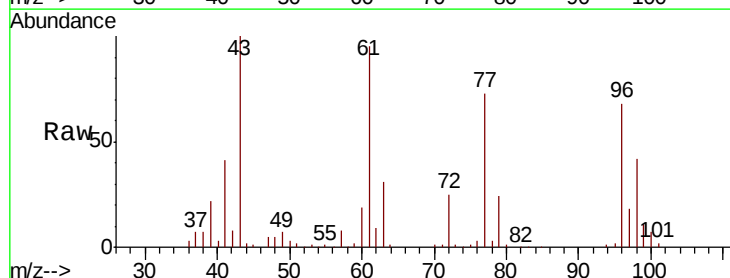
Acq: 02 Apr 2020 15:37

Tgt Ion: 77 Resp: 125840

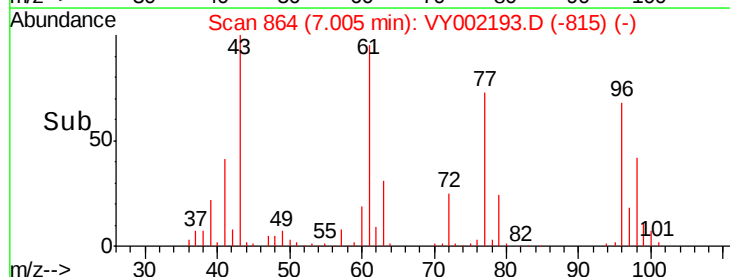
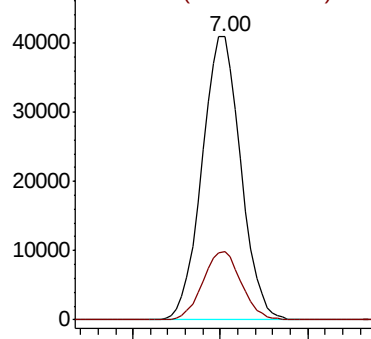
Ion Ratio Lower Upper

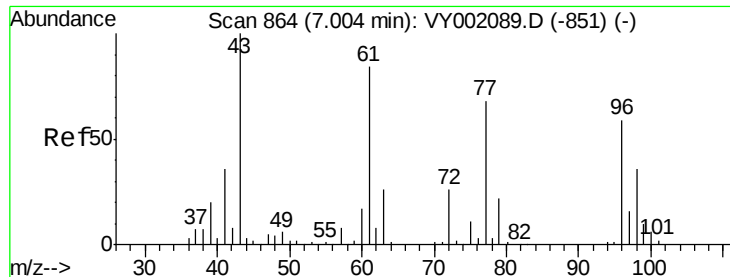
77 100

97 24.0 11.7 35.1



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

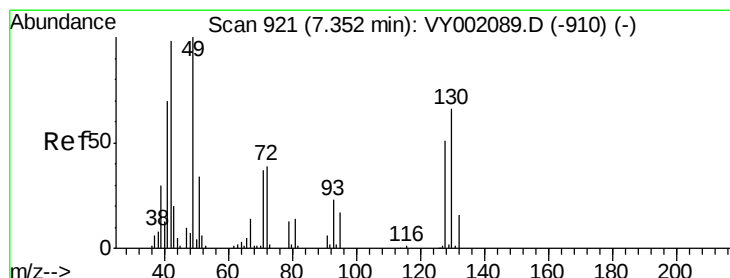
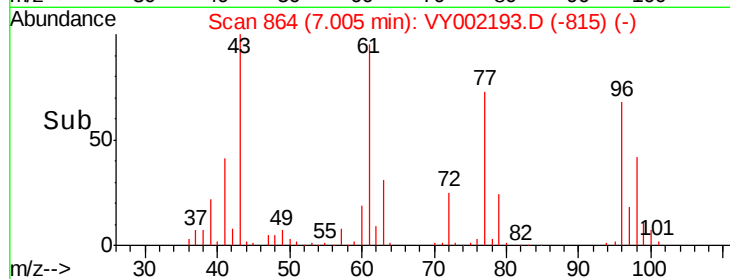
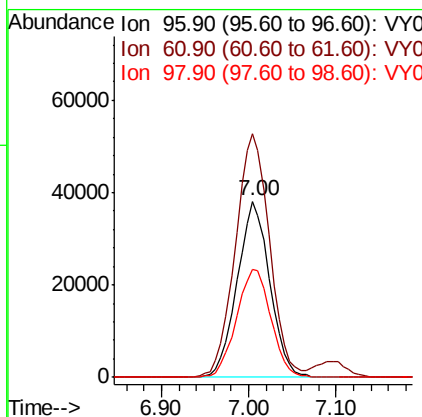
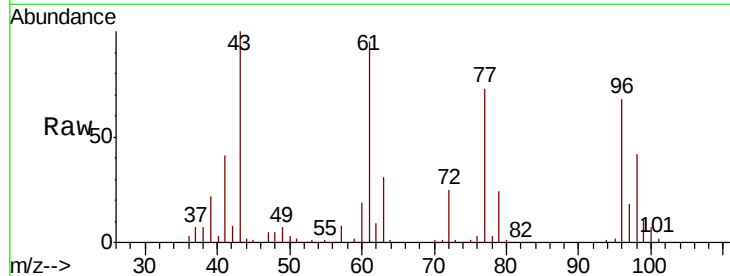




#27
 cis-1,2-Dichloroethene
 Concen: 49.574 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

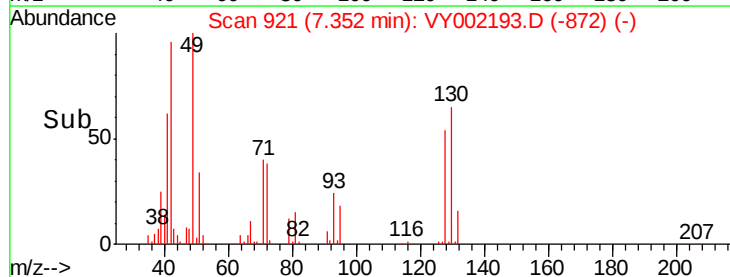
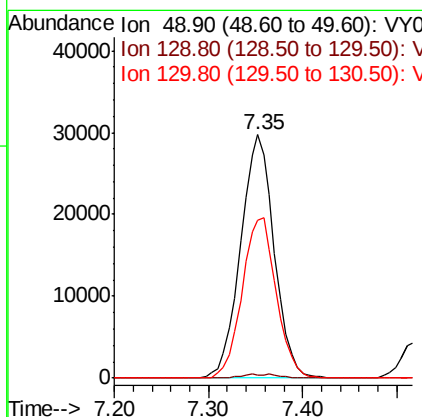
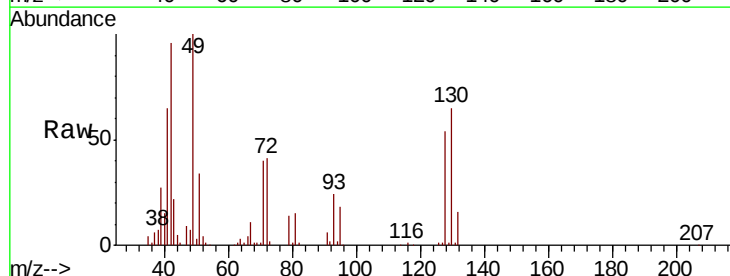
Instrument :
 MSVOA_Y
 ClientSampleId :

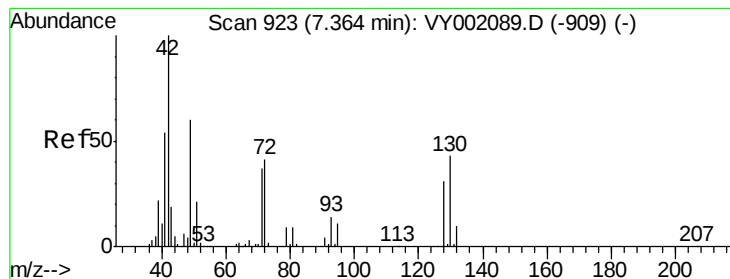
Tot Ion: 96 Resp: 98727
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 290.6
 98 64.7 0.0 128.0



#28
 Bromochloromethane
 Concen: 51.114 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion: 49 Resp: 73903
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 67.1 54.1 81.1





#29

Tetrahydrofuran

Concen: 208.754 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampled :

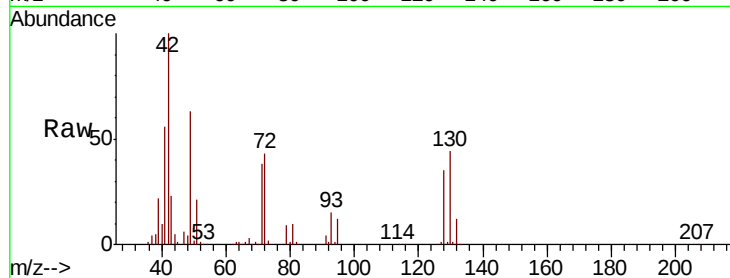
Tot Ion: 42 Resp: 95638

Ion Ratio Lower Upper

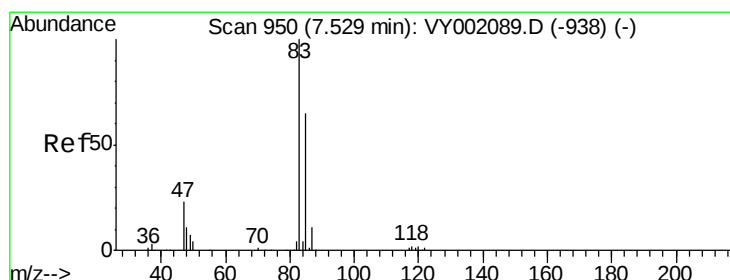
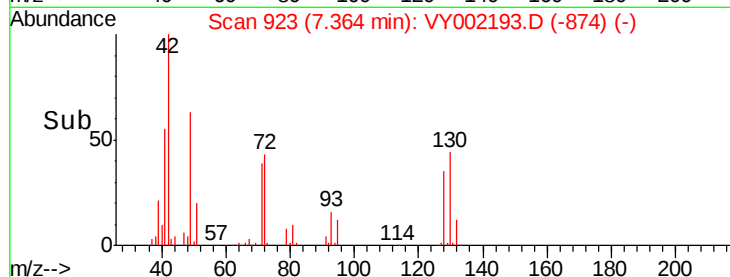
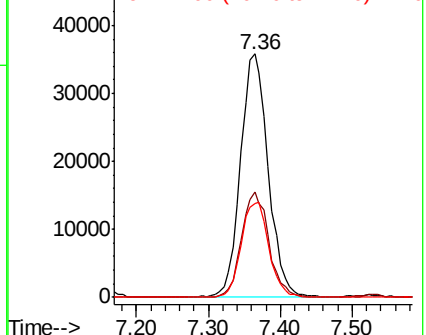
42 100

72 42.5 33.0 49.4

71 39.0 31.2 46.8



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: 49.818 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY002193.D

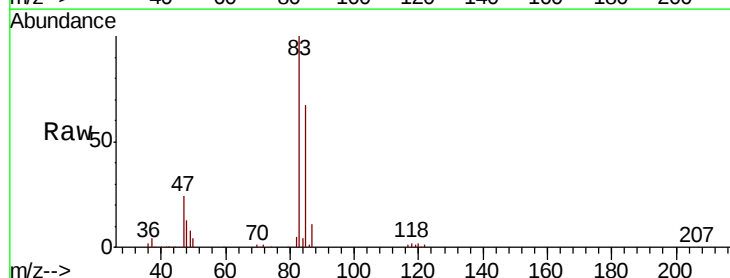
Acq: 02 Apr 2020 15:37

Tgt Ion: 83 Resp: 149546

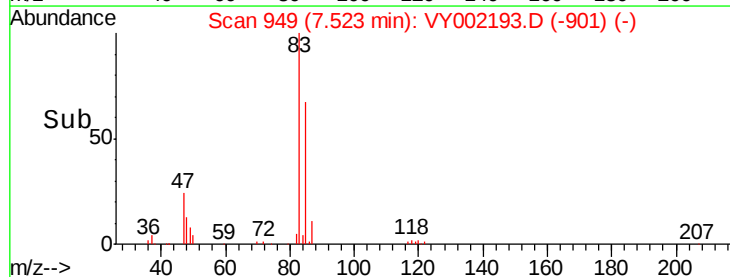
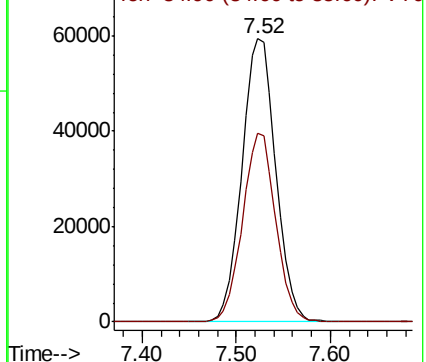
Ion Ratio Lower Upper

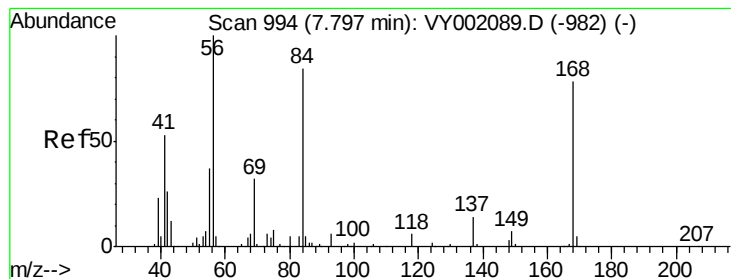
83 100

85 66.6 52.4 78.6



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





#31

Cyclohexane

Concen: 46.413 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampled :

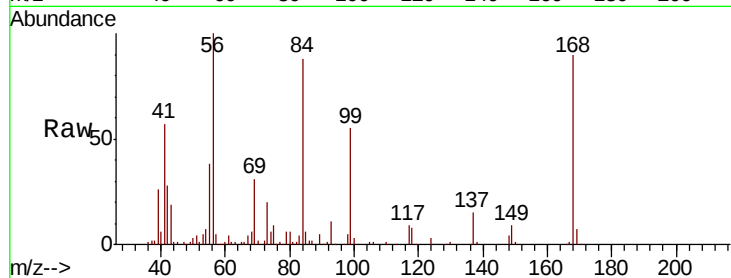
Tot Ion: 56 Resp: 156626

Ion Ratio Lower Upper

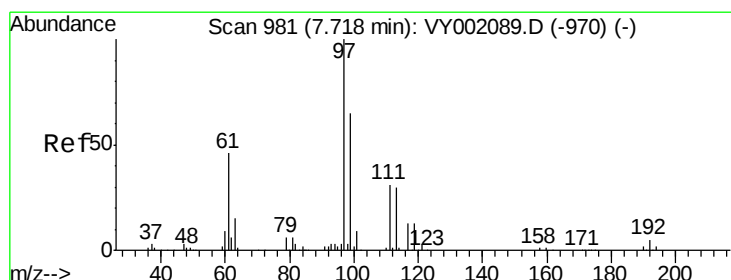
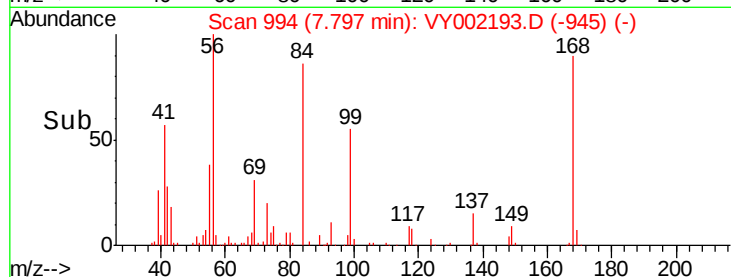
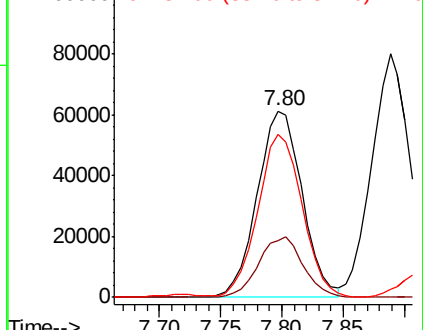
56 100

69 30.5 25.8 38.8

84 86.2 67.1 100.7



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: 50.307 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

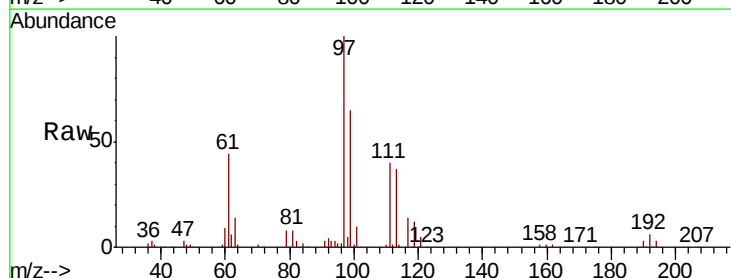
Tgt Ion: 97 Resp: 126087

Ion Ratio Lower Upper

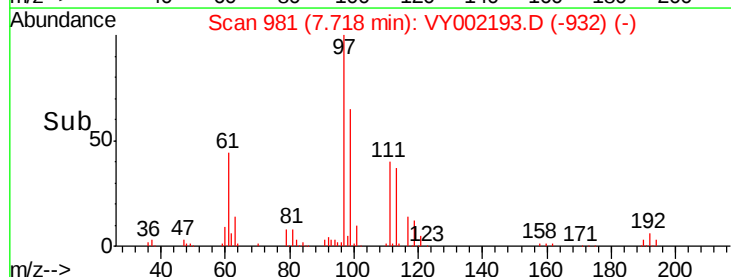
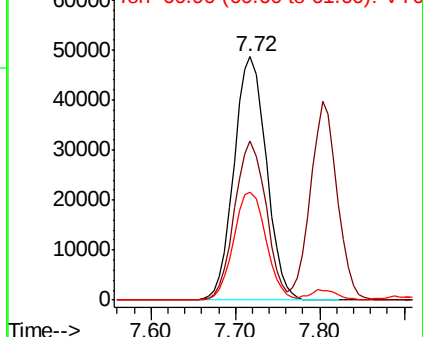
97 100

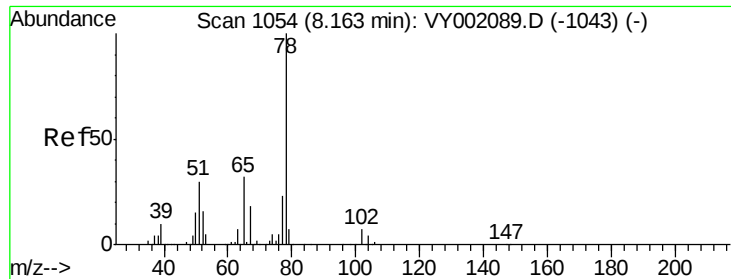
99 63.6 52.0 78.0

61 44.6 35.7 53.5



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





#33

1,2-Dichloroethane-d4

Concen: 49.978 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

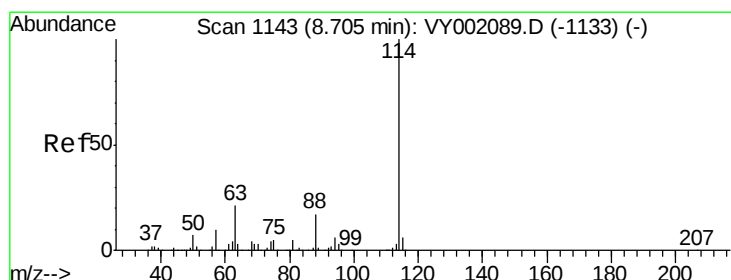
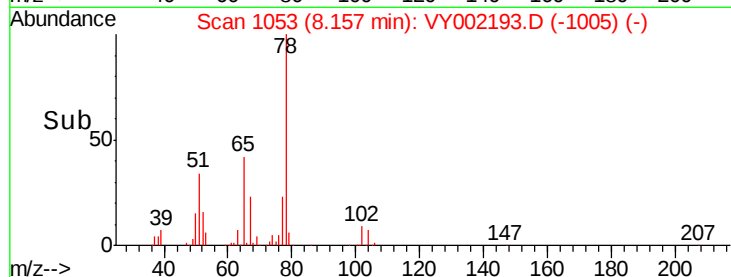
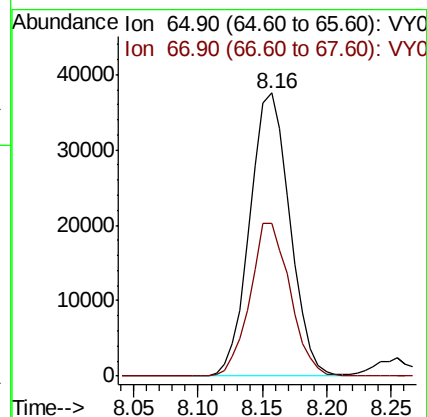
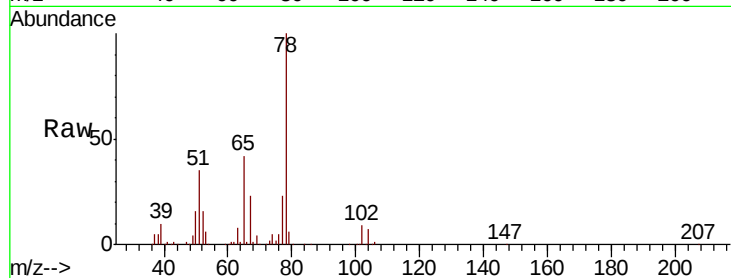
ClientSampleId :

Tot Ion: 65 Resp: 80953

Ion Ratio Lower Upper

65 100

67 53.9 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

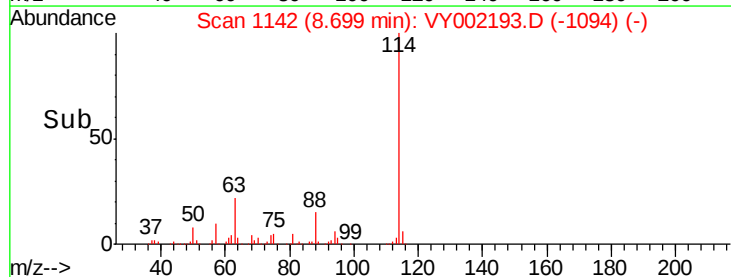
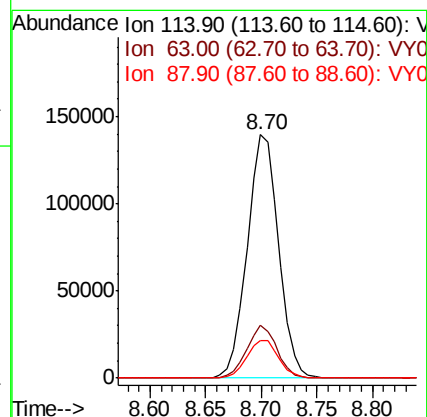
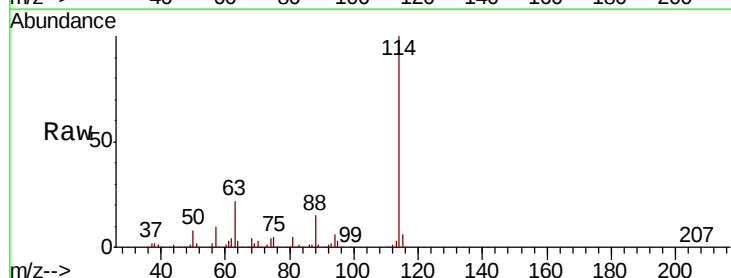
Tgt Ion: 114 Resp: 272540

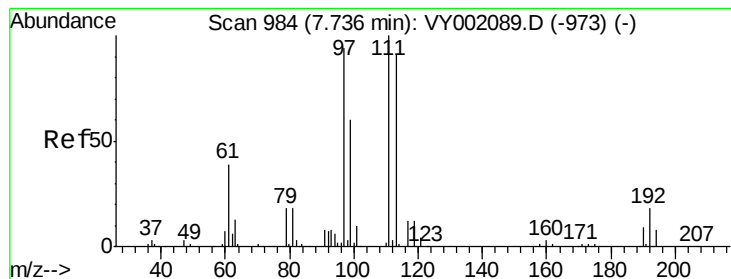
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.033 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

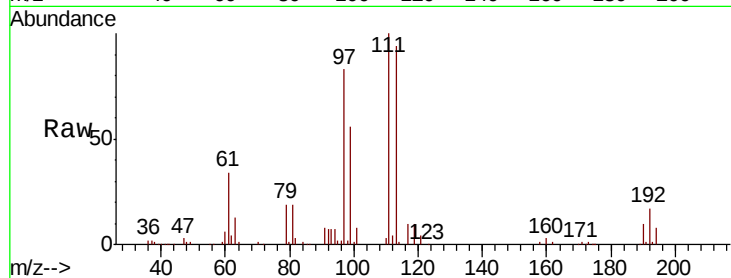
Tot Ion:113 Resp: 76405

Ion Ratio Lower Upper

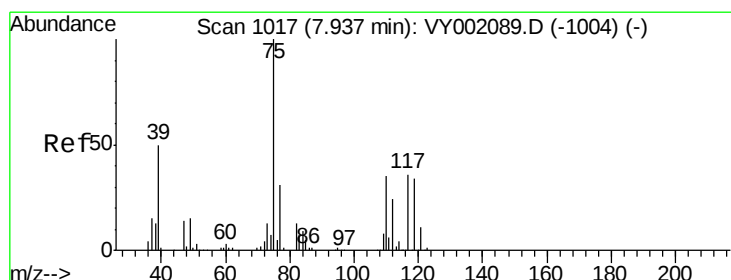
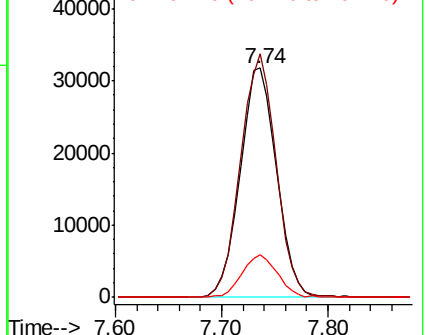
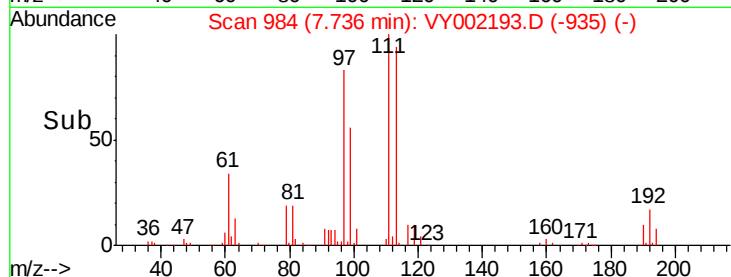
113 100

111 103.8 84.4 126.6

192 18.0 14.6 21.8



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



#36

1,1-Dichloropropene

Concen: 48.278 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

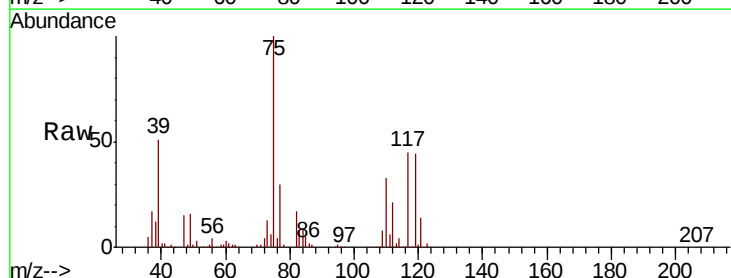
Tgt Ion: 75 Resp: 124452

Ion Ratio Lower Upper

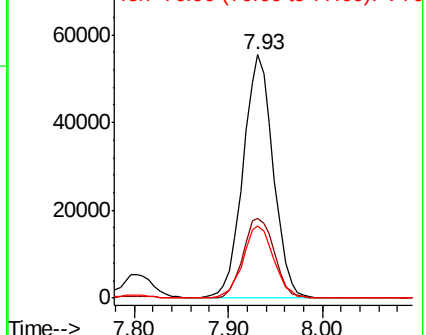
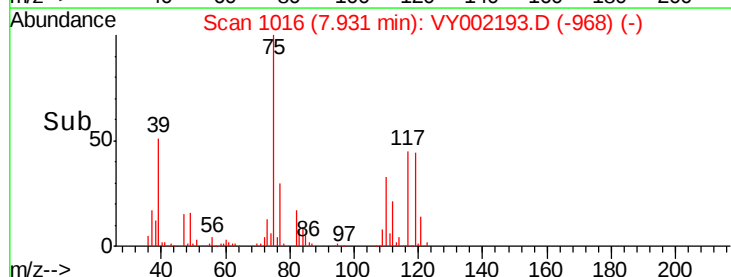
75 100

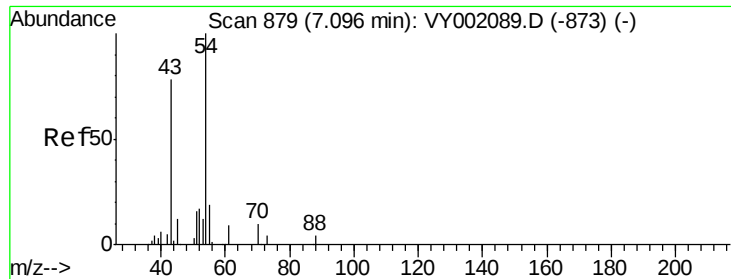
110 34.1 17.2 51.6

77 30.5 24.7 37.1



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

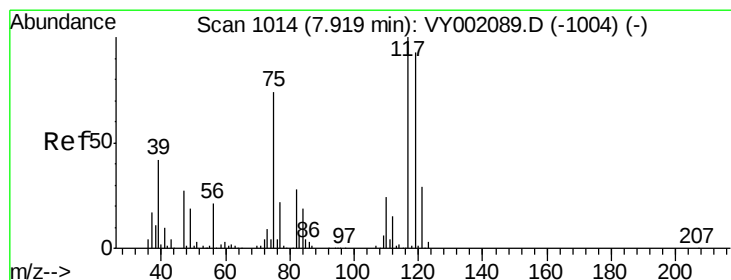
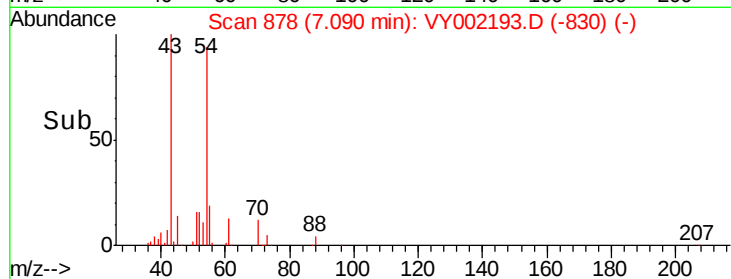
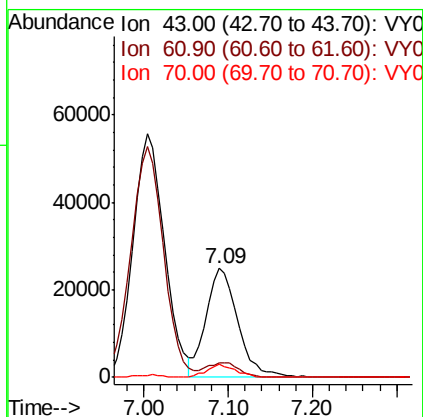
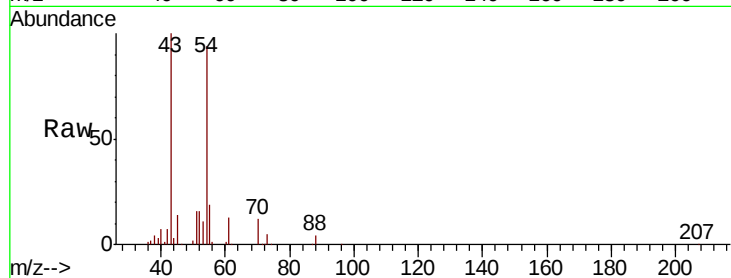




#37
Ethyl Acetate
Concen: 41.944 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

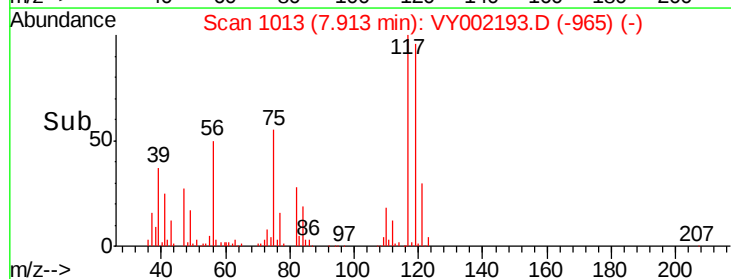
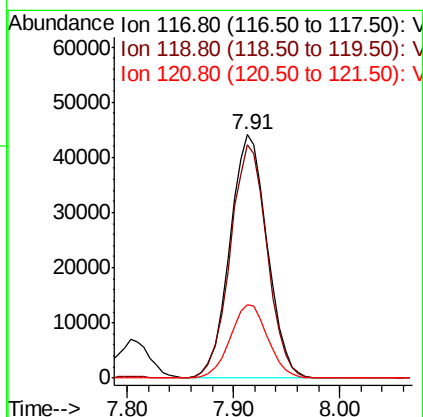
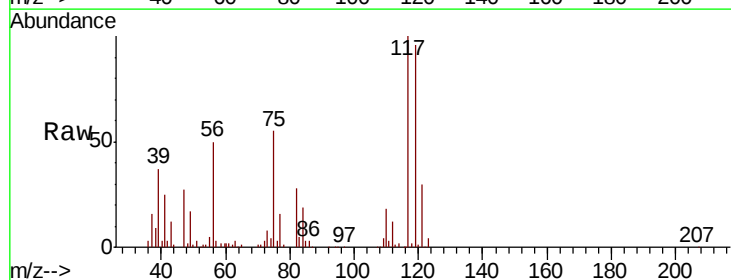
Instrument :
MSVOA_Y
ClientSampled :

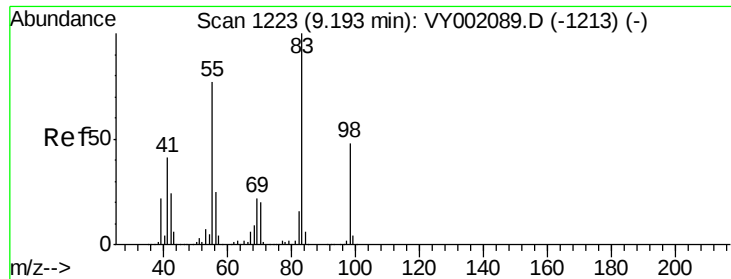
Tot Ion: 43 Resp: 65341
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.658 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 117 Resp: 108606
Ion Ratio Lower Upper
117 100
119 95.8 74.3 111.5
121 30.4 23.3 34.9

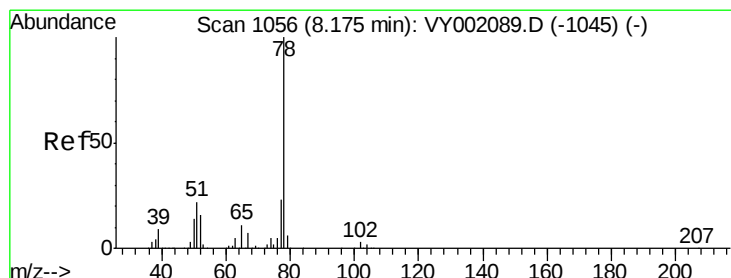
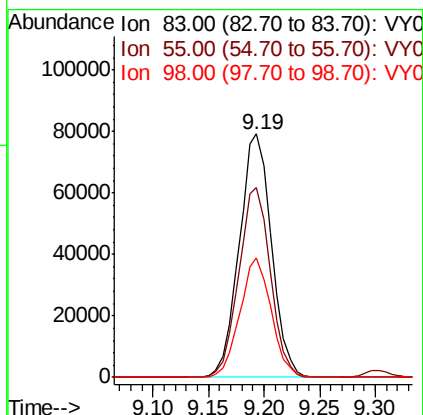
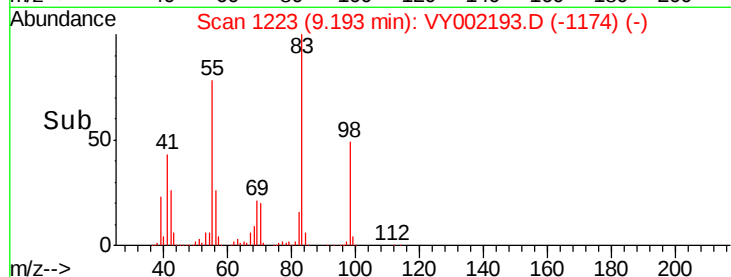
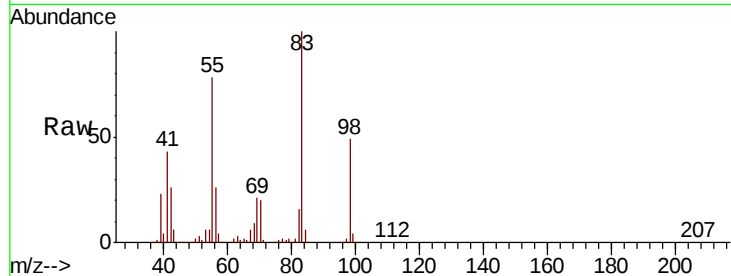




#39
Methvlcvclohexane
Concen: 46.980 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

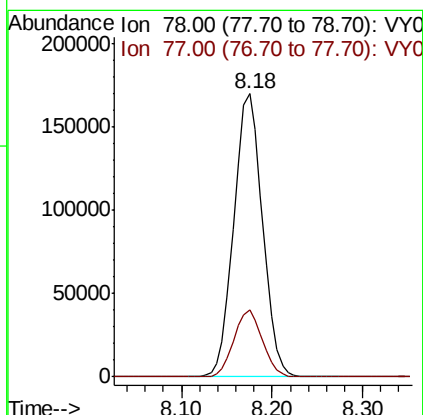
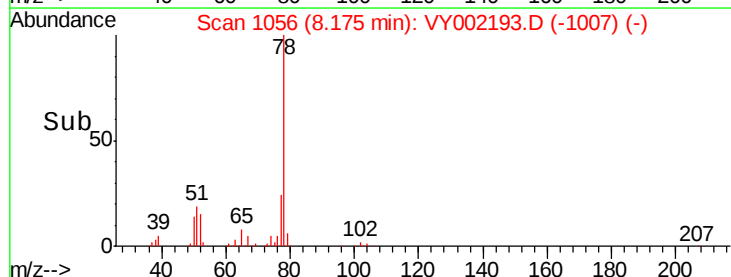
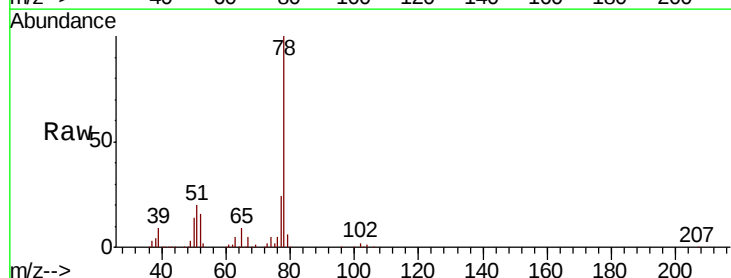
Instrument :
MSVOA_Y
ClientSampled :

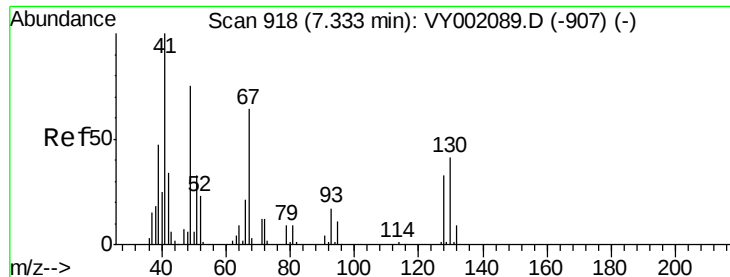
Tot Ion: 83 Resp: 158855
Ion Ratio Lower Upper
83 100
55 78.2 61.2 91.8
98 48.8 38.2 57.2



#40
Benzene
Concen: 48.937 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 78 Resp: 373680
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4

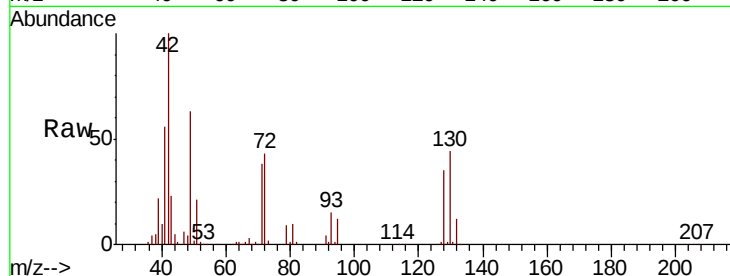




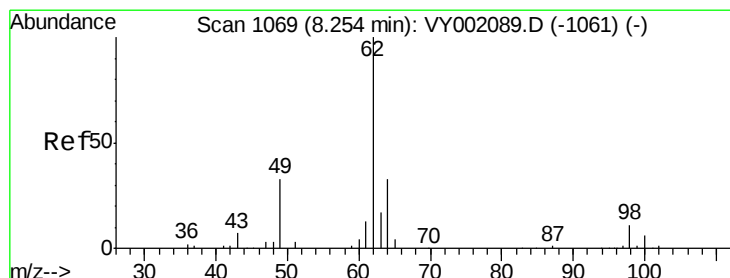
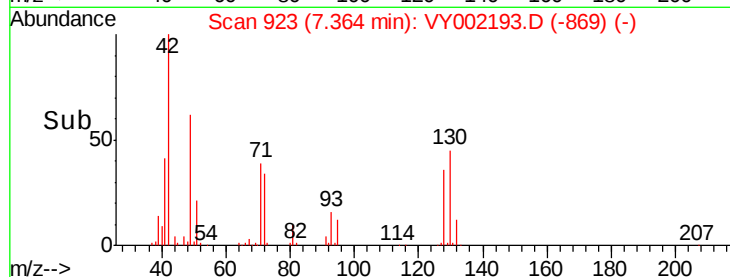
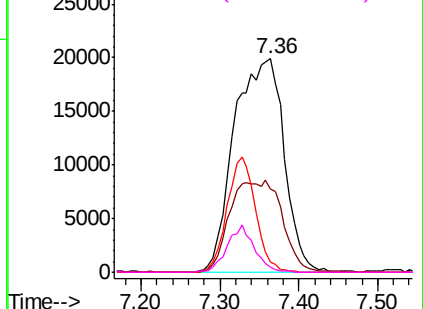
#41
Methacrylonitrile
Concen: 110.569 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 87126
Ion Ratio Lower Upper
41 100
39 45.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

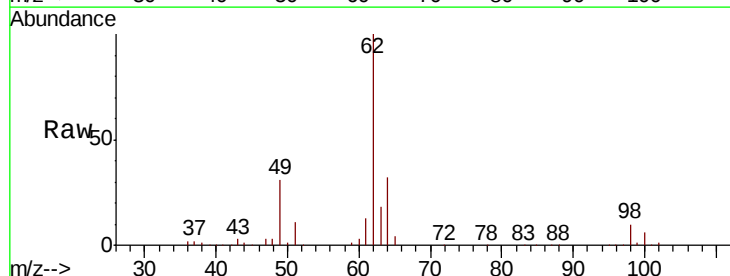


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

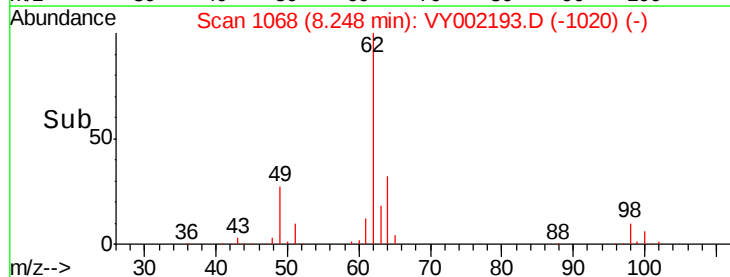
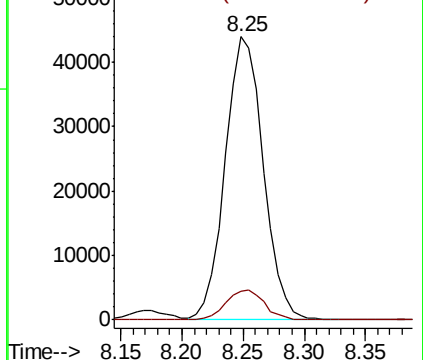


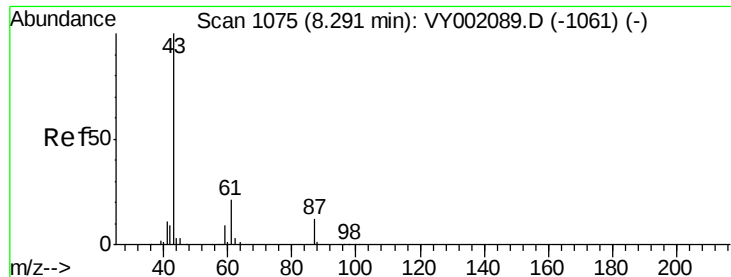
#42
1,2-Dichloroethane
Concen: 46.773 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 62 Resp: 94822
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2



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





#43

Isopropyl Acetate

Concen: 43.425 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

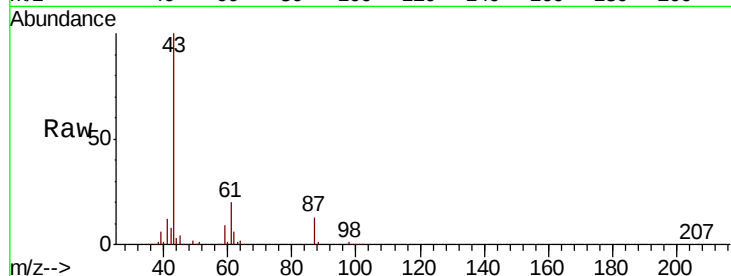
Tot Ion: 43 Resp: 125557

Ion Ratio Lower Upper

43 100

61 30.6 23.4 35.2

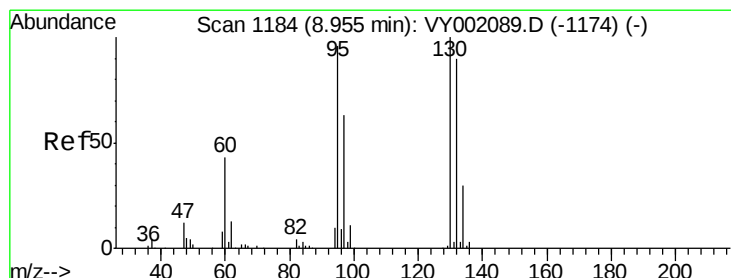
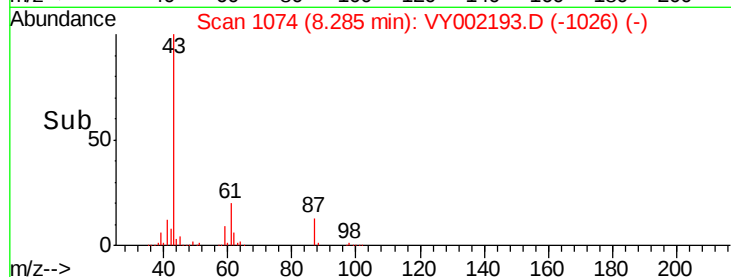
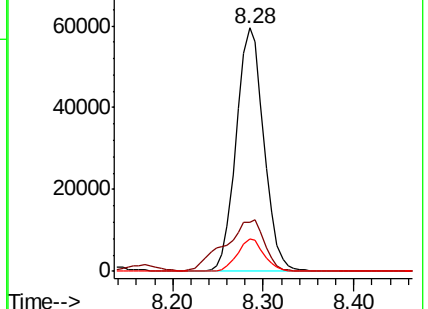
87 12.9 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002193.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002193.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002193.D (-1061) (-)



#44

Trichloroethene

Concen: 48.039 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002193.D

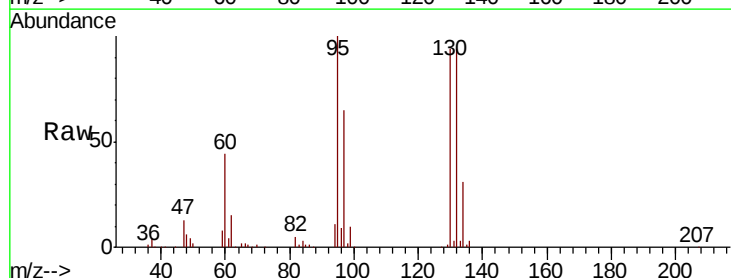
Acq: 02 Apr 2020 15:37

Tgt Ion:130 Resp: 88423

Ion Ratio Lower Upper

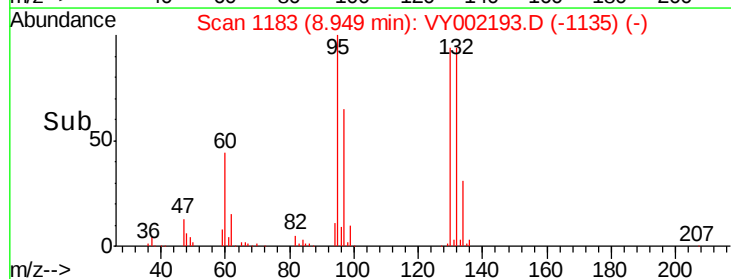
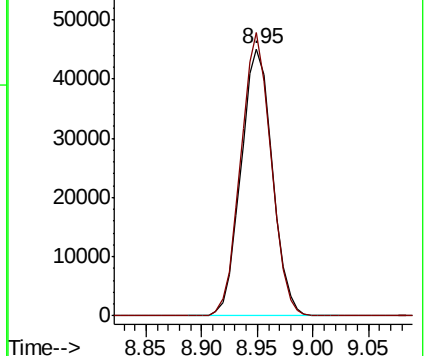
130 100

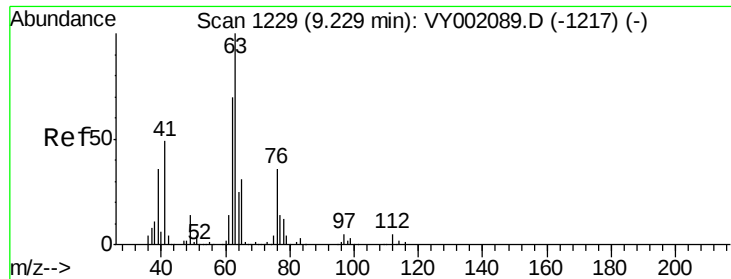
95 106.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002193.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002193.D (-1135) (-)

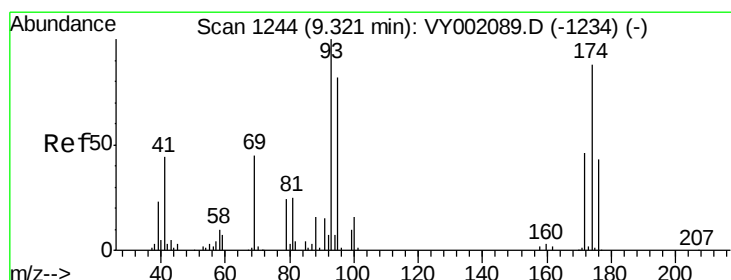
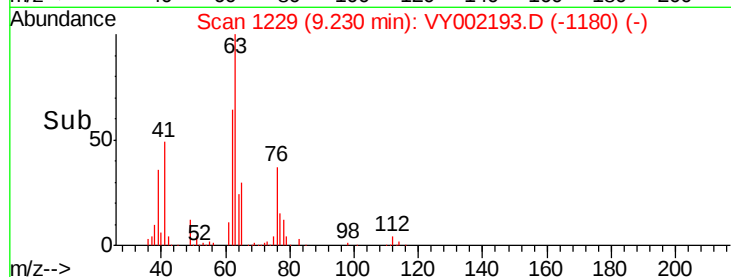
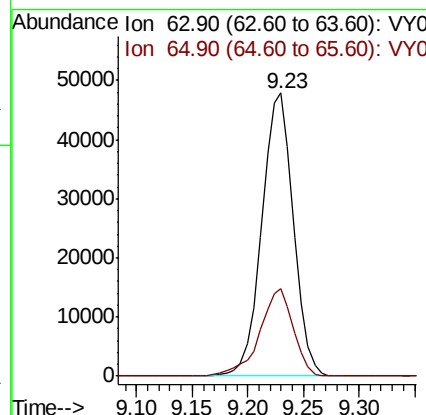
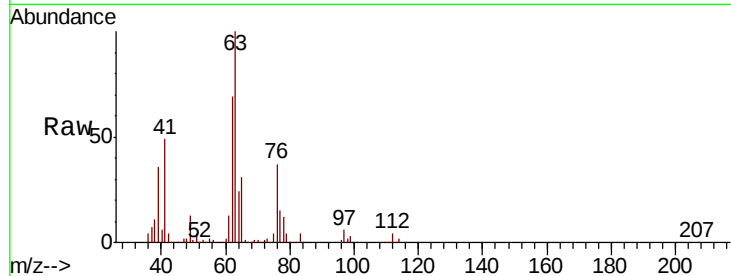




#45
 1,2-Dichloropropane
 Concen: 48.583 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

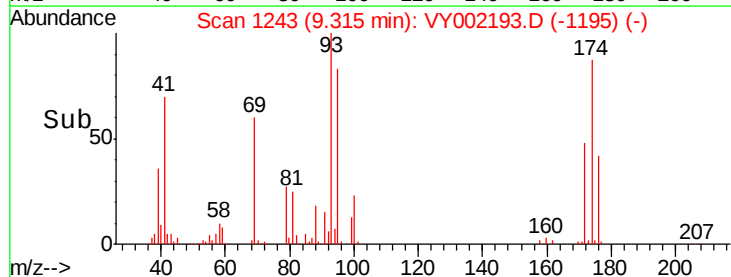
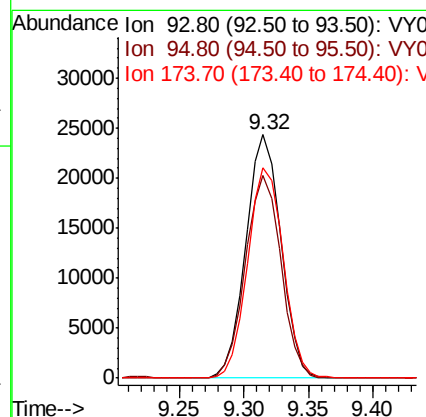
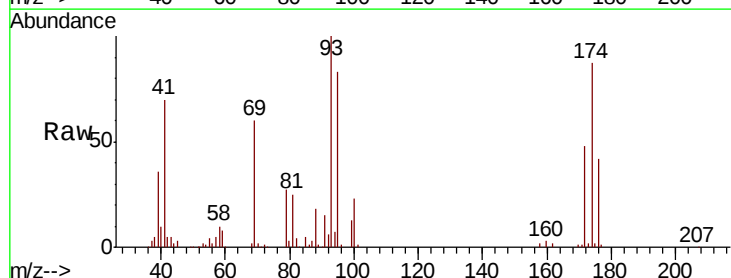
Instrument :
 MSVOA_Y
 ClientSampled :

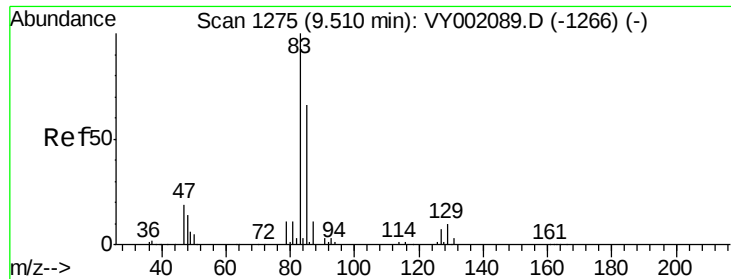
Tot Ion: 63 Resp: 94458
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6



#46
 Dibromomethane
 Concen: 45.904 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion: 93 Resp: 45835
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.0 99.0
 174 87.9 69.8 104.8



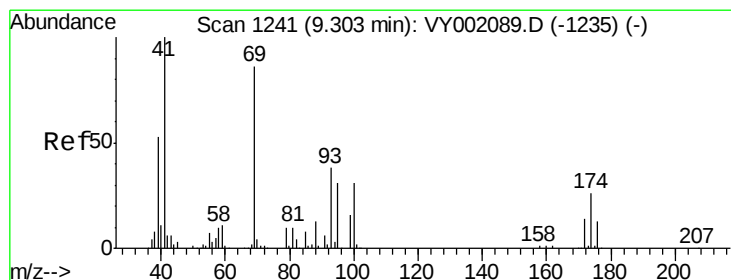
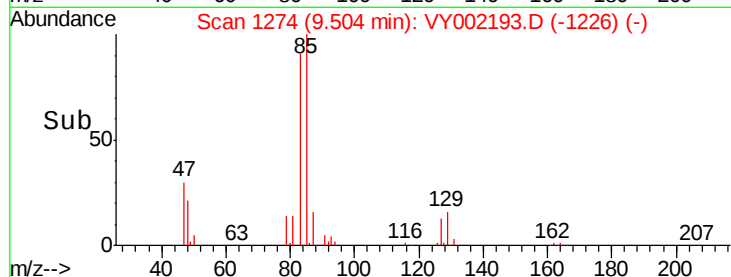
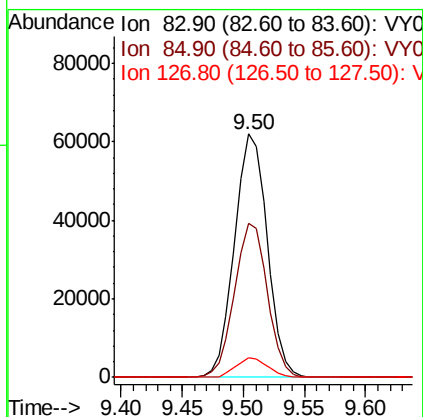
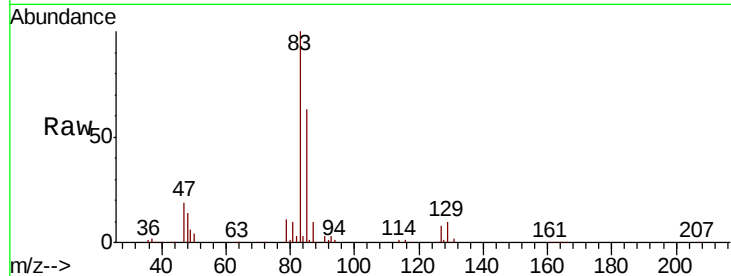


#47
 Bromodichloromethane
 Concen: 49.434 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 83 Resp: 114906

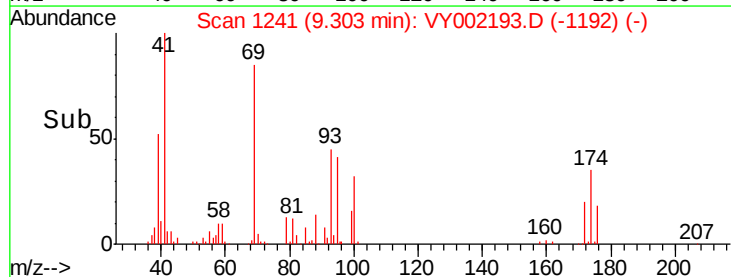
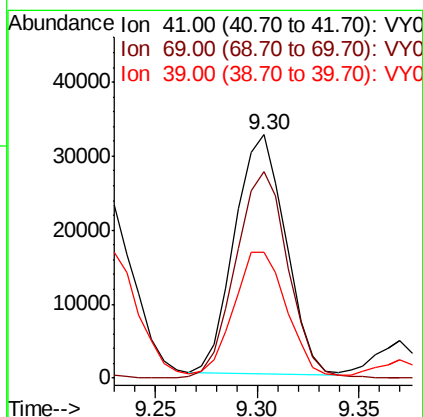
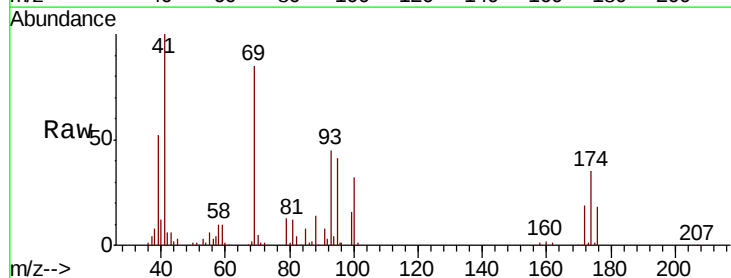
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.6	79.0
127	7.9	5.9	8.9

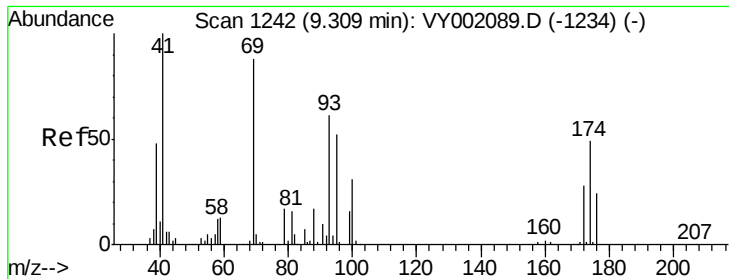


#48
 Methyl methacrylate
 Concen: 43.488 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion: 41 Resp: 56347

Ion	Ratio	Lower	Upper
41	100		
69	88.5	71.4	107.0
39	55.4	41.0	61.4





#49

1,4-Dioxane

Concen: 876.308 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

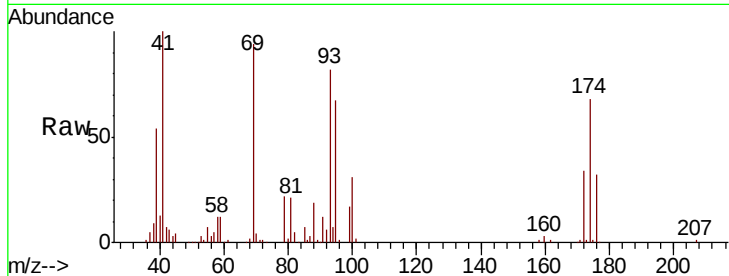
Tot Ion: 88 Resp: 12007

Ion Ratio Lower Upper

88 100

43 30.0 27.2 40.8

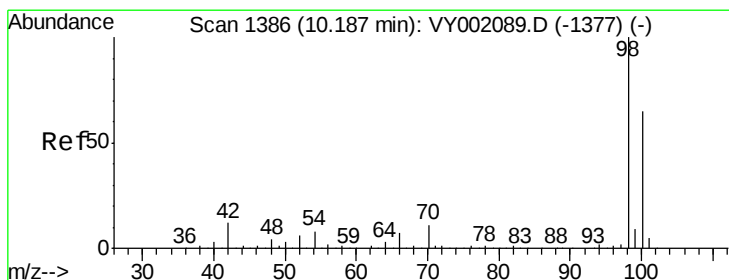
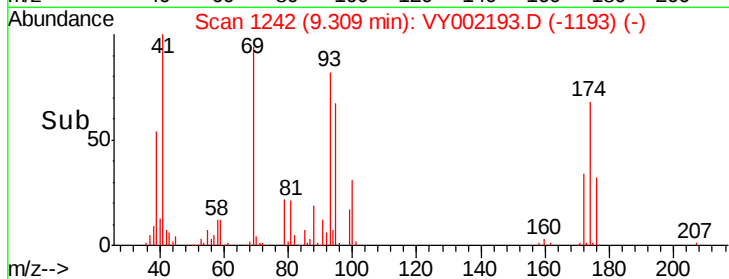
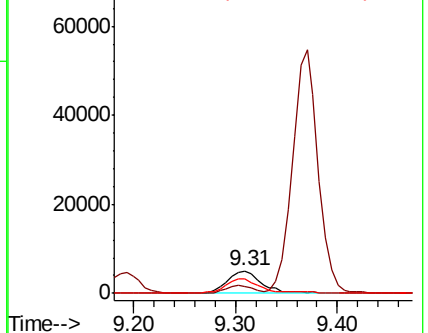
58 63.4 59.8 89.8



Abundance Ion 88.00 (87.70 to 88.70): VY002193.D (-1193) (-)

Ion 43.00 (42.70 to 43.70): VY002193.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY002193.D (-1193) (-)



#50

Toluene-d8

Concen: 49.961 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002193.D

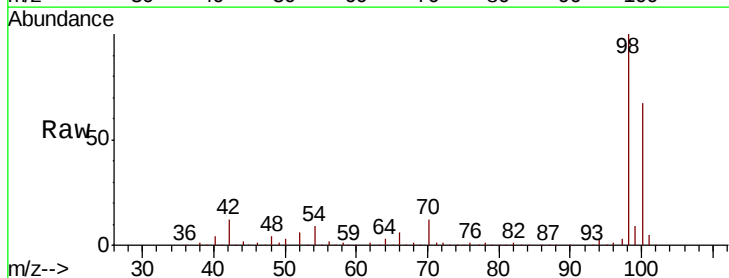
Acq: 02 Apr 2020 15:37

Tgt Ion: 98 Resp: 316949

Ion Ratio Lower Upper

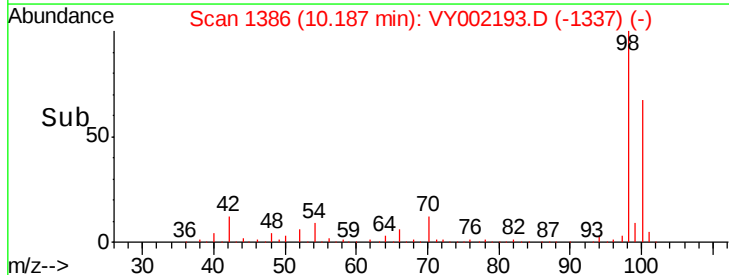
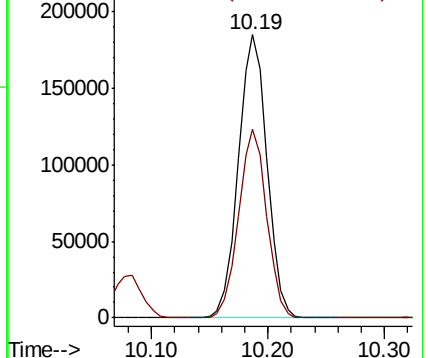
98 100

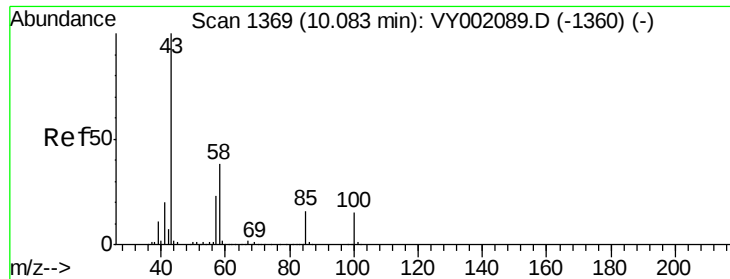
100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002193.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY002193.D (-1337) (-)





#51

4-Methyl-2-Pentanone

Concen: 216.809 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

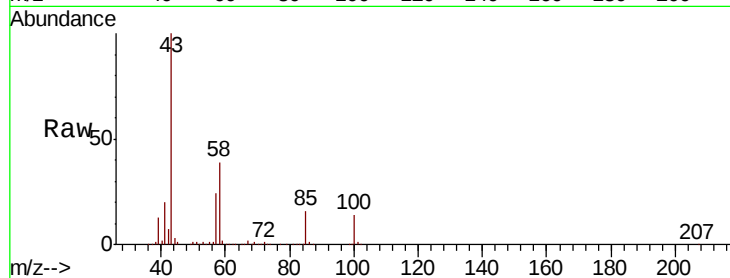
ClientSampleId :

Tot Ion: 43 Resp: 322788

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)

10.08

200000

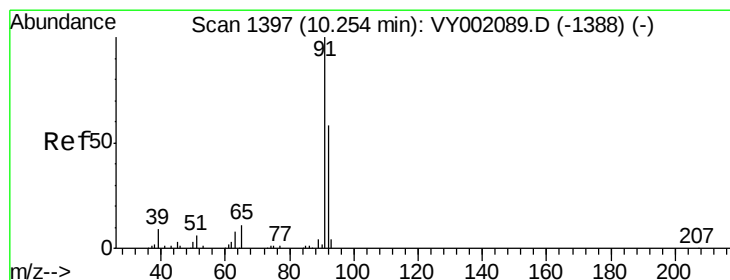
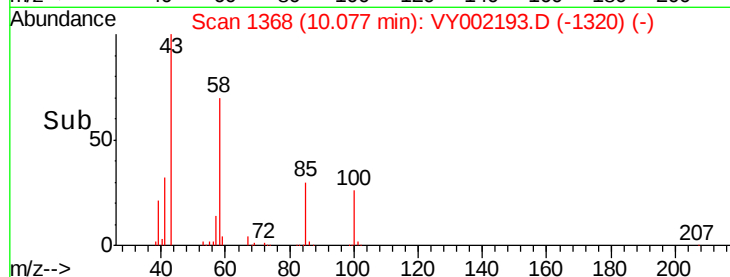
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.029 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002193.D

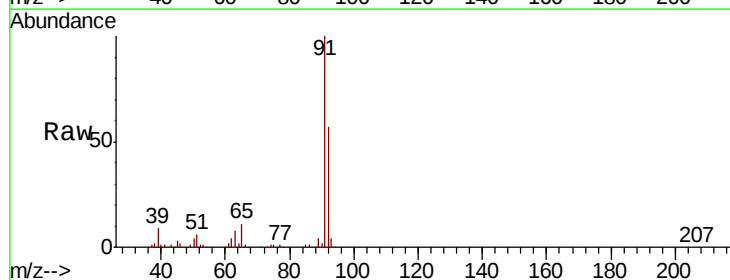
Acq: 02 Apr 2020 15:37

Tgt Ion: 92 Resp: 226436

Ion Ratio Lower Upper

92 100

91 174.6 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002089.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY002089.D (-1388) (-)

10.25

250000

200000

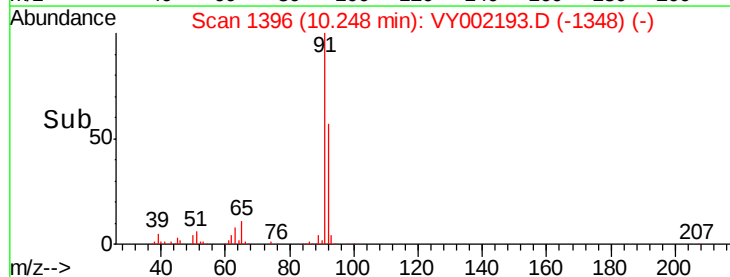
150000

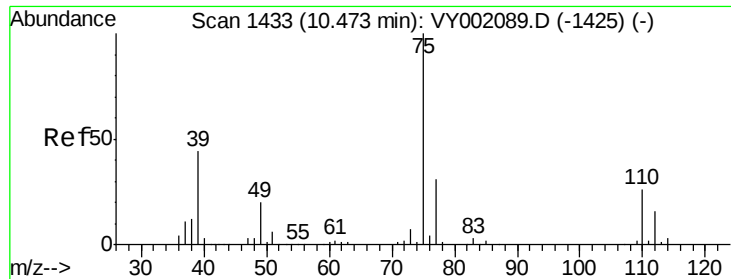
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.646 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

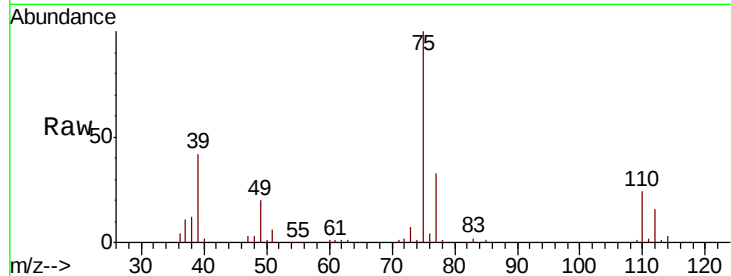
ClientSampleId :

Tot Ion: 75 Resp: 122925

Ion Ratio Lower Upper

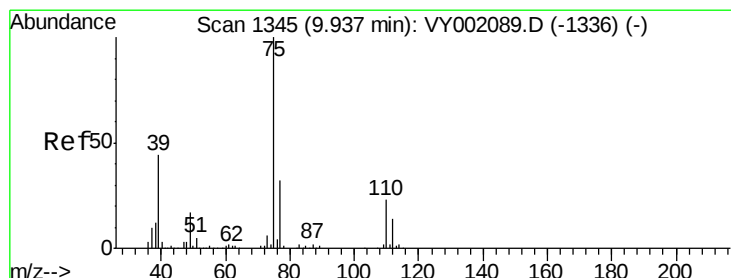
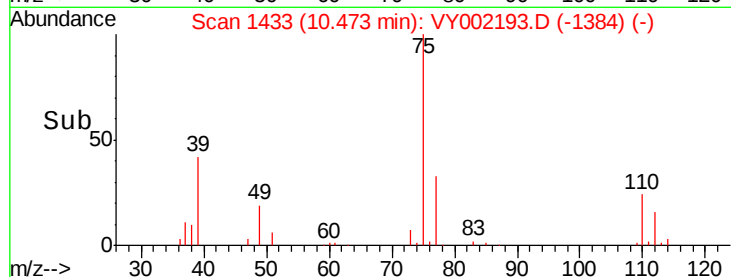
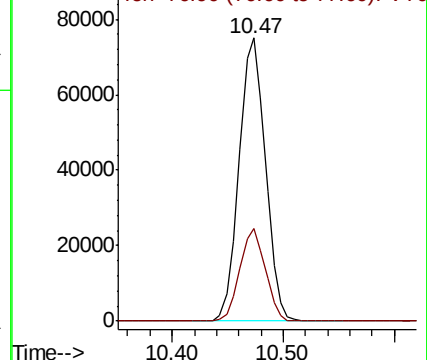
75 100

77 32.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 48.445 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

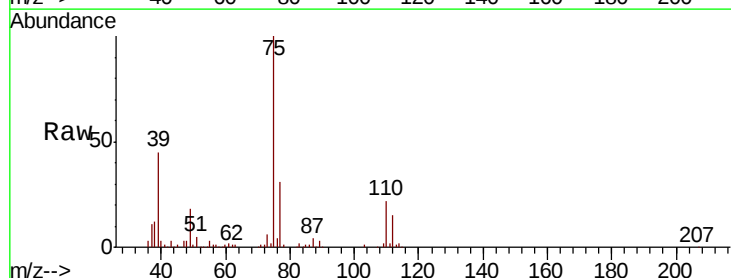
Tgt Ion: 75 Resp: 147155

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

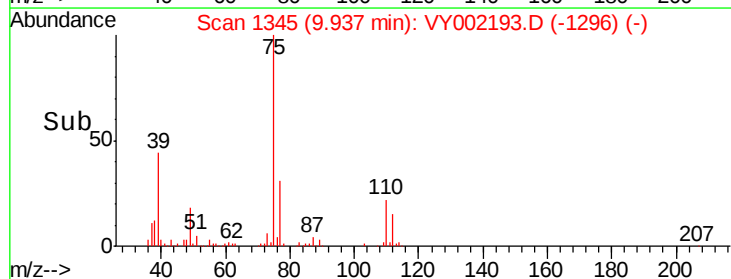
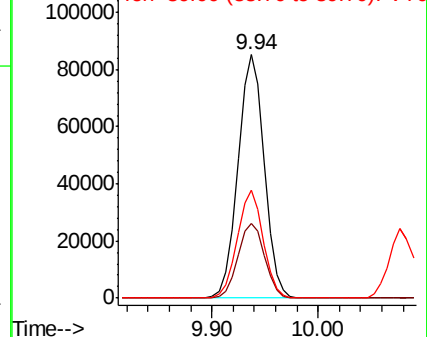
39 44.5 35.2 52.8

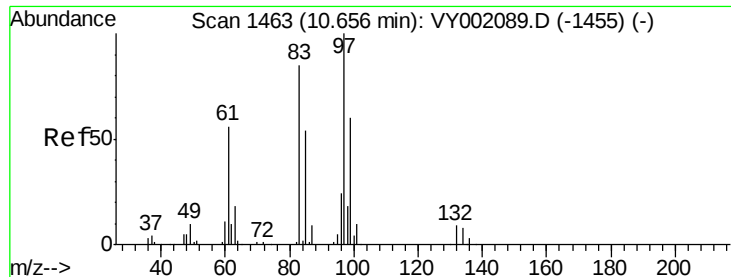


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

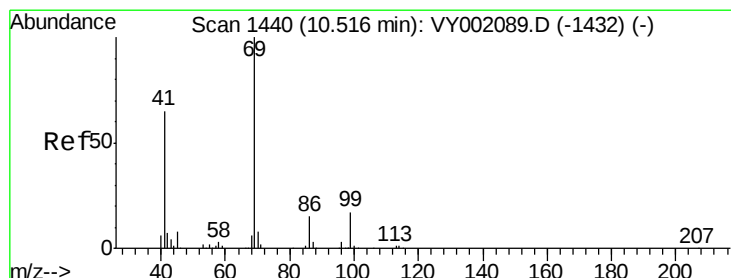
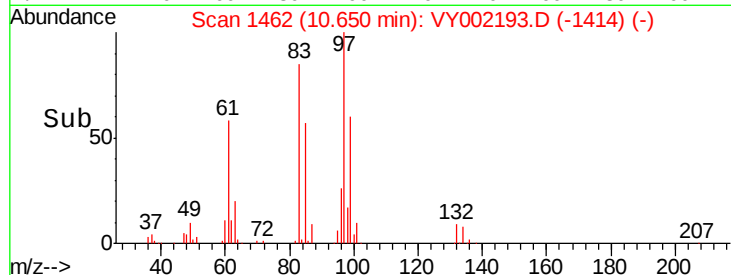
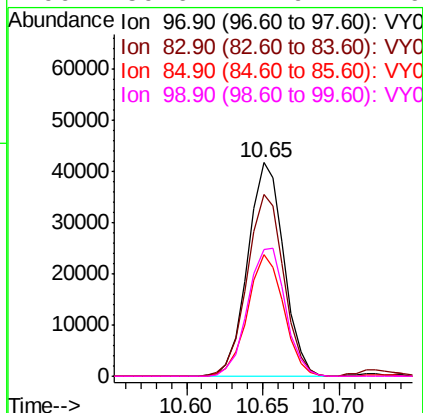
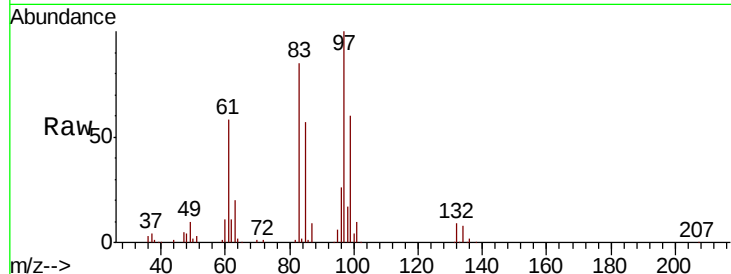




#55
 1,1,2-Trichloroethane
 Concen: 46.310 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

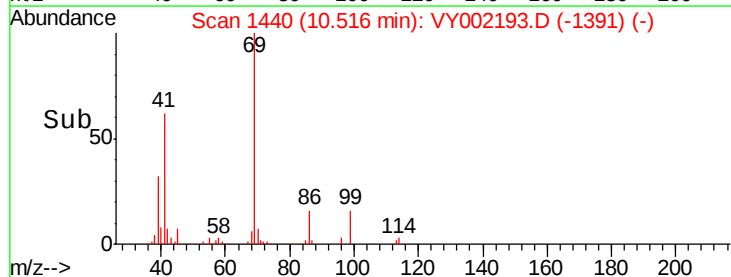
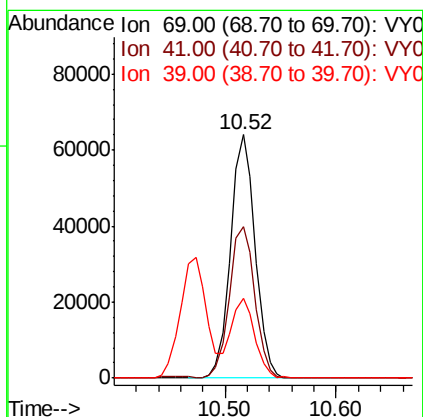
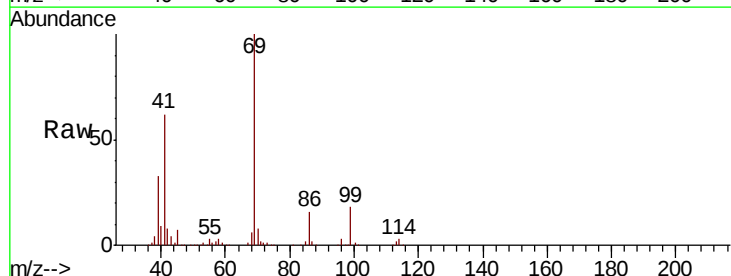
Instrument :
 MSVOA_Y
 ClientSampled :

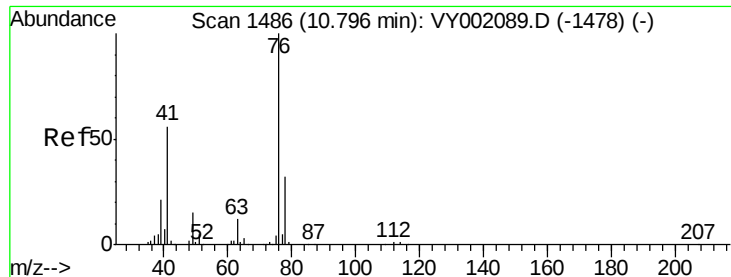
Tot Ion:	97	Resp:	68438
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.2
85	56.8	42.9	64.3
99	59.6	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 45.347 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion:	69	Resp:	97881
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.8	79.2
39	30.9	25.0	37.6





#57

1,3-Dichloropropane

Concen: 46.915 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

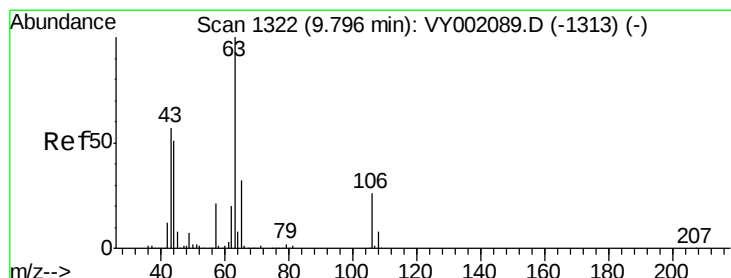
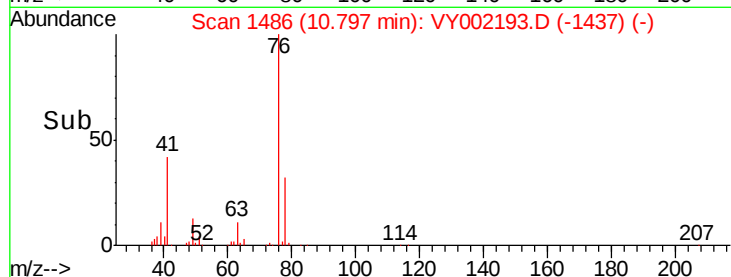
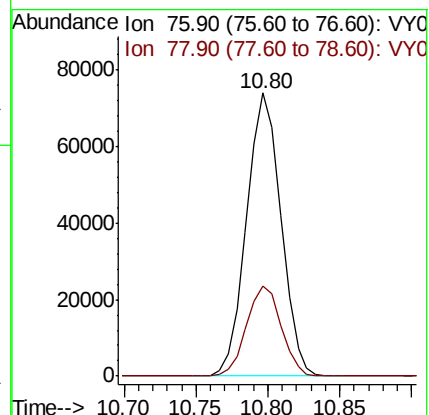
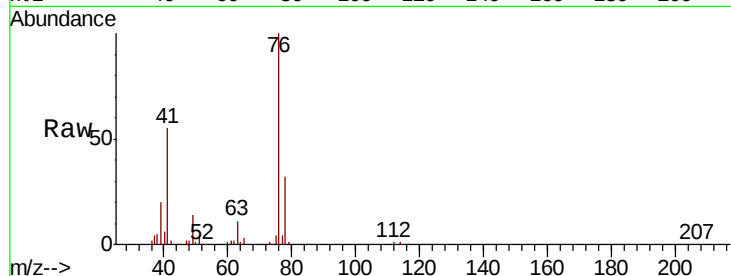
ClientSampled :

Tot Ion: 76 Resp: 122496

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 253.442 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002193.D

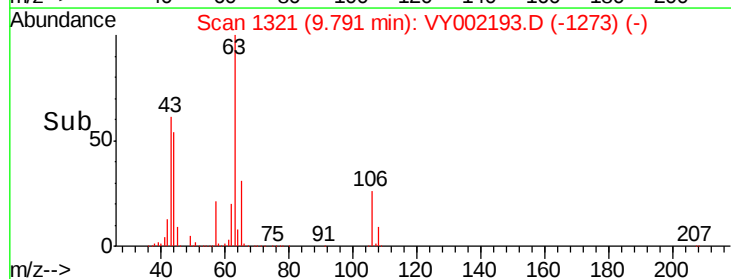
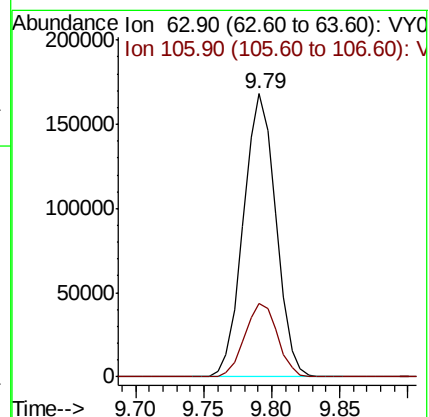
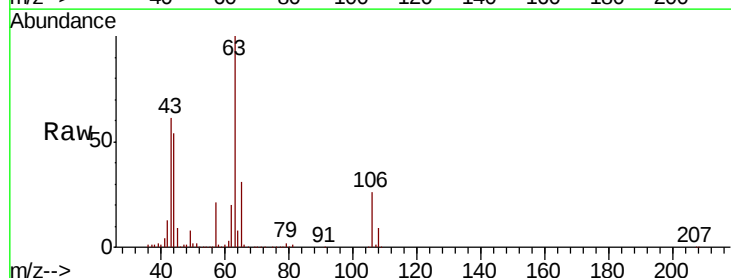
Acq: 02 Apr 2020 15:37

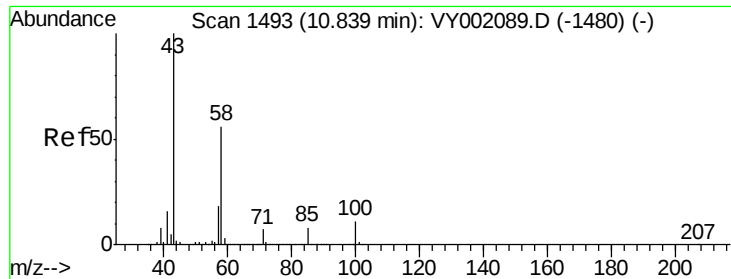
Tgt Ion: 63 Resp: 281094

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.4

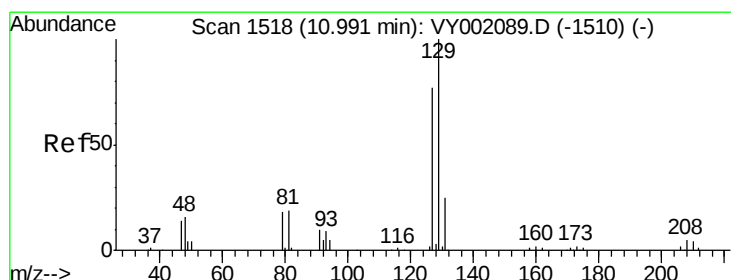
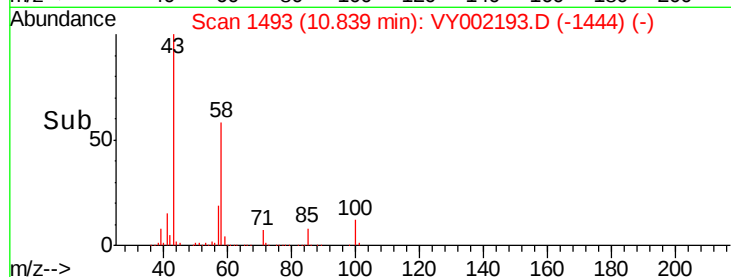
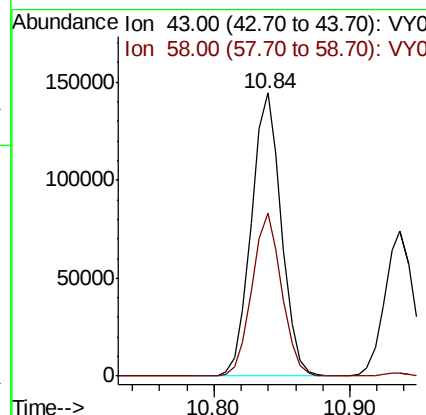
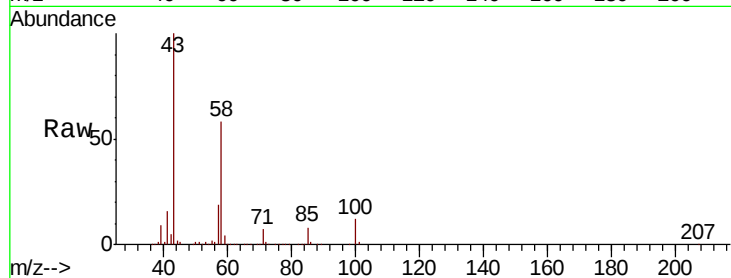




#59
2-Hexanone
Concen: 213.215 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

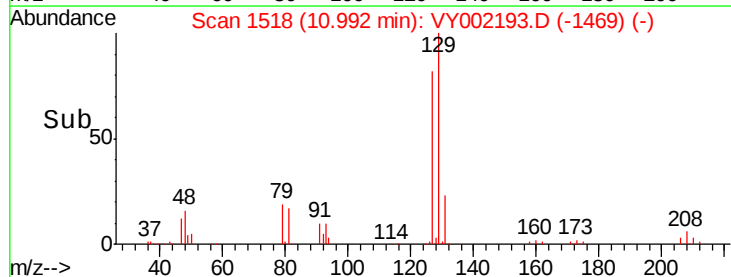
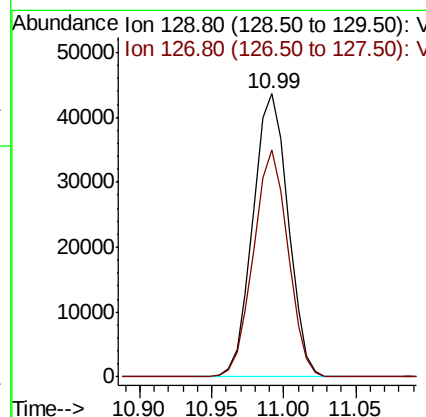
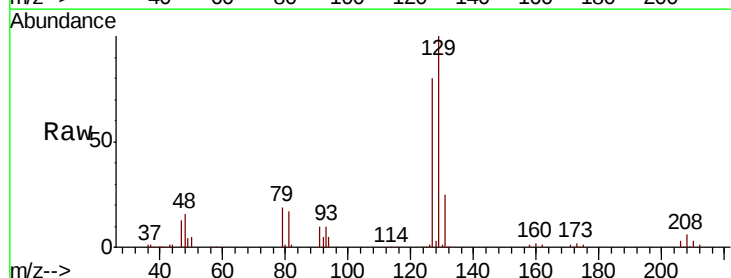
Instrument :
MSVOA_Y
ClientSampleId :

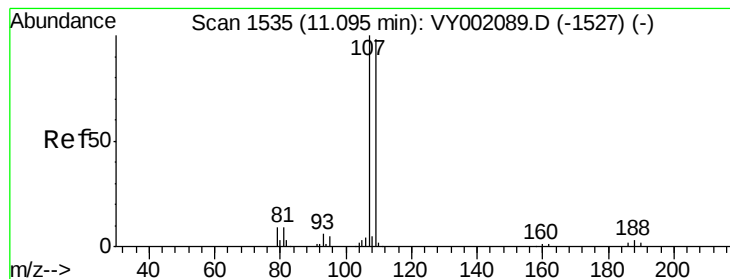
Tot Ion: 43 Resp: 223608
Ion Ratio Lower Upper
43 100
58 56.9 27.9 83.6



#60
Dibromochloromethane
Concen: 47.639 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 129 Resp: 73670
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 46.485 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

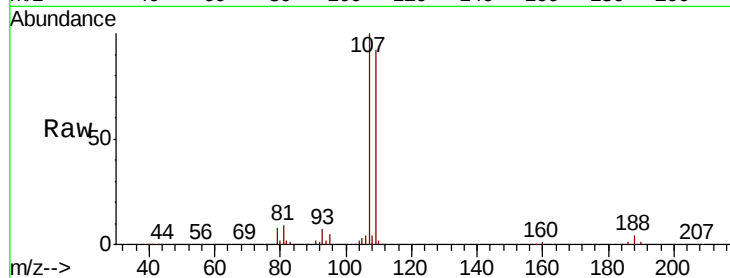
ClientSampleId :

Tot Ion:107 Resp: 64299

Ion Ratio Lower Upper

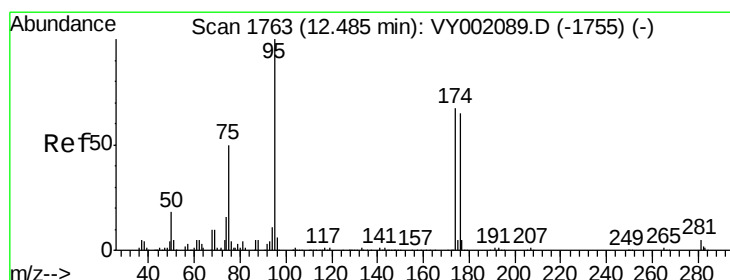
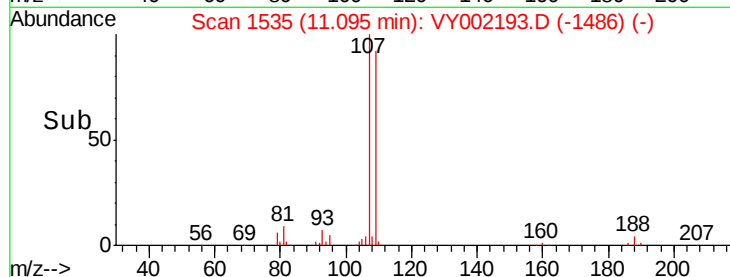
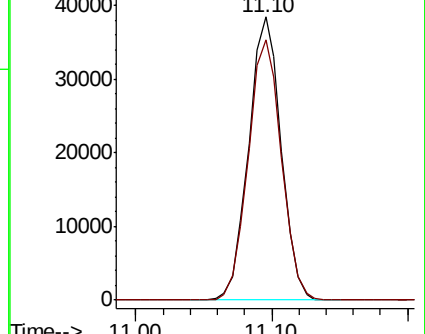
107 100

109 94.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.812 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

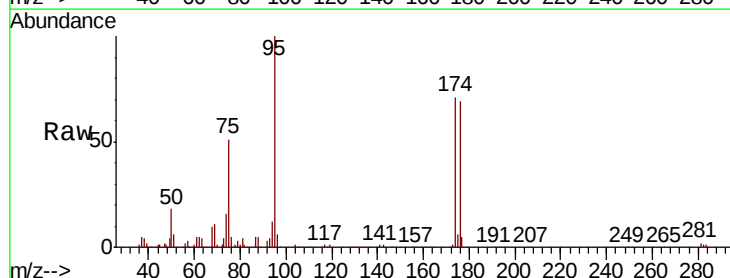
Tgt Ion: 95 Resp: 110517

Ion Ratio Lower Upper

95 100

174 71.1 0.0 143.4

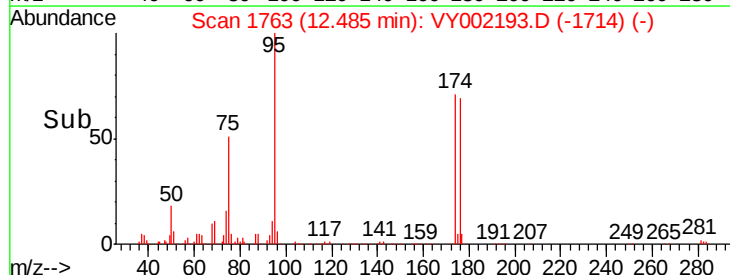
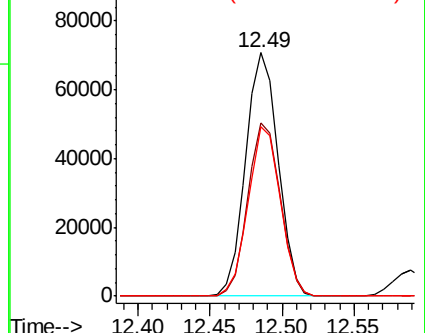
176 69.1 0.0 137.0

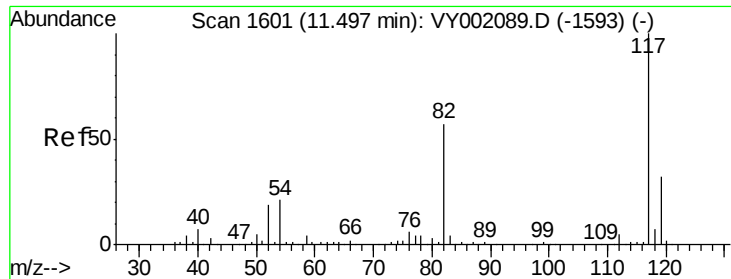


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

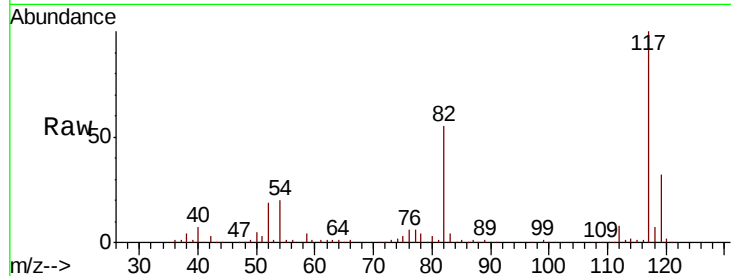




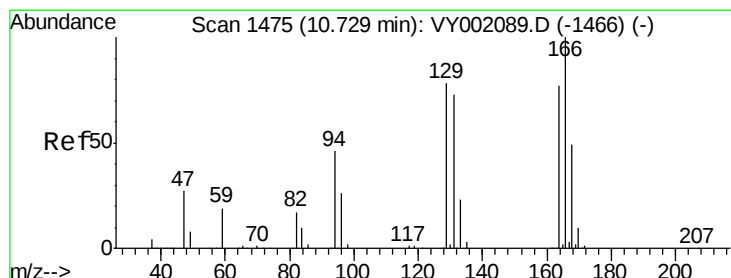
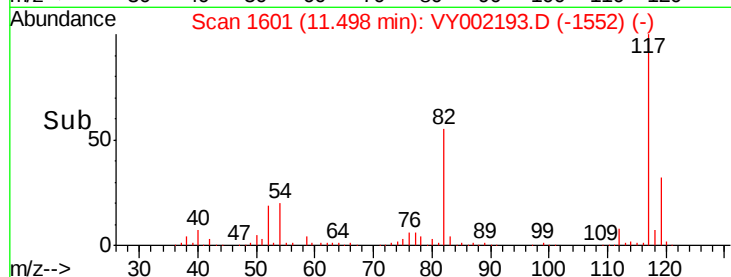
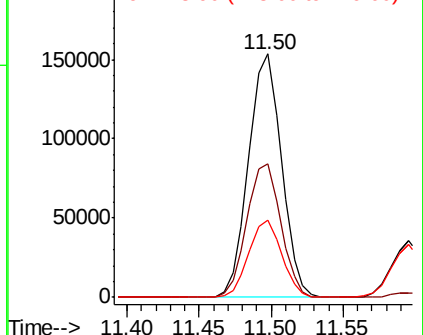
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 243500
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.8 25.3 37.9

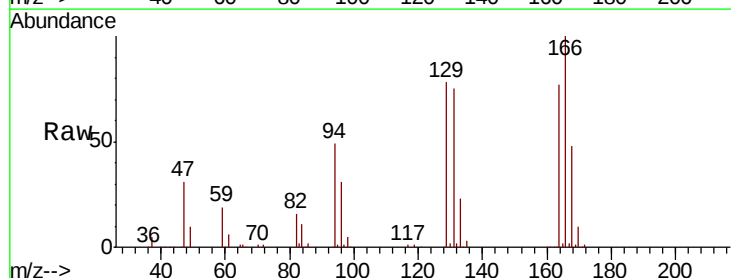


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

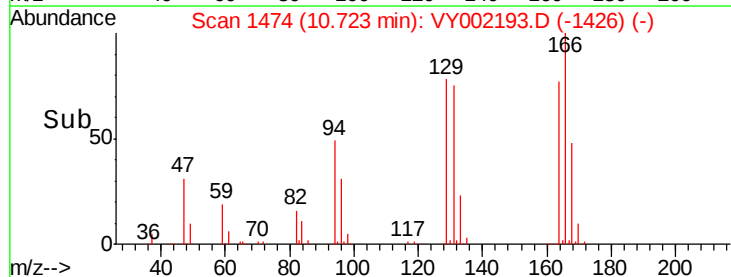
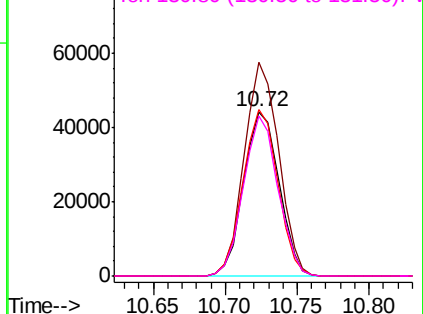


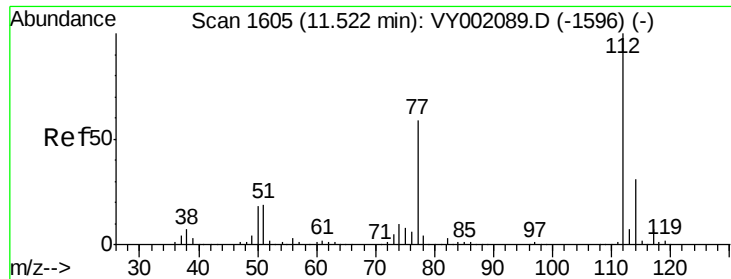
#64
Tetrachloroethene
Concen: 50.391 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion:164 Resp: 75072
Ion Ratio Lower Upper
164 100
166 130.1 104.0 156.0
129 101.4 81.2 121.8
131 97.7 75.8 113.6



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

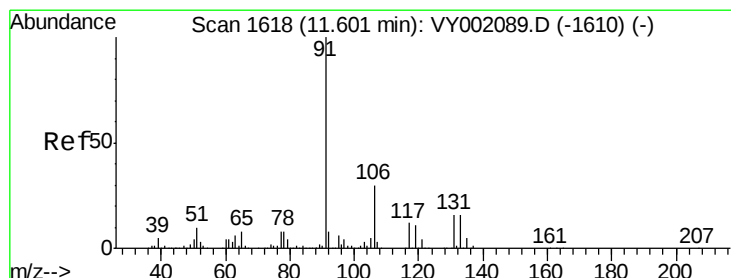
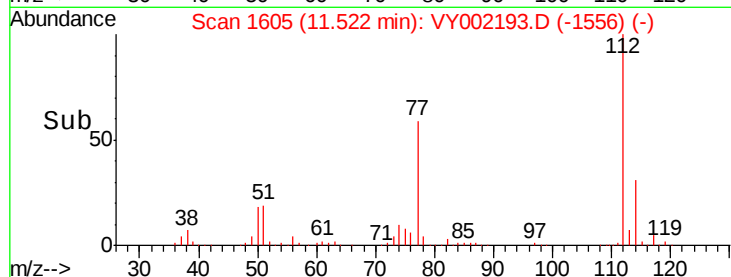
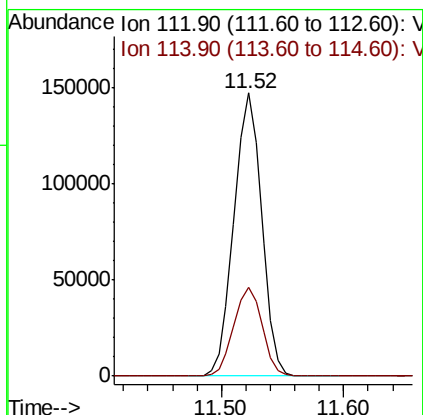
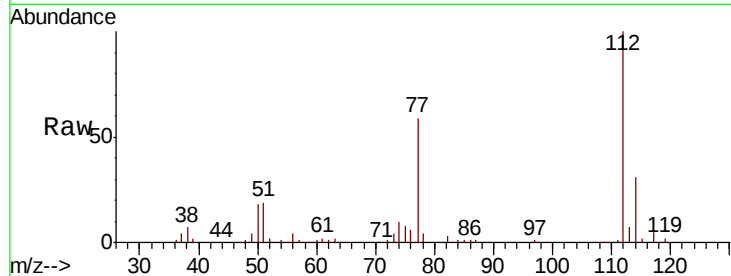




#65
Chlorobenzene
Concen: 49.196 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

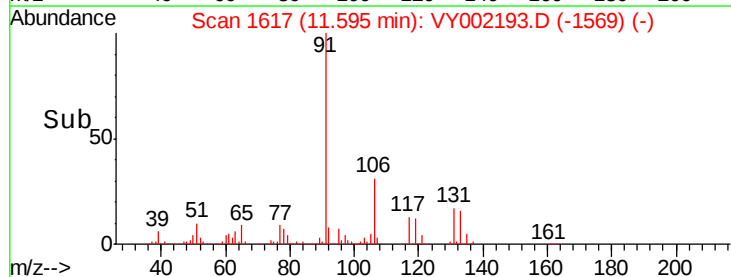
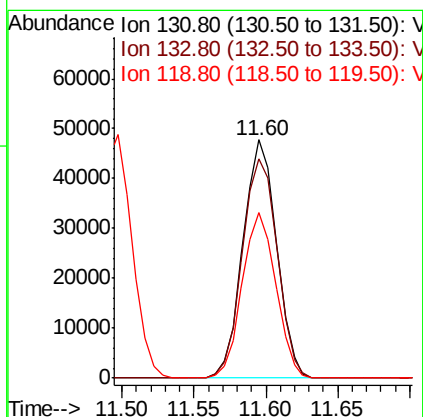
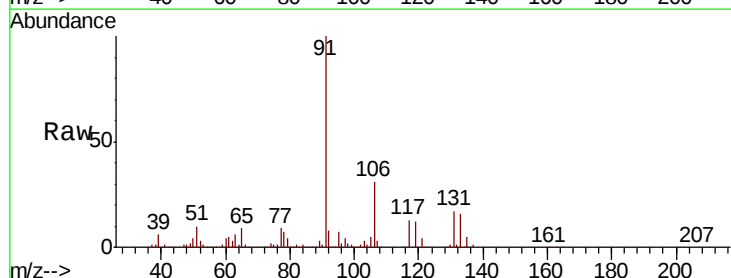
Instrument :
MSVOA_Y
ClientSampleId :

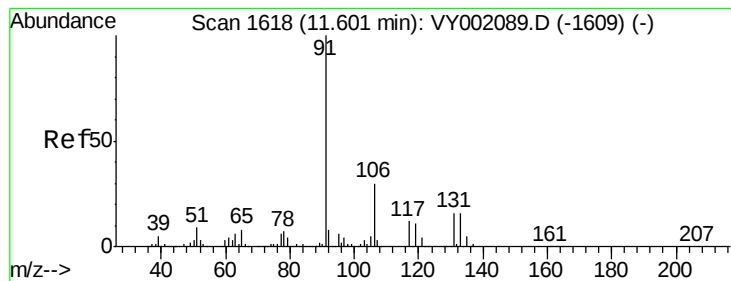
Tot Ion:112 Resp: 231236
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.111 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion:131 Resp: 77227
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 69.6 34.6 103.9





#67

Ethyl Benzene

Concen: 49.748 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

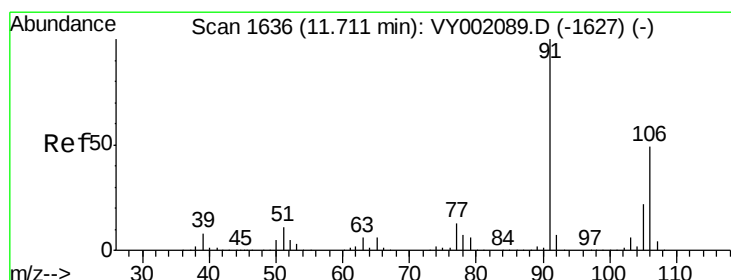
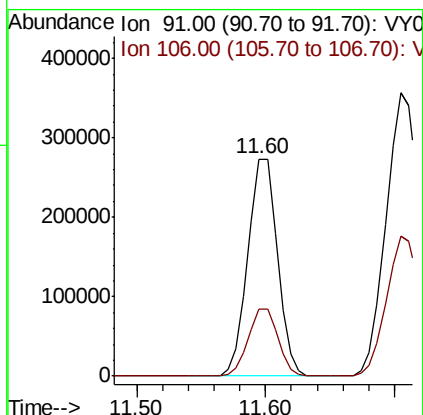
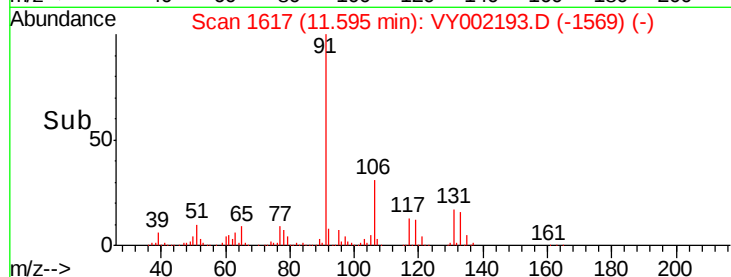
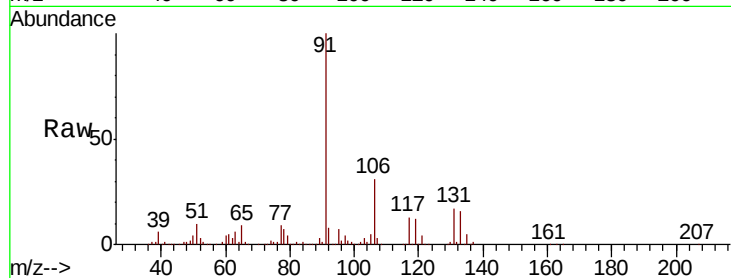
ClientSampleId :

Tot Ion: 91 Resp: 434287

Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1



#68

m/p-Xylenes

Concen: 99.615 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002193.D

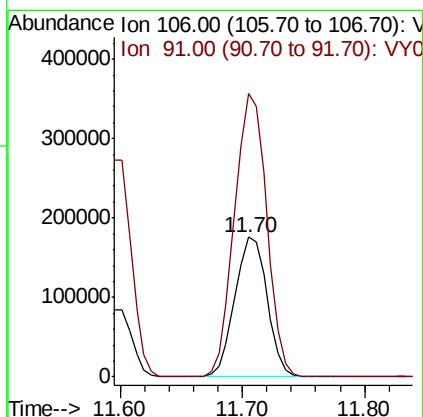
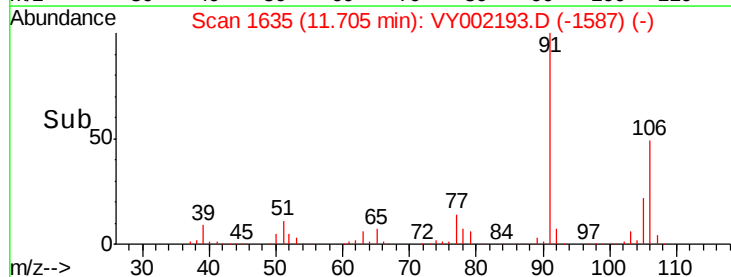
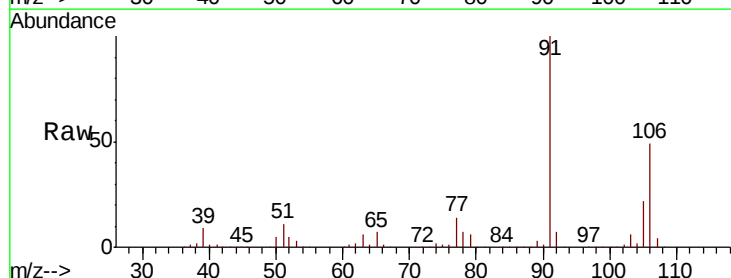
Acq: 02 Apr 2020 15:37

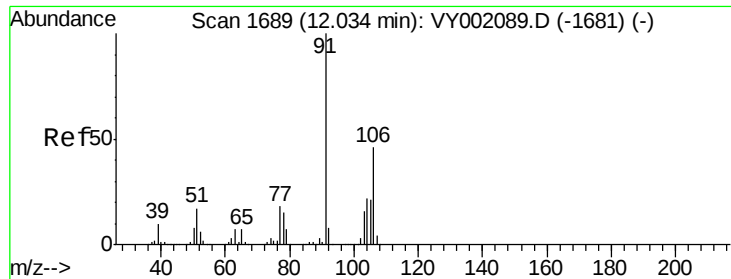
Tgt Ion: 106 Resp: 321529

Ion Ratio Lower Upper

106 100

91 203.0 162.8 244.2

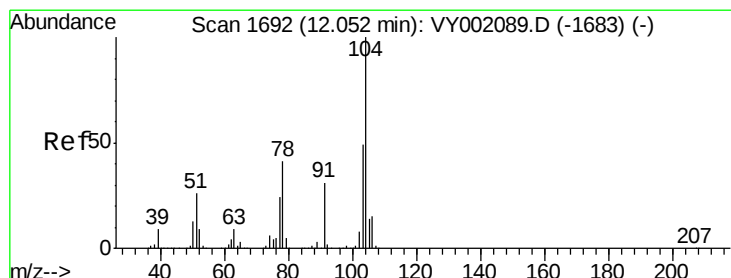
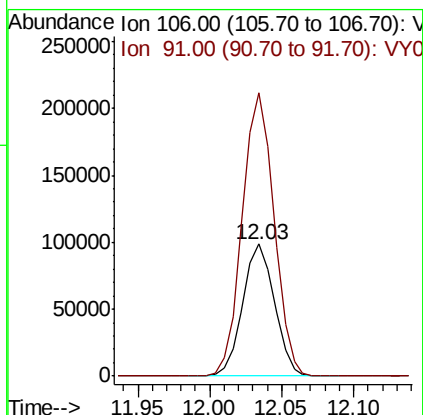
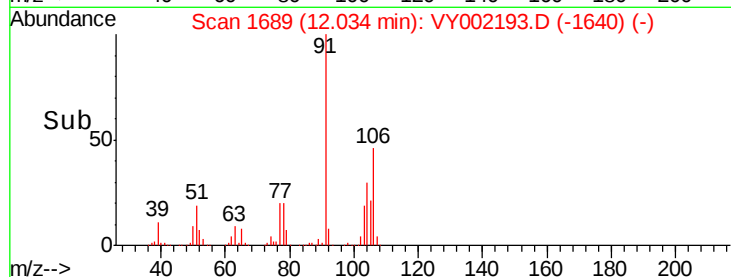
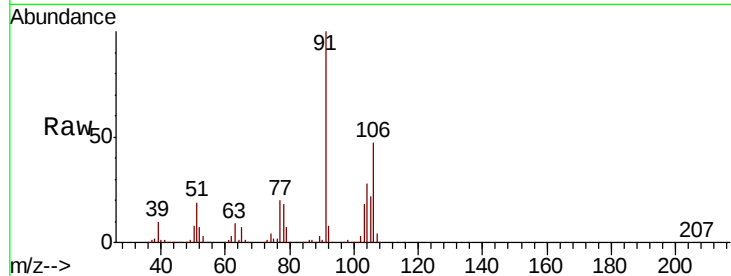




#69
o-Xylene
Concen: 49.172 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

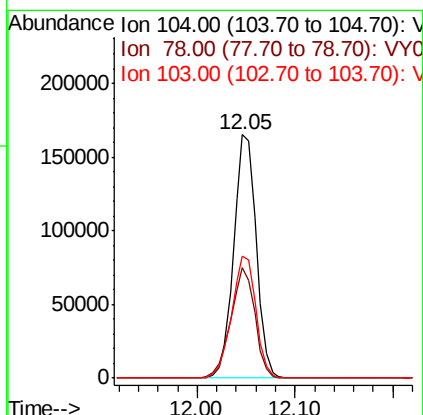
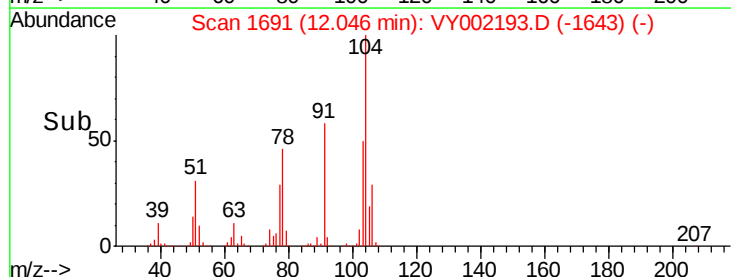
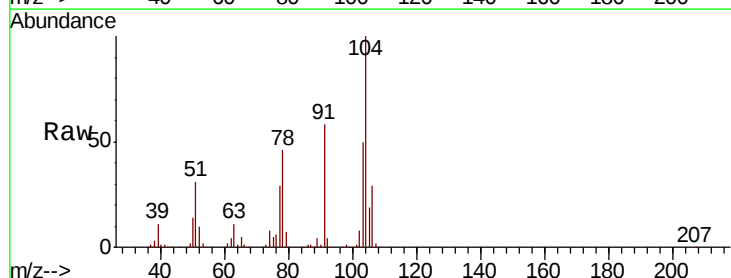
Instrument :
MSVOA_Y
ClientSampled :

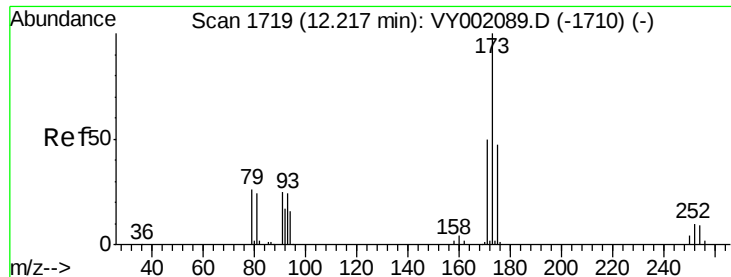
Tot Ion:106 Resp: 150558
Ion Ratio Lower Upper
106 100
91 215.0 107.3 321.8



#70
Styrene
Concen: 49.666 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion:104 Resp: 263509
Ion Ratio Lower Upper
104 100
78 48.3 37.9 56.9
103 53.6 43.2 64.8

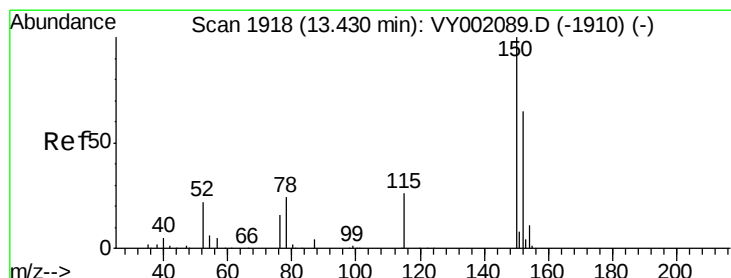
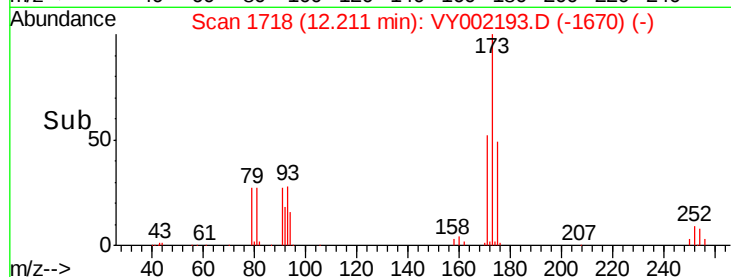
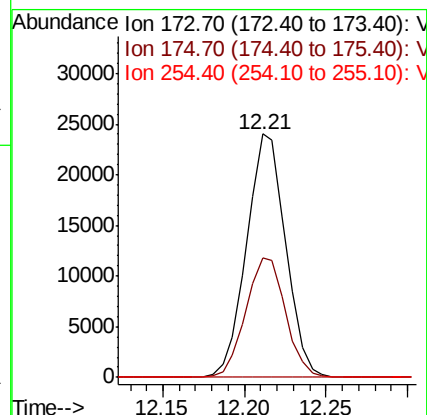
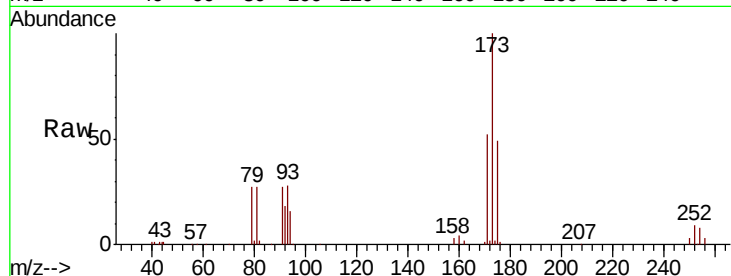




#71
Bromoform
Concen: 46.443 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

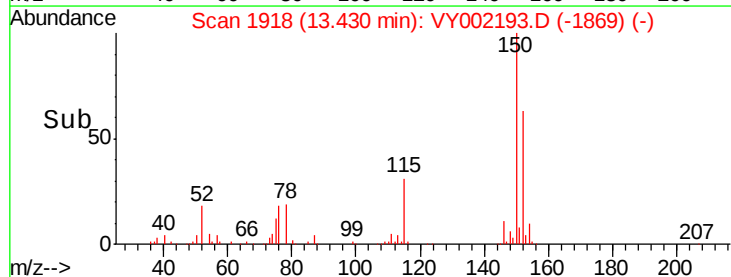
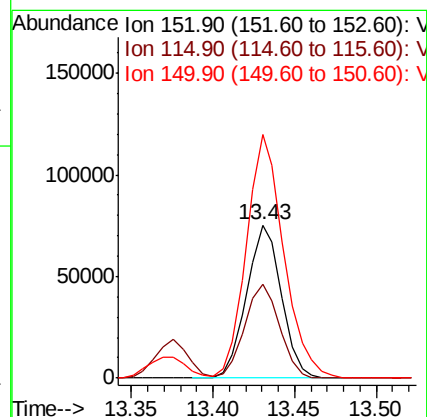
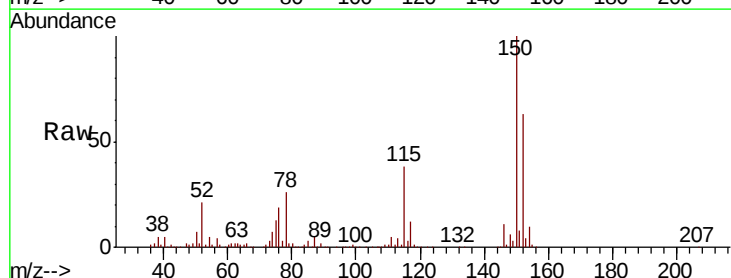
Instrument :
MSVOA_Y
ClientSampleId :

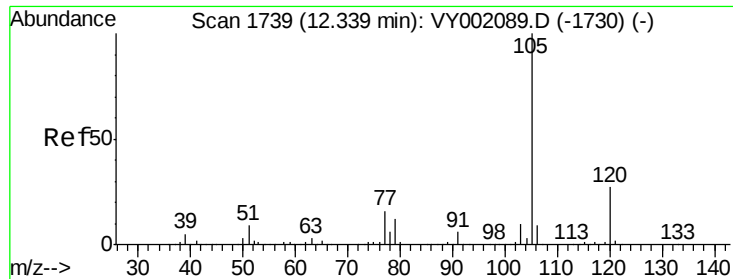
Tot Ion:173 Resp: 40000
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion:152 Resp: 111845
Ion Ratio Lower Upper
152 100
115 61.6 31.2 93.6
150 170.6 0.0 354.8





#73

Isopropylbenzene

Concen: 49.303 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

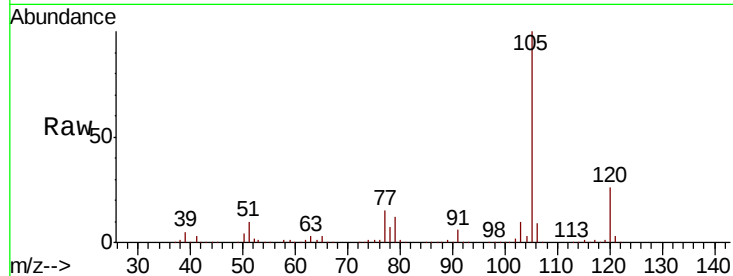
ClientSampleId :

Tot Ion:105 Resp: 409052

Ion Ratio Lower Upper

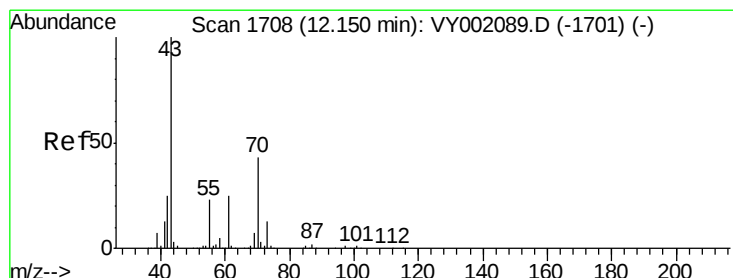
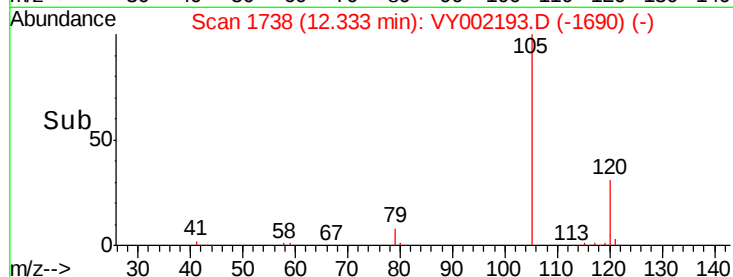
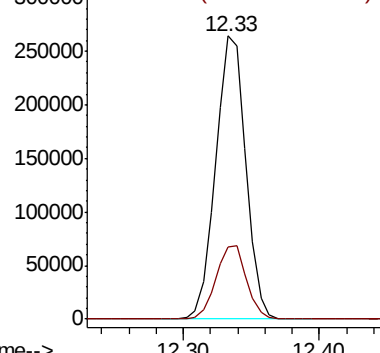
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.056 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Tgt Ion: 43 Resp: 115283

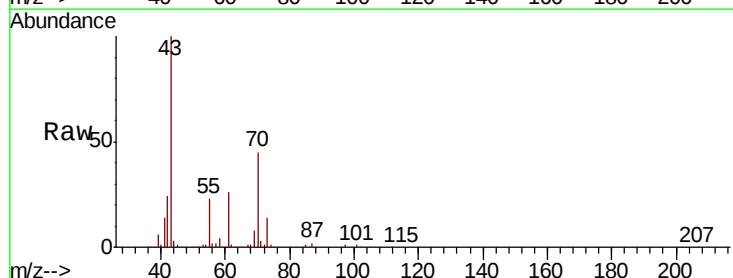
Ion Ratio Lower Upper

43 100

70 43.6 35.0 52.4

55 23.6 18.7 28.1

61 25.0 20.2 30.2

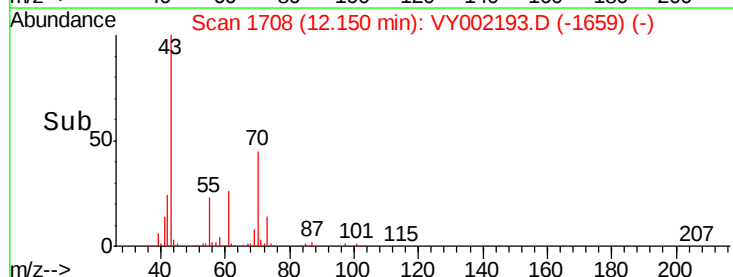
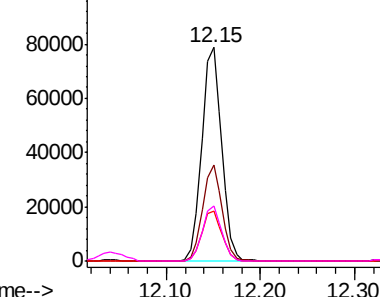


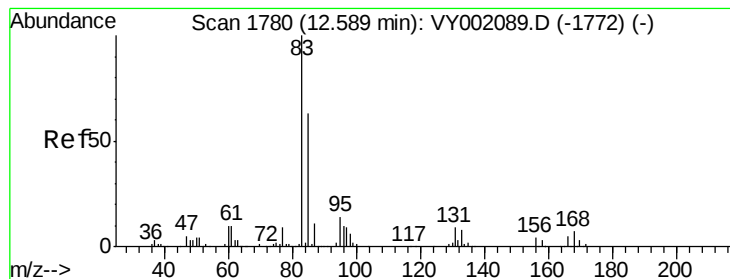
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.859 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

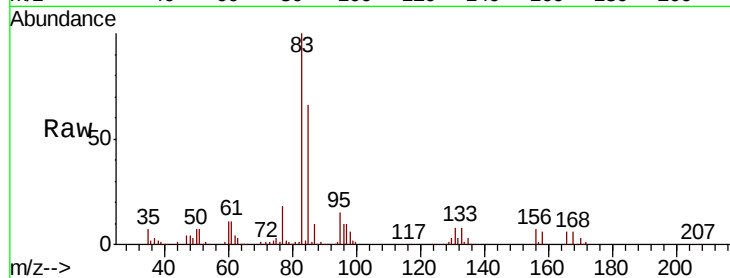
Tot Ion: 83 Resp: 80089

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

85 63.7 32.4 97.0



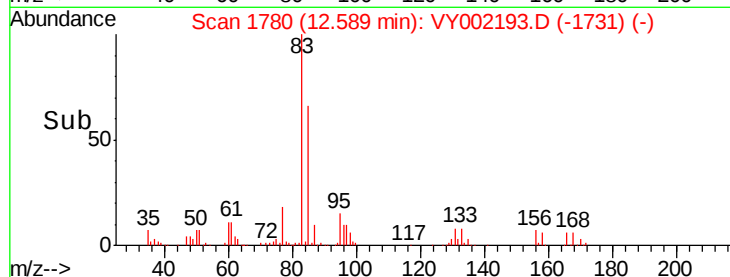
Abundance Ion 82.90 (82.60 to 83.60): VY002193.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002193.D (-1731) (-)

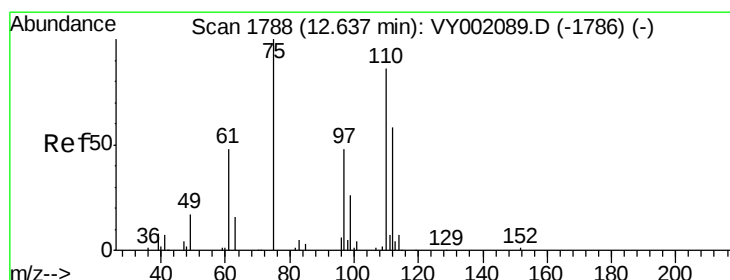
Ion 84.90 (84.60 to 85.60): VY002193.D (-1731) (-)

12.59

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 83.027 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002193.D

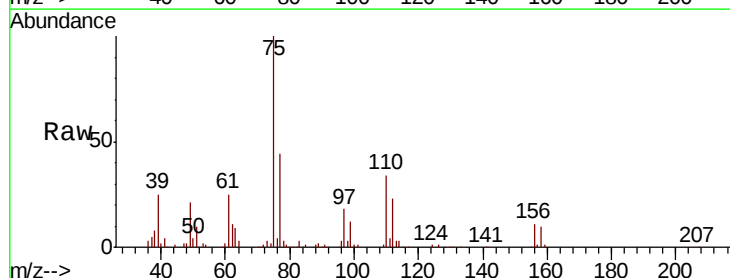
Acq: 02 Apr 2020 15:37

Tgt Ion: 75 Resp: 103874

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

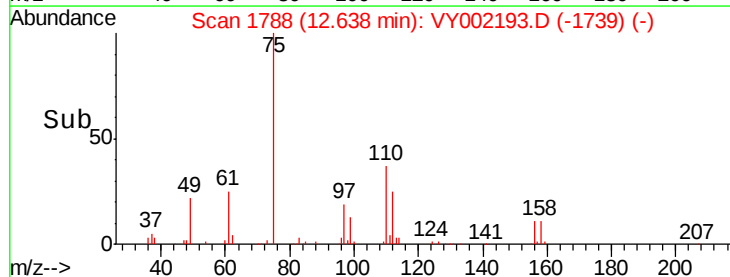


Abundance Ion 74.90 (74.60 to 75.60): VY002193.D (-1739) (-)

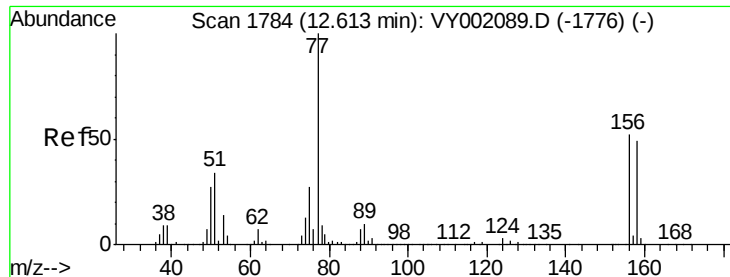
Ion 77.00 (76.70 to 77.70): VY002193.D (-1739) (-)

12.64

Time-->



Time-->



#77

Bromobenzene

Concen: 49.036 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampled :

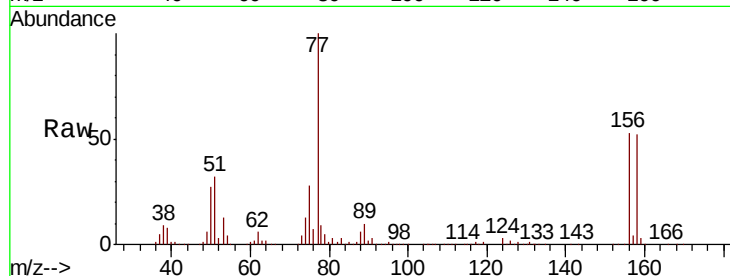
Tot Ion:156 Resp: 86849

Ion Ratio Lower Upper

156 100

77 211.3 107.8 323.6

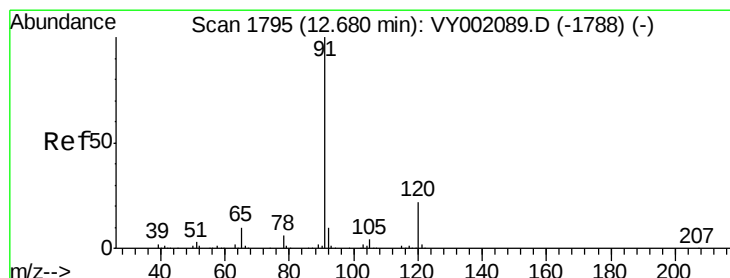
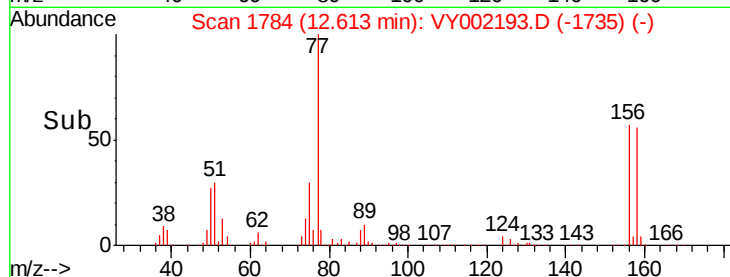
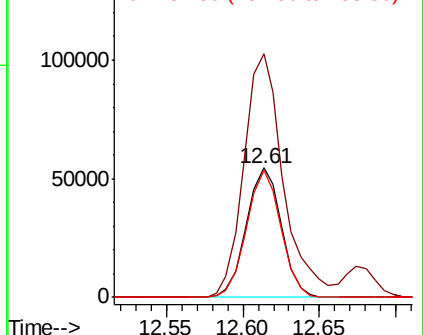
158 96.0 47.5 142.6



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: 48.713 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002193.D

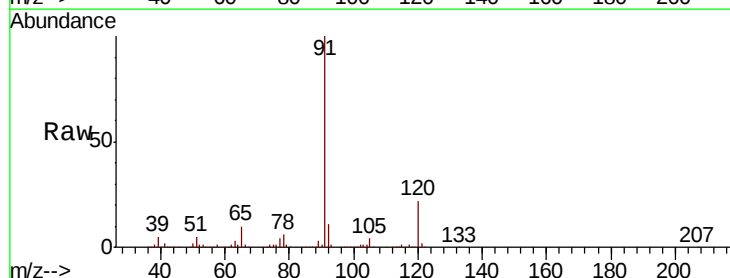
Acq: 02 Apr 2020 15:37

Tgt Ion: 91 Resp: 501555

Ion Ratio Lower Upper

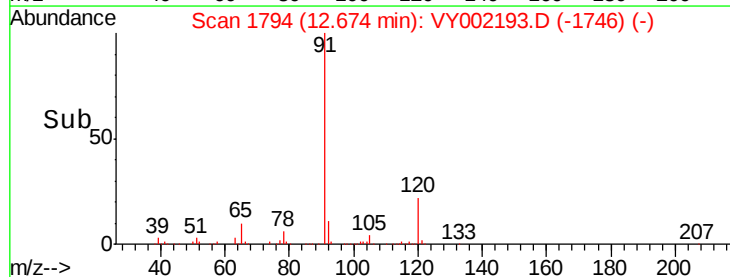
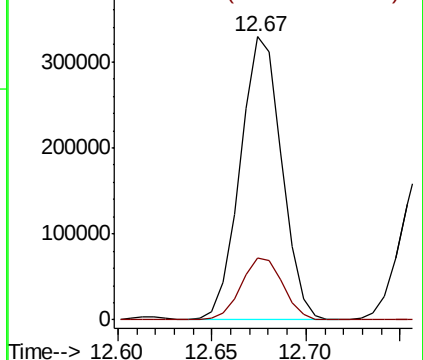
91 100

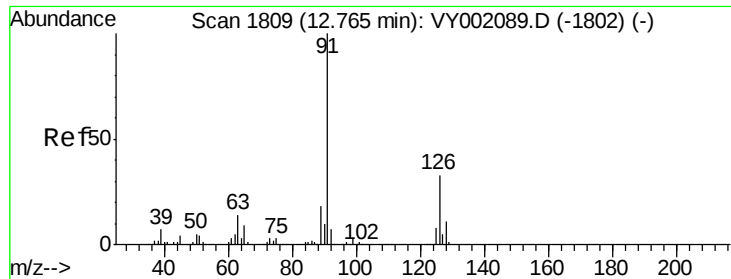
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

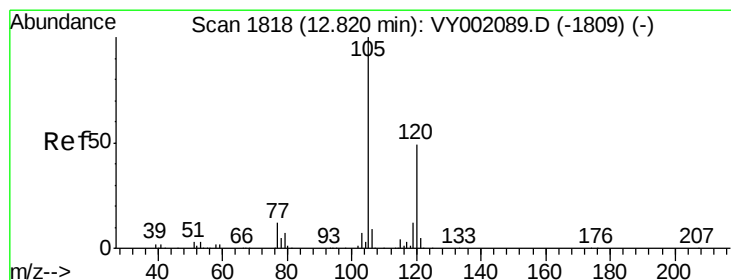
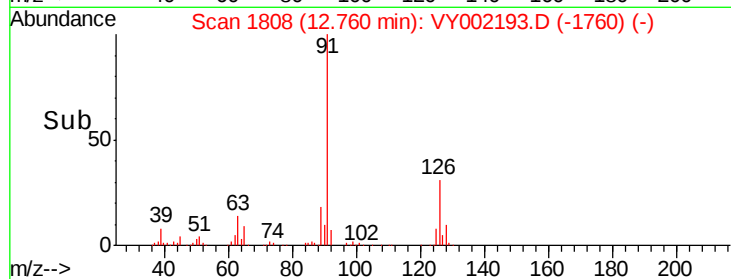
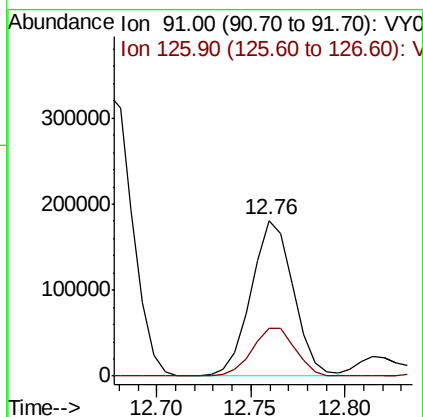
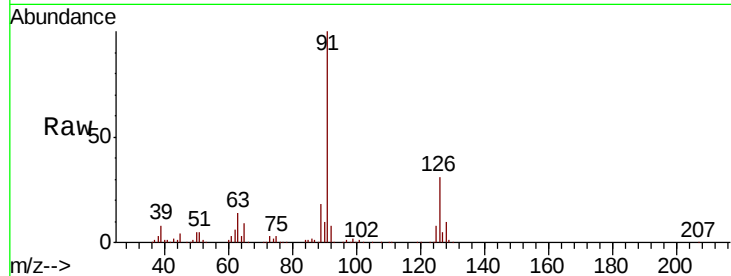




#79
 2-Chlorotoluene
 Concen: 49.567 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

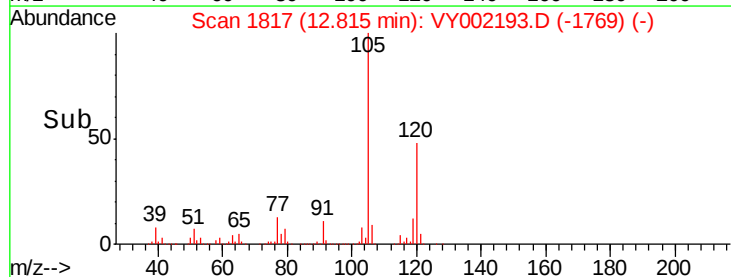
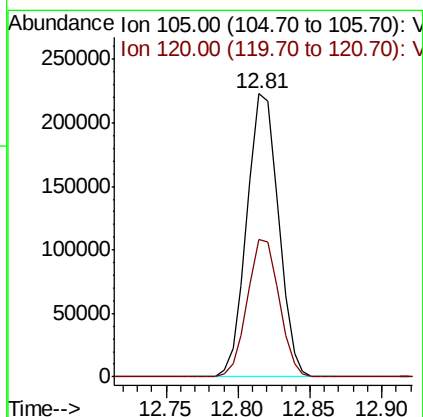
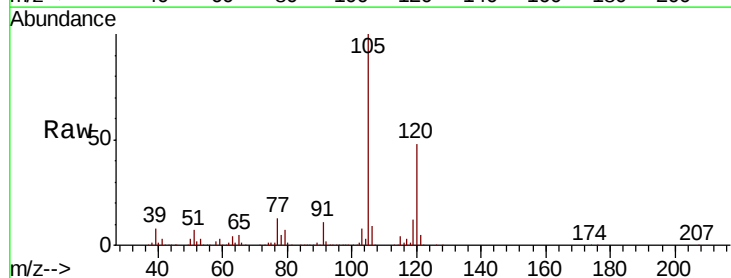
Instrument :
 MSVOA_Y
 ClientSampleId :

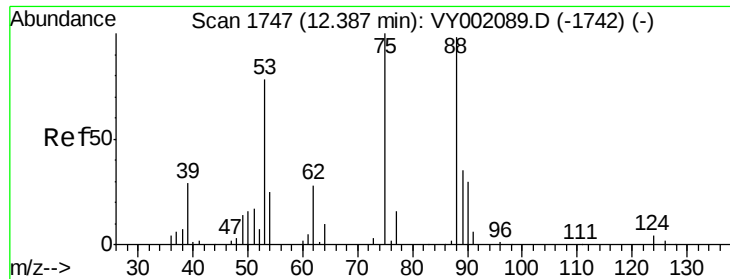
Tot Ion: 91 Resp: 280210
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.534 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion: 105 Resp: 339065
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 43.830 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

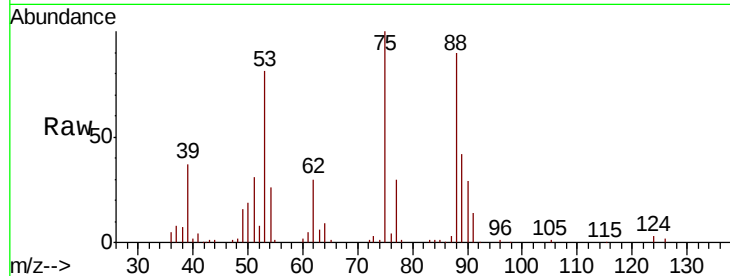
Tot Ion: 75 Resp: 28304

Ion Ratio Lower Upper

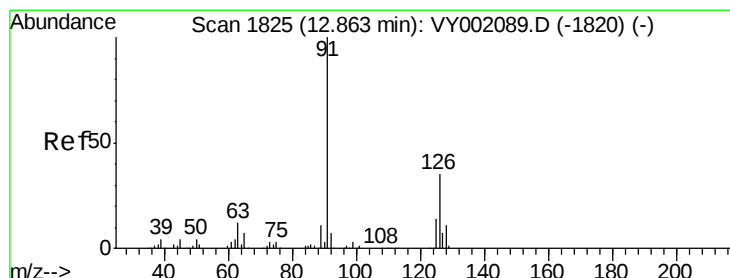
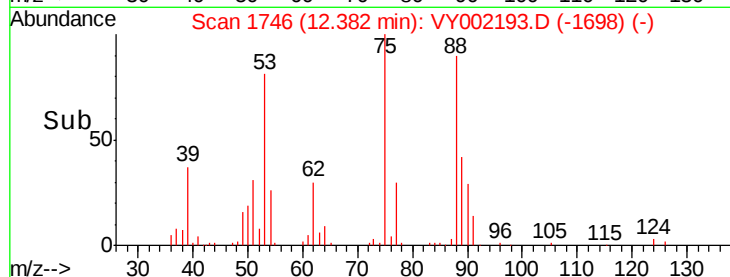
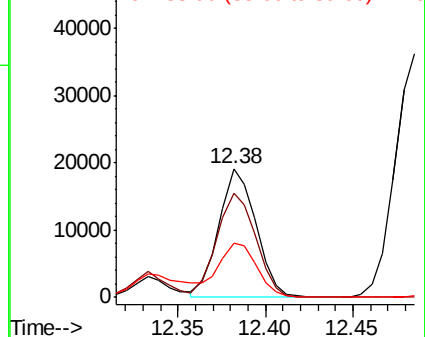
75 100

53 84.8 65.0 97.4

89 42.6 33.4 50.0



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



#82

4-Chlorotoluene

Concen: 48.345 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002193.D

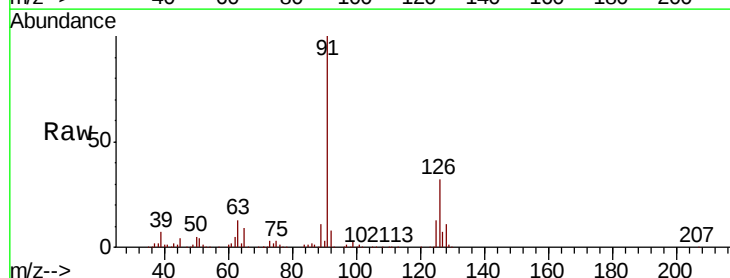
Acq: 02 Apr 2020 15:37

Tgt Ion: 91 Resp: 287996

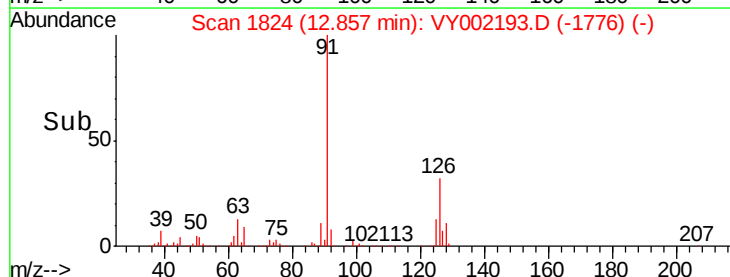
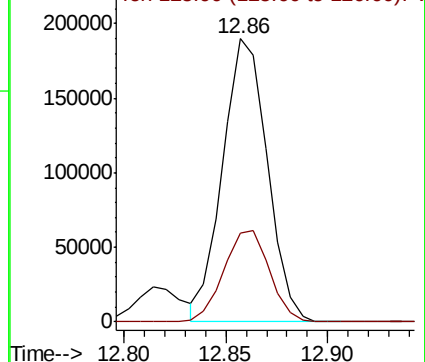
Ion Ratio Lower Upper

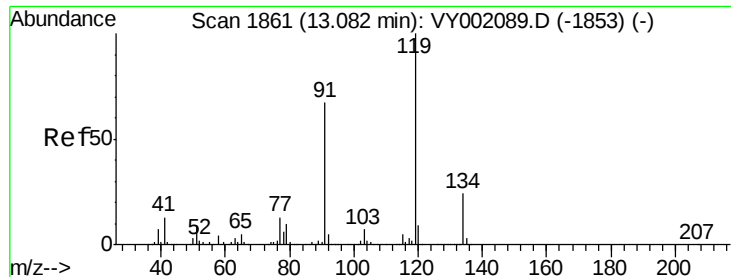
91 100

126 33.2 16.3 48.9



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

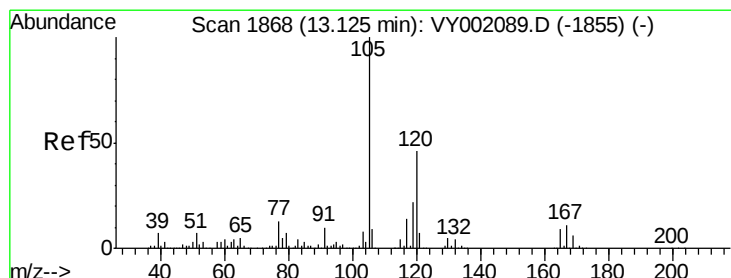
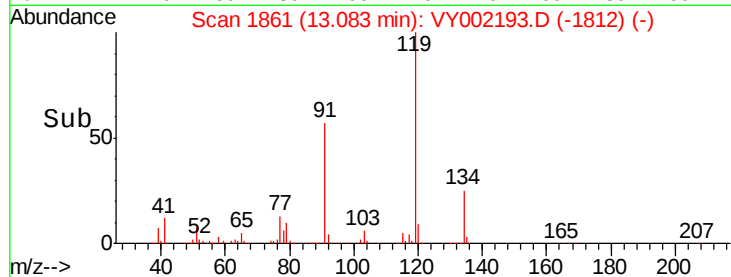
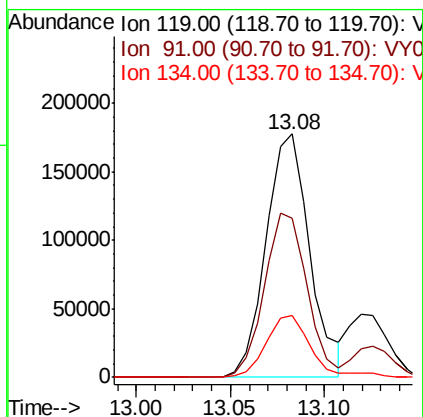
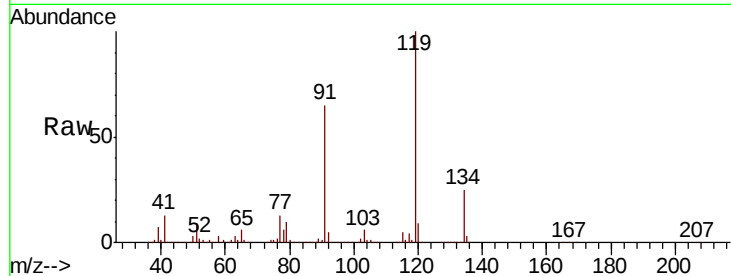




#83
 tert-Butylbenzene
 Concen: 50.164 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

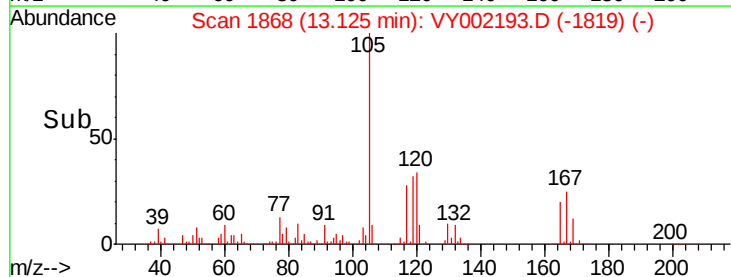
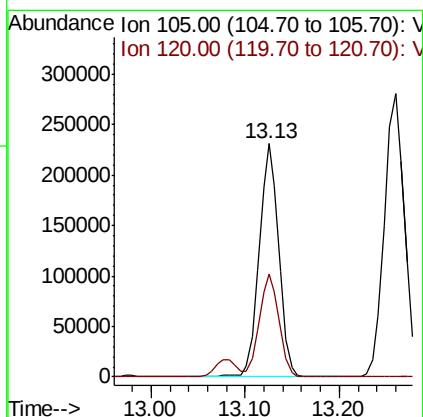
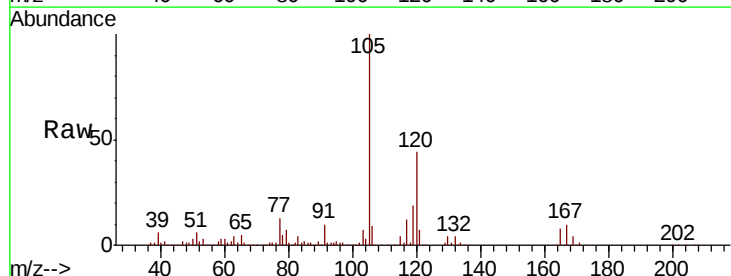
Instrument :
 MSVOA_Y
 ClientSampled :

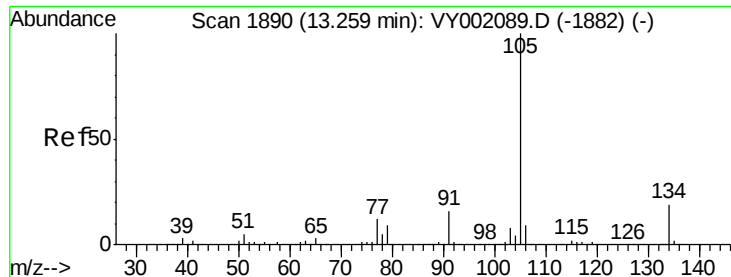
Tot Ion:119 Resp: 286621
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.9 98.6
 134 26.0 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.613 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion:105 Resp: 338832
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.201 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

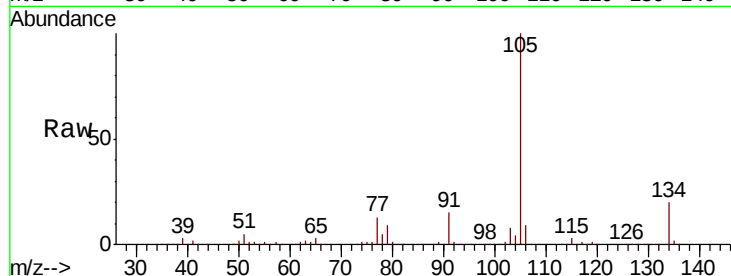
ClientSampleId :

Tot Ion:105 Resp: 416386

Ion Ratio Lower Upper

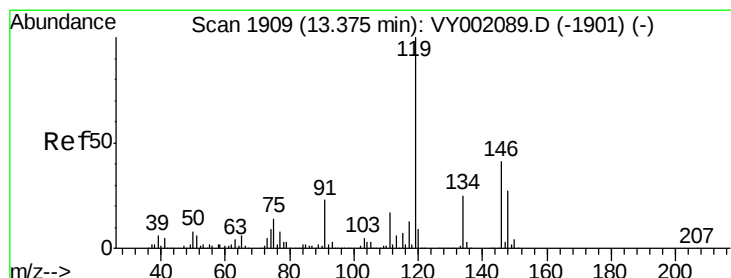
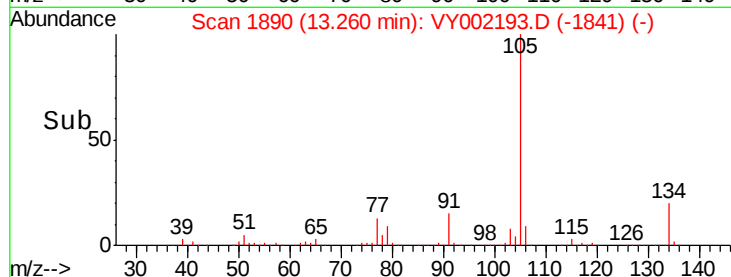
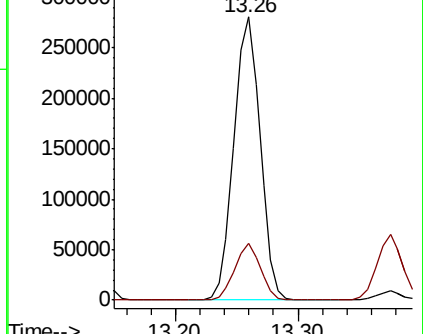
105 100

134 19.6 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: 49.173 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

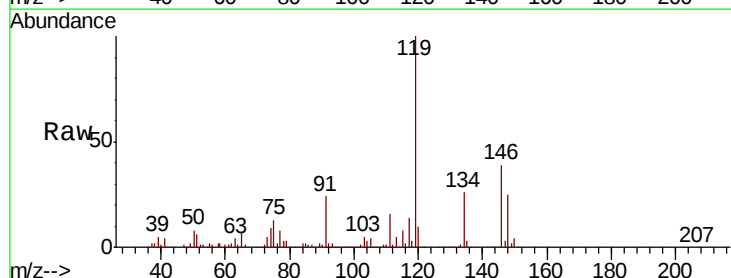
Tgt Ion:119 Resp: 357363

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

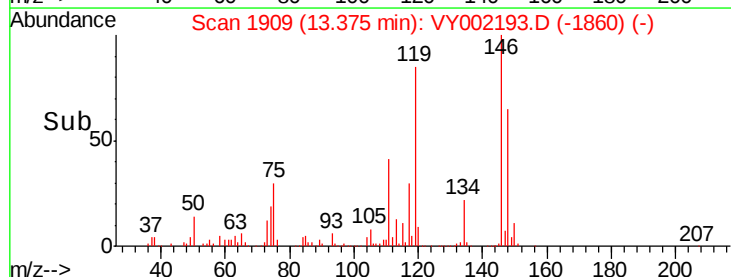
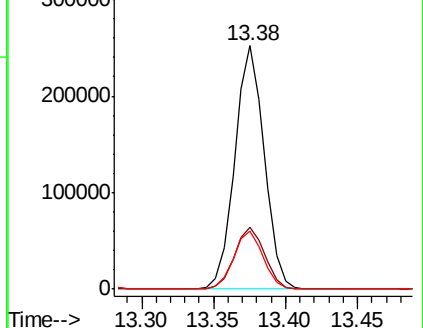
91 23.8 11.8 35.3

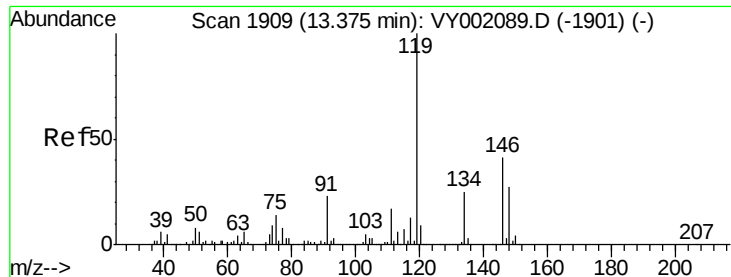


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

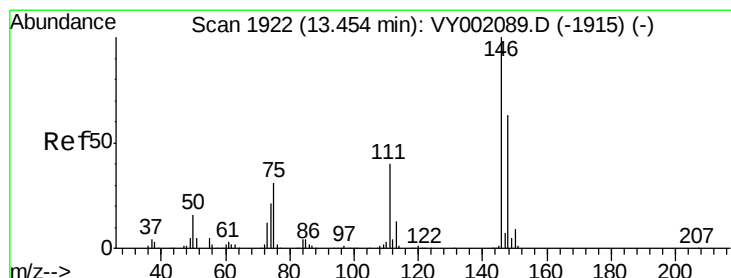
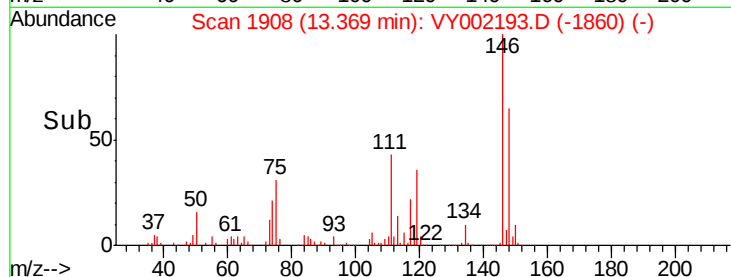
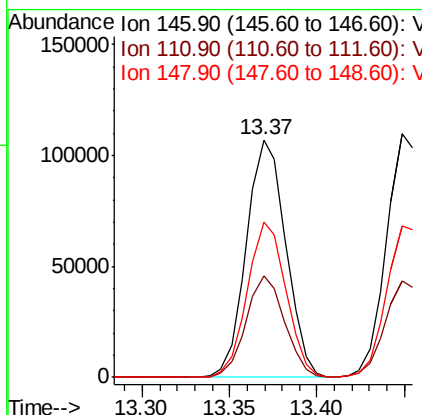
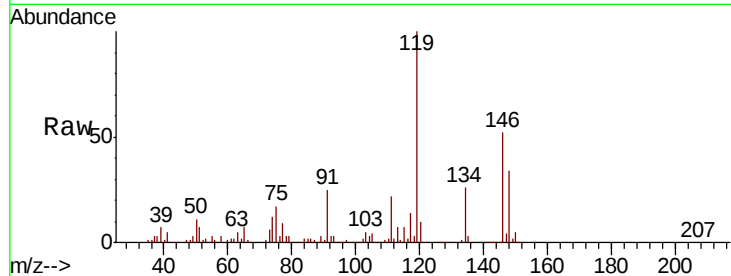




#87
 1,3-Dichlorobenzene
 Concen: 48.486 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

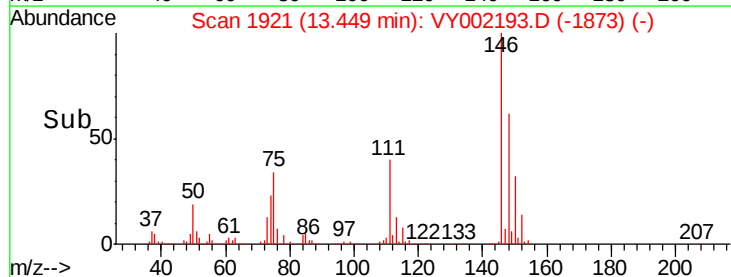
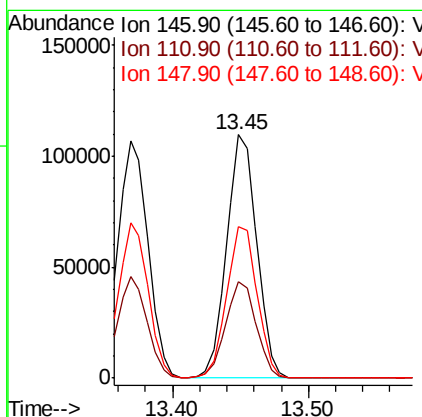
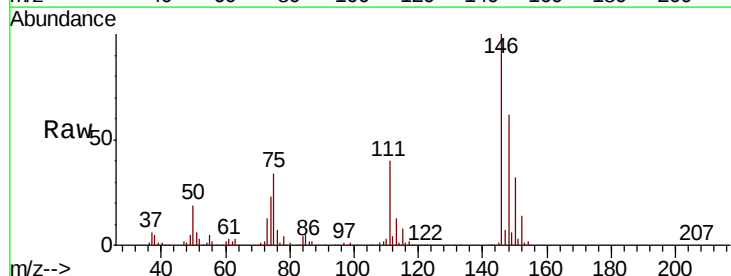
Instrument :
 MSVOA_Y
 ClientSampled :

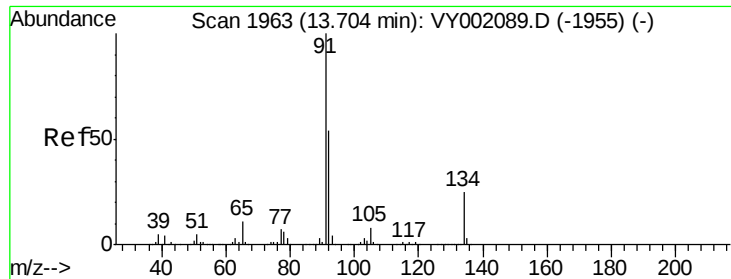
Tot Ion:146 Resp: 167994
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.9 62.8
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.419 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion:146 Resp: 168816
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 62.8 31.5 94.5

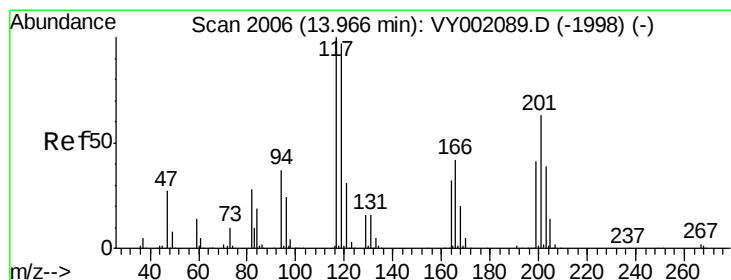
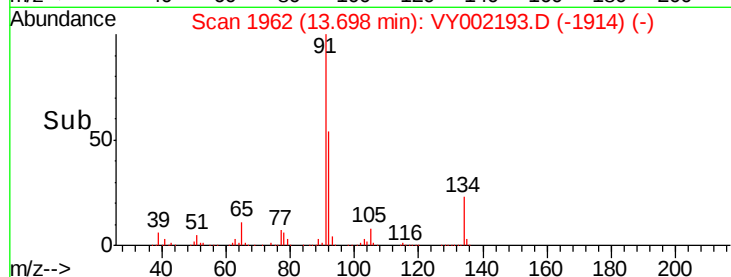
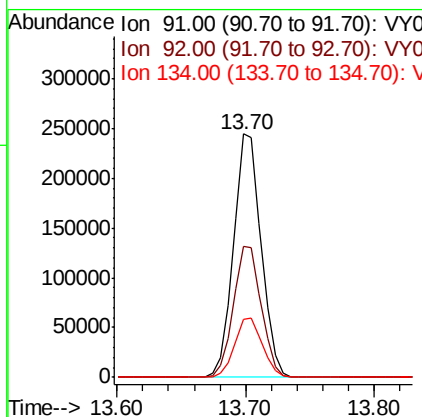
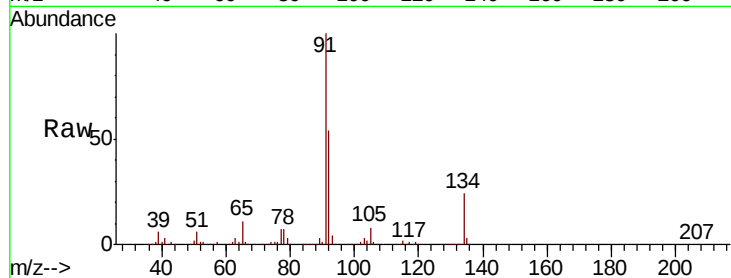




#89
n-Butylbenzene
Concen: 47.993 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

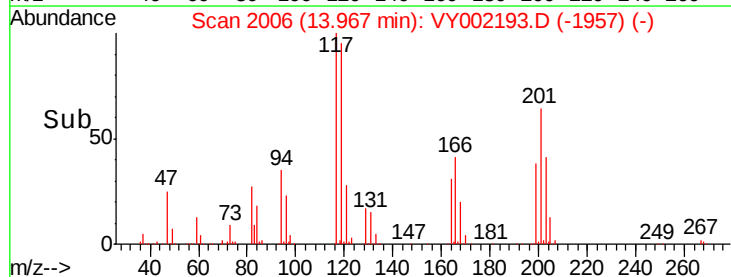
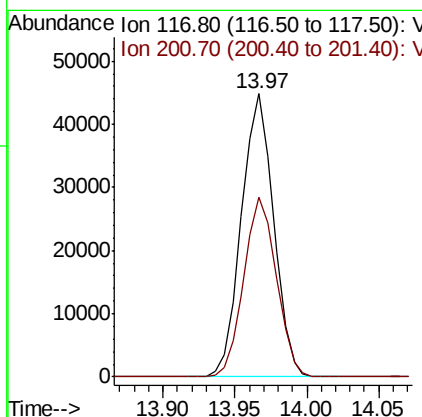
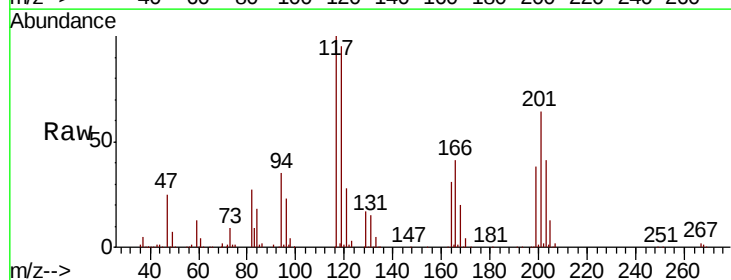
Instrument :
MSVOA_Y
ClientSampled :

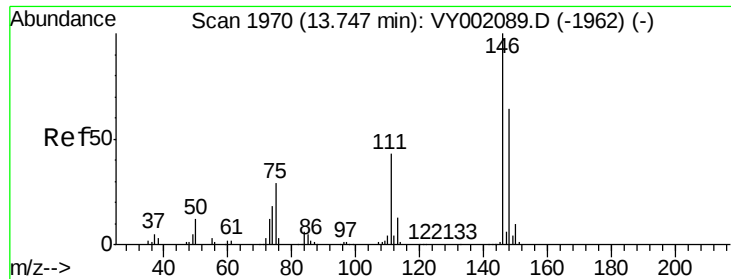
Tot Ion: 91 Resp: 363411
Ion Ratio Lower Upper
91 100
92 54.6 27.0 81.0
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 50.750 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002193.D
Acq: 02 Apr 2020 15:37

Tgt Ion: 117 Resp: 69498
Ion Ratio Lower Upper
117 100
201 64.0 31.6 94.8

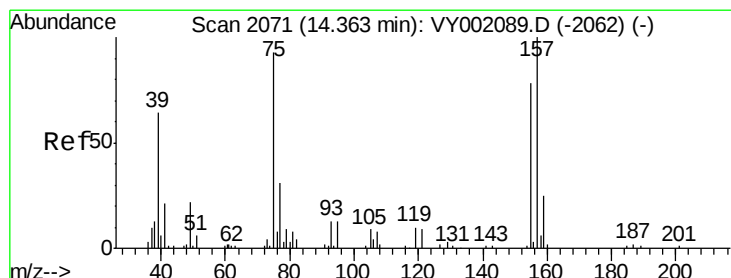
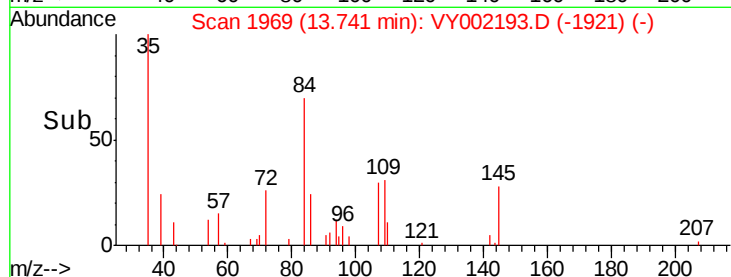
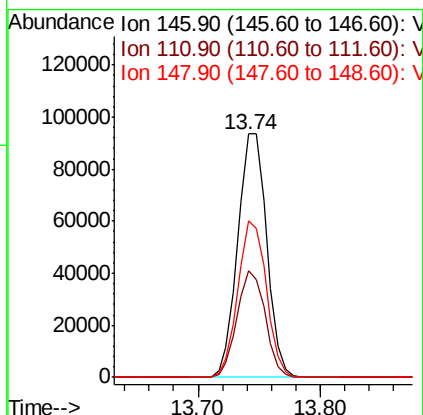
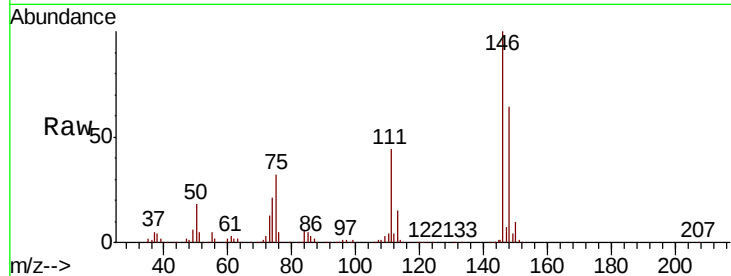




#91
 1,2-Dichlorobenzene
 Concen: 47.958 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

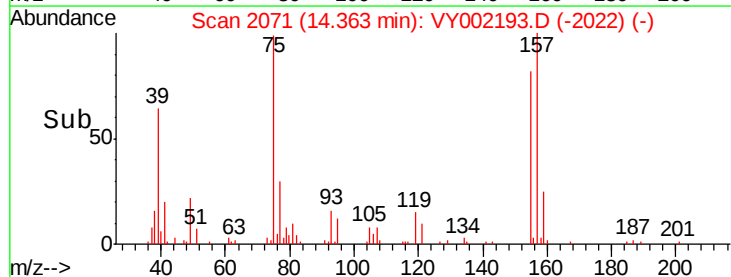
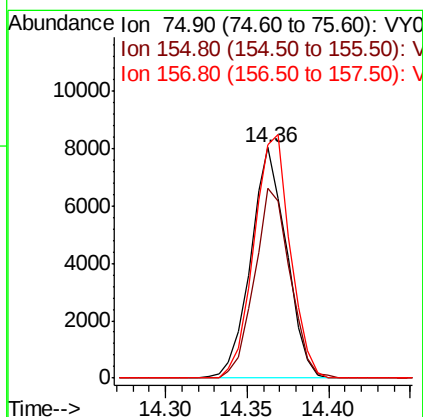
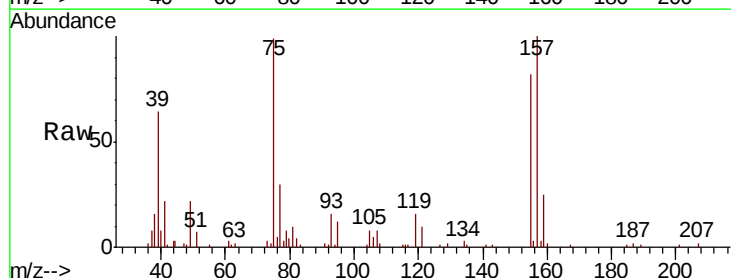
Instrument :
 MSVOA_Y
 ClientSampleId :

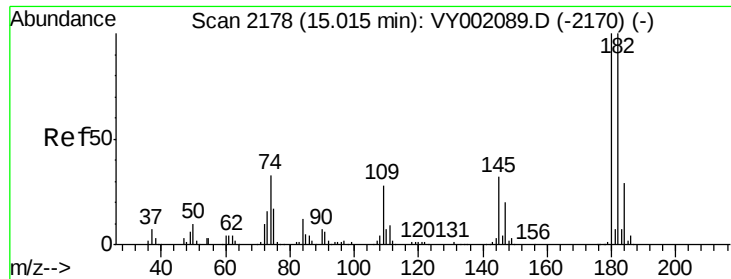
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.7
148	63.2	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.814 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	41.6	124.9
157	107.2	53.4	160.3

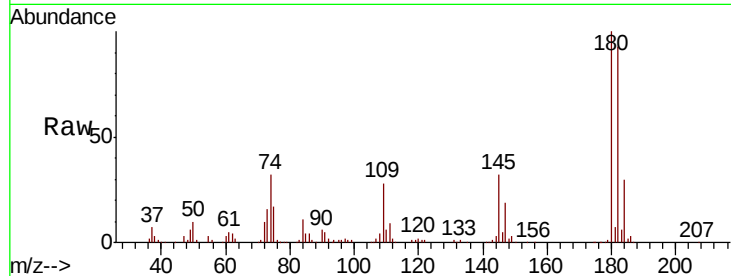




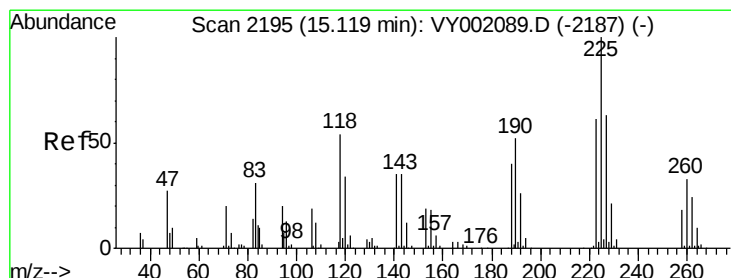
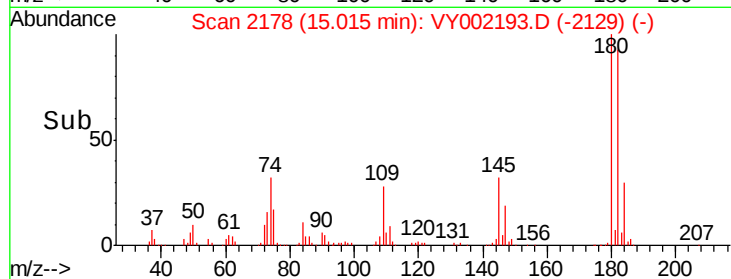
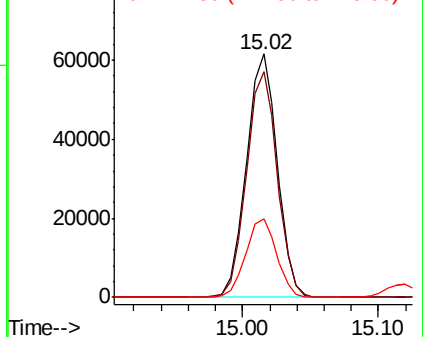
#93
 1,2,4-Trichlorobenzene
 Concen: 47.327 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 97605
 Ion Ratio Lower Upper
 180 100
 182 92.7 48.1 144.3
 145 32.3 15.9 47.6

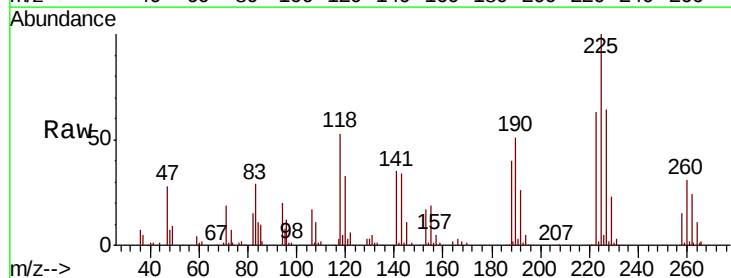


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

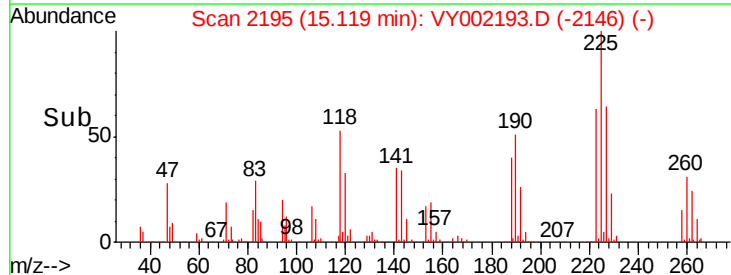
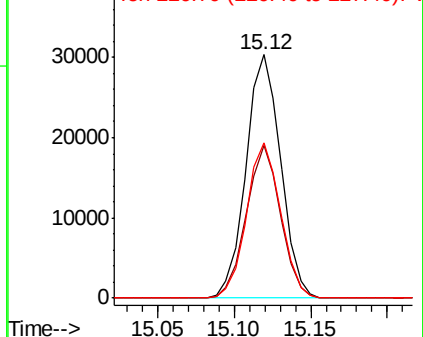


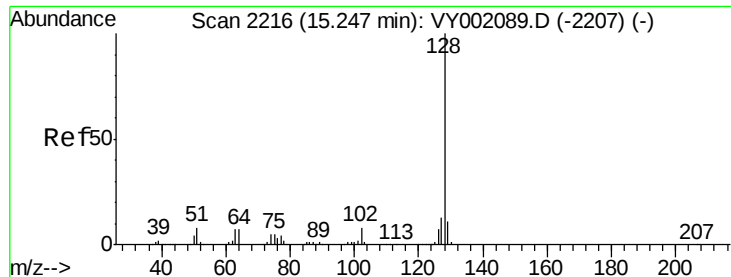
#94
 Hexachlorobutadiene
 Concen: 47.062 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002193.D
 Acq: 02 Apr 2020 15:37

Tgt Ion:225 Resp: 47910
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.1 93.3
 227 62.5 31.6 94.7



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: 44.903 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

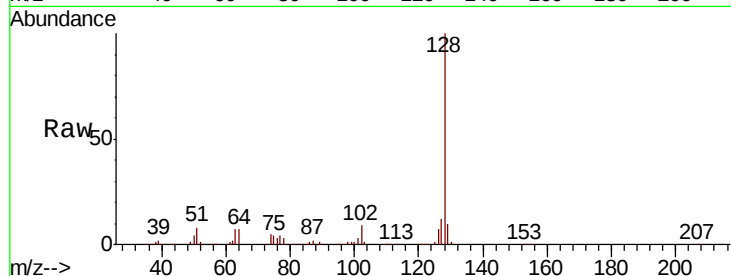
Tot Ion:128 Resp: 219952

Ion Ratio Lower Upper

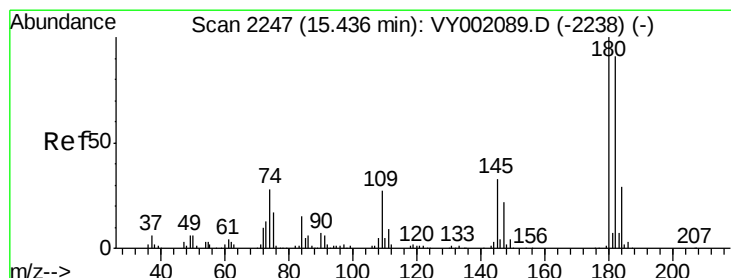
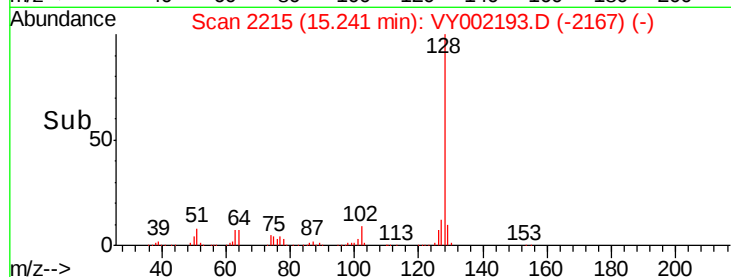
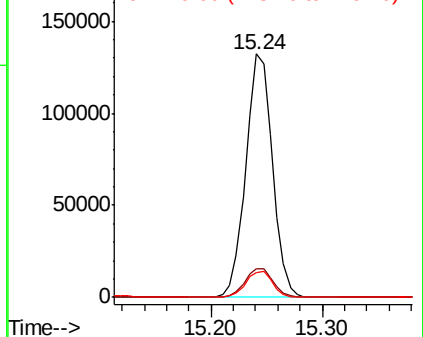
128 100

127 12.3 9.8 14.8

129 10.7 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: 45.484 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002193.D

Acq: 02 Apr 2020 15:37

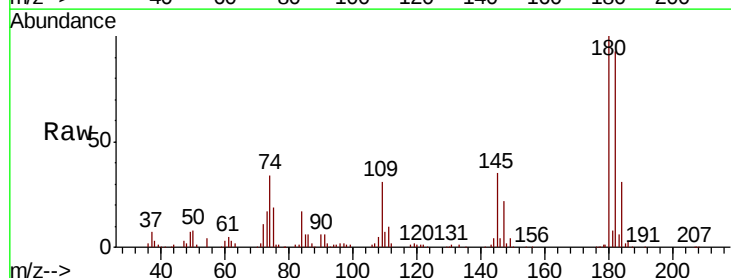
Tgt Ion:180 Resp: 85064

Ion Ratio Lower Upper

180 100

182 94.5 46.8 140.3

145 34.1 16.7 50.1



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

