

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002180.D
 Acq On : 01 Apr 2020 21:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:26:05 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	7.82	168	140161	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	264015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	244327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	109639	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	79549	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
35) Dibromofluoromethane	7.75	113	74077	50.08	ug/l	0.01
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.20	98	299248	48.69	ug/l	0.01
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.50	95	106022	49.33	ug/l	0.01
Spiked Amount			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	40803	44.466	ug/l	97
3) Chloromethane	2.13	50	72554	44.295	ug/l	95
4) Vinyl Chloride	2.27	62	77875	46.747	ug/l	98
5) Bromomethane	2.67	94	56842	52.285	ug/l	99
6) Chloroethane	2.82	64	52145	48.749	ug/l	100
7) Trichlorofluoromethane	3.15	101	109258	47.860	ug/l	98
8) Diethyl Ether	3.55	74	49438	51.130	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	72019	48.085	ug/l	98
10) Methyl Iodide	4.12	142	79710	44.757	ug/l	99
11) Tert butyl alcohol	5.00	59	47781	261.681	ug/l	99
12) 1,1-Dichloroethene	3.91	96	74562	49.026	ug/l	97
13) Acrolein	3.76	56	70535	309.076	ug/l	99
14) Allyl chloride	4.51	41	139177	49.988	ug/l	99
15) Acrylonitrile	5.21	53	141805	279.810	ug/l	100
16) Acetone	3.98	43	98203	225.591	ug/l	97
17) Carbon Disulfide	4.22	76	239469	47.446	ug/l	100
18) Methyl Acetate	4.51	43	60100	53.167	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	228245	53.797	ug/l	98
20) Methylene Chloride	4.75	84	92157	51.263	ug/l	96
21) trans-1,2-Dichloroethene	5.26	96	88290	50.986	ug/l	97
22) Diisopropyl ether	6.16	45	300703	52.775	ug/l	94
23) Vinyl Acetate	6.10	43	1012965	271.118	ug/l	99
24) 1,1-Dichloroethane	6.05	63	157646	52.037	ug/l	99
25) 2-Butanone	7.02	43	177823	266.032	ug/l	98
26) 2,2-Dichloropropane	7.02	77	120080	48.127	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	99352	52.152	ug/l	100
28) Bromochloromethane	7.36	49	74021	53.520	ug/l	100
29) Tetrahydrofuran	7.38	42	122597	279.745	ug/l	99
30) Chloroform	7.54	83	150134	52.284	ug/l	97
31) Cyclohexane	7.81	56	152958	47.383	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	122287	51.006	ug/l	99
36) 1,1-Dichloropropene	7.94	75	120828	48.385	ug/l	100
37) Ethyl Acetate	7.11	43	80088	53.071	ug/l	99
38) Carbon Tetrachloride	7.93	117	104043	49.107	ug/l	96

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

39) Methylcyclohexane	9.21	83	154828	47.267	ug/l	99
40) Benzene	8.19	78	371648	50.243	ug/l	100
41) Methacrylonitrile	7.38	41	108881	142.639	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	99689	50.762	ug/l	99
43) Isopropyl Acetate	8.30	43	148972	53.187	ug/l	99
44) Trichloroethene	8.96	130	88537	49.654	ug/l	91
45) 1,2-Dichloropropane	9.24	63	96350	51.156	ug/l	98
46) Dibromomethane	9.33	93	51136	52.867	ug/l	100
47) Bromodichloromethane	9.52	83	117746	52.291	ug/l	100
48) Methyl methacrylate	9.31	41	66480	52.965	ug/l	99
49) 1,4-Dioxane	9.32	88	14212	1070.727	ug/l	100
51) 4-Methyl-2-Pentanone	10.09	43	400135	277.440	ug/l	99
52) Toluene	10.26	92	227312	50.808	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	129212	51.700	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	152998	51.995	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	74752	52.216	ug/l	95
56) Ethyl methacrylate	10.52	69	114333	54.680	ug/l	98
57) 1,3-Dichloropropane	10.81	76	132964	52.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	304633	283.534	ug/l	100
59) 2-Hexanone	10.85	43	270313	266.072	ug/l	99
60) Dibromochloromethane	11.00	129	80818	53.949	ug/l	99
61) 1,2-Dibromoethane	11.11	107	71654	53.475	ug/l	98
64) Tetrachloroethene	10.74	164	72018	48.177	ug/l	99
65) Chlorobenzene	11.53	112	236980	50.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	79680	50.499	ug/l	100
67) Ethyl Benzene	11.61	91	436244	49.803	ug/l	99
68) m/p-Xylenes	11.72	106	319407	98.623	ug/l	100
69) o-Xylene	12.05	106	154260	50.211	ug/l	99
70) Styrene	12.06	104	271272	50.956	ug/l	99
71) Bromoform	12.22	173	44968	52.035	ug/l #	98
73) Isopropylbenzene	12.35	105	407634	50.120	ug/l	100
74) N-amyl acetate	12.16	43	134372	52.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	94838	54.189	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	120841	98.532	ug/l #	100
77) Bromobenzene	12.63	156	89806	51.726	ug/l	100
78) n-propylbenzene	12.69	91	496914	49.234	ug/l	99
79) 2-Chlorotoluene	12.77	91	277420	50.061	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	336914	50.210	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34034	53.763	ug/l	99
82) 4-Chlorotoluene	12.87	91	290737	49.787	ug/l	99
83) tert-Butylbenzene	13.09	119	284218	50.744	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	337957	50.480	ug/l	98
85) sec-Butylbenzene	13.27	105	409584	49.371	ug/l	100
86) p-Isopropyltoluene	13.38	119	354334	49.737	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	170249	50.125	ug/l	97
88) 1,4-Dichlorobenzene	13.46	146	169372	49.555	ug/l	99
89) n-Butylbenzene	13.71	91	355789	47.932	ug/l	100
90) Hexachloroethane	13.97	117	68453	50.992	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	159234	50.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14919	53.217	ug/l	97

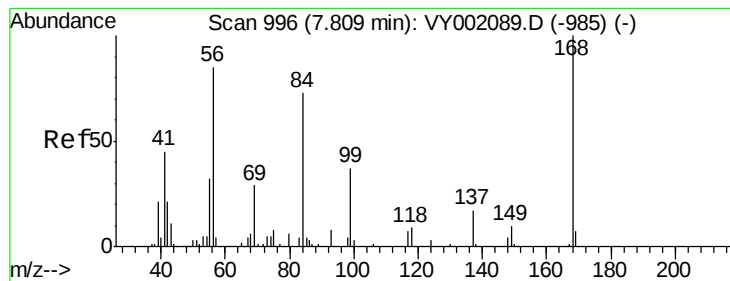
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	95592	47.283	ug/l	99
94) Hexachlorobutadiene	15.12	225	46117	46.213	ug/l	99
95) Naphthalene	15.25	128	248823	51.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	86944	47.425	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

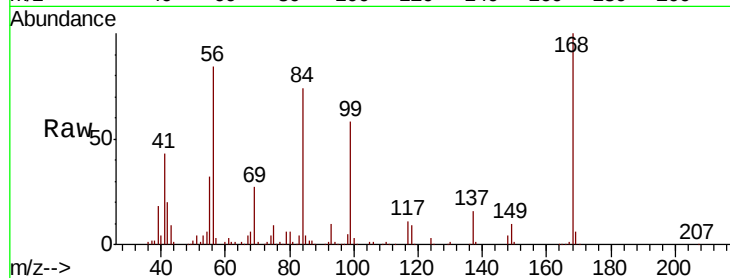
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 140161

Ion Ratio Lower Upper

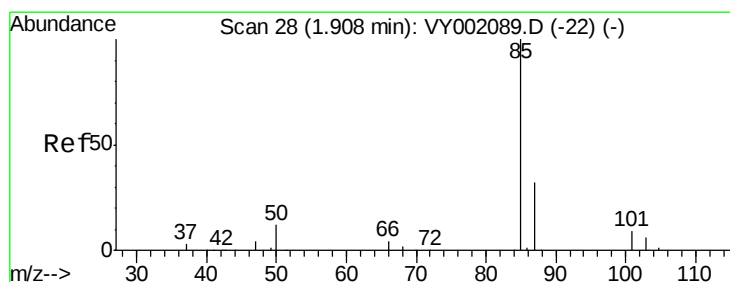
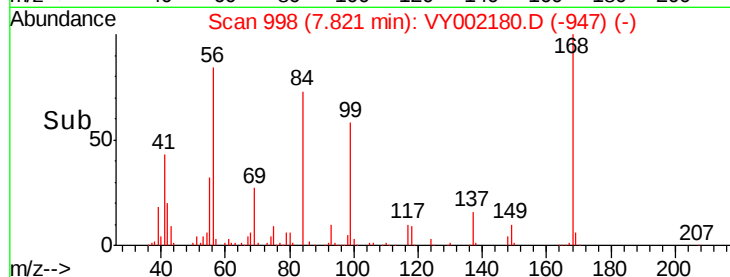
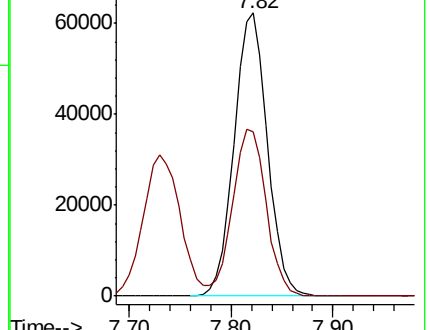
168 100

99 58.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002180.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002180.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 44.466 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002180.D

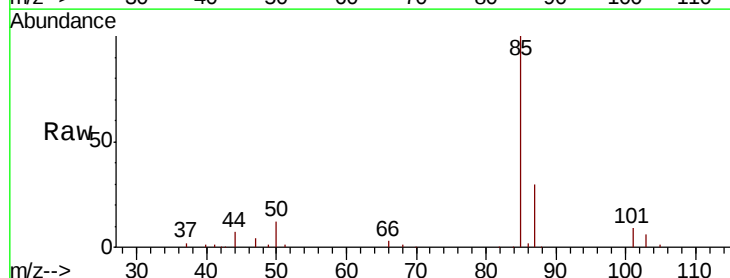
Acq: 01 Apr 2020 21:38

Tgt Ion: 85 Resp: 40803

Ion Ratio Lower Upper

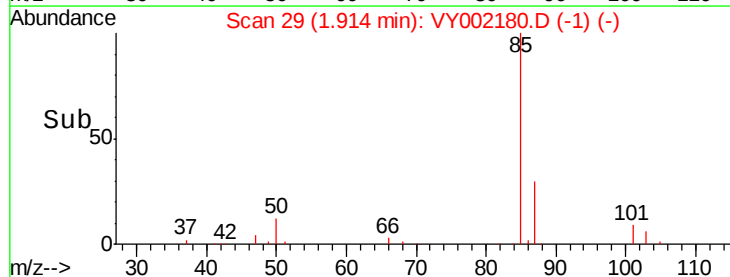
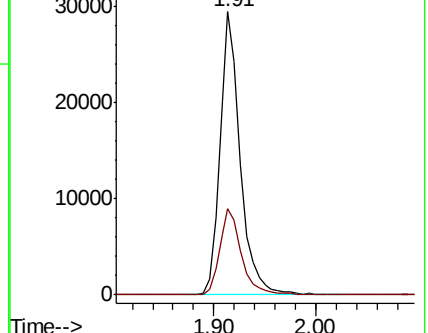
85 100

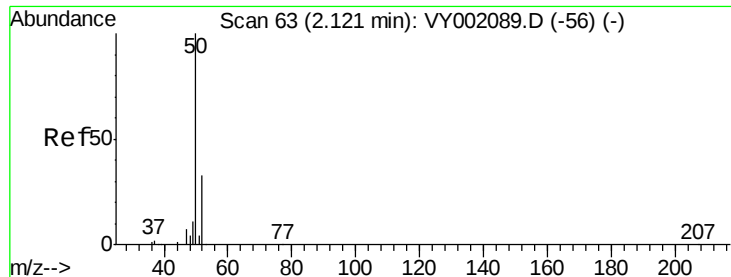
87 30.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002180.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002180.D (-1) (-)





#3

Chloromethane

Concen: 44.295 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

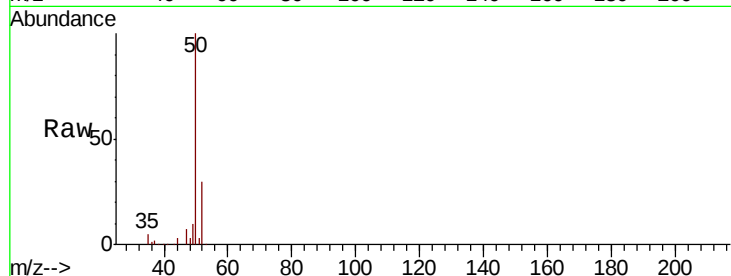
ClientSampled :

Tot Ion: 50 Resp: 72554

Ion Ratio Lower Upper

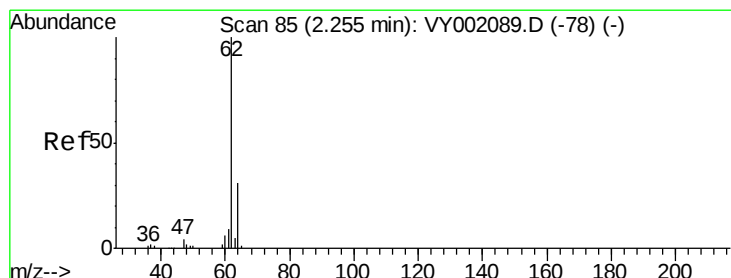
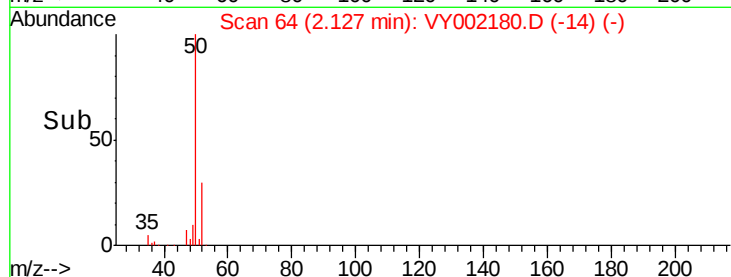
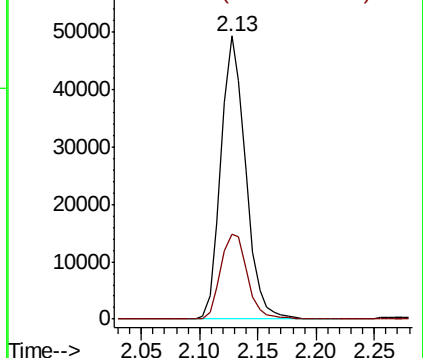
50 100

52 30.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.747 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002180.D

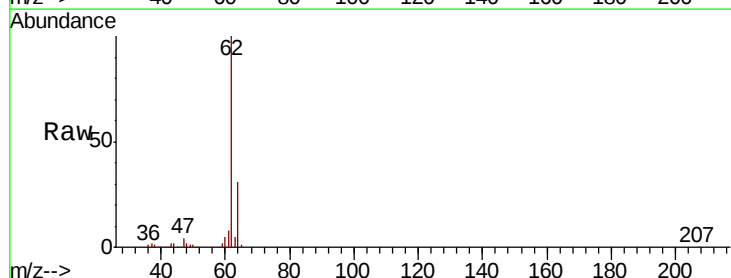
Acq: 01 Apr 2020 21:38

Tgt Ion: 62 Resp: 77875

Ion Ratio Lower Upper

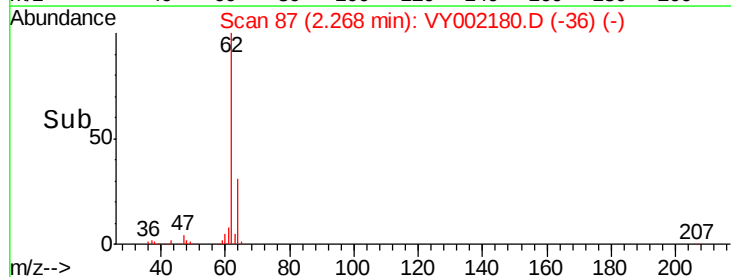
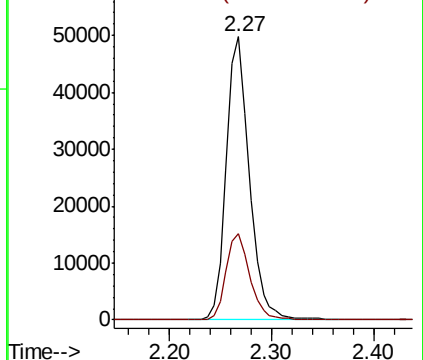
62 100

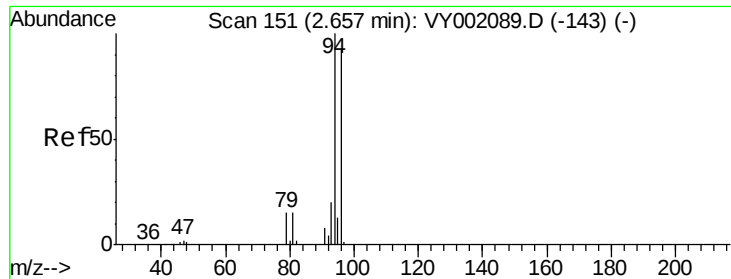
64 30.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.285 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

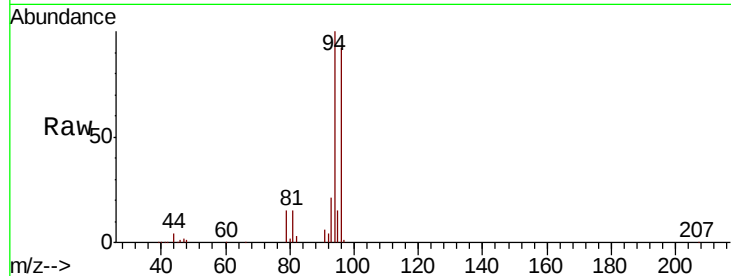
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 56842

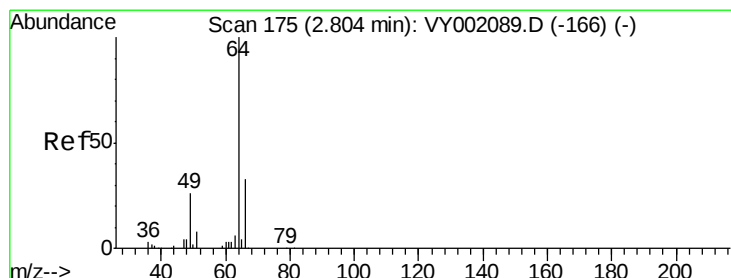
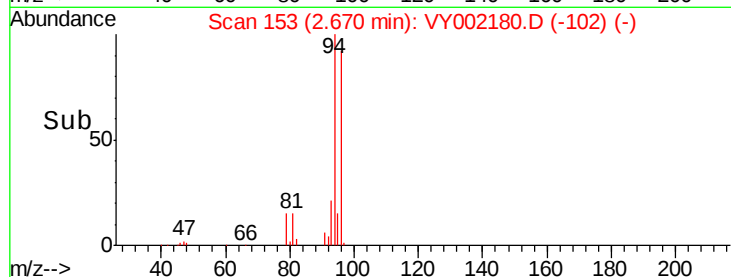
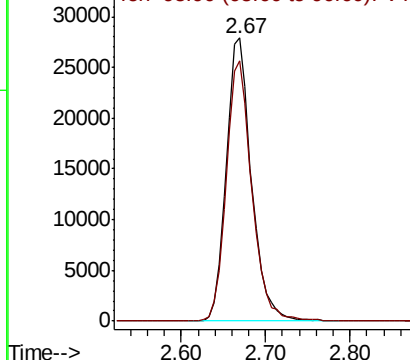
Ion Ratio Lower Upper

94 100

96 92.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.749 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002180.D

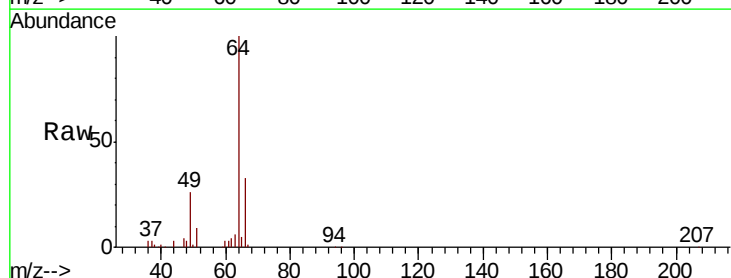
Acq: 01 Apr 2020 21:38

Tgt Ion: 64 Resp: 52145

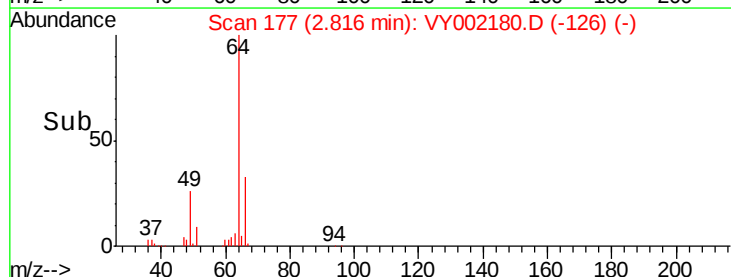
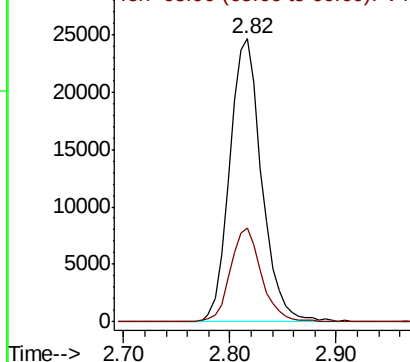
Ion Ratio Lower Upper

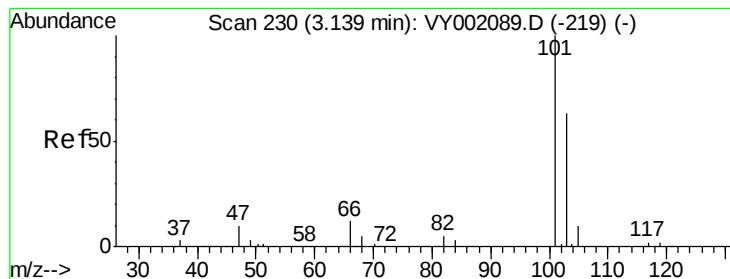
64 100

66 33.0 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



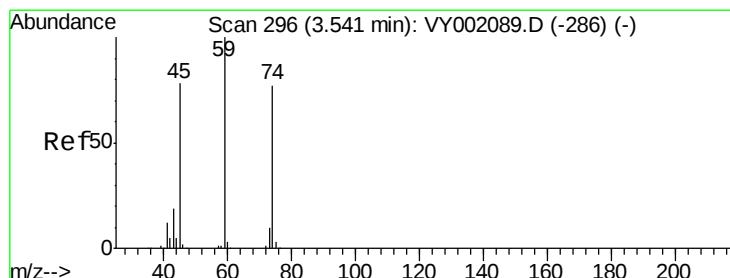
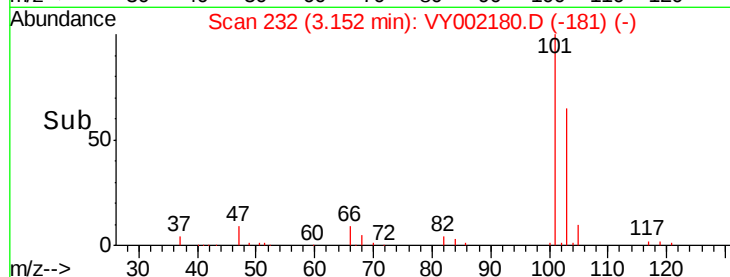
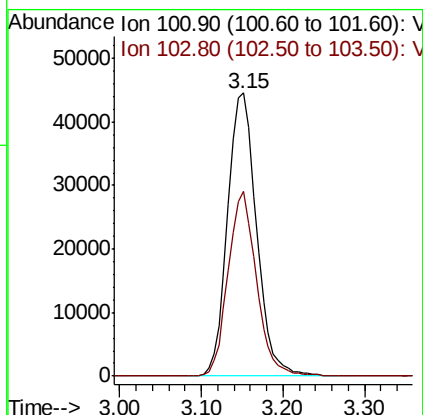
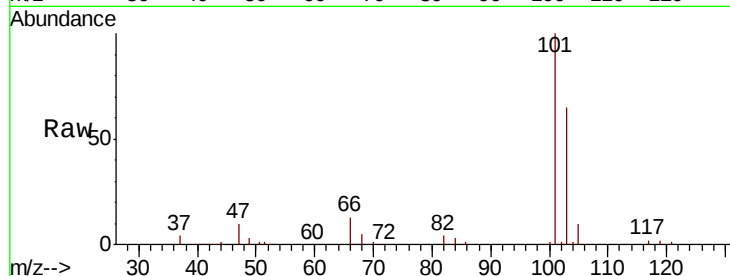


#7

Trichlorofluoromethane
Concen: 47.860 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

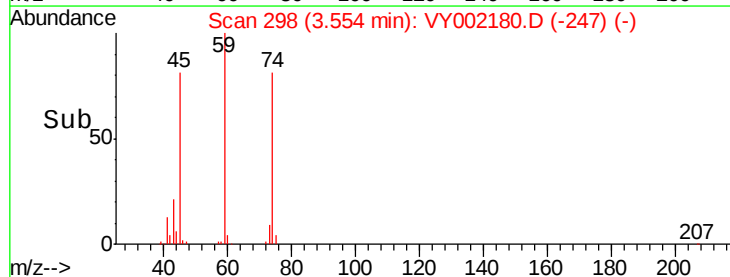
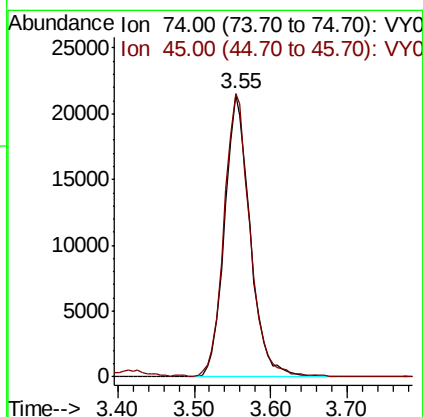
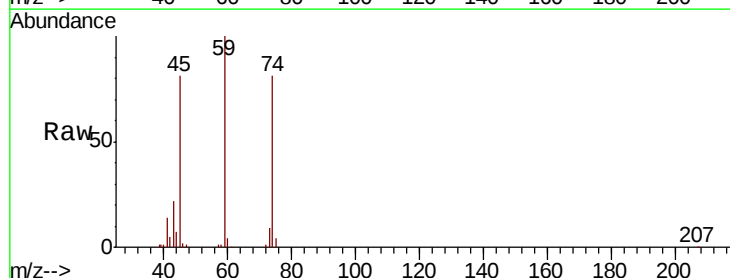
Tot Ion:101 Resp: 109258
Ion Ratio Lower Upper
101 100
103 65.1 50.6 76.0

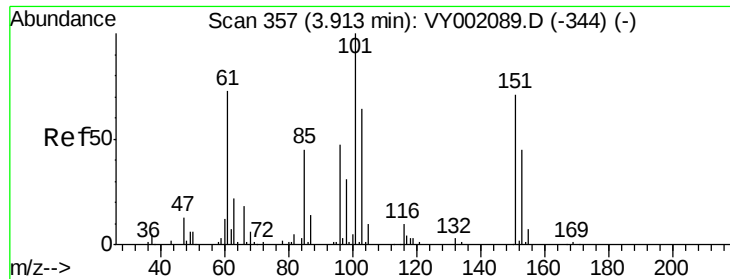


#8

Diethyl Ether
Concen: 51.130 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 74 Resp: 49438
Ion Ratio Lower Upper
74 100
45 102.6 51.0 153.0

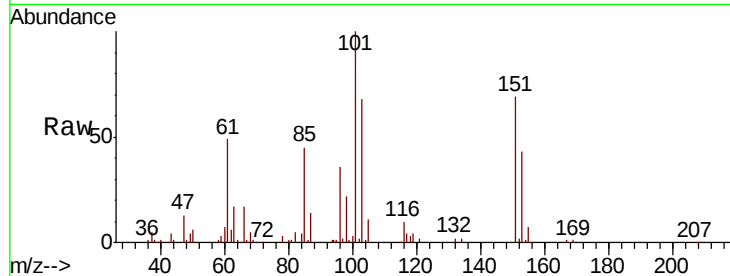




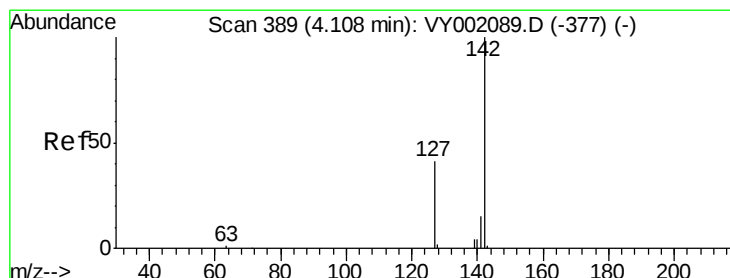
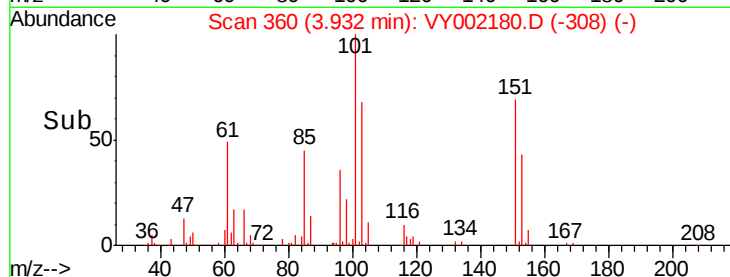
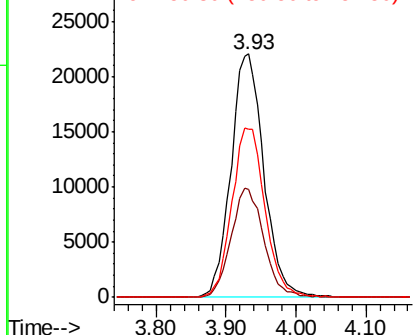
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.085 ug/l
 RT: 3.93 min Scan# 360
 Delta R.T. 0.02 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 72019
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.9 53.9
 151 69.8 57.5 86.3

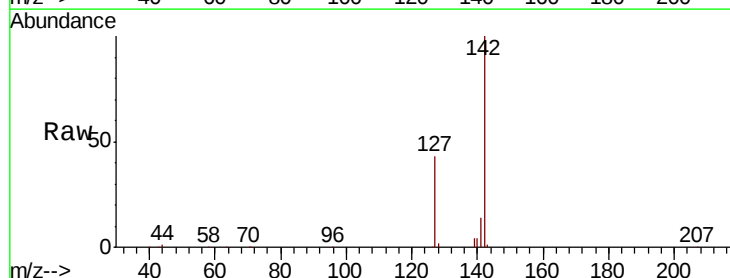


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

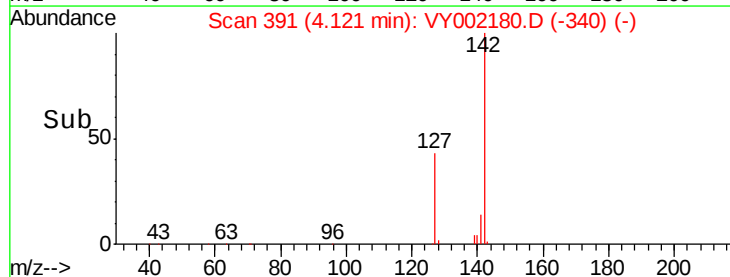
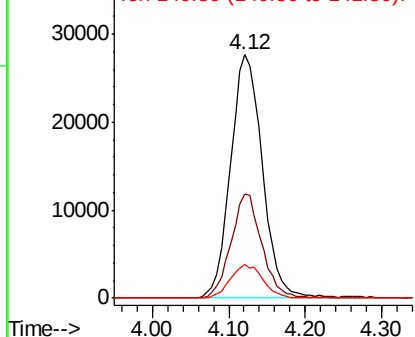


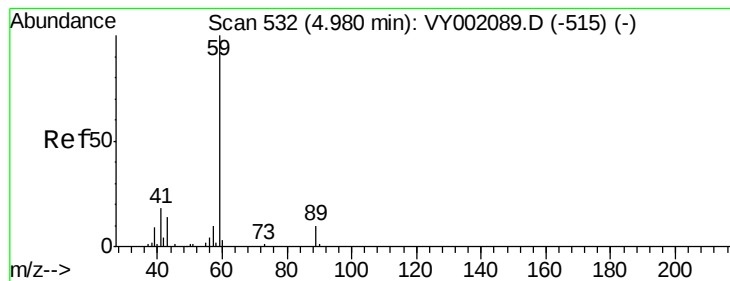
#10
 Methyl Iodide
 Concen: 44.757 ug/l
 RT: 4.12 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion:142 Resp: 79710
 Ion Ratio Lower Upper
 142 100
 127 41.1 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



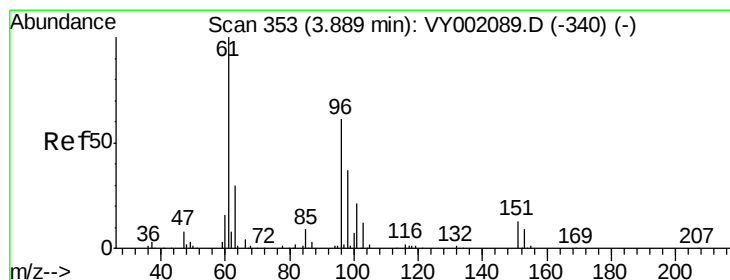
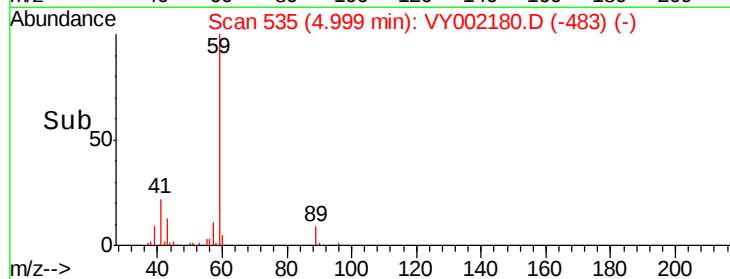
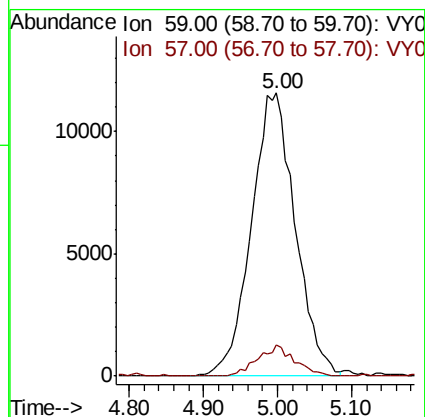
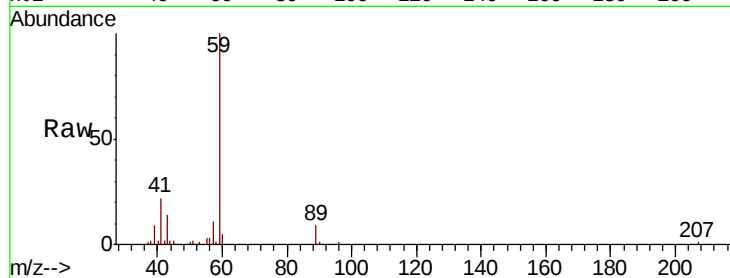


#11

Tert butyl alcohol
Concen: 261.681 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

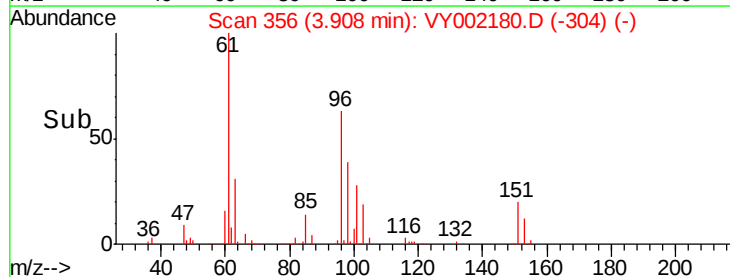
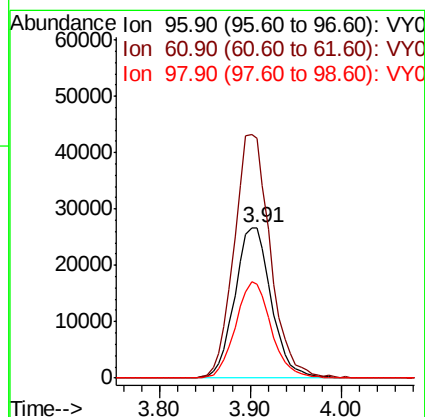
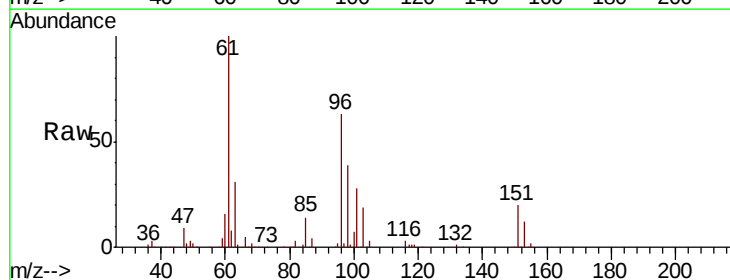
Tot Ion: 59 Resp: 47781
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5

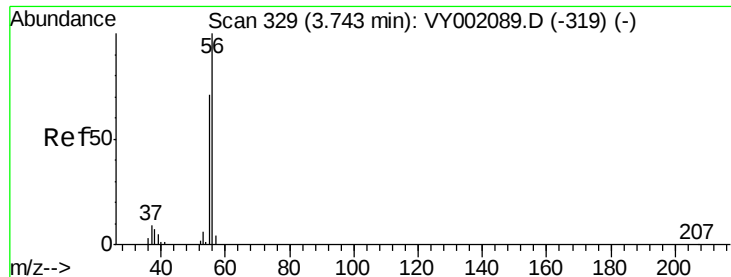


#12

1,1-Dichloroethene
Concen: 49.026 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 96 Resp: 74562
Ion Ratio Lower Upper
96 100
61 159.8 132.0 198.0
98 62.5 49.4 74.0





#13

Acrolein

Concen: 309.076 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

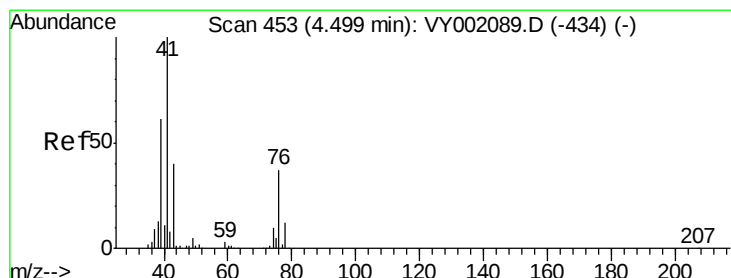
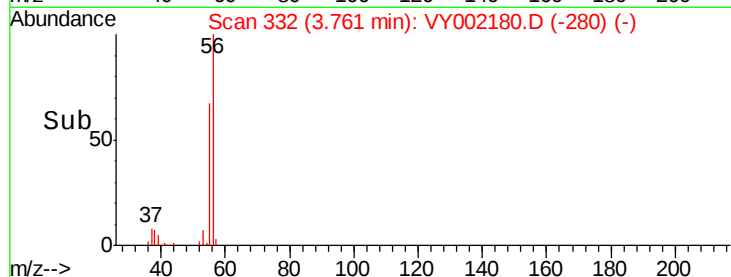
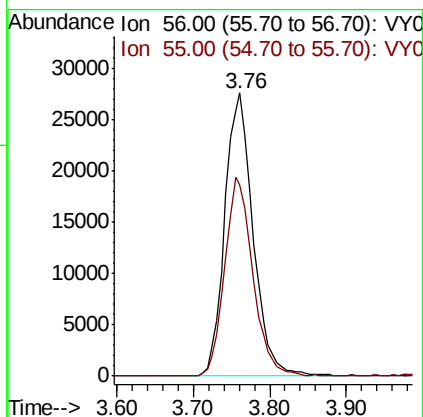
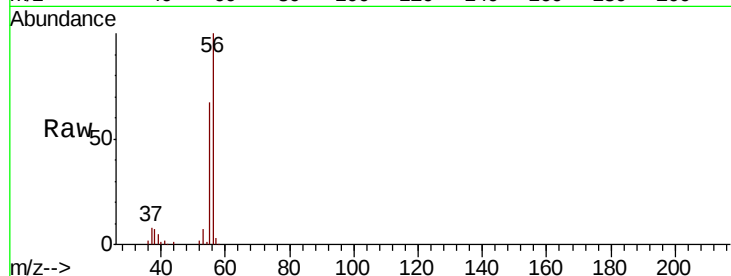
ClientSampled :

Tot Ion: 56 Resp: 70535

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Allyl chloride

Concen: 49.988 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

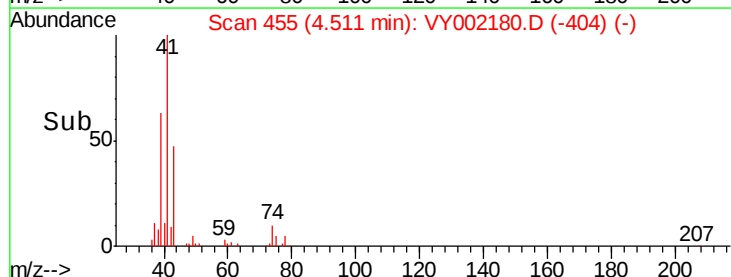
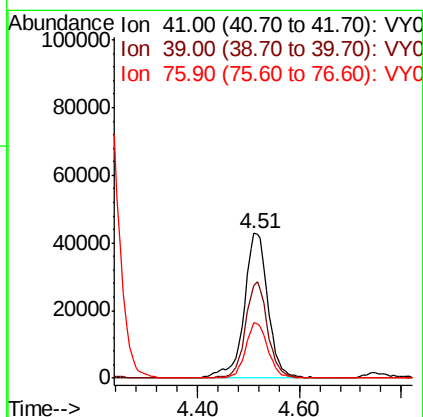
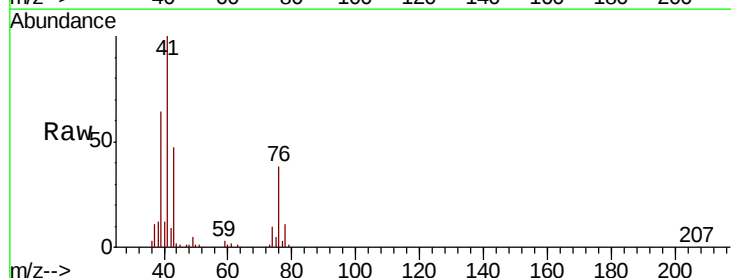
Tgt Ion: 41 Resp: 139177

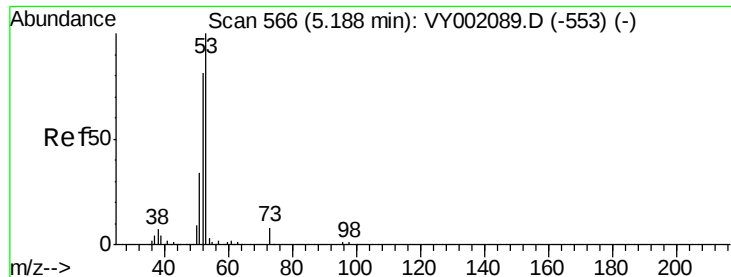
Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.4

76 35.4 27.8 41.8





#15

Acrylonitrile

Concen: 279.810 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

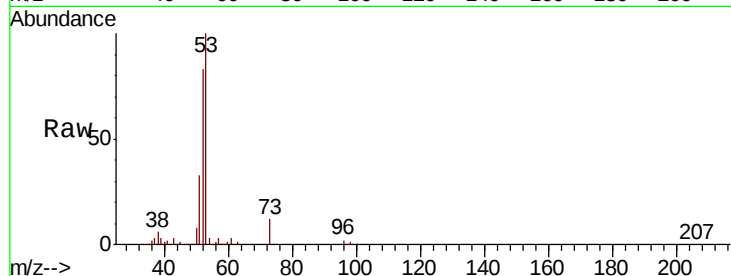
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 53 Resp: 141805

Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.6	97.0
51	34.2	27.9	41.9

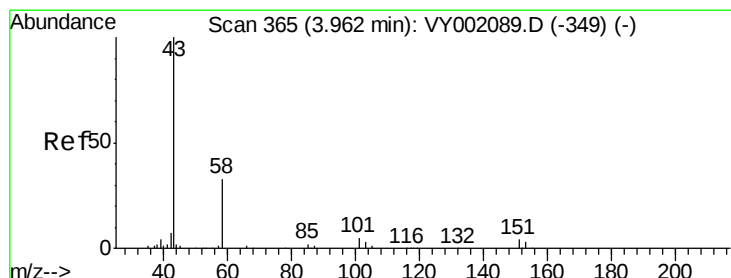
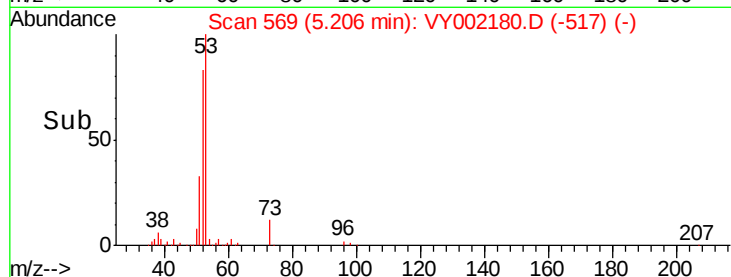
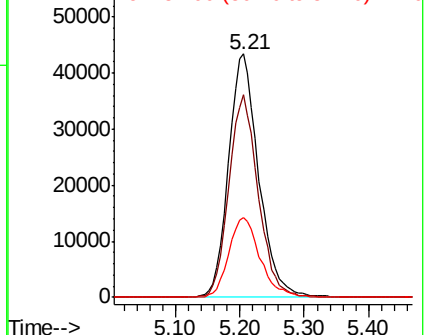


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 225.591 ug/l

RT: 3.98 min Scan# 368

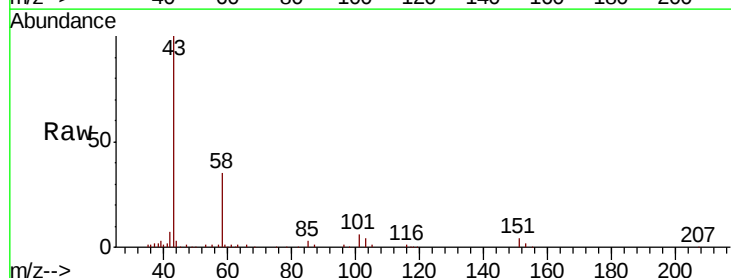
Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion: 43 Resp: 98203

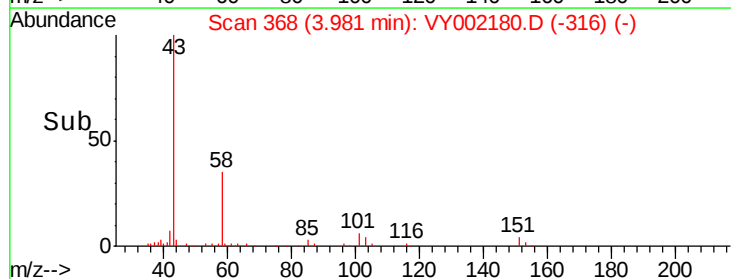
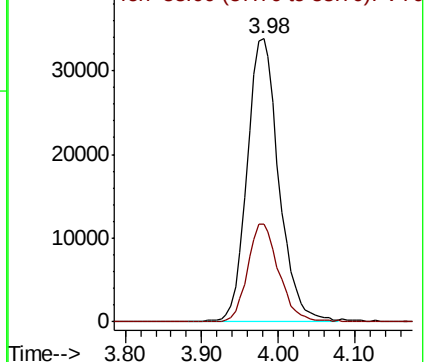
Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.3	39.5

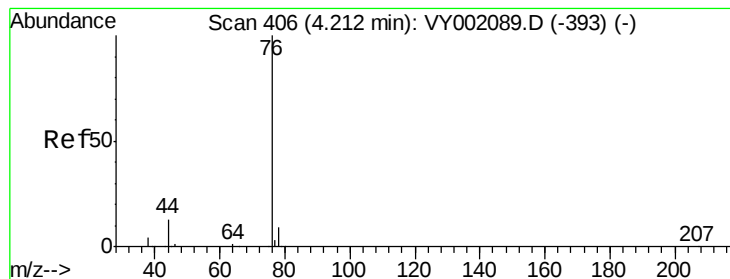


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 47.446 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

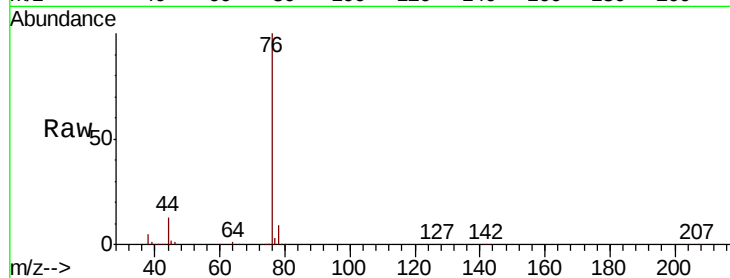
ClientSampleId :

Tot Ion: 76 Resp: 239469

Ion Ratio Lower Upper

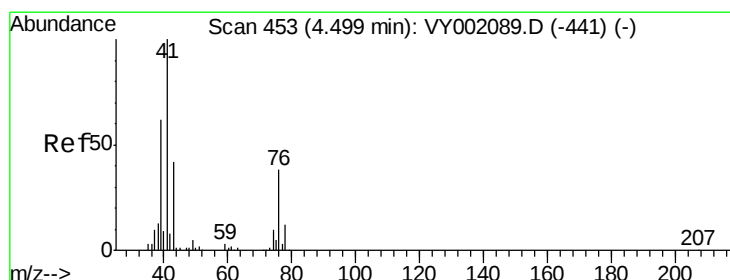
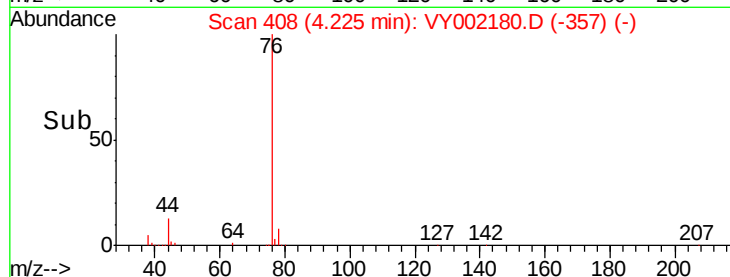
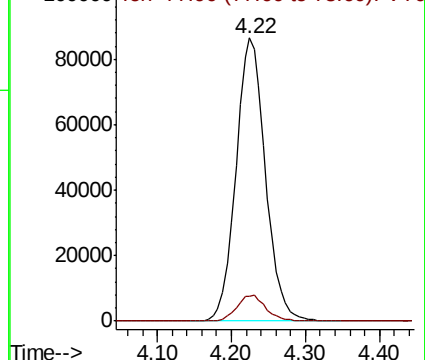
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002180.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002180.D (-393) (-)



#18

Methyl Acetate

Concen: 53.167 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002180.D

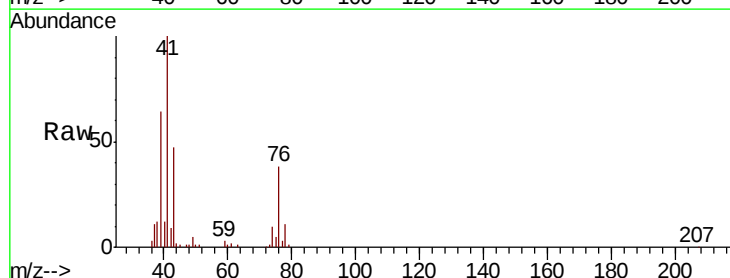
Acq: 01 Apr 2020 21:38

Tgt Ion: 43 Resp: 60100

Ion Ratio Lower Upper

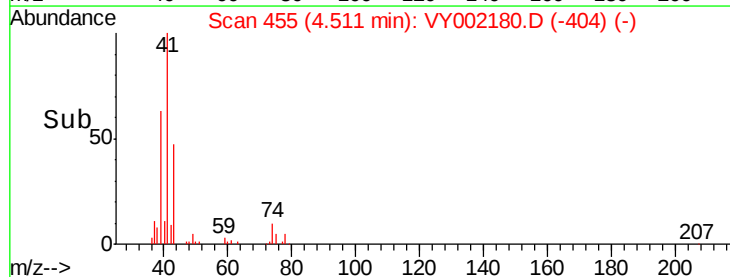
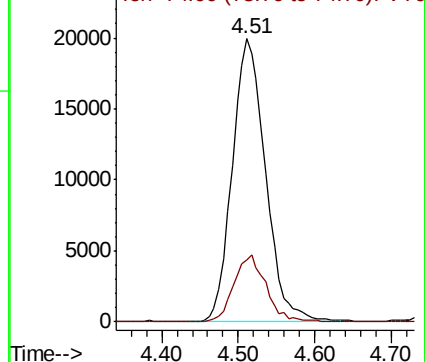
43 100

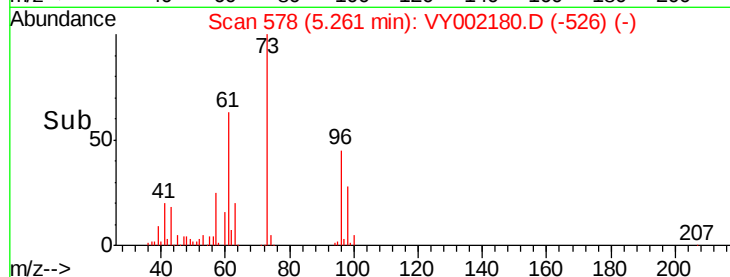
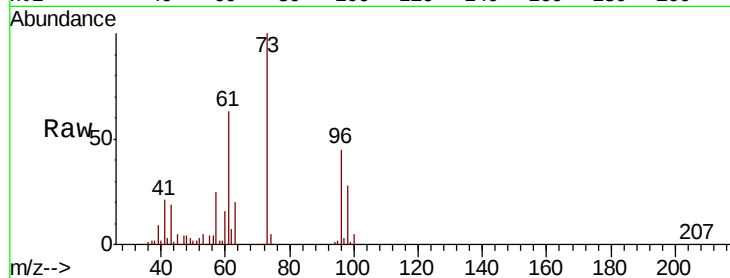
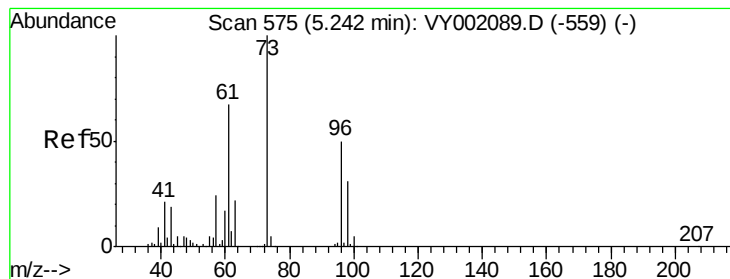
74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002180.D (-404) (-)

Ion 74.00 (73.70 to 74.70): VY002180.D (-404) (-)



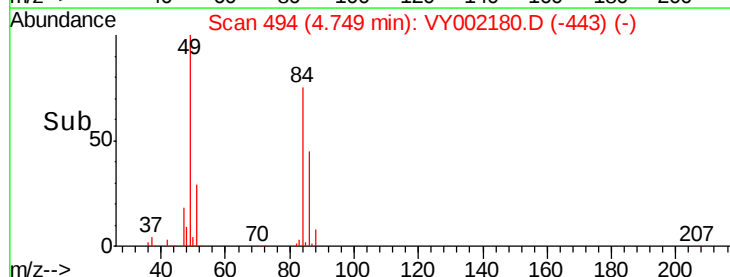
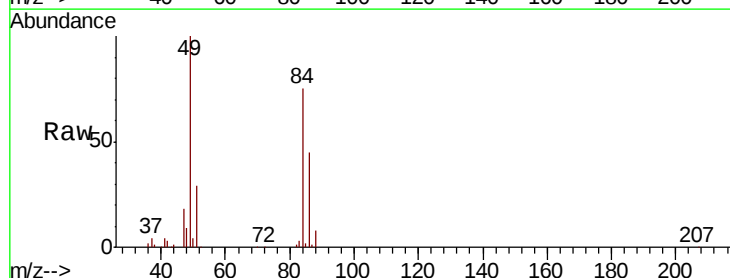
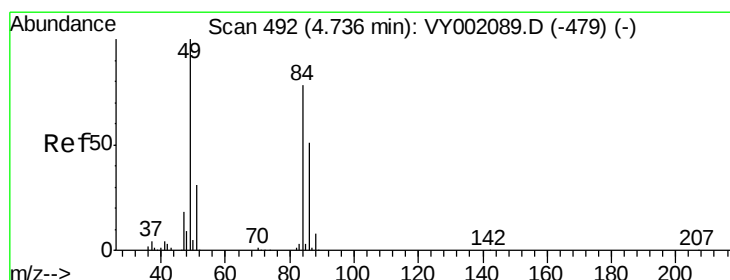
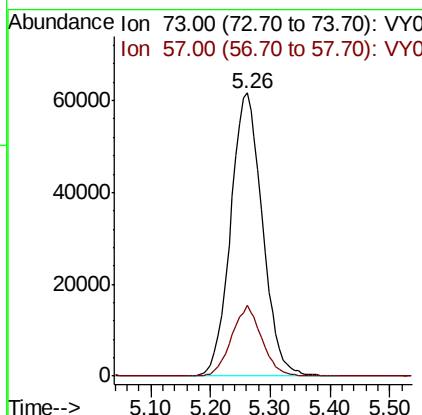


#19

Methyl tert-butyl Ether
 Concen: 53.797 ug/l
 RT: 5.26 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :

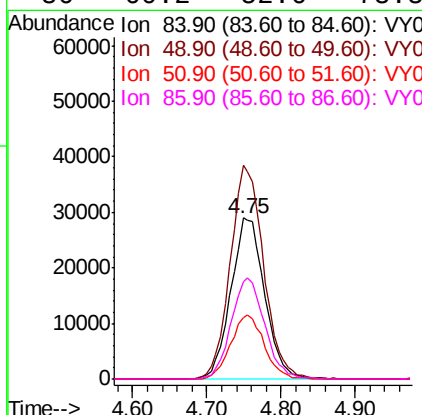
Tot Ion: 73 Resp: 228245
 Ion Ratio Lower Upper
 73 100
 57 25.0 19.0 28.6

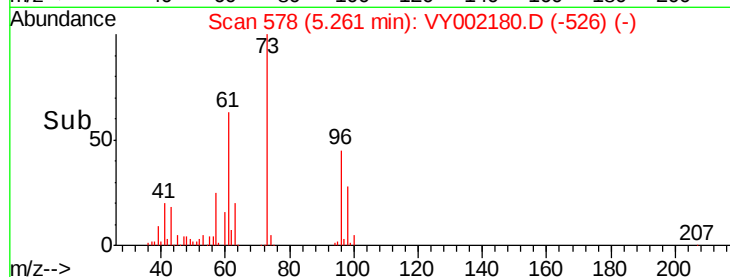
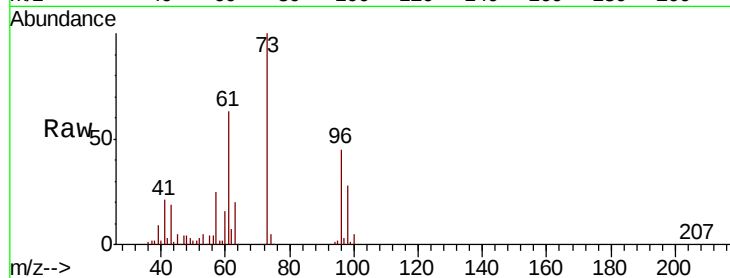
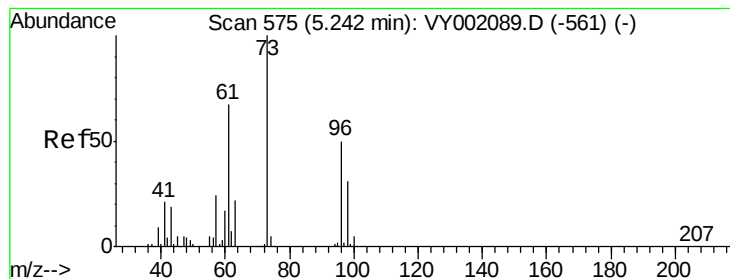


#20

Methylene Chloride
 Concen: 51.263 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion: 84 Resp: 92157
 Ion Ratio Lower Upper
 84 100
 49 132.5 102.2 153.4
 51 38.4 31.2 46.8
 86 60.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.986 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampled :

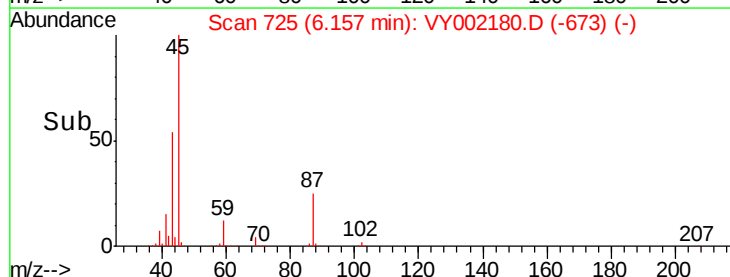
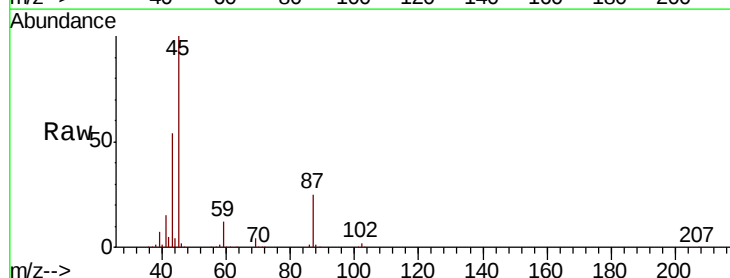
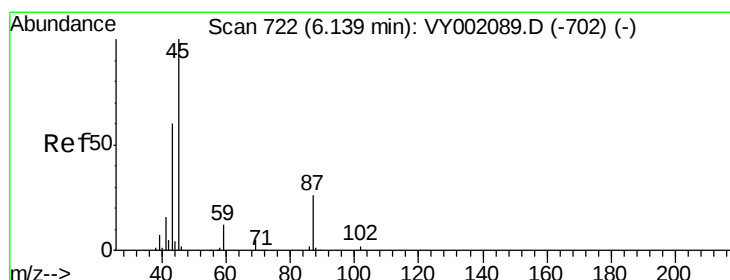
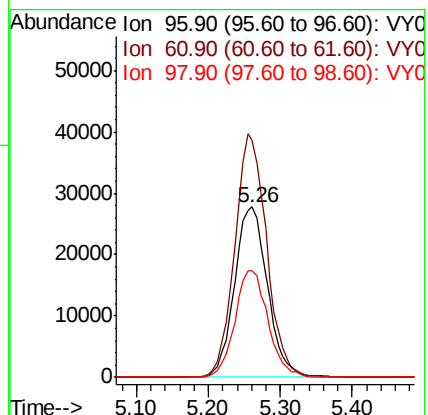
Tot Ion: 96 Resp: 88290

Ion Ratio Lower Upper

96 100

61 138.9 107.7 161.5

98 62.2 50.5 75.7



#22

Diisopropyl ether

Concen: 52.775 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion: 45 Resp: 300703

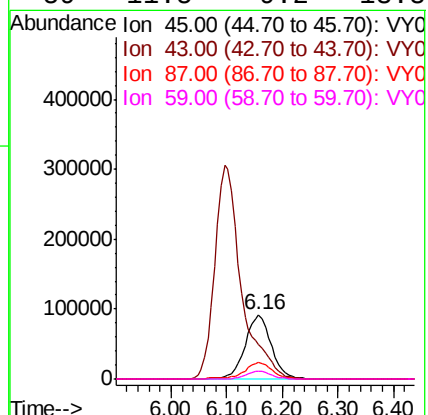
Ion Ratio Lower Upper

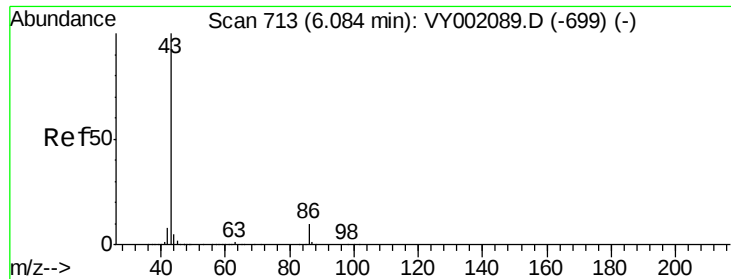
45 100

43 53.9 48.1 72.1

87 25.1 21.1 31.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 271.118 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

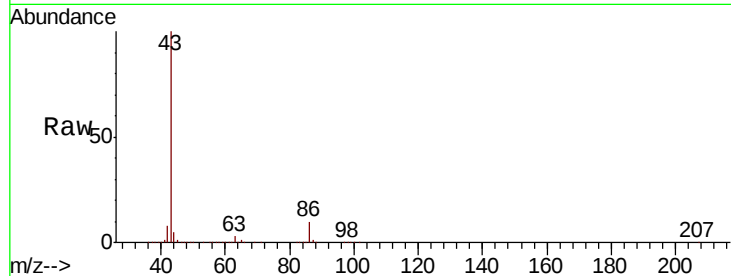
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1012965

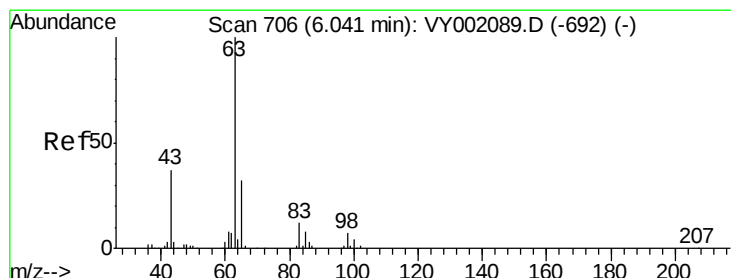
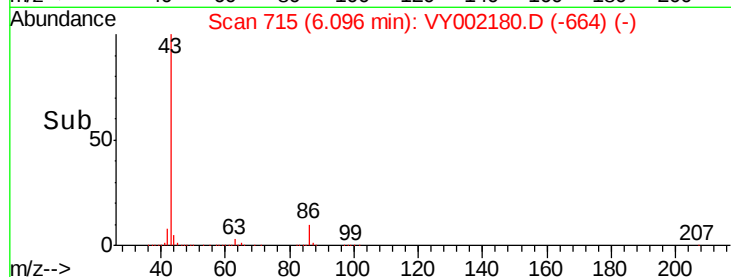
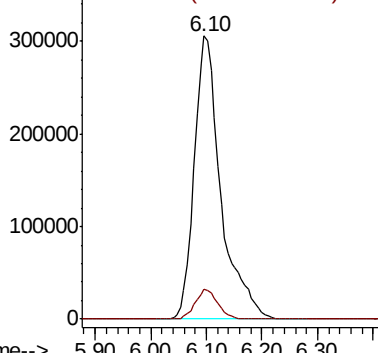
Ion Ratio Lower Upper

43 100

86 10.4 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: 52.037 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

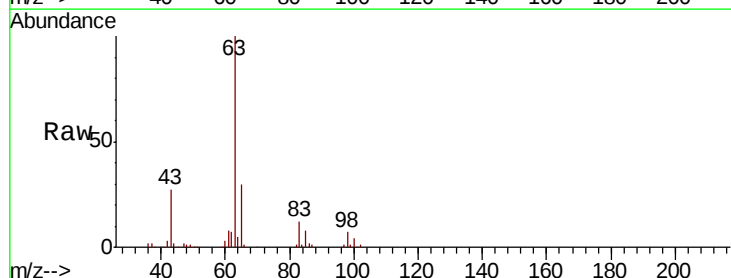
Tgt Ion: 63 Resp: 157646

Ion Ratio Lower Upper

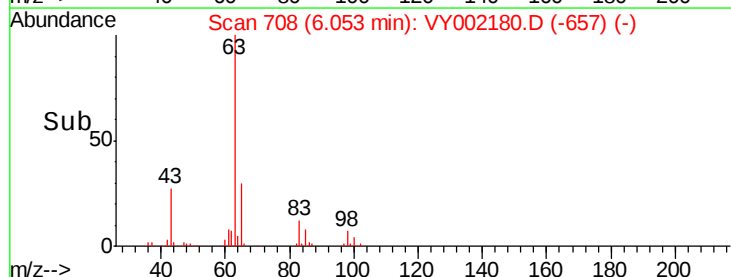
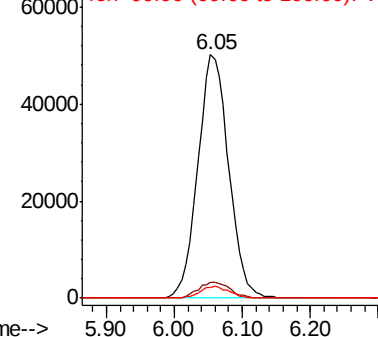
63 100

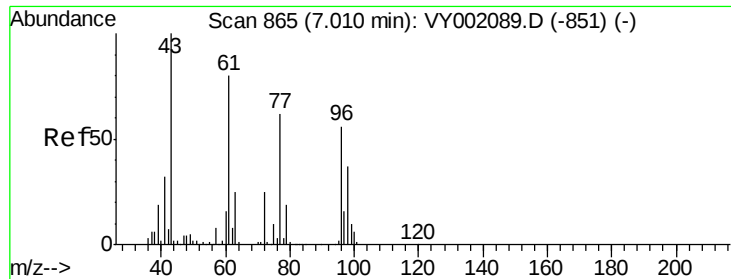
98 6.5 3.3 9.9

100 4.3 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: 266.032 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

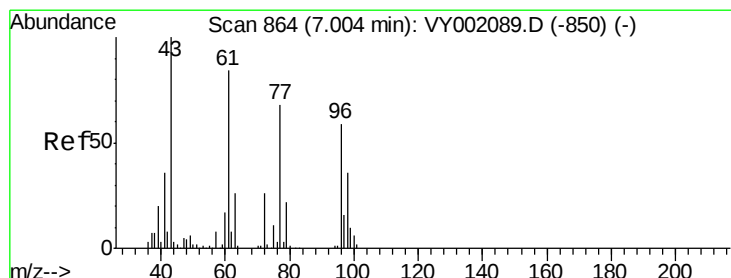
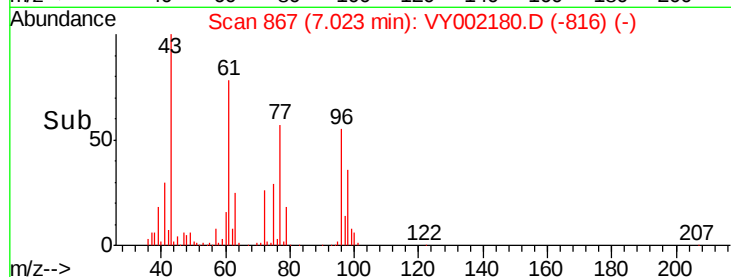
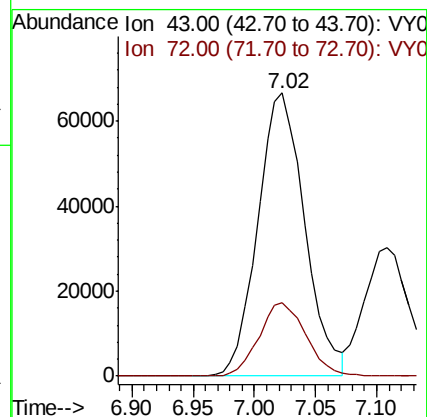
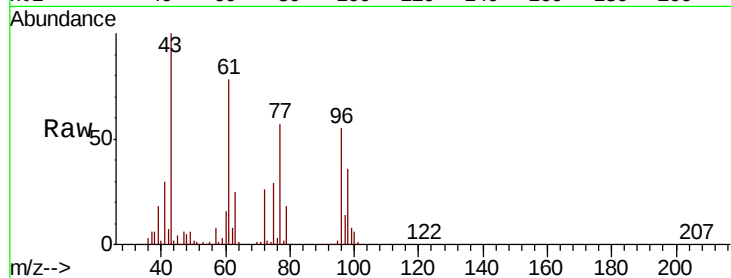
ClientSampled :

Tot Ion: 43 Resp: 177823

Ion Ratio Lower Upper

43 100

72 26.0 20.2 30.2



#26

2,2-Dichloropropane

Concen: 48.127 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002180.D

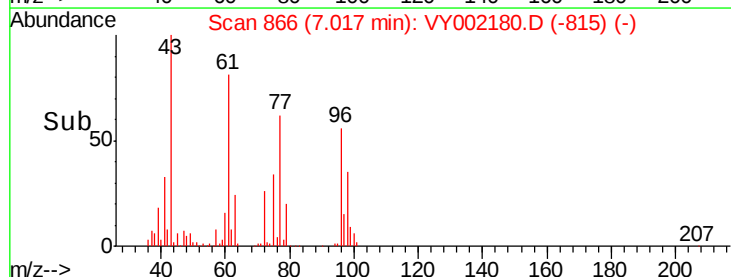
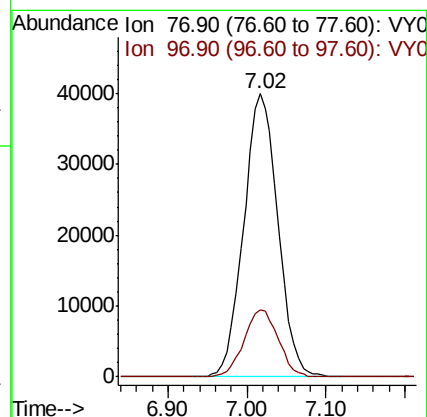
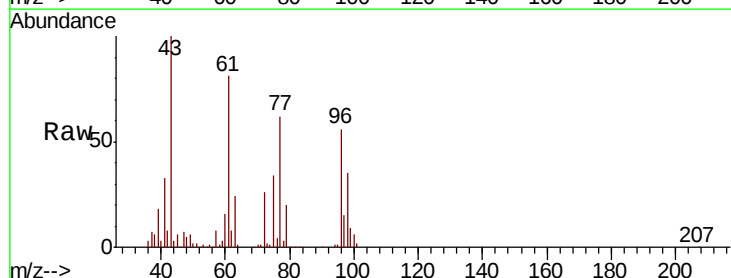
Acq: 01 Apr 2020 21:38

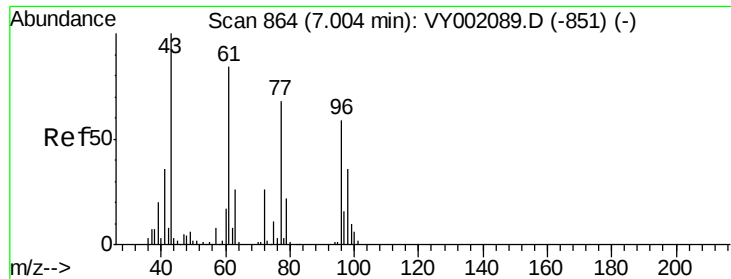
Tgt Ion: 77 Resp: 120080

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1



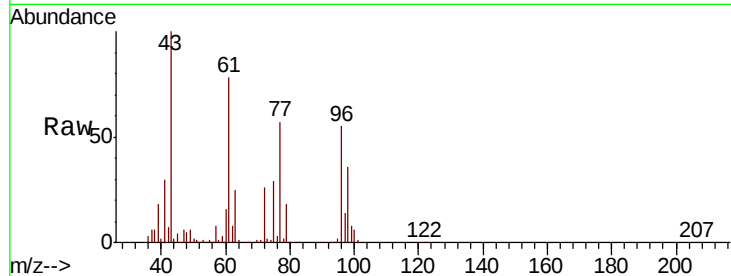


#27

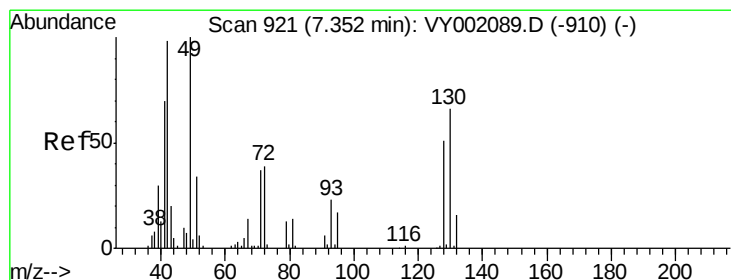
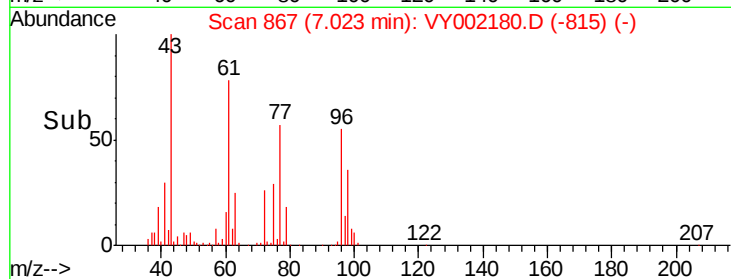
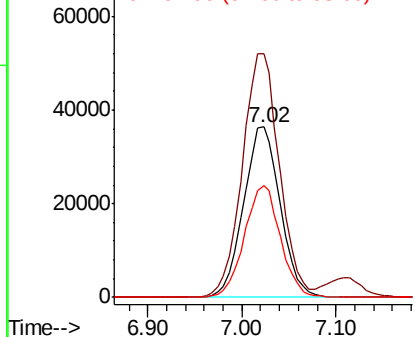
cis-1,2-Dichloroethene
Concen: 52.152 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 99352
Ion Ratio Lower Upper
96 100
61 144.8 0.0 290.6
98 64.3 0.0 128.0



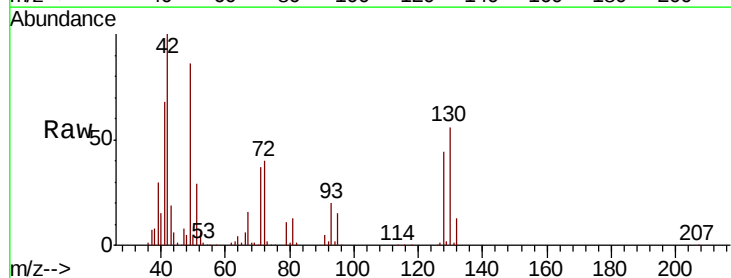
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



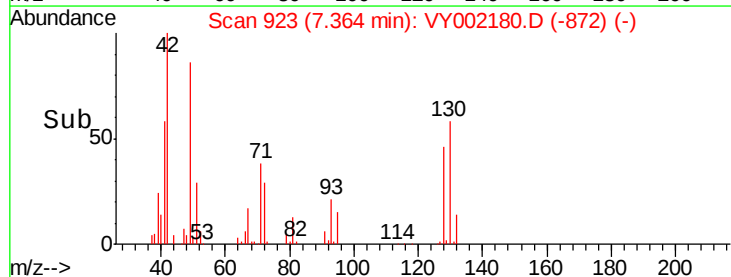
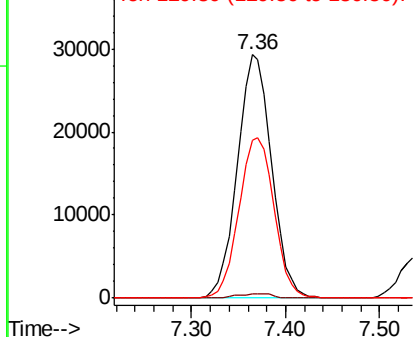
#28

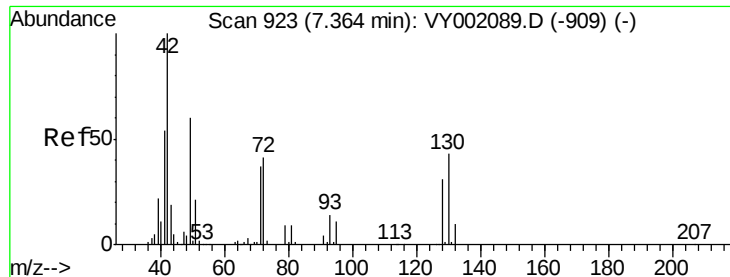
Bromochloromethane
Concen: 53.520 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 49 Resp: 74021
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 67.7 54.1 81.1



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

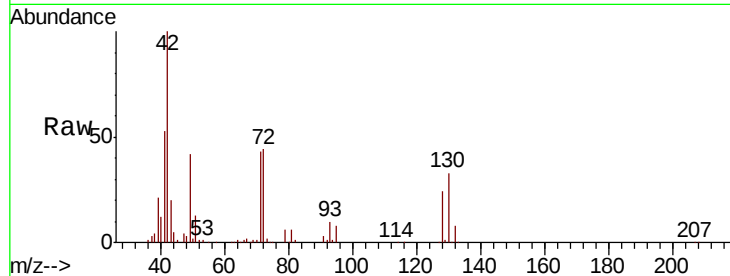




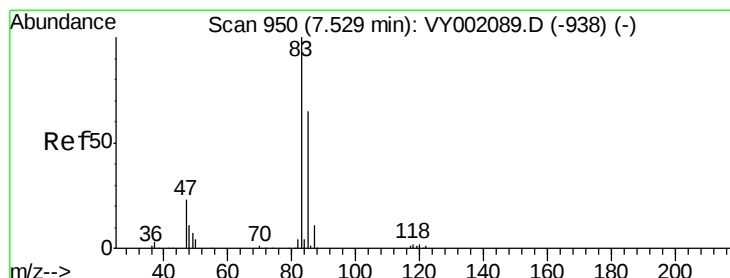
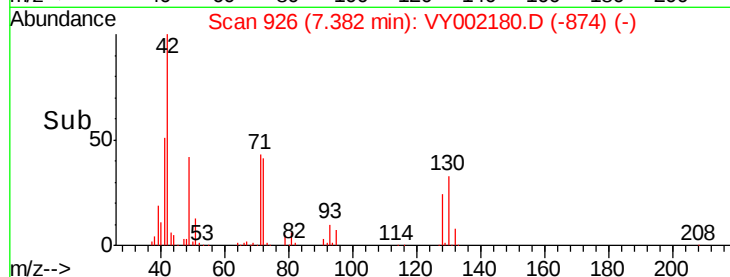
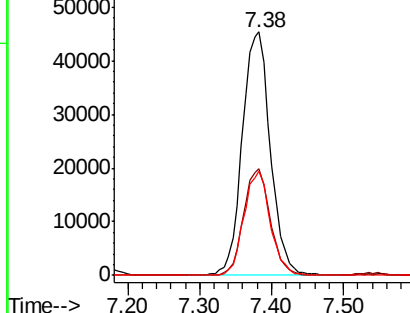
#29
Tetrahydrofuran
Concen: 279.745 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.0	49.4
71	40.2	31.2	46.8

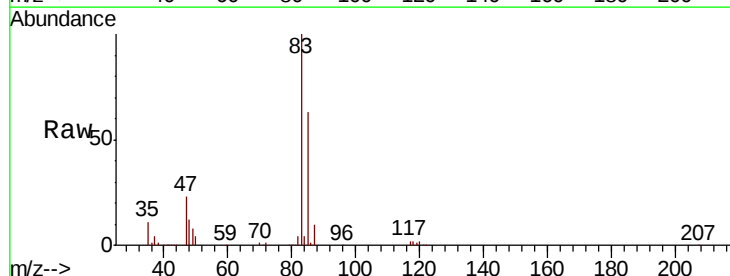


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

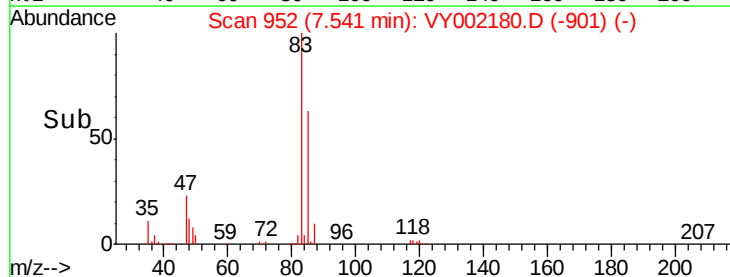
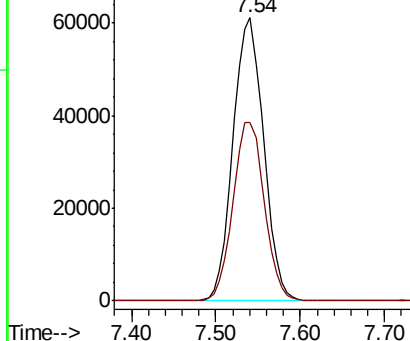


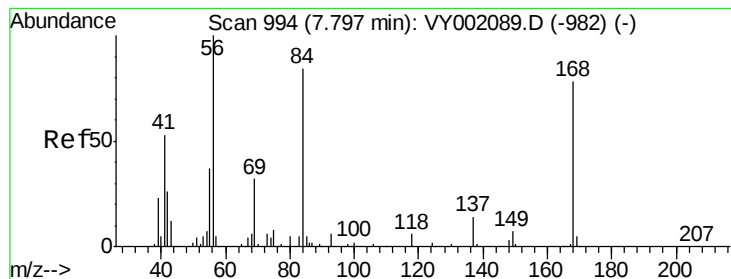
#30
Chloroform
Concen: 52.284 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	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: 47.383 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampled :

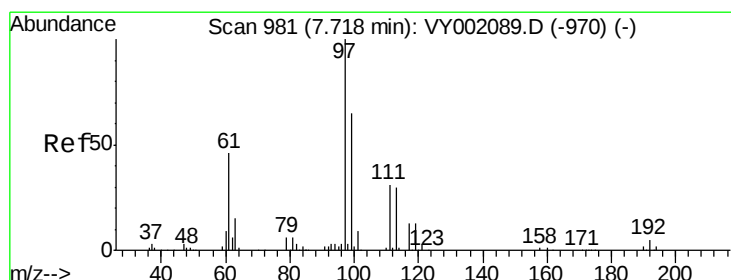
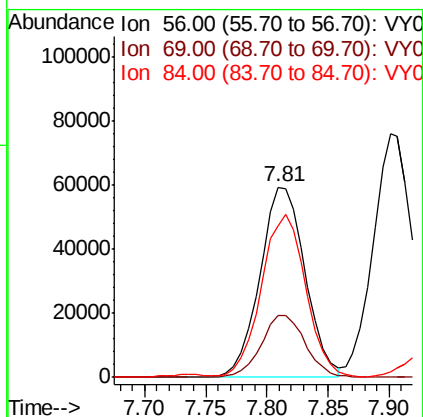
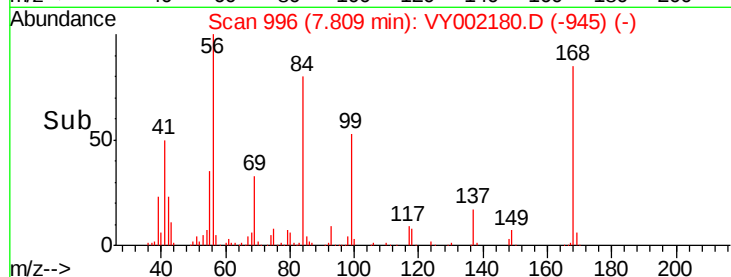
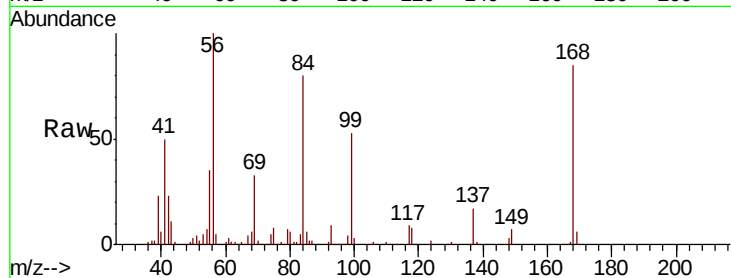
Tot Ion: 56 Resp: 152958

Ion Ratio Lower Upper

56 100

69 32.5 25.8 38.8

84 78.4 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 51.006 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

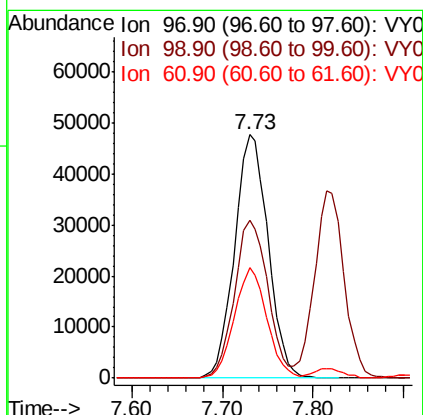
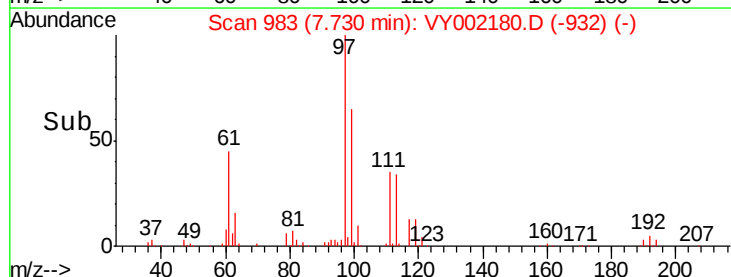
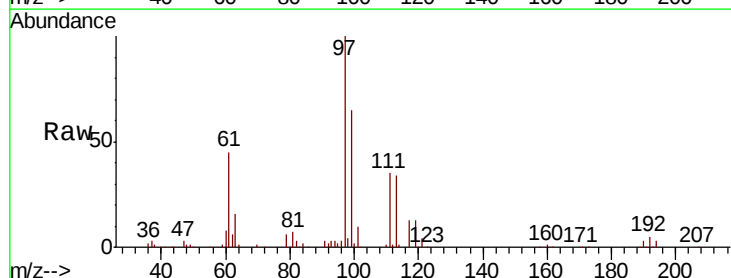
Tgt Ion: 97 Resp: 122287

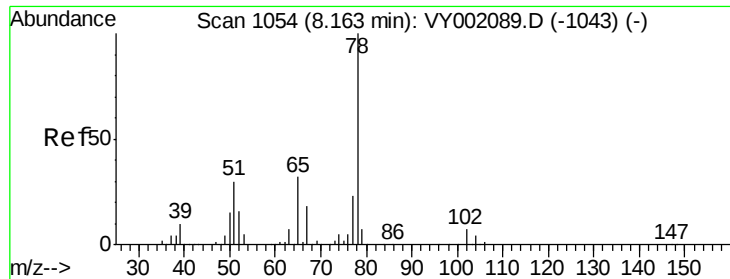
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 44.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.340 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

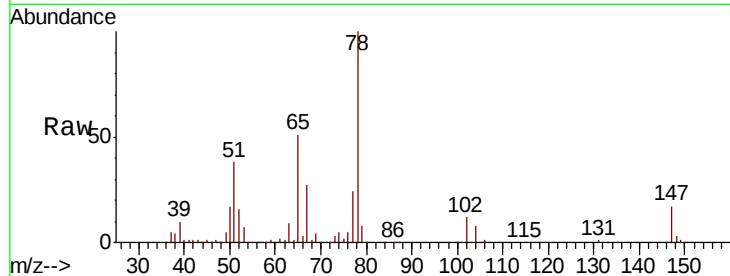
ClientSampled :

Tot Ion: 65 Resp: 79549

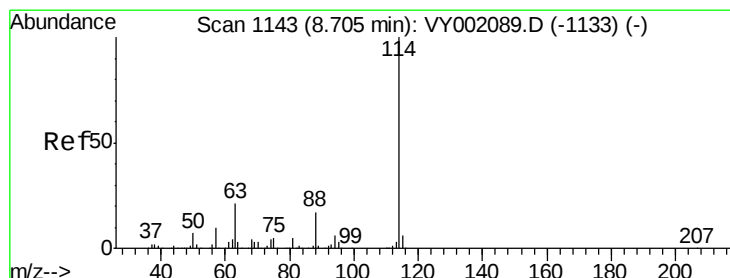
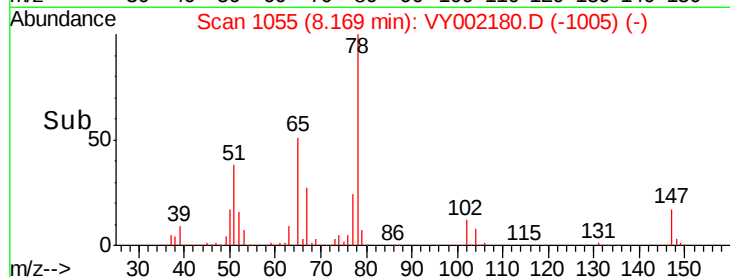
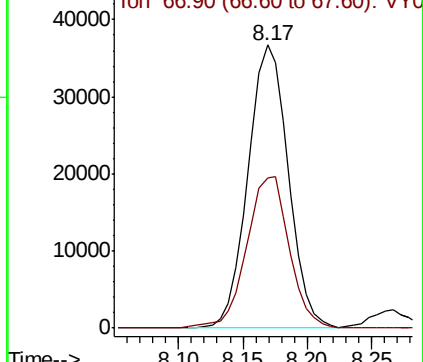
Ion Ratio Lower Upper

65 100

67 56.9 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002180.D (-1043) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

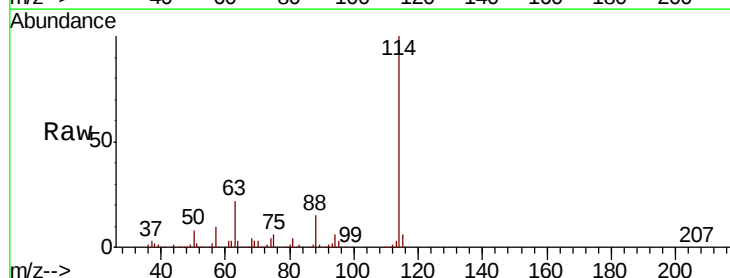
Tgt Ion: 114 Resp: 264015

Ion Ratio Lower Upper

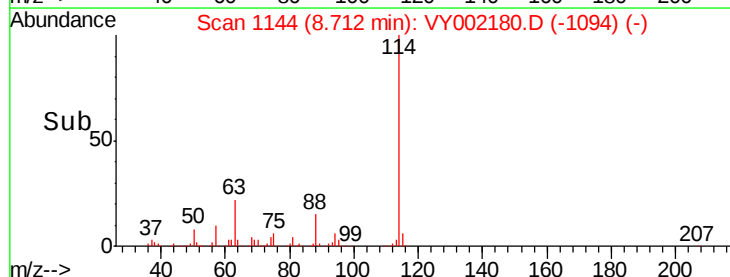
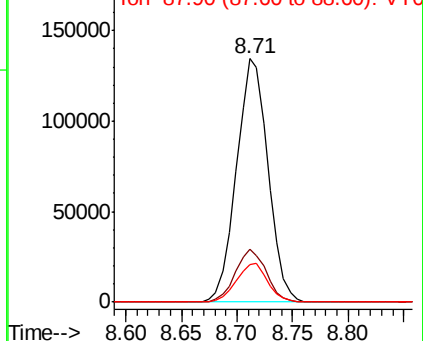
114 100

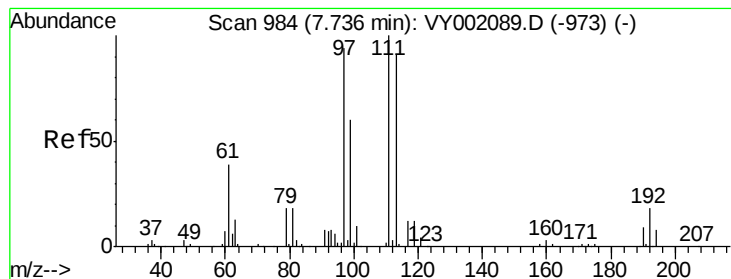
63 21.7 0.0 41.4

88 15.4 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002180.D (-1133) (-)





#35

Dibromofluoromethane

Concen: 50.075 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

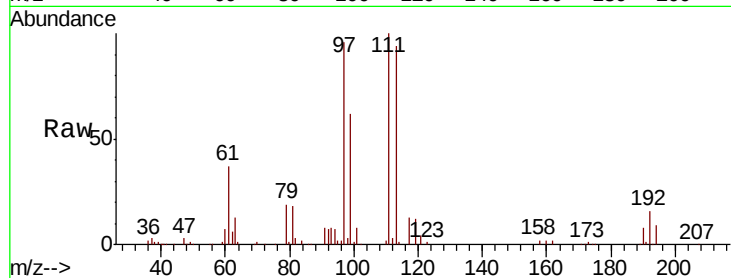
Tot Ion:113 Resp: 74077

Ion Ratio Lower Upper

113 100

111 103.7 84.4 126.6

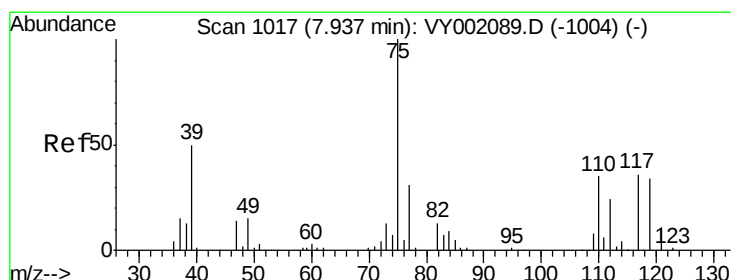
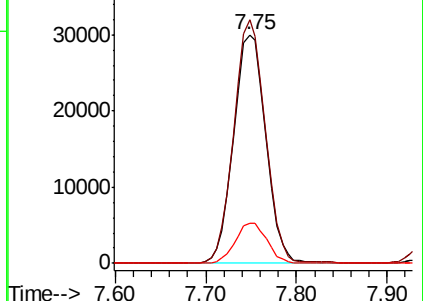
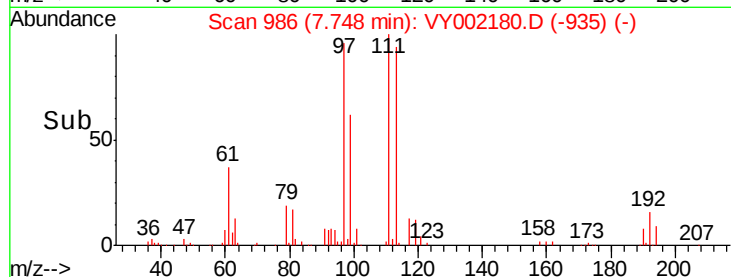
192 17.3 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.385 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

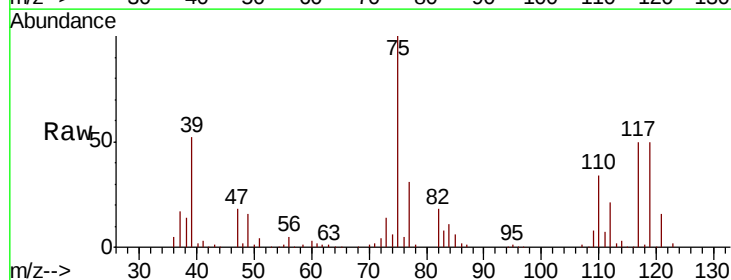
Tgt Ion: 75 Resp: 120828

Ion Ratio Lower Upper

75 100

110 34.2 17.2 51.6

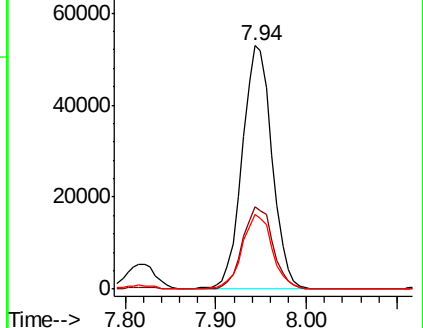
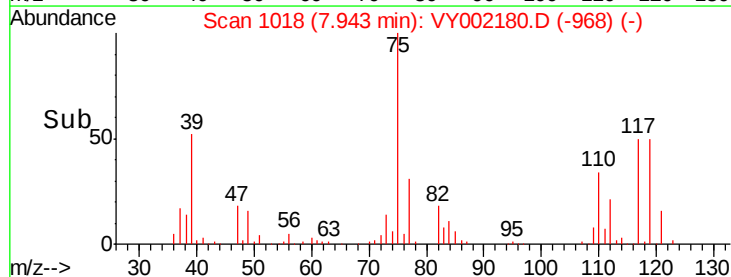
77 30.9 24.7 37.1

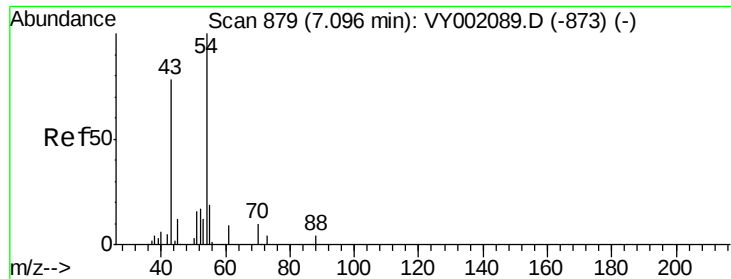


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

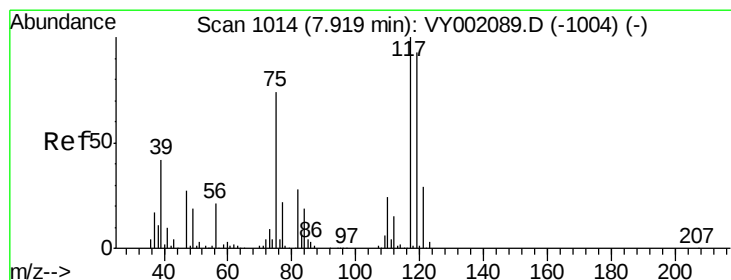
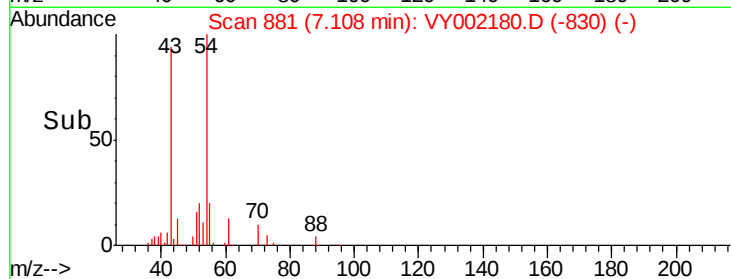
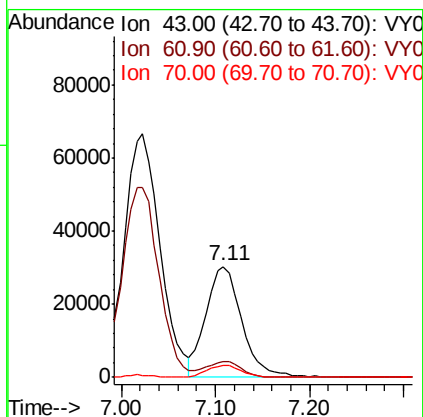
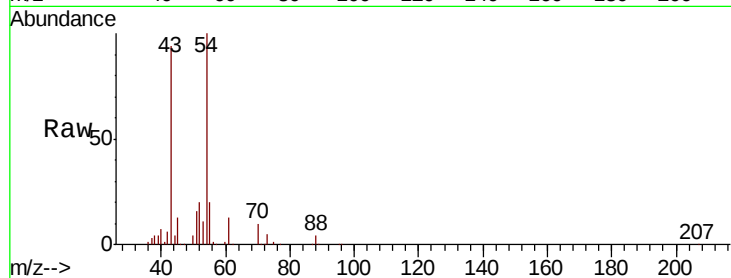




#37
Ethyl Acetate
Concen: 53.071 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

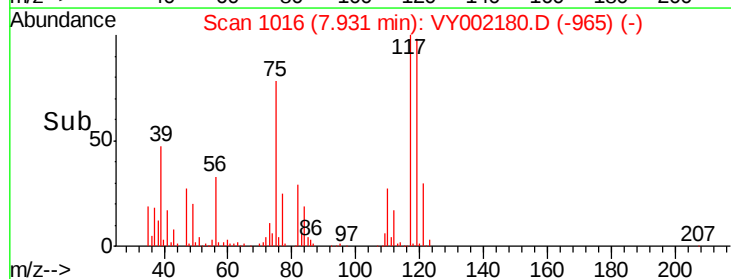
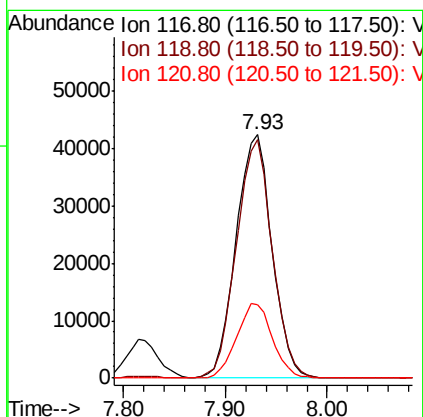
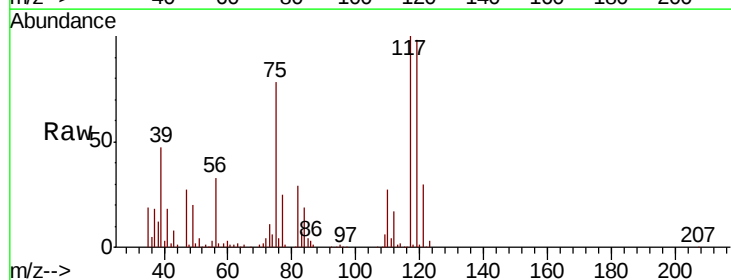
Instrument :
MSVOA_Y
ClientSampled :

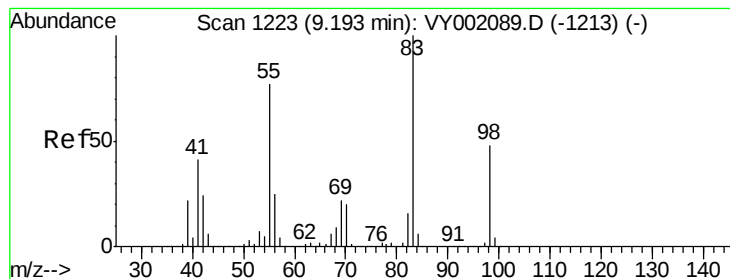
Tot Ion: 43 Resp: 80088
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.107 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 117 Resp: 104043
Ion Ratio Lower Upper
117 100
119 97.9 74.3 111.5
121 30.1 23.3 34.9





#39

Methvlcvclohexane

Concen: 47.267 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

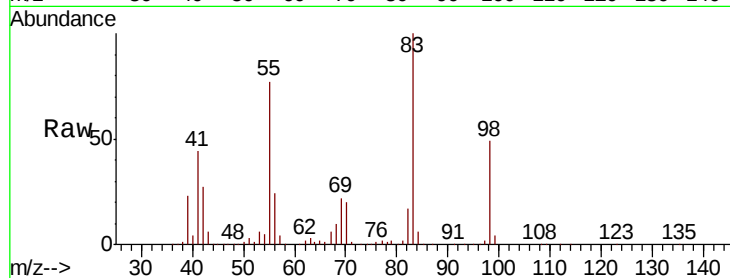
Tot Ion: 83 Resp: 154828

Ion Ratio Lower Upper

83 100

55 77.2 61.2 91.8

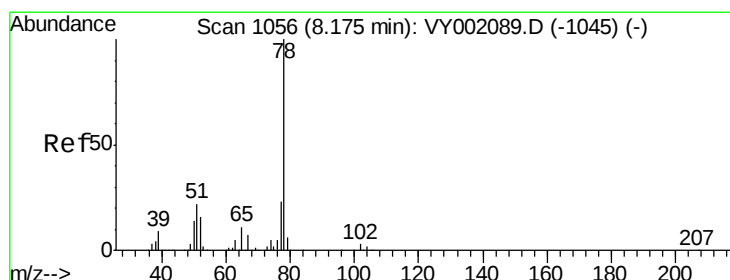
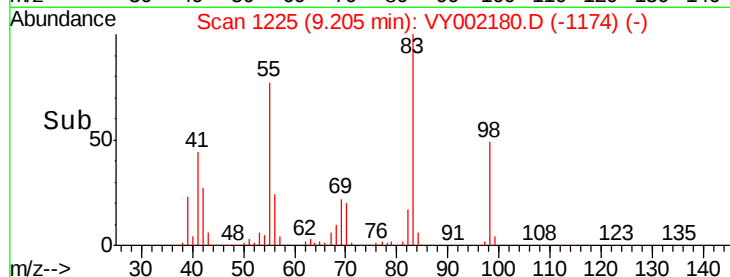
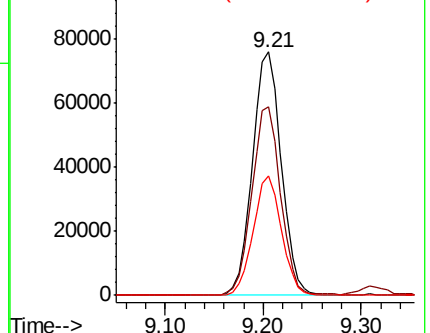
98 49.2 38.2 57.2



Abundance Ion 83.00 (82.70 to 83.70): VY002180.D (-1174) (-)

Ion 55.00 (54.70 to 55.70): VY002180.D (-1174) (-)

Ion 98.00 (97.70 to 98.70): VY002180.D (-1174) (-)



#40

Benzene

Concen: 50.243 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VY002180.D

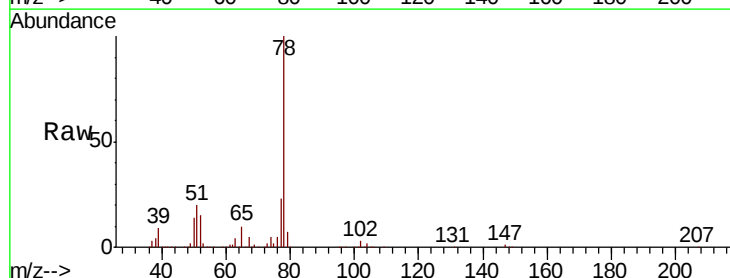
Acq: 01 Apr 2020 21:38

Tgt Ion: 78 Resp: 371648

Ion Ratio Lower Upper

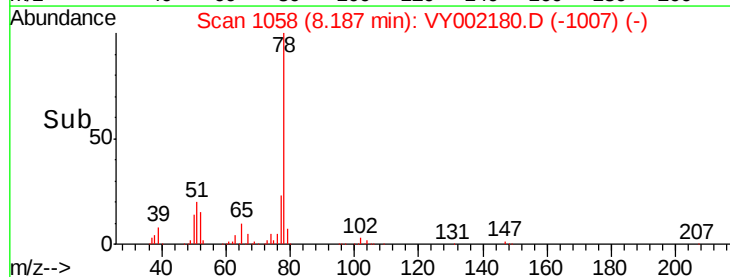
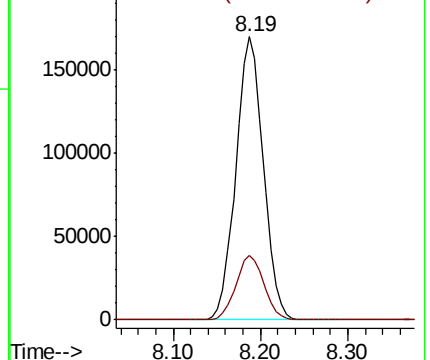
78 100

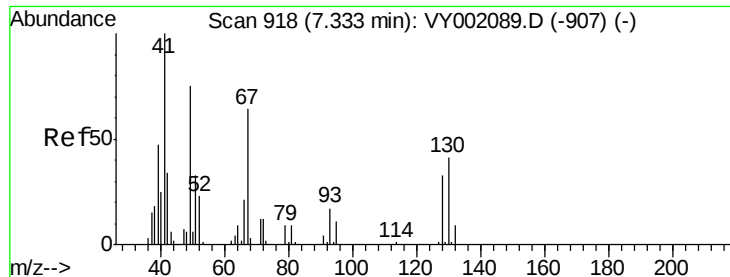
77 22.9 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY002180.D (-1007) (-)

Ion 77.00 (76.70 to 77.70): VY002180.D (-1007) (-)

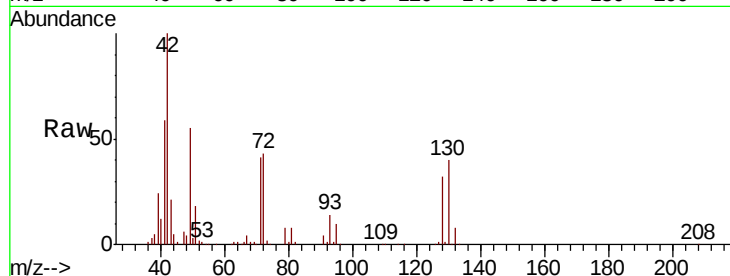




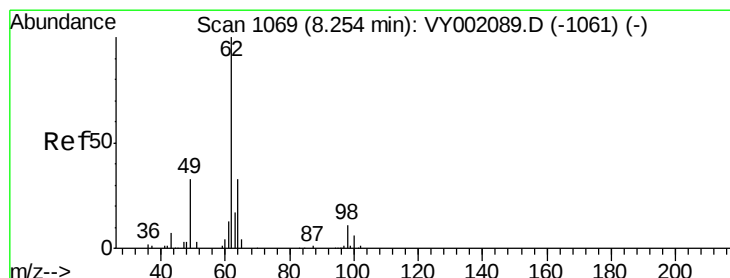
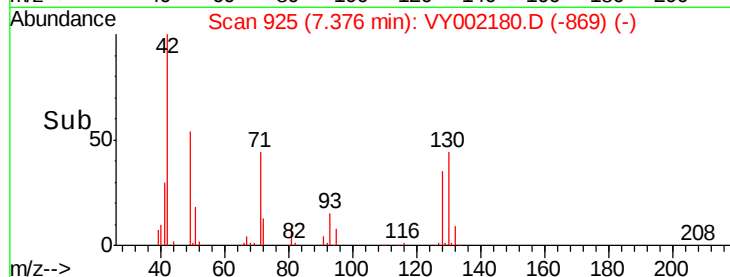
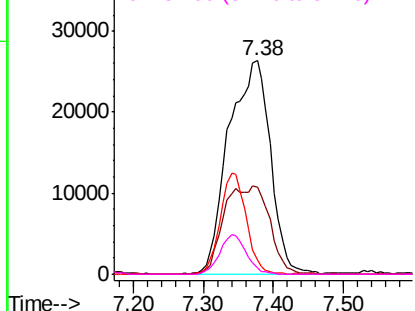
#41
Methacrylonitrile
Concen: 142.639 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	108881
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

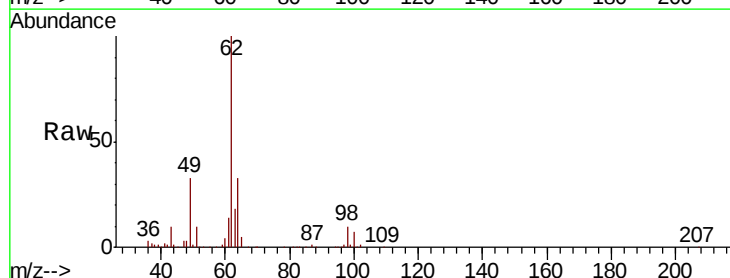


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

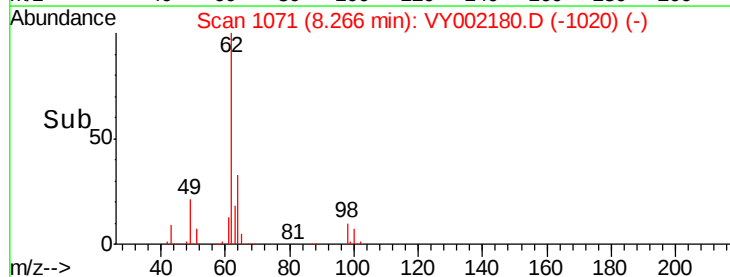
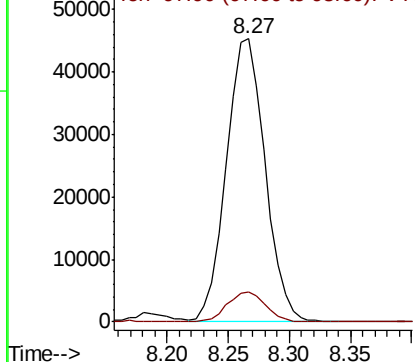


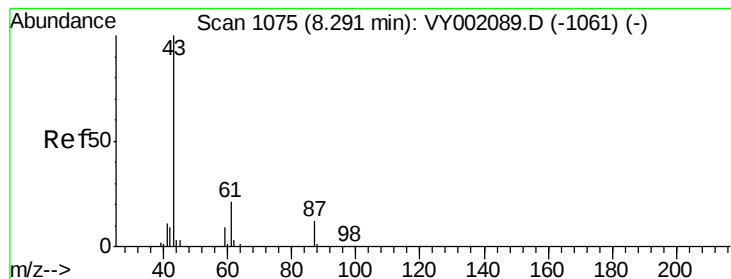
#42
1,2-Dichloroethane
Concen: 50.762 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:	62	Resp:	99689
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.2



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



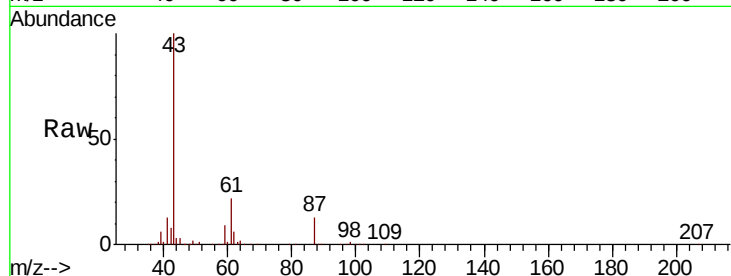


#43

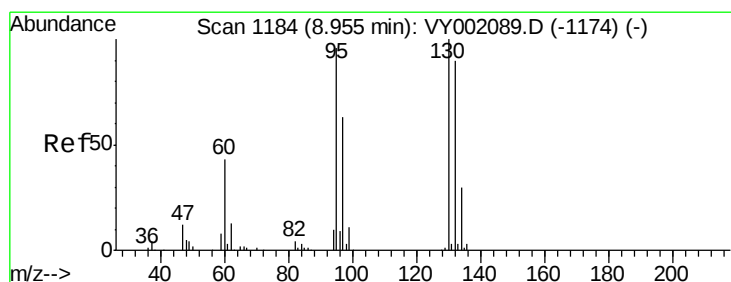
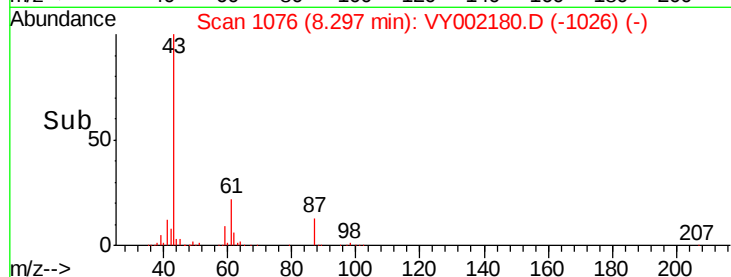
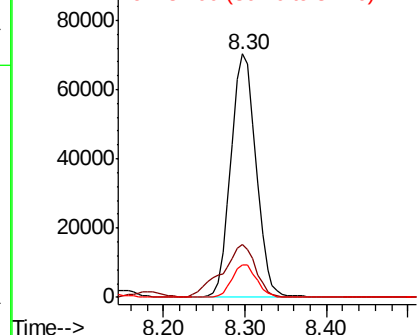
Isopropyl Acetate
 Concen: 53.187 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.4	35.2
87	13.4	10.2	15.4



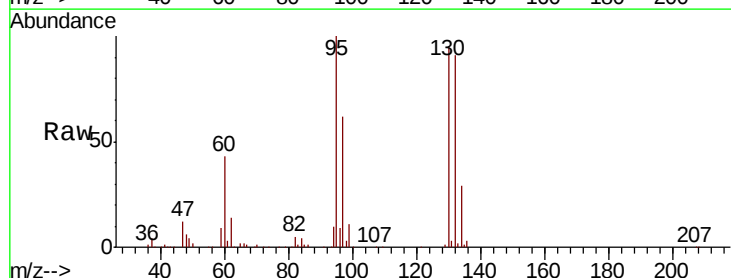
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



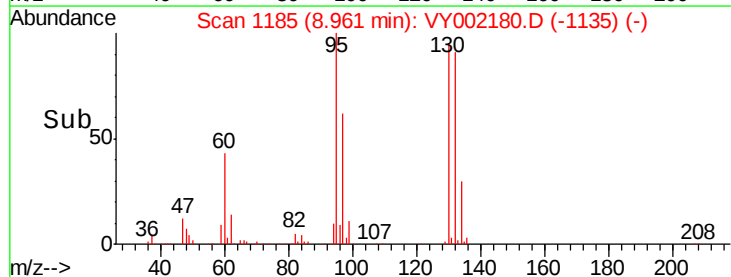
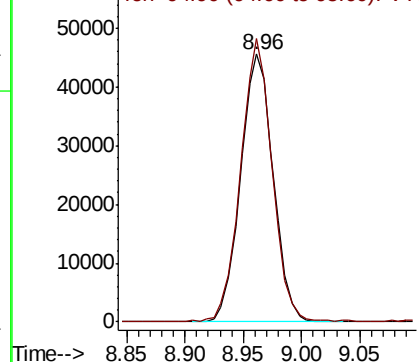
#44

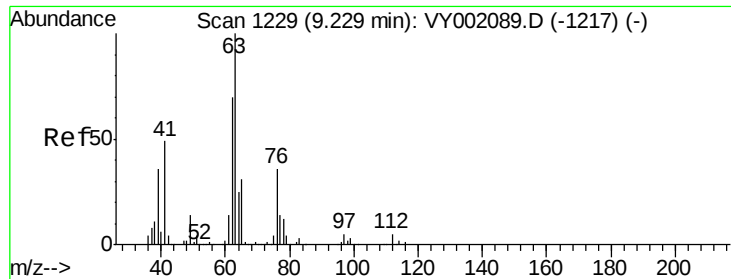
Trichloroethene
 Concen: 49.654 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	193.0



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

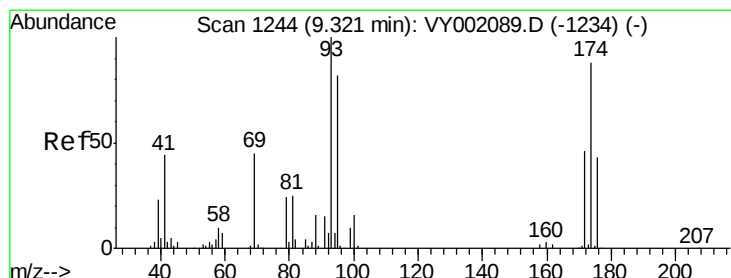
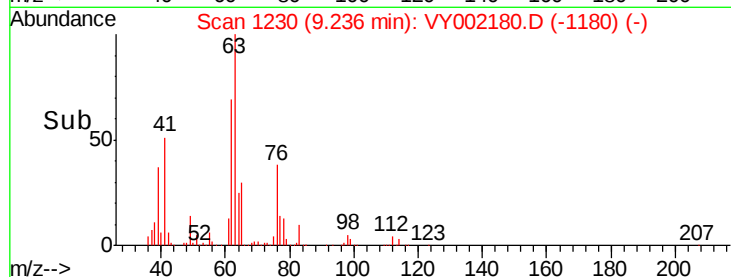
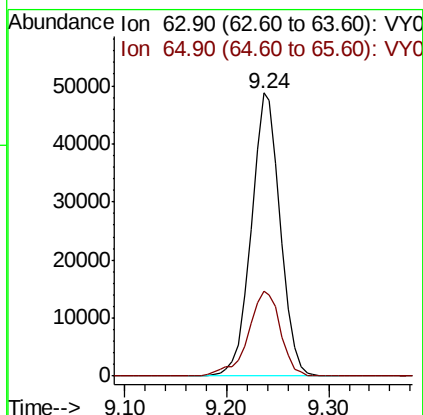
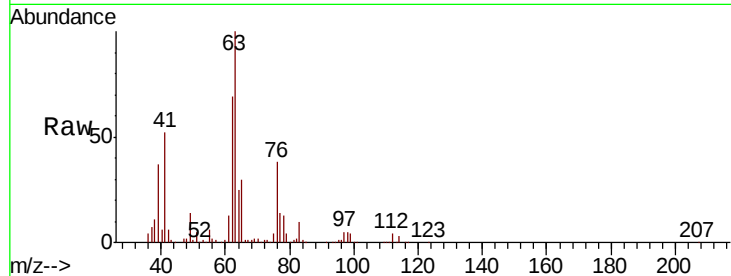




#45
 1,2-Dichloropropane
 Concen: 51.156 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

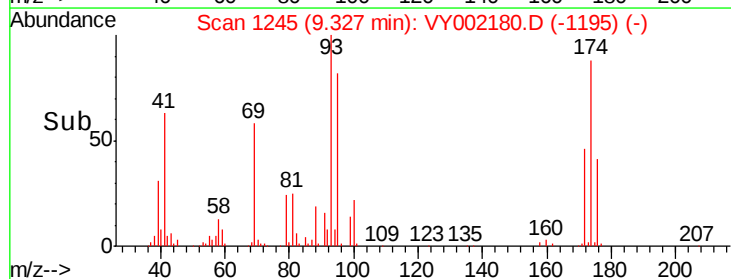
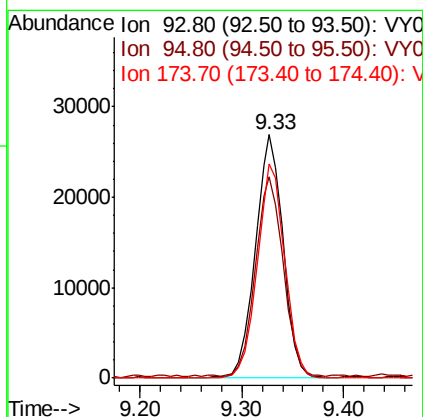
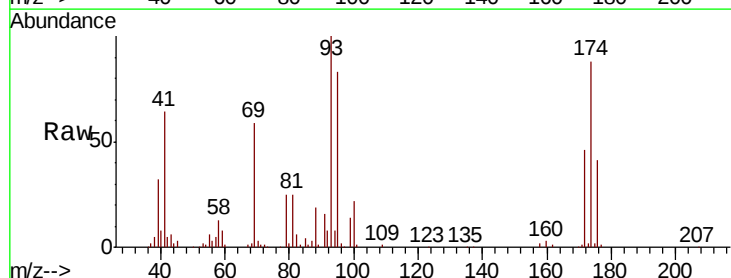
Instrument :
 MSVOA_Y
 ClientSampled :

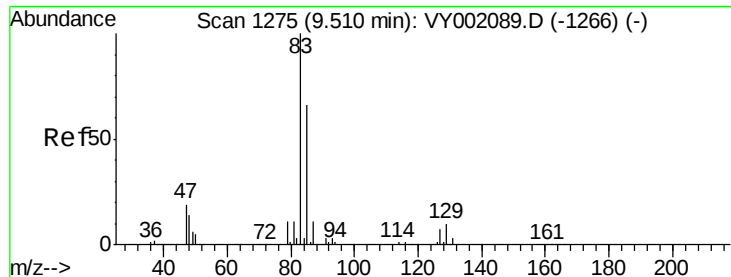
Tot Ion: 63 Resp: 96350
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 52.867 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion: 93 Resp: 51136
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.0 99.0
 174 86.9 69.8 104.8

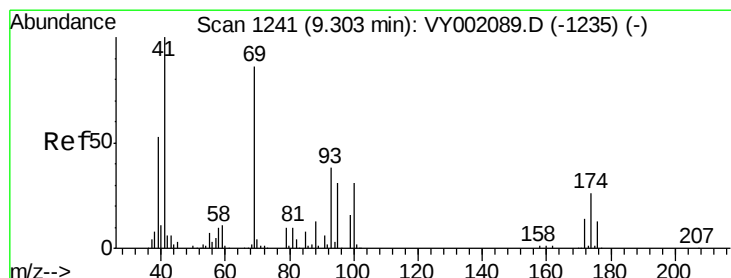
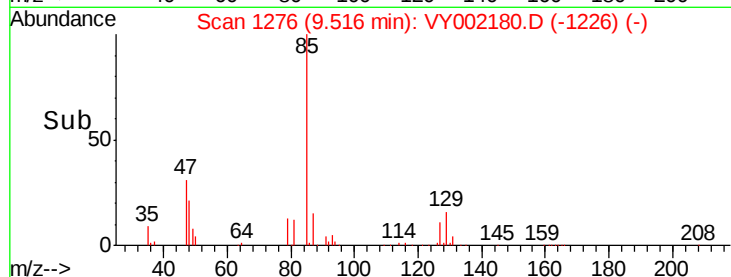
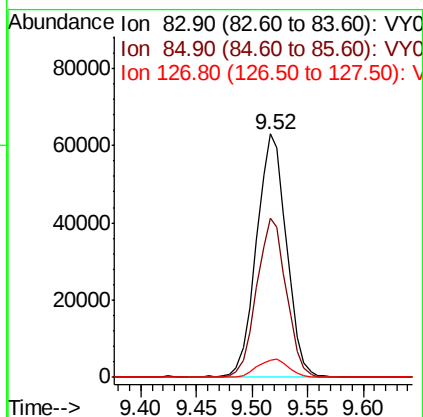
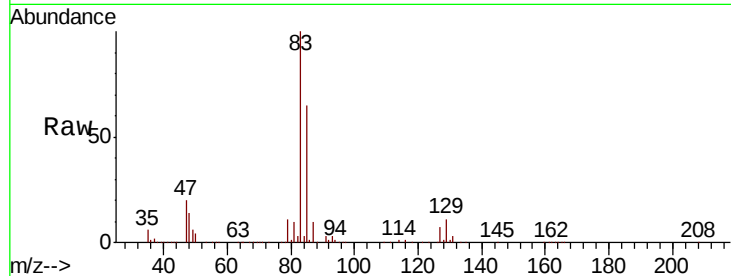




#47
Bromodichloromethane
Concen: 52.291 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

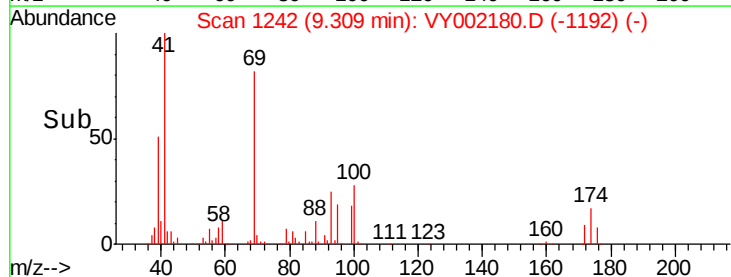
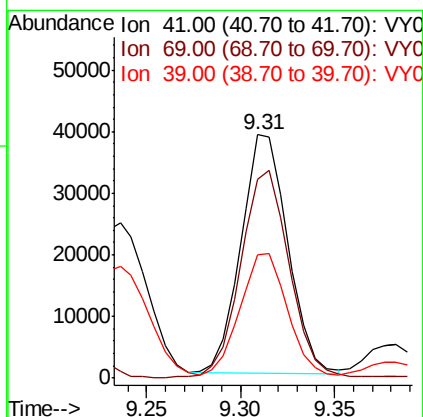
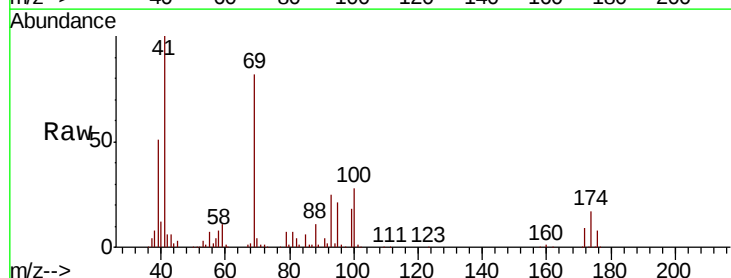
Instrument :
MSVOA_Y
ClientSampleId :

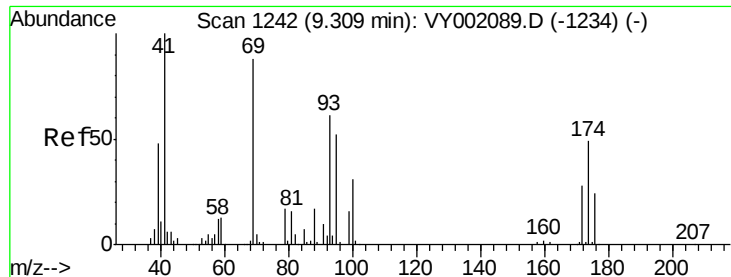
Tot Ion: 83 Resp: 117746
Ion Ratio Lower Upper
83 100
85 65.5 52.6 79.0
127 7.2 5.9 8.9



#48
Methyl methacrylate
Concen: 52.965 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 41 Resp: 66480
Ion Ratio Lower Upper
41 100
69 90.0 71.4 107.0
39 51.7 41.0 61.4

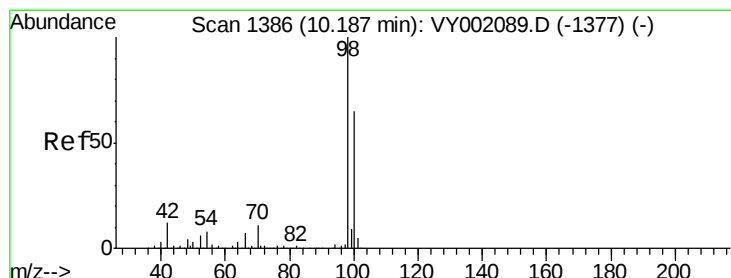
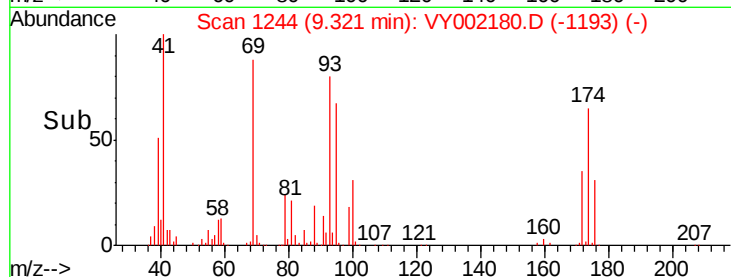
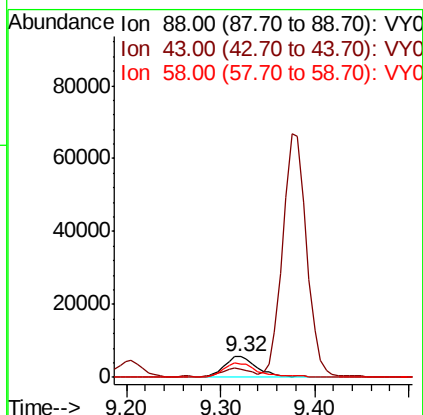
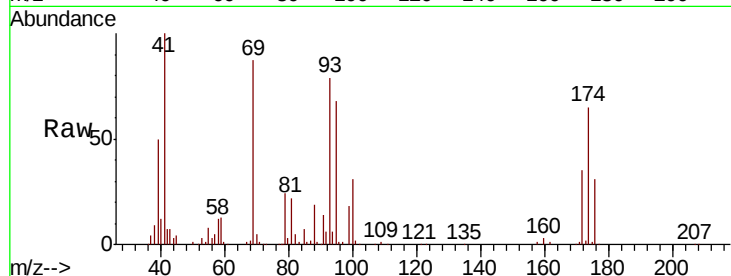




#49
1,4-Dioxane
Concen: 1070.727 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

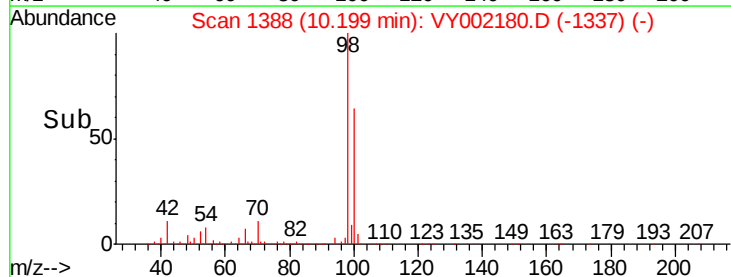
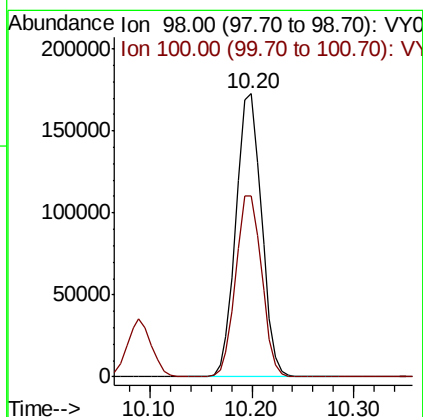
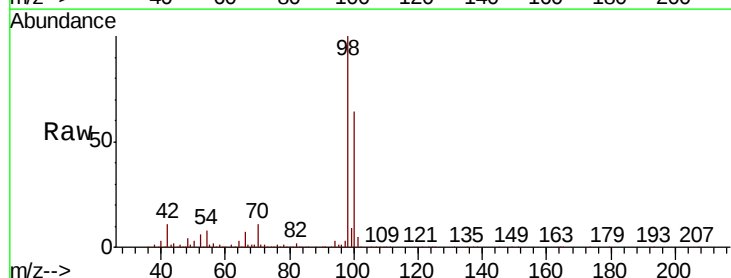
Instrument :
MSVOA_Y
ClientSampleId :

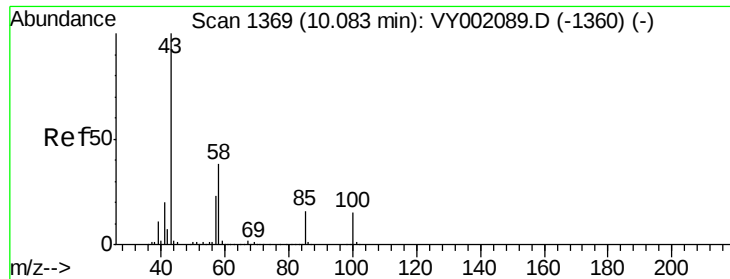
Tot Ion: 88 Resp: 14212
Ion Ratio Lower Upper
88 100
43 34.3 27.2 40.8
58 74.9 59.8 89.8



#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 98 Resp: 299248
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 277.440 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

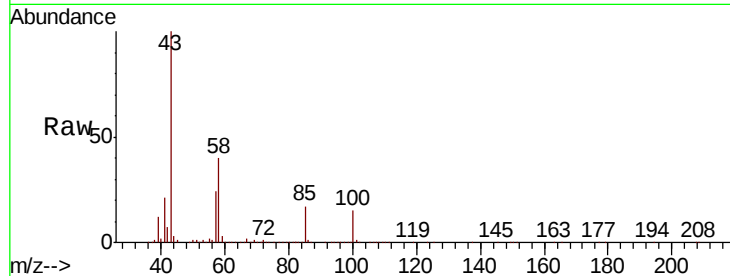
ClientSampleId :

Tot Ion: 43 Resp: 400135

Ion Ratio Lower Upper

43 100

58 39.9 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY002180.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002180.D (-1360) (-)

250000

200000

150000

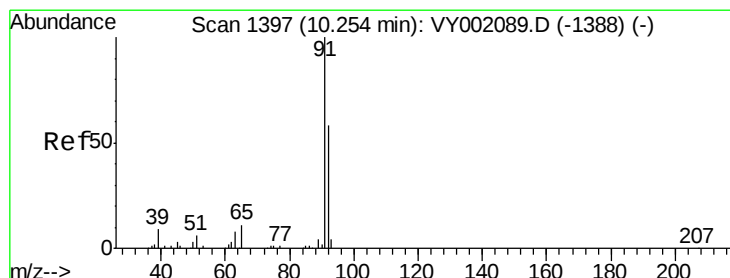
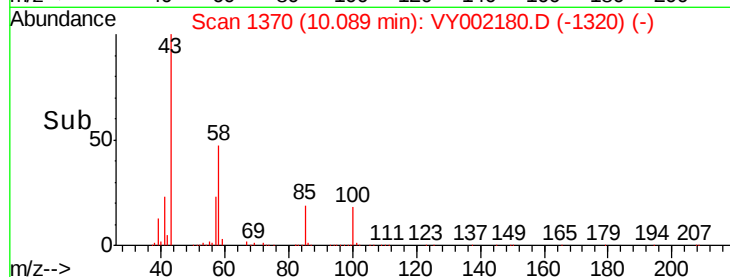
100000

50000

0

10.00 10.10 10.20

Time-->



#52

Toluene

Concen: 50.808 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002180.D

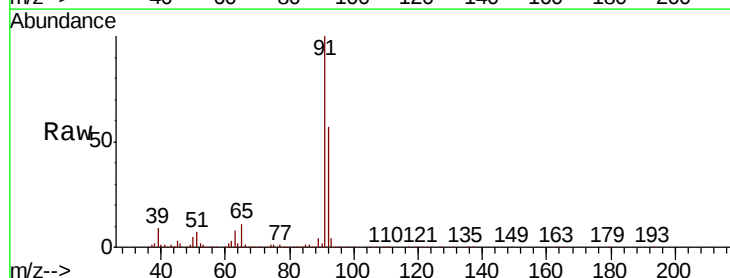
Acq: 01 Apr 2020 21:38

Tgt Ion: 92 Resp: 227312

Ion Ratio Lower Upper

92 100

91 171.8 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002180.D (-1348) (-)

Ion 91.00 (90.70 to 91.70): VY002180.D (-1348) (-)

250000

200000

150000

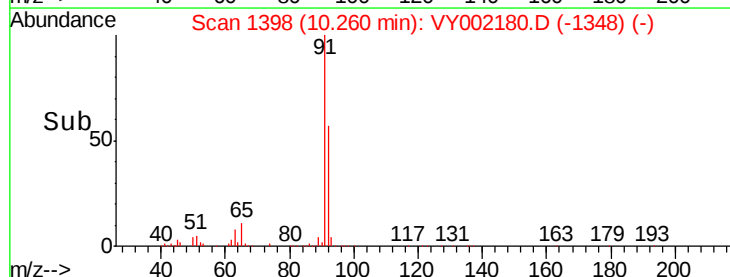
100000

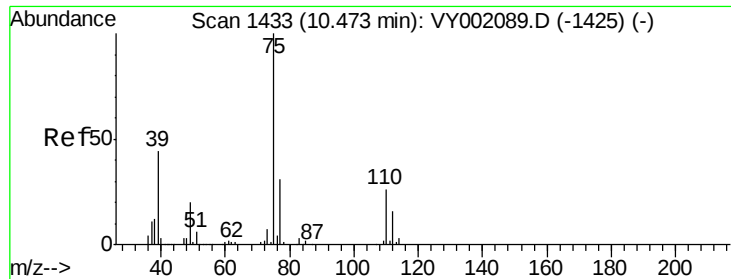
50000

0

10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.700 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

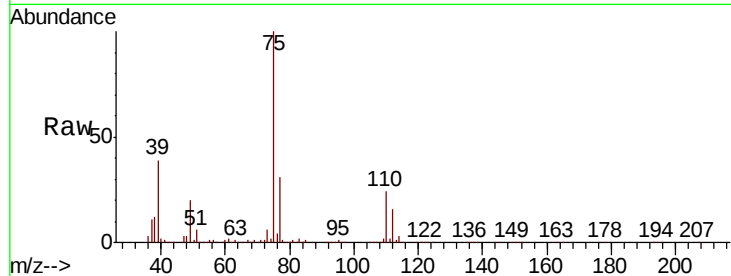
ClientSampleId :

Tot Ion: 75 Resp: 129212

Ion Ratio Lower Upper

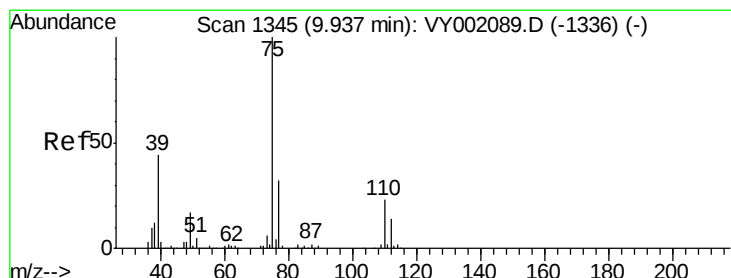
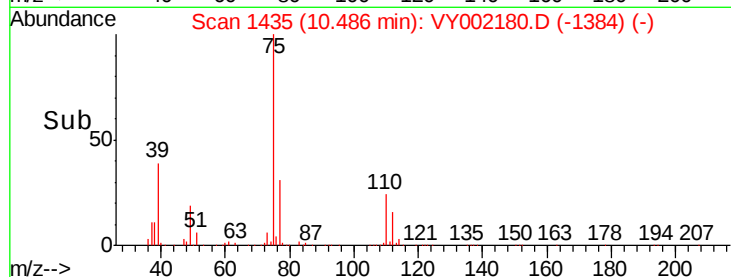
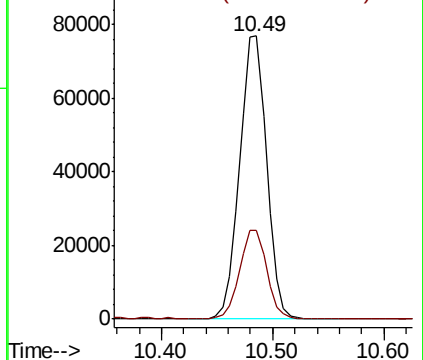
75 100

77 30.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 51.995 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

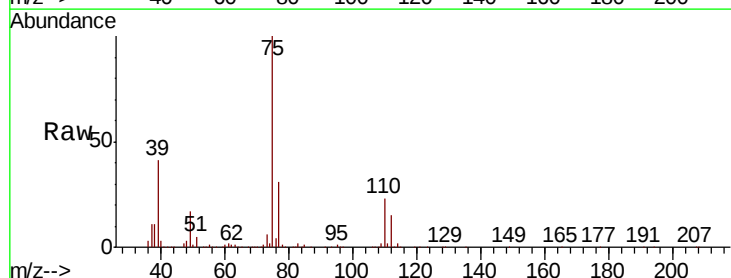
Tgt Ion: 75 Resp: 152998

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

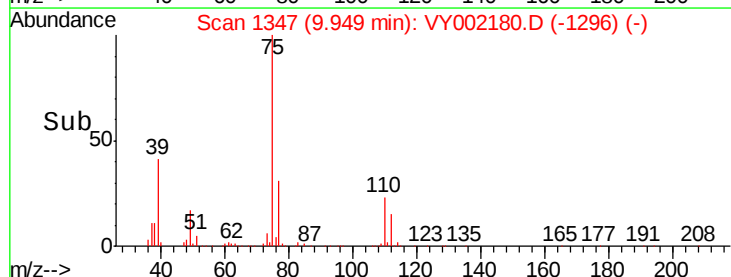
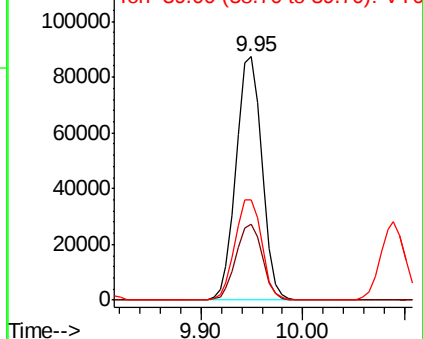
39 41.2 35.2 52.8

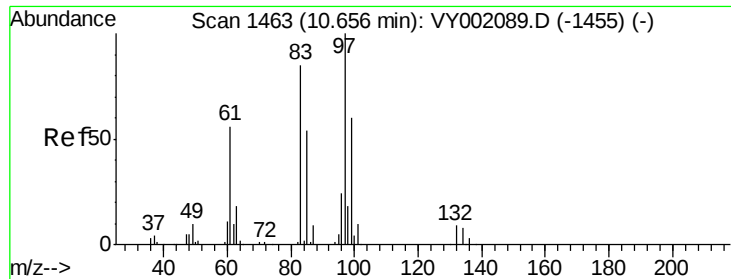


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 52.216 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

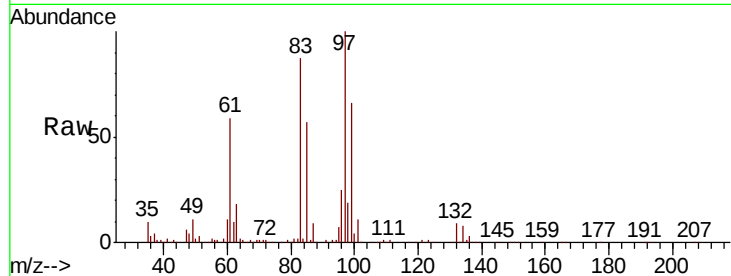
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 74752

Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.2	102.2
85	57.1	42.9	64.3
99	66.4	47.9	71.9

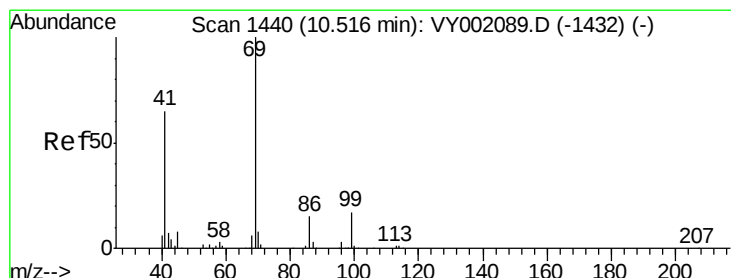
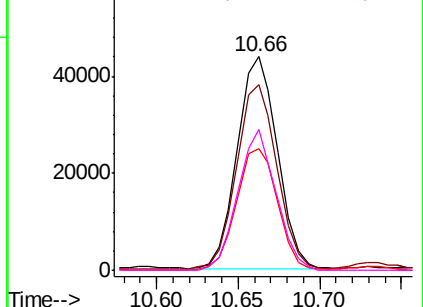
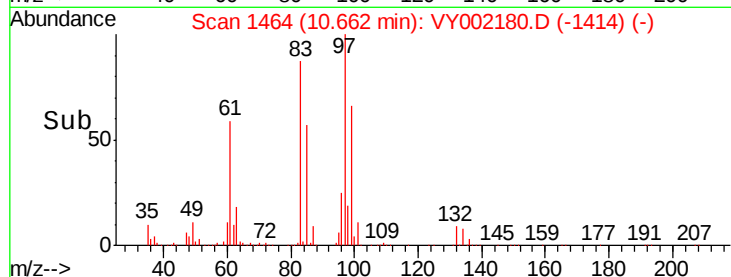


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 54.680 ug/l

RT: 10.52 min Scan# 1441

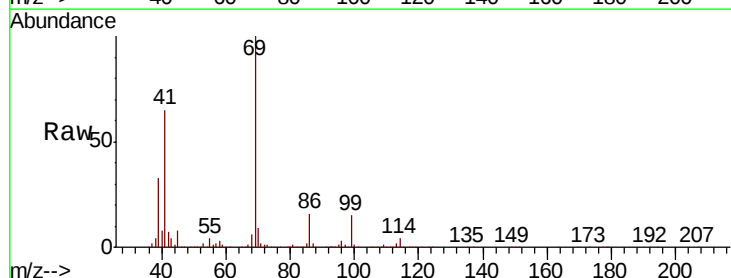
Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion: 69 Resp: 114333

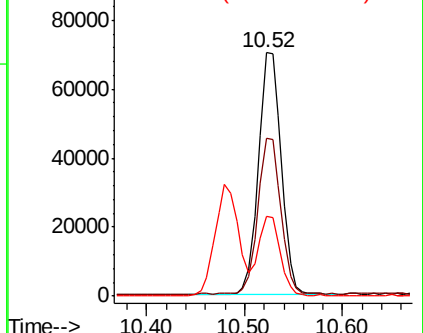
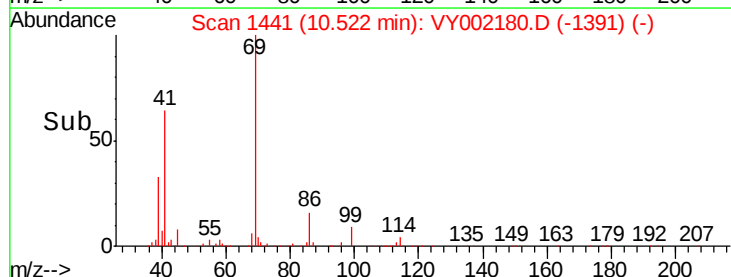
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.8	79.2
39	31.0	25.0	37.6

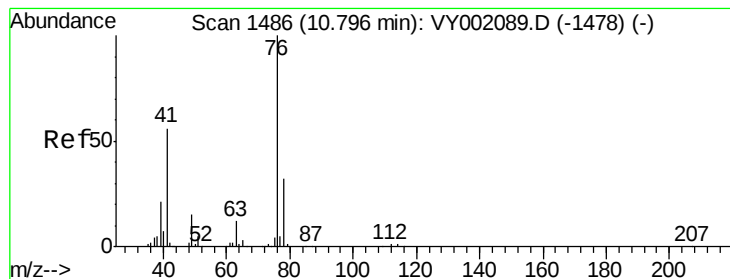


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 52.569 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

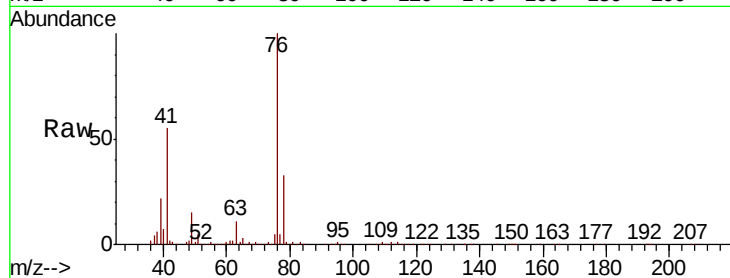
ClientSampled :

Tot Ion: 76 Resp: 132964

Ion Ratio Lower Upper

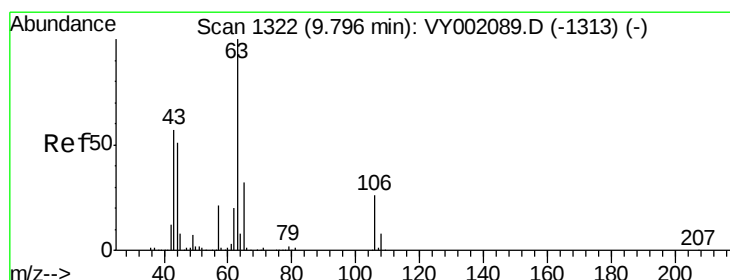
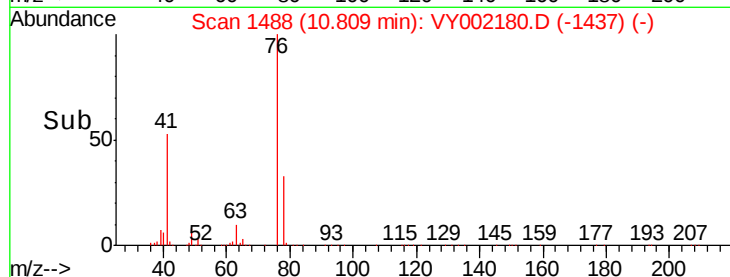
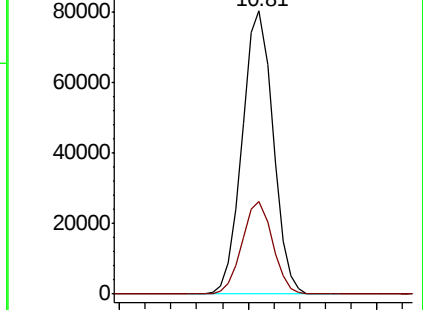
76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY002180.D (-1478) (-)

Ion 77.90 (77.60 to 78.60): VY002180.D (-1478) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 283.534 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002180.D

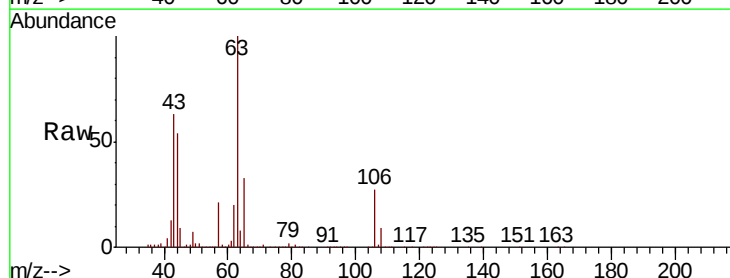
Acq: 01 Apr 2020 21:38

Tgt Ion: 63 Resp: 304633

Ion Ratio Lower Upper

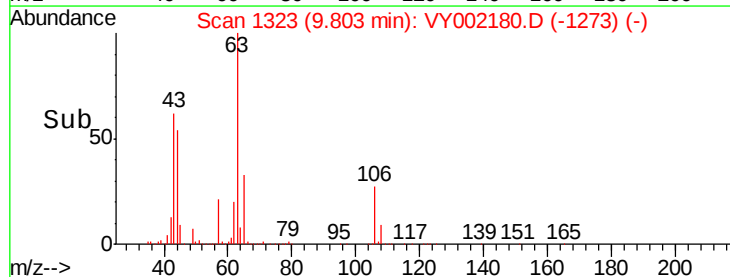
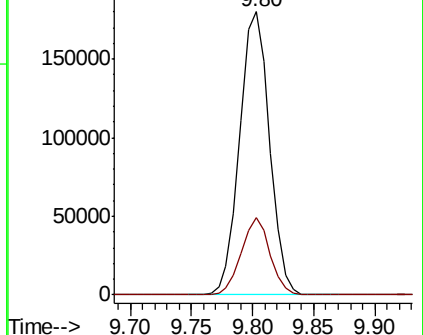
63 100

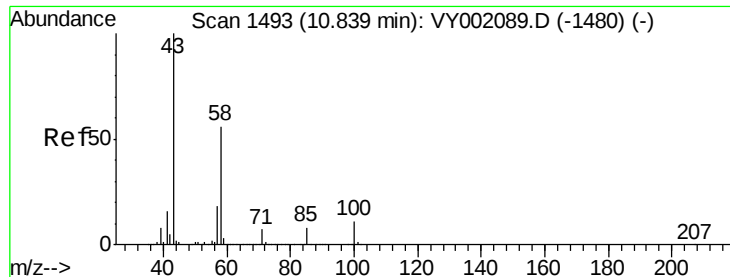
106 26.0 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY002180.D (-1273) (-)

Ion 105.90 (105.60 to 106.60): VY002180.D (-1273) (-)

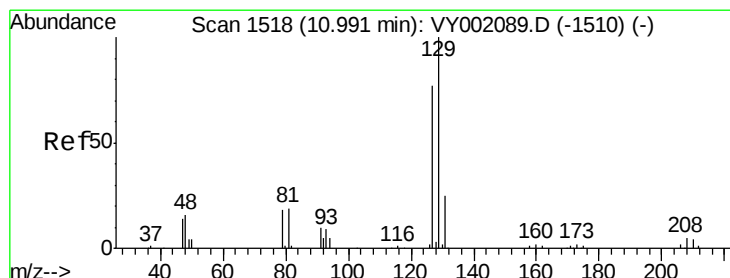
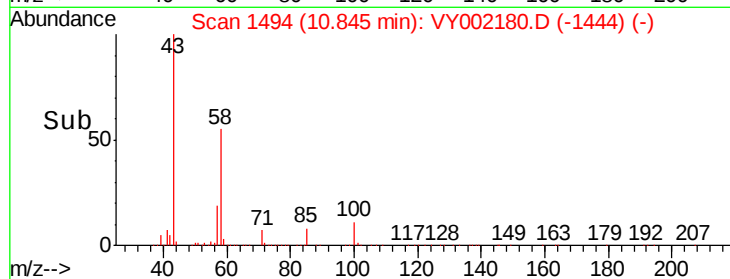
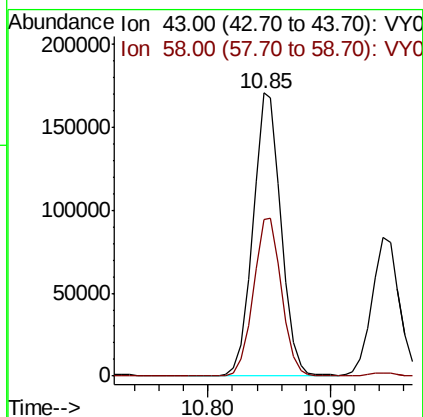
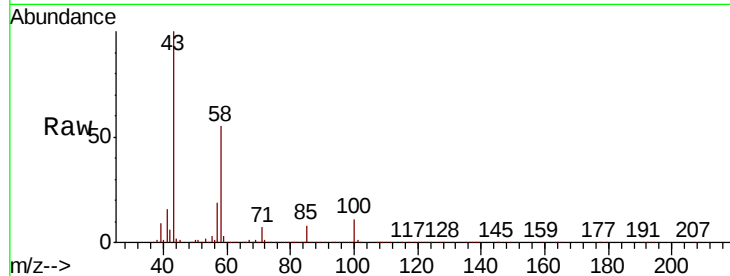




#59
2-Hexanone
Concen: 266.072 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

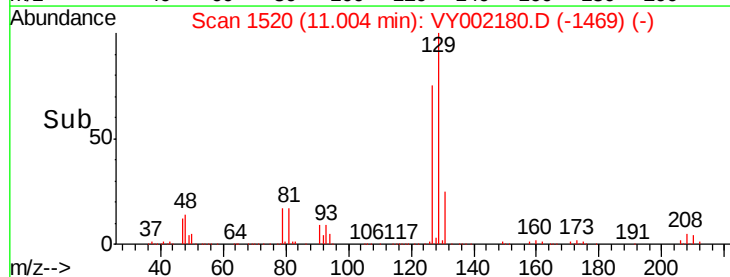
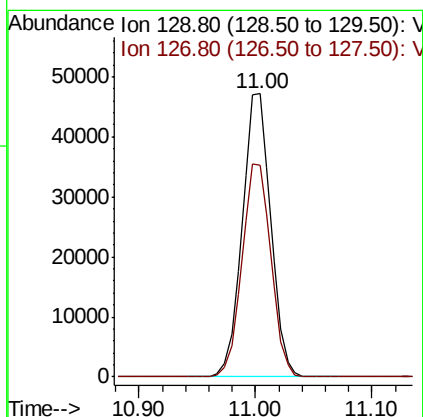
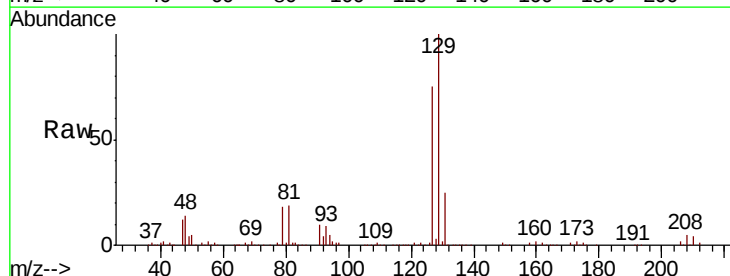
Instrument :
MSVOA_Y
ClientSampleId :

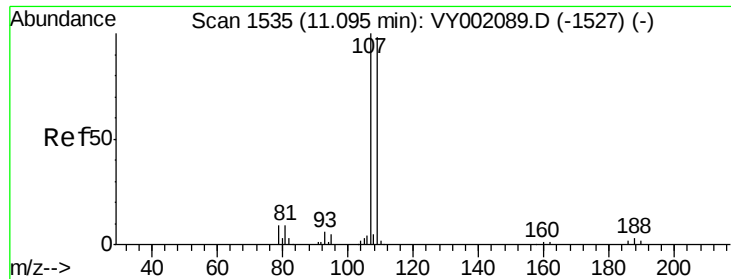
Tot Ion: 43 Resp: 270313
Ion Ratio Lower Upper
43 100
58 56.4 27.9 83.6



#60
Dibromochloromethane
Concen: 53.949 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 129 Resp: 80818
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1

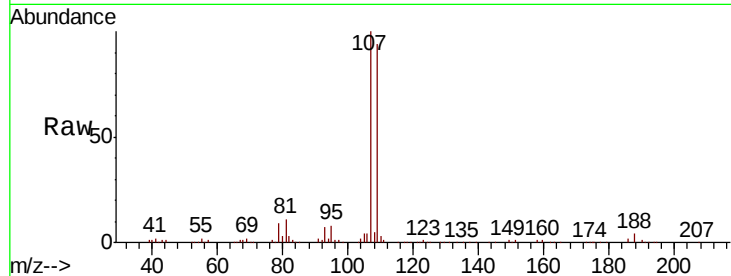




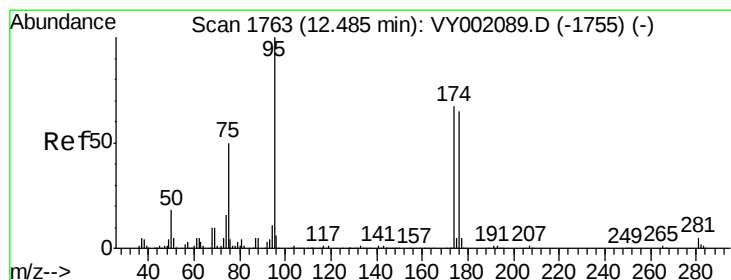
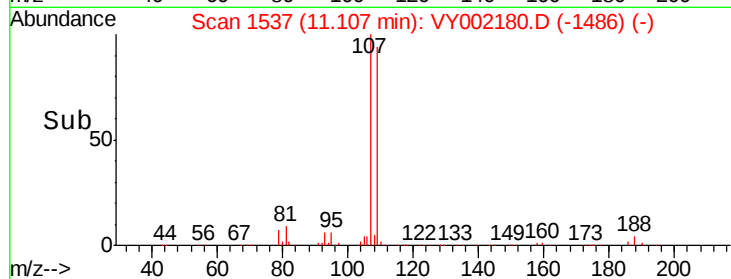
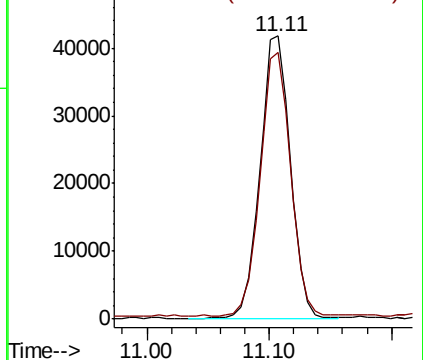
#61
 1,2-Dibromoethane
 Concen: 53.475 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 71654
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.3 114.5

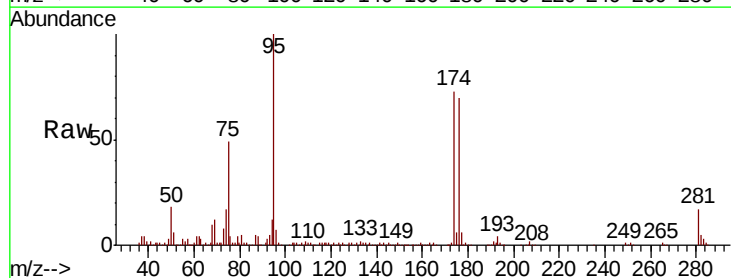


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

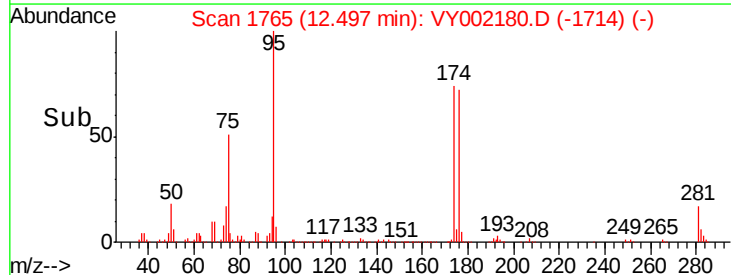
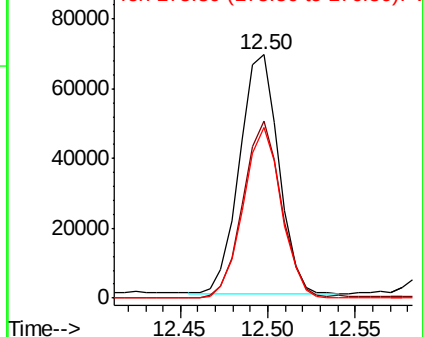


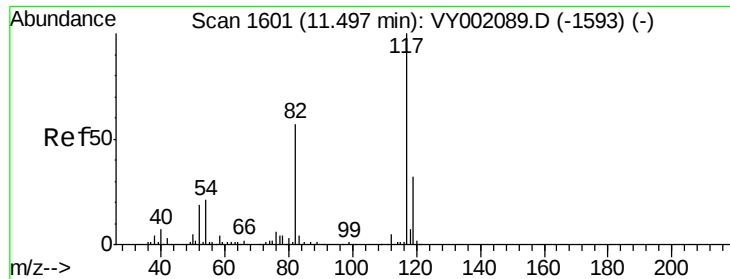
#62
 4-Bromofluorobenzene
 Concen: 49.329 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion: 95 Resp: 106022
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 143.4
 176 69.8 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

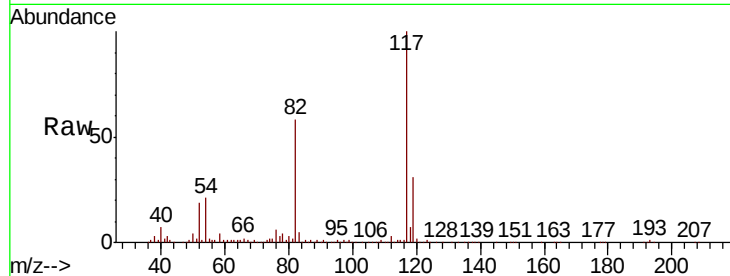




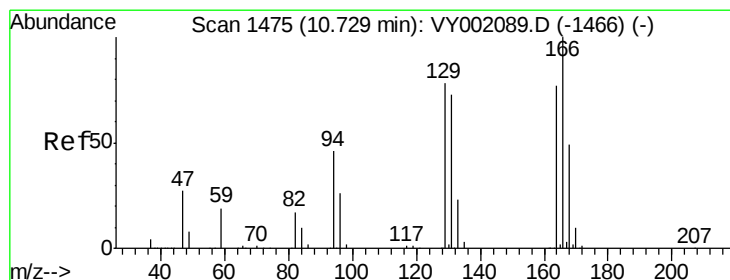
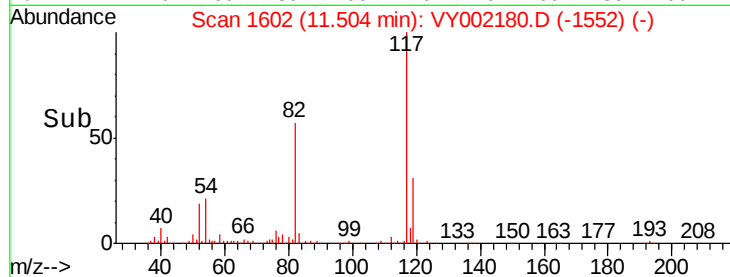
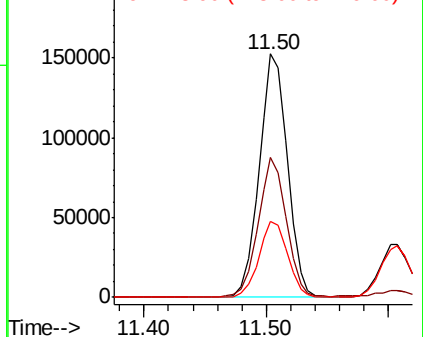
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 244327
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 31.0 25.3 37.9

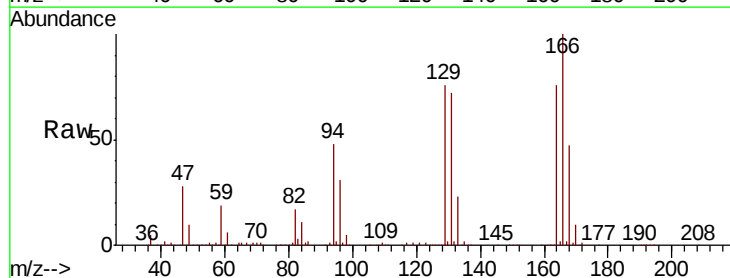


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

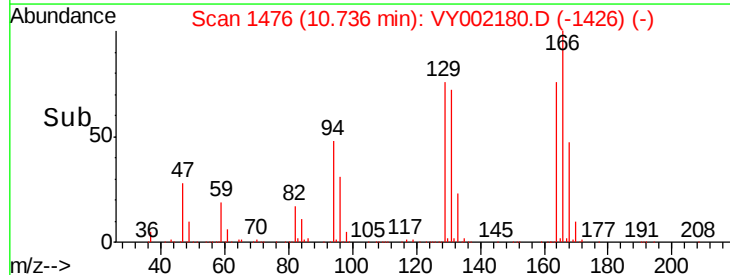
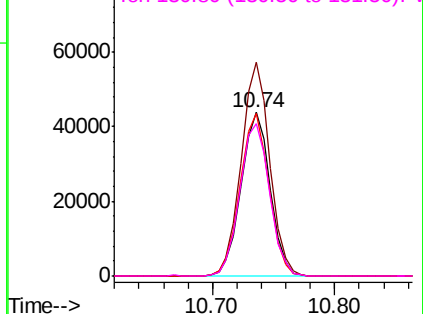


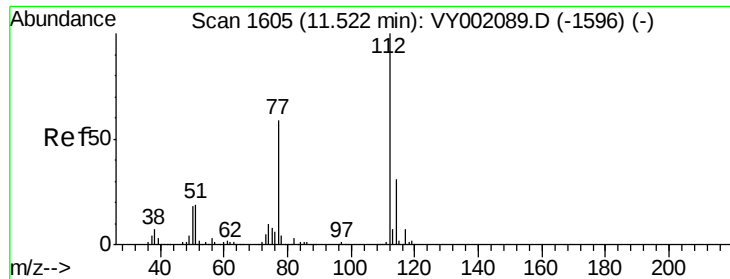
#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:164 Resp: 72018
Ion Ratio Lower Upper
164 100
166 130.7 104.0 156.0
129 99.6 81.2 121.8
131 93.4 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

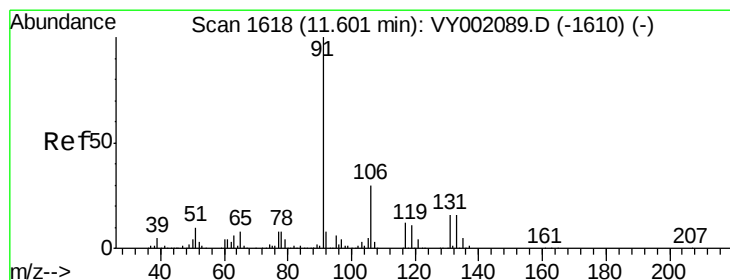
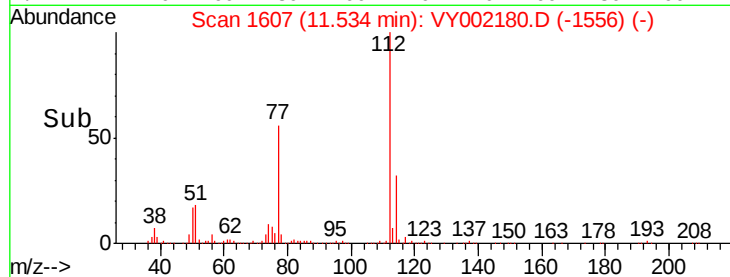
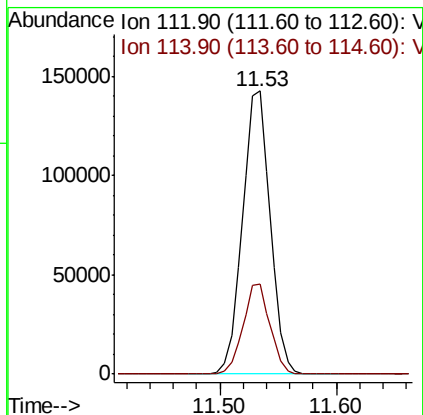
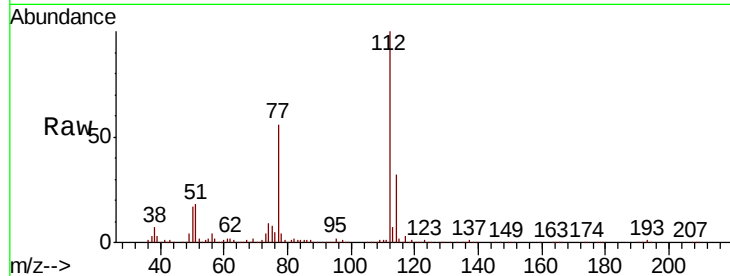




#65
Chlorobenzene
Concen: 50.247 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

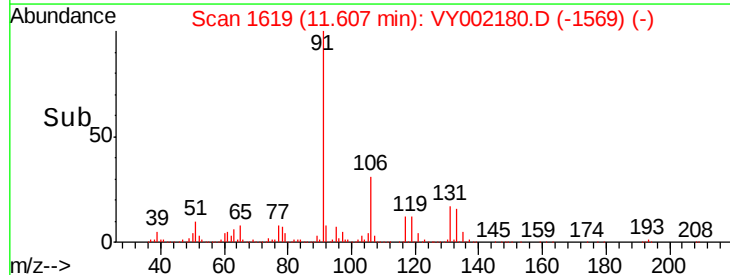
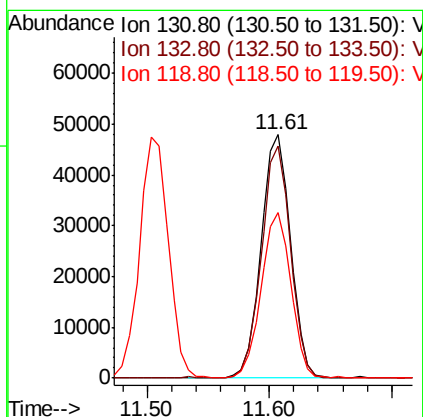
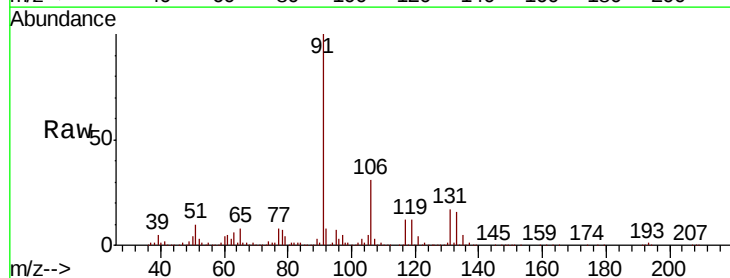
Instrument :
MSVOA_Y
ClientSampleId :

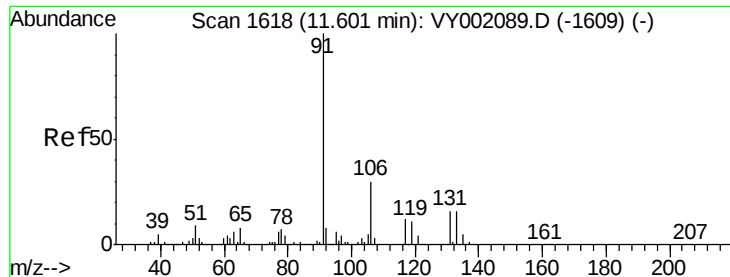
Tot Ion:112 Resp: 236980
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.499 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:131 Resp: 79680
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 68.9 34.6 103.9

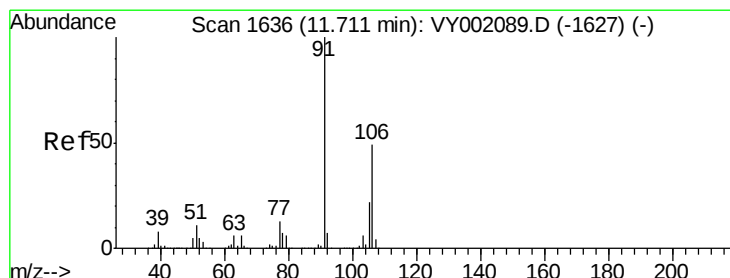
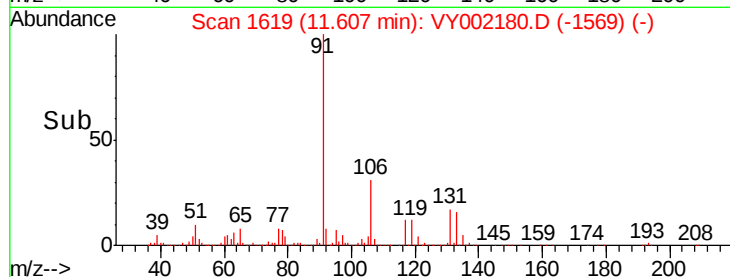
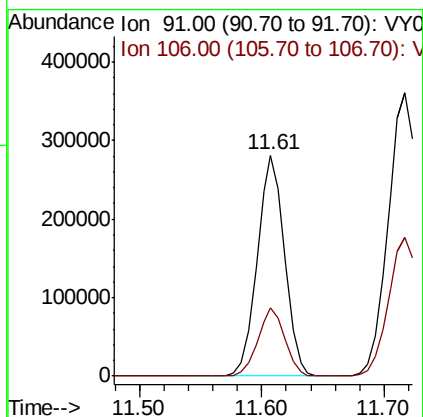
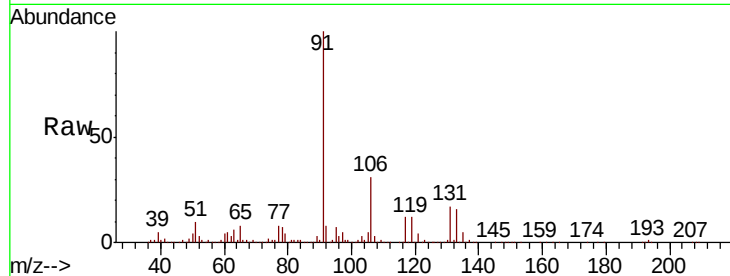




#67
Ethyl Benzene
Concen: 49.803 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

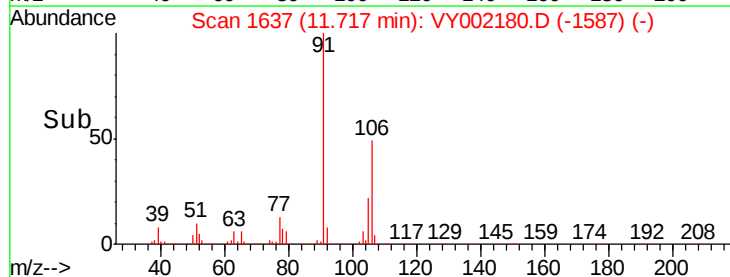
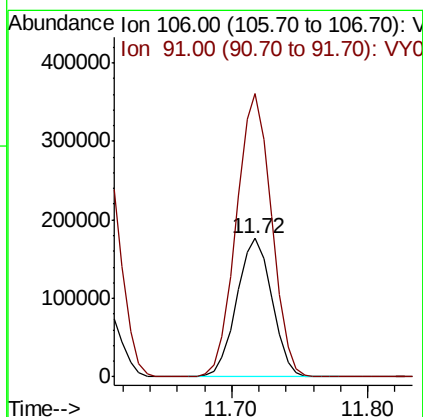
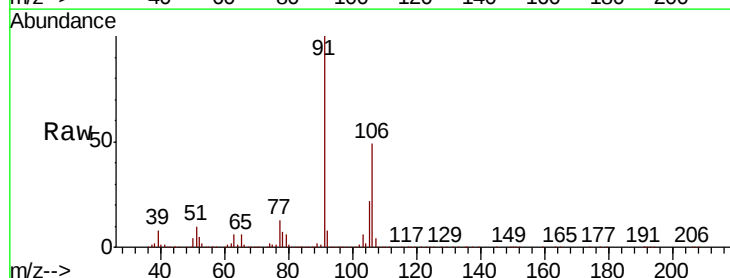
Instrument :
MSVOA_Y
ClientSampled :

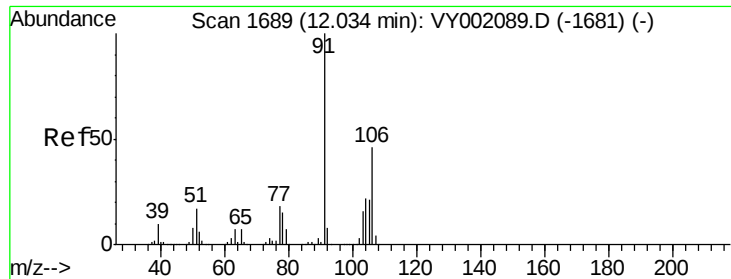
Tot Ion: 91 Resp: 436244
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 98.623 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 106 Resp: 319407
Ion Ratio Lower Upper
106 100
91 203.6 162.8 244.2

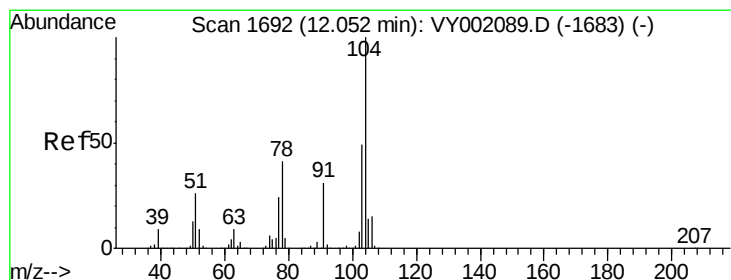
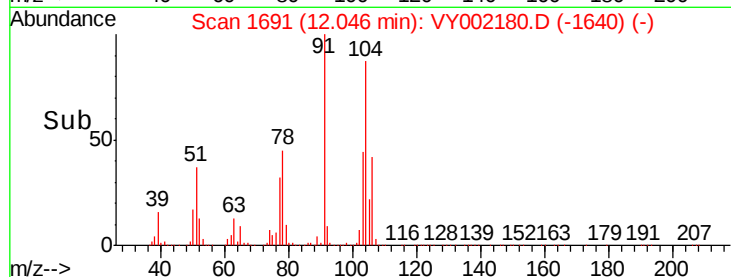
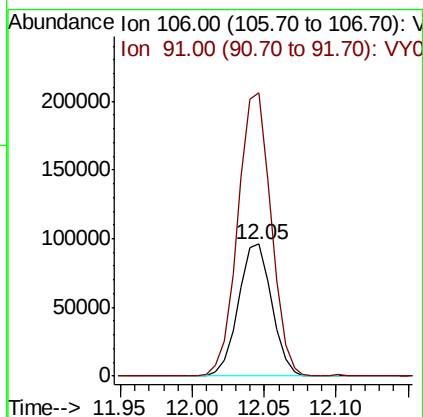
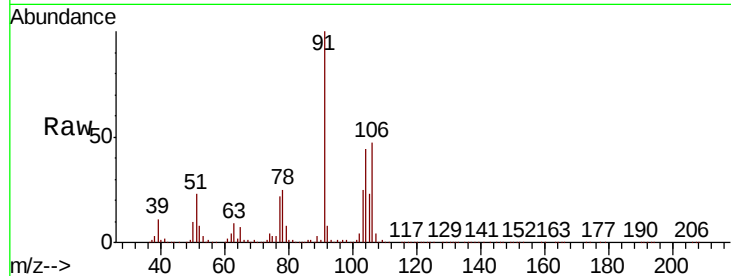




#69
o-Xylene
Concen: 50.211 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

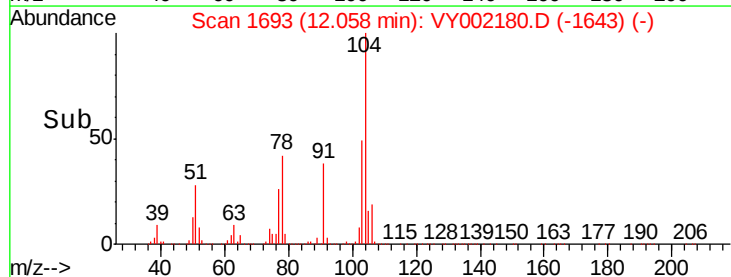
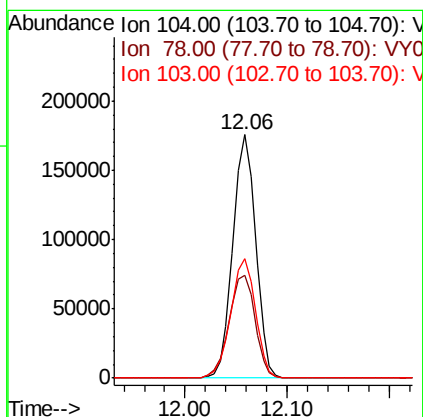
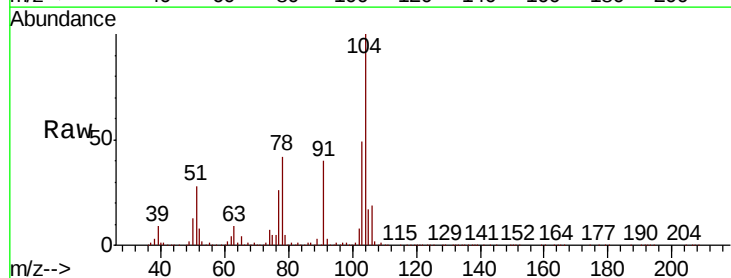
Instrument :
MSVOA_Y
ClientSampled :

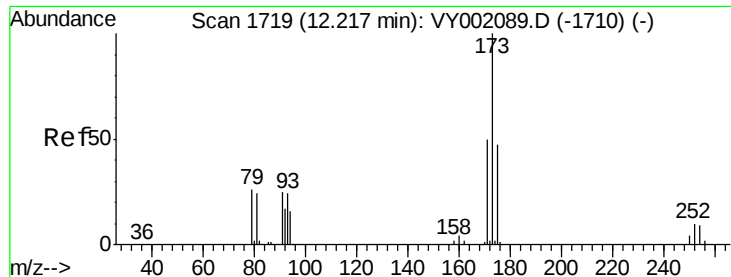
Tot Ion:106 Resp: 154260
Ion Ratio Lower Upper
106 100
91 213.3 107.3 321.8



#70
Styrene
Concen: 50.956 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:104 Resp: 271272
Ion Ratio Lower Upper
104 100
78 47.9 37.9 56.9
103 53.2 43.2 64.8

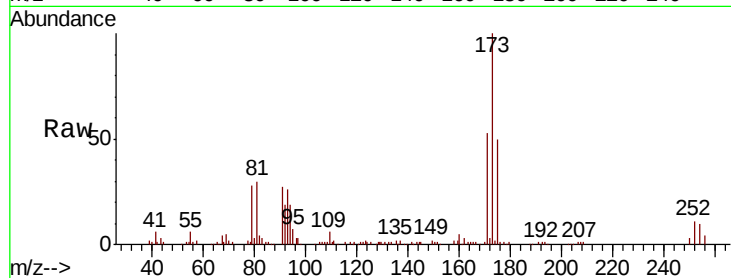




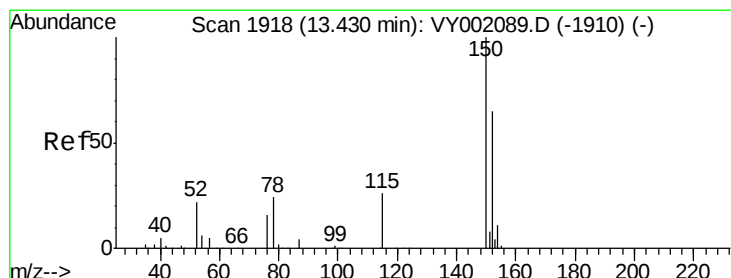
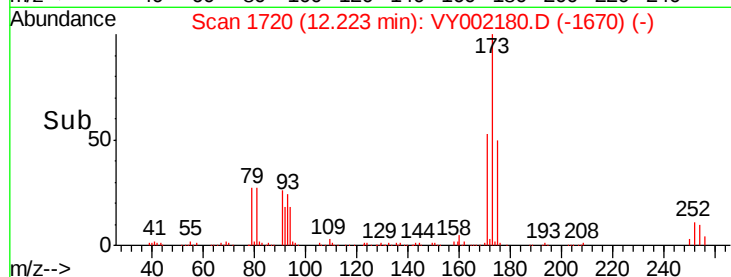
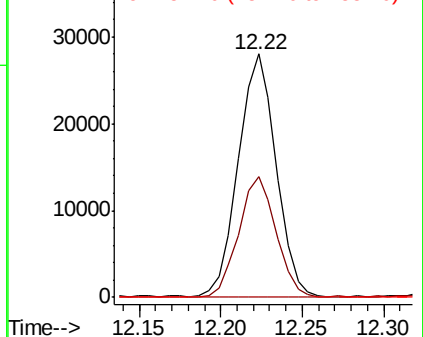
#71
Bromoform
Concen: 52.035 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 44968
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.0 0.0 0.0

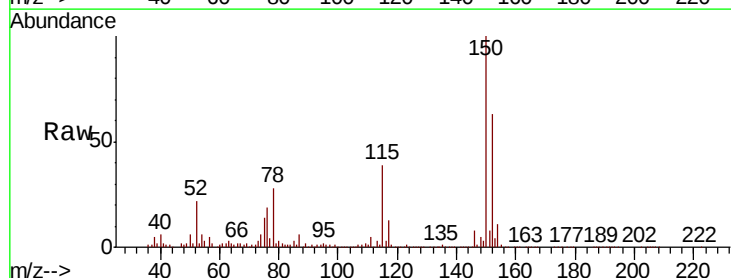


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

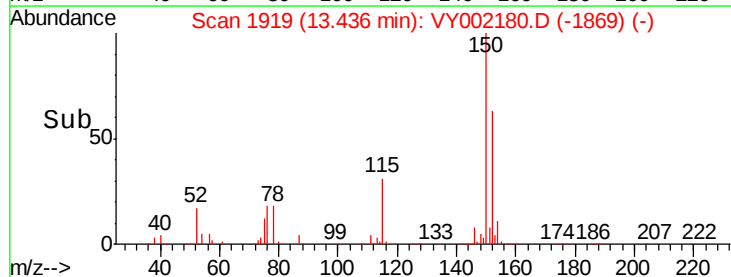
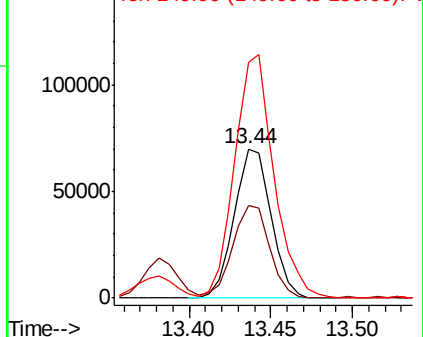


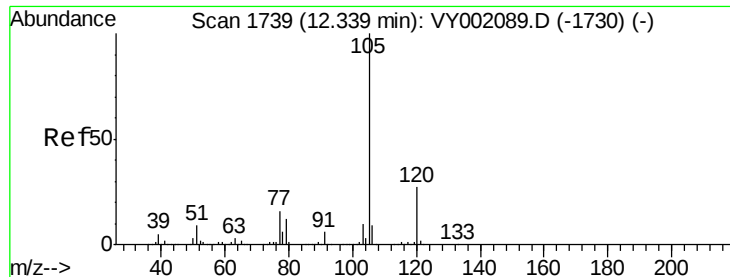
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:152 Resp: 109639
Ion Ratio Lower Upper
152 100
115 61.8 31.2 93.6
150 173.8 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

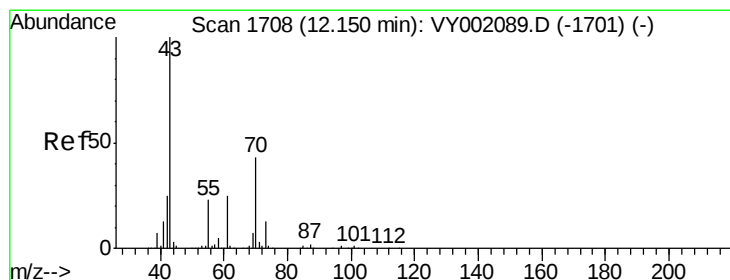
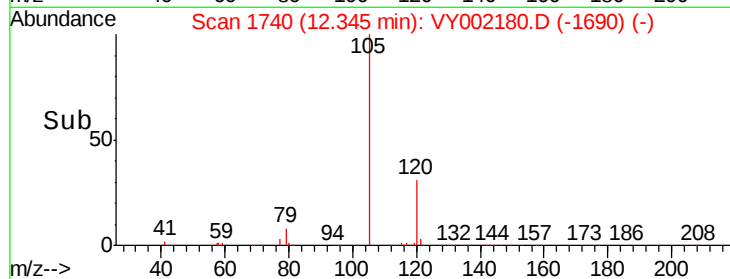
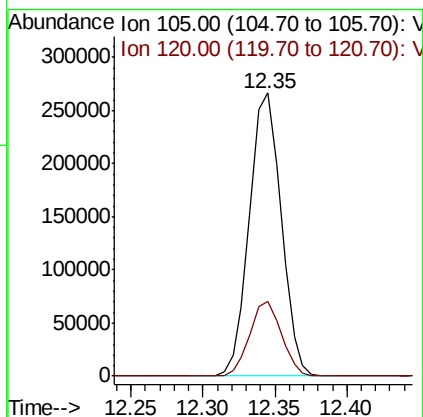
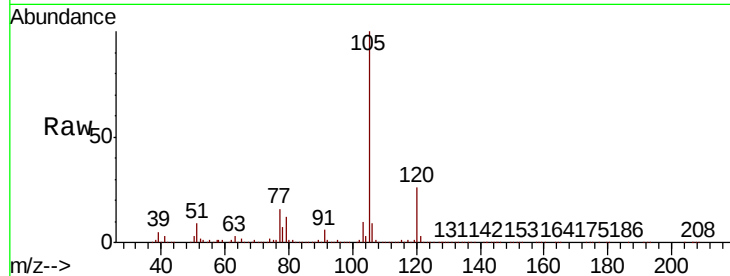




#73
Isopropylbenzene
Concen: 50.120 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

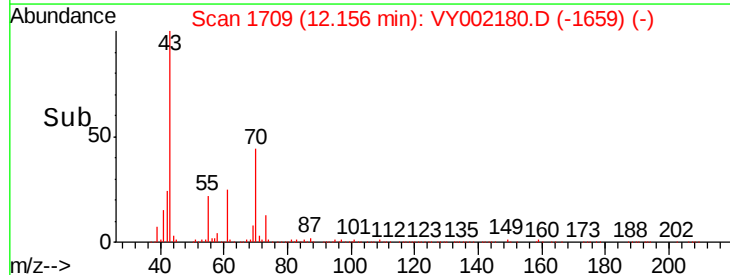
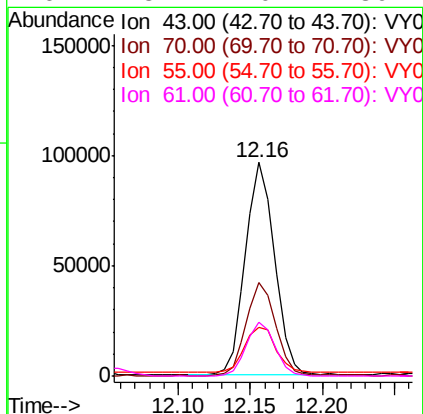
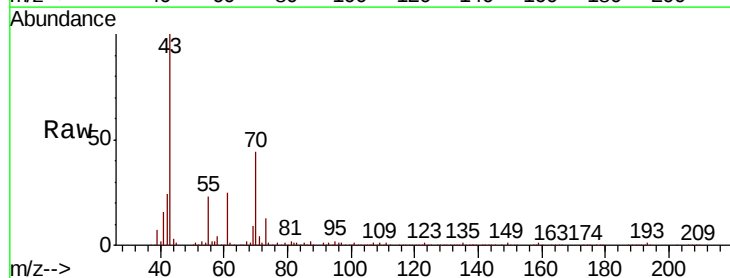
Instrument :
MSVOA_Y
ClientSampleId :

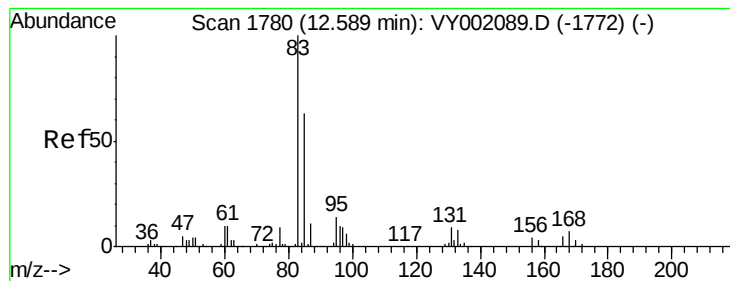
Tot Ion:105 Resp: 407634
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.8



#74
N-ethyl acetate
Concen: 52.384 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 43 Resp: 134372
Ion Ratio Lower Upper
43 100
70 44.1 35.0 52.4
55 22.8 18.7 28.1
61 25.4 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.189 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

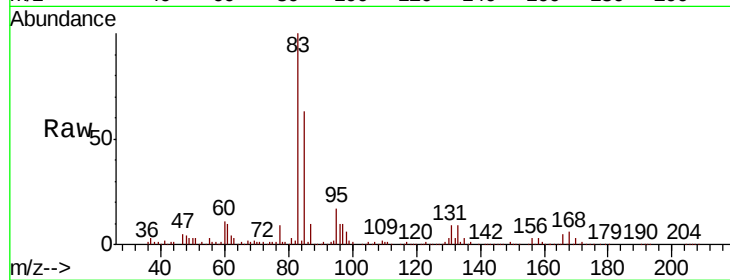
Tot Ion: 83 Resp: 94838

Ion Ratio Lower Upper

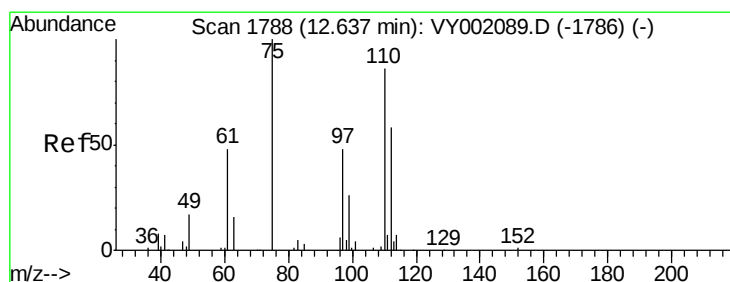
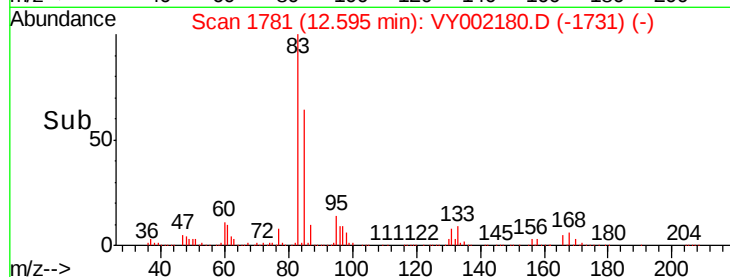
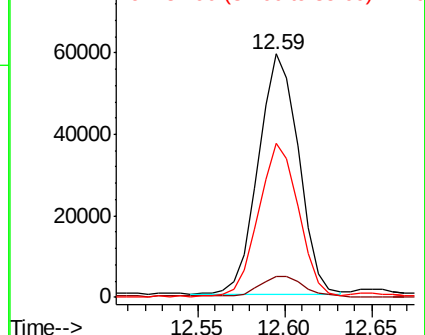
83 100

131 9.5 4.7 14.1

85 63.4 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: 98.532 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002180.D

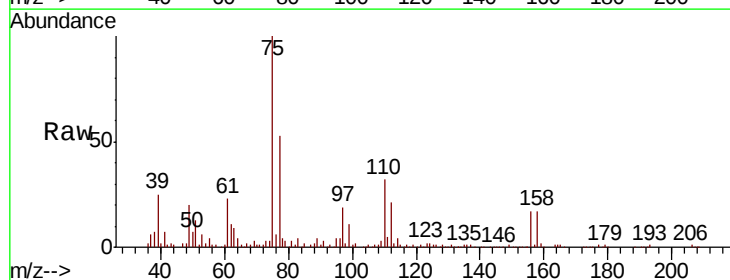
Acq: 01 Apr 2020 21:38

Tgt Ion: 75 Resp: 120841

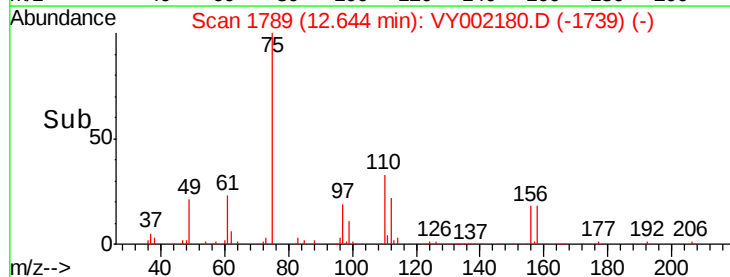
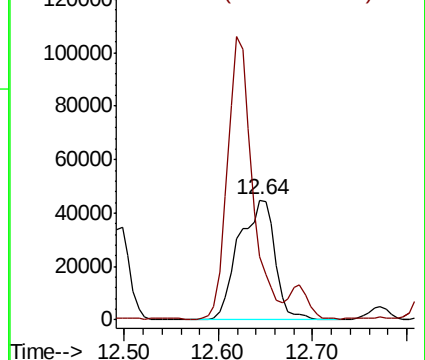
Ion Ratio Lower Upper

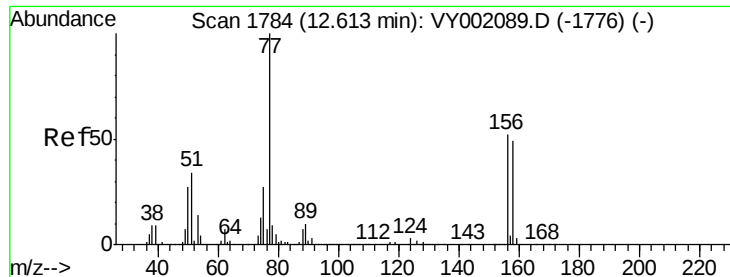
75 100

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: 51.726 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampled :

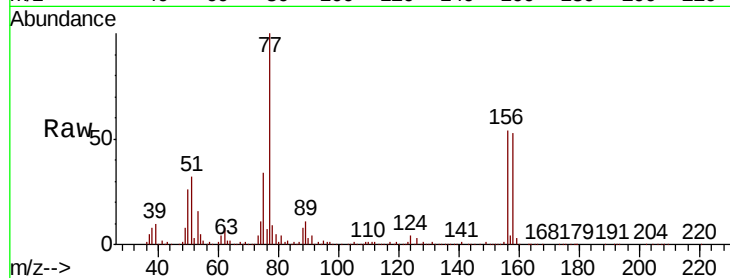
Tot Ion:156 Resp: 89806

Ion Ratio Lower Upper

156 100

77 216.4 107.8 323.6

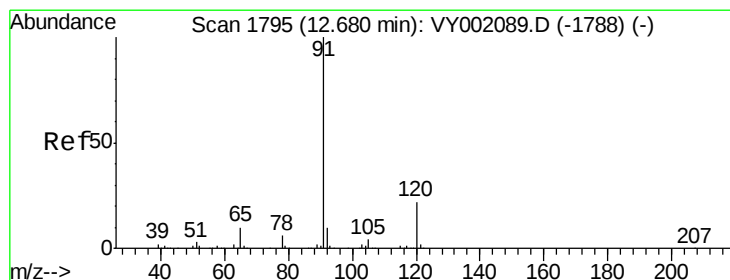
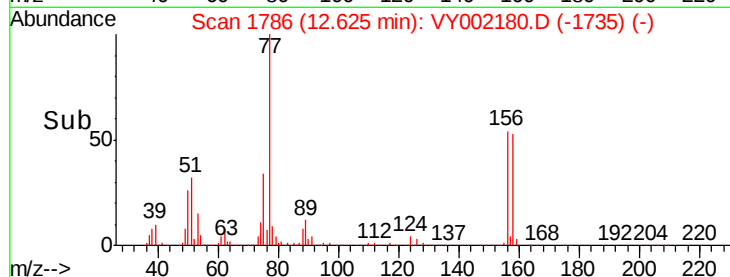
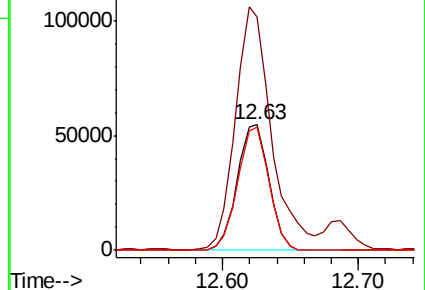
158 95.6 47.5 142.6



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: 49.234 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002180.D

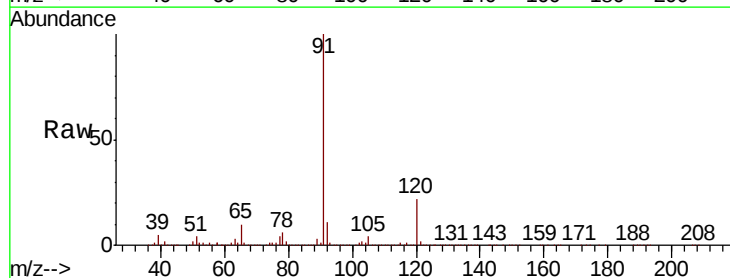
Acq: 01 Apr 2020 21:38

Tgt Ion: 91 Resp: 496914

Ion Ratio Lower Upper

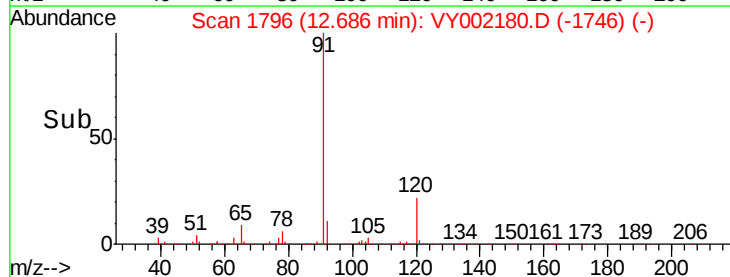
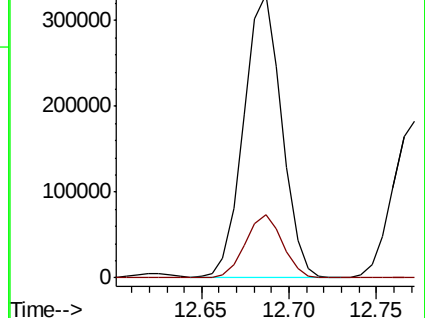
91 100

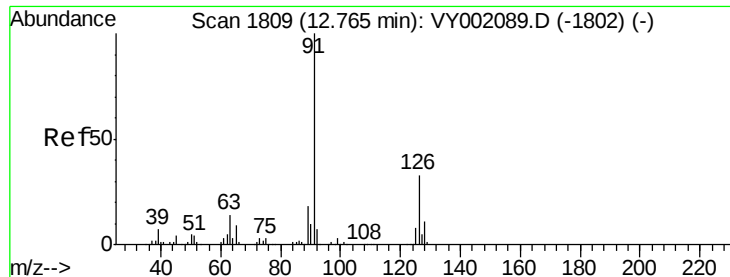
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

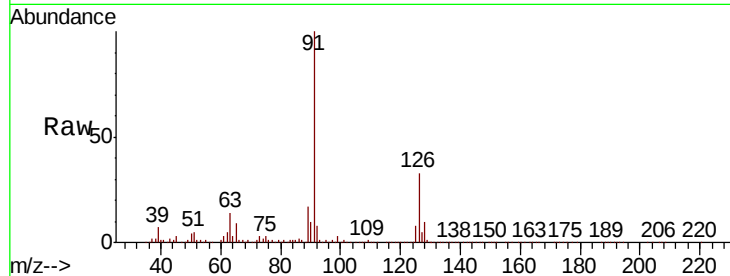




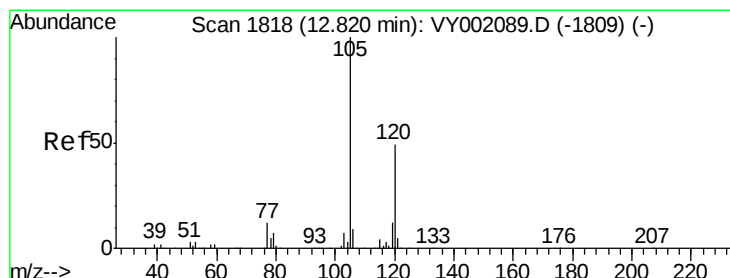
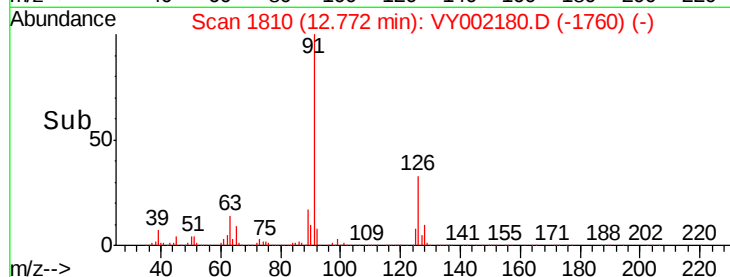
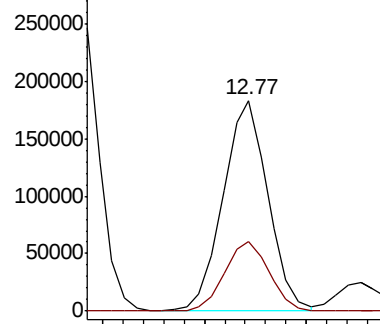
#79
2-Chlorotoluene
Concen: 50.061 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 277420
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.1

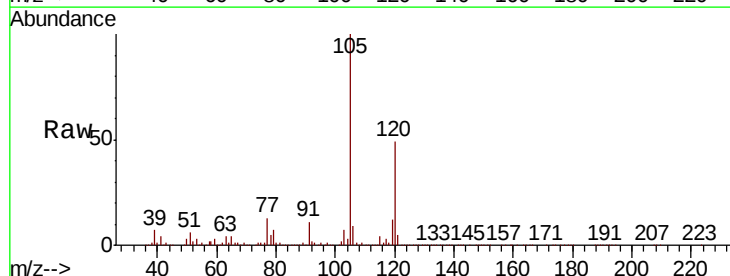


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

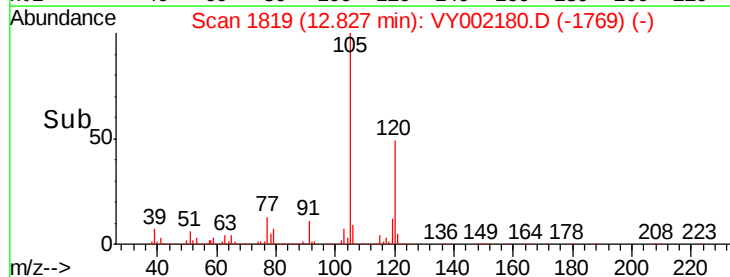
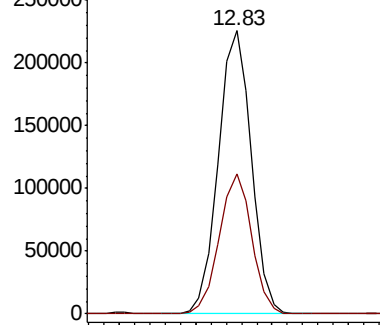


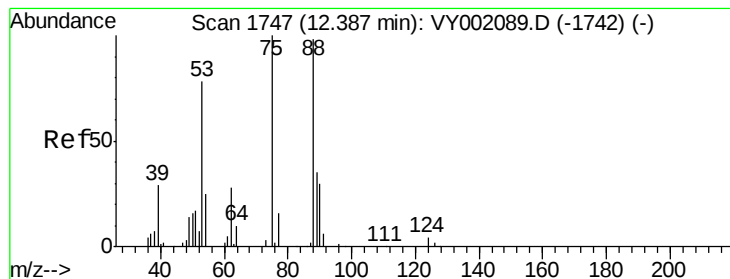
#80
1,3,5-Trimethylbenzene
Concen: 50.210 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:105 Resp: 336914
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.763 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

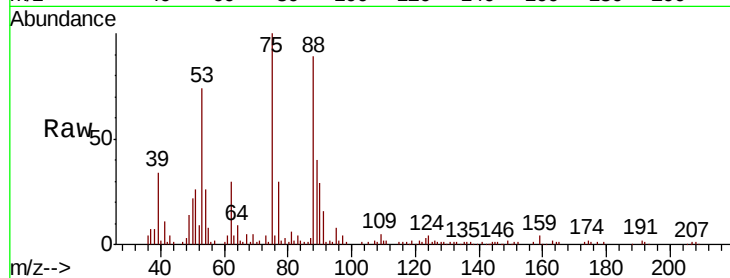
Tot Ion: 75 Resp: 34034

Ion Ratio Lower Upper

75 100

53 80.0 65.0 97.4

89 41.7 33.4 50.0

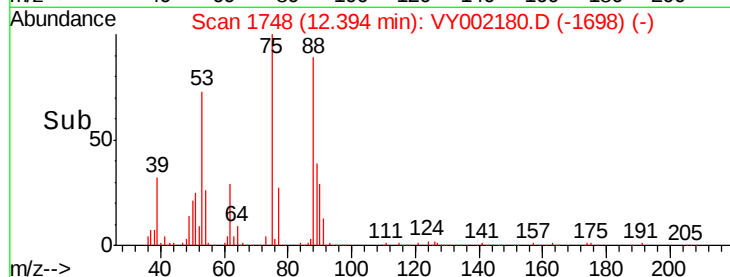


Abundance Ion 74.90 (74.60 to 75.60): VY002180.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY002180.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY002180.D (-1742) (-)

Time-->

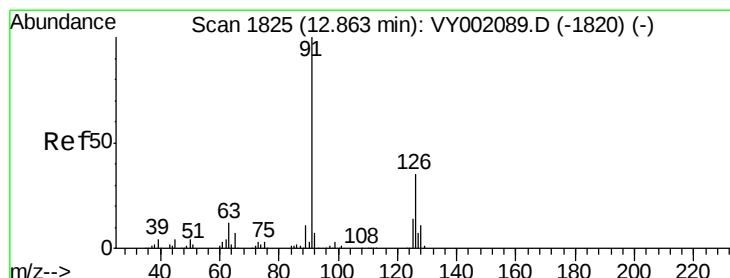


Abundance Ion 74.90 (74.60 to 75.60): VY002180.D (-1698) (-)

Ion 53.00 (52.70 to 53.70): VY002180.D (-1698) (-)

Ion 88.90 (88.60 to 89.60): VY002180.D (-1698) (-)

Time-->



#82

4-Chlorotoluene

Concen: 49.787 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002180.D

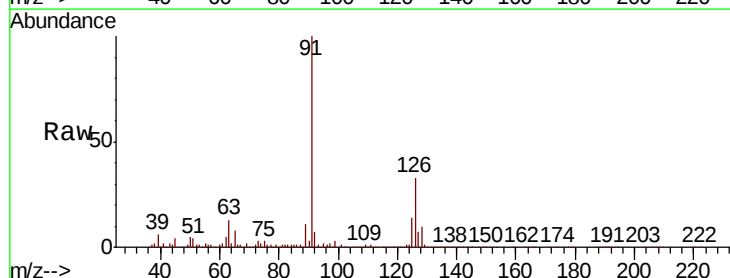
Acq: 01 Apr 2020 21:38

Tgt Ion: 91 Resp: 290737

Ion Ratio Lower Upper

91 100

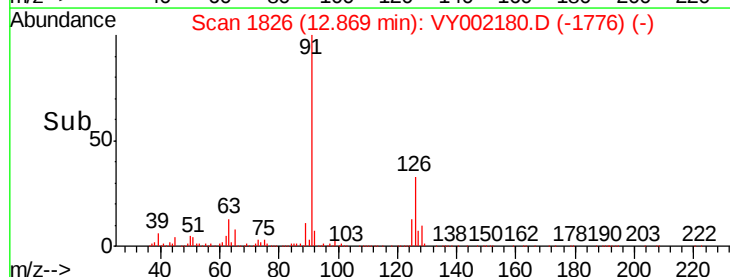
126 33.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY002180.D (-1820) (-)

Ion 125.90 (125.60 to 126.60): VY002180.D (-1820) (-)

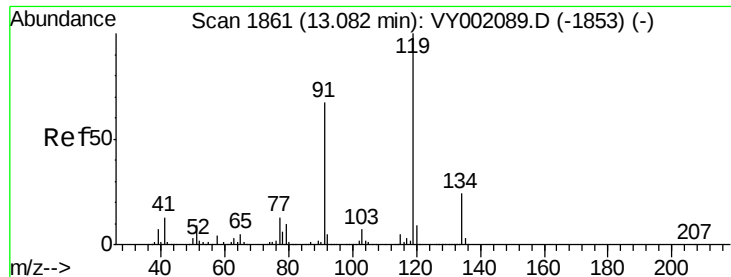
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VY002180.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY002180.D (-1776) (-)

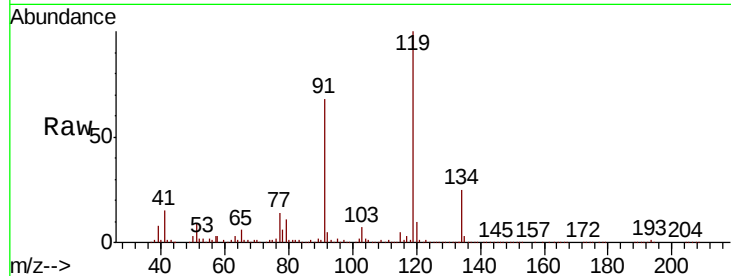
Time-->



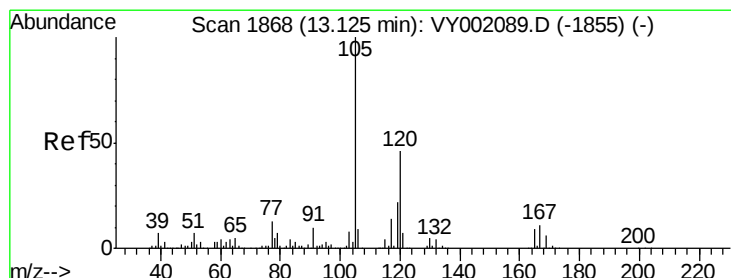
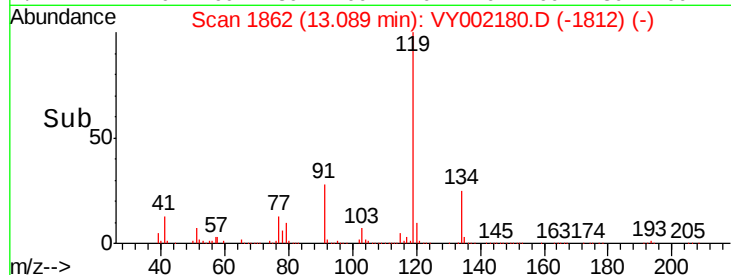
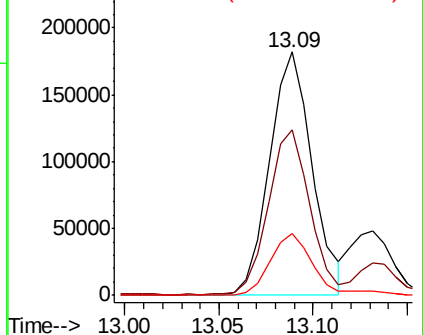
#83
tert-Butylbenzene
Concen: 50.744 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 284218
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.6
134 26.4 13.0 38.9

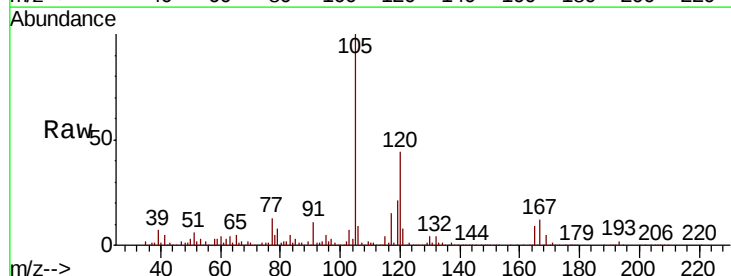


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

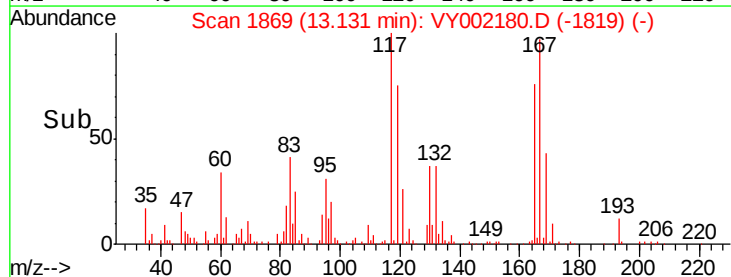
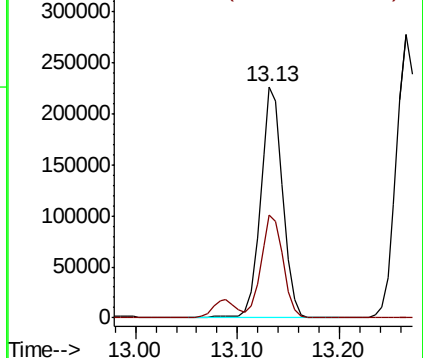


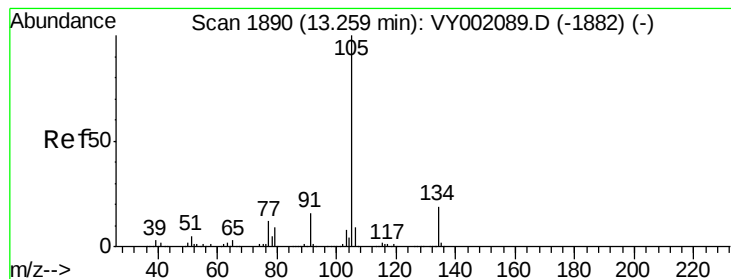
#84
1,2,4-Trimethylbenzene
Concen: 50.480 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:105 Resp: 337957
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.371 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

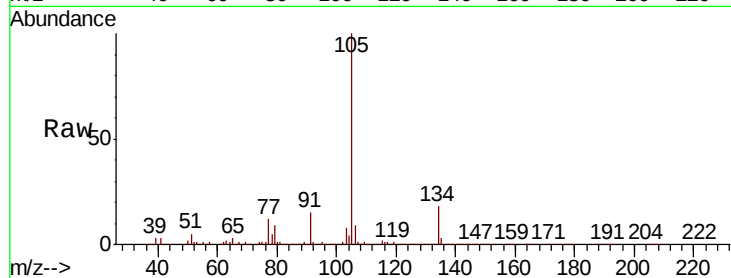
ClientSampled :

Tot Ion:105 Resp: 409584

Ion Ratio Lower Upper

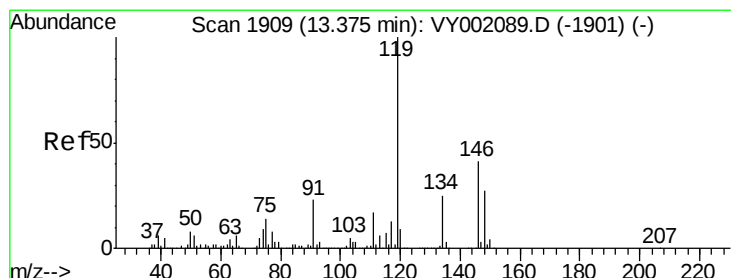
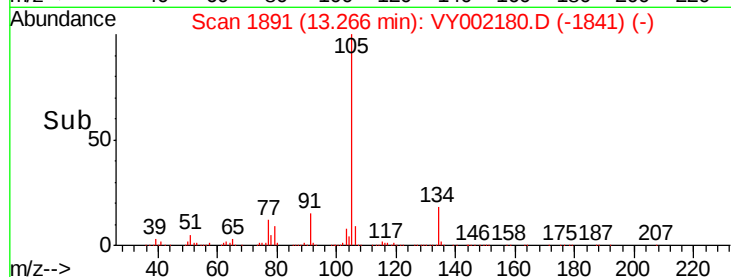
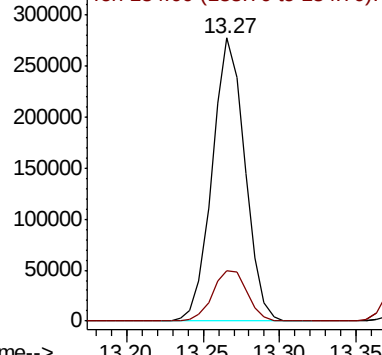
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.737 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

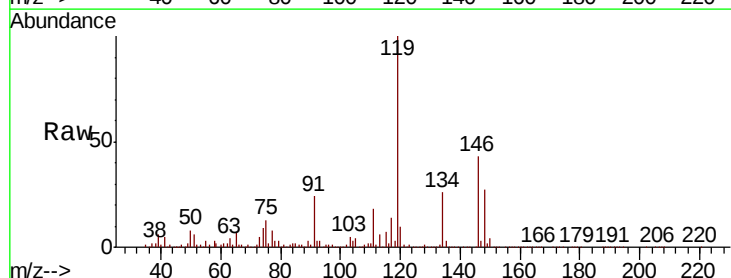
Tgt Ion:119 Resp: 354334

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

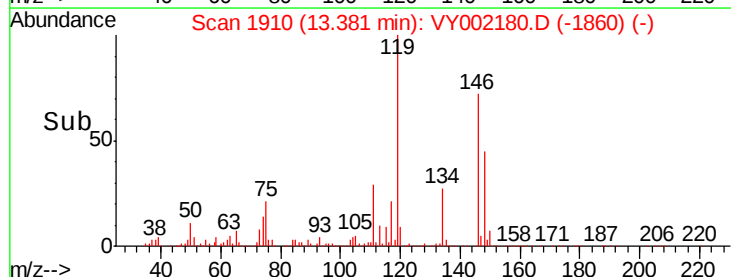
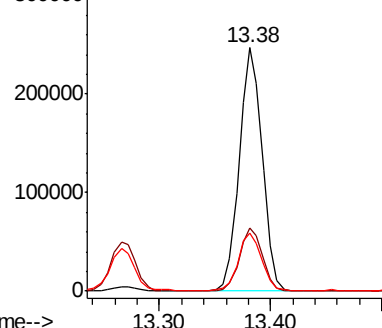
91 23.7 11.8 35.3

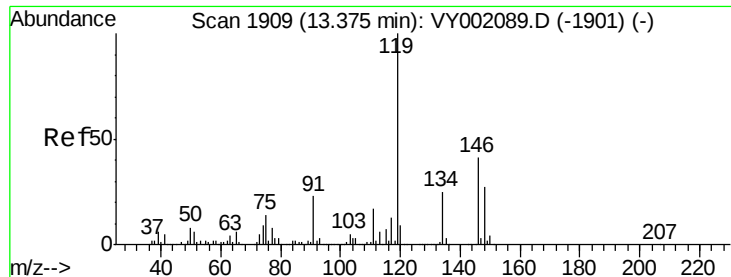


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

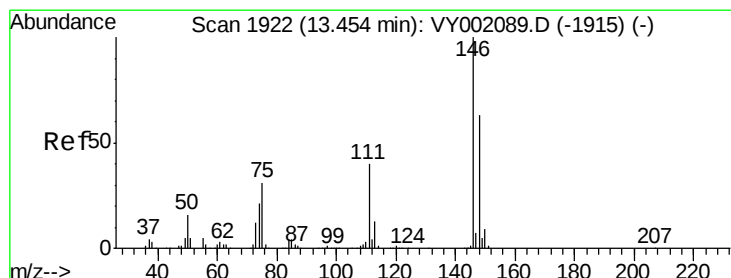
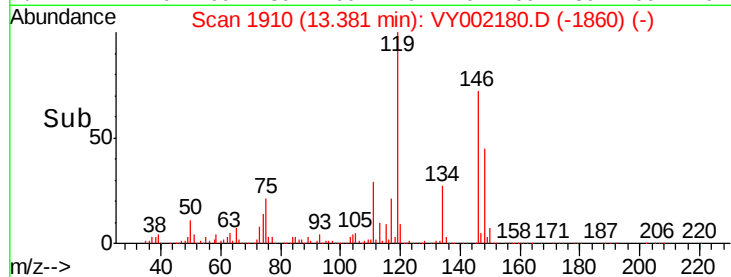
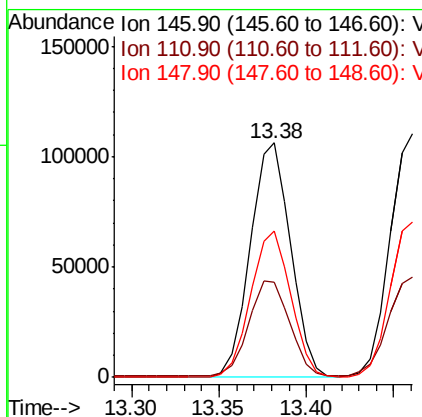
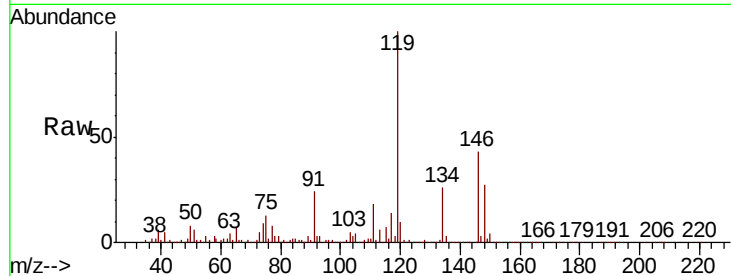




#87
 1,3-Dichlorobenzene
 Concen: 50.125 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

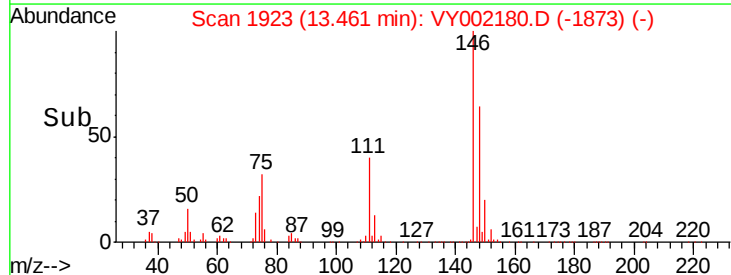
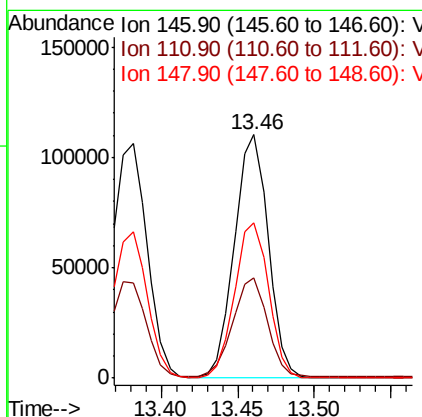
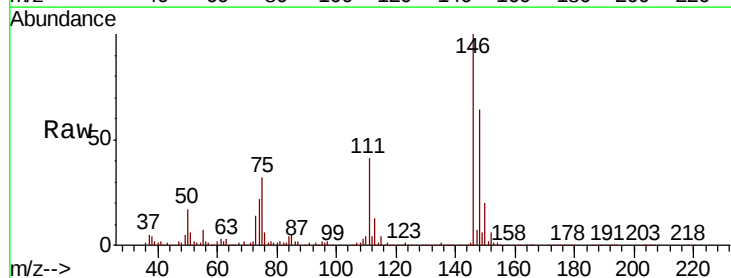
Instrument :
 MSVOA_Y
 ClientSampled :

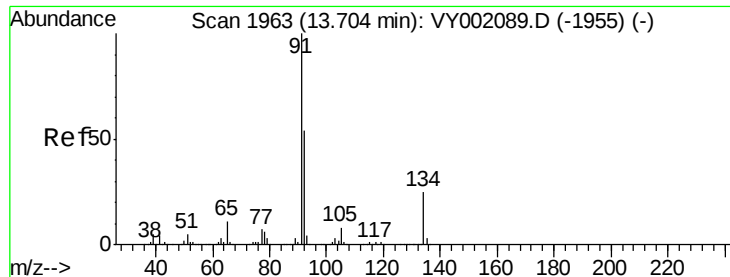
Tot Ion:146 Resp: 170249
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.9 62.8
 148 62.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.555 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion:146 Resp: 169372
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 47.932 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

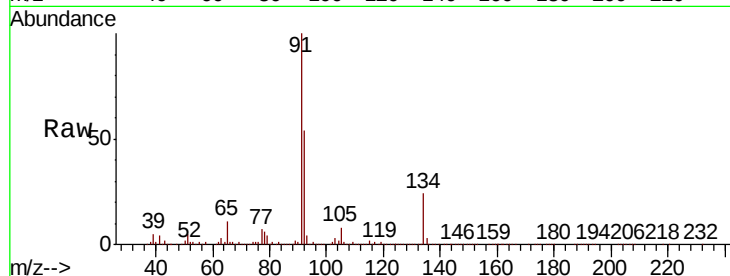
Tot Ion: 91 Resp: 355789

Ion Ratio Lower Upper

91 100

92 53.6 27.0 81.0

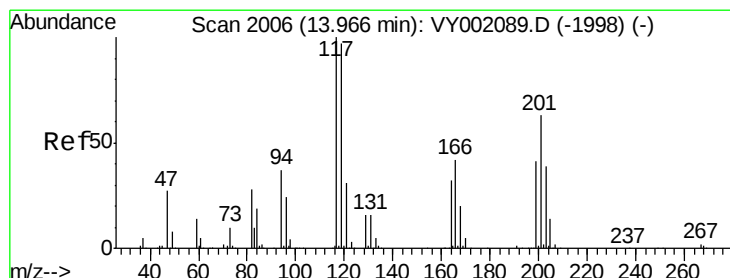
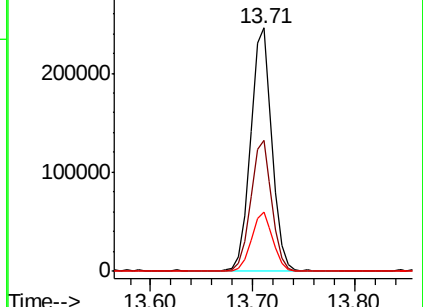
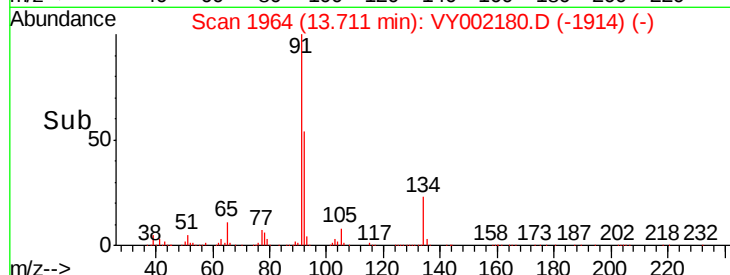
134 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002180.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002180.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002180.D (-1914) (-)



#90

Hexachloroethane

Concen: 50.992 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002180.D

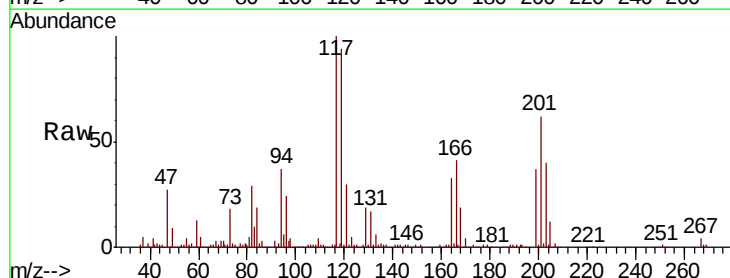
Acq: 01 Apr 2020 21:38

Tgt Ion: 117 Resp: 68453

Ion Ratio Lower Upper

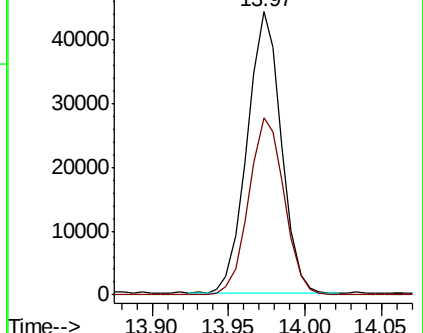
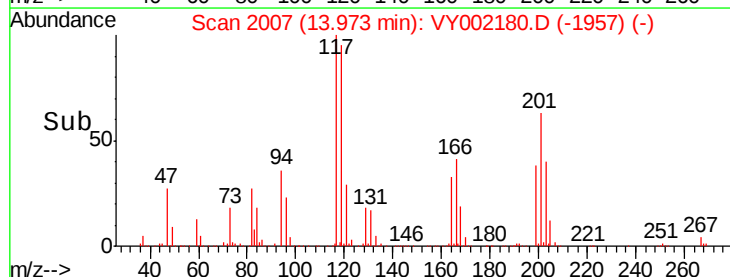
117 100

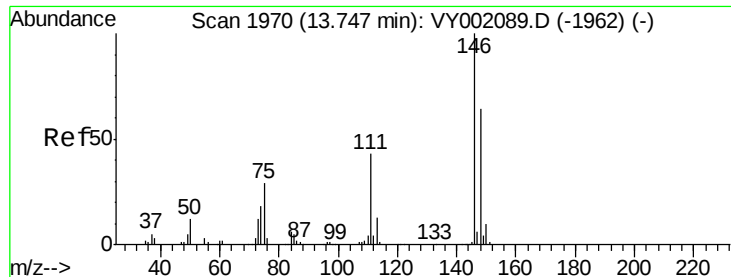
201 65.3 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002180.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002180.D (-1957) (-)





#91

1,2-Dichlorobenzene

Concen: 50.767 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

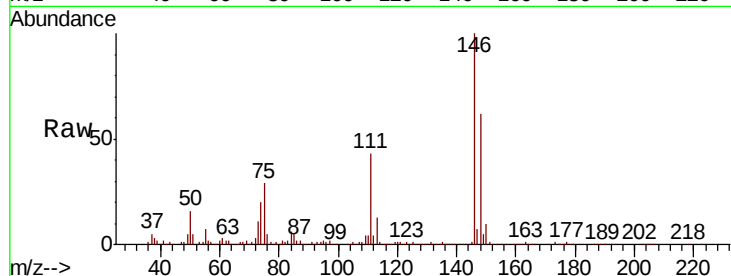
Tot Ion:146 Resp: 159234

Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.7

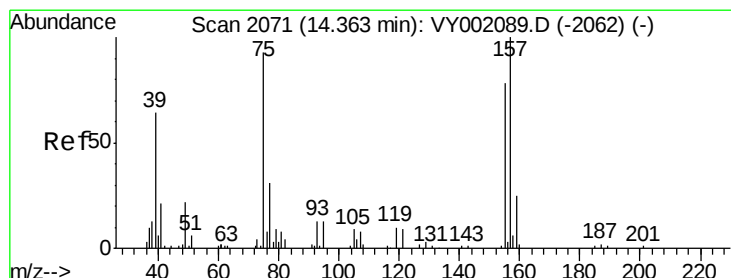
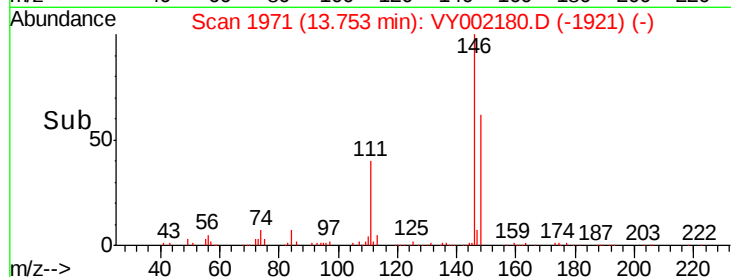
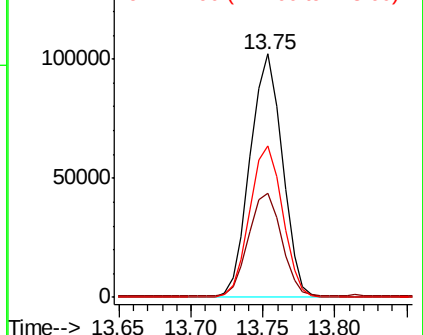
148 62.8 31.8 95.4



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: 53.217 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

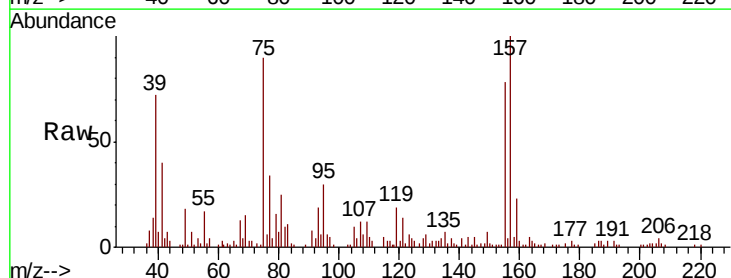
Tgt Ion: 75 Resp: 14919

Ion Ratio Lower Upper

75 100

155 84.1 41.6 124.9

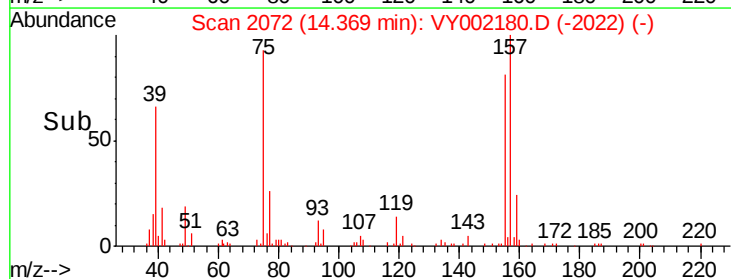
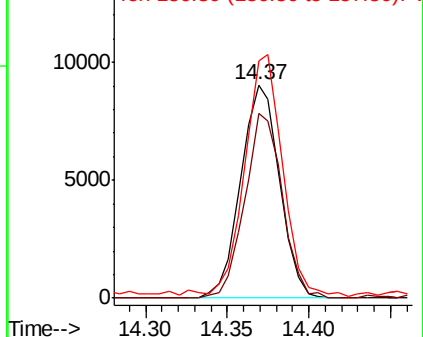
157 111.2 53.4 160.3

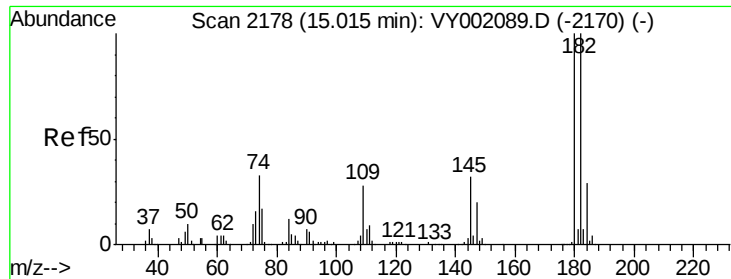


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

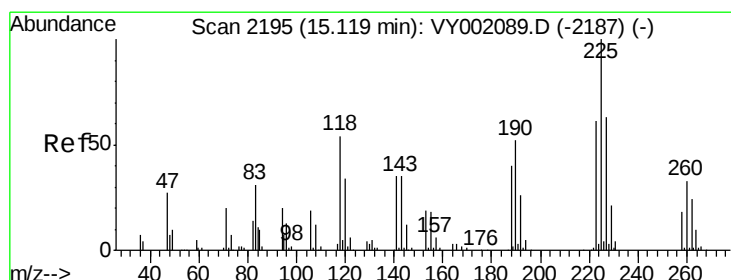
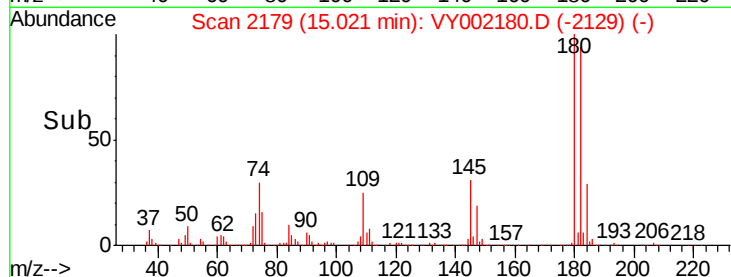
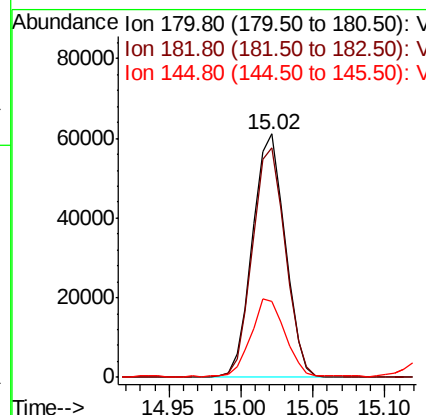
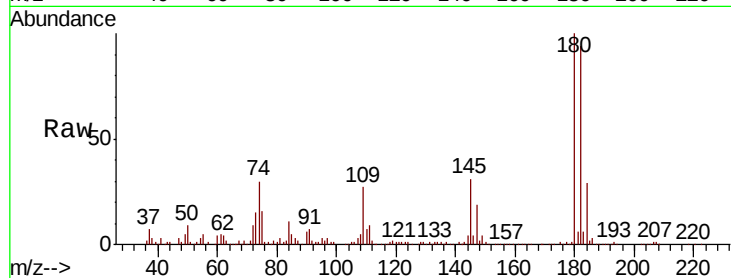




#93
 1,2,4-Trichlorobenzene
 Concen: 47.283 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

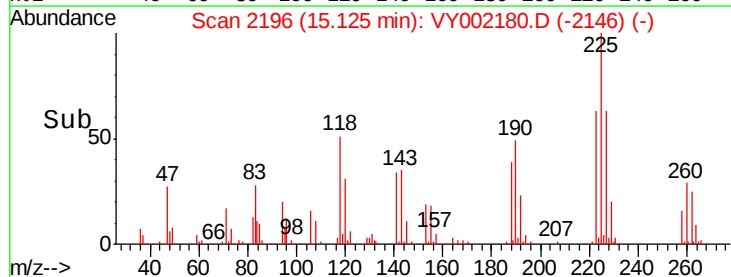
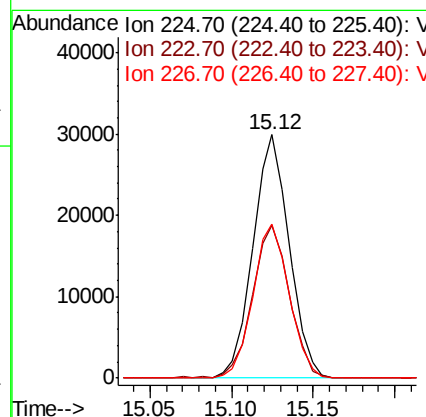
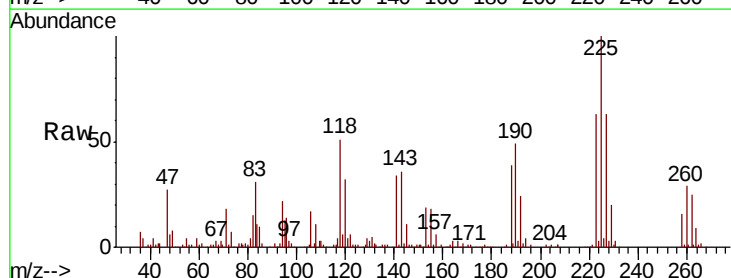
Instrument :
 MSVOA_Y
 ClientSampleId :

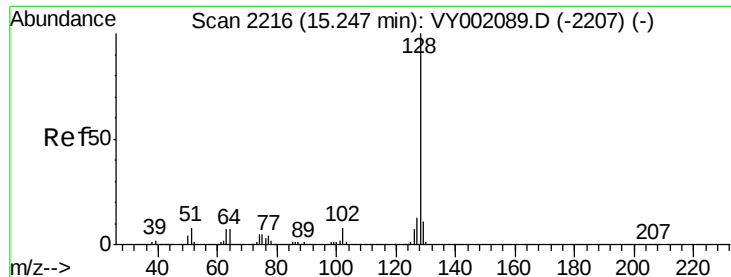
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	33.0	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 46.213 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.3
227	63.4	31.6	94.7

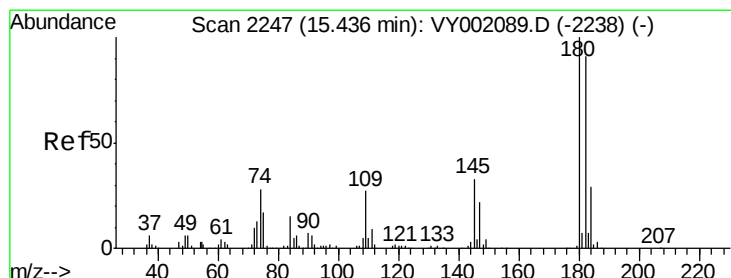
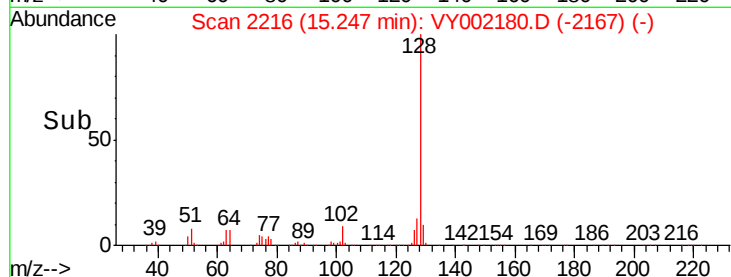
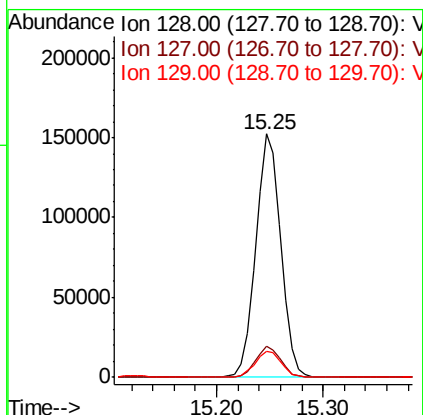
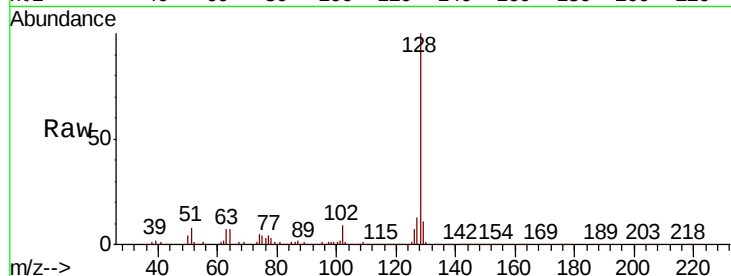




#95
Naphthalene
Concen: 51.819 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.8	14.8
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.425 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	34.0	16.7	50.1

