

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002207.D
 Acq On : 02 Apr 2020 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:19:11 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	136775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	236451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	106906	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	78204	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.74	113	73918	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
50) Toluene-d8	10.19	98	299817	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.49	95	106084	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	39331	43.812	ug/l	98
3) Chloromethane	2.13	50	67804	42.420	ug/l	100
4) Vinyl Chloride	2.26	62	71147	43.766	ug/l	100
5) Bromomethane	2.66	94	53047	50.002	ug/l	96
6) Chloroethane	2.81	64	49266	47.197	ug/l	99
7) Trichlorofluoromethane	3.15	101	100484	45.107	ug/l	100
8) Diethyl Ether	3.54	74	47188	50.011	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	66999	45.840	ug/l	99
10) Methyl Iodide	4.11	142	76900	44.248	ug/l	100
11) Tert butyl alcohol	4.97	59	45868	257.423	ug/l	98
12) 1,1-Dichloroethene	3.89	96	68884	46.414	ug/l	94
13) Acrolein	3.75	56	49125	220.589	ug/l	98
14) Allyl chloride	4.50	41	129026	47.490	ug/l	99
15) Acrylonitrile	5.19	53	132040	266.992	ug/l	100
16) Acetone	3.97	43	91706	215.882	ug/l	95
17) Carbon Disulfide	4.21	76	220385	44.746	ug/l	99
18) Methyl Acetate	4.50	43	56559	51.274	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	213453	51.556	ug/l	99
20) Methylene Chloride	4.74	84	88430	50.312	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	81175	48.038	ug/l	97
22) Diisopropyl ether	6.14	45	279787	50.320	ug/l	98
23) Vinyl Acetate	6.08	43	939868	257.781	ug/l	97
24) 1,1-Dichloroethane	6.04	63	145824	49.327	ug/l	98
25) 2-Butanone	7.00	43	163204	250.206	ug/l	99
26) 2,2-Dichloropropane	7.00	77	110282	45.295	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	92636	49.830	ug/l	98
28) Bromochloromethane	7.35	49	73711	54.615	ug/l	100
29) Tetrahydrofuran	7.36	42	111398	260.484	ug/l	98
30) Chloroform	7.52	83	139722	49.862	ug/l	97
31) Cyclohexane	7.80	56	139295	44.219	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	113450	48.491	ug/l	99
36) 1,1-Dichloropropene	7.93	75	111905	45.241	ug/l	99
37) Ethyl Acetate	7.09	43	73096	48.902	ug/l	99
38) Carbon Tetrachloride	7.91	117	94605	45.081	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146122	45.037	ug/l	99
40) Benzene	8.17	78	346268	47.260	ug/l	99
41) Methacrylonitrile	7.36	41	99039	130.989	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	93051	47.836	ug/l	99
43) Isopropyl Acetate	8.28	43	139457	50.267	ug/l	99
44) Trichloroethene	8.95	130	82692	46.820	ug/l	91
45) 1,2-Dichloropropane	9.23	63	91931	49.278	ug/l	98
46) Dibromomethane	9.31	93	47808	49.900	ug/l	99
47) Bromodichloromethane	9.51	83	110026	49.331	ug/l	96
48) Methyl methacrylate	9.30	41	61509	49.474	ug/l	96
49) 1,4-Dioxane	9.31	88	13103	996.636	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	374341	262.042	ug/l	99
52) Toluene	10.25	92	210979	47.609	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	120589	48.712	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	143163	49.119	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	69760	49.196	ug/l	99
56) Ethyl methacrylate	10.52	69	108741	52.504	ug/l	97
57) 1,3-Dichloropropane	10.80	76	124750	49.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	293335	275.635	ug/l	100
59) 2-Hexanone	10.84	43	251493	249.919	ug/l	98
60) Dibromochloromethane	10.99	129	74443	50.170	ug/l	99
61) 1,2-Dibromoethane	11.10	107	67763	51.056	ug/l	97
64) Tetrachloroethene	10.73	164	69723	48.196	ug/l	97
65) Chlorobenzene	11.52	112	220049	48.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	74334	48.680	ug/l	100
67) Ethyl Benzene	11.60	91	406395	47.941	ug/l	99
68) m/p-Xylenes	11.71	106	299360	95.512	ug/l	99
69) o-Xylene	12.03	106	142880	48.056	ug/l	100
70) Styrene	12.05	104	254277	49.355	ug/l	100
71) Bromoform	12.22	173	42643	50.988	ug/l #	97
73) Isopropylbenzene	12.34	105	382982	48.293	ug/l	100
74) N-amyl acetate	12.15	43	123949	49.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	87342	51.182	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	111408	93.163	ug/l #	100
77) Bromobenzene	12.62	156	87900	51.923	ug/l	94
78) n-propylbenzene	12.68	91	465377	47.288	ug/l	100
79) 2-Chlorotoluene	12.77	91	258304	47.803	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	312133	47.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	31495	51.024	ug/l	100
82) 4-Chlorotoluene	12.86	91	270936	47.583	ug/l	99
83) tert-Butylbenzene	13.08	119	263982	48.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	314911	48.240	ug/l	100
85) sec-Butylbenzene	13.26	105	385551	47.663	ug/l	100
86) p-Isopropyltoluene	13.38	119	331464	47.716	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	158903	47.981	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	159049	47.725	ug/l	99
89) n-Butylbenzene	13.70	91	330729	45.695	ug/l	100
90) Hexachloroethane	13.97	117	64722	49.445	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	147365	48.184	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13646	49.921	ug/l	95

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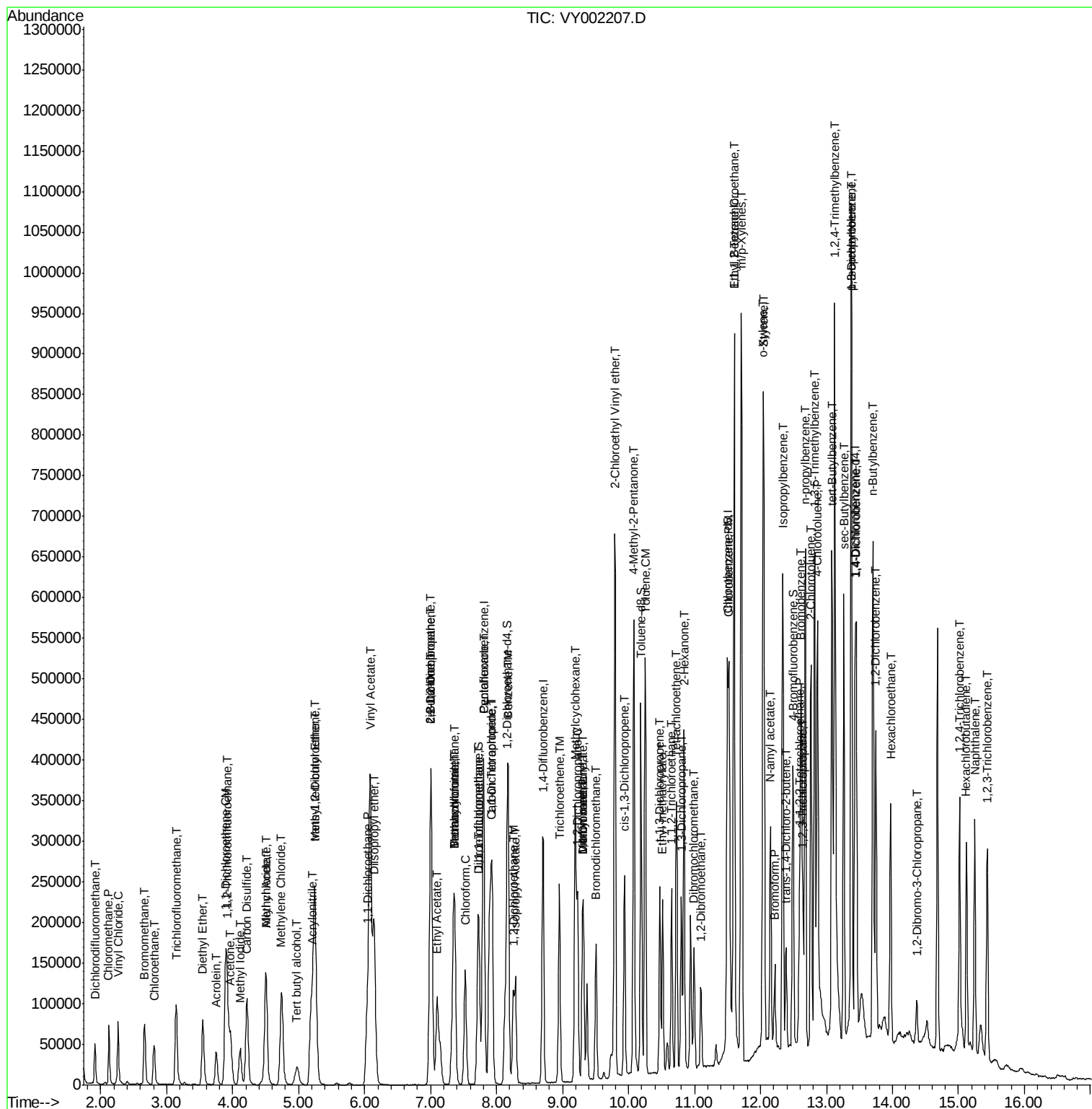
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	91270	46.300	ug/l	99
94) Hexachlorobutadiene	15.12	225	44041	45.260	ug/l	99
95) Naphthalene	15.25	128	233432	49.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.44	180	82488	46.144	ug/l	99

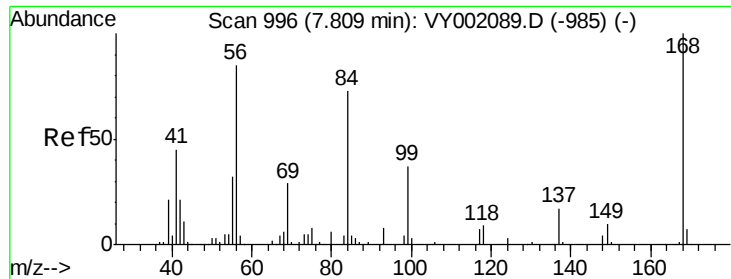
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

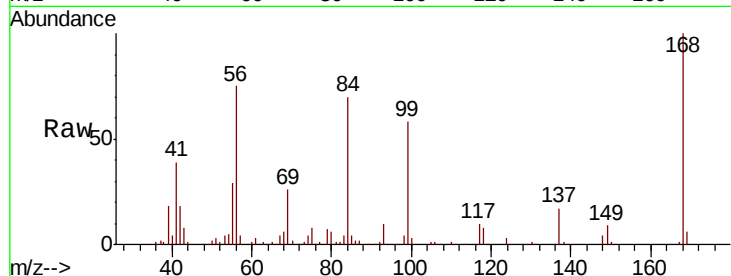
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 136775

Ion Ratio Lower Upper

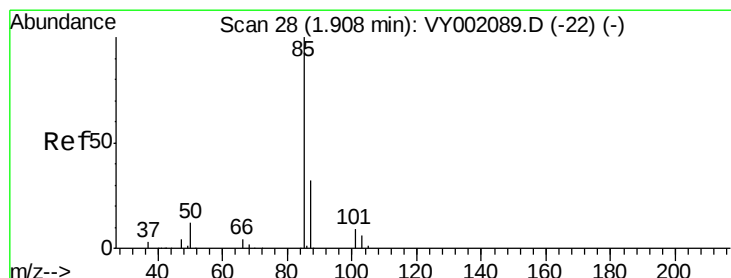
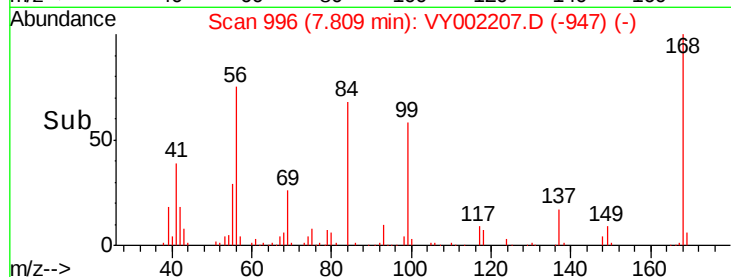
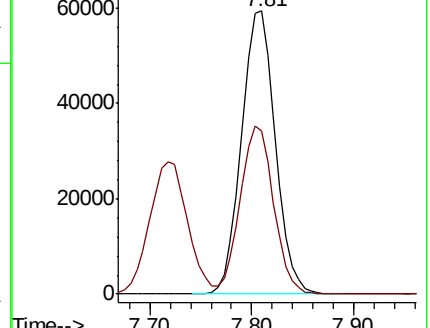
168 100

99 57.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 43.812 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002207.D

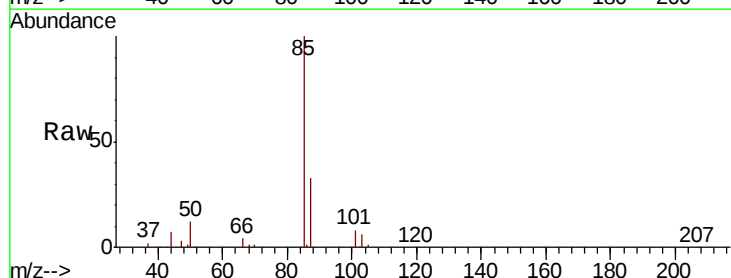
Acq: 02 Apr 2020 20:49

Tgt Ion: 85 Resp: 39331

Ion Ratio Lower Upper

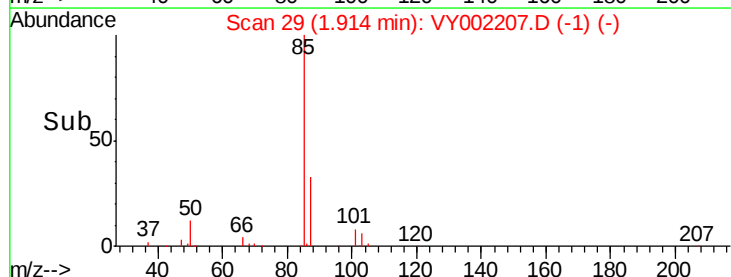
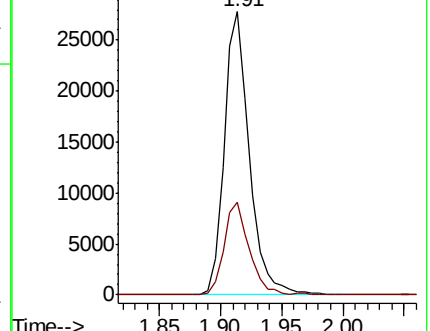
85 100

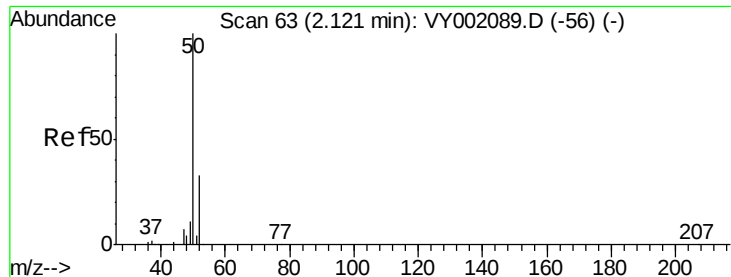
87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 42.420 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

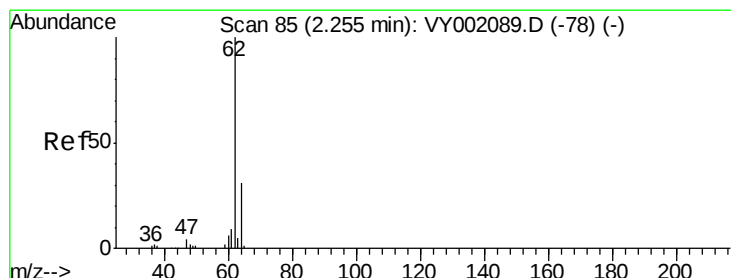
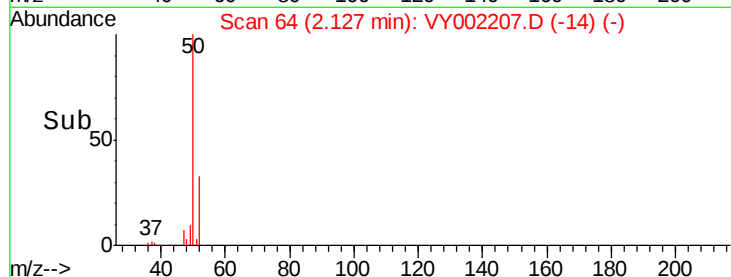
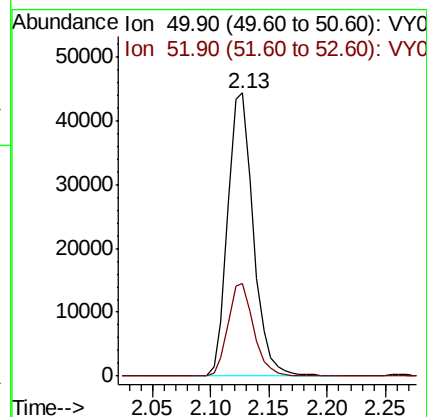
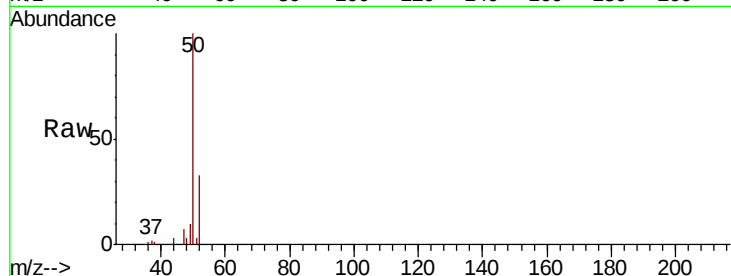
ClientSampleId :

Tot Ion: 50 Resp: 67804

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



#4

Vinyl Chloride

Concen: 43.766 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002207.D

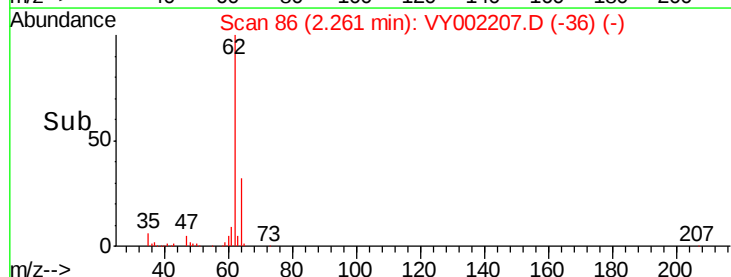
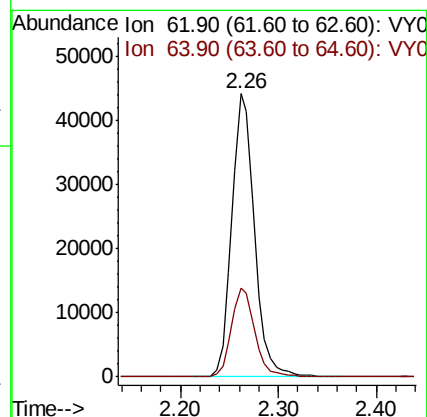
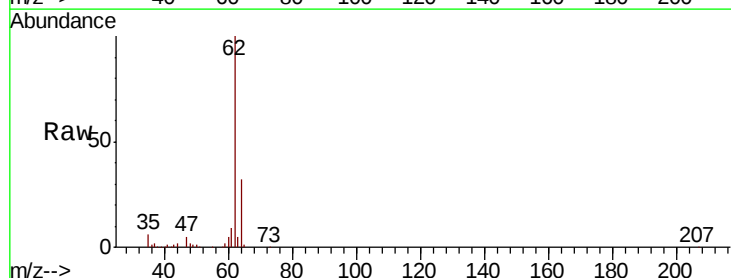
Acq: 02 Apr 2020 20:49

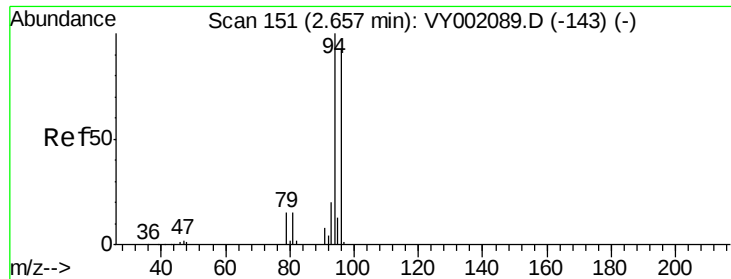
Tgt Ion: 62 Resp: 71147

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 50.002 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

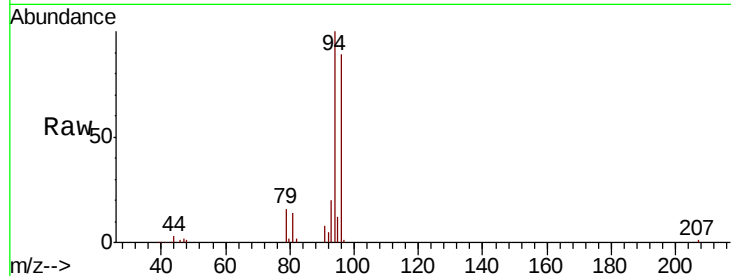
ClientSampleId :

Tot Ion: 94 Resp: 53047

Ion Ratio Lower Upper

94 100

96 89.1 74.1 111.1

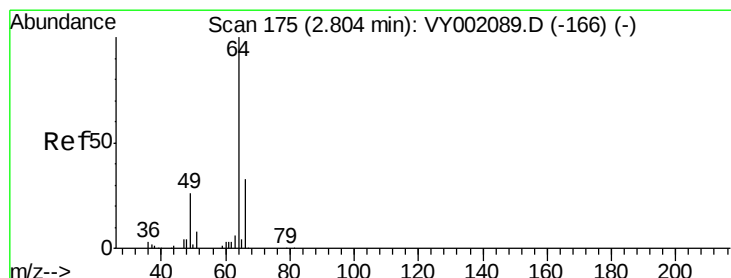
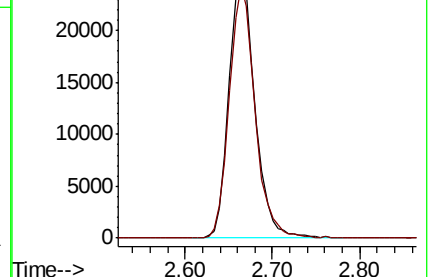
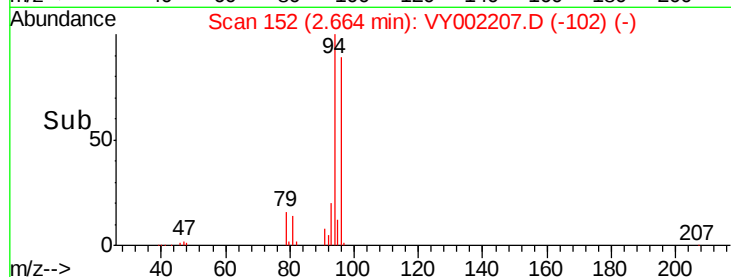


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

Time-->



#6

Chloroethane

Concen: 47.197 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002207.D

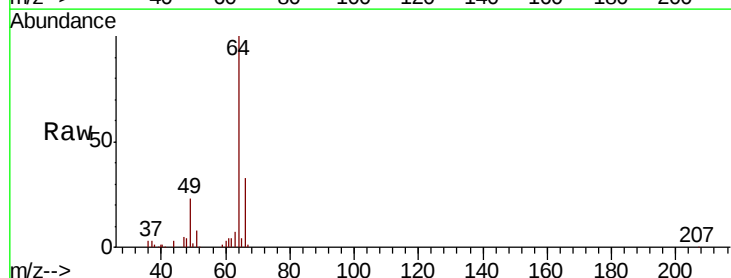
Acq: 02 Apr 2020 20:49

Tgt Ion: 64 Resp: 49266

Ion Ratio Lower Upper

64 100

66 32.8 26.6 39.8

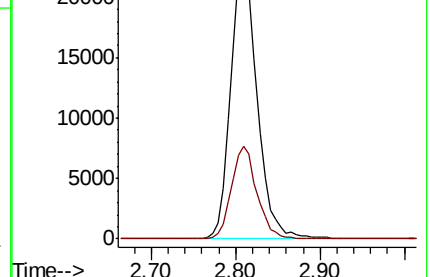
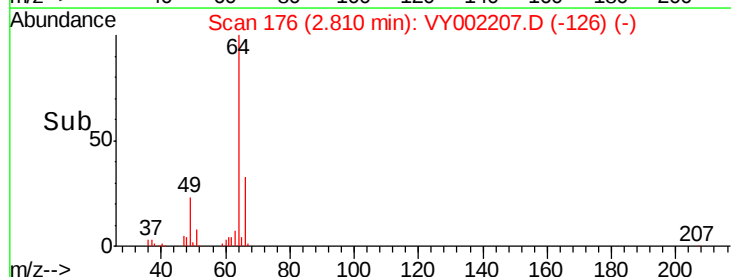


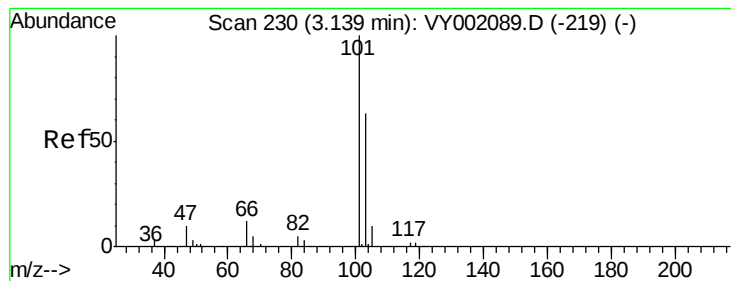
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

Time-->



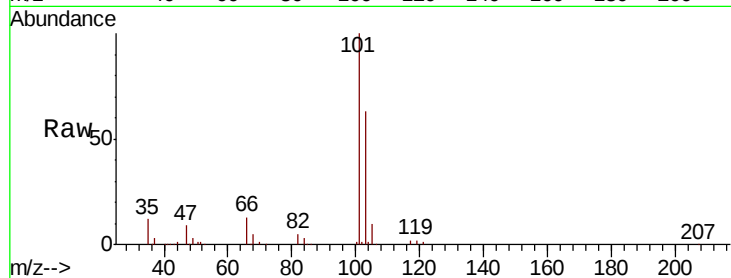


#7

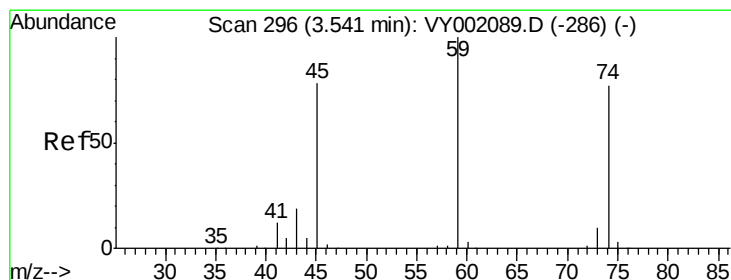
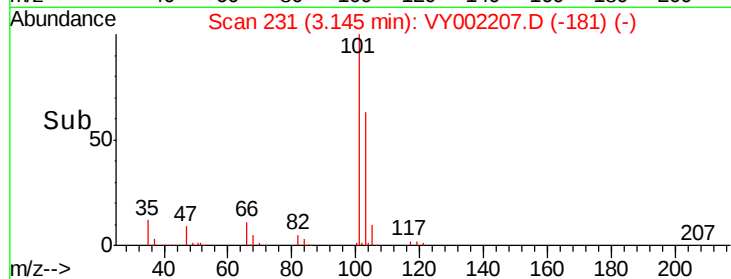
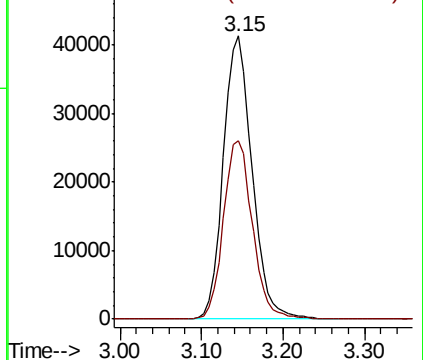
Trichlorofluoromethane
Concen: 45.107 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002207.D
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Instrument :
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Tot Ion:101 Resp: 100484
Ion Ratio Lower Upper
101 100
103 63.0 50.6 76.0



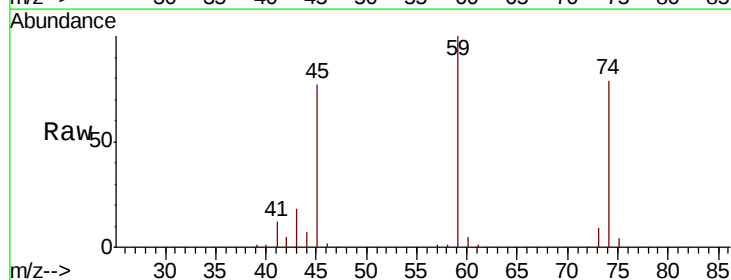
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



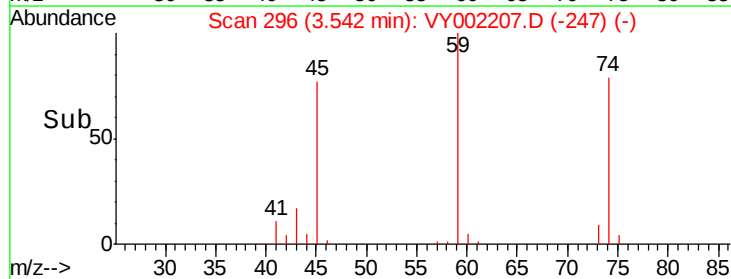
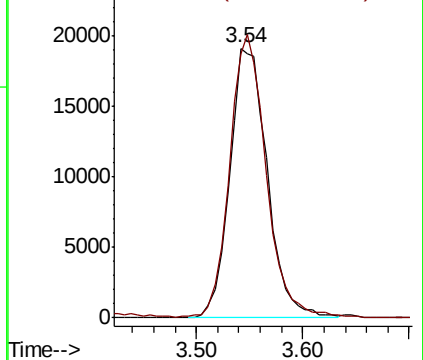
#8

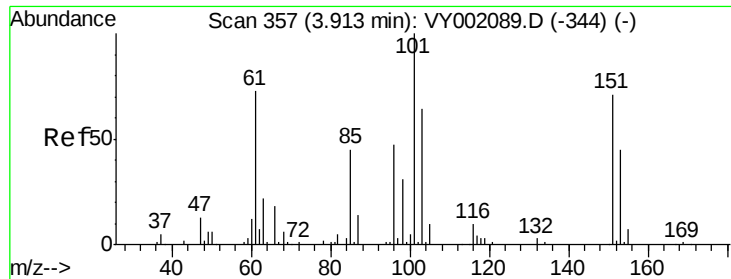
Diethyl Ether
Concen: 50.011 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.00 min
Lab File: VY002207.D
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Tgt Ion: 74 Resp: 47188
Ion Ratio Lower Upper
74 100
45 102.4 51.0 153.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.840 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

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ClientSampleId :

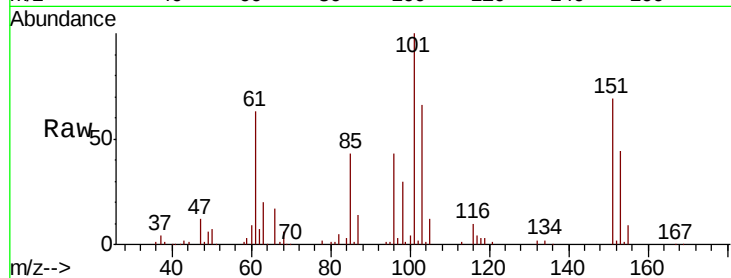
Tot Ion:101 Resp: 66999

Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

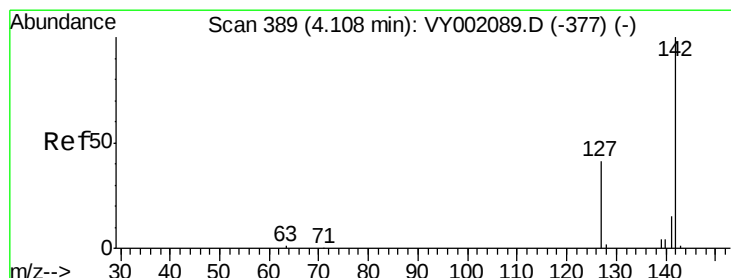
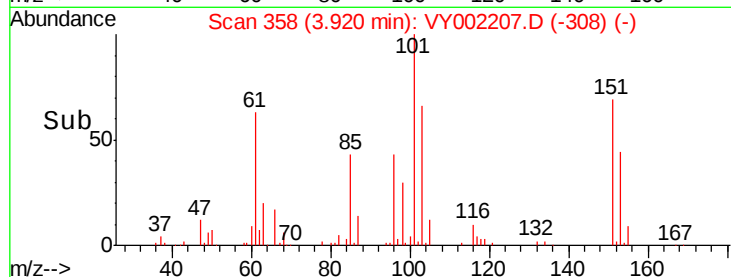
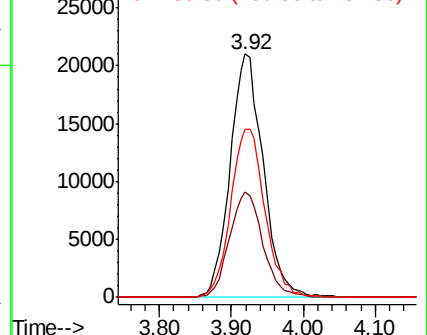
151 71.6 57.5 86.3



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: 44.248 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

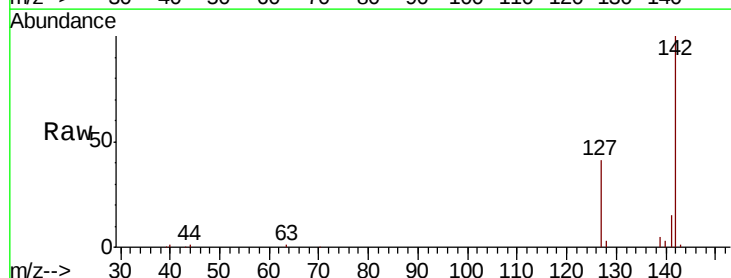
Tgt Ion:142 Resp: 76900

Ion Ratio Lower Upper

142 100

127 41.0 32.6 49.0

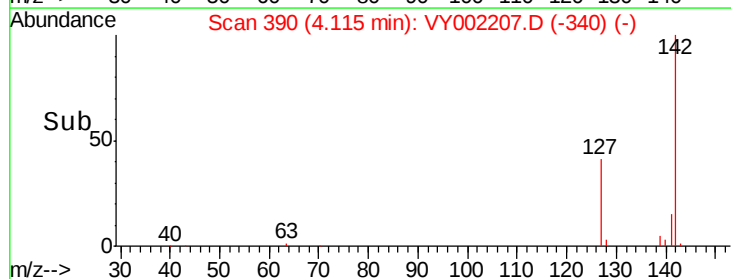
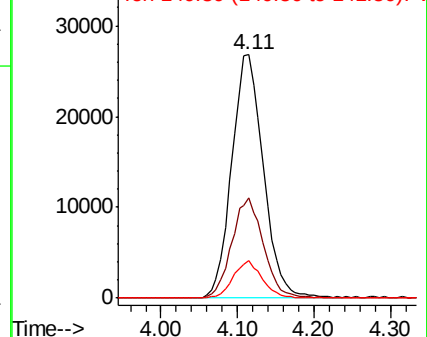
141 13.9 11.4 17.0

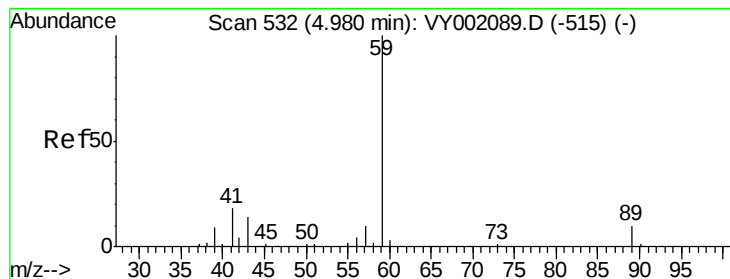


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



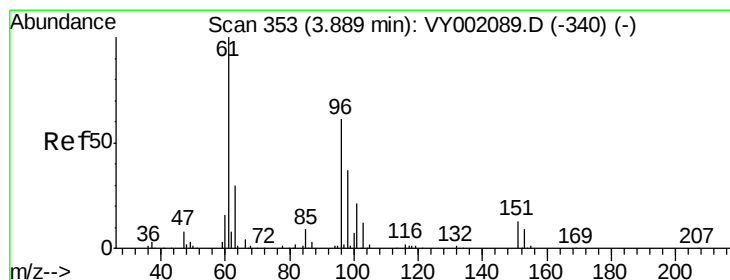
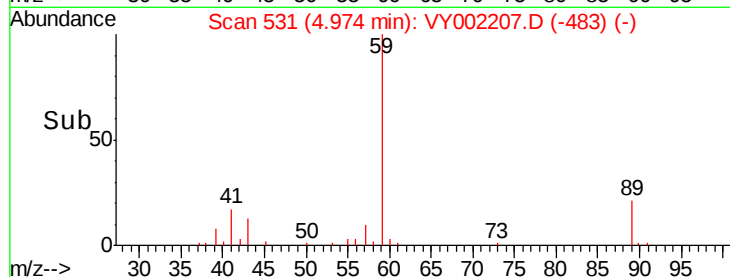
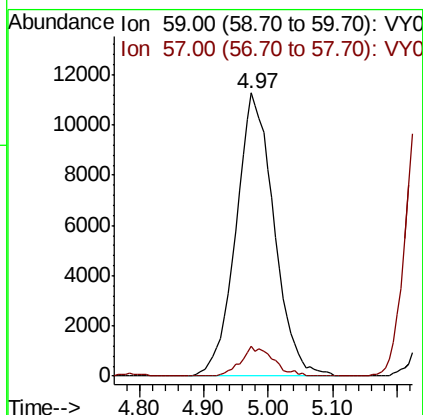
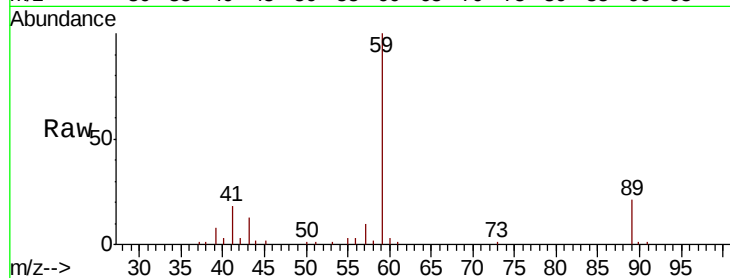


#11

Tert butyl alcohol
 Concen: 257.423 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :

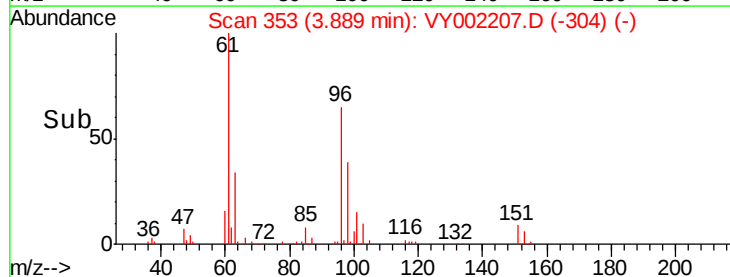
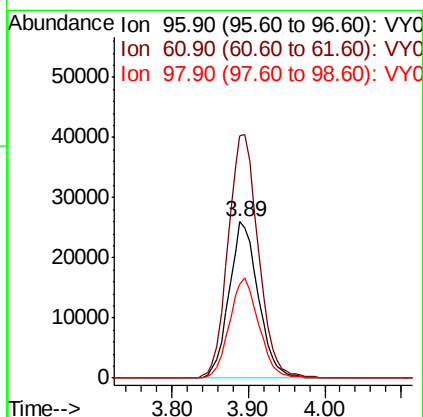
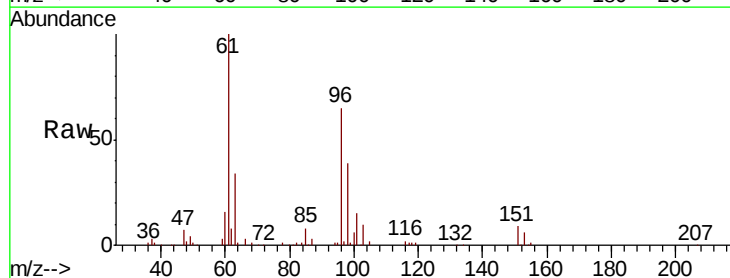
Tot Ion: 59 Resp: 45868
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.7 11.5

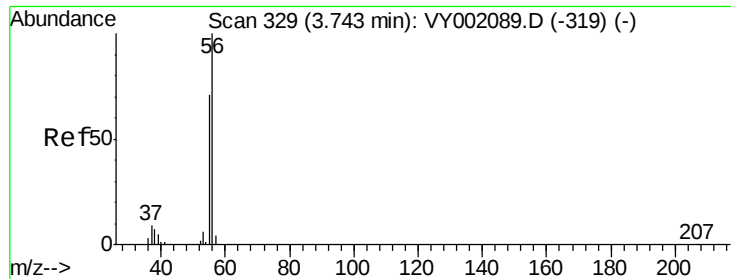


#12

1,1-Dichloroethene
 Concen: 46.414 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 96 Resp: 68884
 Ion Ratio Lower Upper
 96 100
 61 154.7 132.0 198.0
 98 60.2 49.4 74.0





#13

Acrolein

Concen: 220.589 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

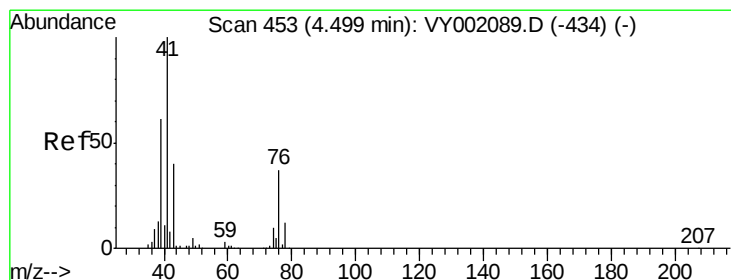
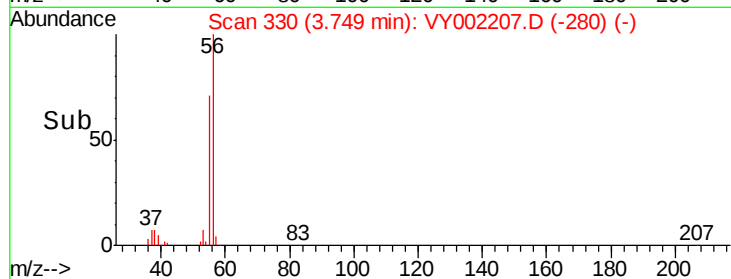
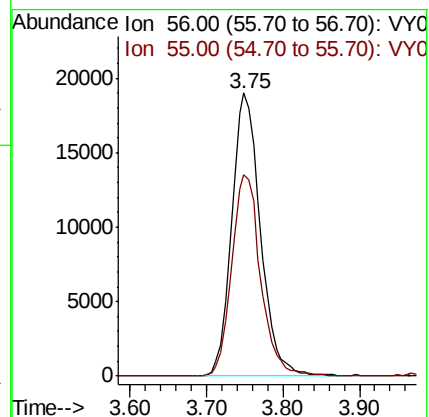
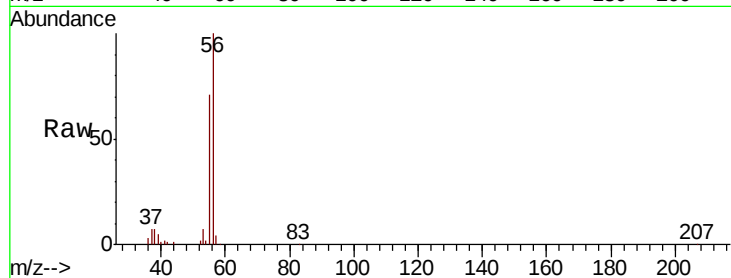
ClientSampleId :

Tot Ion: 56 Resp: 49125

Ion Ratio Lower Upper

56 100

55 72.0 56.5 84.7



#14

Allyl chloride

Concen: 47.490 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

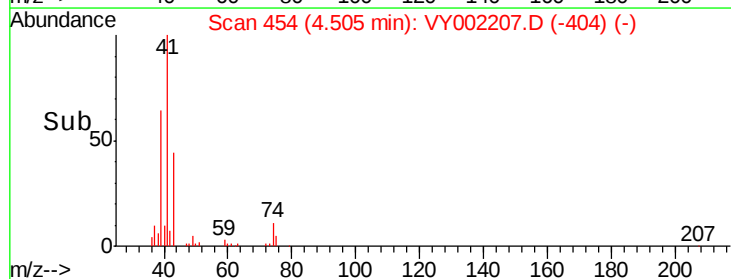
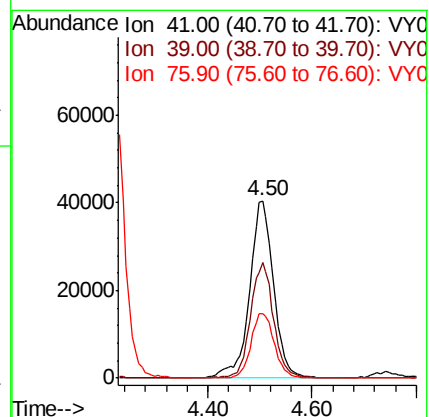
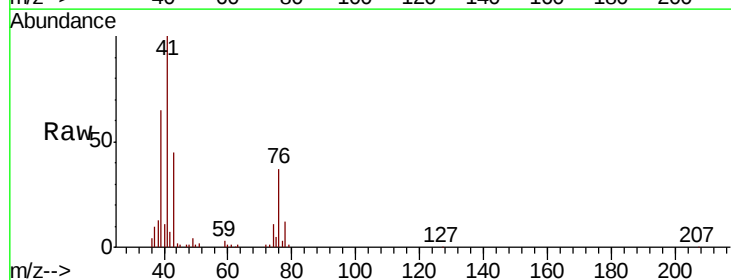
Tgt Ion: 41 Resp: 129026

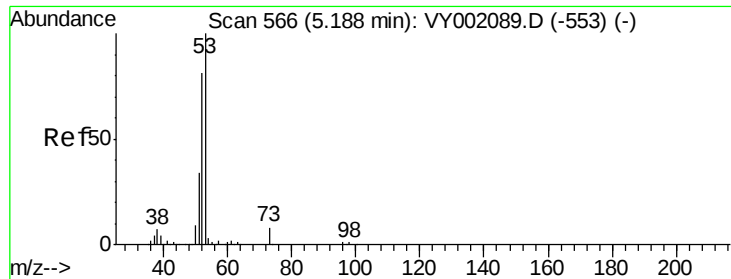
Ion Ratio Lower Upper

41 100

39 62.3 49.0 73.4

76 35.2 27.8 41.8





#15

Acrylonitrile

Concen: 266.992 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampled :

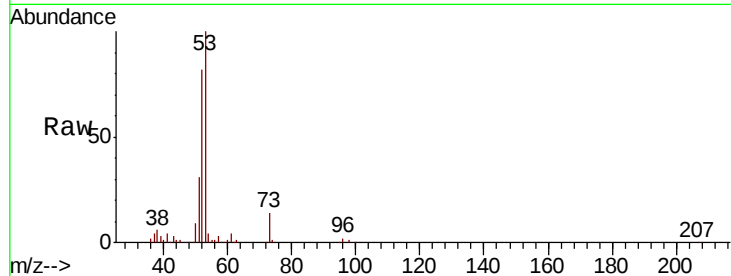
Tot Ion: 53 Resp: 132040

Ion Ratio Lower Upper

53 100

52 81.3 64.6 97.0

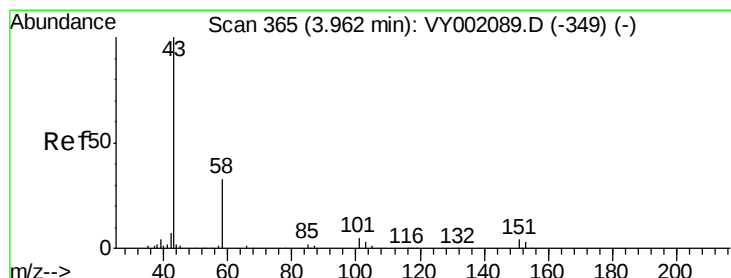
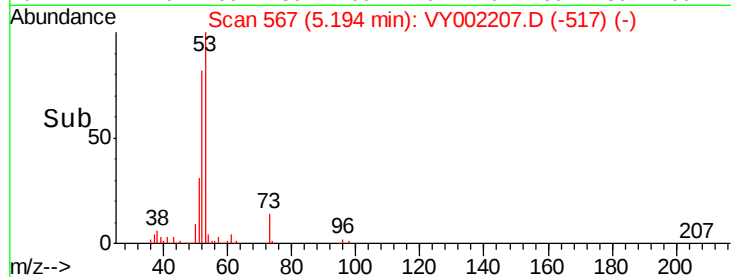
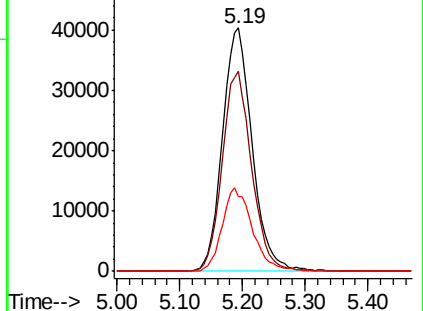
51 34.9 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002207.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002207.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002207.D (-553) (-)



#16

Acetone

Concen: 215.882 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002207.D

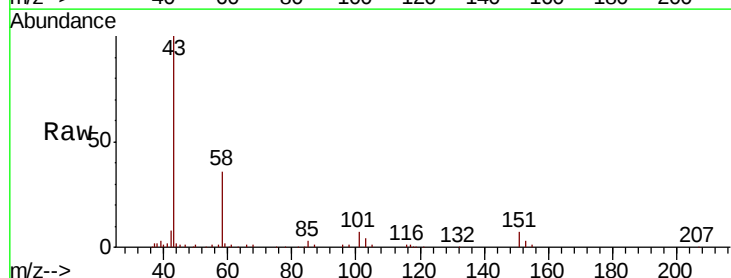
Acq: 02 Apr 2020 20:49

Tgt Ion: 43 Resp: 91706

Ion Ratio Lower Upper

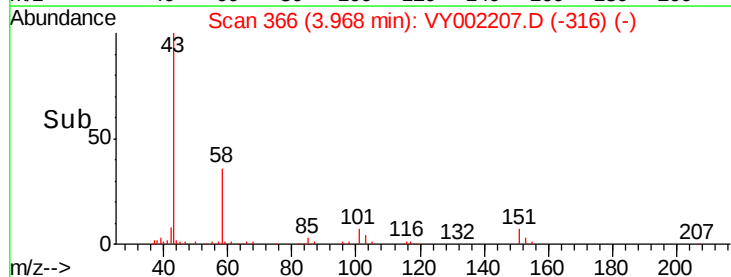
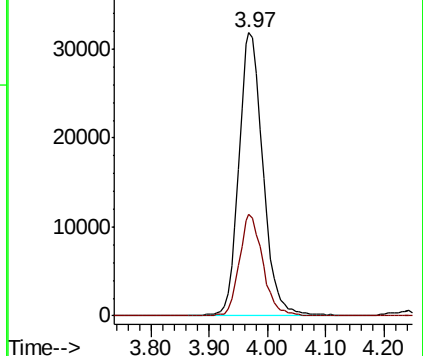
43 100

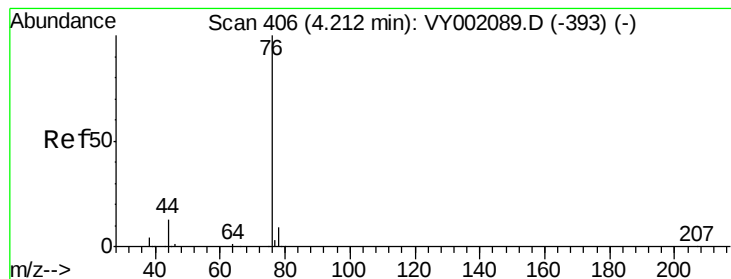
58 35.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002207.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002207.D (-349) (-)





#17

Carbon Disulfide

Concen: 44.746 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

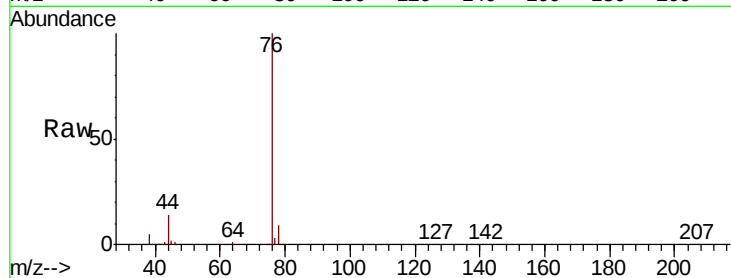
ClientSampleId :

Tot Ion: 76 Resp: 220385

Ion Ratio Lower Upper

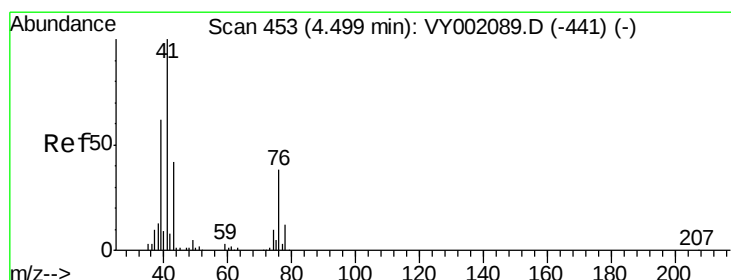
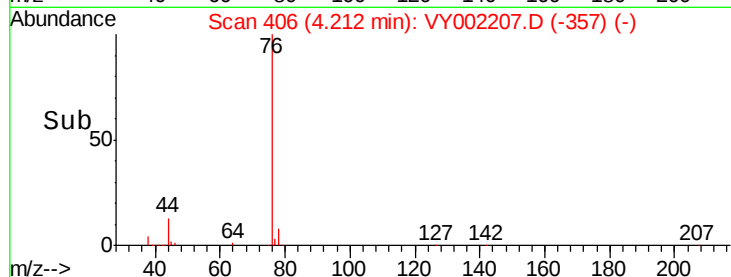
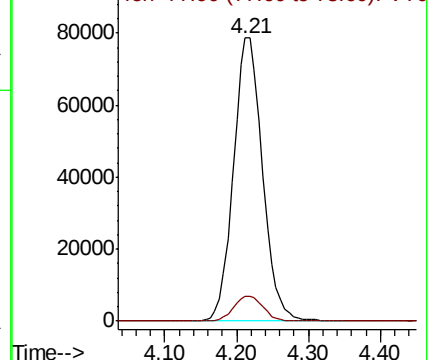
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 51.274 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002207.D

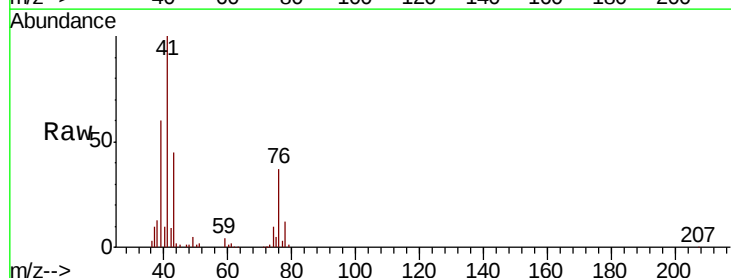
Acq: 02 Apr 2020 20:49

Tgt Ion: 43 Resp: 56559

Ion Ratio Lower Upper

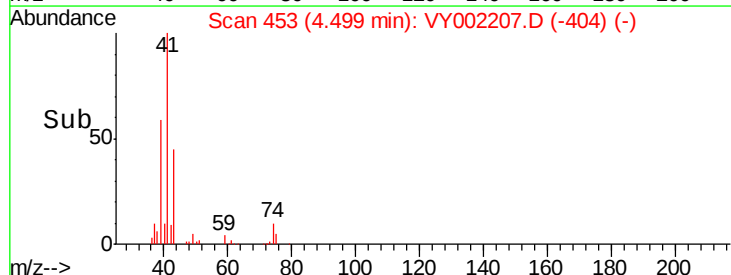
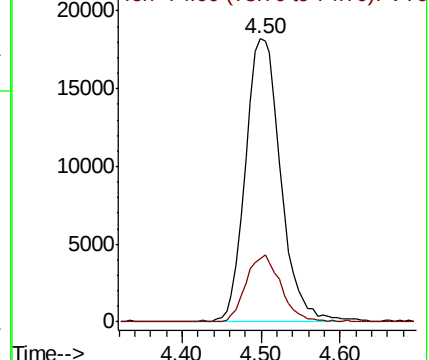
43 100

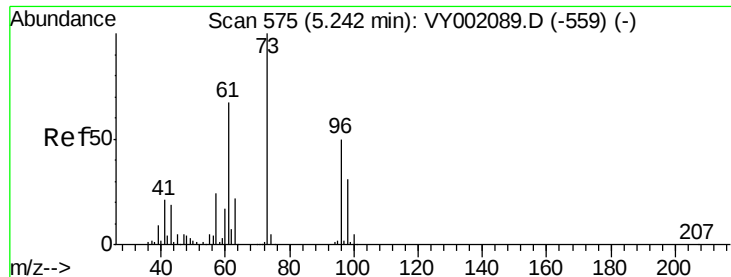
74 23.5 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

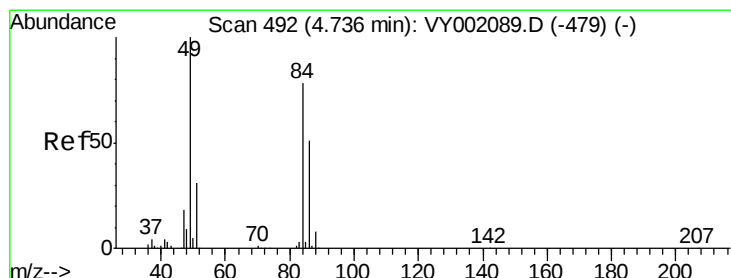
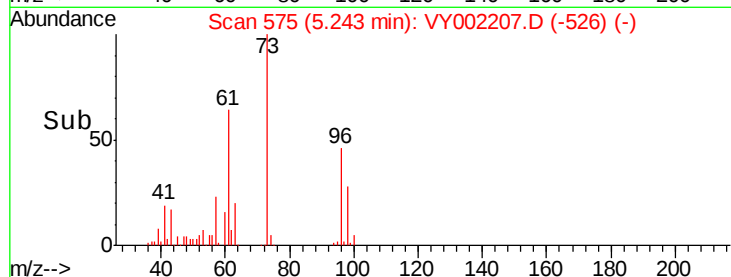
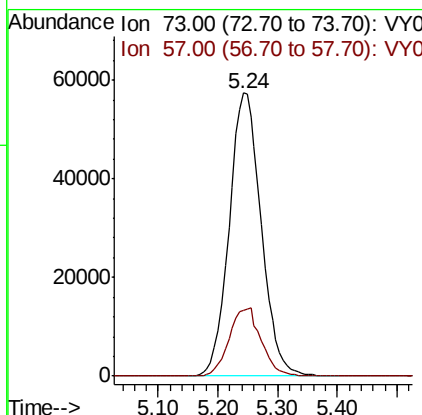
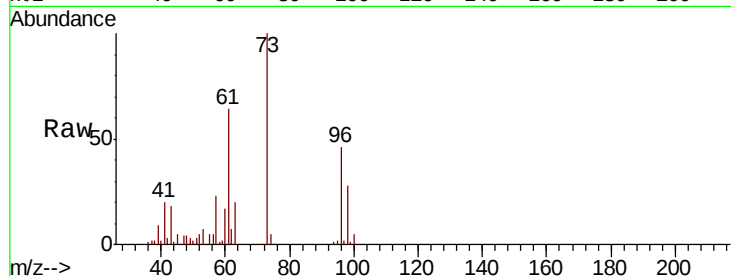




#19
Methvl tert-butvl Ether
Concen: 51.556 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

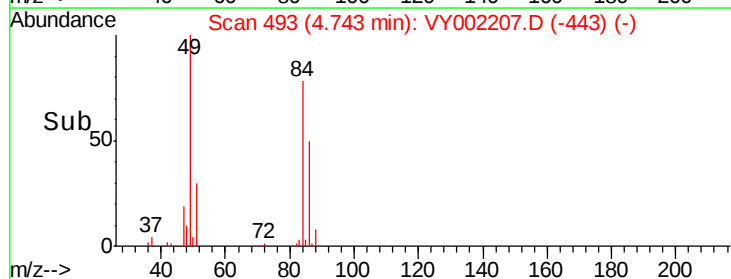
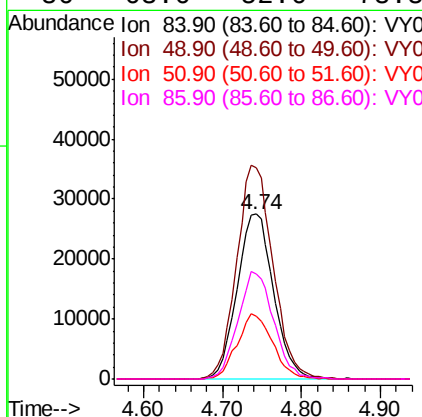
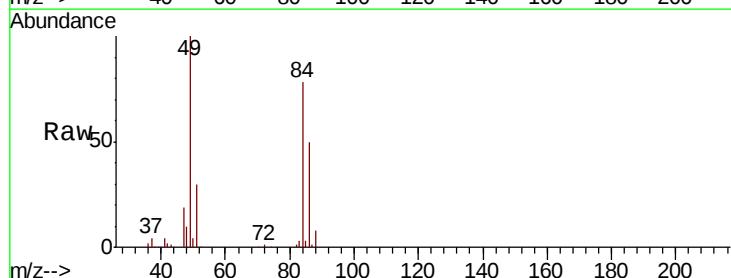
Instrument :
MSVOA_Y
ClientSampleId :

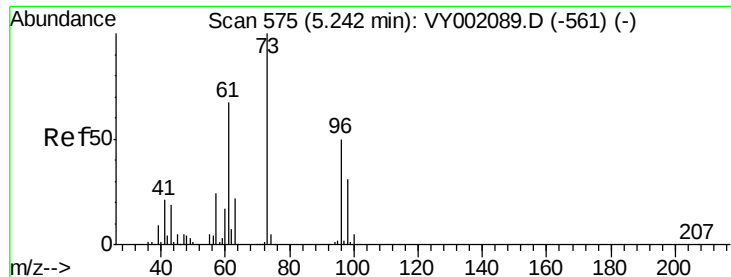
Tot Ion: 73 Resp: 213453
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.6



#20
Methylene Chloride
Concen: 50.312 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 84 Resp: 88430
Ion Ratio Lower Upper
84 100
49 127.7 102.2 153.4
51 38.4 31.2 46.8
86 63.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.038 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

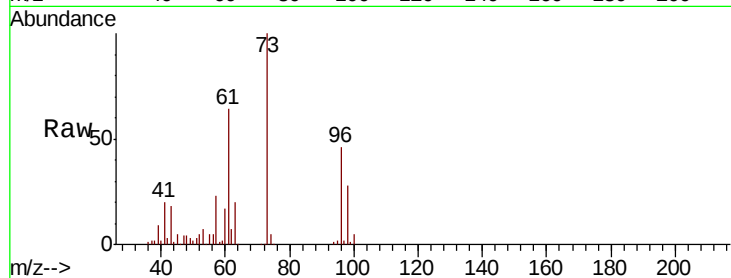
Tot Ion: 96 Resp: 81175

Ion Ratio Lower Upper

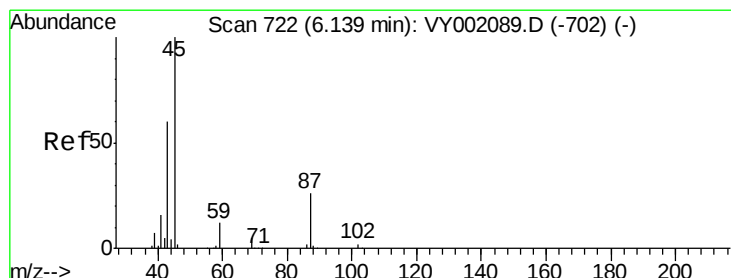
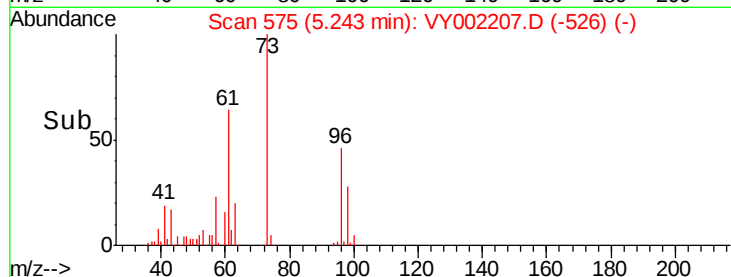
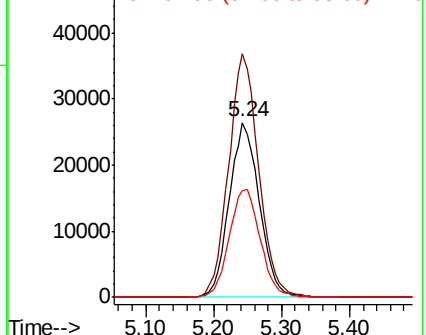
96 100

61 139.1 107.7 161.5

98 61.0 50.5 75.7



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



#22

Diisopropyl ether

Concen: 50.320 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion: 45 Resp: 279787

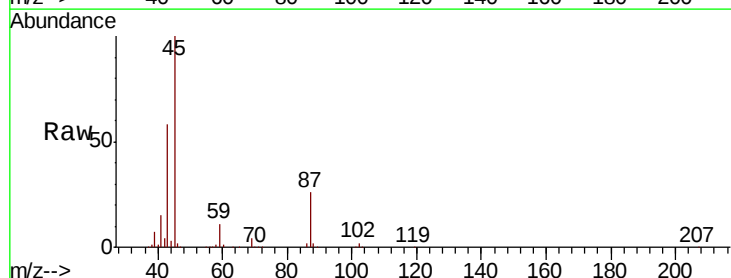
Ion Ratio Lower Upper

45 100

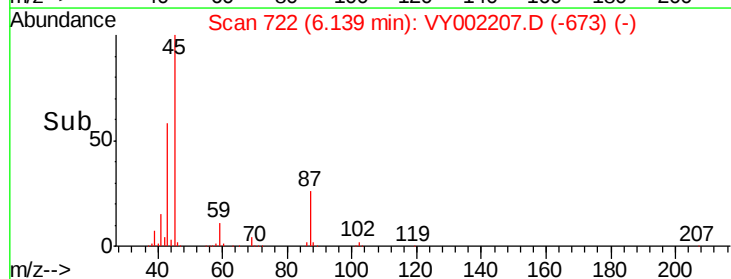
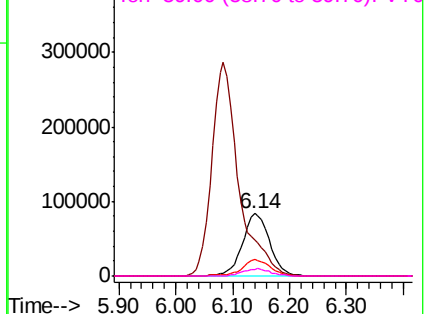
43 57.9 48.1 72.1

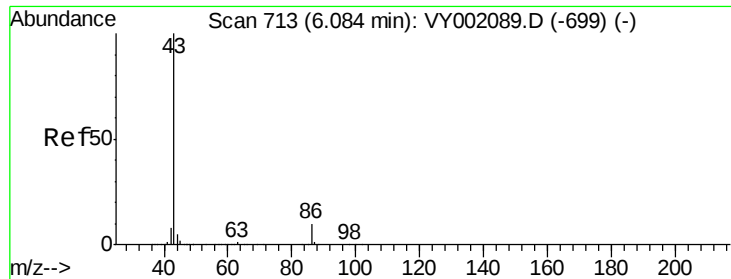
87 26.3 21.1 31.7

59 11.2 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 257.781 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

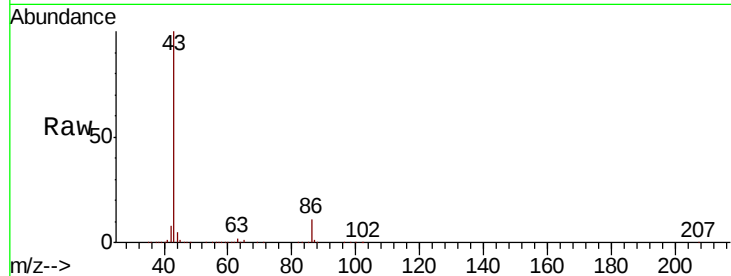
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 939868

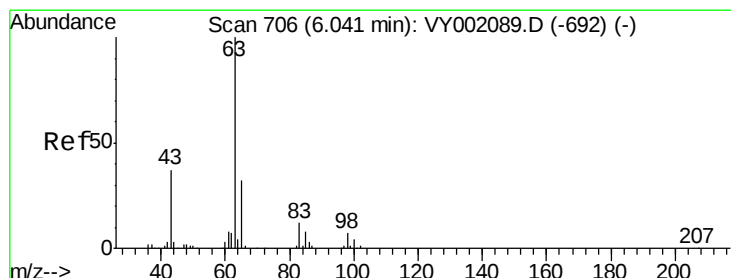
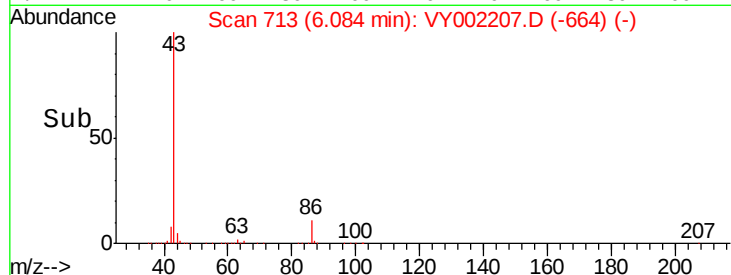
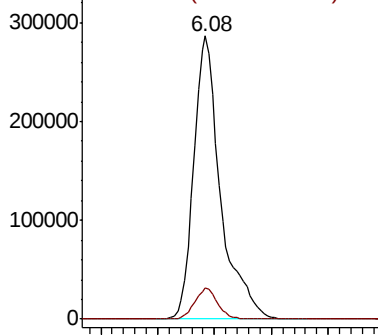
Ion Ratio Lower Upper

43 100

86 11.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.327 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

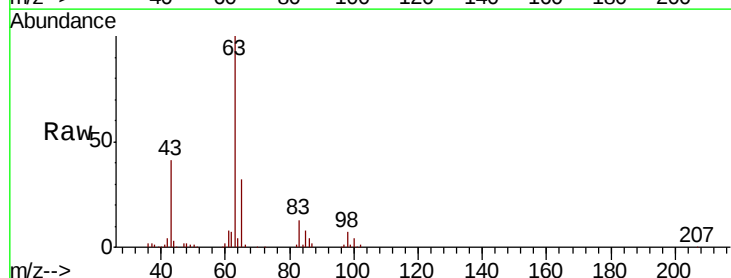
Tgt Ion: 63 Resp: 145824

Ion Ratio Lower Upper

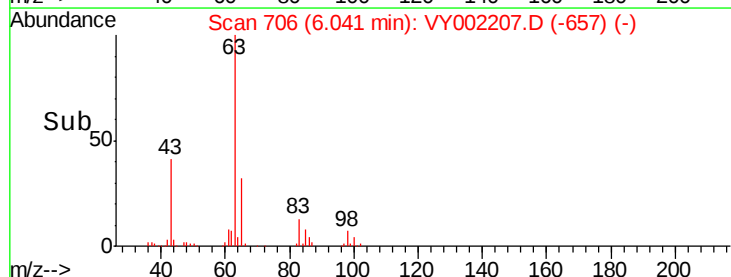
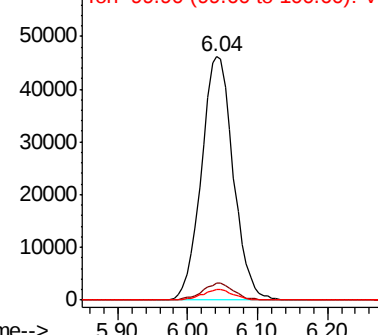
63 100

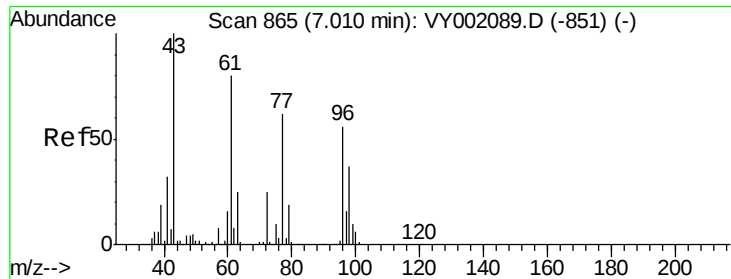
98 7.2 3.3 9.9

100 4.1 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 250.206 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

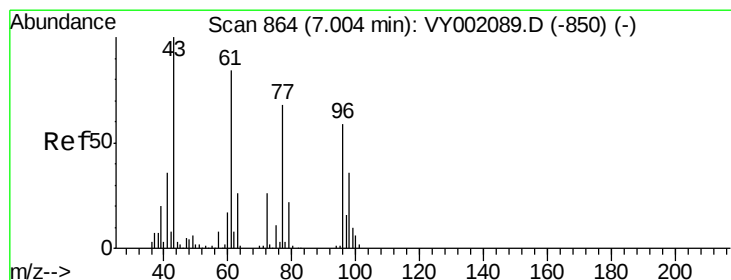
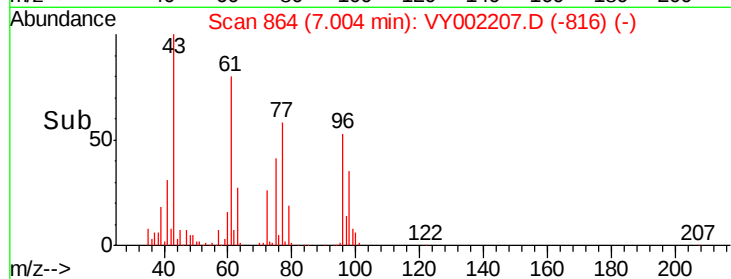
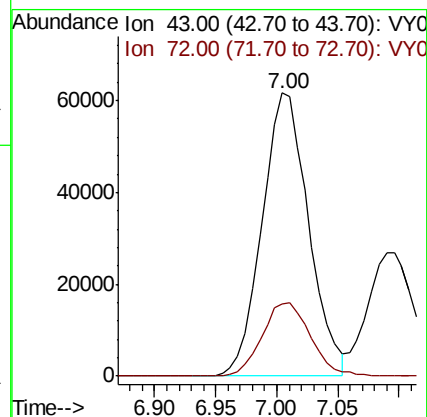
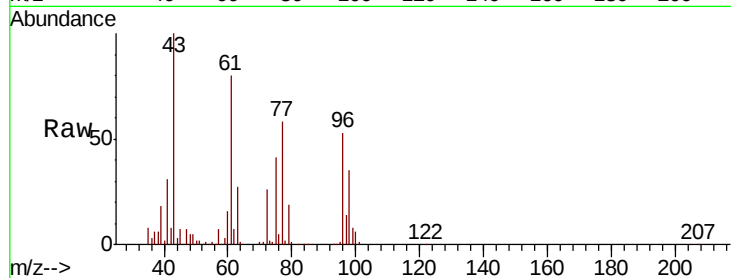
ClientSampled :

Tot Ion: 43 Resp: 163204

Ion Ratio Lower Upper

43 100

72 25.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 45.295 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002207.D

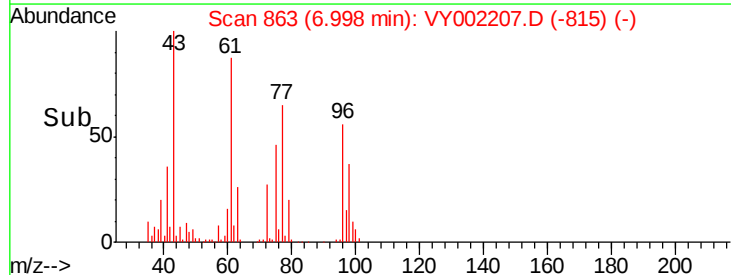
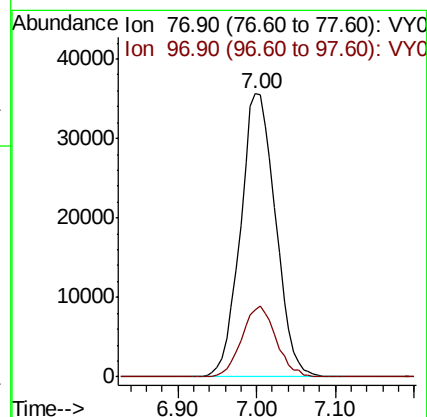
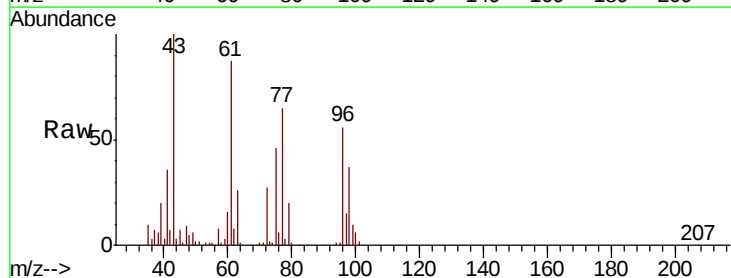
Acq: 02 Apr 2020 20:49

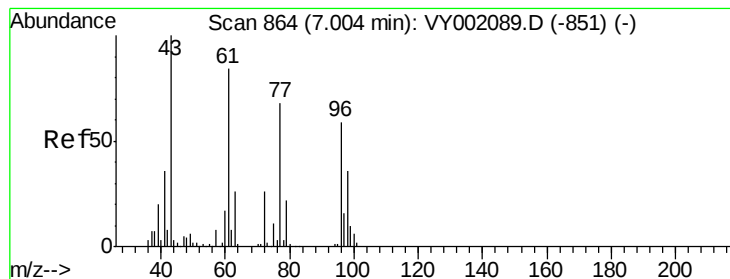
Tgt Ion: 77 Resp: 110282

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.1



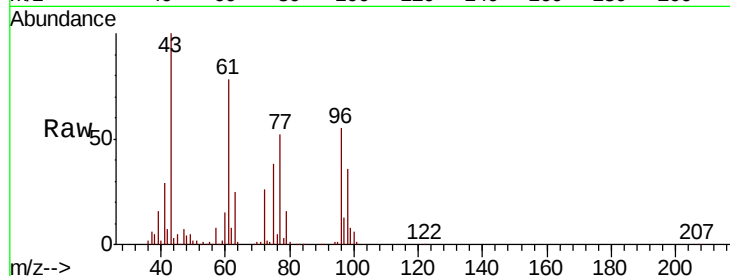


#27

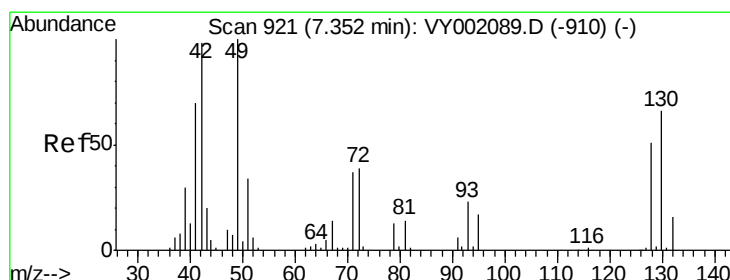
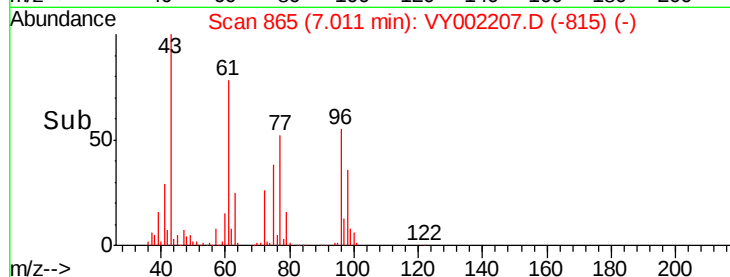
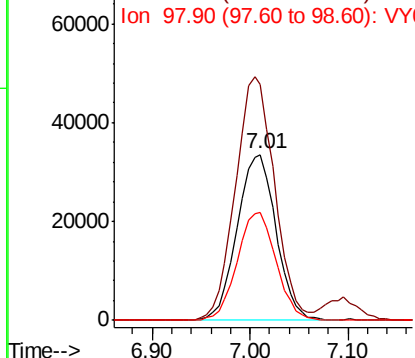
cis-1,2-Dichloroethene
 Concen: 49.830 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 92636
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 290.6
 98 65.0 0.0 128.0



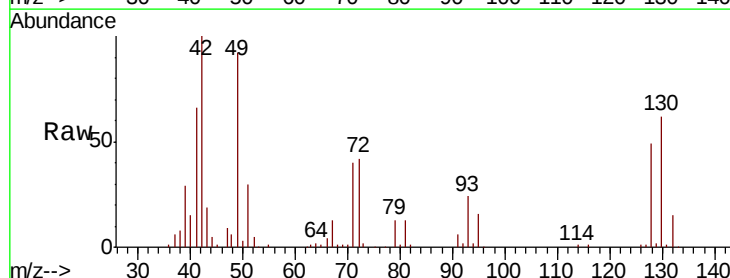
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



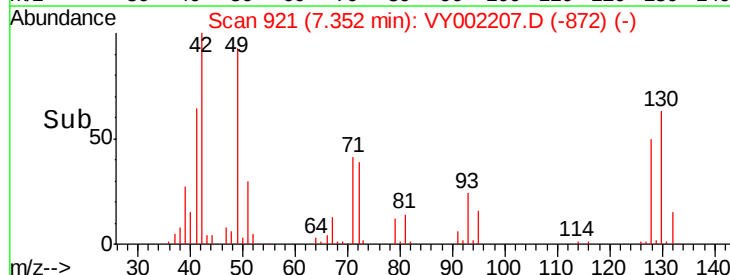
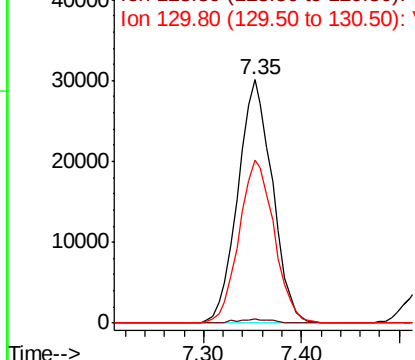
#28

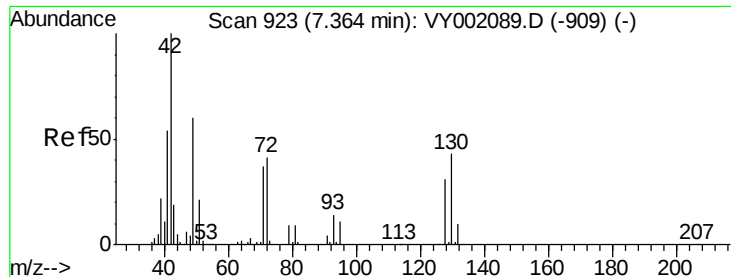
Bromochloromethane
 Concen: 54.615 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 49 Resp: 73711
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 68.0 54.1 81.1



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

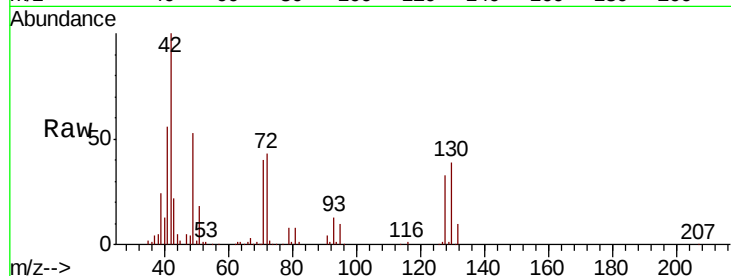




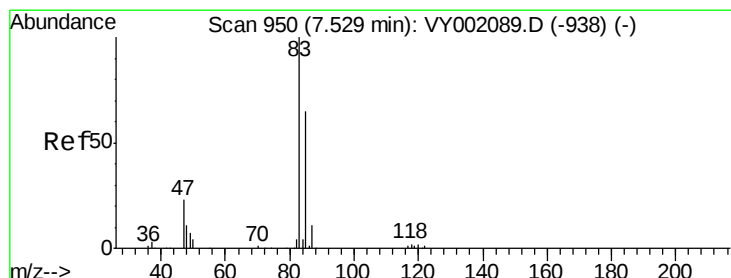
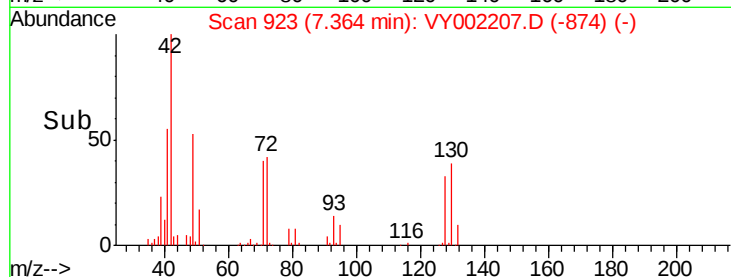
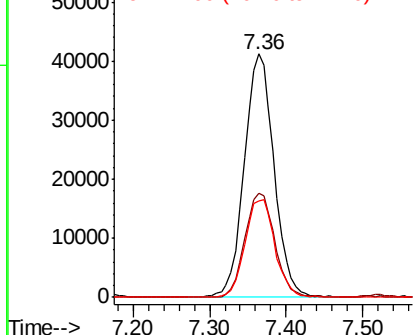
#29
Tetrahydrofuran
Concen: 260.484 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 111398
Ion Ratio Lower Upper
42 100
72 43.0 33.0 49.4
71 40.3 31.2 46.8

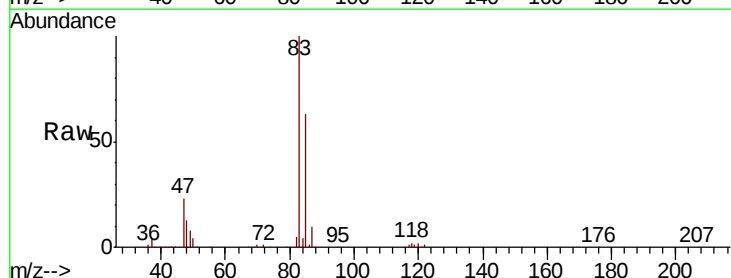


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

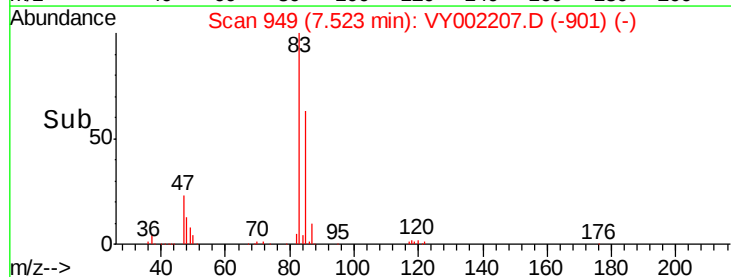
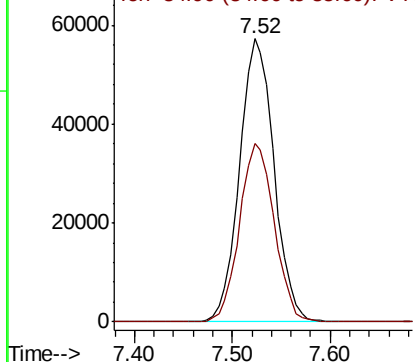


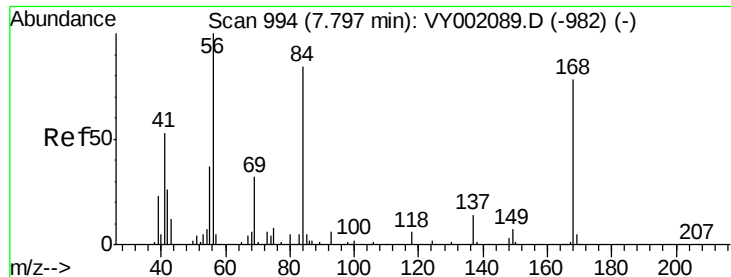
#30
Chloroform
Concen: 49.862 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 83 Resp: 139722
Ion Ratio Lower Upper
83 100
85 63.2 52.4 78.6



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

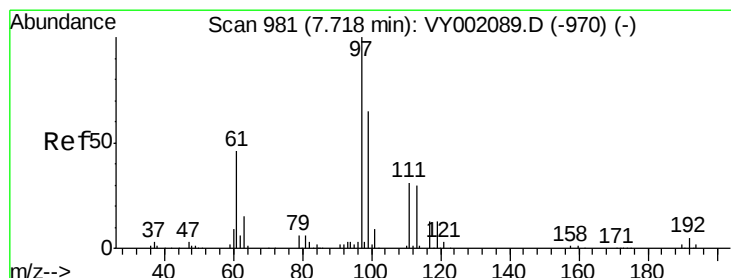
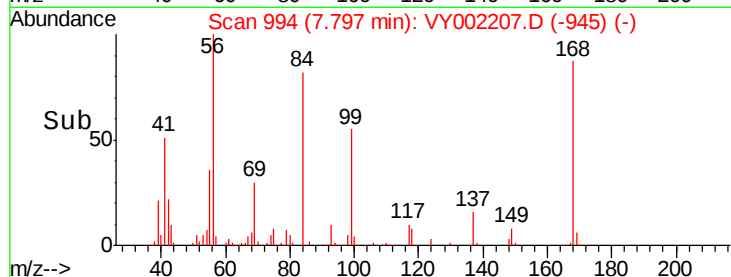
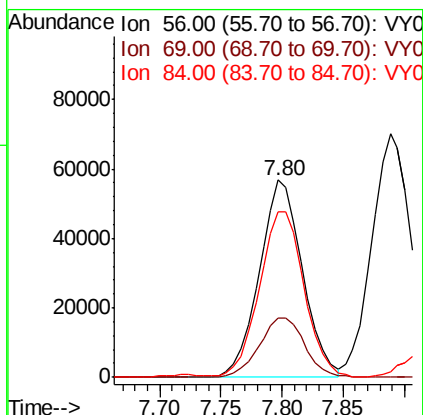
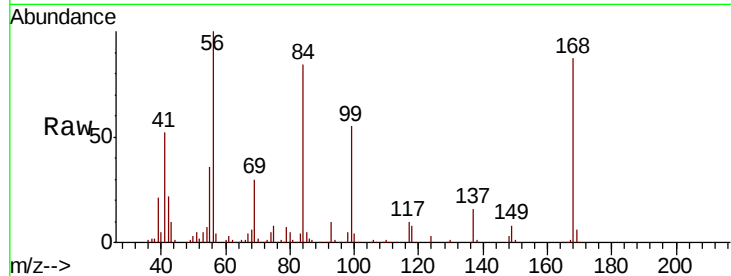




#31
Cyclohexane
Concen: 44.219 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

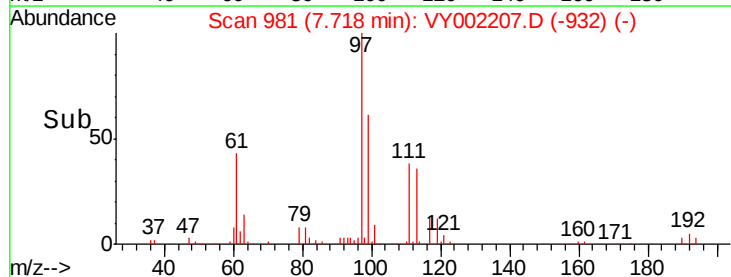
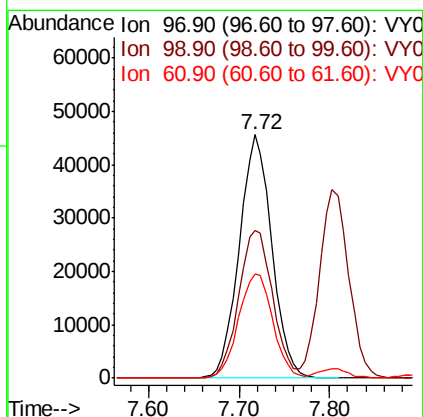
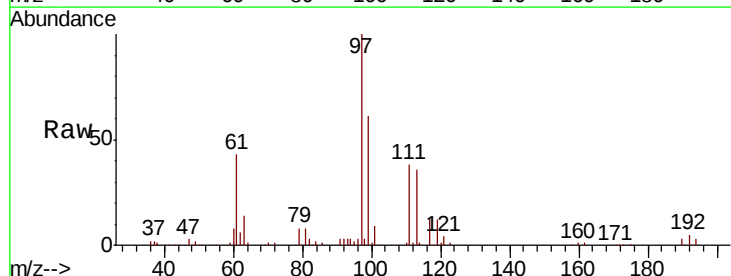
Instrument :
MSVOA_Y
ClientSampled :

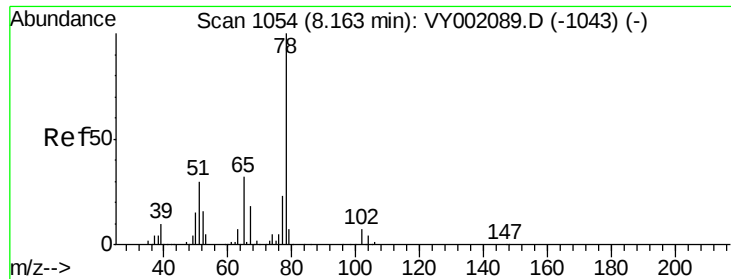
Tot Ion: 56 Resp: 139295
Ion Ratio Lower Upper
56 100
69 30.3 25.8 38.8
84 82.6 67.1 100.7



#32
1,1,1-Trichloroethane
Concen: 48.491 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 97 Resp: 113450
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 44.8 35.7 53.5

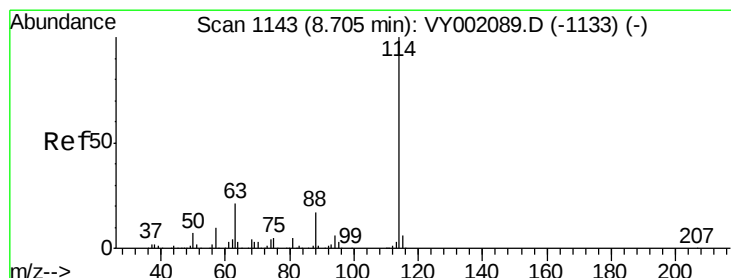
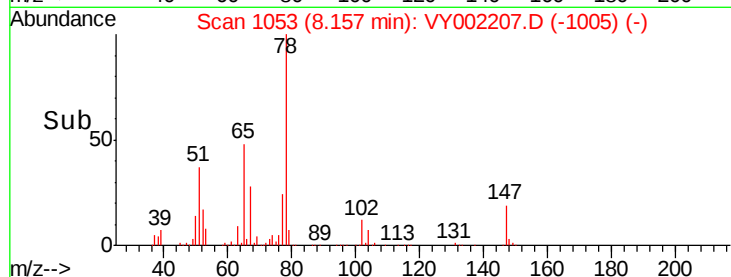
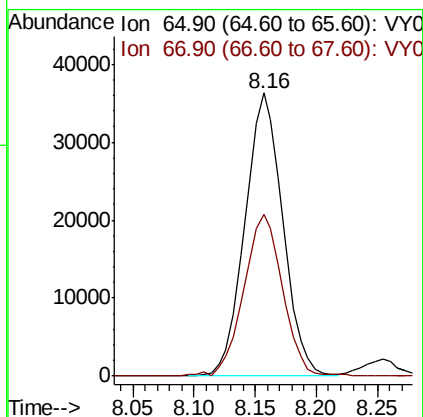
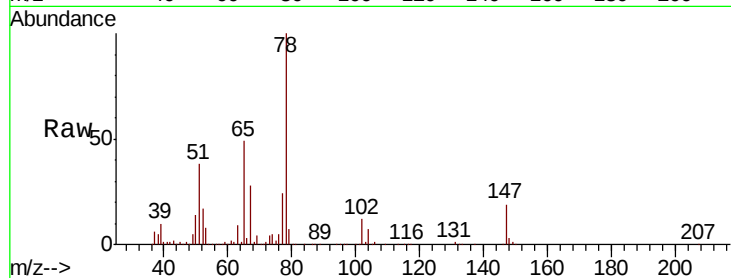




#33
 1,2-Dichloroethane-d4
 Concen: 51.722 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

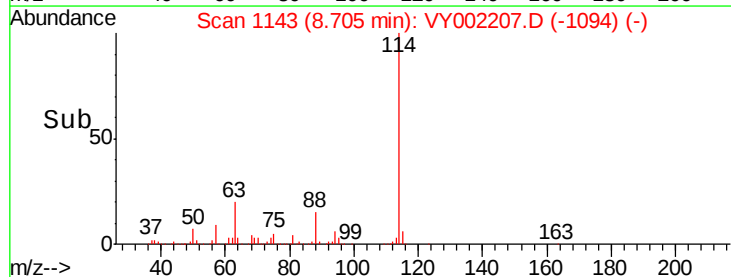
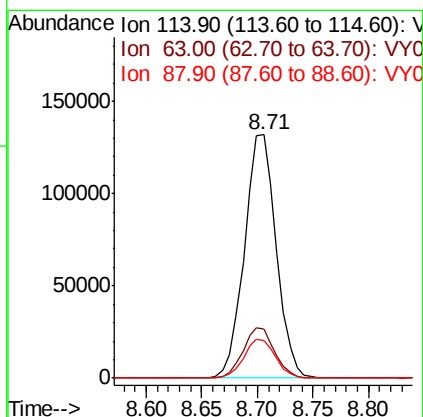
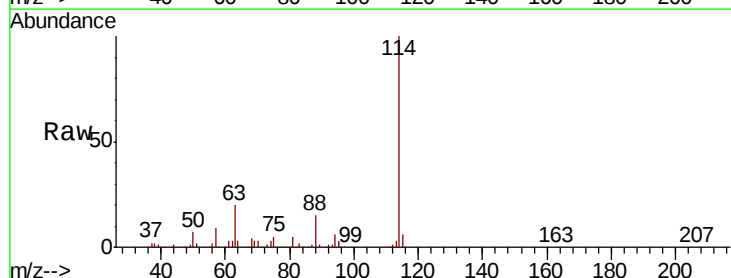
Instrument :
 MSVOA_Y
 ClientSampleId :

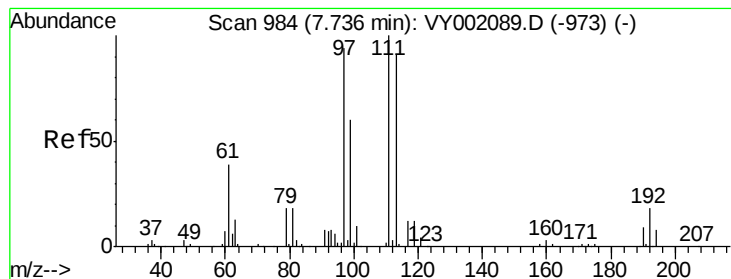
Tot Ion: 65 Resp: 78204
 Ion Ratio Lower Upper
 65 100
 67 58.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 114 Resp: 261509
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.447 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

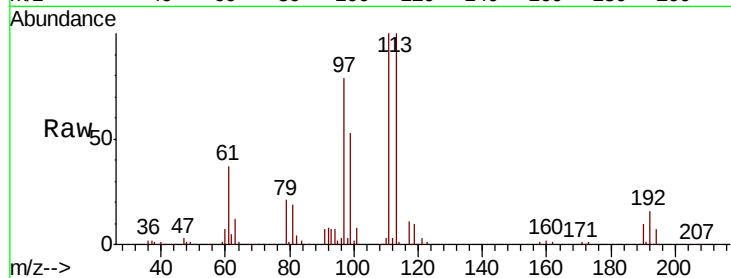
Tot Ion:113 Resp: 73918

Ion Ratio Lower Upper

113 100

111 101.7 84.4 126.6

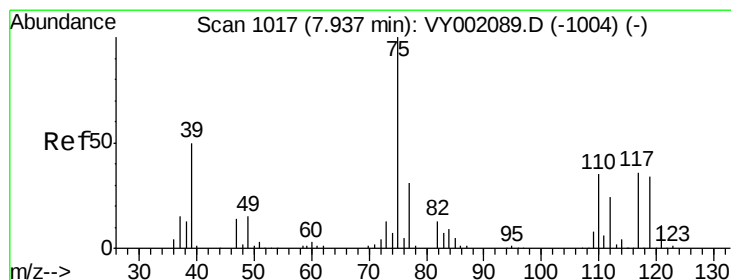
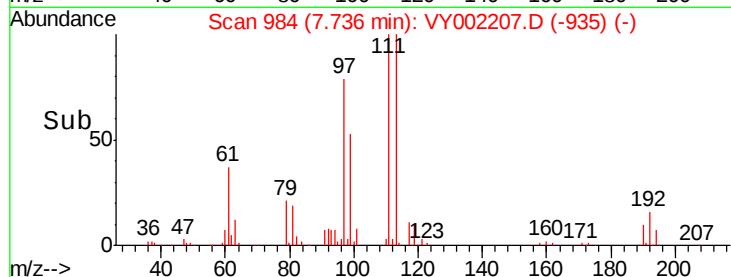
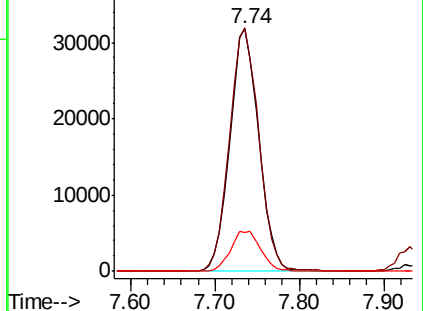
192 17.2 14.6 21.8



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: 45.241 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

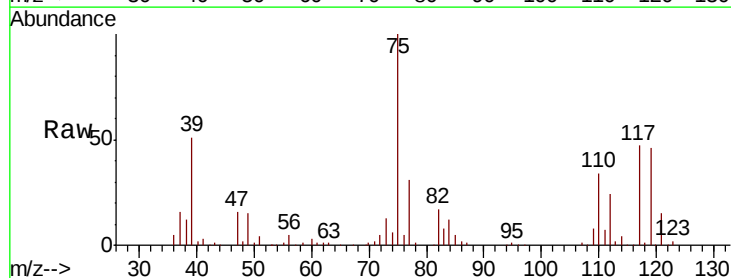
Tgt Ion: 75 Resp: 111905

Ion Ratio Lower Upper

75 100

110 34.9 17.2 51.6

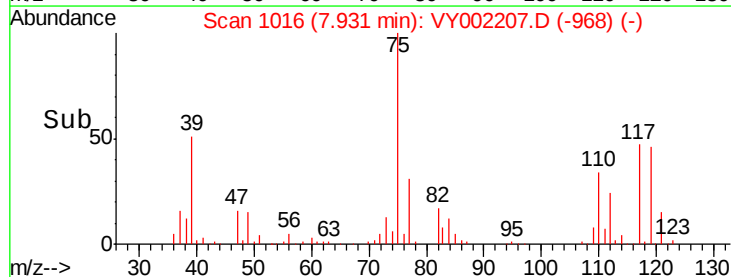
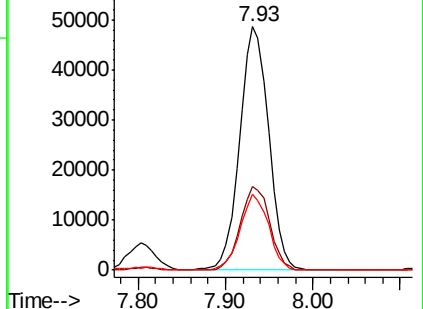
77 30.8 24.7 37.1

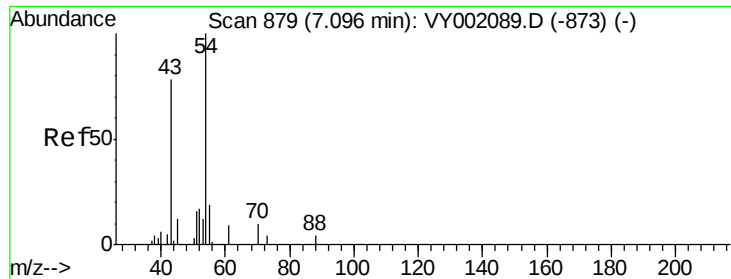


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

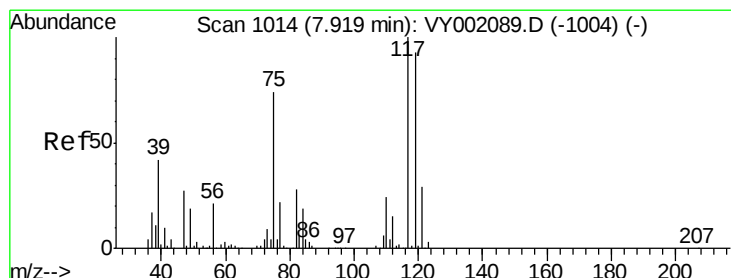
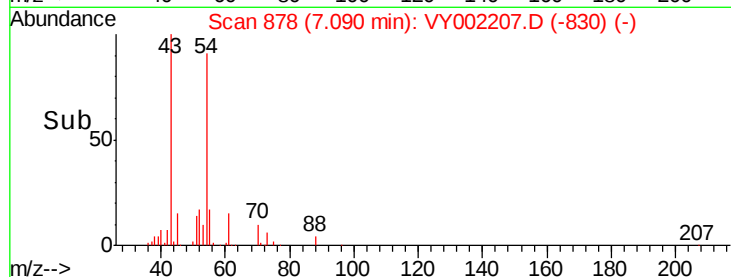
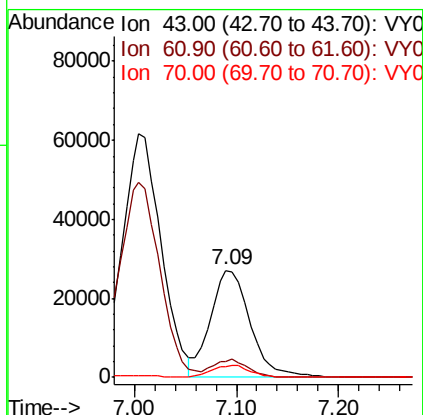
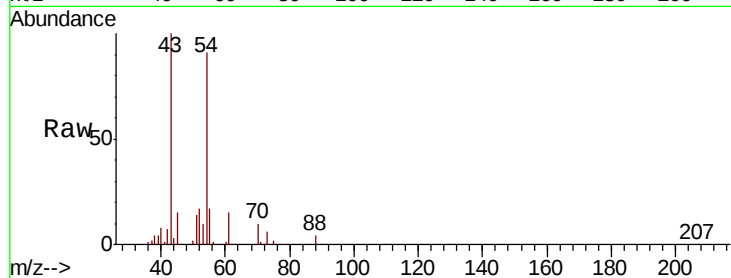




#37
Ethyl Acetate
Concen: 48.902 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

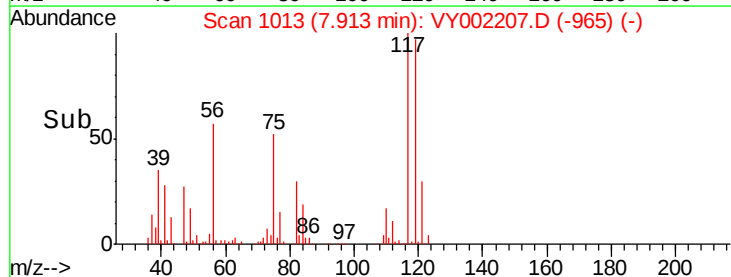
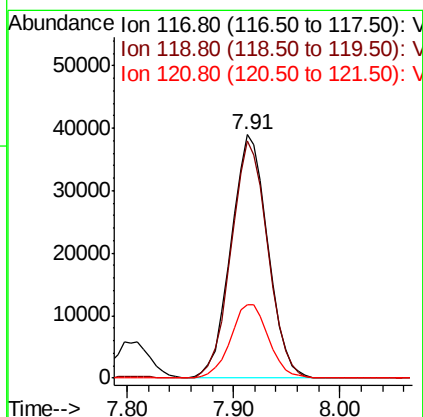
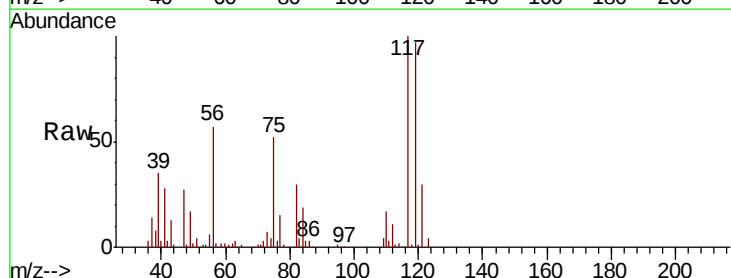
Instrument :
MSVOA_Y
ClientSampleId :

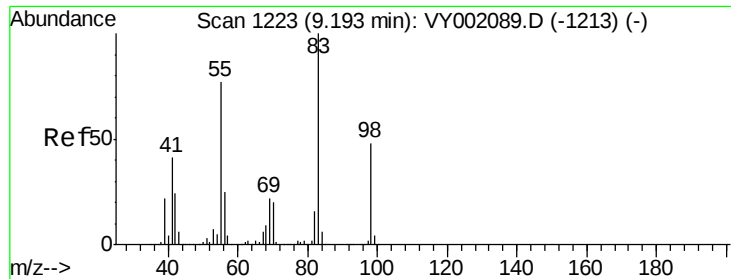
Tot Ion: 43 Resp: 73096
Ion Ratio Lower Upper
43 100
61 14.8 11.2 16.8
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 45.081 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 117 Resp: 94605
Ion Ratio Lower Upper
117 100
119 97.3 74.3 111.5
121 30.1 23.3 34.9

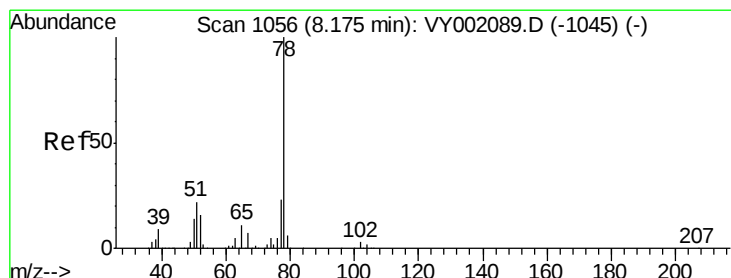
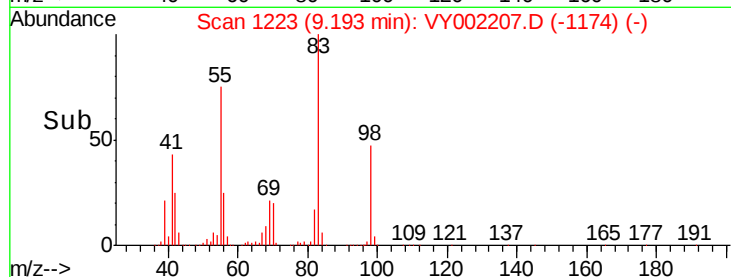
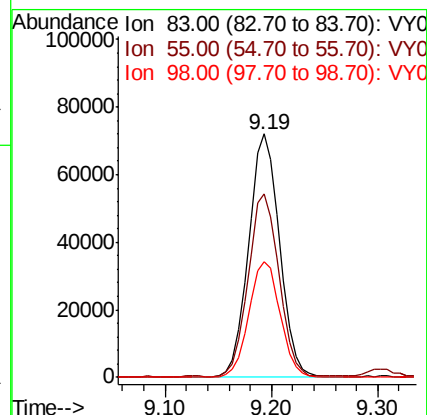
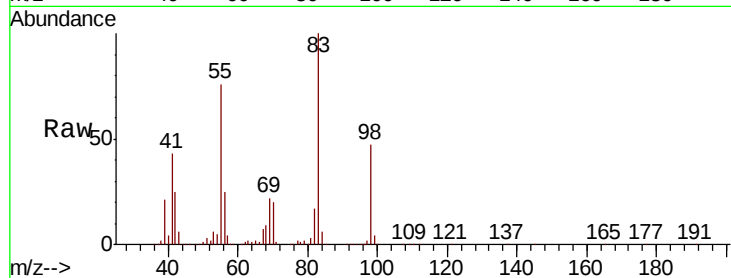




#39
Methylvlcvclohexane
Concen: 45.037 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

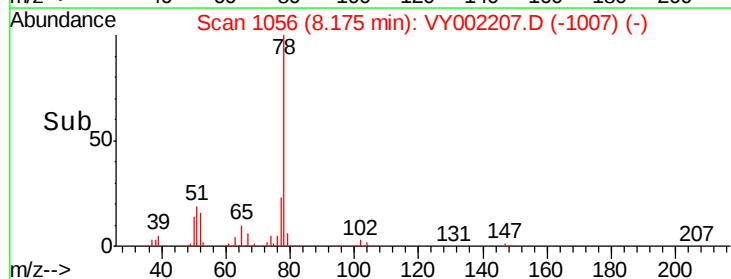
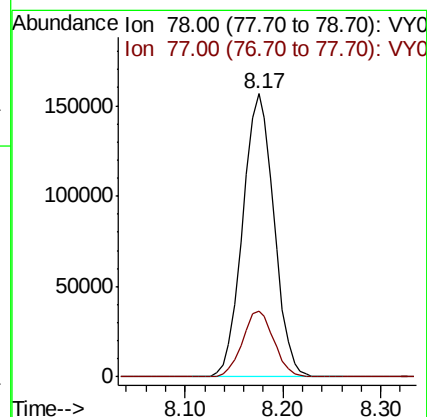
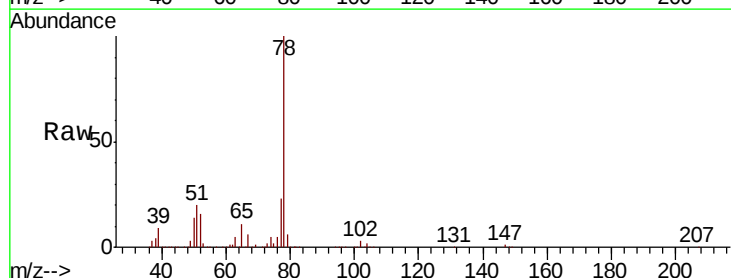
Instrument :
MSVOA_Y
ClientSampleId :

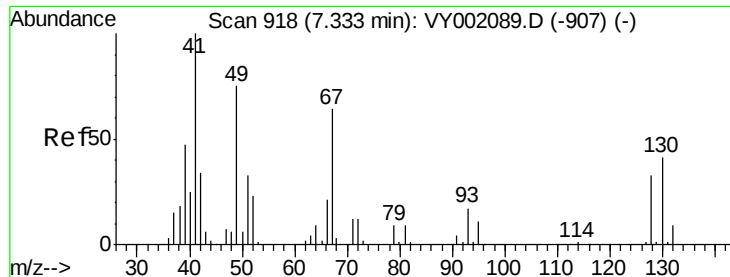
Tot Ion: 83 Resp: 146122
Ion Ratio Lower Upper
83 100
55 75.2 61.2 91.8
98 47.4 38.2 57.2



#40
Benzene
Concen: 47.260 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 78 Resp: 346268
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.4

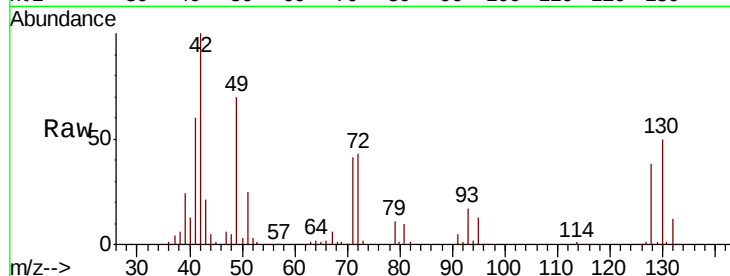




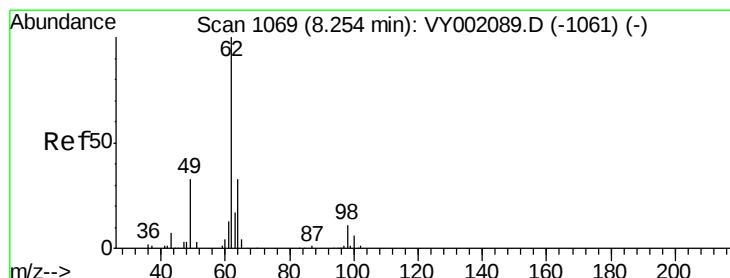
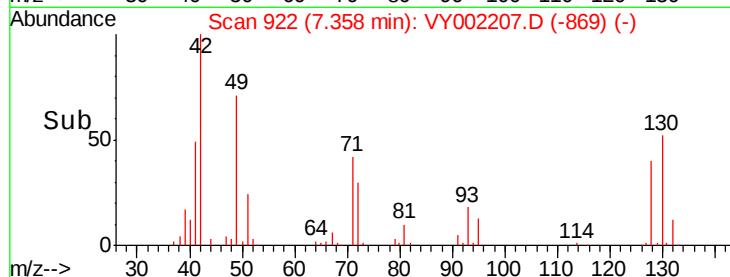
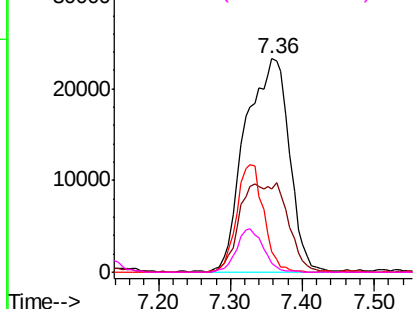
#41
Methacrylonitrile
Concen: 130.989 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	99039
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

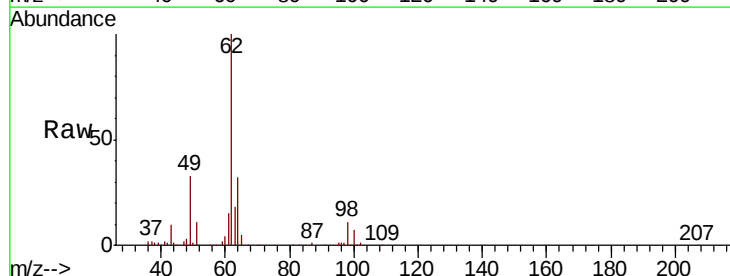


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

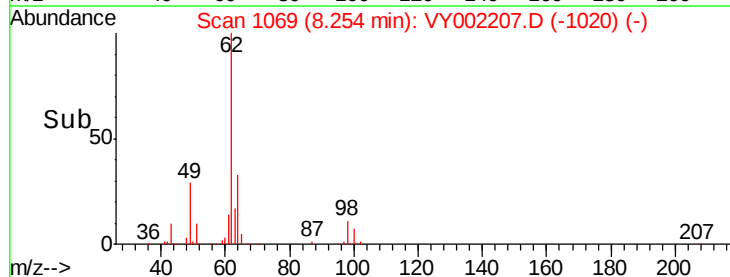
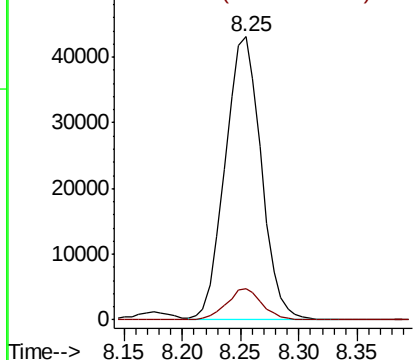


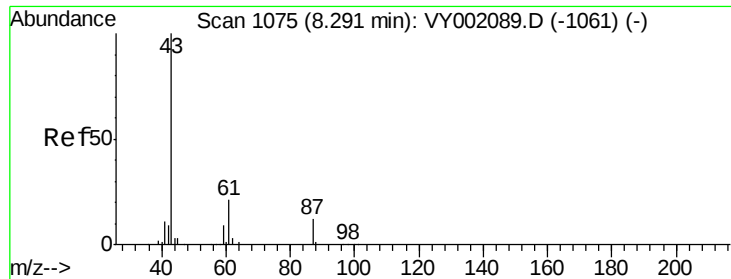
#42
1,2-Dichloroethane
Concen: 47.836 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion:	62	Resp:	93051
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.2



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



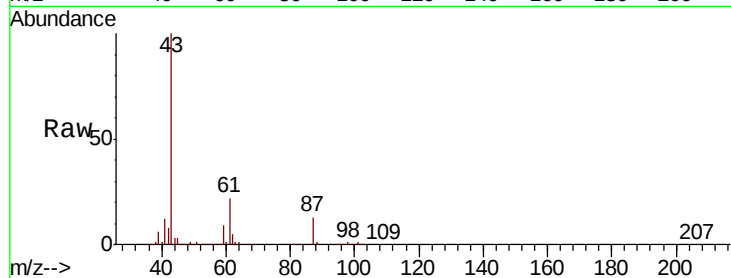


#43

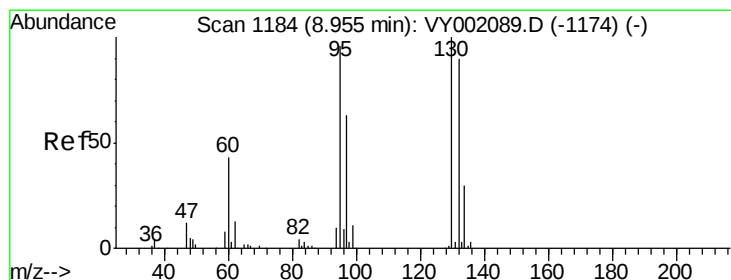
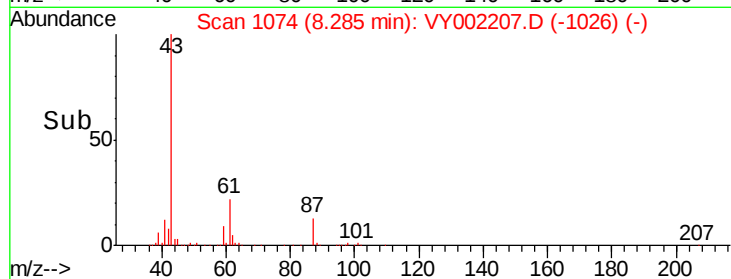
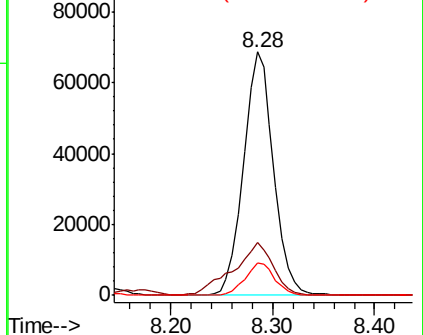
Isopropyl Acetate
 Concen: 50.267 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.4	35.2
87	13.3	10.2	15.4



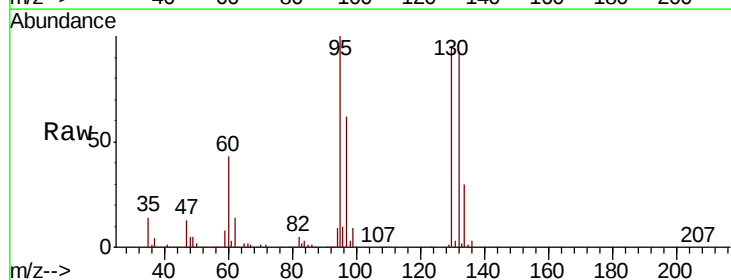
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



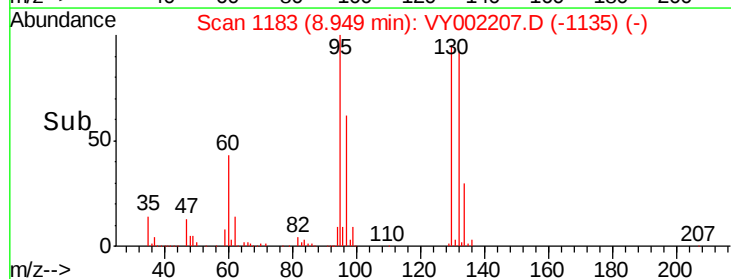
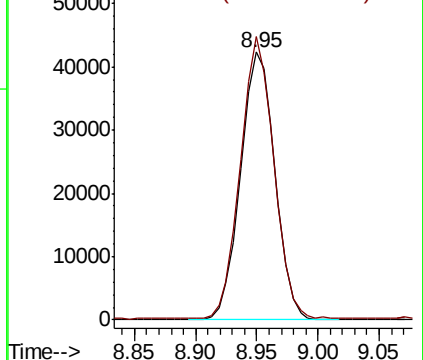
#44

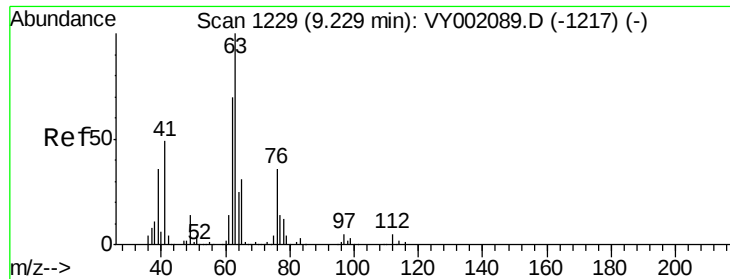
Trichloroethene
 Concen: 46.820 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	193.0



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

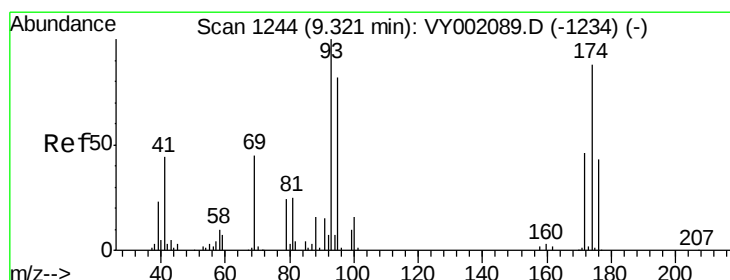
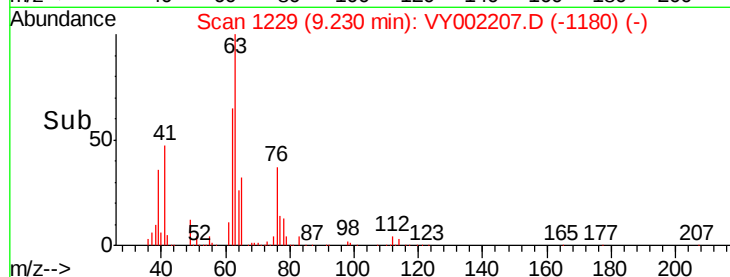
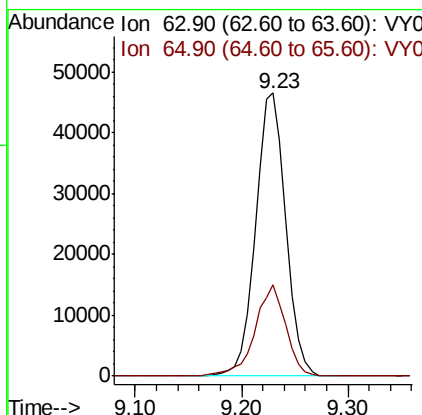
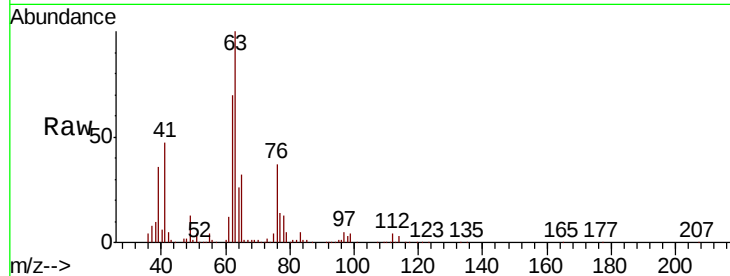




#45
 1,2-Dichloropropane
 Concen: 49.278 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

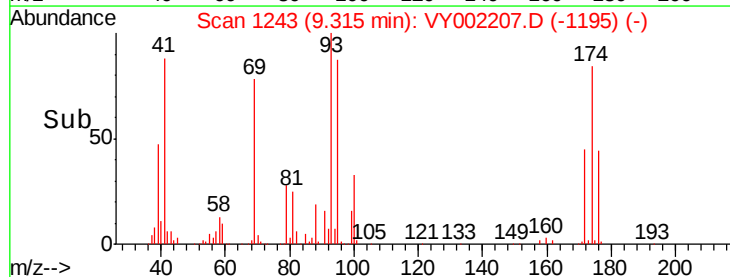
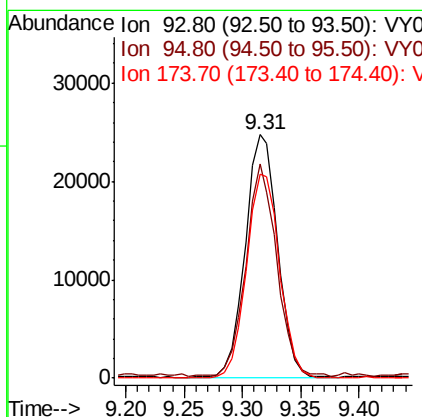
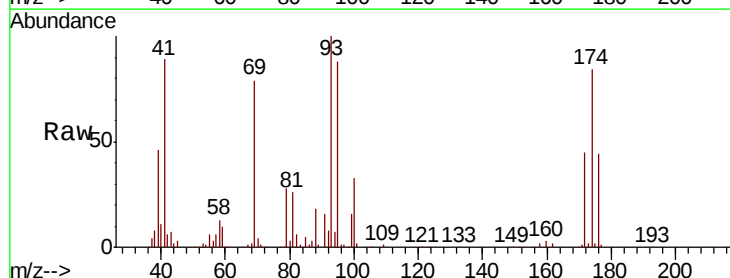
Instrument :
 MSVOA_Y
 ClientSampled :

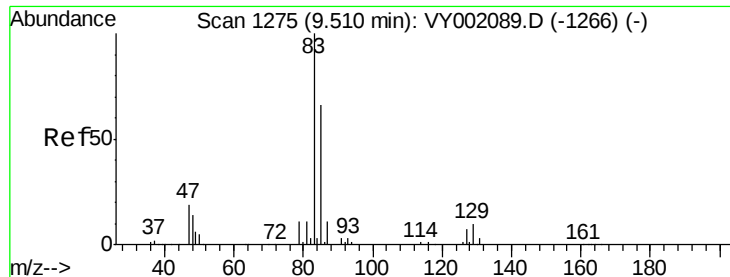
Tot Ion: 63 Resp: 91931
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.6



#46
 Dibromomethane
 Concen: 49.900 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 93 Resp: 47808
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.0 99.0
 174 86.0 69.8 104.8





#47

Bromodichloromethane

Concen: 49.331 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

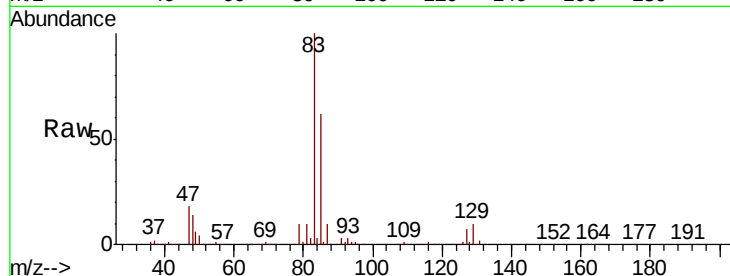
Tot Ion: 83 Resp: 110026

Ion Ratio Lower Upper

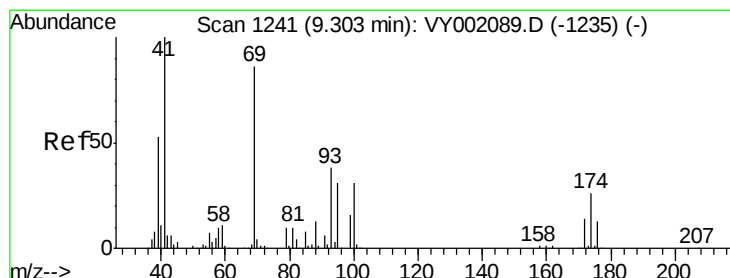
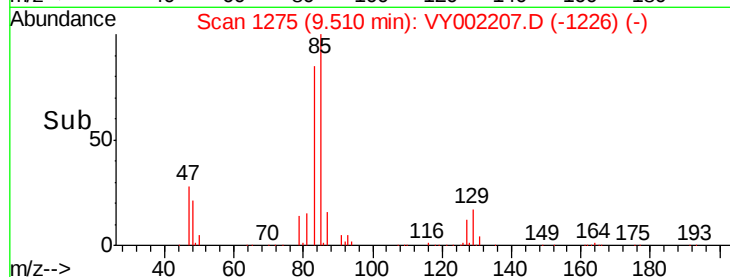
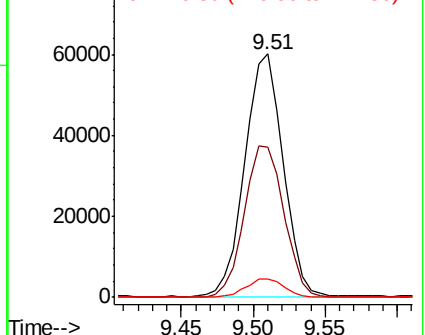
83 100

85 62.2 52.6 79.0

127 7.5 5.9 8.9



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



#48

Methyl methacrylate

Concen: 49.474 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

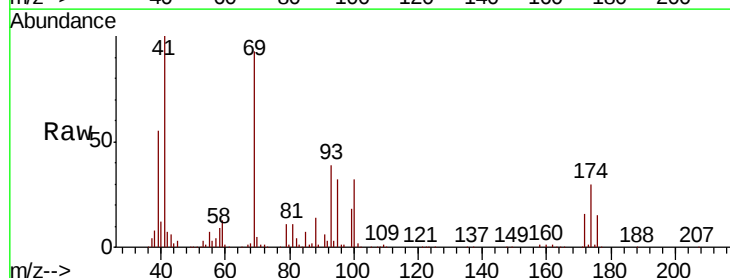
Tgt Ion: 41 Resp: 61509

Ion Ratio Lower Upper

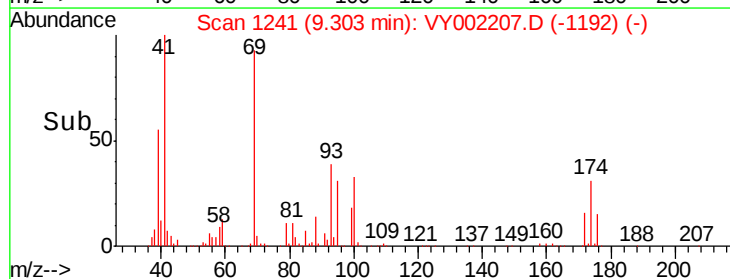
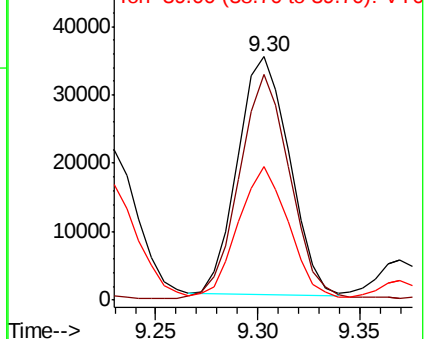
41 100

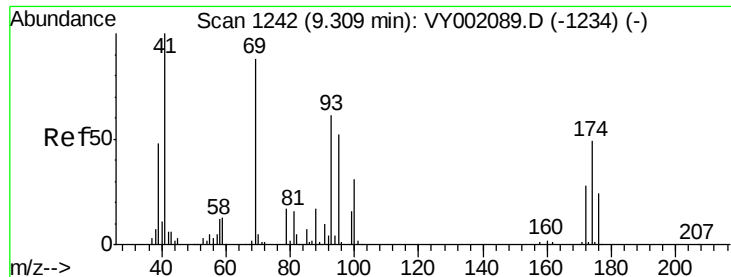
69 92.4 71.4 107.0

39 54.7 41.0 61.4



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

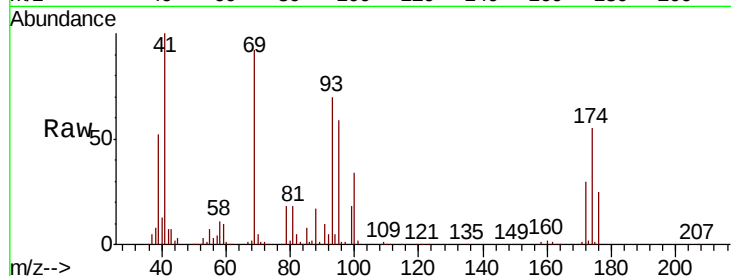




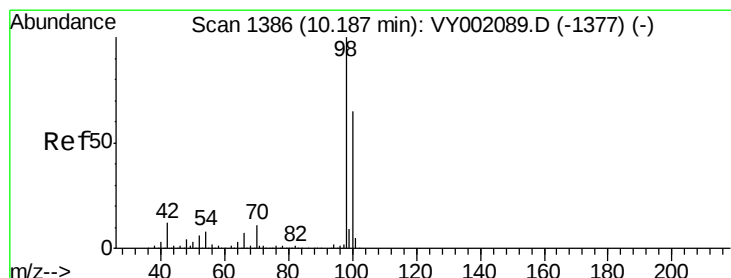
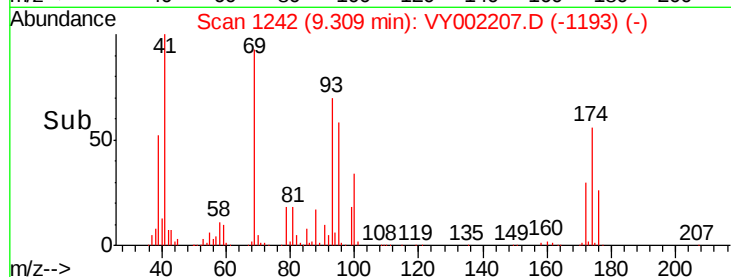
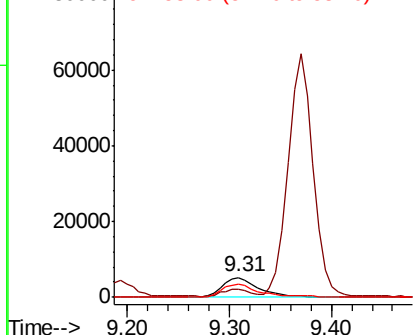
#49
1,4-Dioxane
Concen: 996.636 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 13103
Ion Ratio Lower Upper
88 100
43 29.6 27.2 40.8
58 64.8 59.8 89.8

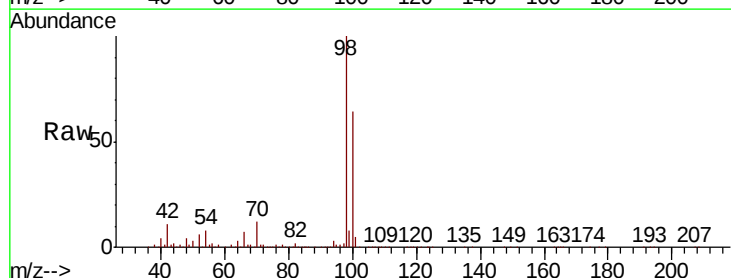


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

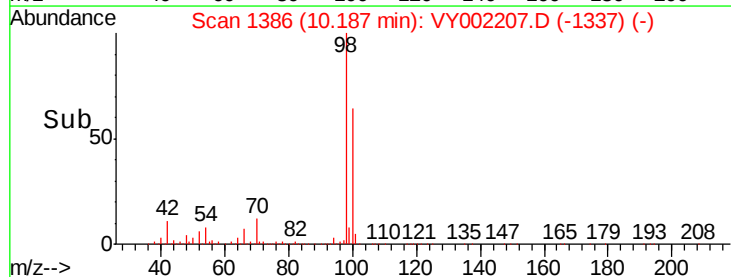
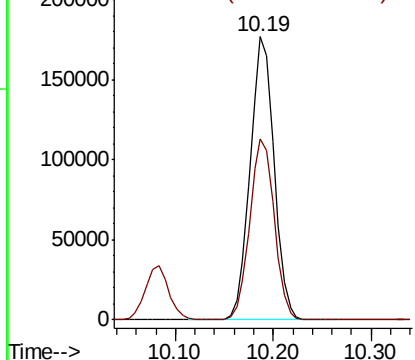


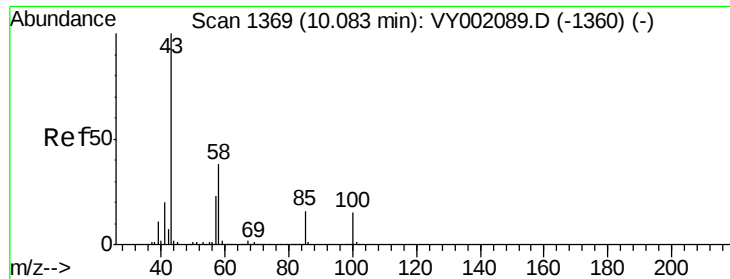
#50
Toluene-d8
Concen: 49.254 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 98 Resp: 299817
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



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

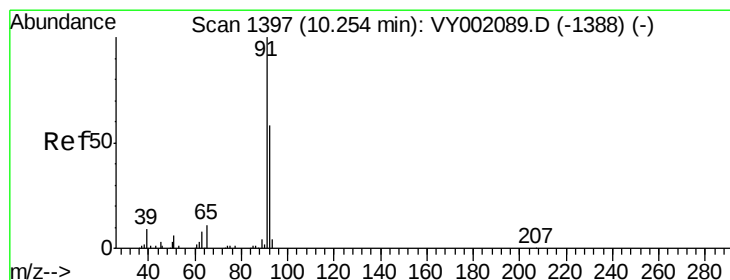
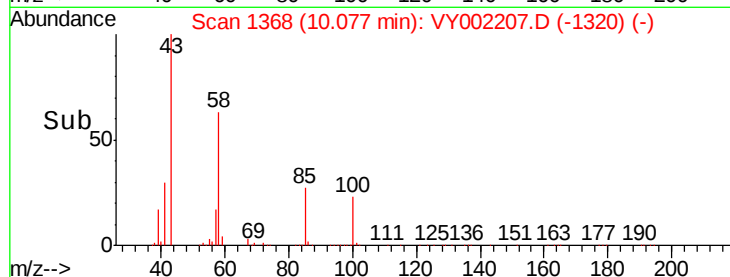
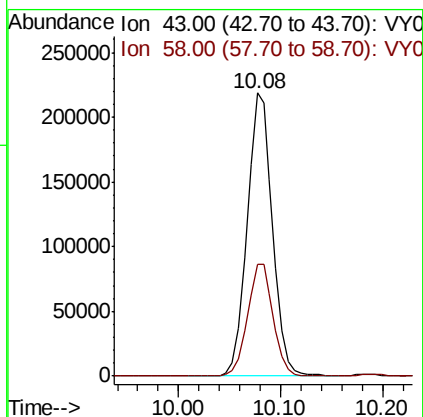
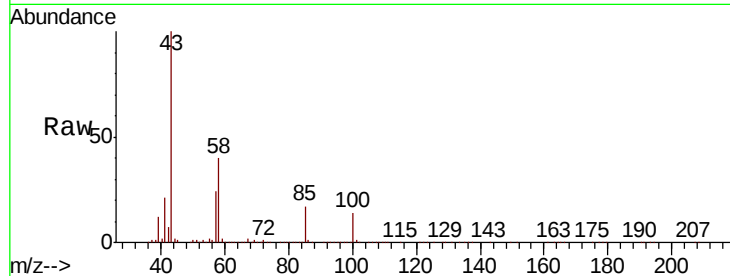




#51
4-Methyl-2-Pentanone
Concen: 262.042 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

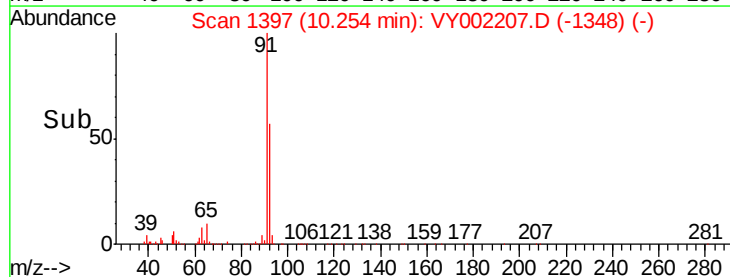
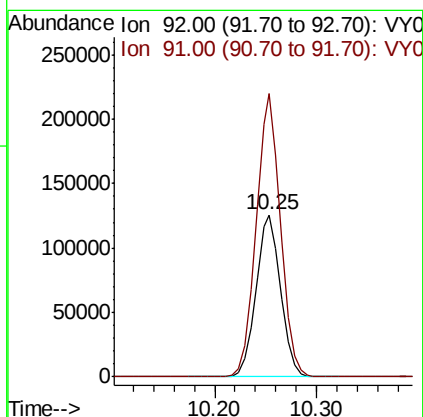
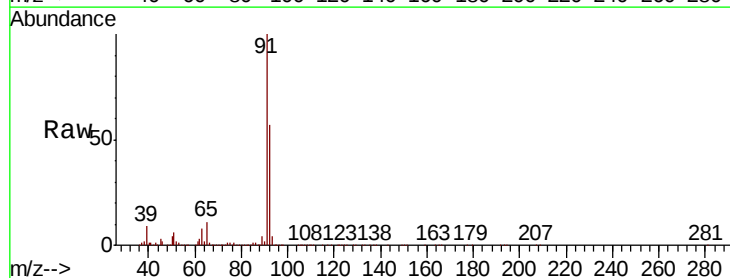
Instrument :
MSVOA_Y
ClientSampleId :

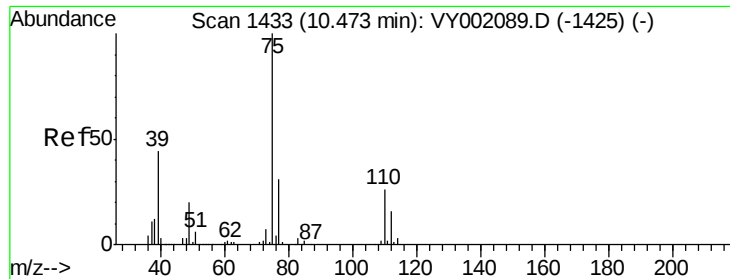
Tot Ion: 43 Resp: 374341
Ion Ratio Lower Upper
43 100
58 40.4 31.6 47.4



#52
Toluene
Concen: 47.609 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 92 Resp: 210979
Ion Ratio Lower Upper
92 100
91 172.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 48.712 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

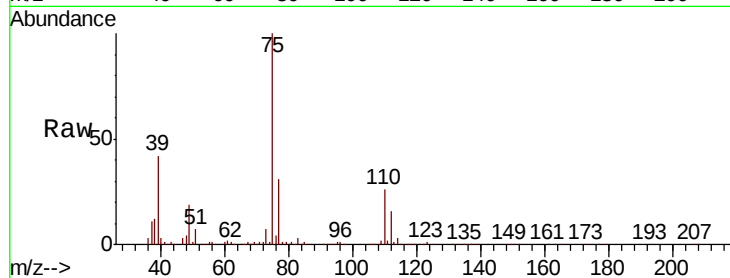
ClientSampleId :

Tot Ion: 75 Resp: 120589

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

60000

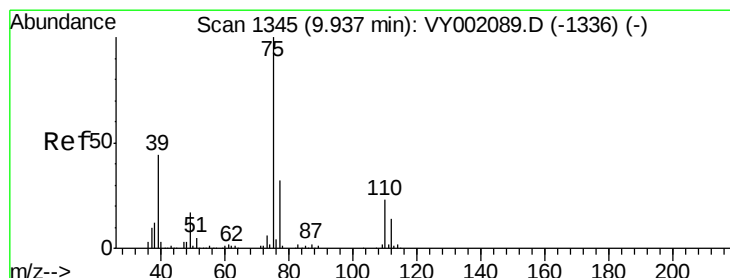
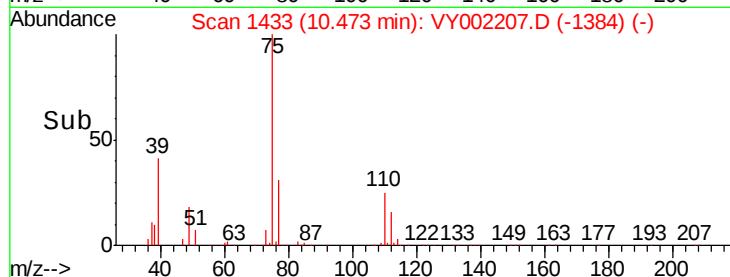
40000

20000

0

10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.119 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

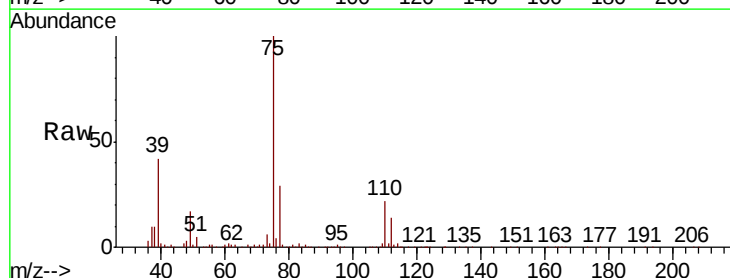
Tgt Ion: 75 Resp: 143163

Ion Ratio Lower Upper

75 100

77 29.0 25.6 38.4

39 41.8 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

9.94

100000

80000

60000

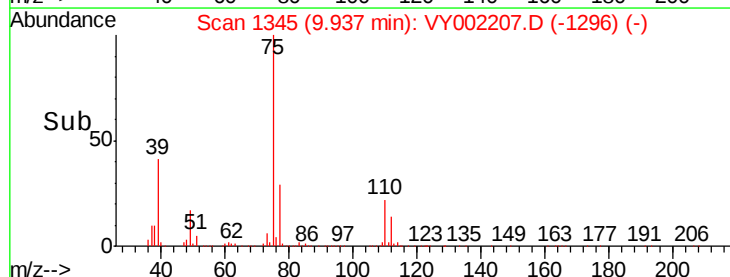
40000

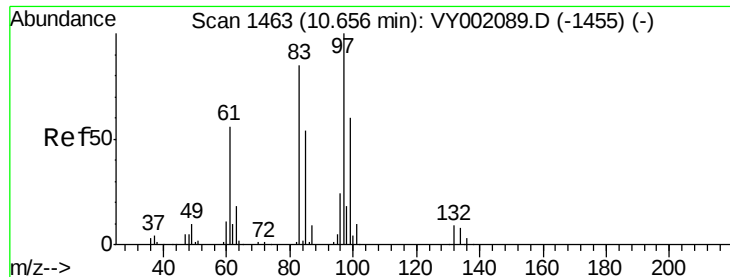
20000

0

9.90 10.00

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.196 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 69760

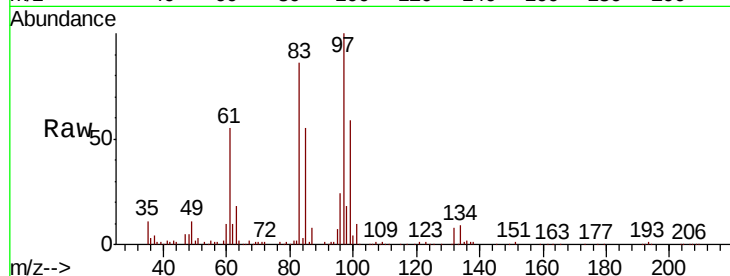
Ion Ratio Lower Upper

97 100

83 86.0 68.2 102.2

85 54.7 42.9 64.3

99 59.6 47.9 71.9

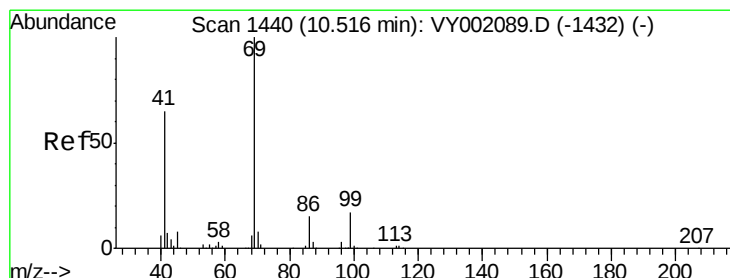
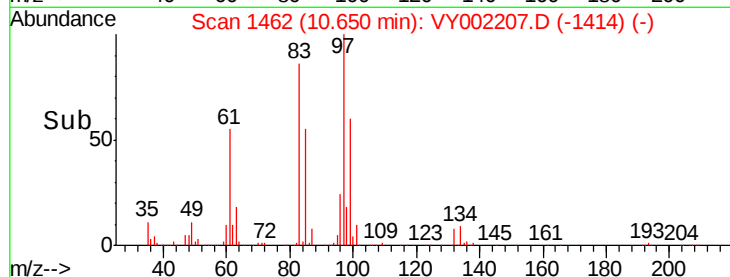
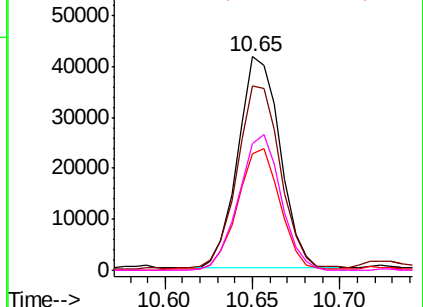


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 52.504 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

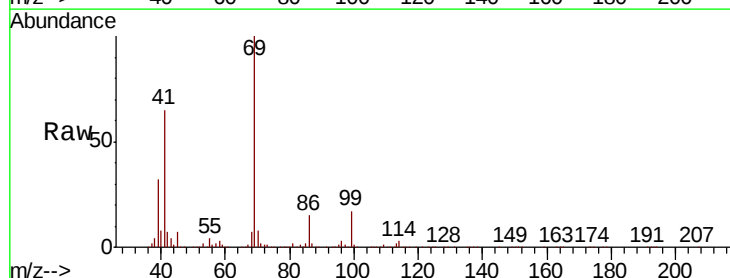
Tgt Ion: 69 Resp: 108741

Ion Ratio Lower Upper

69 100

41 63.1 52.8 79.2

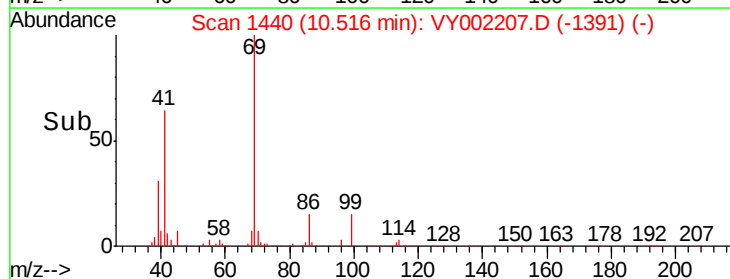
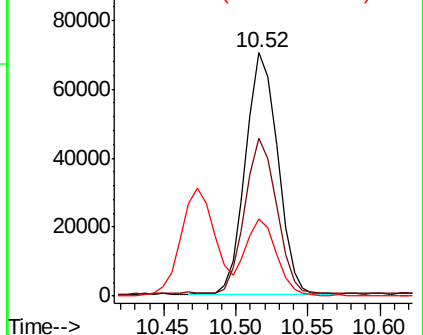
39 29.9 25.0 37.6

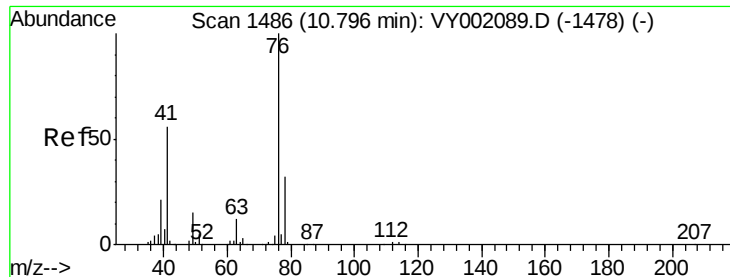


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 49.794 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

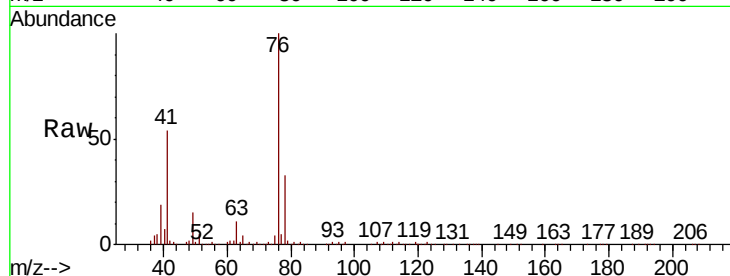
ClientSampleId :

Tot Ion: 76 Resp: 124750

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY002207.D (-1478) (-)

Ion 77.90 (77.60 to 78.60): VY002207.D (-1478) (-)

10.80

80000

60000

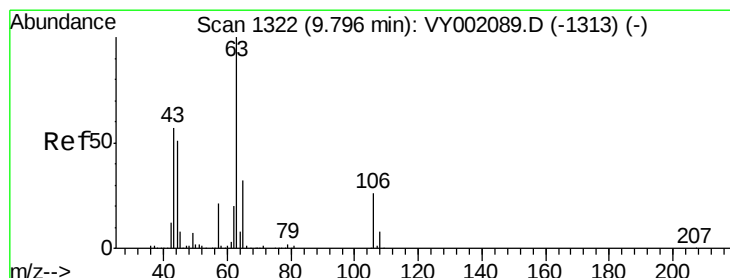
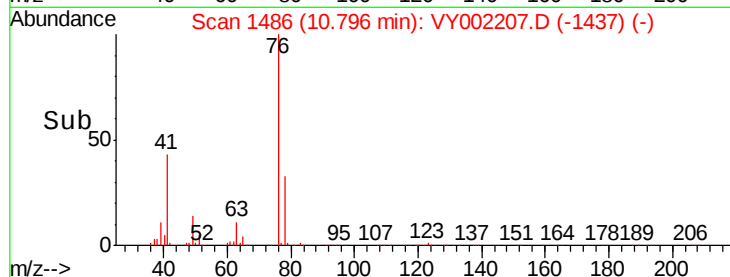
40000

20000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 275.635 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002207.D

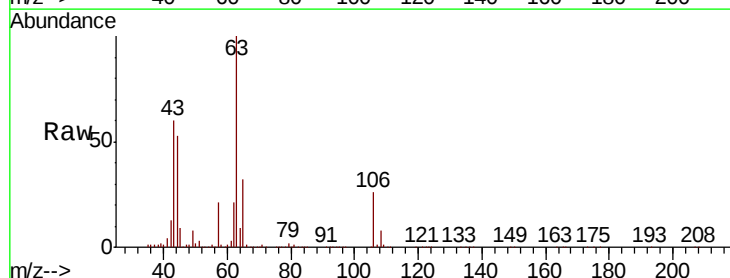
Acq: 02 Apr 2020 20:49

Tgt Ion: 63 Resp: 293335

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY002207.D (-1273) (-)

Ion 105.90 (105.60 to 106.60): VY002207.D (-1273) (-)

9.79

200000

150000

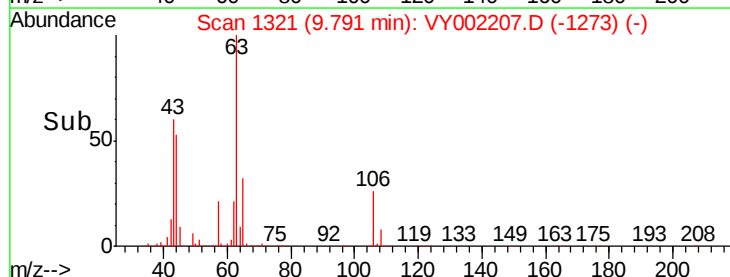
100000

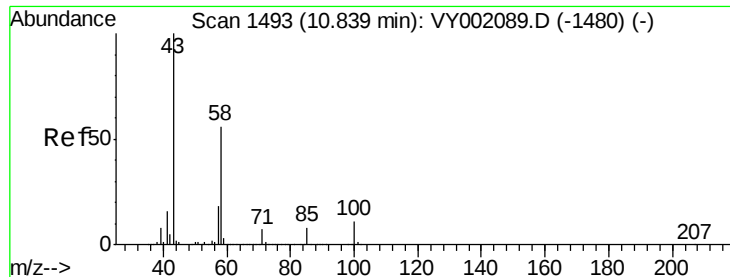
50000

0

Time-->

9.70 9.75 9.80 9.85

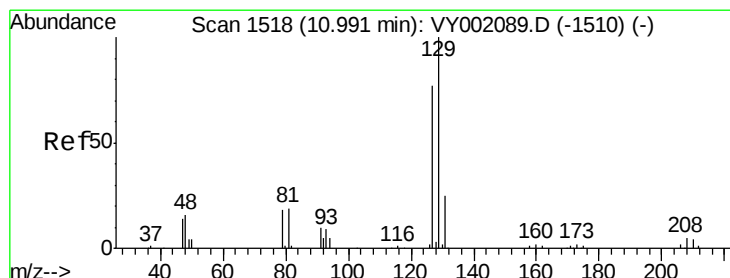
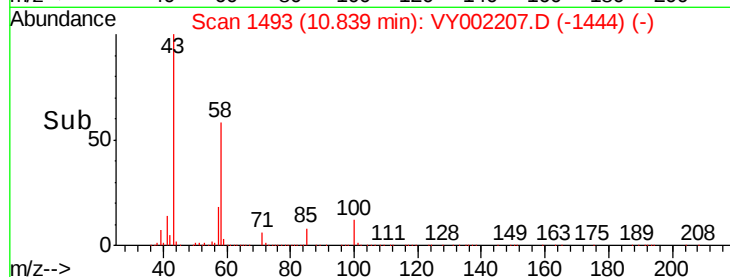
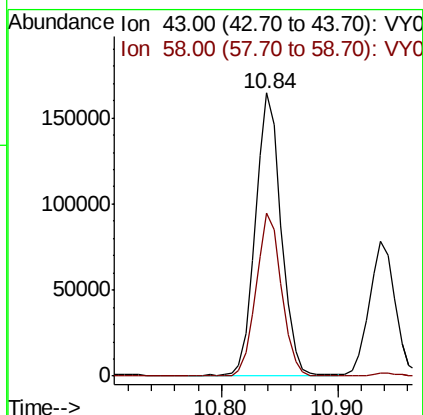
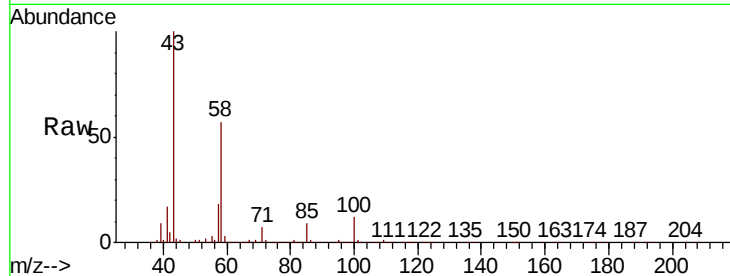




#59
2-Hexanone
Concen: 249.919 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

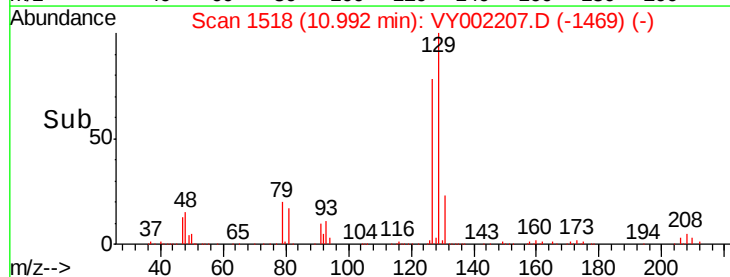
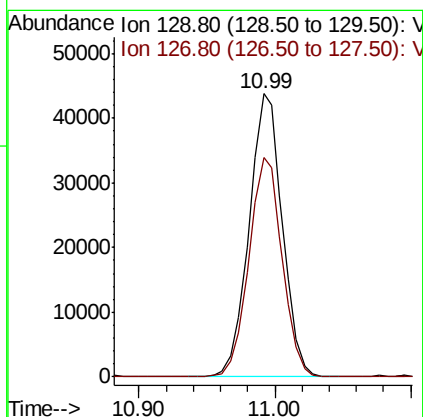
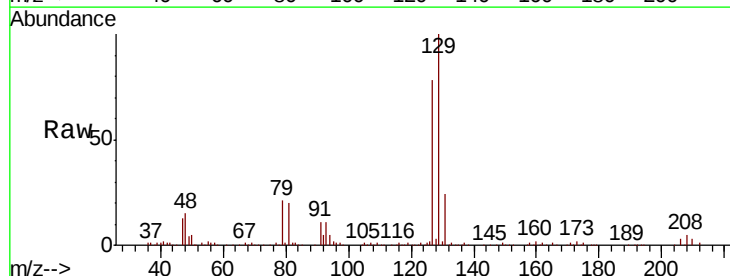
Instrument :
MSVOA_Y
ClientSampleId :

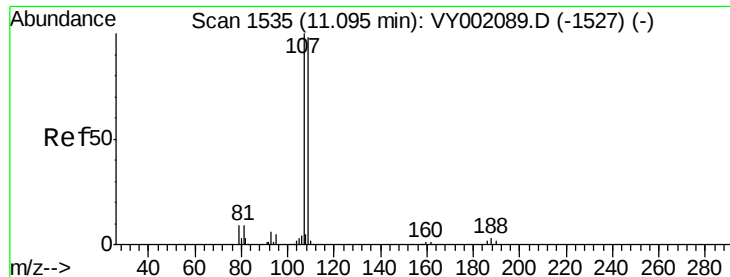
Tot Ion: 43 Resp: 251493
Ion Ratio Lower Upper
43 100
58 57.3 27.9 83.6



#60
Dibromochloromethane
Concen: 50.170 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 129 Resp: 74443
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

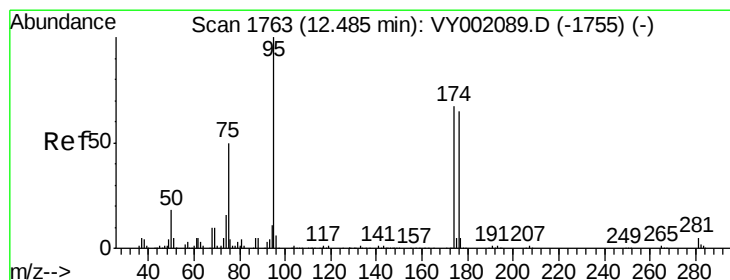
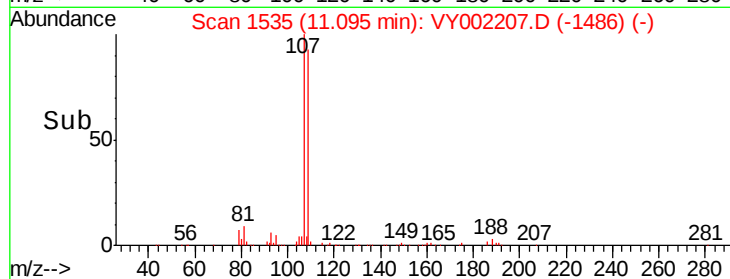
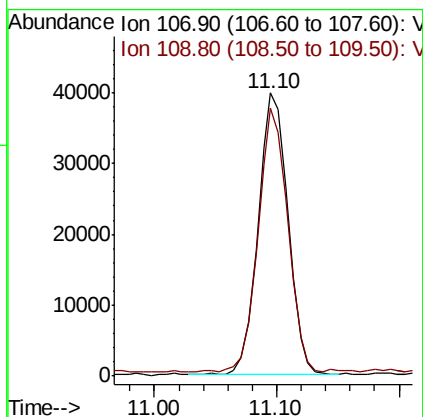
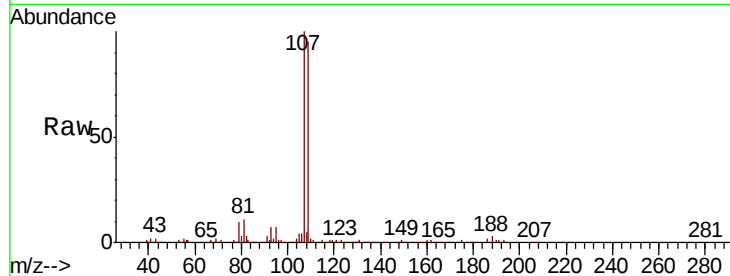




#61
 1,2-Dibromoethane
 Concen: 51.056 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

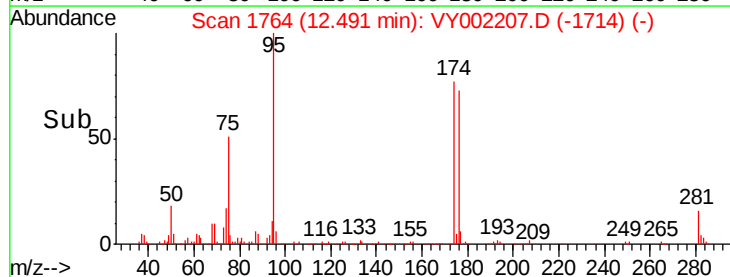
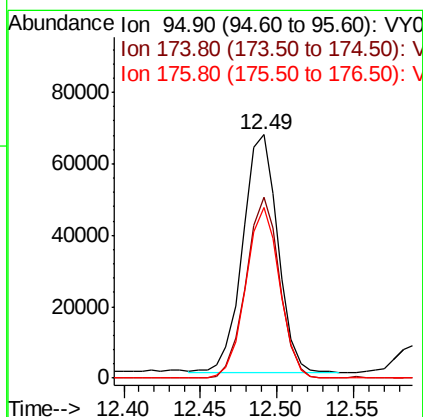
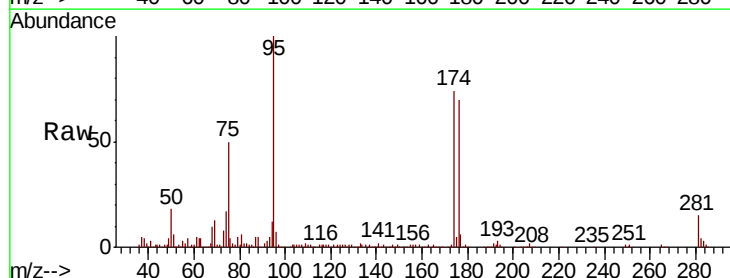
Instrument :
 MSVOA_Y
 ClientSampled :

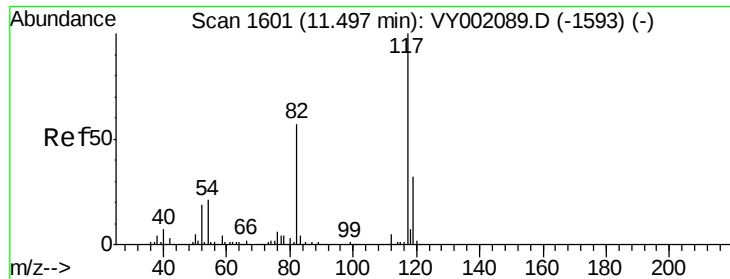
Tot Ion: 107 Resp: 67763
 Ion Ratio Lower Upper
 107 100
 109 92.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.831 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 95 Resp: 106084
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 143.4
 176 69.3 0.0 137.0

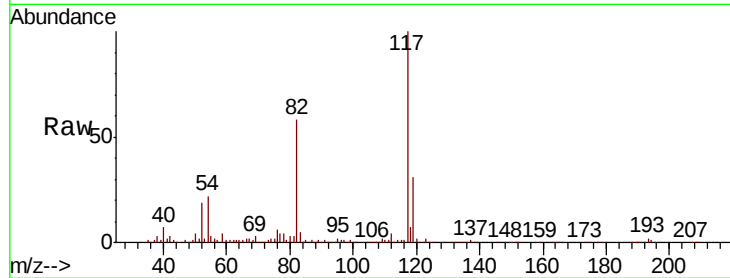




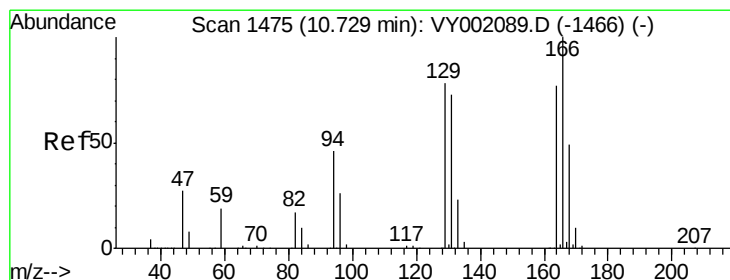
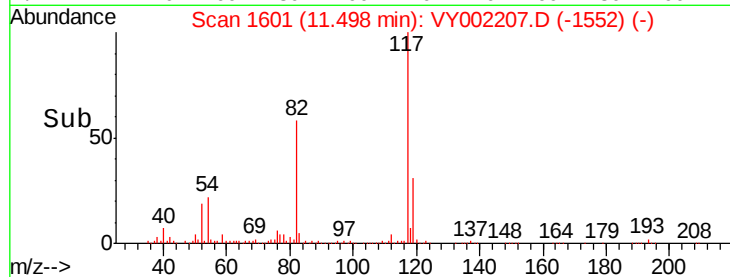
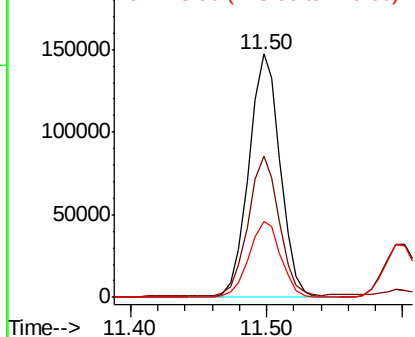
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 236451
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 31.3 25.3 37.9

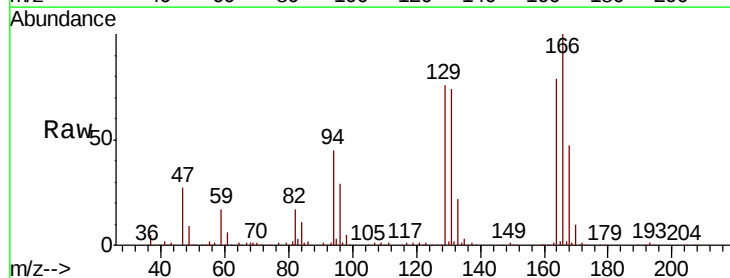


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

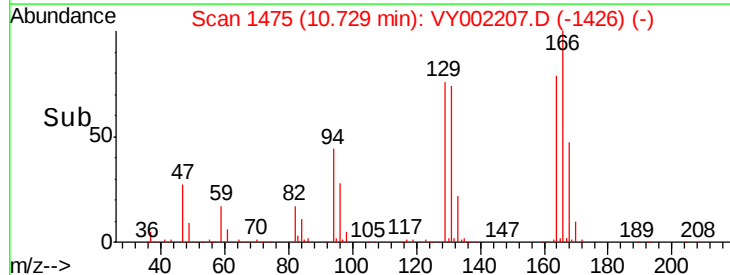
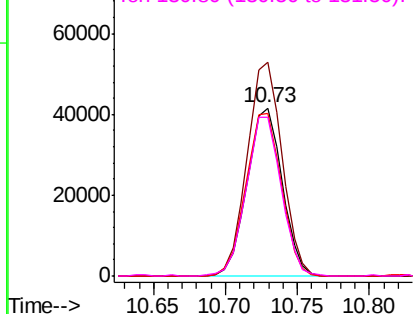


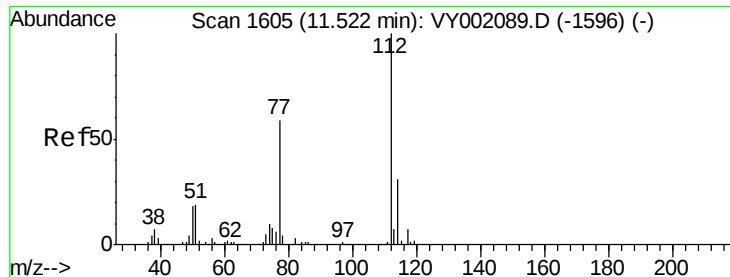
#64
Tetrachloroethene
Concen: 48.196 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion:164 Resp: 69723
Ion Ratio Lower Upper
164 100
166 127.1 104.0 156.0
129 97.0 81.2 121.8
131 94.3 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

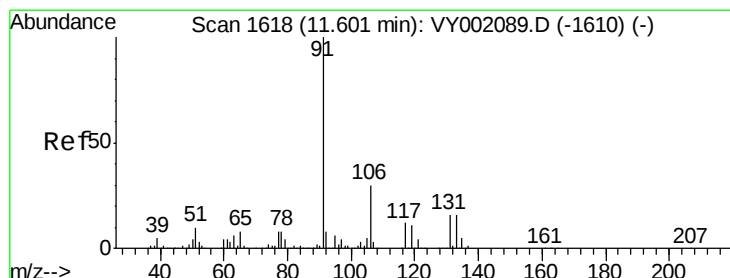
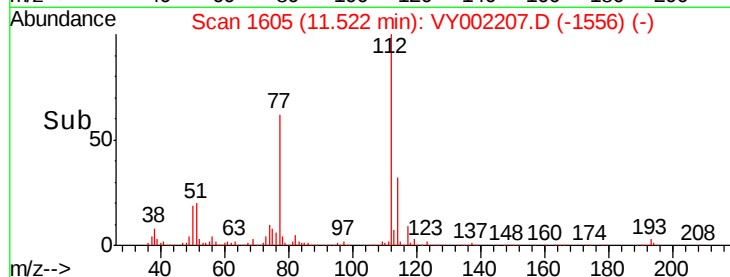
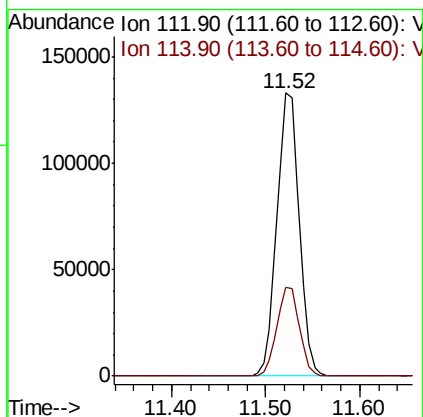
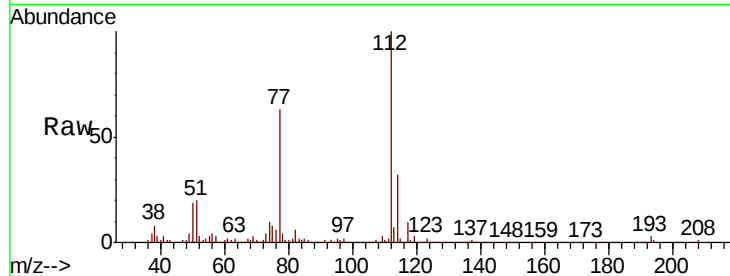




#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

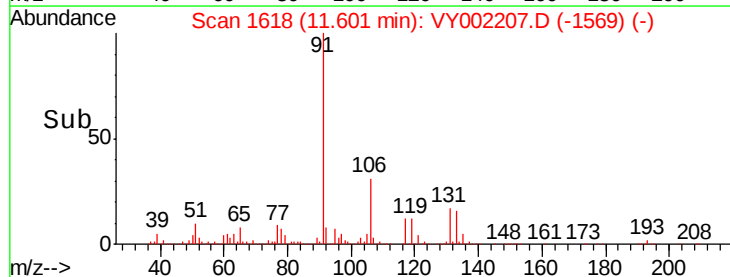
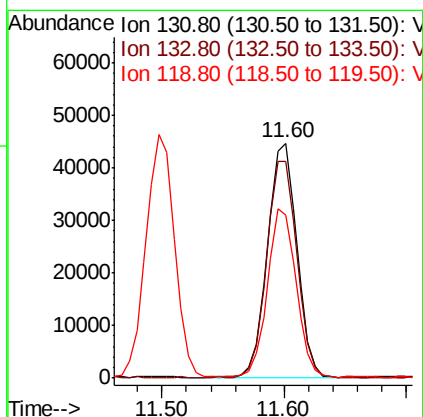
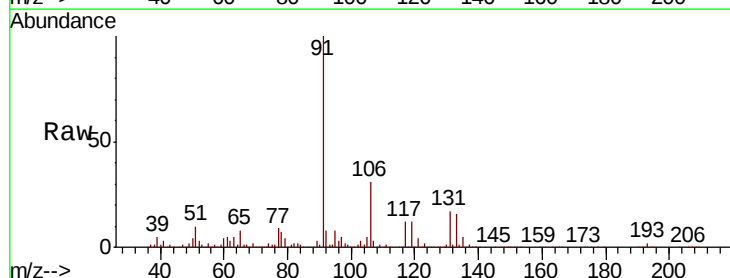
Instrument :
MSVOA_Y
ClientSampled :

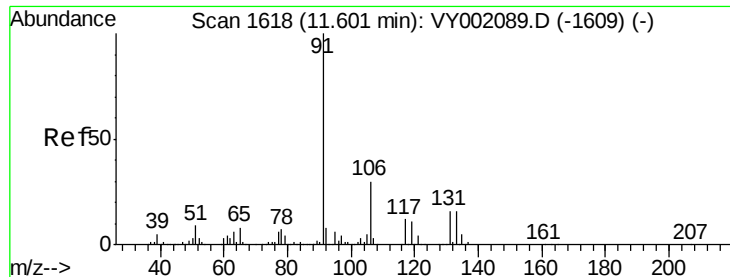
Tot Ion:112 Resp: 220049
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.680 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion:131 Resp: 74334
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 70.1 34.6 103.9





#67

Ethyl Benzene

Concen: 47.941 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

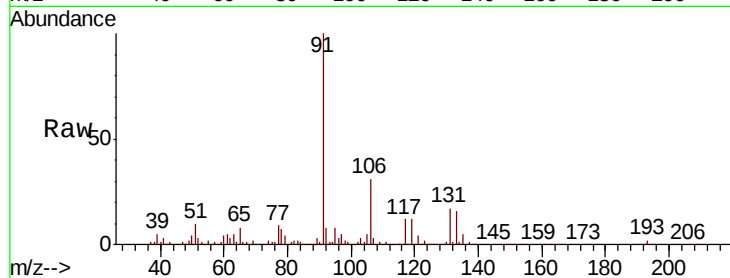
ClientSampled :

Tot Ion: 91 Resp: 406395

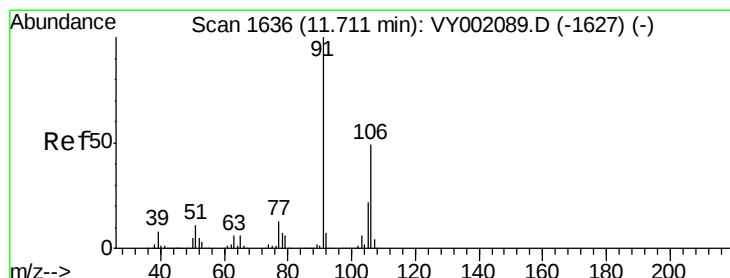
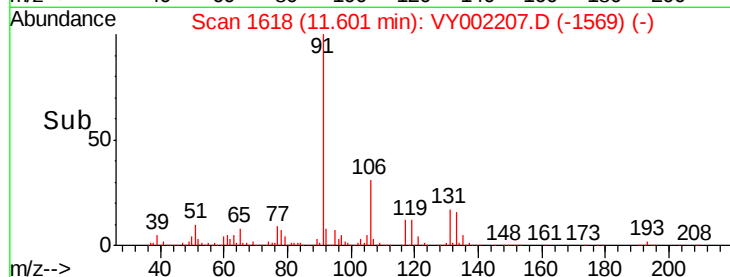
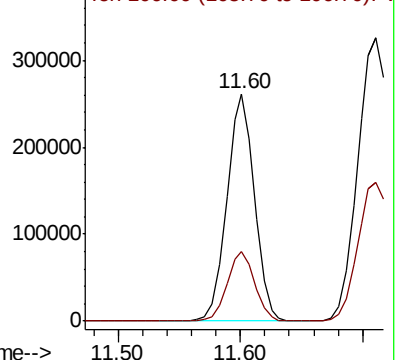
Ion Ratio Lower Upper

91 100

106 30.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY002207.D (-1609) (-)



#68

m/p-Xylenes

Concen: 95.512 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002207.D

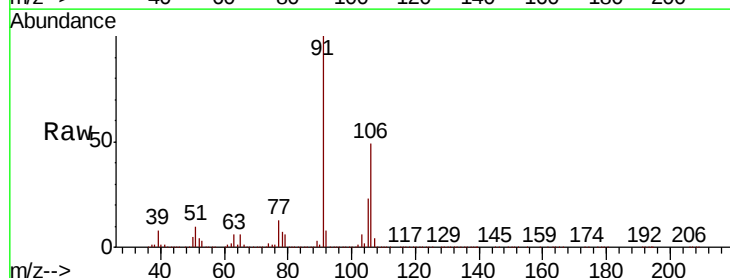
Acq: 02 Apr 2020 20:49

Tgt Ion: 106 Resp: 299360

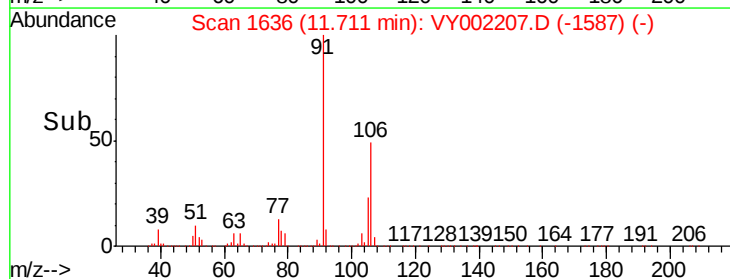
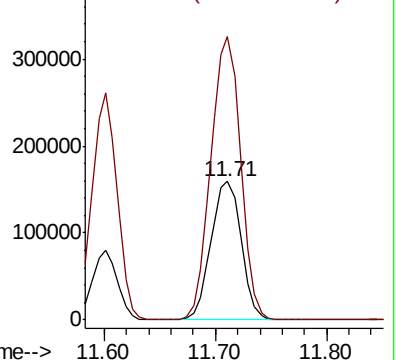
Ion Ratio Lower Upper

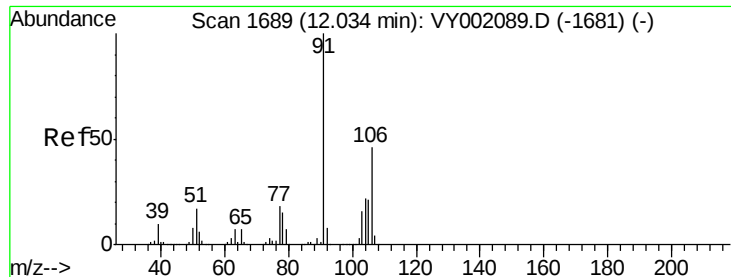
106 100

91 201.6 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY002207.D (-1627) (-)

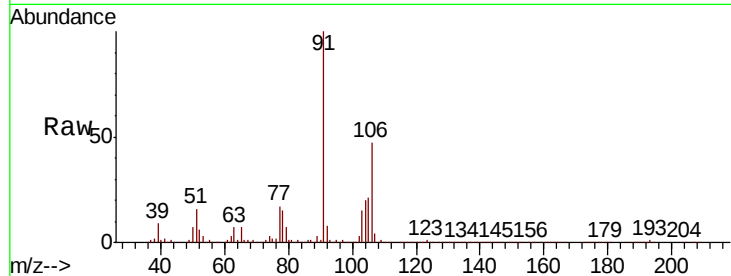




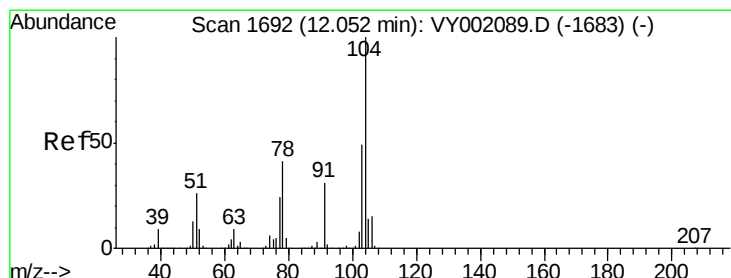
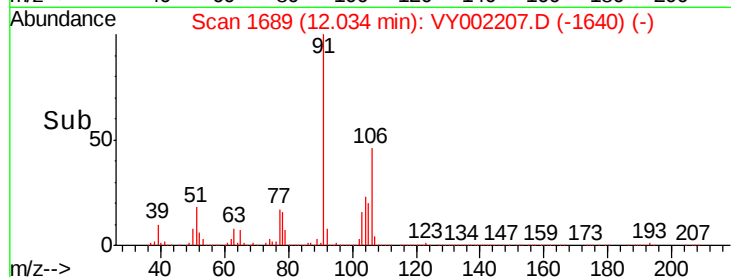
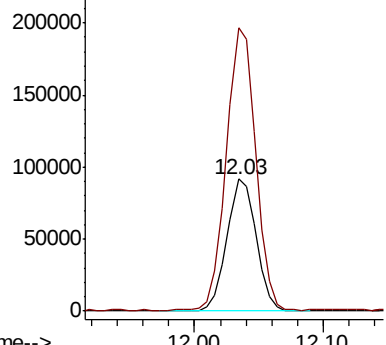
#69
o-Xylene
Concen: 48.056 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 142880
Ion Ratio Lower Upper
106 100
91 215.2 107.3 321.8

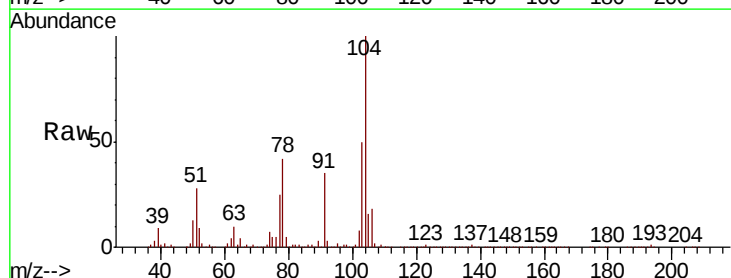


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

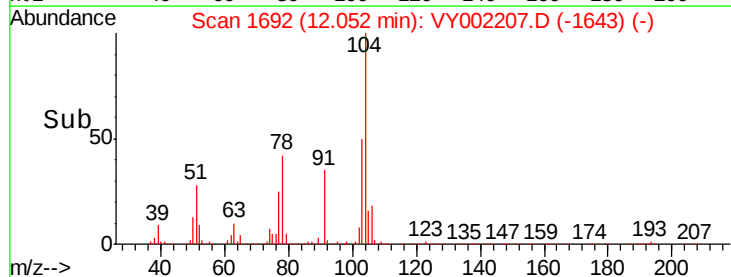
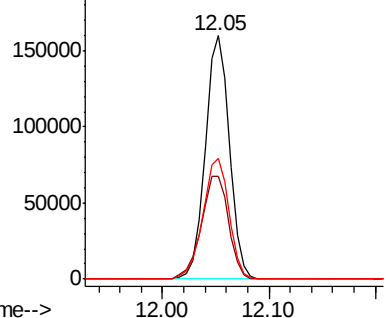


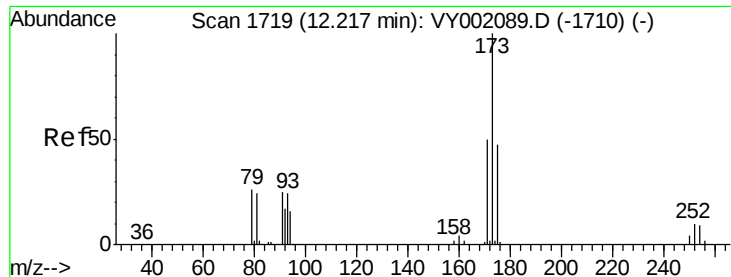
#70
Styrene
Concen: 49.355 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion:104 Resp: 254277
Ion Ratio Lower Upper
104 100
78 47.6 37.9 56.9
103 53.7 43.2 64.8



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





#71

Bromoform

Concen: 50.988 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

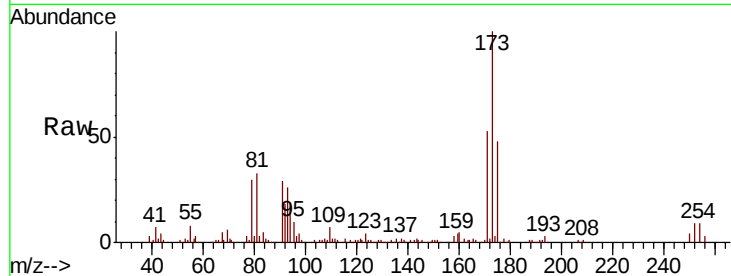
Tot Ion:173 Resp: 42643

Ion Ratio Lower Upper

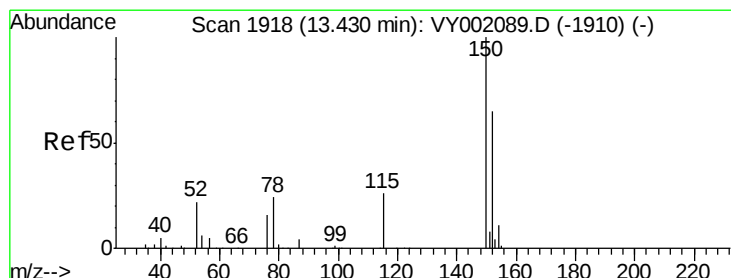
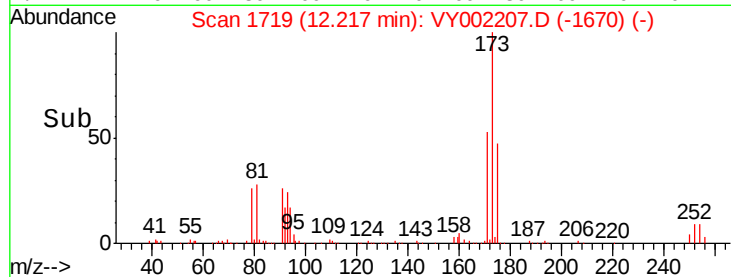
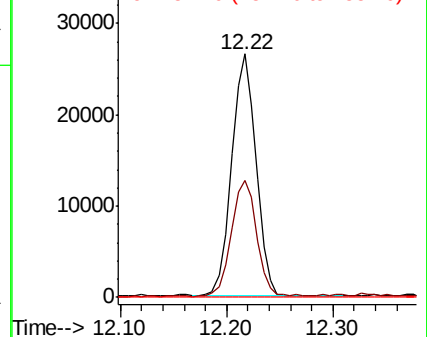
173 100

175 49.6 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

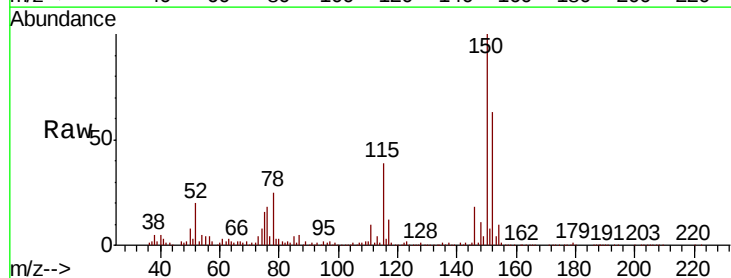
Tgt Ion:152 Resp: 106906

Ion Ratio Lower Upper

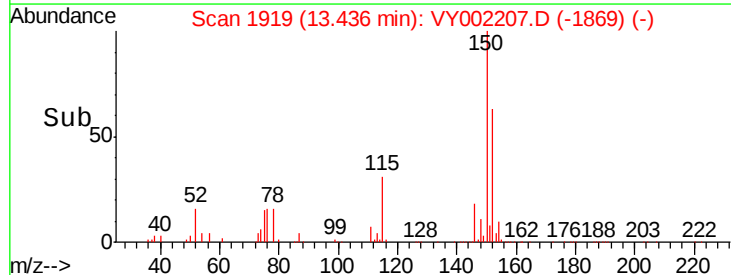
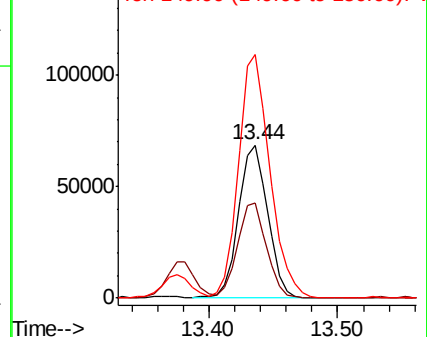
152 100

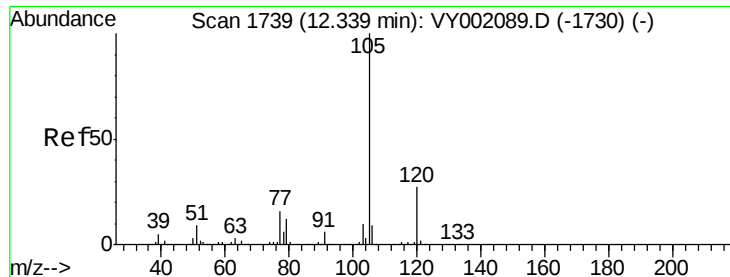
115 60.7 31.2 93.6

150 172.1 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

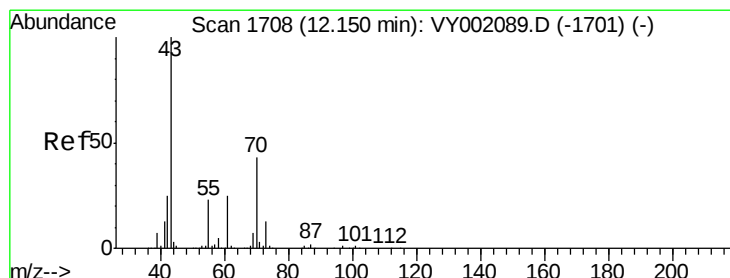
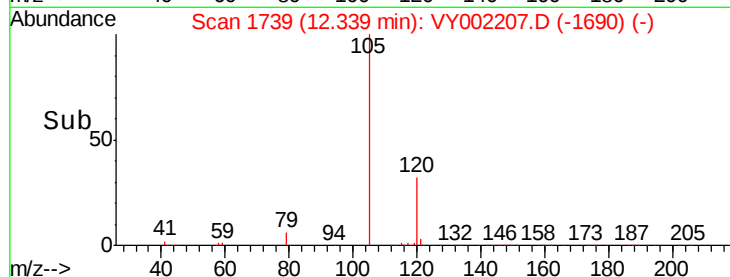
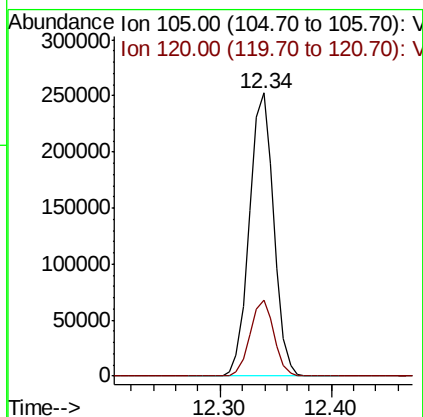
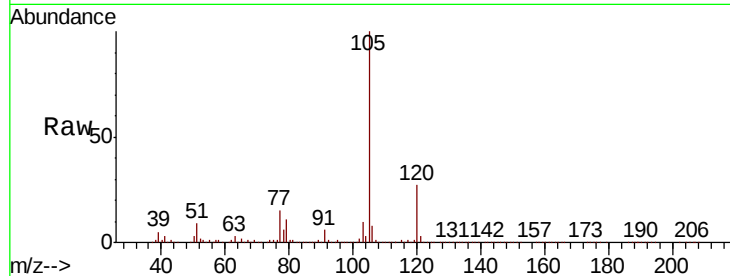




#73
Isopropylbenzene
Concen: 48.293 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

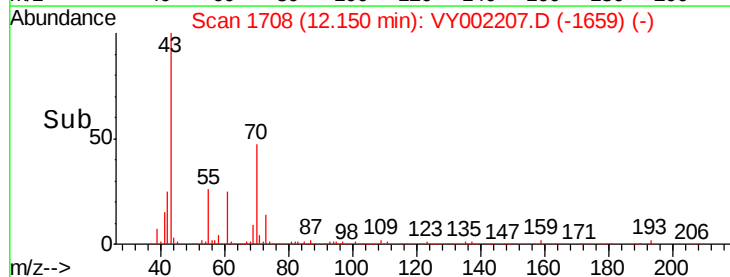
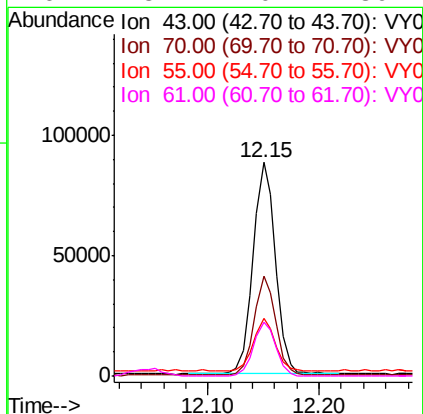
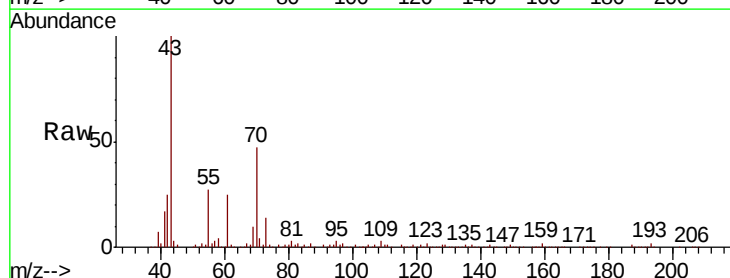
Instrument :
MSVOA_Y
ClientSampled :

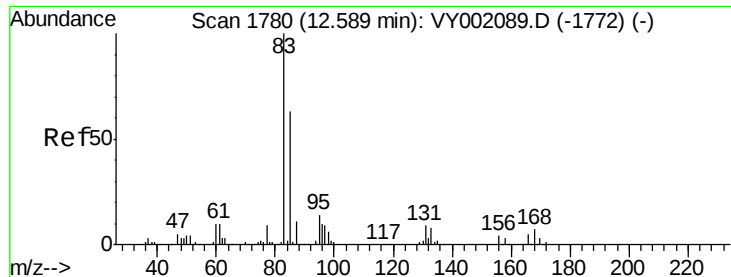
Tot Ion:105 Resp: 382982
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8



#74
N-ethyl acetate
Concen: 49.556 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002207.D
Acq: 02 Apr 2020 20:49

Tgt Ion: 43 Resp: 123949
Ion Ratio Lower Upper
43 100
70 44.8 35.0 52.4
55 24.6 18.7 28.1
61 25.4 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.182 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

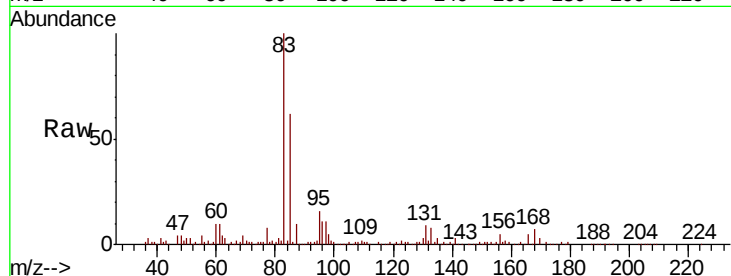
Tot Ion: 83 Resp: 87342

Ion Ratio Lower Upper

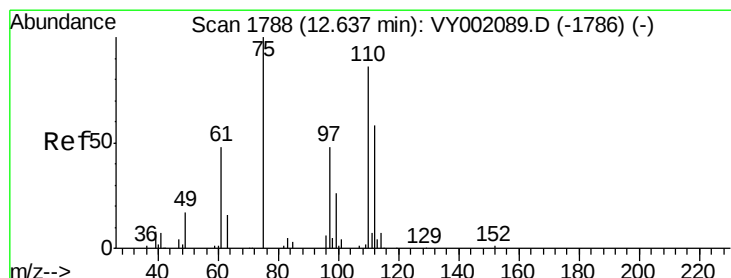
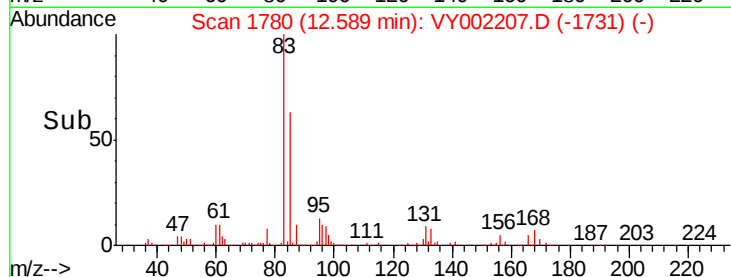
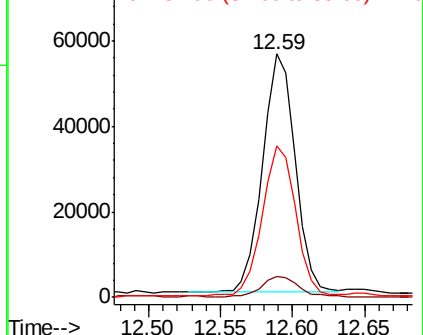
83 100

131 9.8 4.7 14.1

85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 93.163 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002207.D

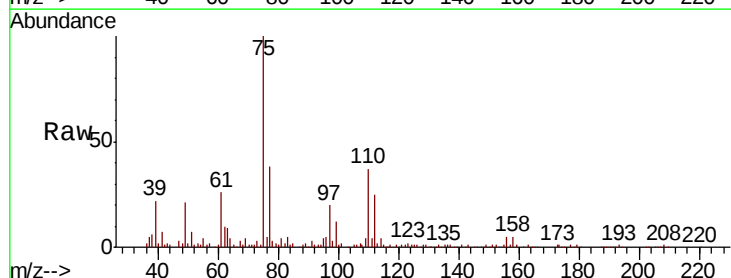
Acq: 02 Apr 2020 20:49

Tgt Ion: 75 Resp: 111408

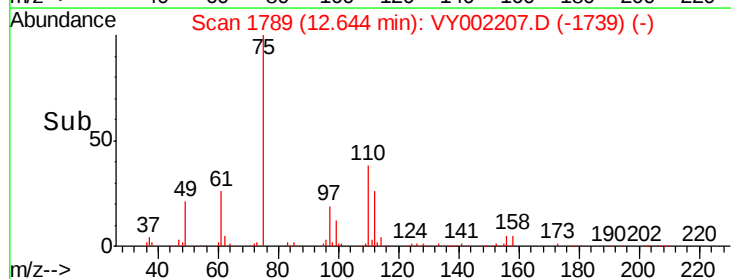
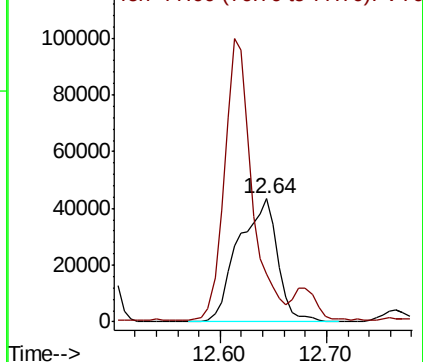
Ion Ratio Lower Upper

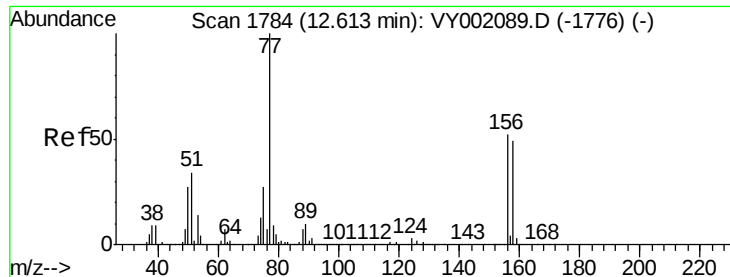
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.923 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

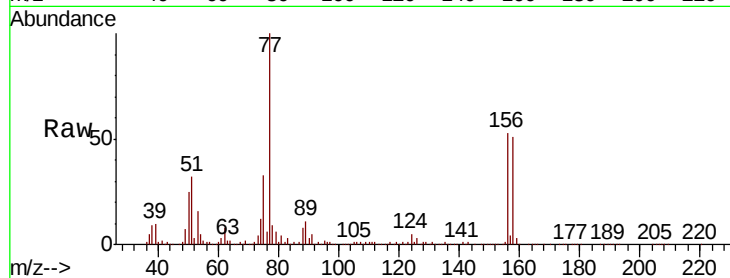
Tot Ion:156 Resp: 87900

Ion Ratio Lower Upper

156 100

77 204.7 107.8 323.6

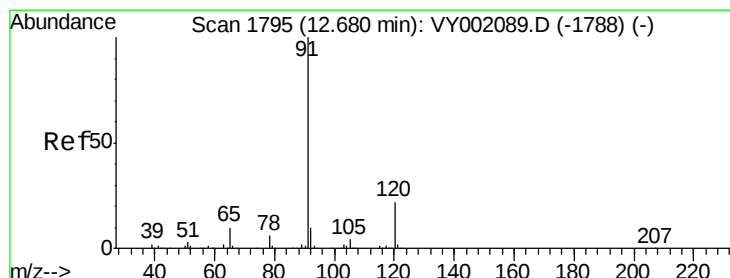
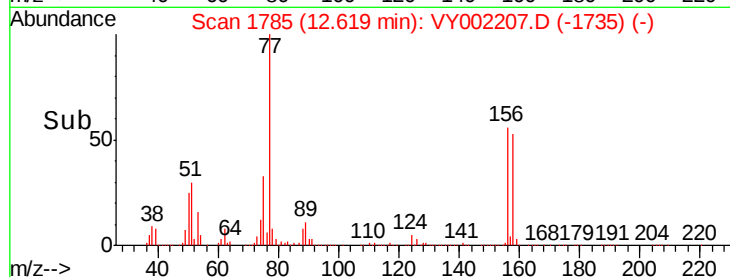
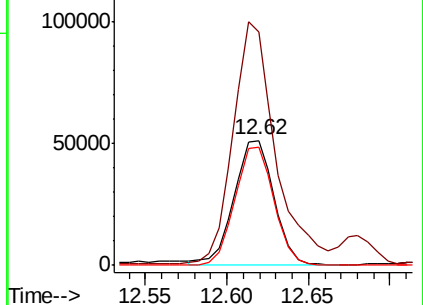
158 91.5 47.5 142.6



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: 47.288 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002207.D

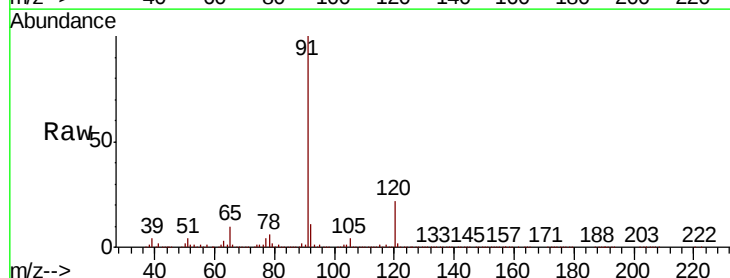
Acq: 02 Apr 2020 20:49

Tgt Ion: 91 Resp: 465377

Ion Ratio Lower Upper

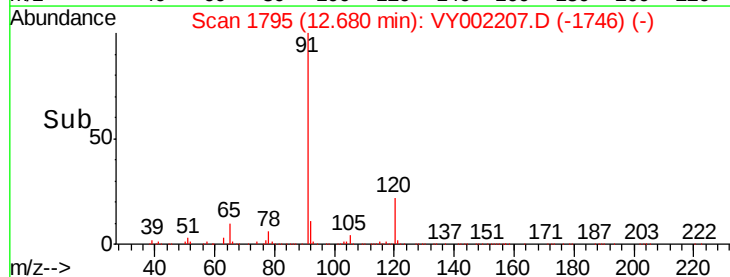
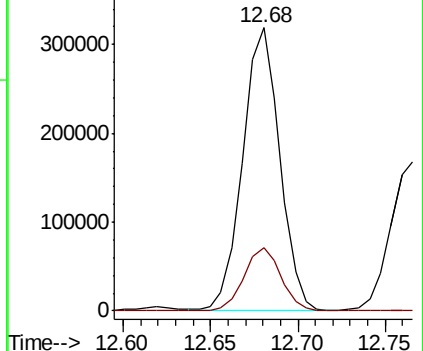
91 100

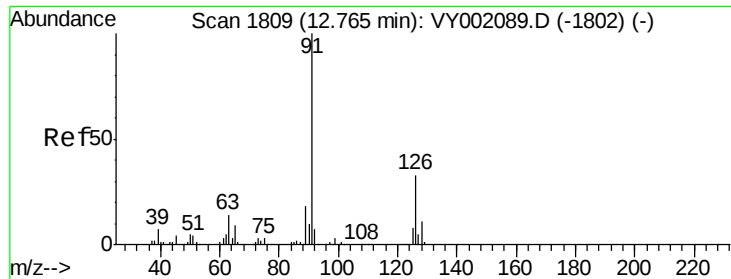
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

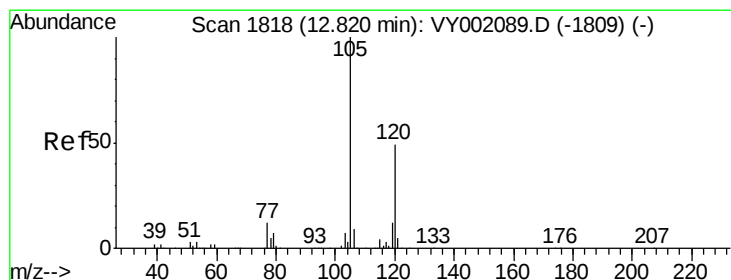
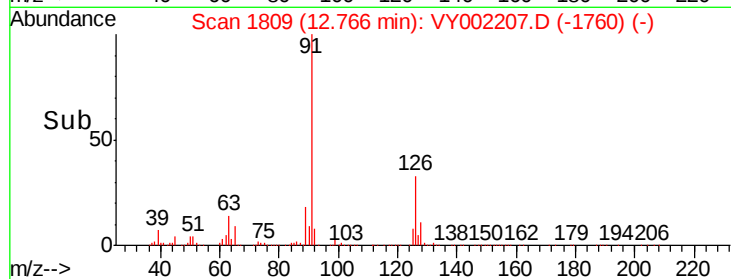
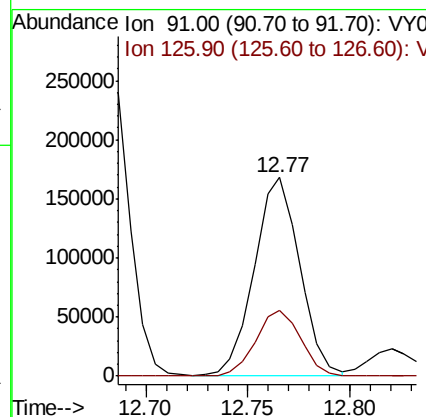
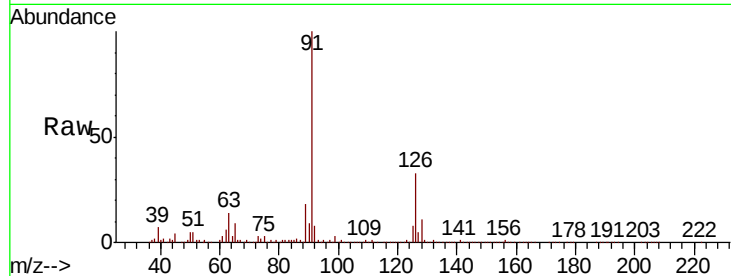




#79
 2-Chlorotoluene
 Concen: 47.803 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

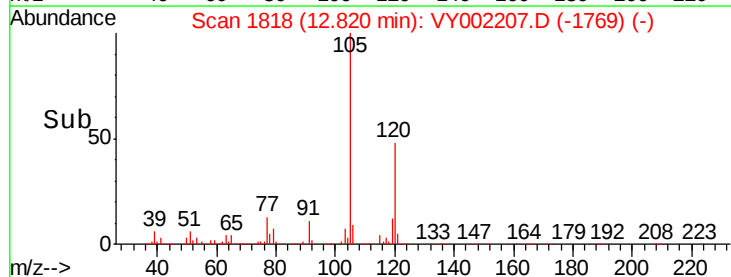
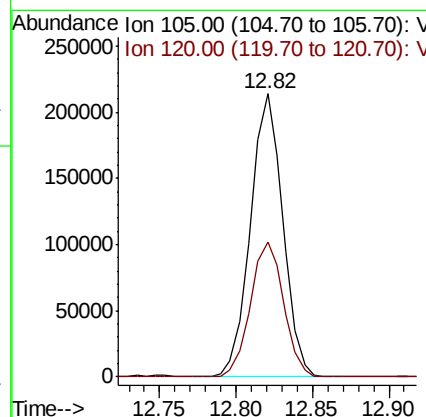
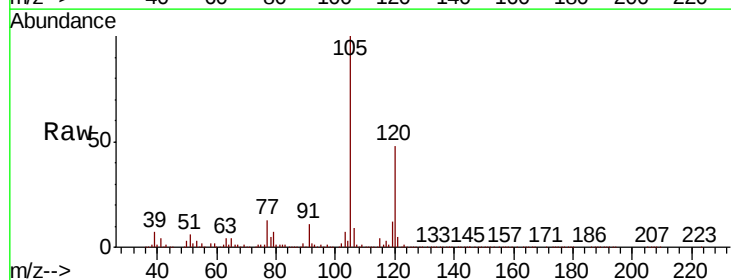
Instrument :
 MSVOA_Y
 ClientSampled :

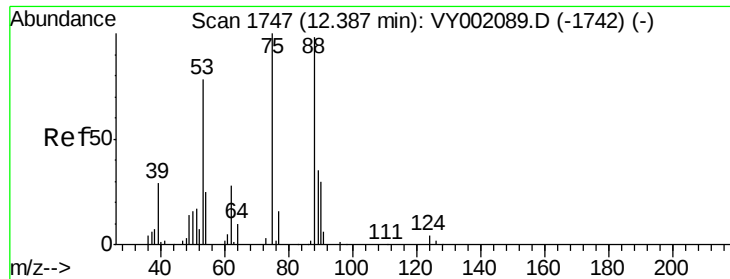
Tot Ion: 91 Resp: 258304
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.706 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion: 105 Resp: 312133
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.024 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

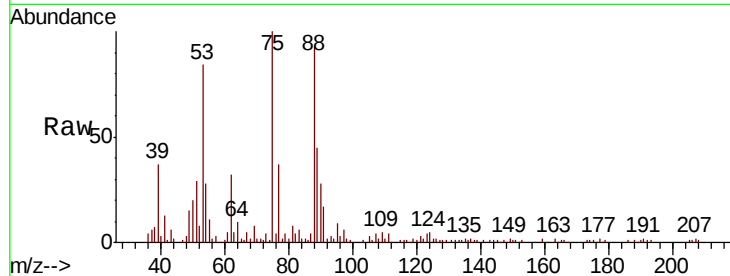
Tot Ion: 75 Resp: 31495

Ion Ratio Lower Upper

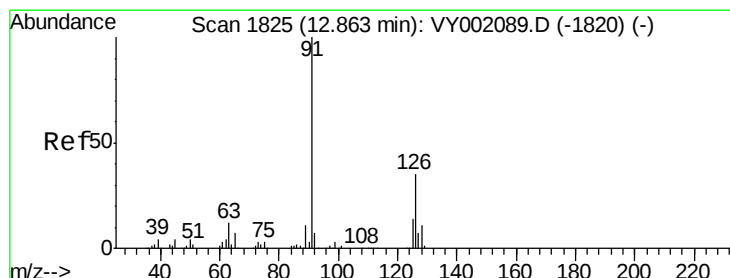
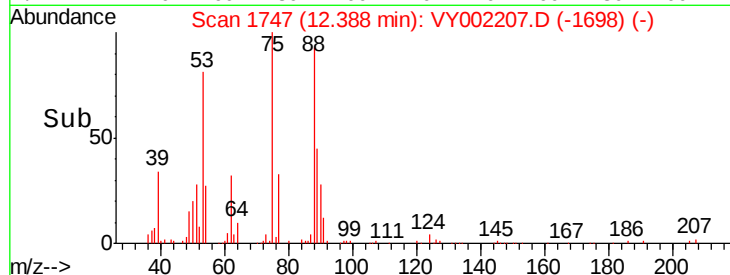
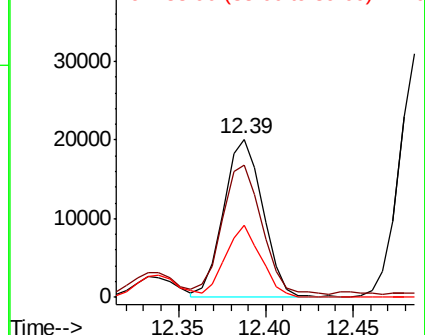
75 100

53 81.4 65.0 97.4

89 41.1 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: 47.583 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002207.D

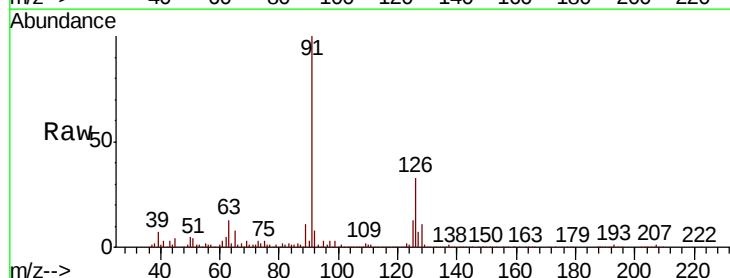
Acq: 02 Apr 2020 20:49

Tgt Ion: 91 Resp: 270936

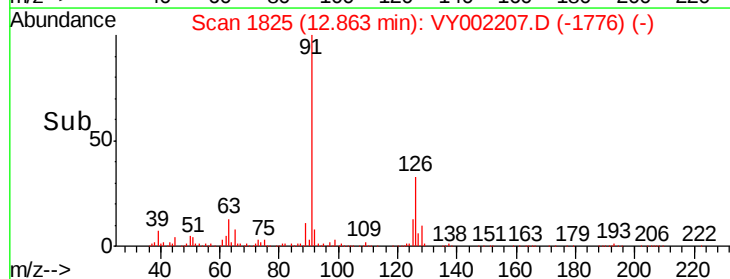
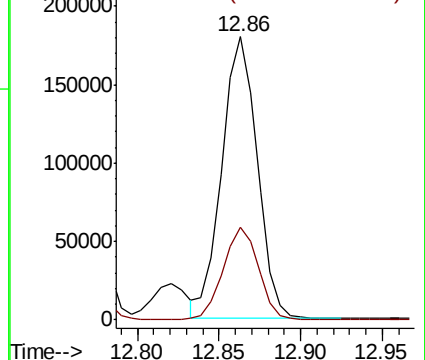
Ion Ratio Lower Upper

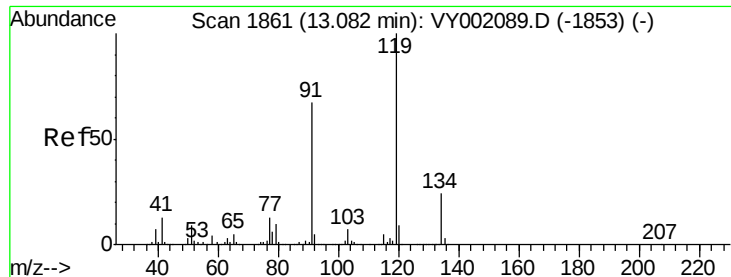
91 100

126 32.9 16.3 48.9



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

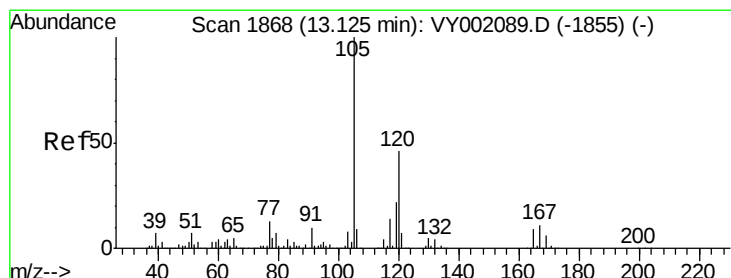
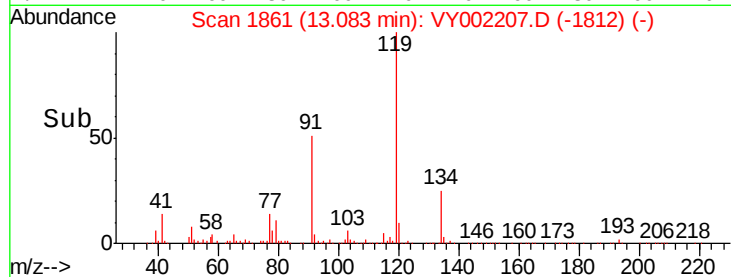
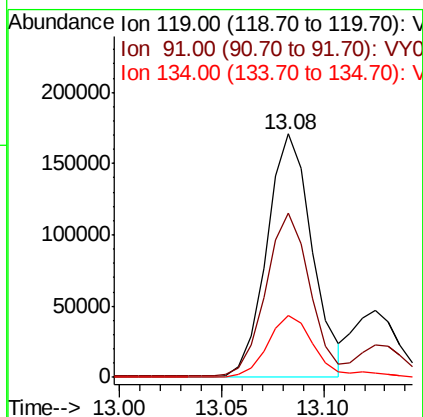
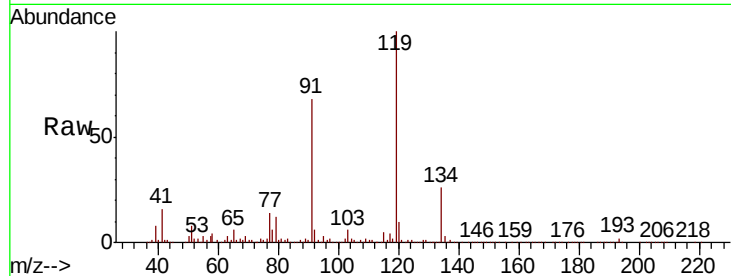




#83
 tert-Butylbenzene
 Concen: 48.336 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

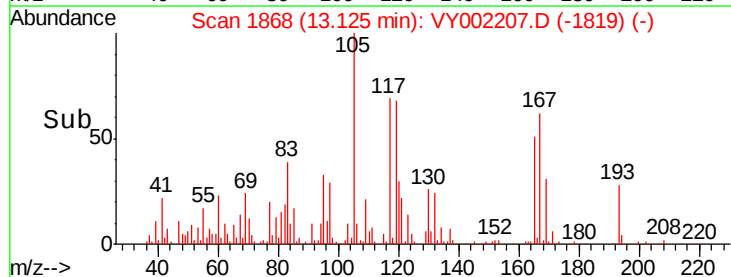
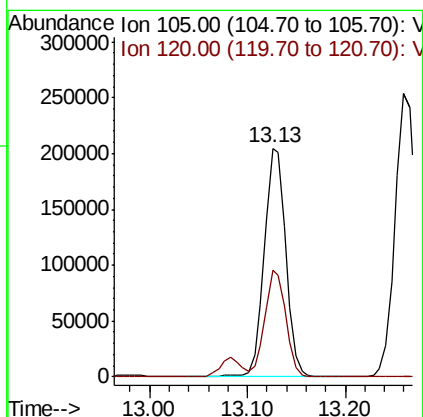
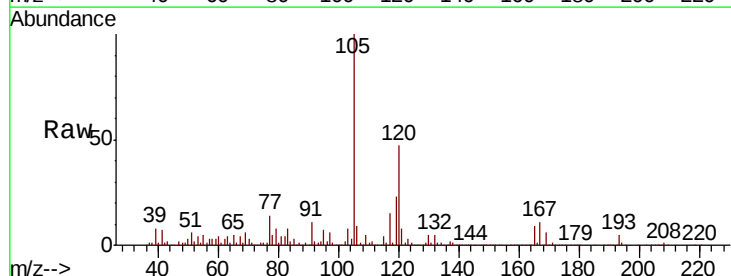
Instrument :
 MSVOA_Y
 ClientSampled :

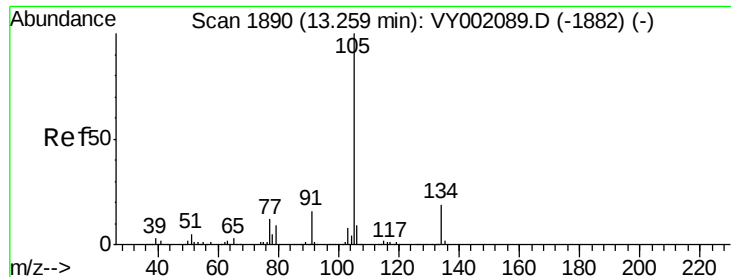
Tot Ion:119 Resp: 263982
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.9 98.6
 134 26.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.240 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion:105 Resp: 314911
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 47.663 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

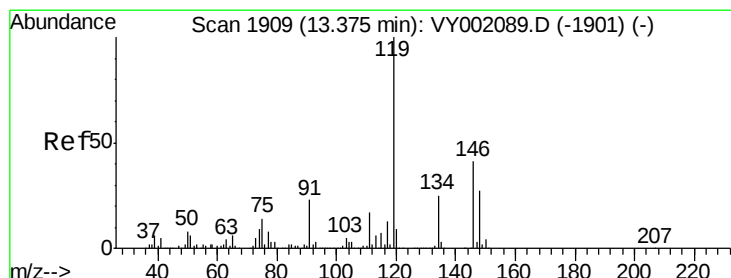
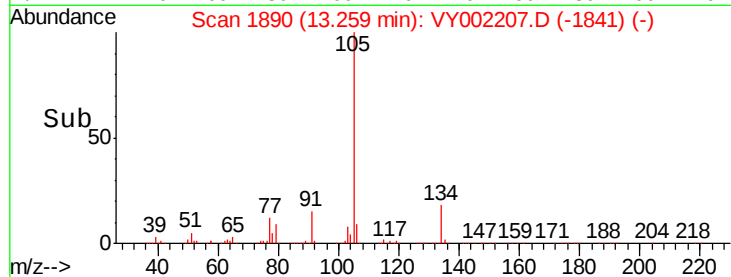
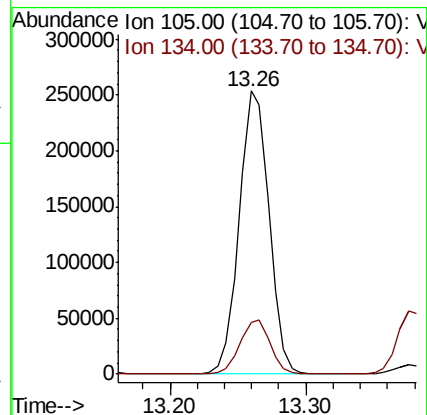
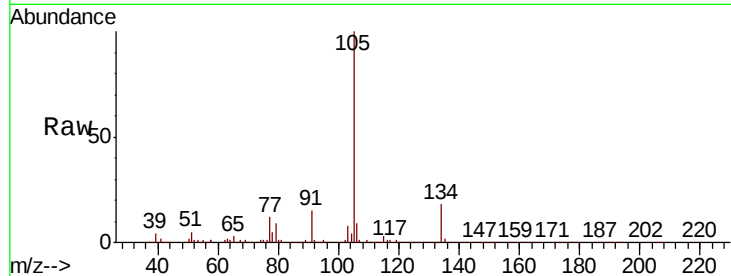
ClientSampleId :

Tot Ion:105 Resp: 385551

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 47.716 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

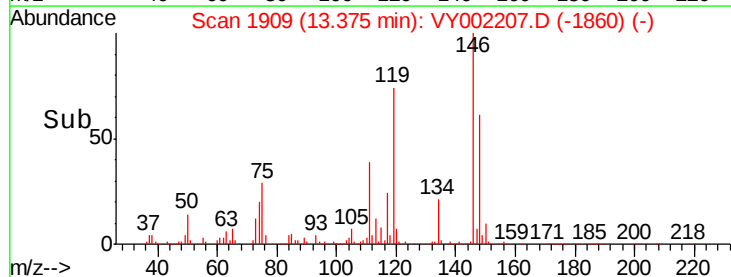
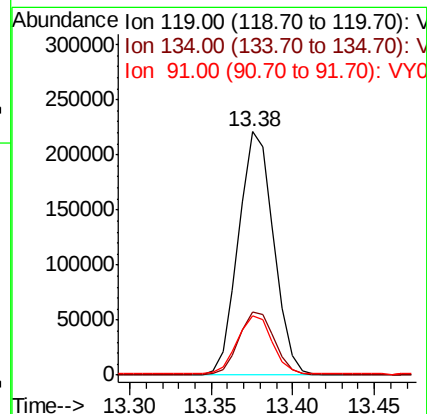
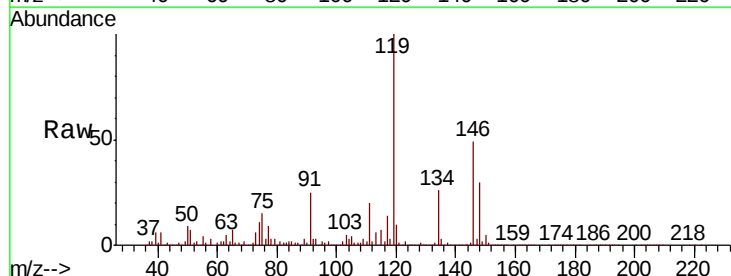
Tgt Ion:119 Resp: 331464

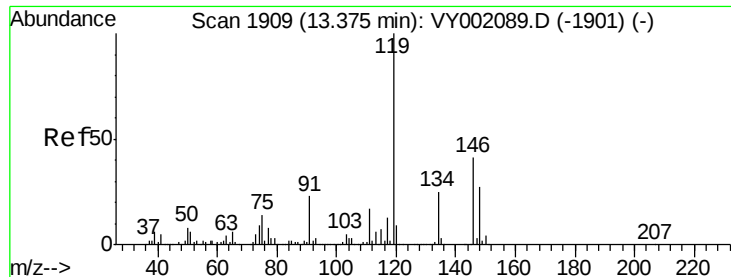
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.981 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002207.D

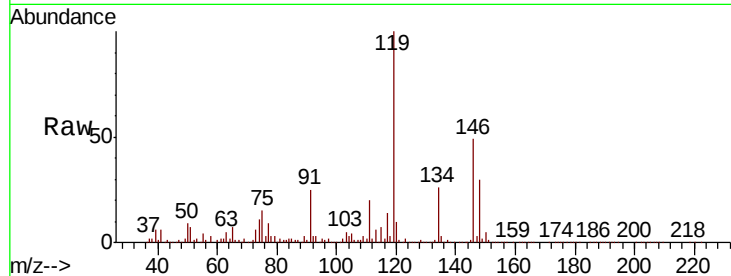
Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	158903
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.8
148	62.5	32.1	96.5

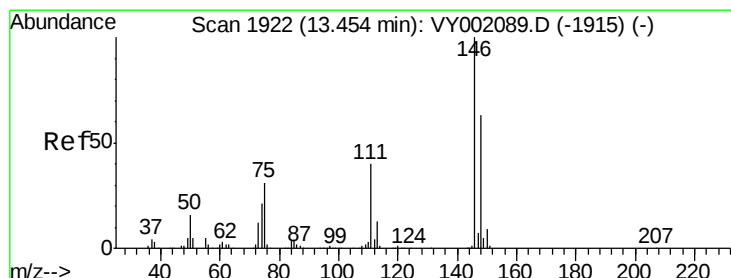
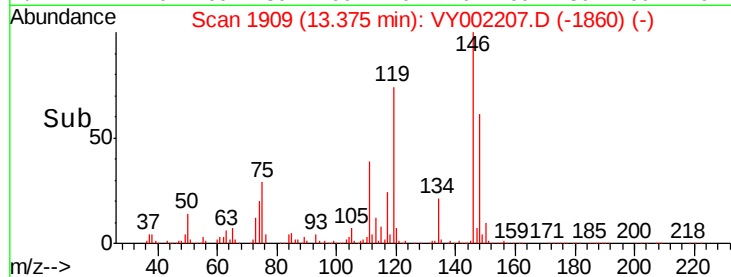
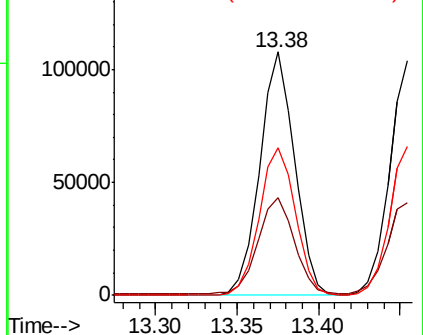


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.725 ug/l

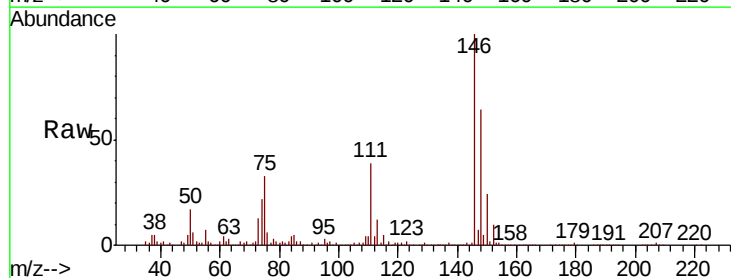
RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Tgt Ion:	146	Resp:	159049
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	63.9	31.5	94.5

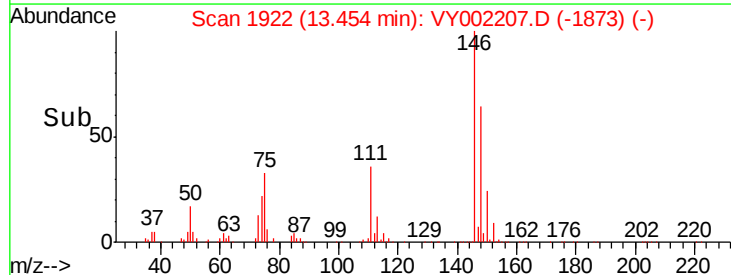
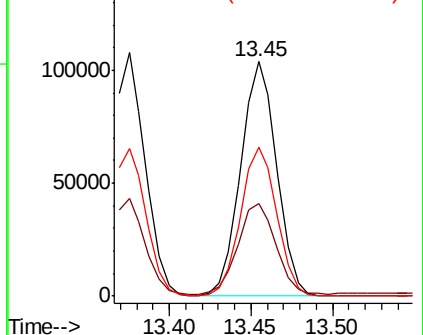


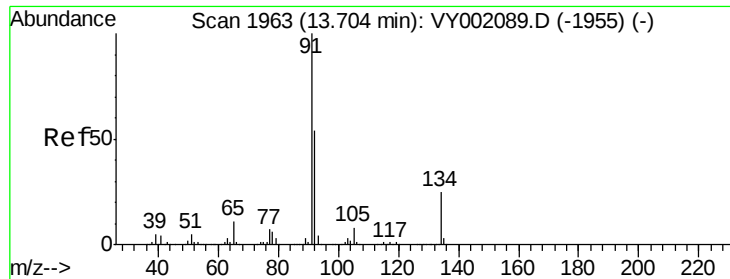
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 45.695 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

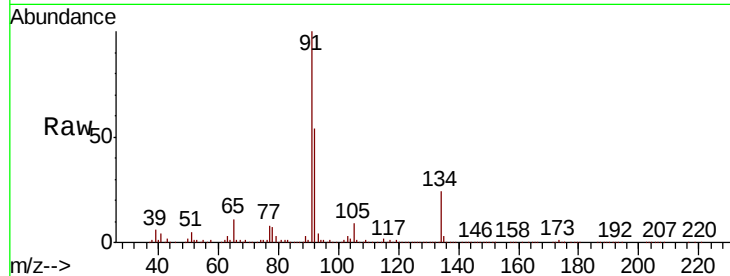
Tot Ion: 91 Resp: 330729

Ion Ratio Lower Upper

91 100

92 53.9 27.0 81.0

134 24.6 12.3 36.8



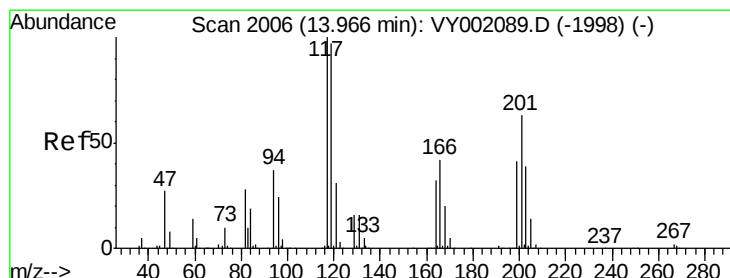
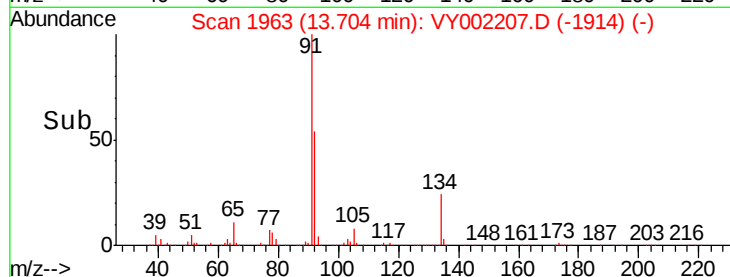
Abundance Ion 91.00 (90.70 to 91.70): VY002207.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002207.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002207.D (-1955) (-)

13.70

Time--> 13.60 13.65 13.70 13.75



#90

Hexachloroethane

Concen: 49.445 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002207.D

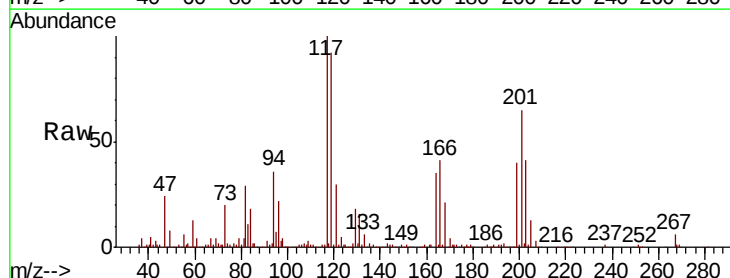
Acq: 02 Apr 2020 20:49

Tgt Ion: 117 Resp: 64722

Ion Ratio Lower Upper

117 100

201 63.9 31.6 94.8

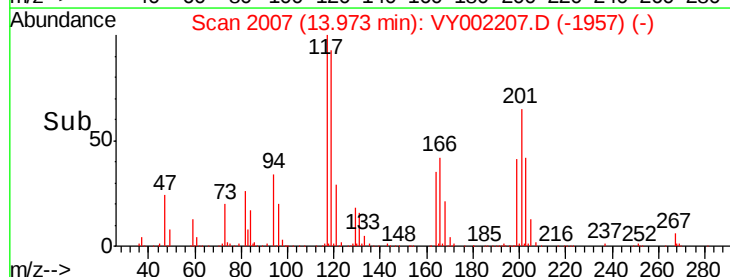


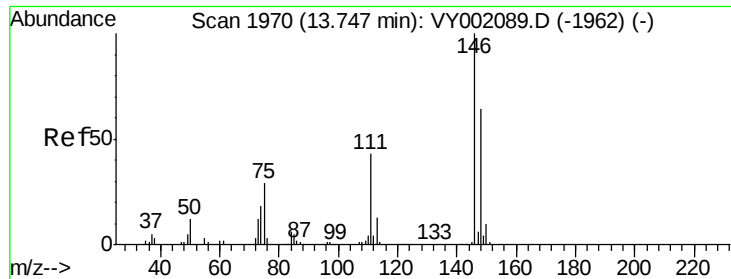
Abundance Ion 116.80 (116.50 to 117.50): VY002207.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002207.D (-1957) (-)

13.97

Time--> 13.90 14.00





#91

1,2-Dichlorobenzene

Concen: 48.184 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

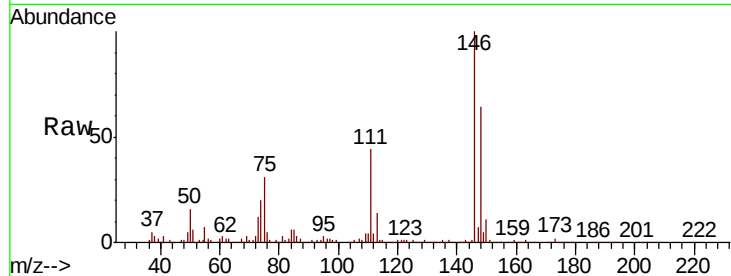
Tot Ion:146 Resp: 147365

Ion Ratio Lower Upper

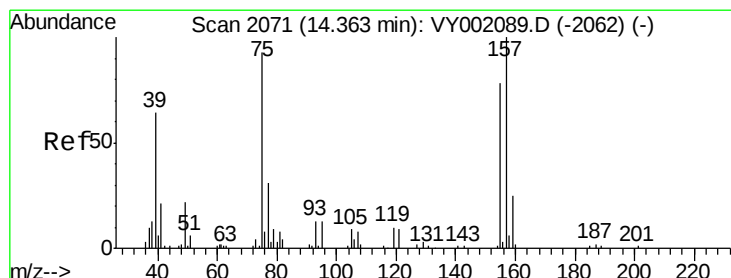
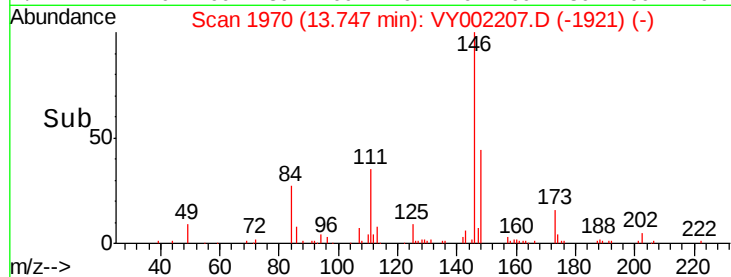
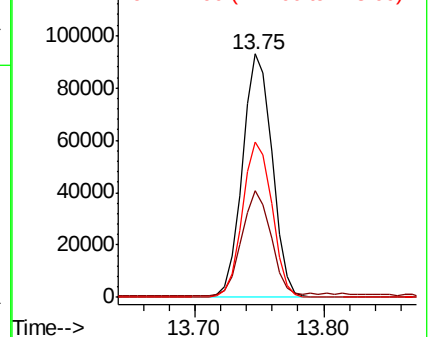
146 100

111 43.3 21.3 63.7

148 64.0 31.8 95.4



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.921 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

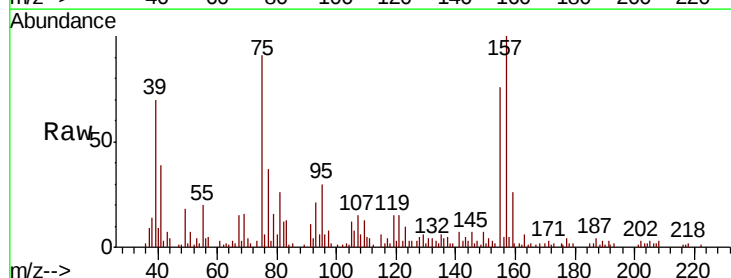
Tgt Ion: 75 Resp: 13646

Ion Ratio Lower Upper

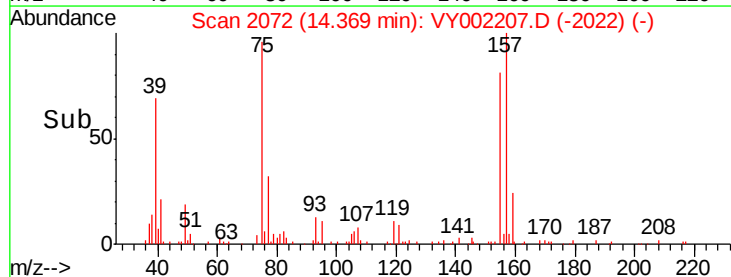
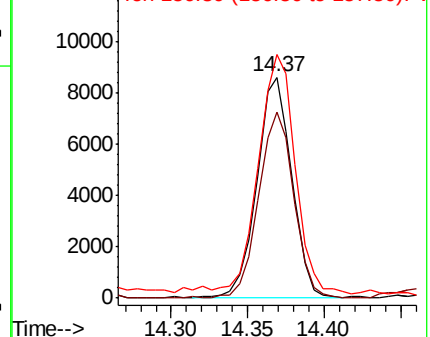
75 100

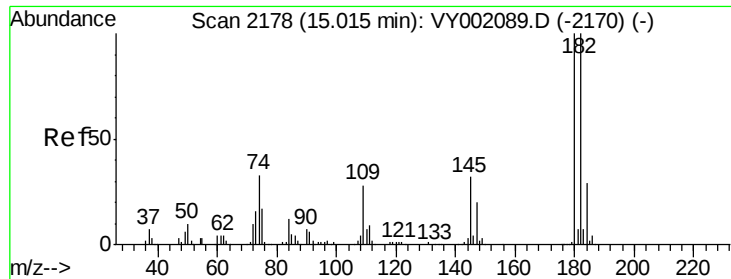
155 85.1 41.6 124.9

157 114.9 53.4 160.3



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

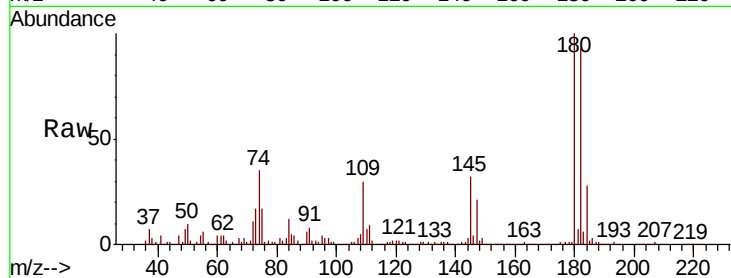




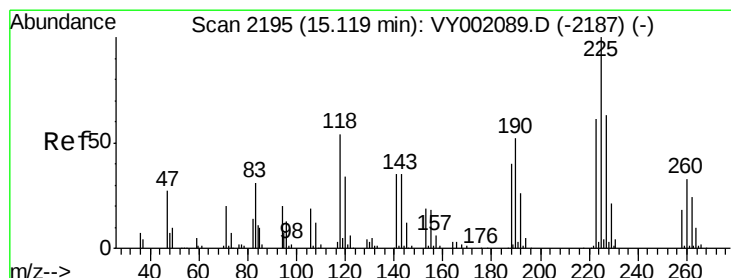
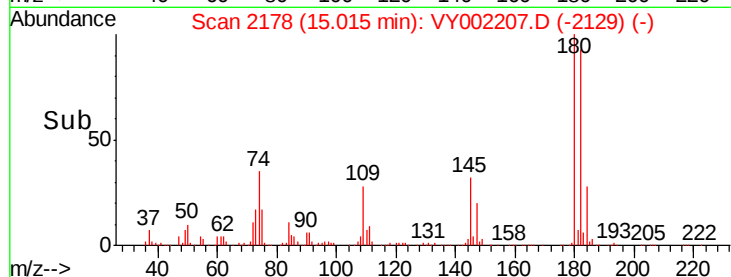
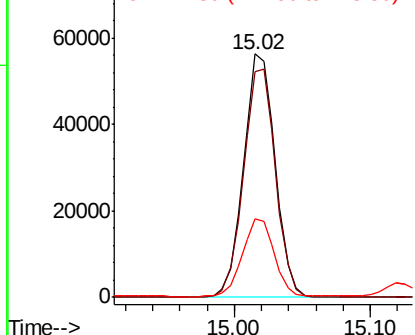
#93
 1,2,4-Trichlorobenzene
 Concen: 46.300 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 91270
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.1 144.3
 145 31.8 15.9 47.6

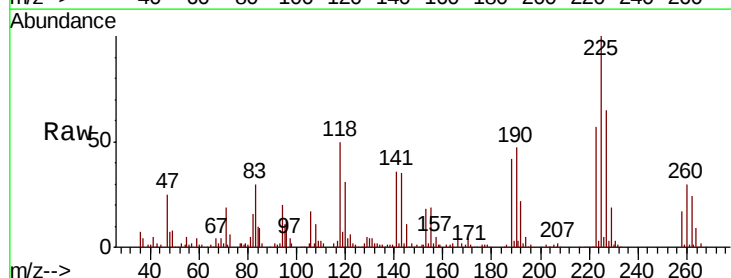


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

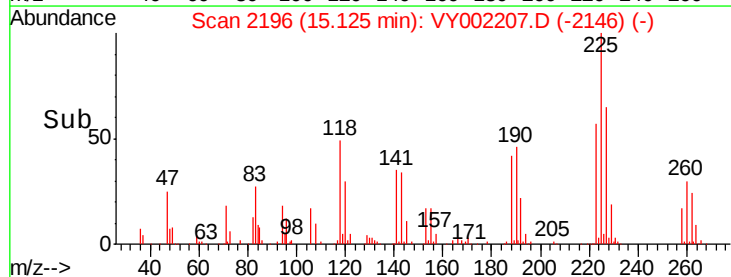
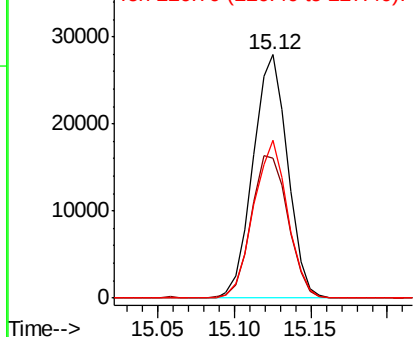


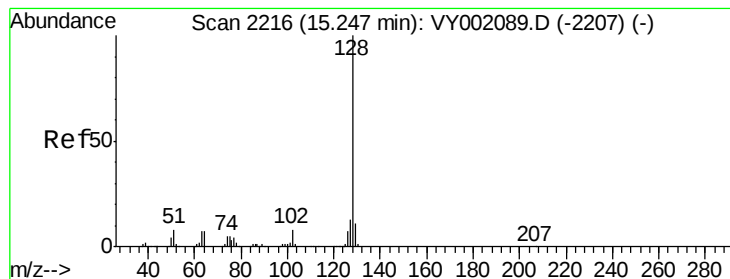
#94
 Hexachlorobutadiene
 Concen: 45.260 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002207.D
 Acq: 02 Apr 2020 20:49

Tgt Ion:225 Resp: 44041
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.3
 227 63.8 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: 49.856 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

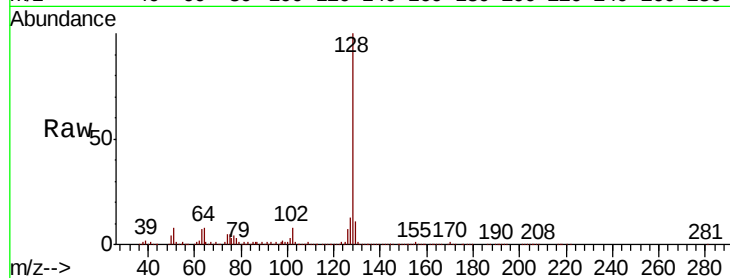
Tot Ion:128 Resp: 233432

Ion Ratio Lower Upper

128 100

127 13.1 9.8 14.8

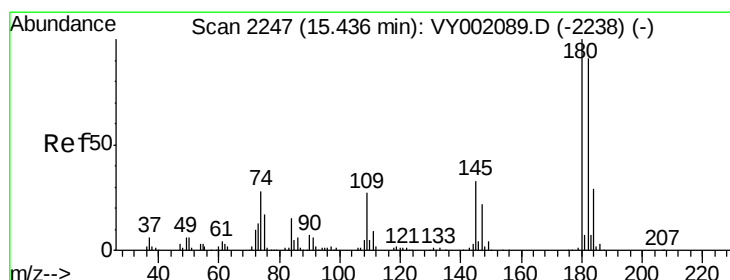
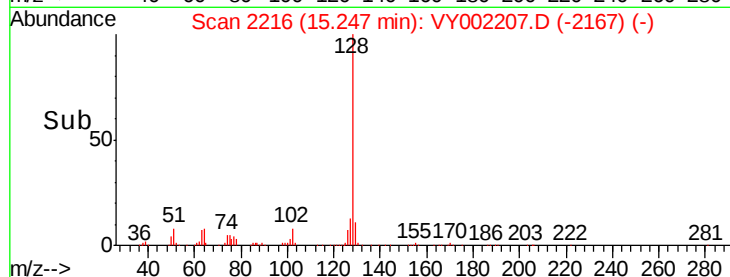
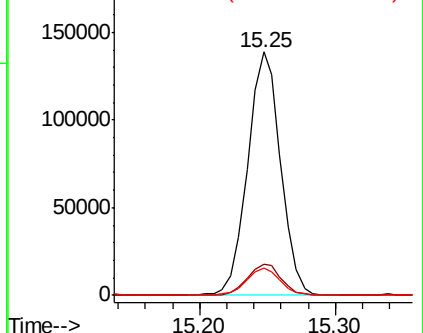
129 11.2 8.6 13.0



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: 46.144 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002207.D

Acq: 02 Apr 2020 20:49

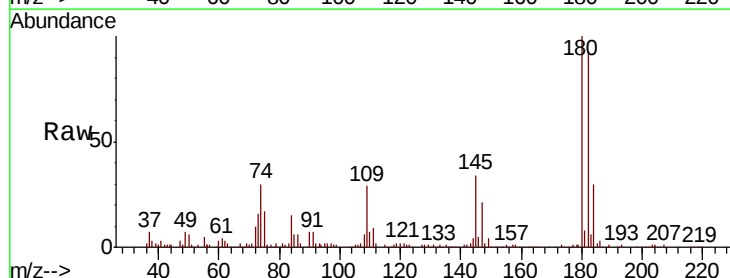
Tgt Ion:180 Resp: 82488

Ion Ratio Lower Upper

180 100

182 94.2 46.8 140.3

145 34.3 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

