

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003389.D
 Acq On : 31 Jul 2020 15:09
 Operator : SY/MD
 Sample : VY0731SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 01 01:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	531432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	780266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	718925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	383587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	251407	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.72	113	235219	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.18	98	924175	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	316358	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	88862	20.421	ug/l	99
3) Chloromethane	2.12	50	115406	19.364	ug/l	98
4) Vinyl Chloride	2.26	62	119571	19.986	ug/l	99
5) Bromomethane	2.64	94	92736	20.983	ug/l	100
6) Chloroethane	2.79	64	74387	19.821	ug/l	99
7) Trichlorofluoromethane	3.13	101	161704	20.016	ug/l	96
8) Diethyl Ether	3.53	74	56801	20.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	98857	20.486	ug/l	99
10) Methyl Iodide	4.10	142	110095	19.653	ug/l	98
11) Tert butyl alcohol	4.97	59	54988	106.391	ug/l	100
12) 1,1-Dichloroethene	3.88	96	92283	19.714	ug/l	94
13) Acrolein	3.74	56	53679	100.936	ug/l	98
14) Allyl chloride	4.48	41	154333	19.684	ug/l	98
15) Acrylonitrile	5.18	53	143221	102.611	ug/l	98
16) Acetone	3.95	43	117434	94.063	ug/l	96
17) Carbon Disulfide	4.19	76	309369	20.272	ug/l	99
18) Methyl Acetate	4.48	43	66093	20.066	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	262790	20.307	ug/l	100
20) Methylene Chloride	4.72	84	149668	18.251	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	106112	20.051	ug/l	97
22) Diisopropyl ether	6.12	45	333952	20.273	ug/l	97
23) Vinyl Acetate	6.07	43	1082000	100.263	ug/l	98
24) 1,1-Dichloroethane	6.03	63	186934	20.250	ug/l	99
25) 2-Butanone	6.99	43	187687	98.650	ug/l	99
26) 2,2-Dichloropropane	6.99	77	166212	20.179	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	116499	20.034	ug/l	100
28) Bromochloromethane	7.34	49	76235	21.230	ug/l	97
29) Tetrahydrofuran	7.35	42	124701	100.459	ug/l	99
30) Chloroform	7.52	83	186161	20.332	ug/l	97
31) Cyclohexane	7.79	56	177142	19.777	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	167632	20.066	ug/l	99
36) 1,1-Dichloropropene	7.93	75	148738	20.144	ug/l	99
37) Ethyl Acetate	7.08	43	83296	19.839	ug/l	99
38) Carbon Tetrachloride	7.90	117	154985	20.399	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	179944	19.973	ug/l	99
40) Benzene	8.16	78	415523	20.282	ug/l	99
41) Methacrylonitrile	7.35	41	115002	47.780	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	125522	20.117	ug/l	100
43) Isopropyl Acetate	8.28	43	157054	19.819	ug/l	98
44) Trichloroethene	8.94	130	119882	20.346	ug/l	97
45) 1,2-Dichloropropane	9.22	63	107590	20.054	ug/l	98
46) Dibromomethane	9.31	93	60289	20.029	ug/l	99
47) Bromodichloromethane	9.50	83	149081	20.553	ug/l	100
48) Methyl methacrylate	9.29	41	69514	19.434	ug/l	95
49) 1,4-Dioxane	9.30	88	16014	411.049	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	414269	99.756	ug/l	100
52) Toluene	10.24	92	261053	20.317	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	154081	20.014	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	175390	20.103	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	87119	20.634	ug/l	97
56) Ethyl methacrylate	10.51	69	119074	20.371	ug/l	99
57) 1,3-Dichloropropane	10.79	76	148292	20.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	288090	106.408	ug/l	100
59) 2-Hexanone	10.83	43	289798	100.132	ug/l	99
60) Dibromochloromethane	10.98	129	106877	20.157	ug/l	98
61) 1,2-Dibromoethane	11.09	107	83944	20.522	ug/l	99
64) Tetrachloroethene	10.72	164	118415	19.702	ug/l	98
65) Chlorobenzene	11.52	112	286164	20.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	110077	20.060	ug/l	99
67) Ethyl Benzene	11.59	91	513368	20.181	ug/l	99
68) m/p-Xylenes	11.70	106	388937	40.557	ug/l	98
69) o-Xylene	12.03	106	182395	20.317	ug/l	99
70) Styrene	12.04	104	309503	20.149	ug/l	99
71) Bromoform	12.20	173	71628	20.087	ug/l #	100
73) Isopropylbenzene	12.33	105	495080	19.970	ug/l	99
74) N-amyl acetate	12.14	43	144262	19.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	100229	20.411	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	135223	39.241	ug/l #	100
77) Bromobenzene	12.61	156	125956	19.996	ug/l	98
78) n-propylbenzene	12.67	91	601291	20.265	ug/l	99
79) 2-Chlorotoluene	12.75	91	330174	20.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	422118	20.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36779	20.185	ug/l	99
82) 4-Chlorotoluene	12.85	91	350032	20.461	ug/l	98
83) tert-Butylbenzene	13.07	119	363720	20.128	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	424800	20.305	ug/l	99
85) sec-Butylbenzene	13.25	105	507026	20.171	ug/l	99
86) p-Isopropyltoluene	13.37	119	476457	20.266	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	242525	20.156	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	240815	20.299	ug/l	98
89) n-Butylbenzene	13.69	91	460567	20.730	ug/l	99
90) Hexachloroethane	13.96	117	91487	20.314	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	215799	20.318	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17687	22.356	ug/l	92

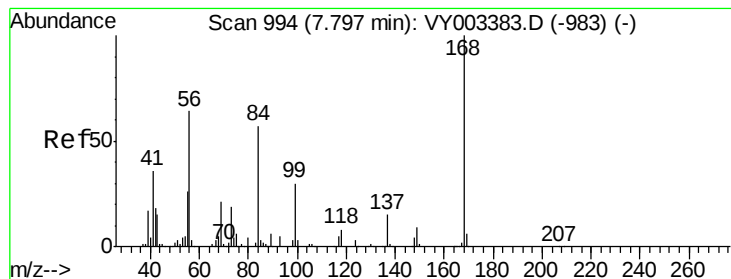
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	159231	21.155	ug/l	99
94) Hexachlorobutadiene	15.11	225	103346	20.733	ug/l	99
95) Naphthalene	15.23	128	266592	20.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	128700	21.135	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

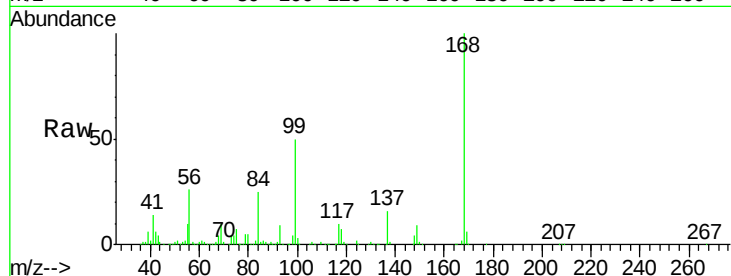
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 531432

Ion Ratio Lower Upper

168 100

99 49.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003389.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003389.D (-983) (-)

7.80

250000

200000

150000

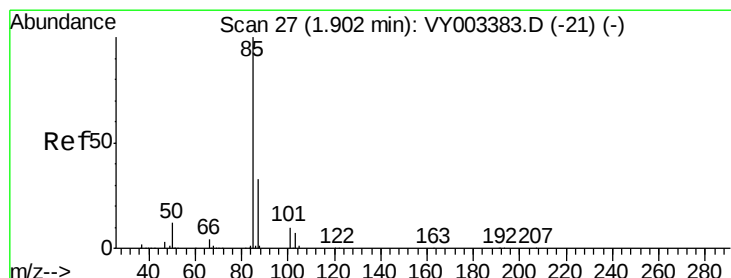
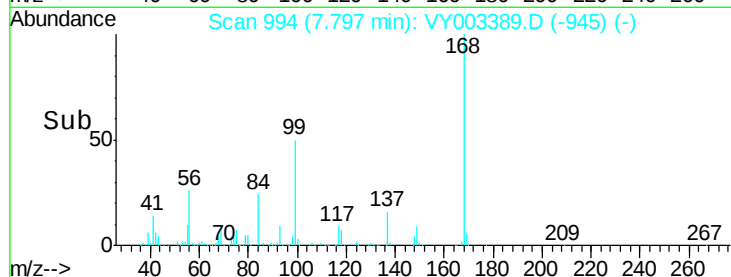
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.421 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003389.D

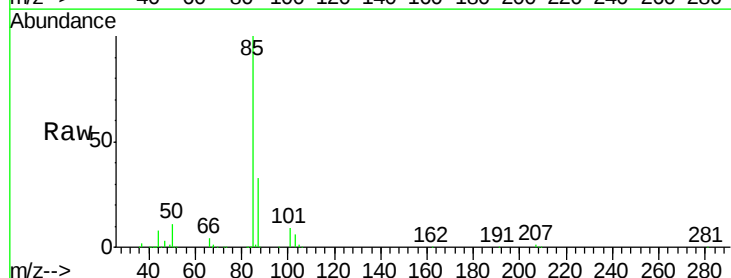
Acq: 31 Jul 2020 15:09

Tgt Ion: 85 Resp: 88862

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003389.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003389.D (-21) (-)

1.90

60000

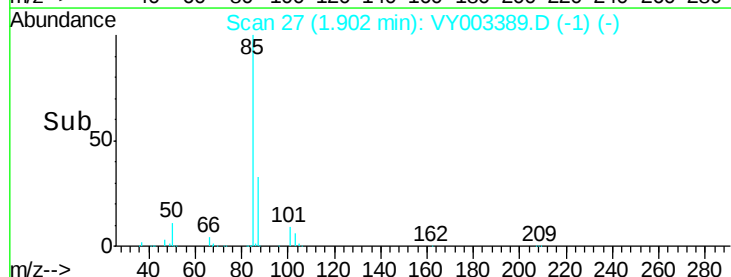
40000

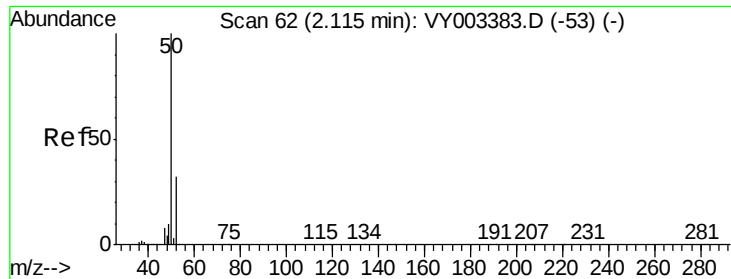
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.364 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

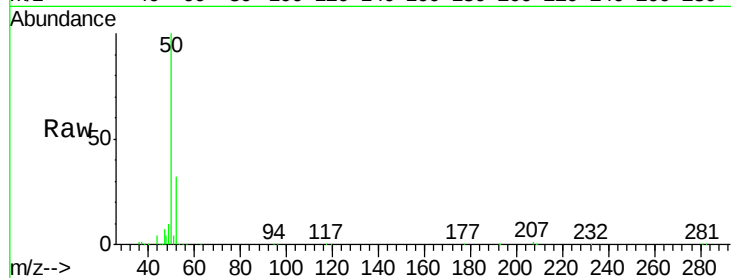
ClientSampleId :

Tot Ion: 50 Resp: 115406

Ion Ratio Lower Upper

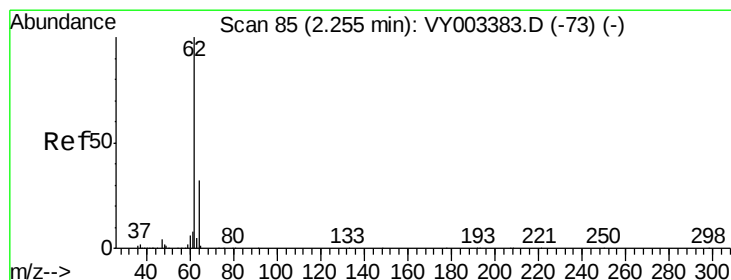
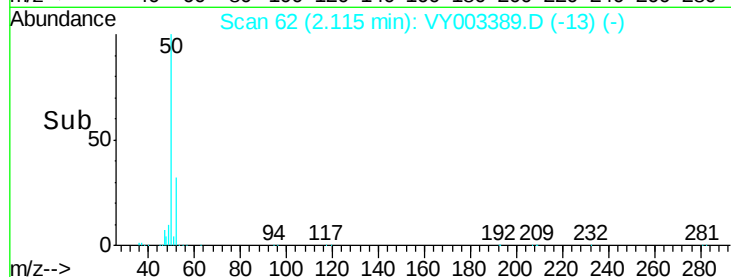
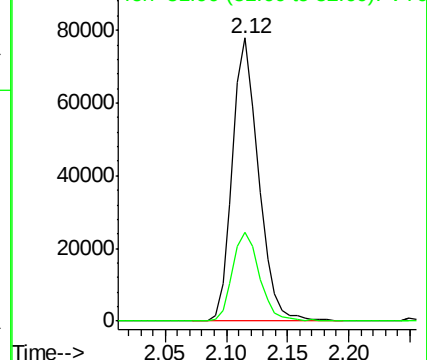
50 100

52 31.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.986 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003389.D

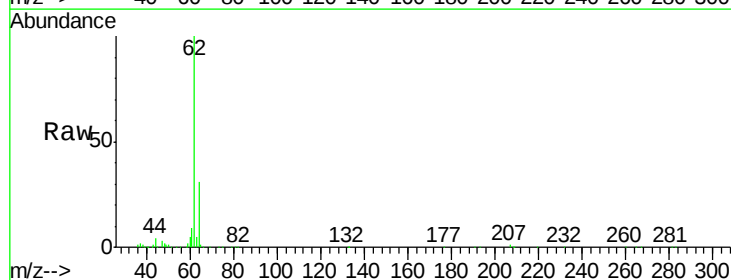
Acq: 31 Jul 2020 15:09

Tgt Ion: 62 Resp: 119571

Ion Ratio Lower Upper

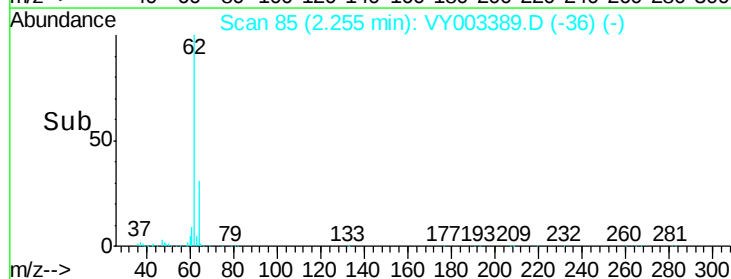
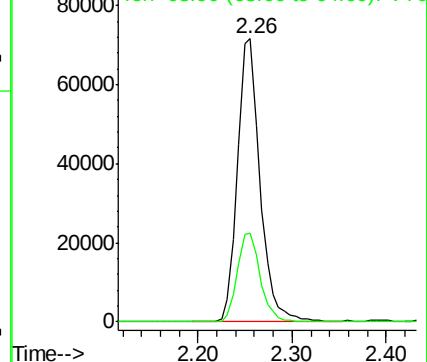
62 100

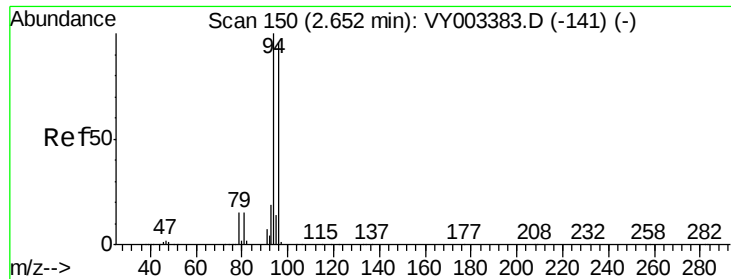
64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.983 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

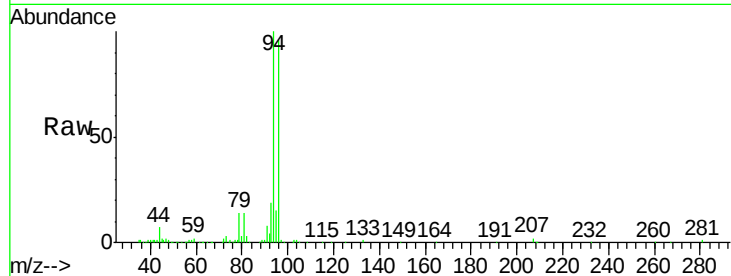
ClientSampleId :

Tot Ion: 94 Resp: 92736

Ion Ratio Lower Upper

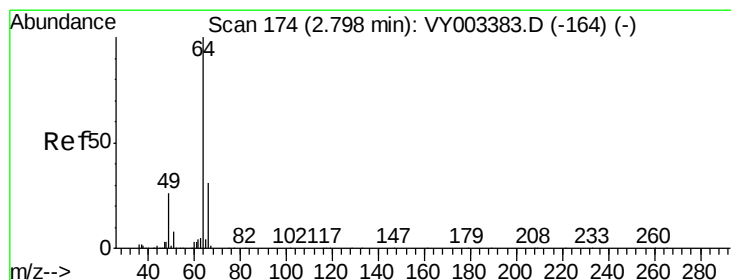
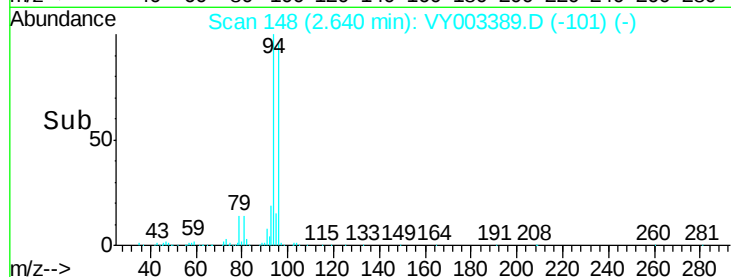
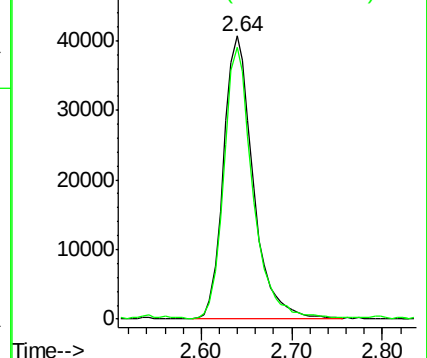
94 100

96 95.6 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.821 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003389.D

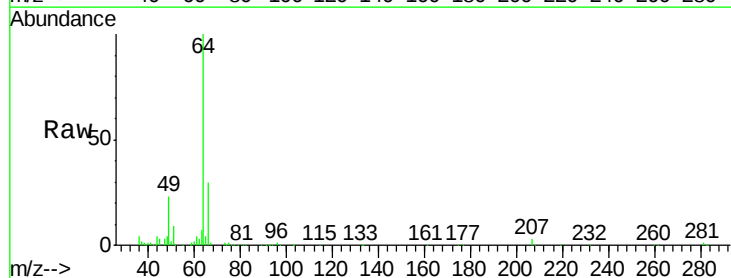
Acq: 31 Jul 2020 15:09

Tgt Ion: 64 Resp: 74387

Ion Ratio Lower Upper

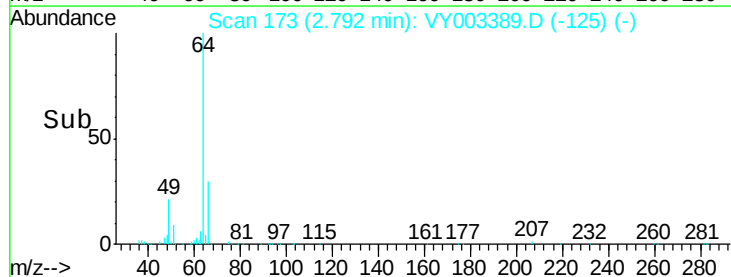
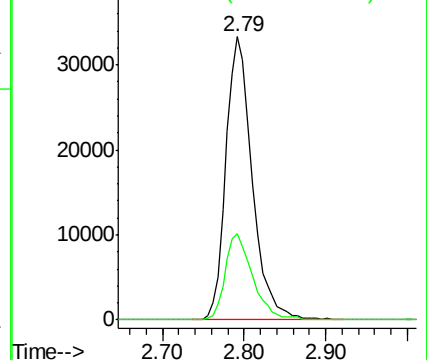
64 100

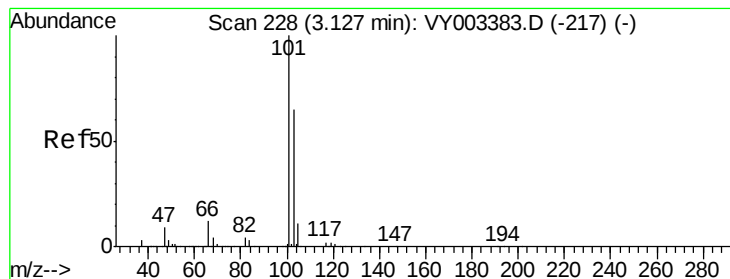
66 30.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



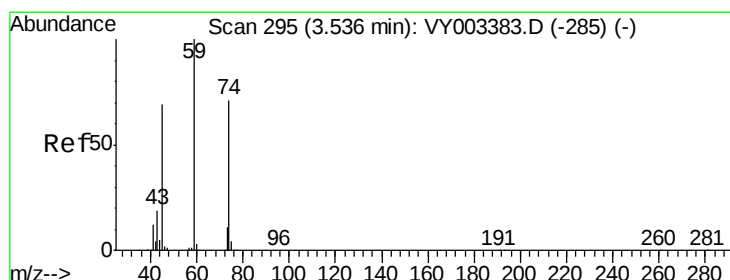
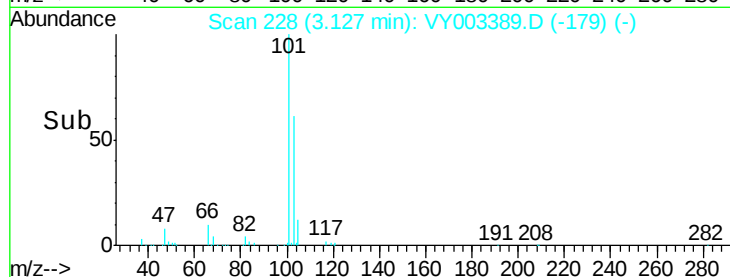
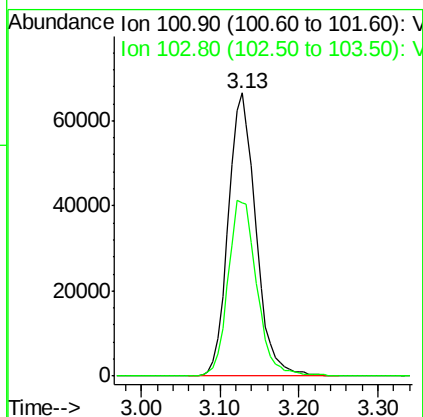
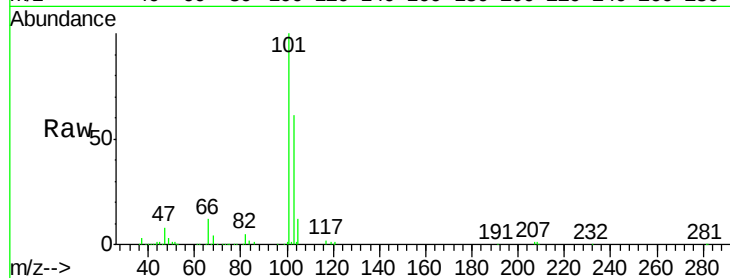


#7

Trichlorofluoromethane
Concen: 20.016 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :

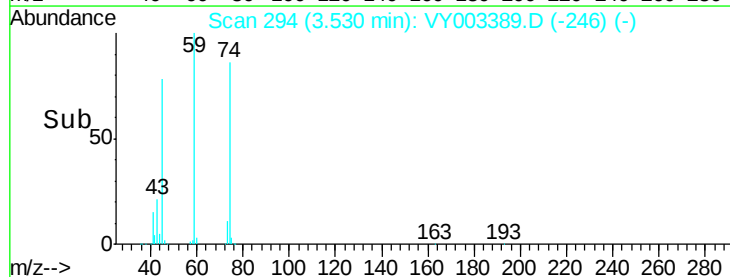
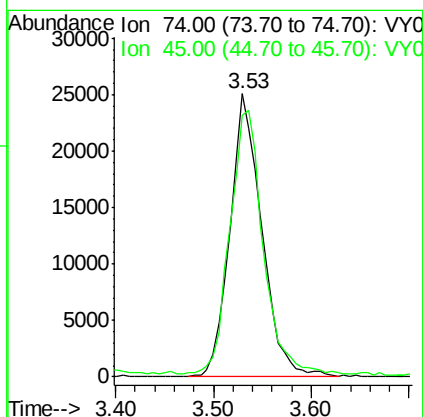
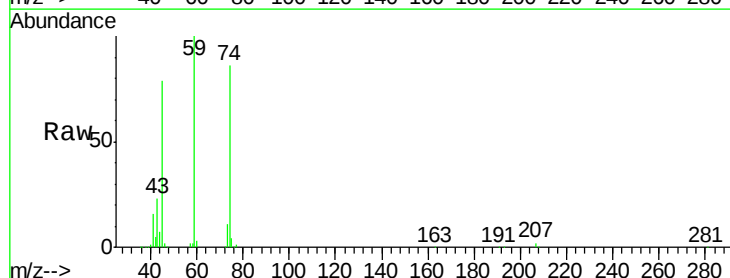
Tot Ion:101 Resp: 161704
Ion Ratio Lower Upper
101 100
103 61.2 51.8 77.6

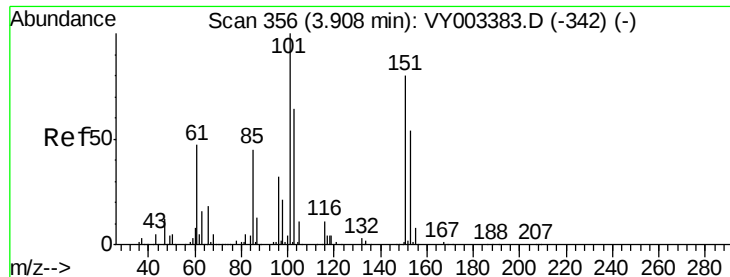


#8

Diethyl Ether
Concen: 20.191 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 74 Resp: 56801
Ion Ratio Lower Upper
74 100
45 97.3 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.486 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

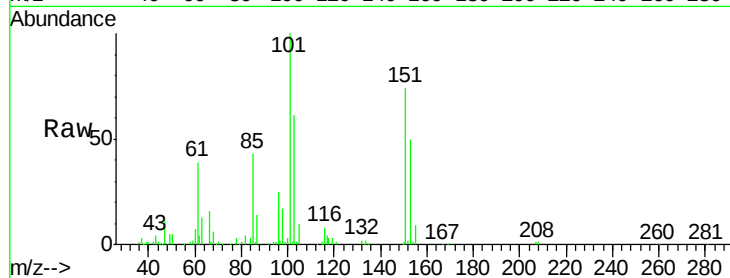
Tot Ion:101 Resp: 98857

Ion Ratio Lower Upper

101 100

85 43.3 35.7 53.5

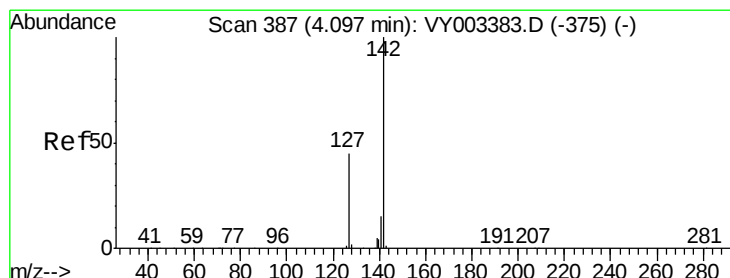
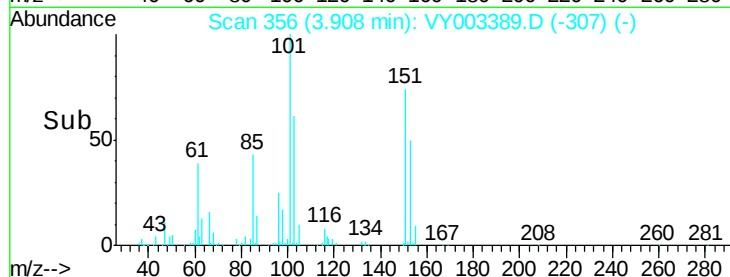
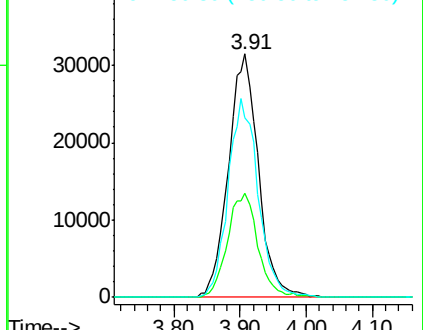
151 81.8 65.7 98.5



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: 19.653 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

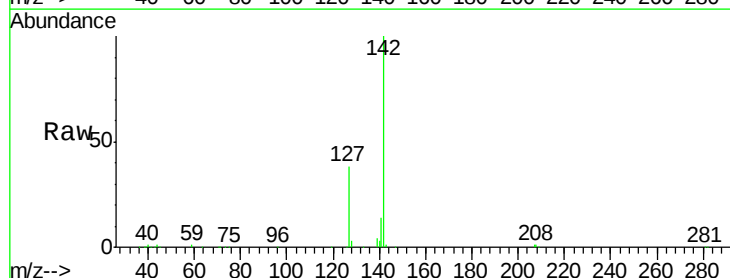
Tgt Ion:142 Resp: 110095

Ion Ratio Lower Upper

142 100

127 41.8 34.6 52.0

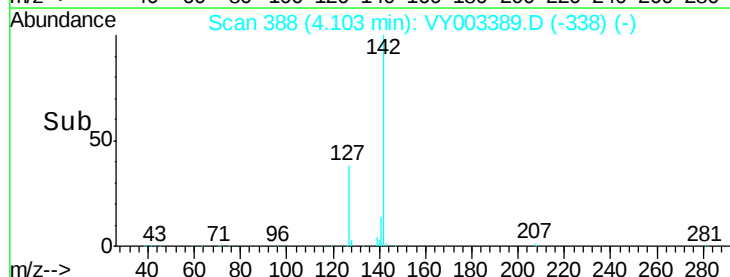
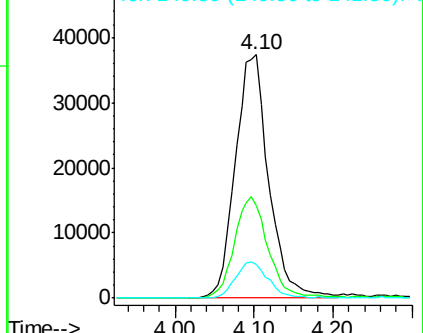
141 14.6 11.4 17.0

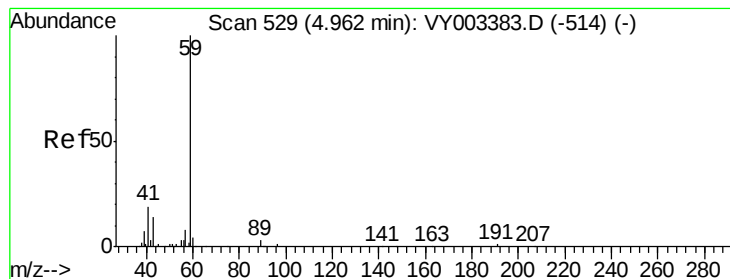


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



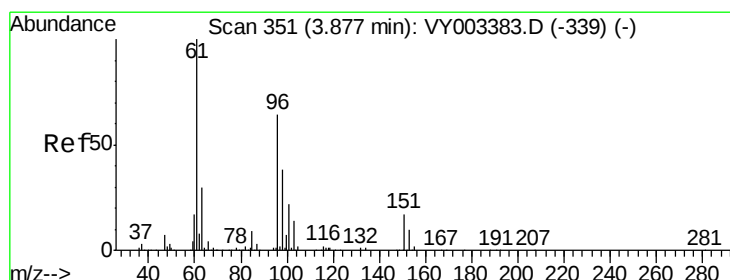
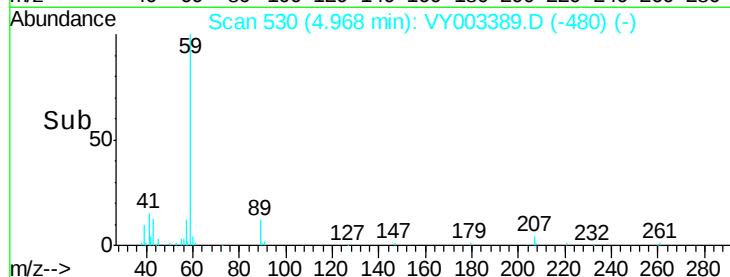
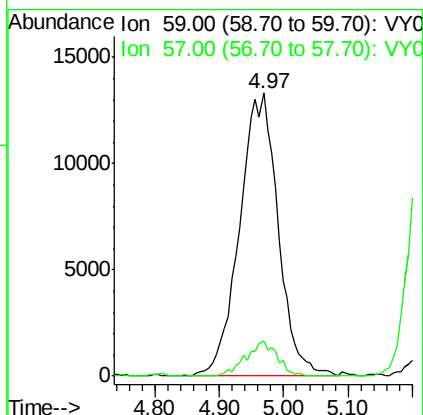
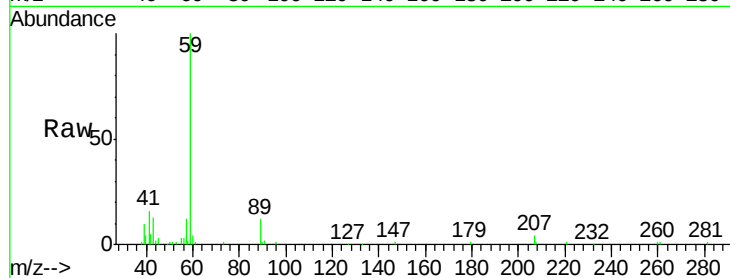


#11

Tert butyl alcohol
 Concen: 106.391 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampled :

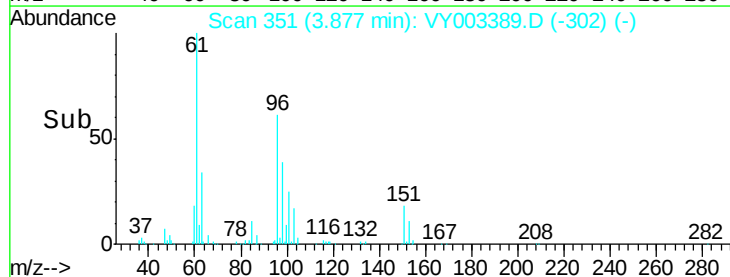
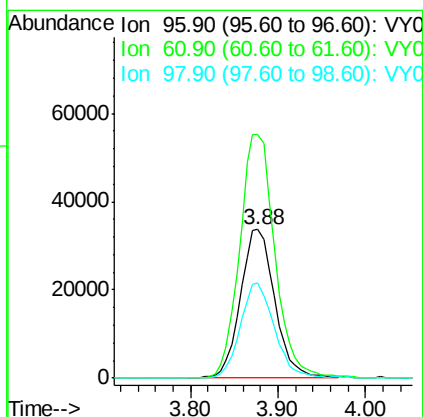
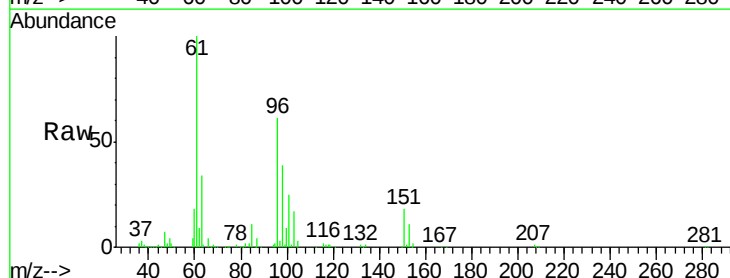
Tot Ion: 59 Resp: 54988
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.0 12.0

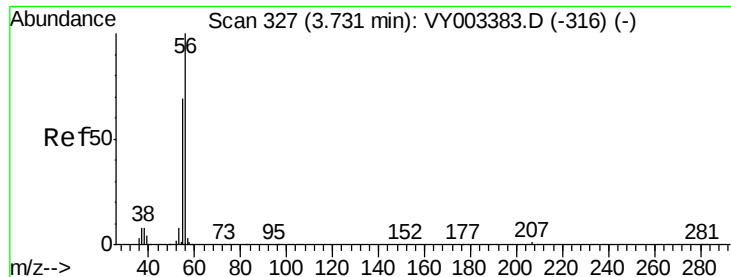


#12

1,1-Dichloroethene
 Concen: 19.714 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion: 96 Resp: 92283
 Ion Ratio Lower Upper
 96 100
 61 163.8 124.7 187.1
 98 64.3 47.4 71.2

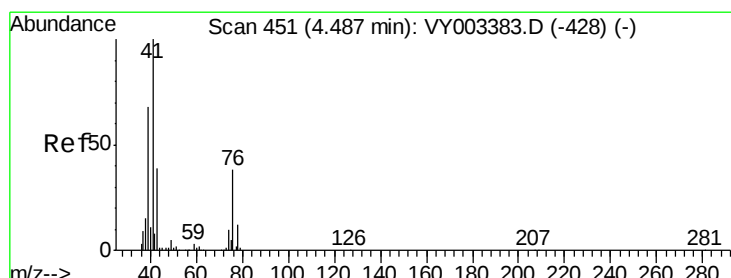
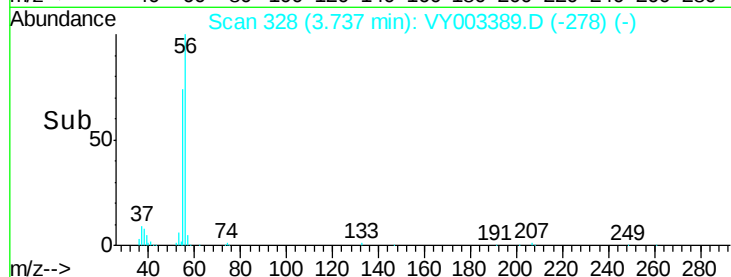
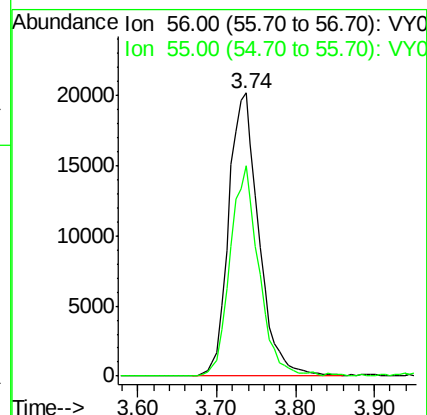
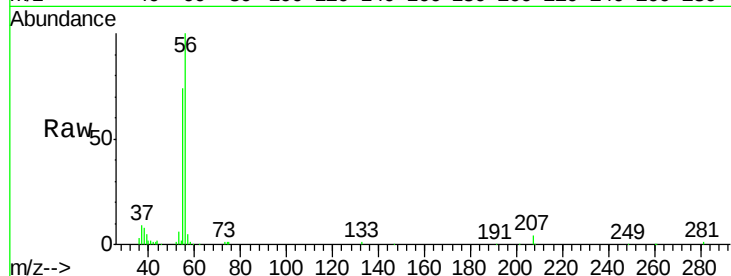




#13
Acrolein
Concen: 100.936 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

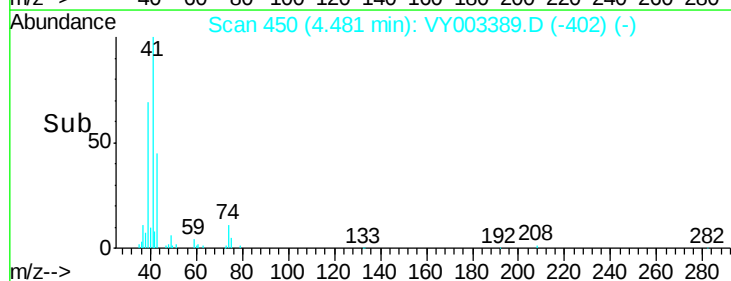
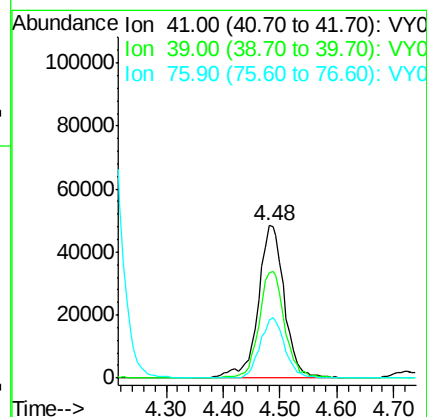
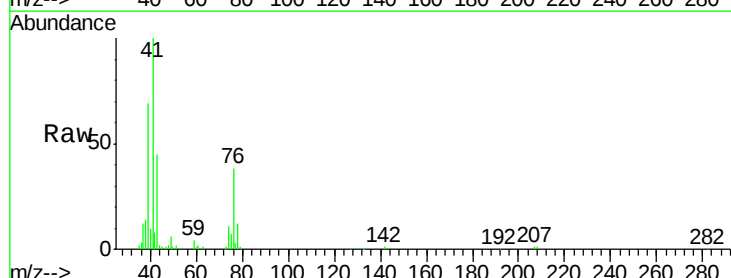
Instrument :
MSVOA_Y
ClientSampleId :

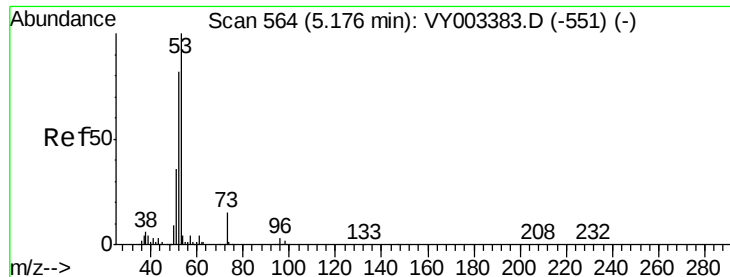
Tot Ion: 56 Resp: 53679
Ion Ratio Lower Upper
56 100
55 70.8 55.5 83.3



#14
Allyl chloride
Concen: 19.684 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 41 Resp: 154333
Ion Ratio Lower Upper
41 100
39 68.3 52.7 79.1
76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 102.611 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampled :

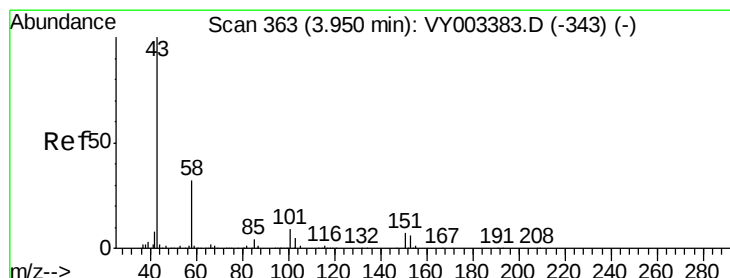
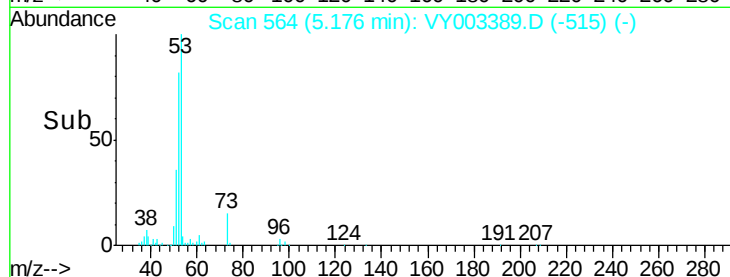
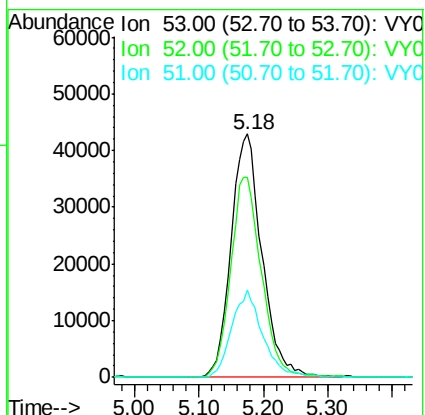
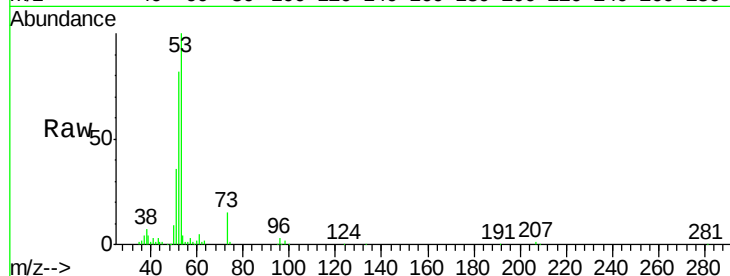
Tot Ion: 53 Resp: 143221

Ion Ratio Lower Upper

53 100

52 81.9 67.0 100.6

51 36.2 29.3 43.9



#16

Acetone

Concen: 94.063 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003389.D

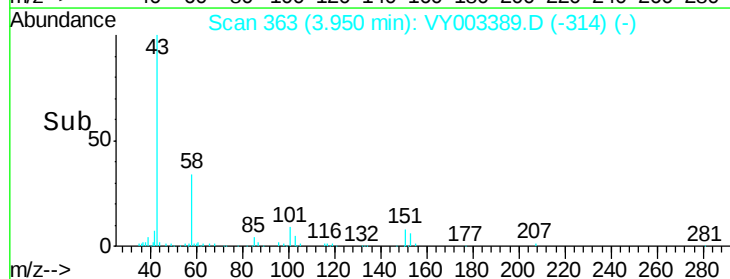
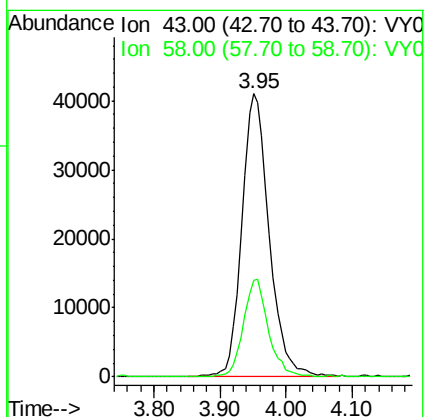
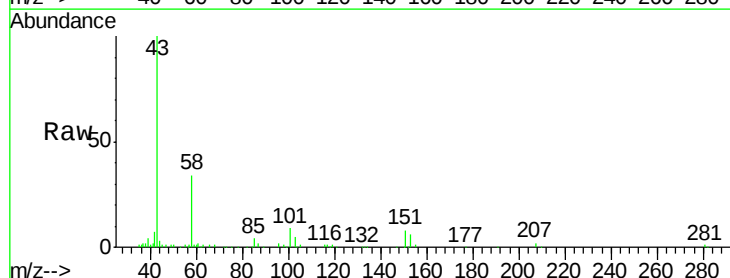
Acq: 31 Jul 2020 15:09

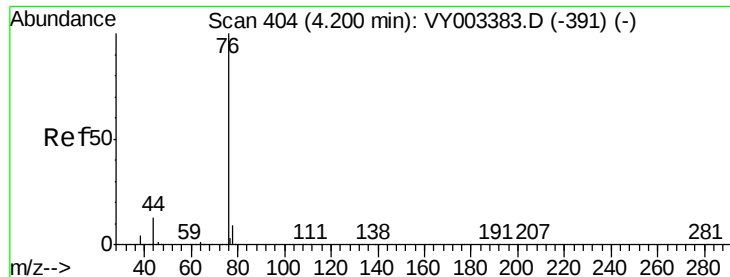
Tgt Ion: 43 Resp: 117434

Ion Ratio Lower Upper

43 100

58 34.1 25.4 38.2

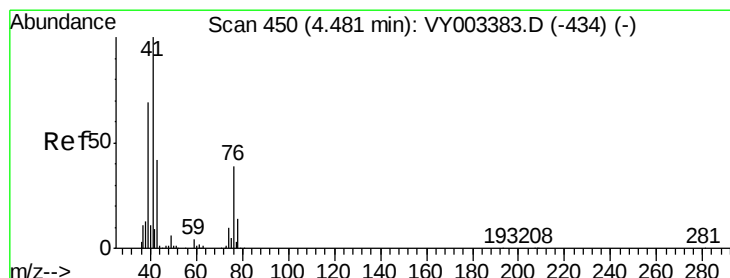
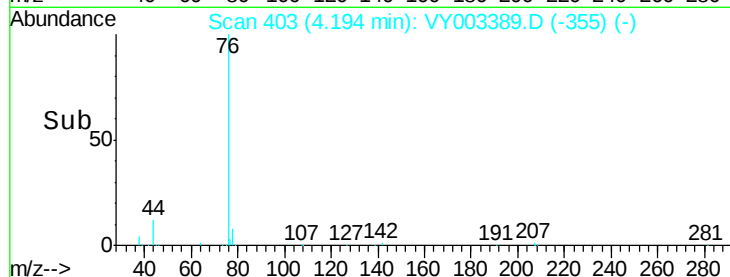
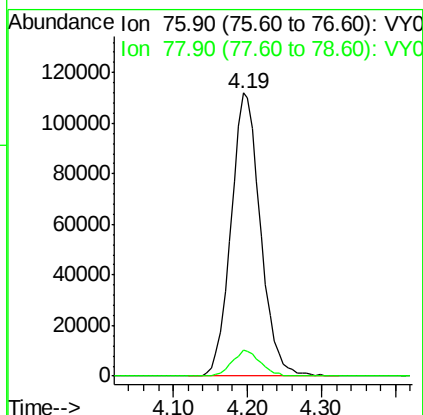
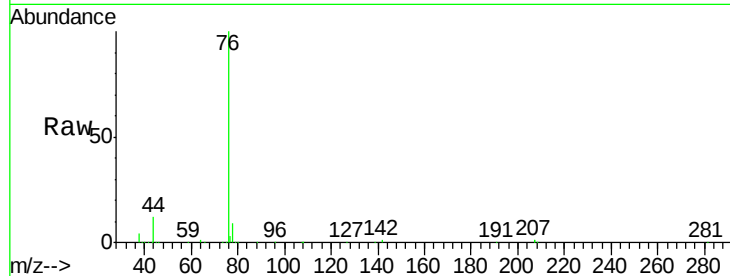




#17
Carbon Disulfide
Concen: 20.272 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

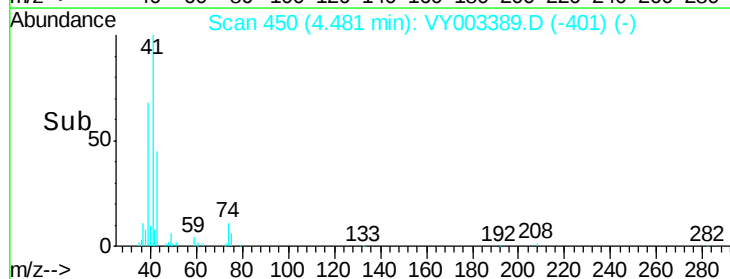
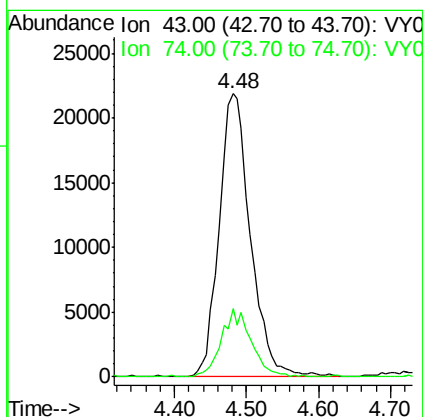
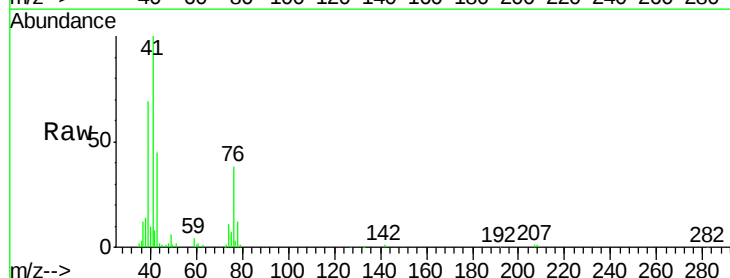
Instrument :
MSVOA_Y
ClientSampleId :

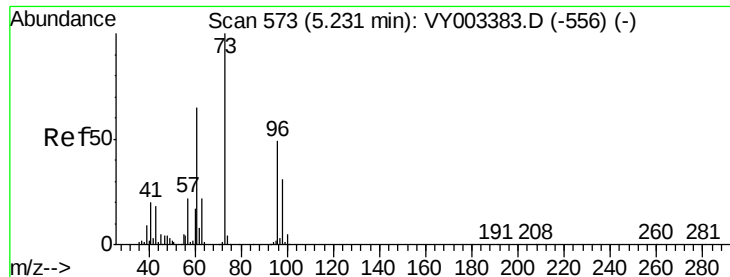
Tot Ion: 76 Resp: 309369
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 20.066 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 43 Resp: 66093
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8

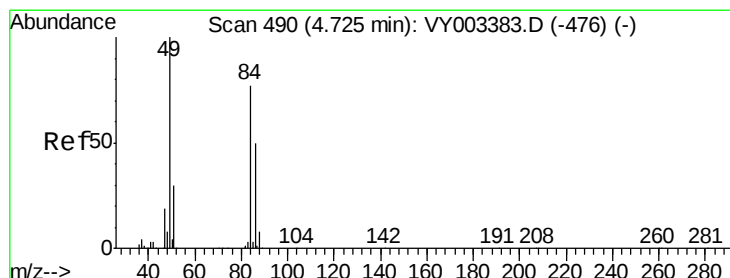
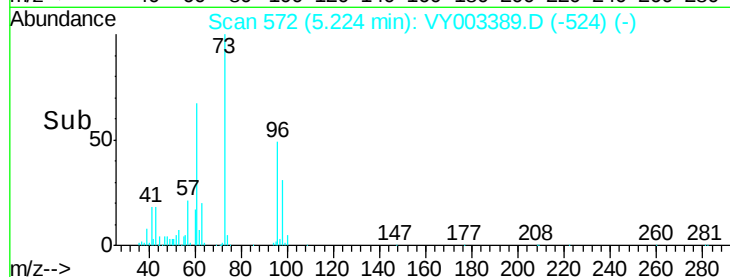
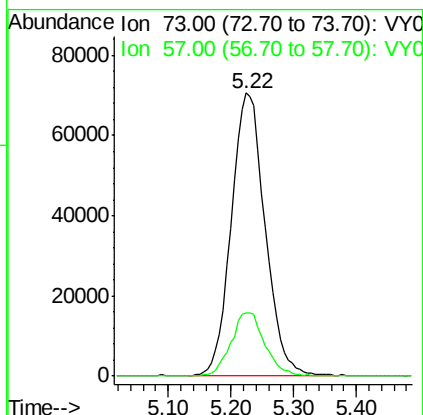
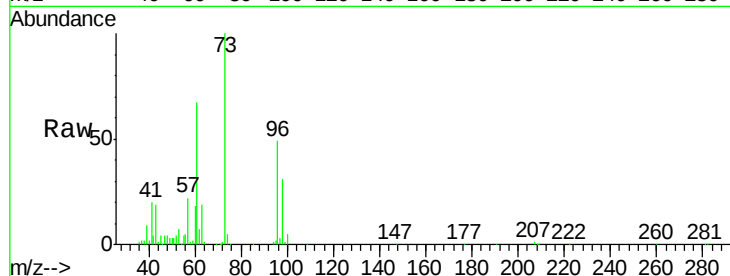




#19
Methvl tert-butvl Ether
Concen: 20.307 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

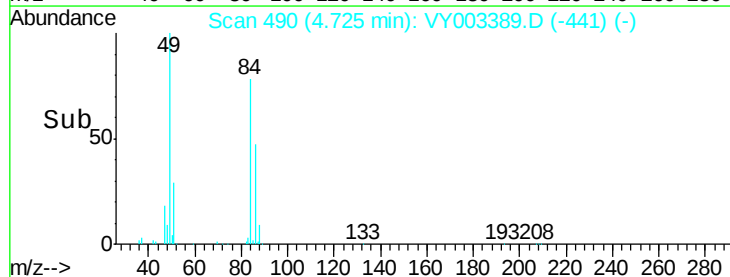
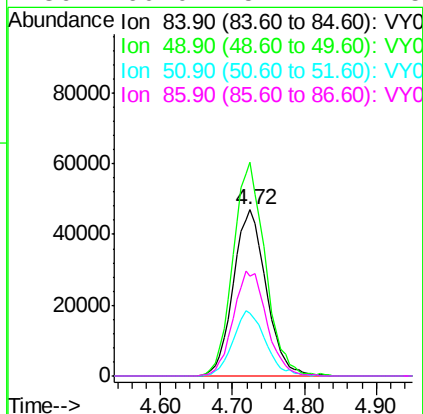
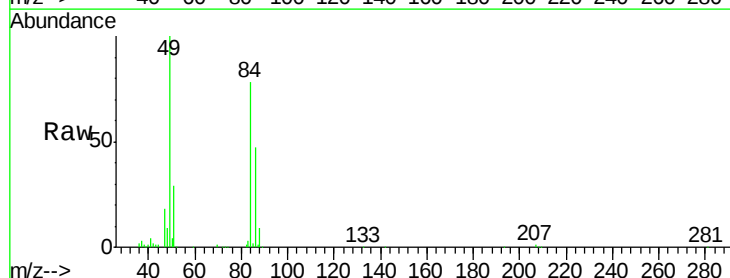
Instrument :
MSVOA_Y
ClientSampleId :

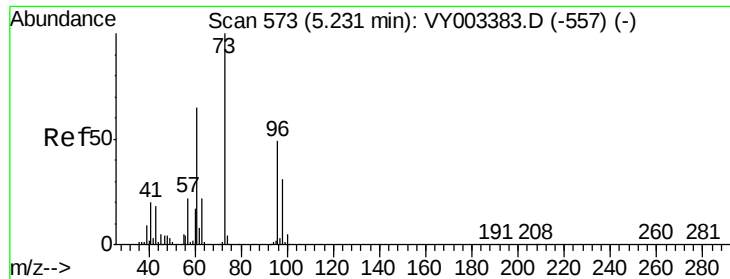
Tot Ion: 73 Resp: 262790
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: 18.251 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 84 Resp: 149668
Ion Ratio Lower Upper
84 100
49 128.4 104.2 156.4
51 37.8 31.5 47.3
86 60.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.051 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :

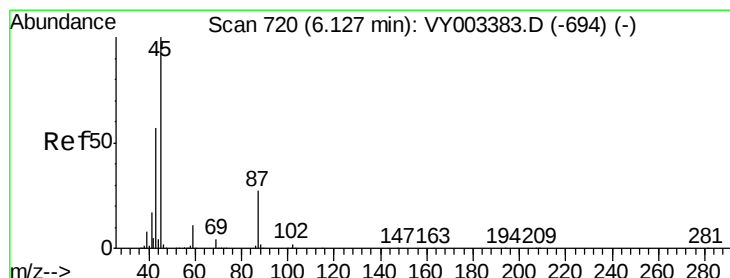
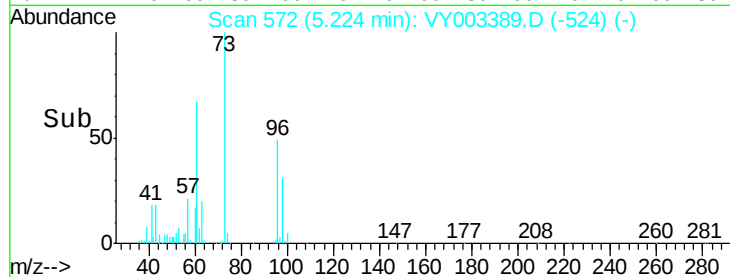
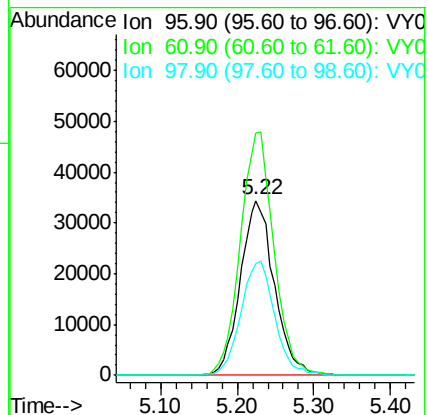
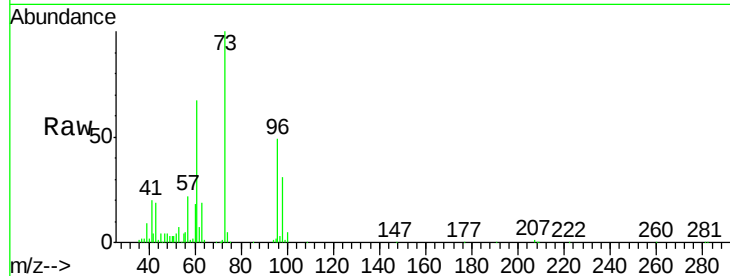
Tot Ion: 96 Resp: 106112

Ion Ratio Lower Upper

96 100

61 138.7 106.3 159.5

98 63.7 50.8 76.2



#22

Diisopropyl ether

Concen: 20.273 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Tgt Ion: 45 Resp: 333952

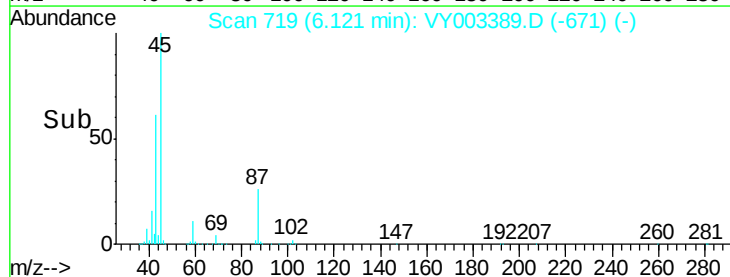
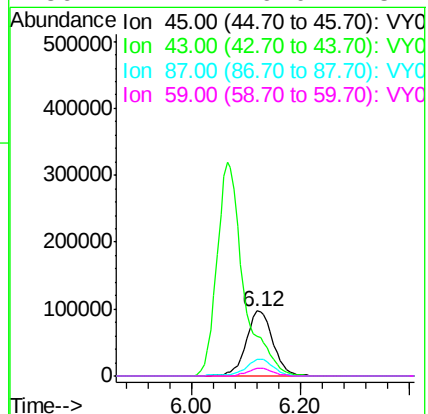
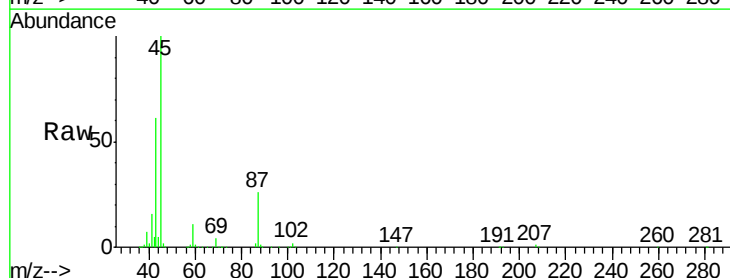
Ion Ratio Lower Upper

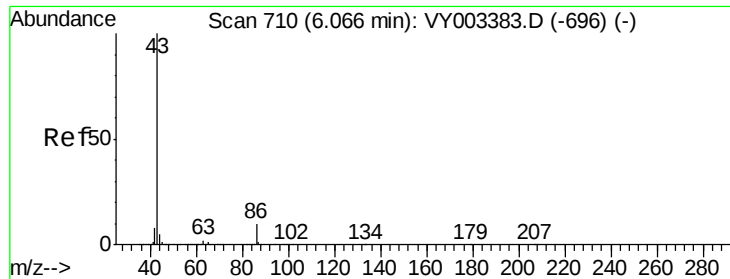
45 100

43 60.6 45.6 68.4

87 25.6 21.3 31.9

59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 100.263 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

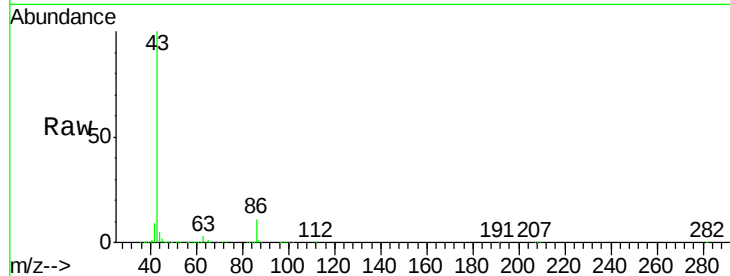
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1082000

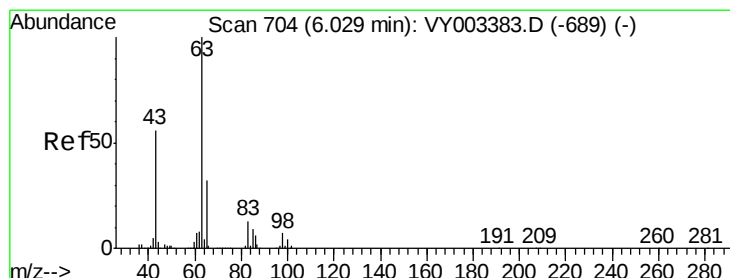
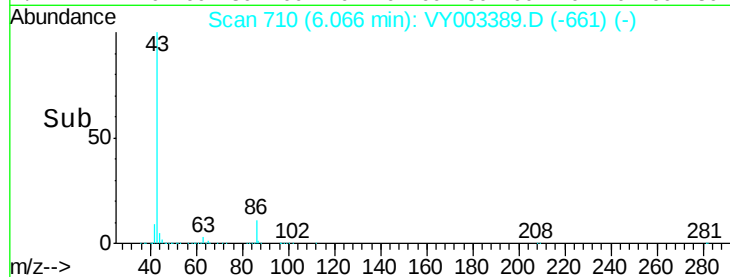
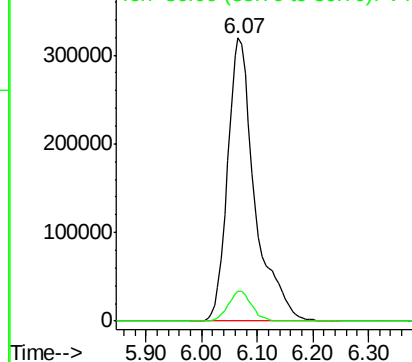
Ion Ratio Lower Upper

43 100

86 10.7 8.0 12.0



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



#24

1,1-Dichloroethane

Concen: 20.250 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

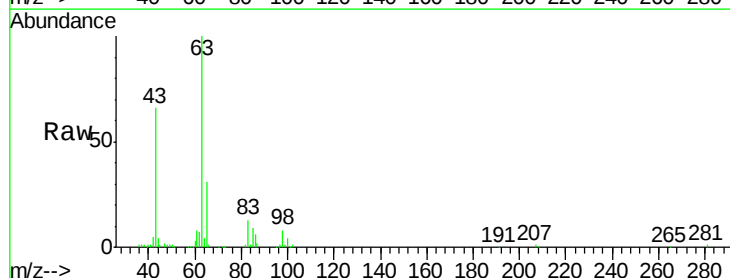
Tgt Ion: 63 Resp: 186934

Ion Ratio Lower Upper

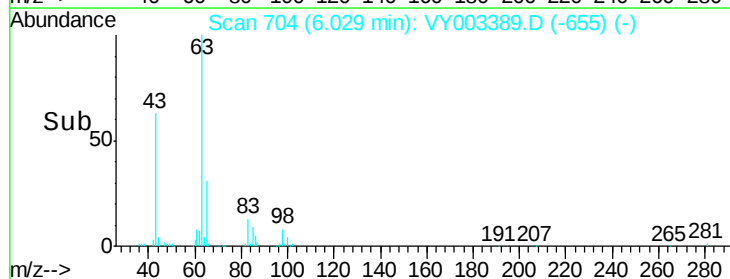
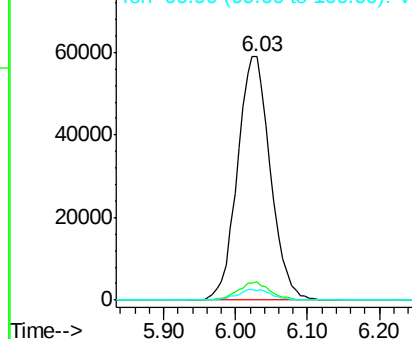
63 100

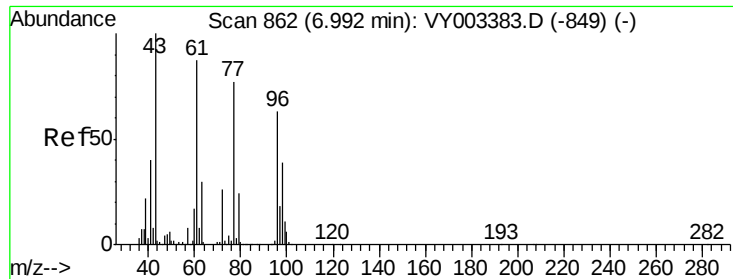
98 7.5 3.5 10.6

100 3.9 2.2 6.6



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: 98.650 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

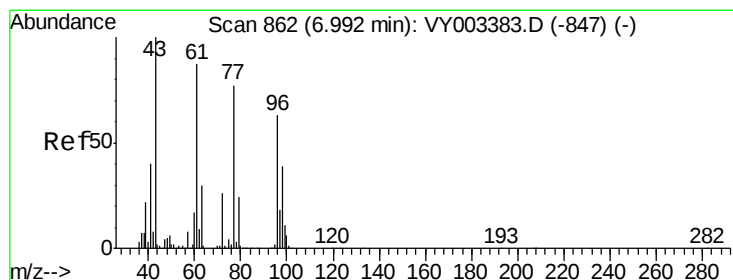
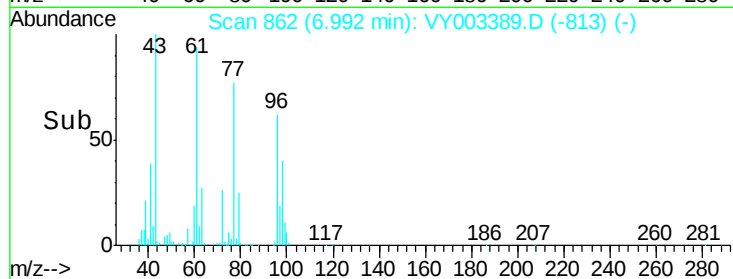
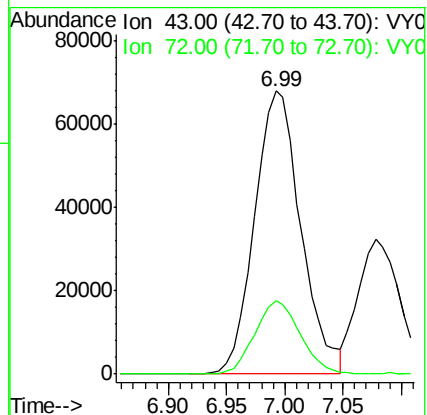
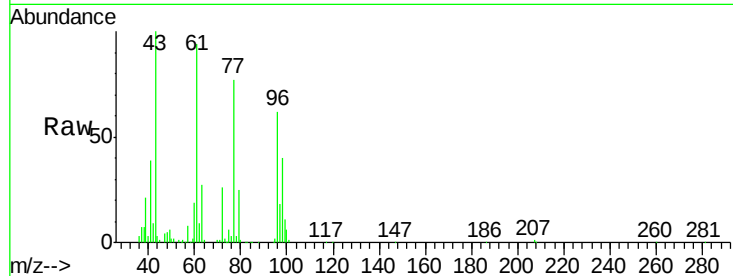
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 187687

Ion Ratio Lower Upper

43 100

72 26.1 21.1 31.7



#26

2,2-Dichloropropane

Concen: 20.179 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003389.D

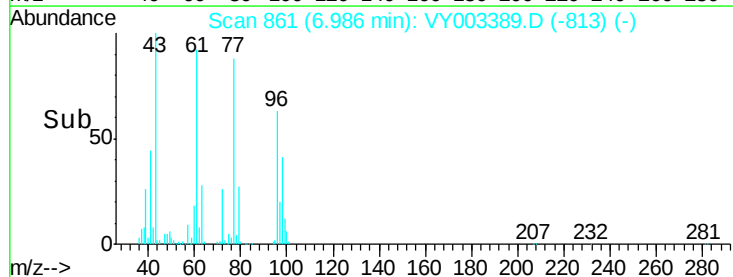
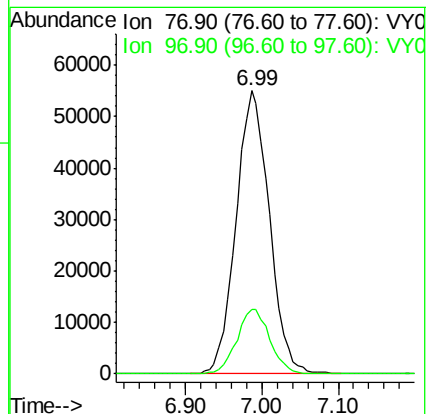
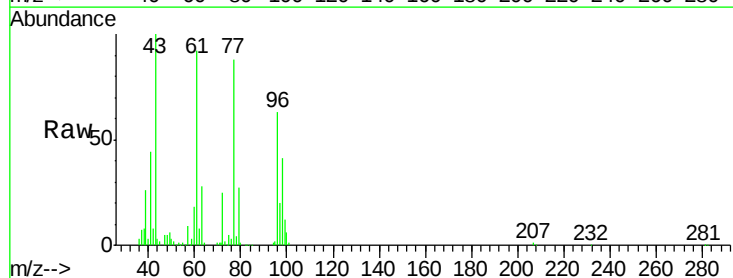
Acq: 31 Jul 2020 15:09

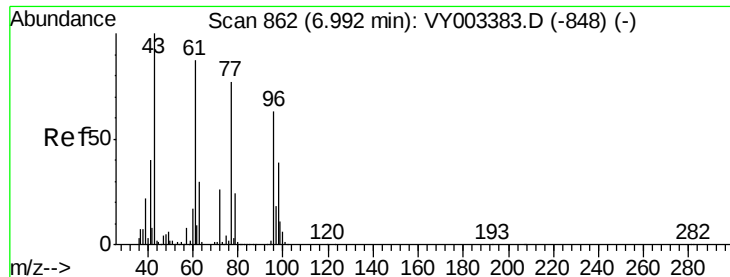
Tgt Ion: 77 Resp: 166212

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8



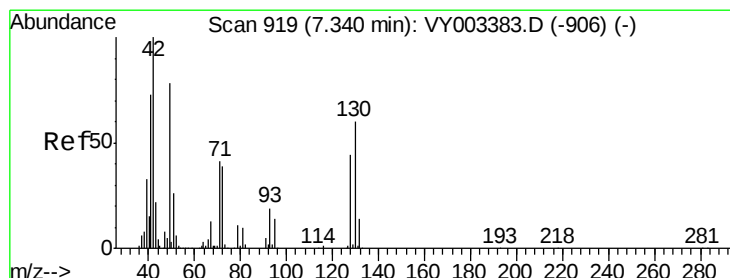
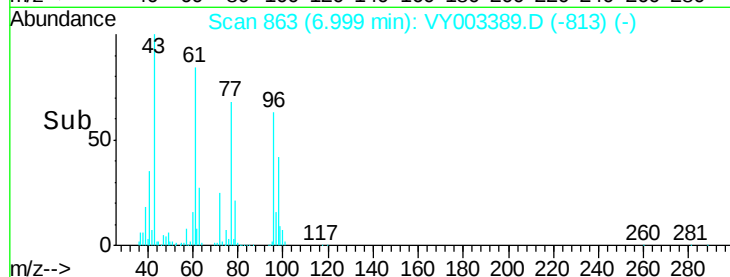
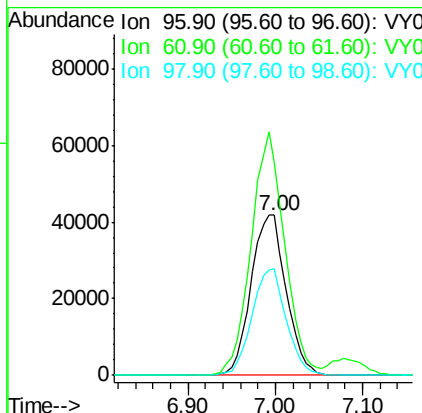
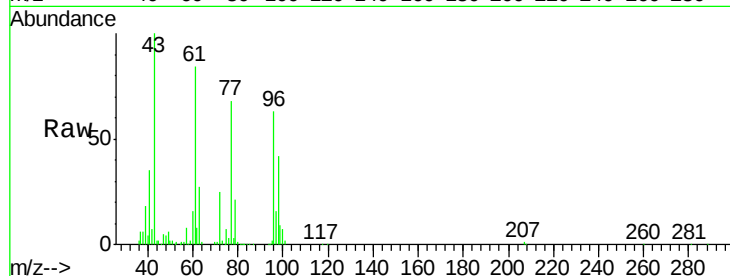


#27

cis-1,2-Dichloroethene
Concen: 20.034 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :

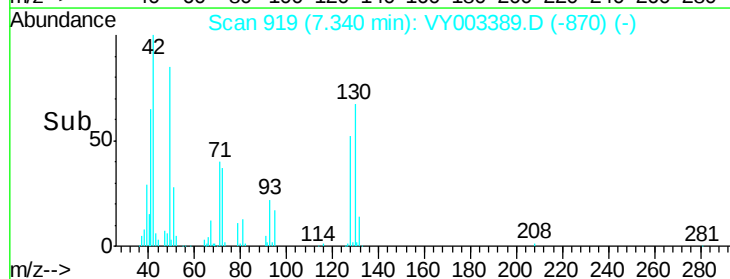
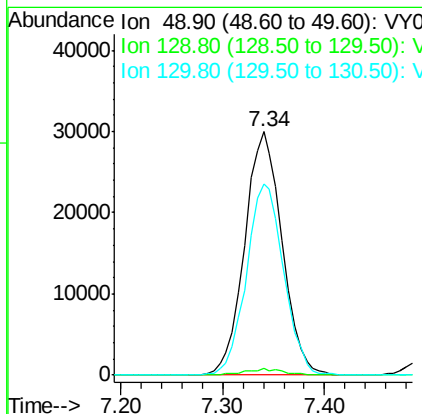
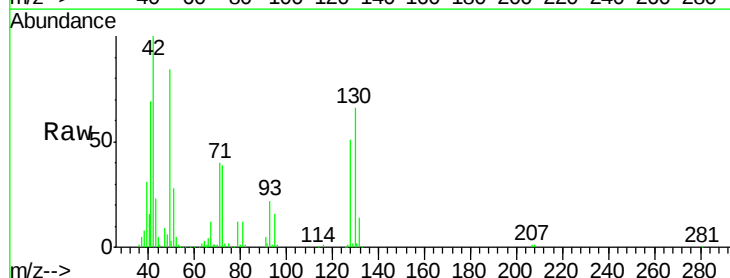
Tot Ion	96	Resp	116499
Ion Ratio	Lower	Upper	
96	100		
61	145.7	0.0	290.0
98	64.7	0.0	129.0

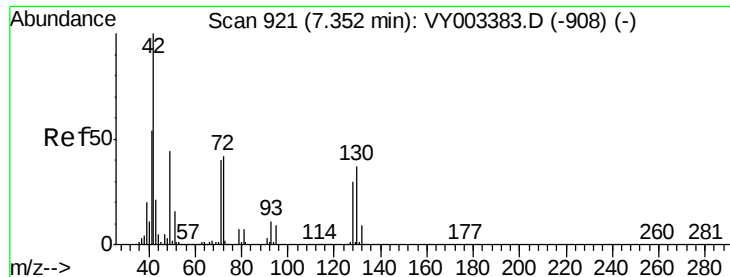


#28

Bromochloromethane
Concen: 21.230 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion	49	Resp	76235
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	4.4
130	78.3	60.3	90.5





#29

Tetrahydrofuran

Concen: 100.459 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampled :

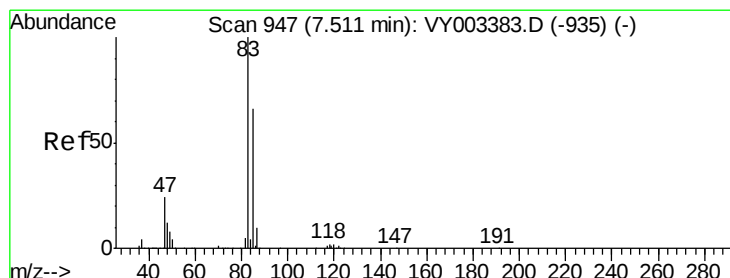
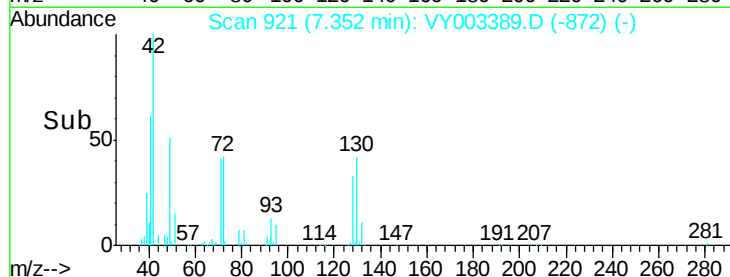
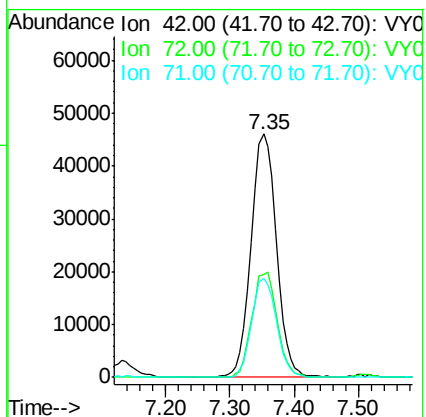
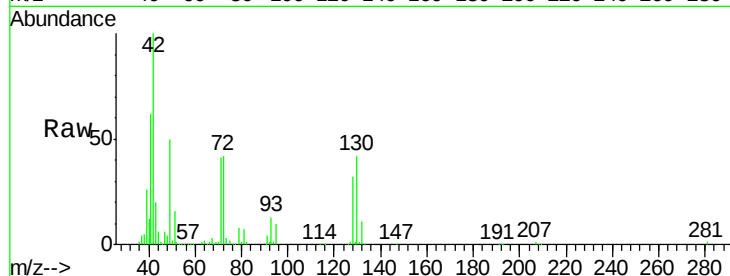
Tot Ion: 42 Resp: 124701

Ion Ratio Lower Upper

42 100

72 42.6 33.5 50.3

71 39.6 32.1 48.1



#30

Chloroform

Concen: 20.332 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.01 min

Lab File: VY003389.D

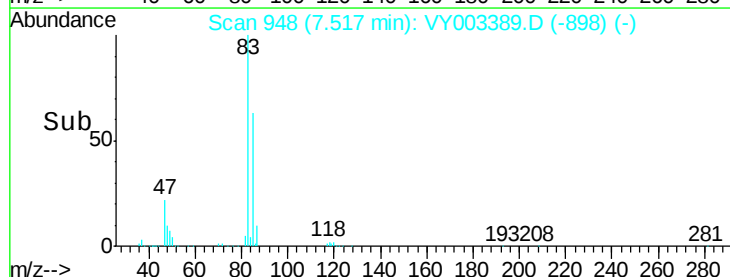
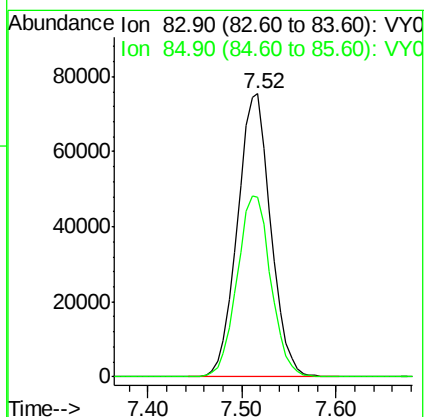
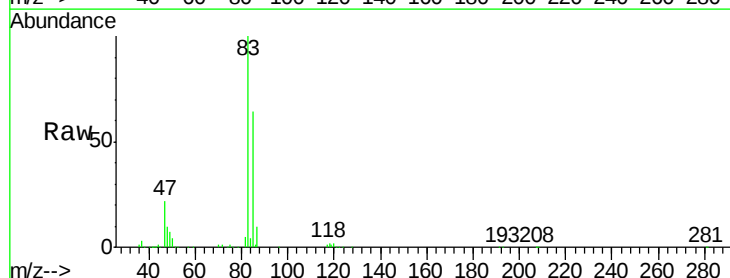
Acq: 31 Jul 2020 15:09

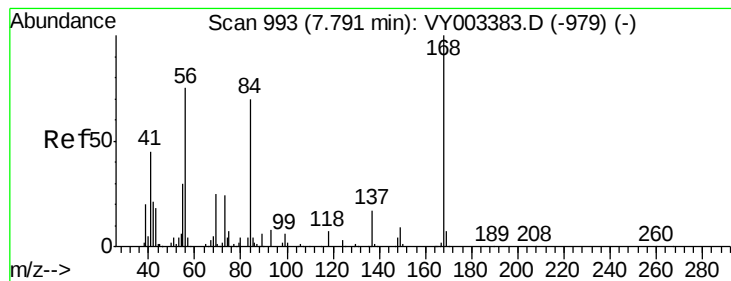
Tgt Ion: 83 Resp: 186161

Ion Ratio Lower Upper

83 100

85 63.6 52.5 78.7





#31

Cyclohexane

Concen: 19.777 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

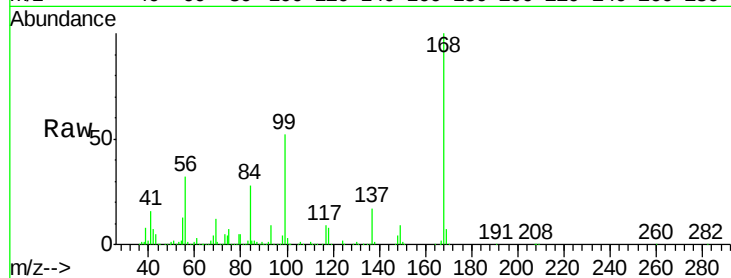
Tot Ion: 56 Resp: 177142

Ion Ratio Lower Upper

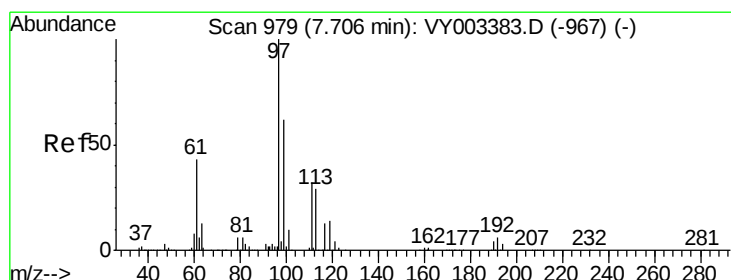
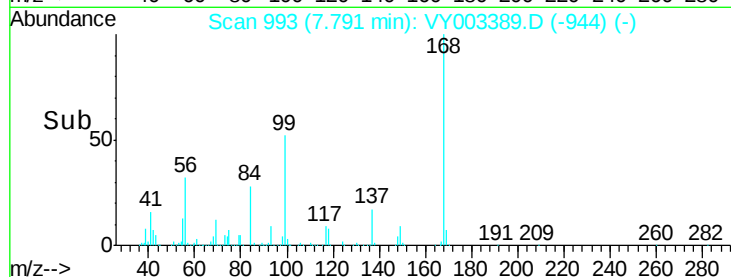
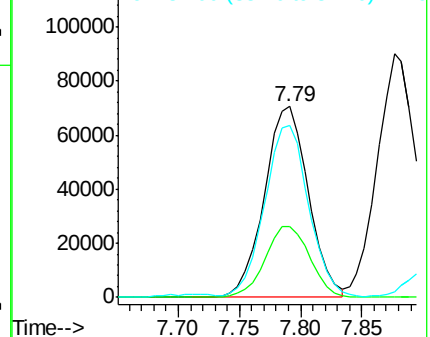
56 100

69 36.9 26.1 39.1

84 88.3 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.066 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

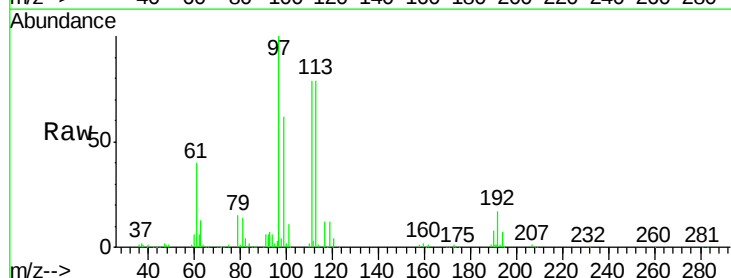
Tgt Ion: 97 Resp: 167632

Ion Ratio Lower Upper

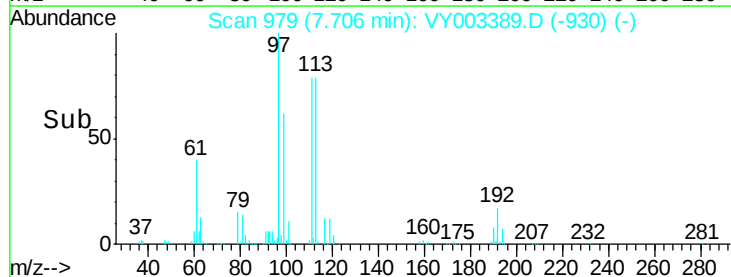
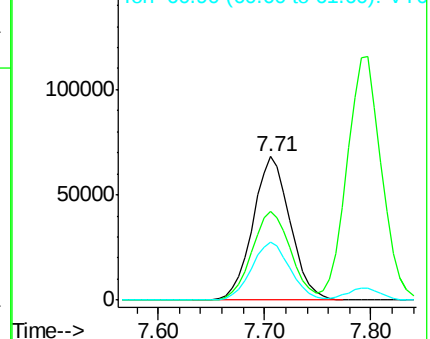
97 100

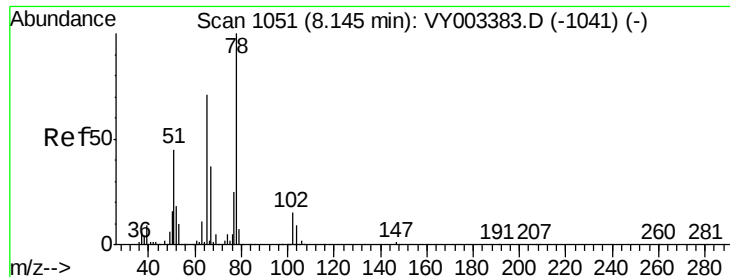
99 64.1 50.9 76.3

61 41.9 33.7 50.5



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

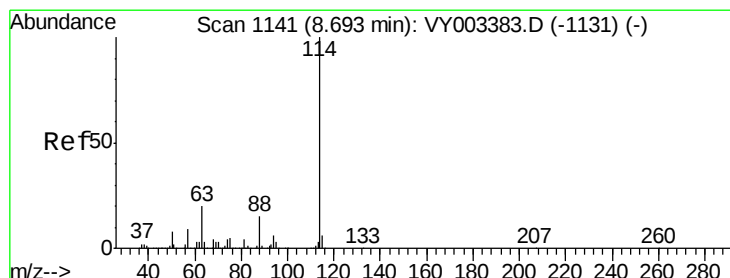
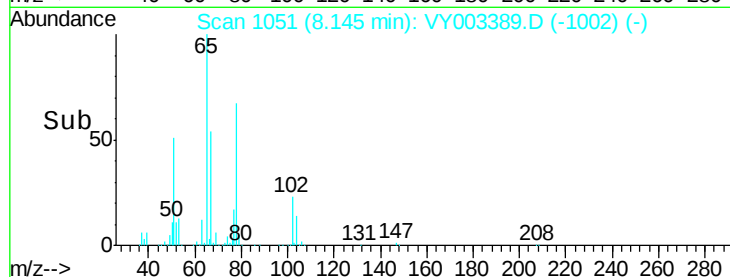
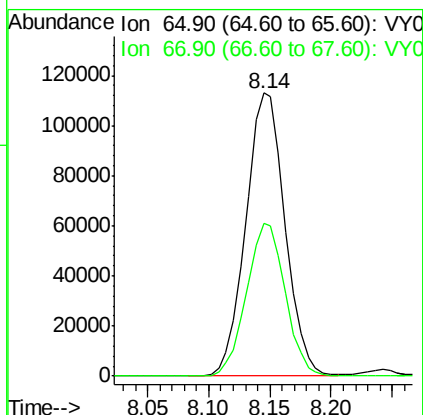
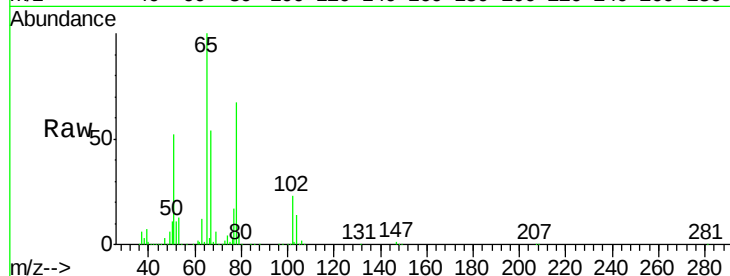




#33
 1,2-Dichloroethane-d4
 Concen: 49.755 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

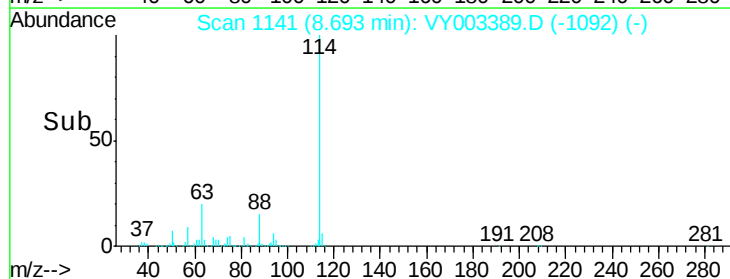
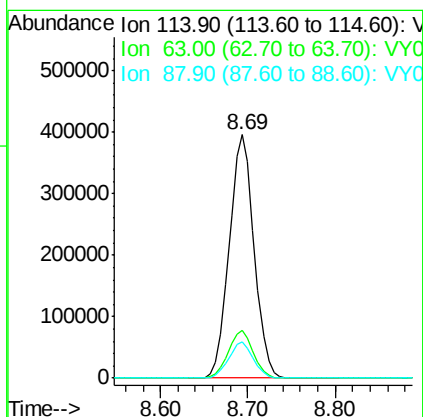
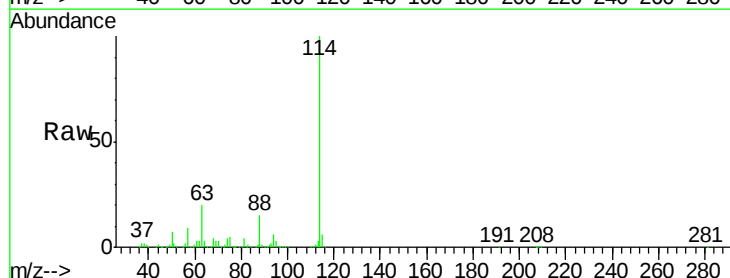
Instrument :
 MSVOA_Y
 ClientSampleId :

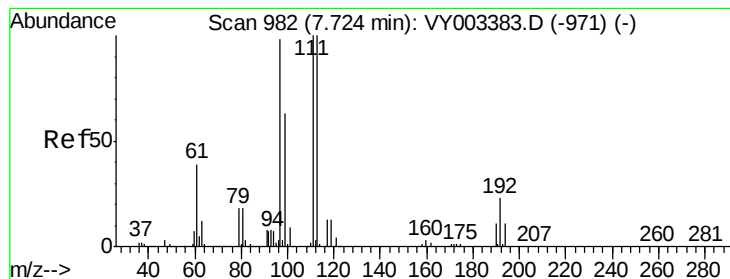
Tot Ion: 65 Resp: 251407
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion: 114 Resp: 780266
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.176 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampled :

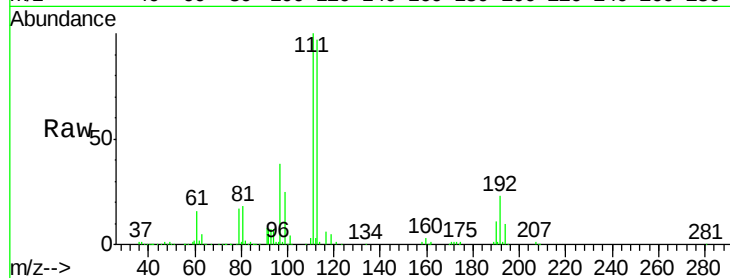
Tot Ion:113 Resp: 235219

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

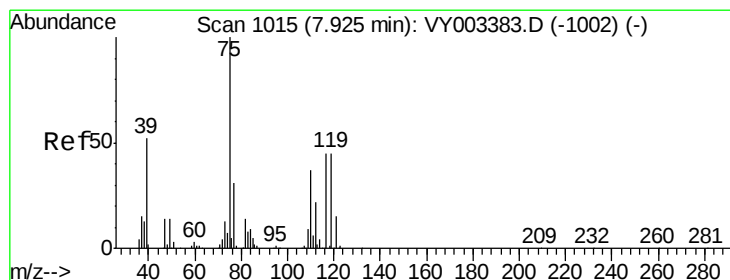
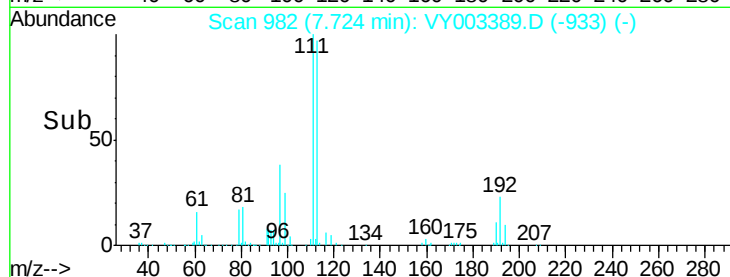
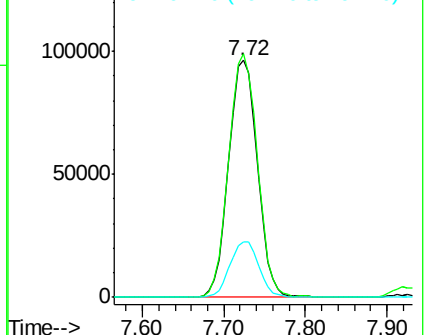
192 23.4 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.144 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

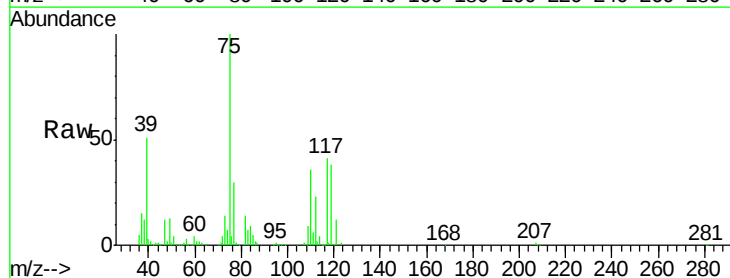
Tgt Ion: 75 Resp: 148738

Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.5

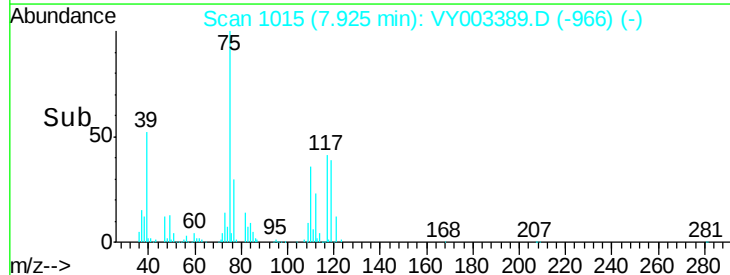
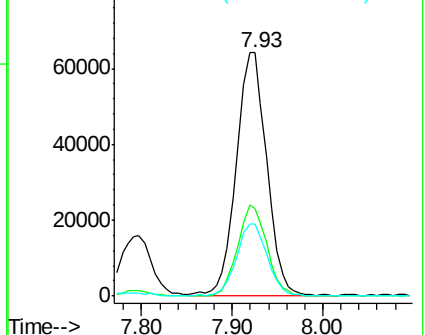
77 30.3 24.6 36.8

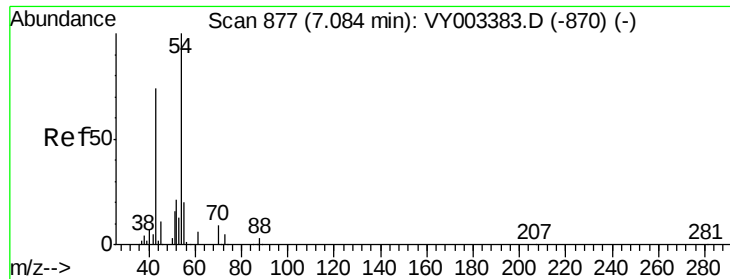


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

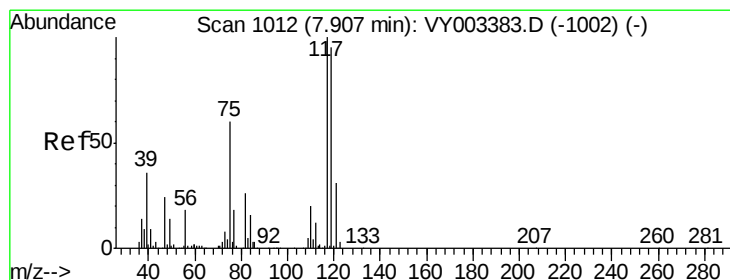
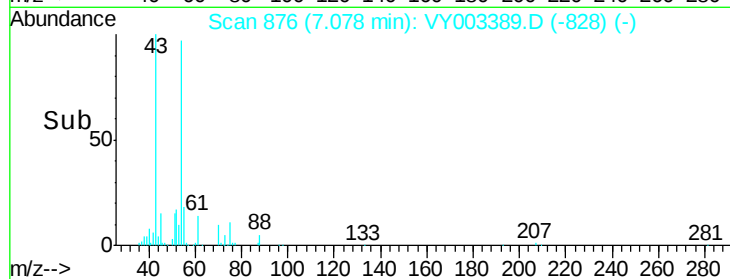
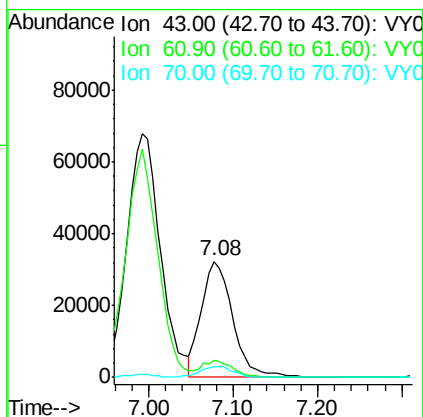
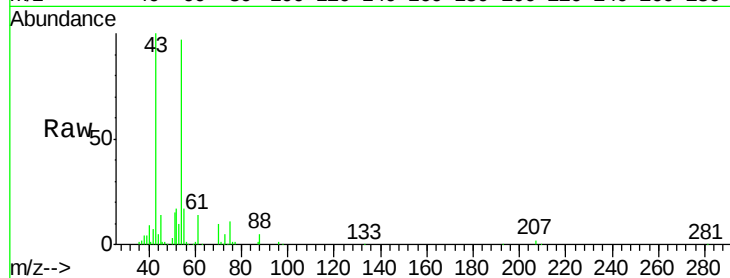




#37
Ethyl Acetate
Concen: 19.839 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

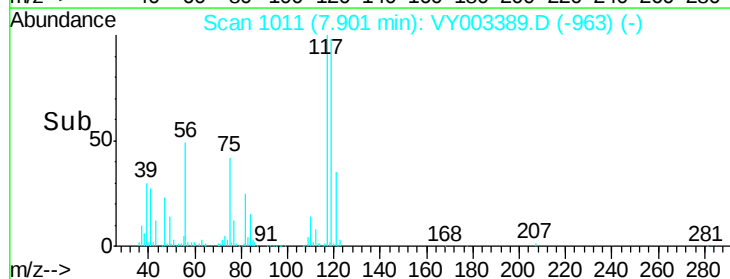
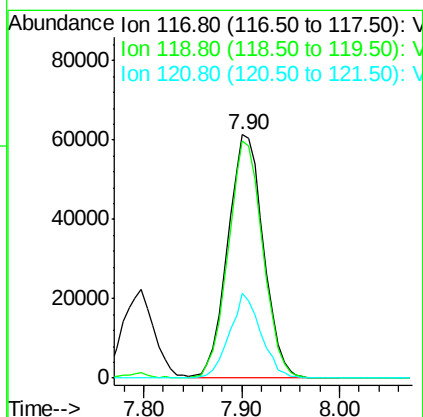
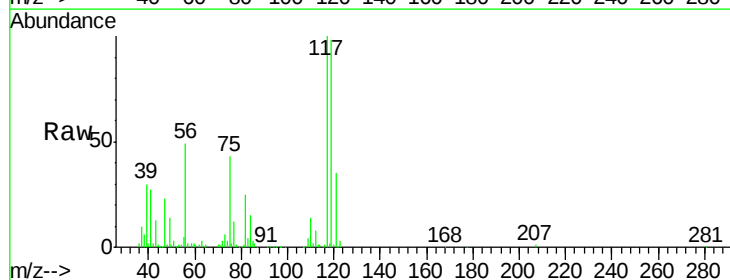
Instrument :
MSVOA_Y
ClientSampled :

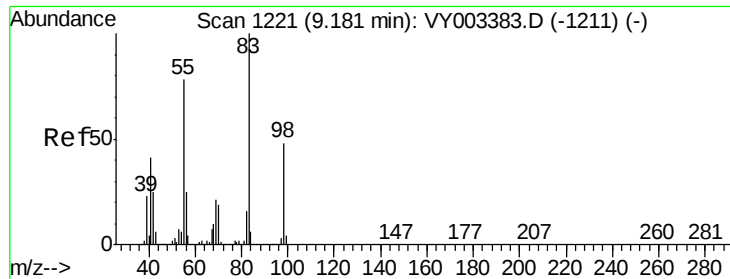
Tot Ion: 43 Resp: 83296
Ion Ratio Lower Upper
43 100
61 14.1 11.2 16.8
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.399 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 117 Resp: 154985
Ion Ratio Lower Upper
117 100
119 97.6 76.1 114.1
121 34.7 24.5 36.7

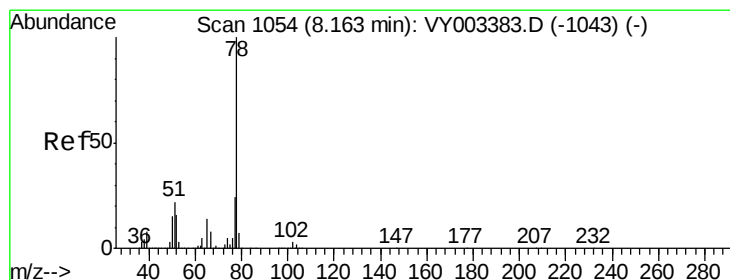
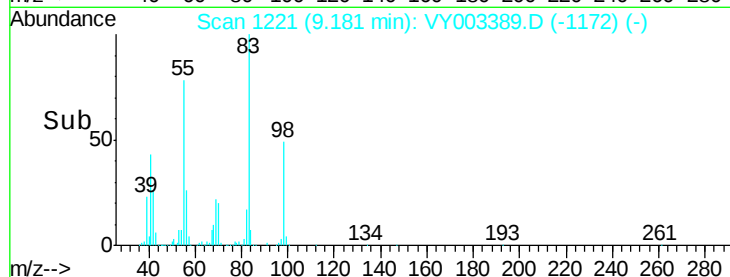
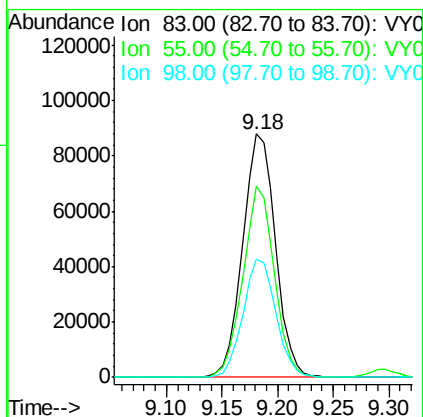
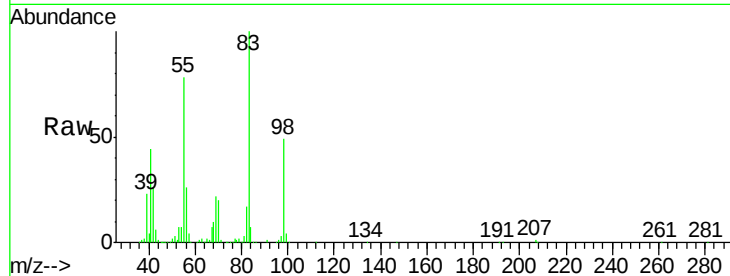




#39
Methvlcvclohexane
Concen: 19.973 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

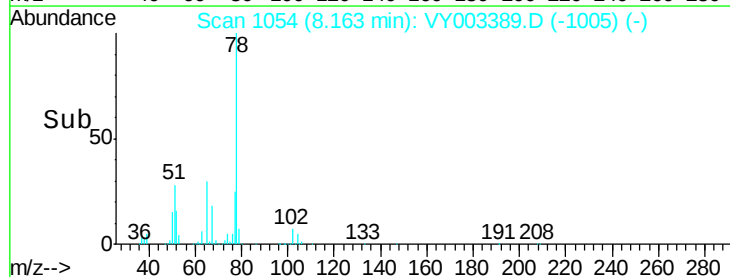
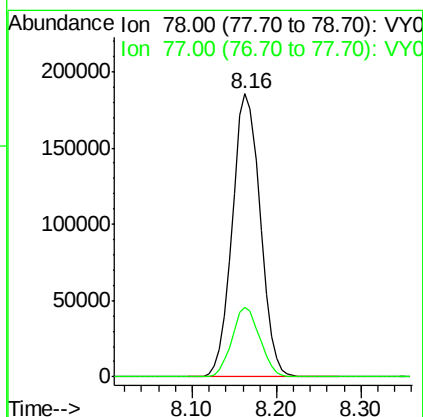
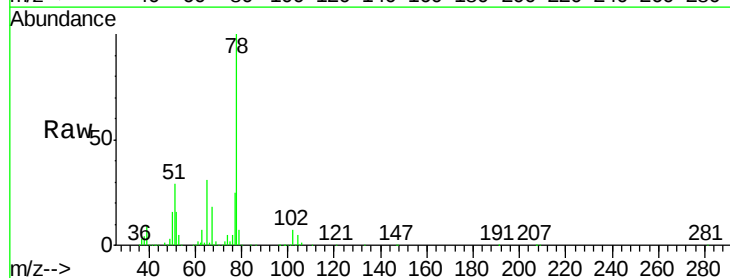
Instrument :
MSVOA_Y
ClientSampled :

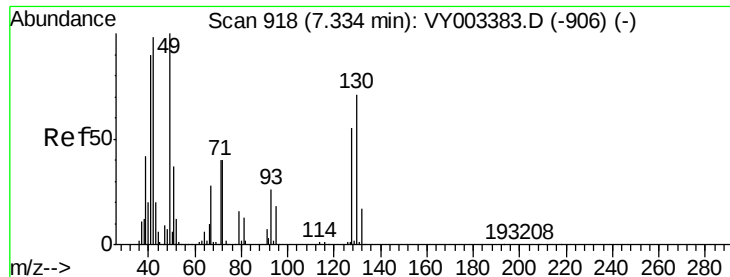
Tot Ion: 83 Resp: 179944
Ion Ratio Lower Upper
83 100
55 78.4 62.2 93.4
98 48.7 38.7 58.1



#40
Benzene
Concen: 20.282 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 78 Resp: 415523
Ion Ratio Lower Upper
78 100
77 24.8 19.5 29.3

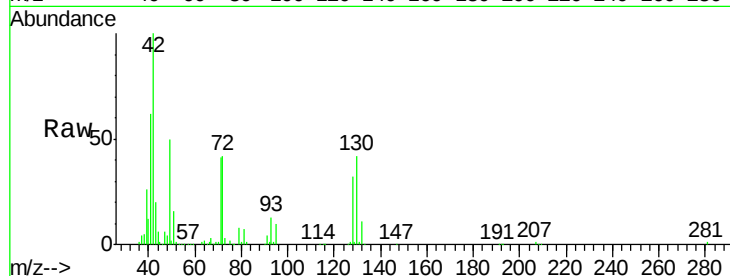




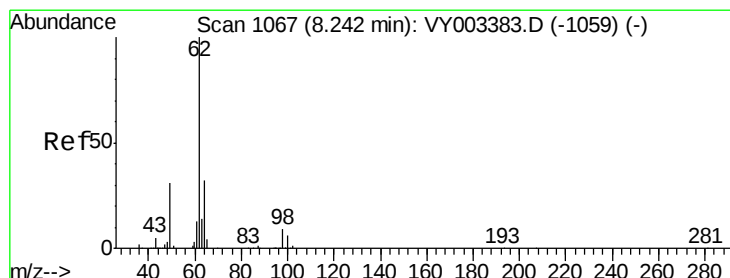
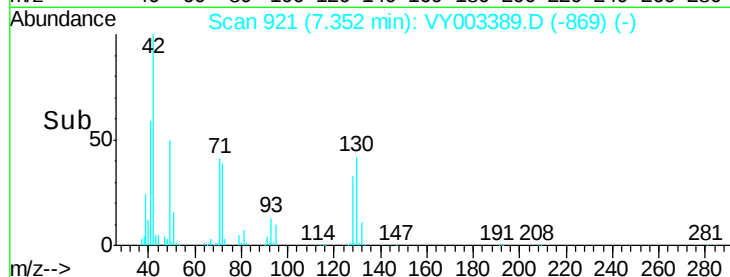
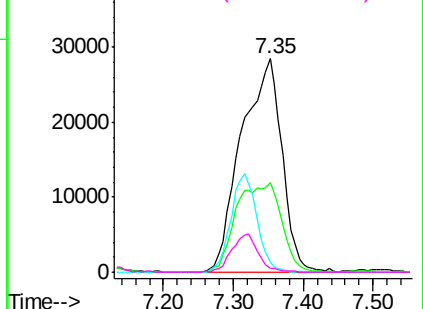
#41
Methacrylonitrile
Concen: 47.780 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	115002
Ion	Ratio	Lower	Upper
41	100		
39	0.0	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

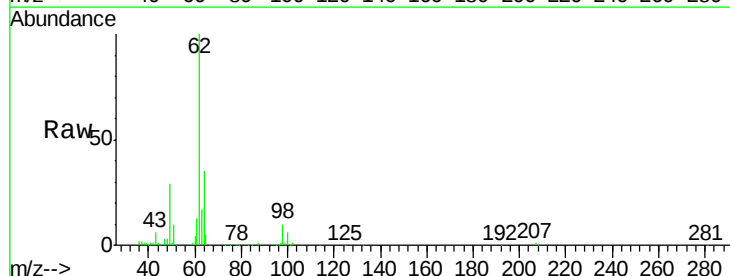


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

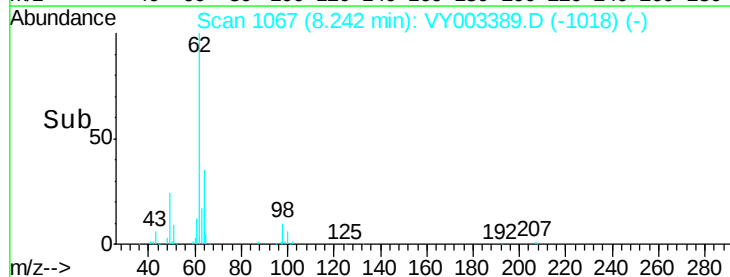
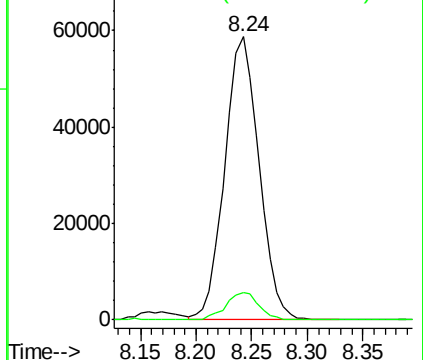


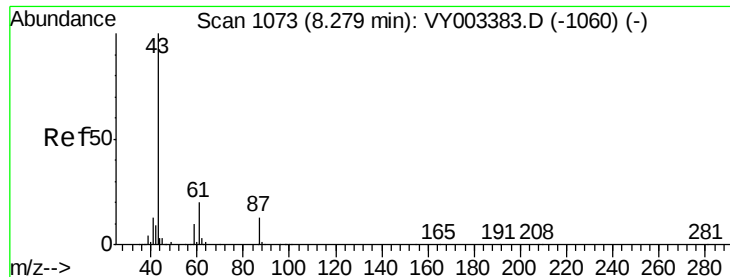
#42
1,2-Dichloroethane
Concen: 20.117 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion:	62	Resp:	125522
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 19.819 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

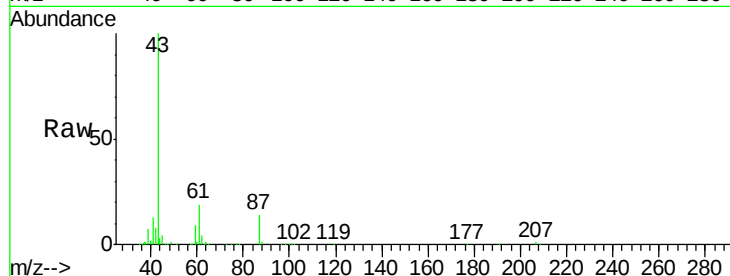
Tot Ion: 43 Resp: 157054

Ion Ratio Lower Upper

43 100

61 29.6 23.0 34.4

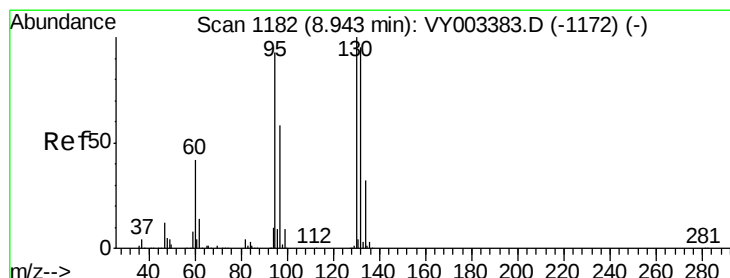
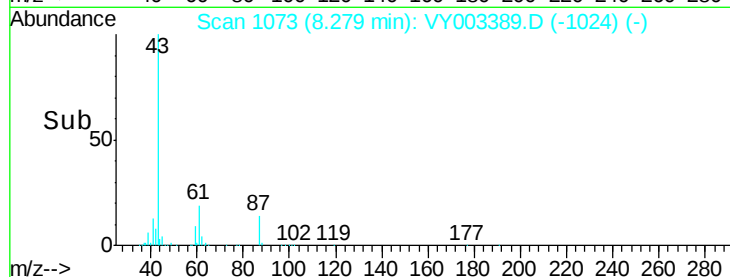
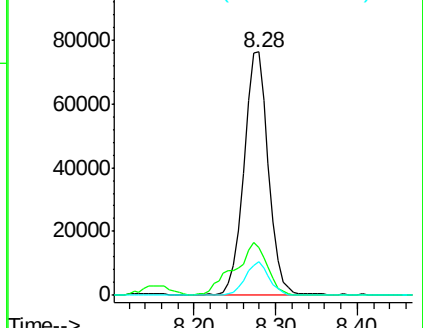
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY003389.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003389.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003389.D (-1024) (-)



#44

Trichloroethene

Concen: 20.346 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003389.D

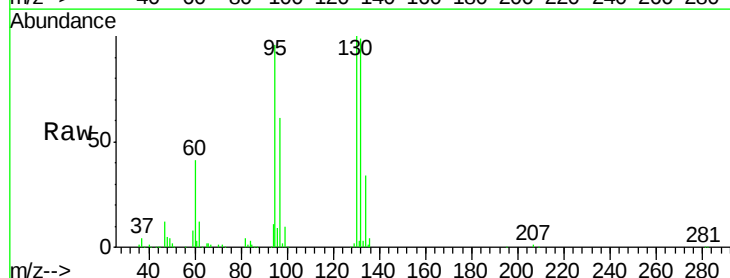
Acq: 31 Jul 2020 15:09

Tgt Ion: 130 Resp: 119882

Ion Ratio Lower Upper

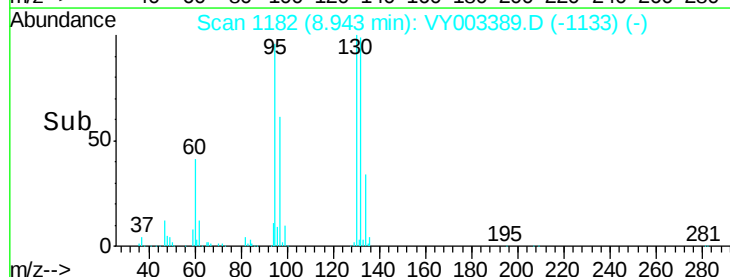
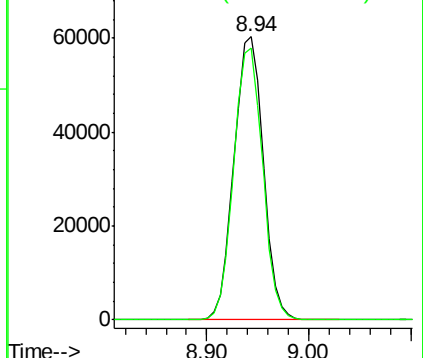
130 100

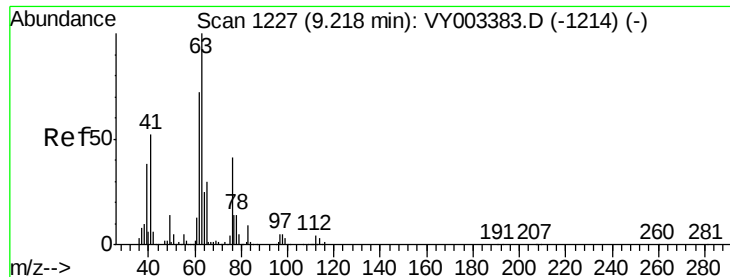
95 96.2 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VY003389.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003389.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 20.054 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

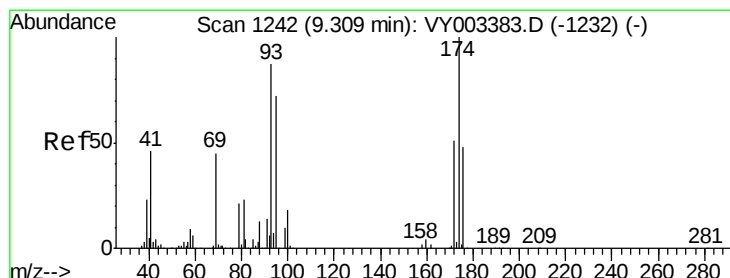
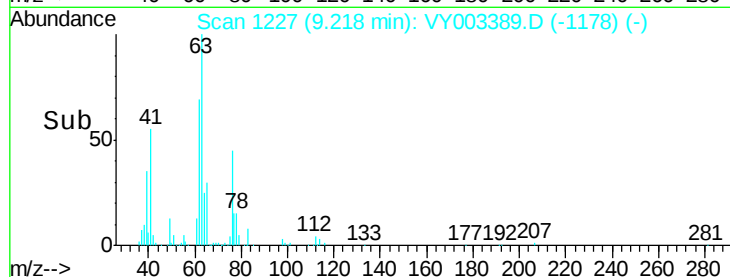
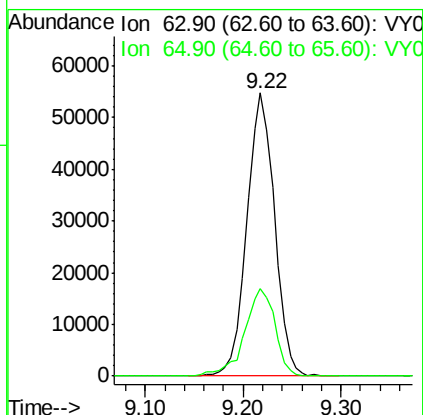
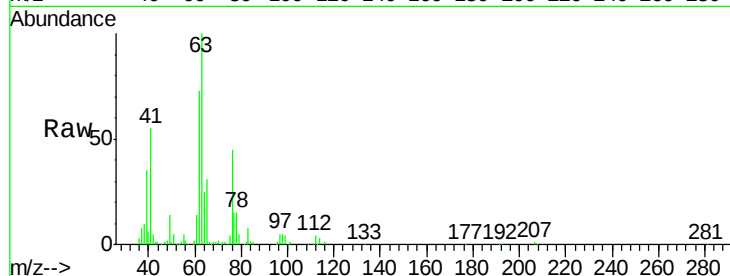
ClientSampled :

Tot Ion: 63 Resp: 107590

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.8



#46

Dibromomethane

Concen: 20.029 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

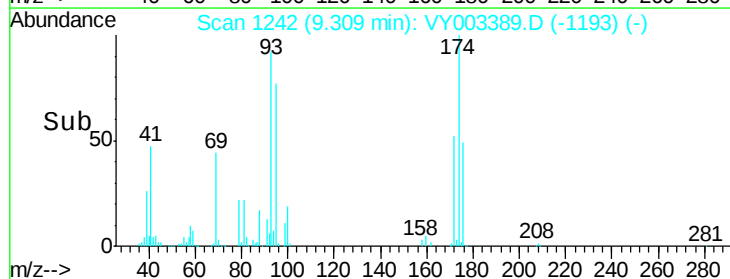
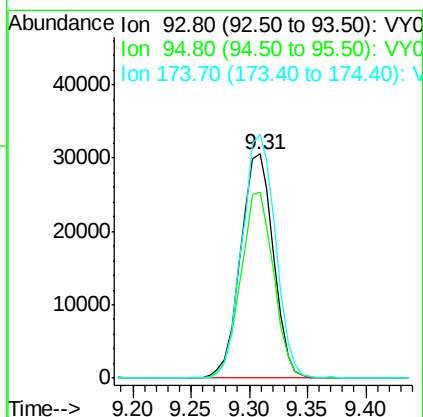
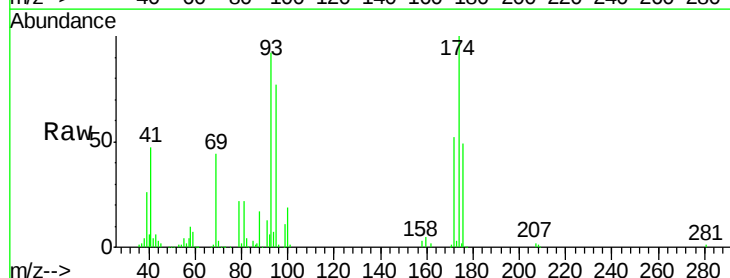
Tgt Ion: 93 Resp: 60289

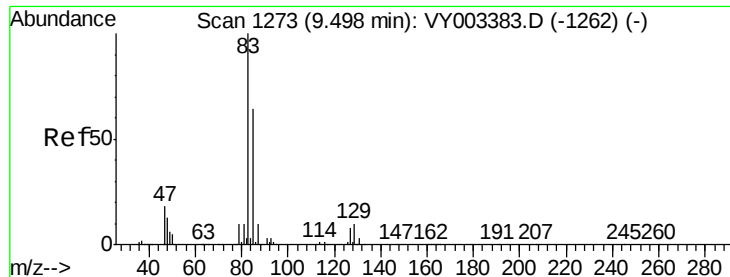
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.0

174 111.0 88.6 133.0





#47

Bromodichloromethane

Concen: 20.553 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampled :

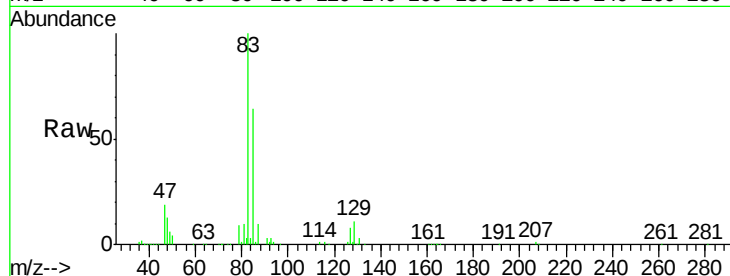
Tot Ion: 83 Resp: 149081

Ion Ratio Lower Upper

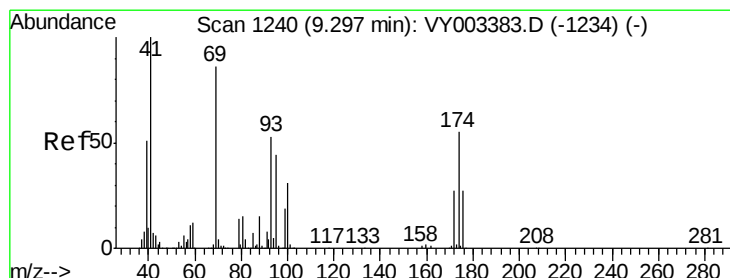
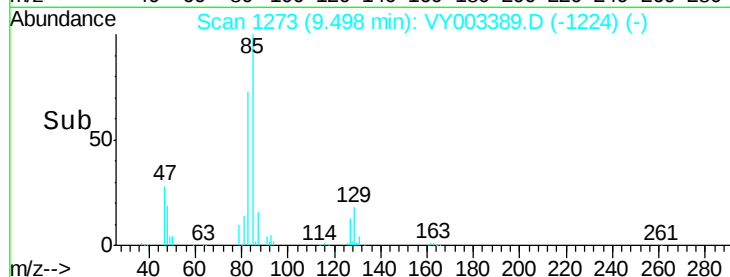
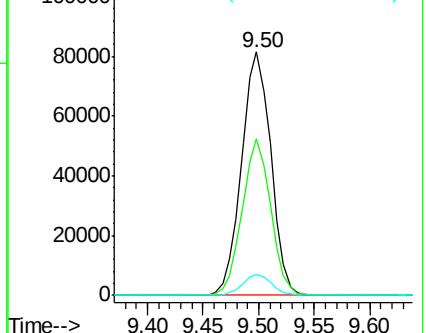
83 100

85 64.3 51.6 77.4

127 8.4 6.5 9.7



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



#48

Methyl methacrylate

Concen: 19.434 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

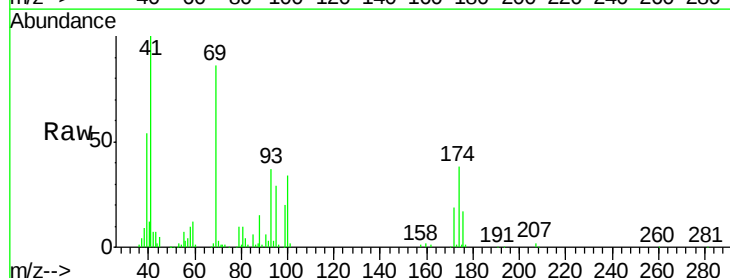
Tgt Ion: 41 Resp: 69514

Ion Ratio Lower Upper

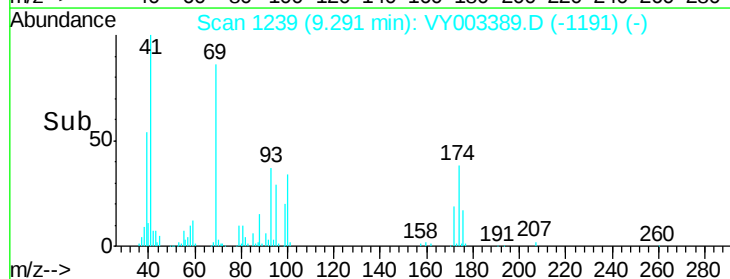
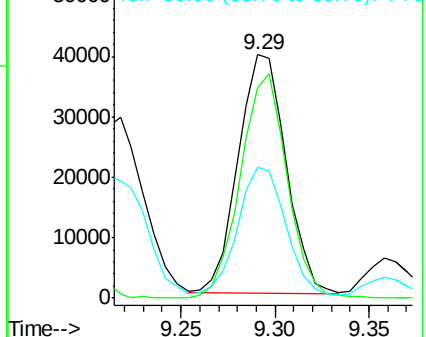
41 100

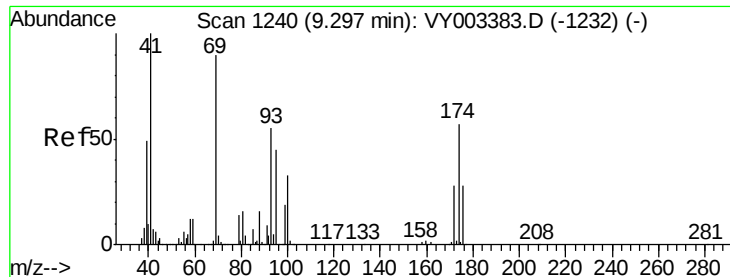
69 91.9 68.9 103.3

39 56.8 43.1 64.7



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





#49

1,4-Dioxane

Concen: 411.049 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :

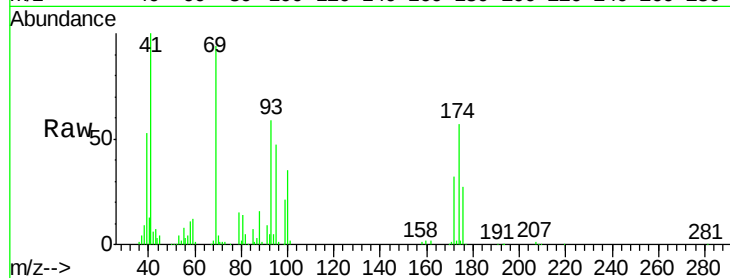
Tot Ion: 88 Resp: 16014

Ion Ratio Lower Upper

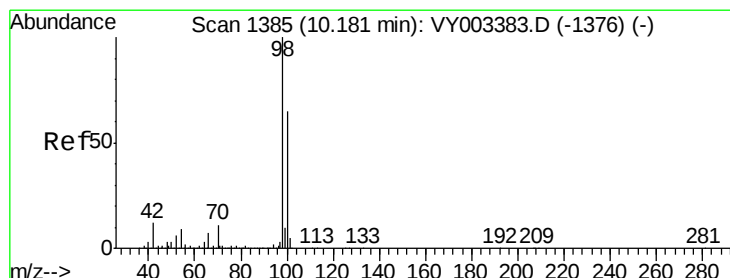
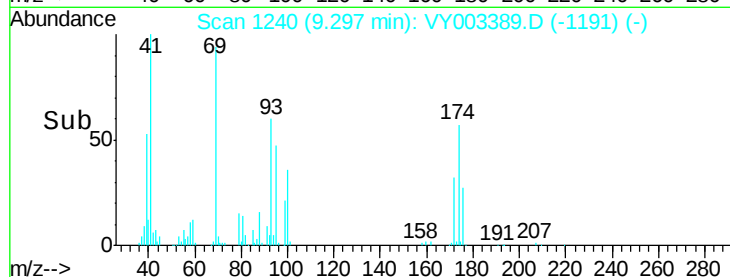
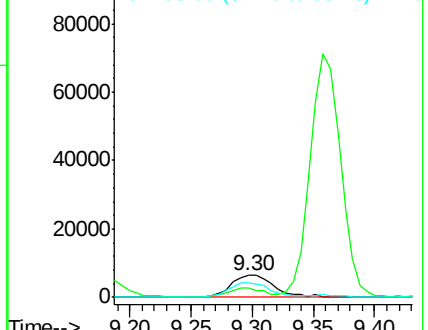
88 100

43 33.3 24.9 37.3

58 62.6 54.3 81.5



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



#50

Toluene-d8

Concen: 51.349 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003389.D

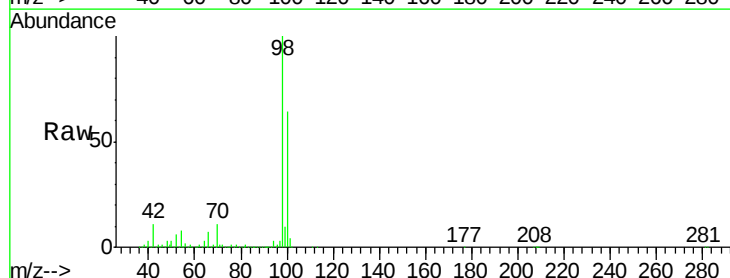
Acq: 31 Jul 2020 15:09

Tgt Ion: 98 Resp: 924175

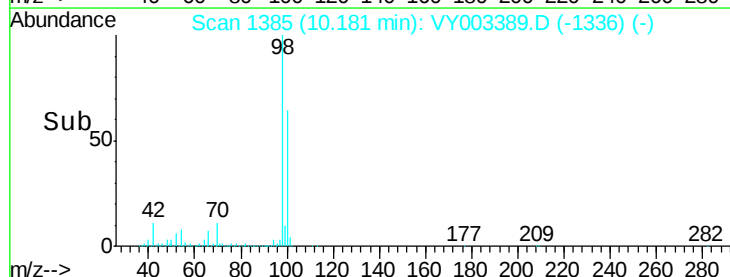
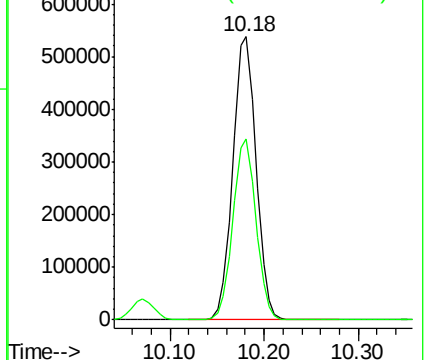
Ion Ratio Lower Upper

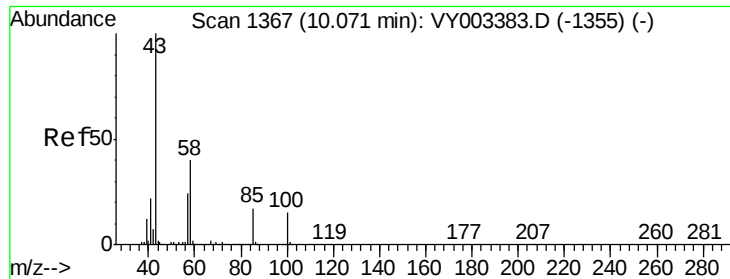
98 100

100 63.6 51.3 76.9



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

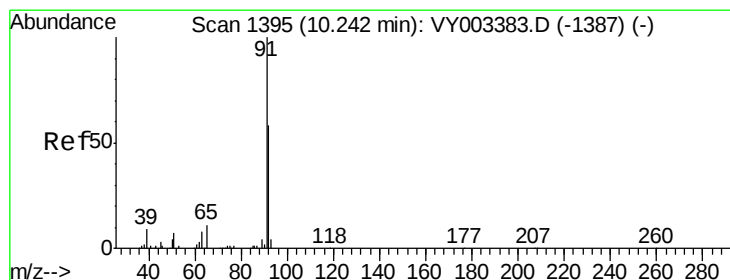
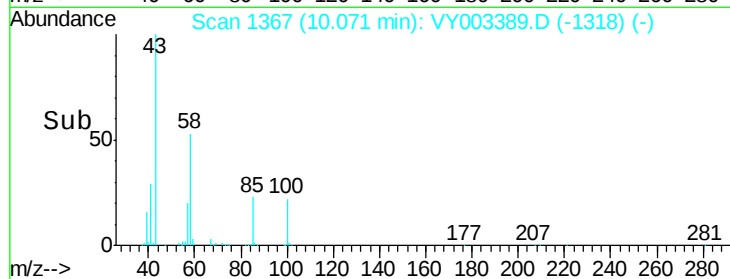
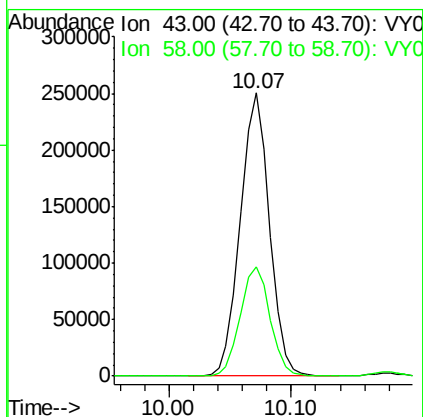
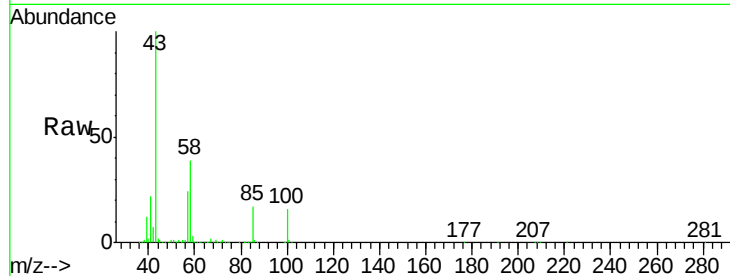




#51
4-Methyl-2-Pentanone
Concen: 99.756 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

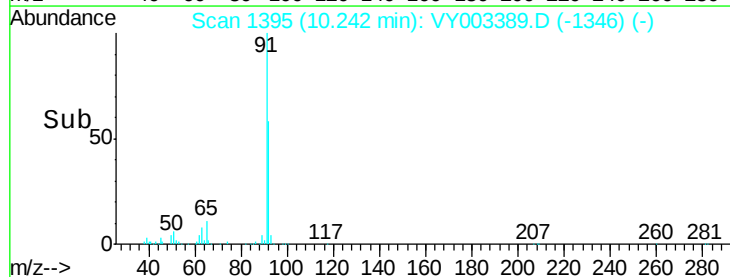
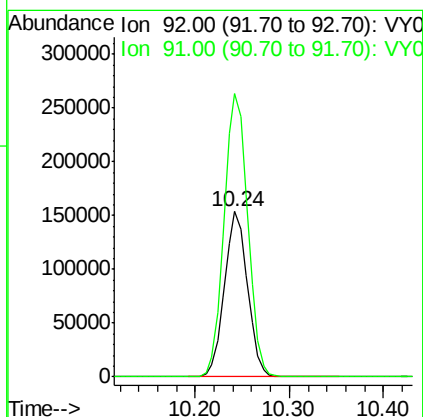
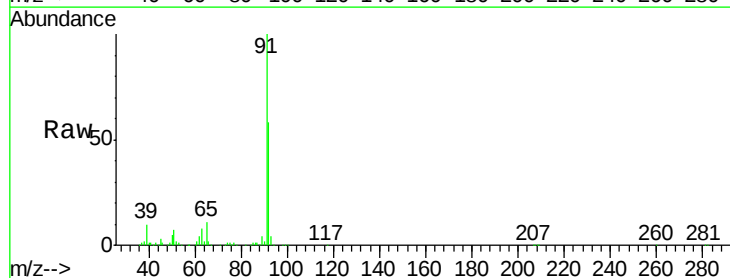
Instrument :
MSVOA_Y
ClientSampled :

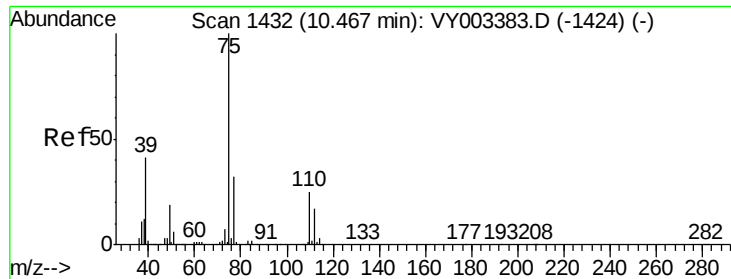
Tot Ion: 43 Resp: 414269
Ion Ratio Lower Upper
43 100
58 39.6 31.6 47.4



#52
Toluene
Concen: 20.317 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 92 Resp: 261053
Ion Ratio Lower Upper
92 100
91 175.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 20.014 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

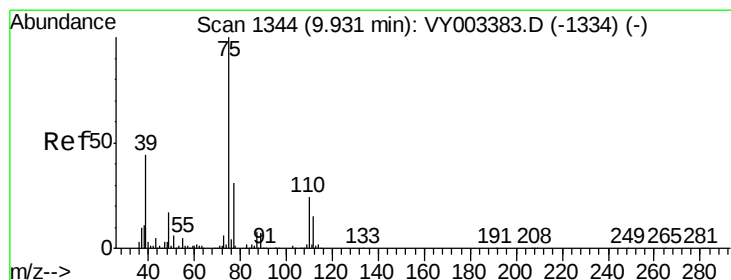
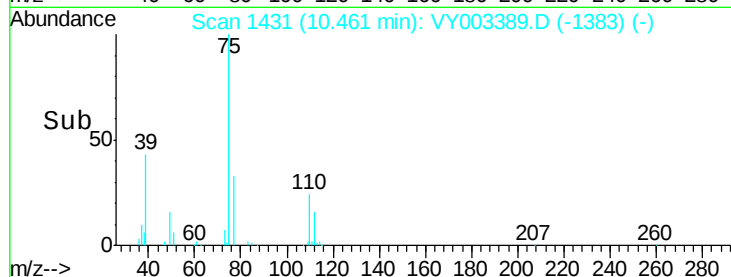
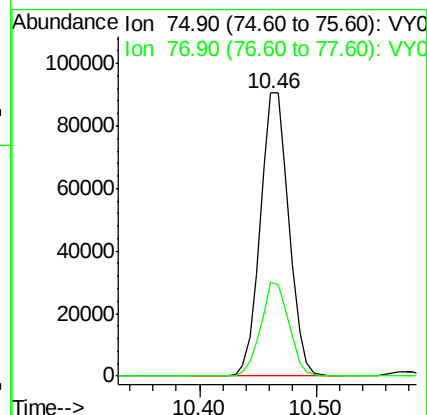
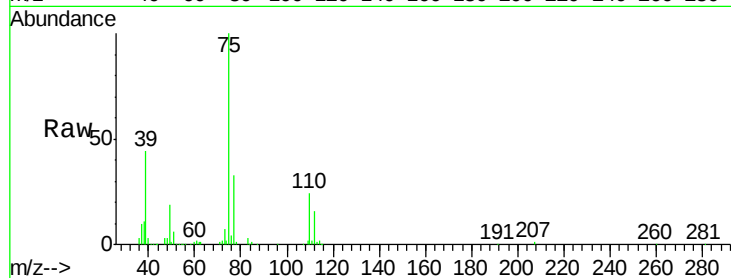
ClientSampled :

Tot Ion: 75 Resp: 154081

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.103 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

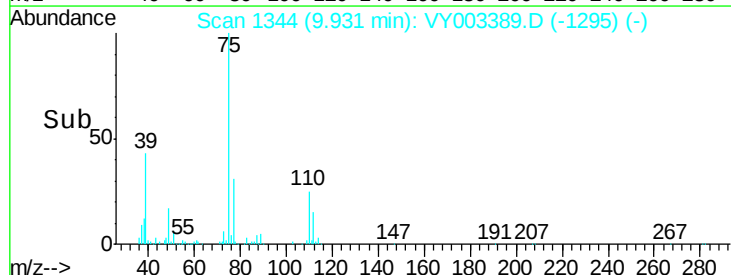
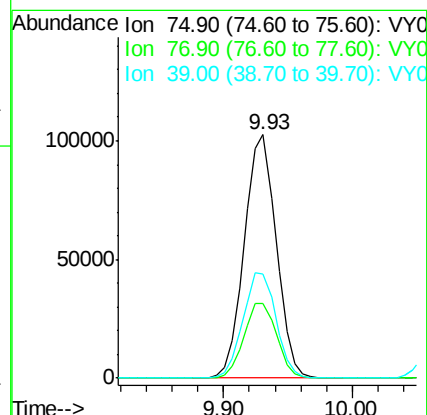
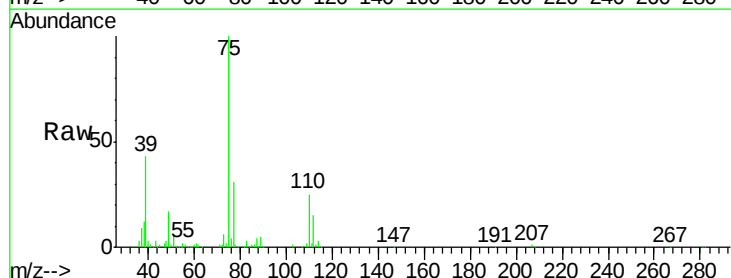
Tgt Ion: 75 Resp: 175390

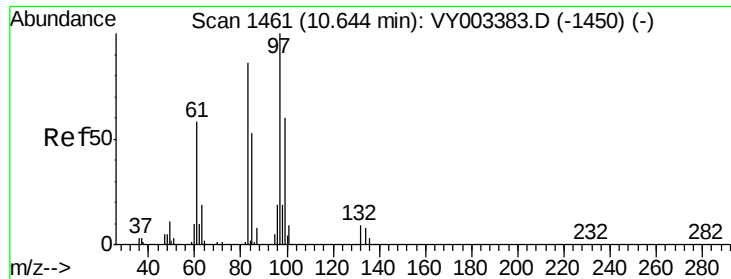
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 42.9 34.8 52.2

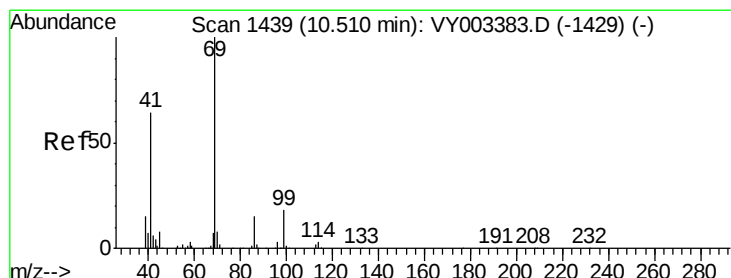
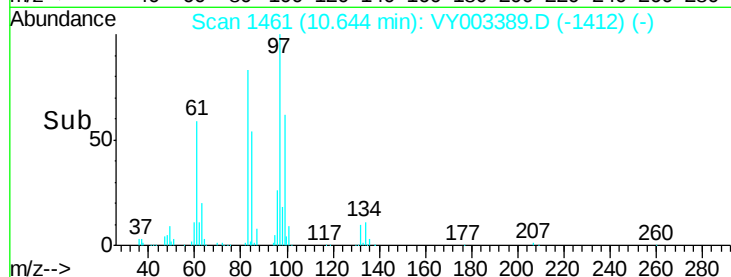
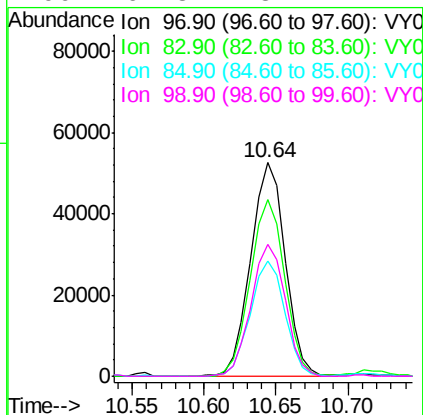
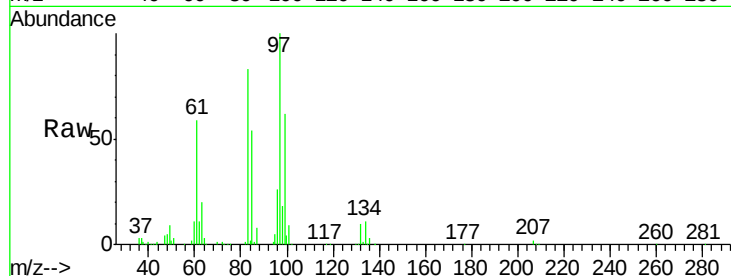




#55
 1,1,2-Trichloroethane
 Concen: 20.634 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

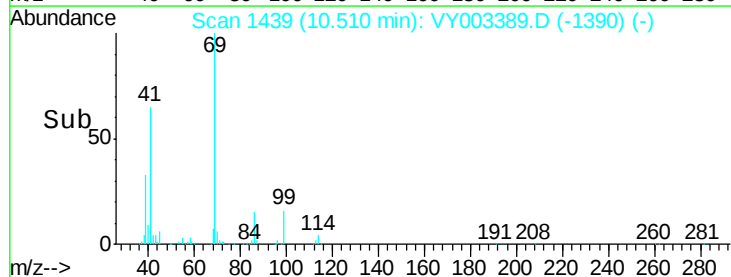
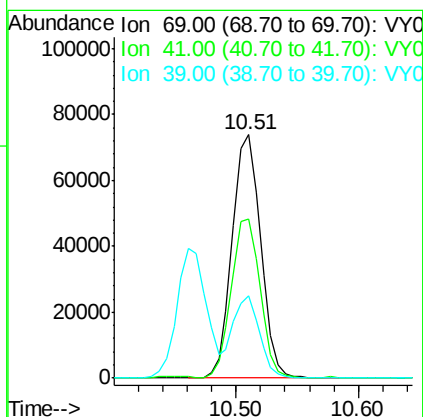
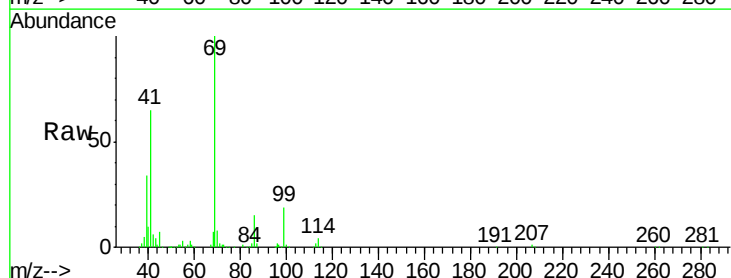
Instrument :
 MSVOA_Y
 ClientSampleId :

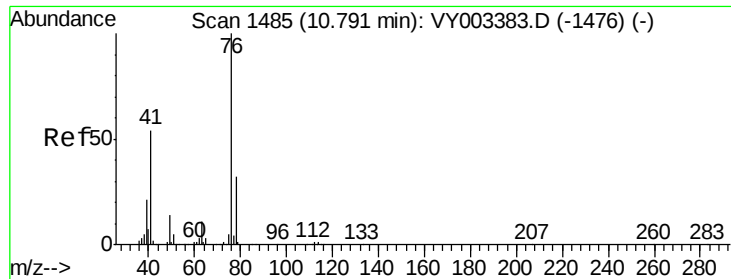
Tot Ion:	97	Resp:	87119
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.1	103.7
85	54.2	42.5	63.7
99	61.8	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 20.371 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion:	69	Resp:	119074
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.2	78.4
39	32.4	24.7	37.1





#57

1,3-Dichloropropane

Concen: 20.209 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

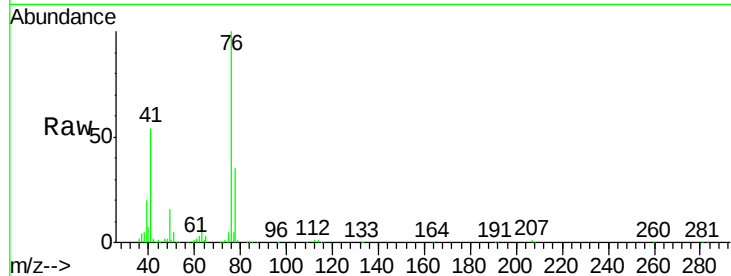
ClientSampled :

Tot Ion: 76 Resp: 148292

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

80000

60000

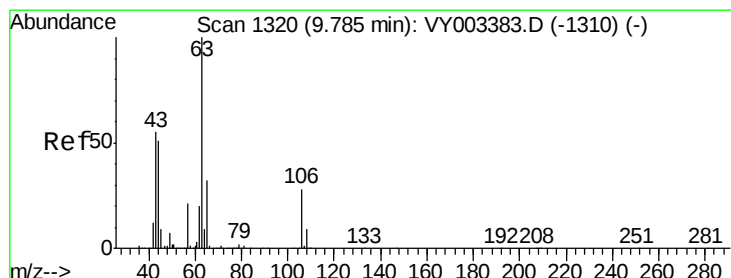
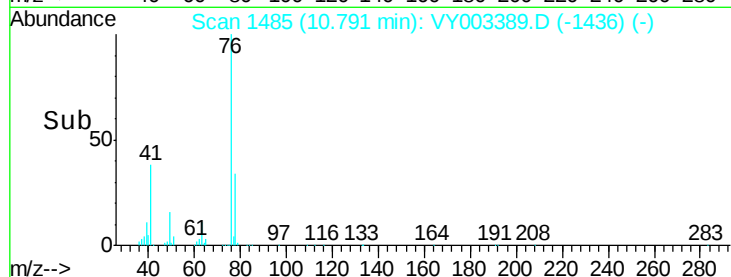
40000

20000

0

Time-->

10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 106.408 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003389.D

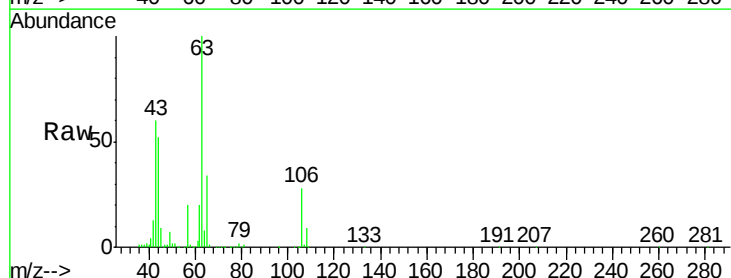
Acq: 31 Jul 2020 15:09

Tgt Ion: 63 Resp: 288090

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

200000

150000

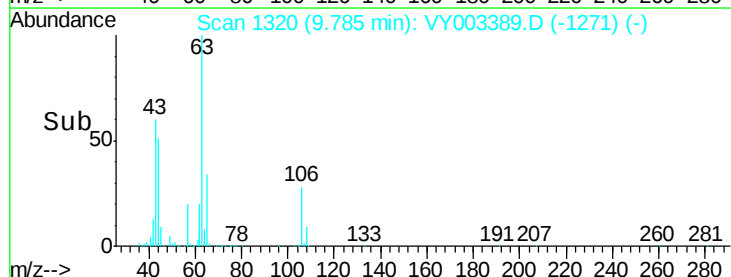
100000

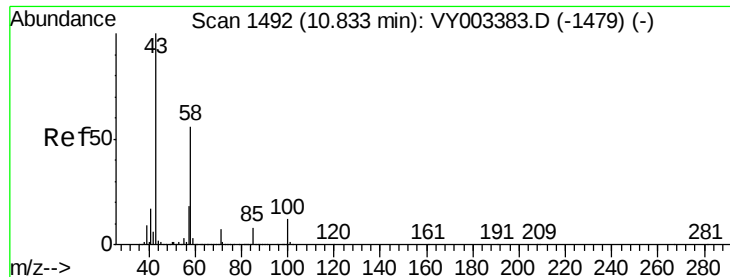
50000

0

Time-->

9.70 9.75 9.80 9.85 9.90

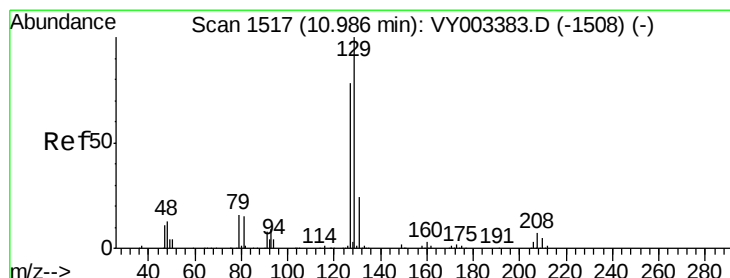
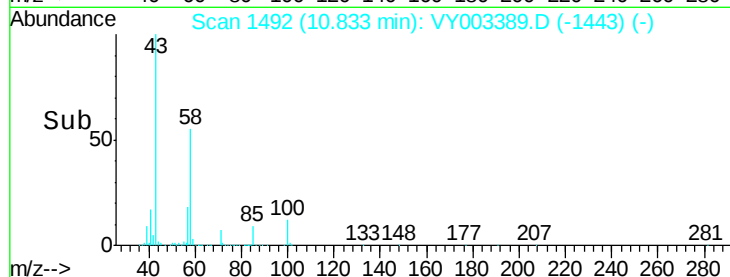
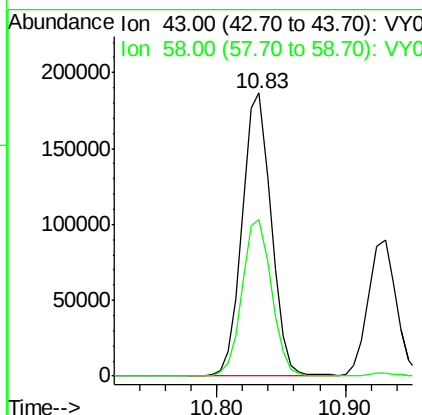
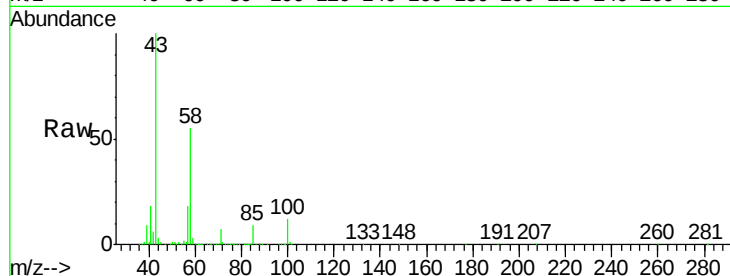




#59
2-Hexanone
Concen: 100.132 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

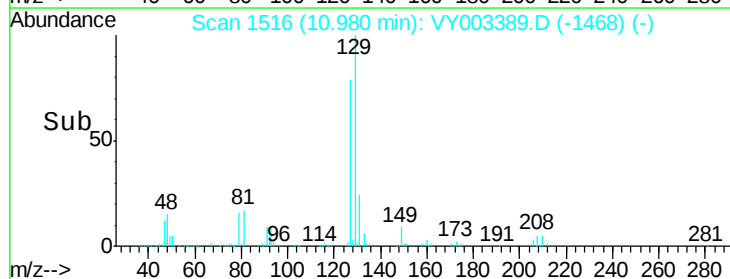
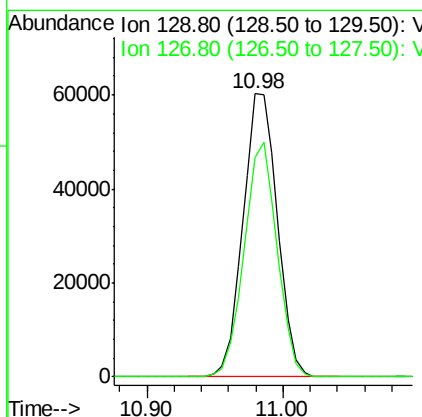
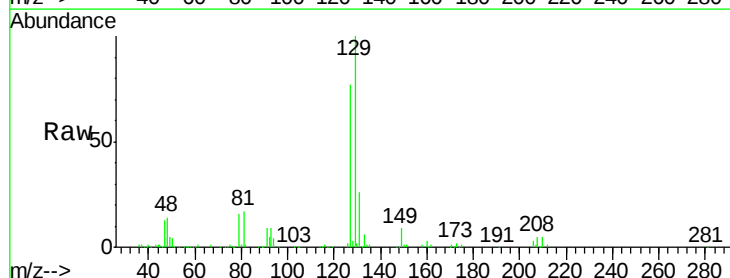
Instrument :
MSVOA_Y
ClientSampled :

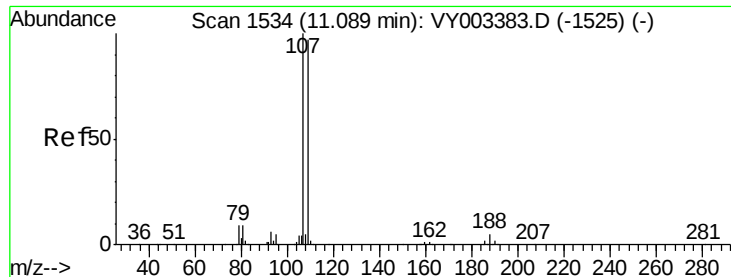
Tot Ion: 43 Resp: 289798
Ion Ratio Lower Upper
43 100
58 56.2 27.6 82.8



#60
Dibromochloromethane
Concen: 20.157 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 129 Resp: 106877
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1

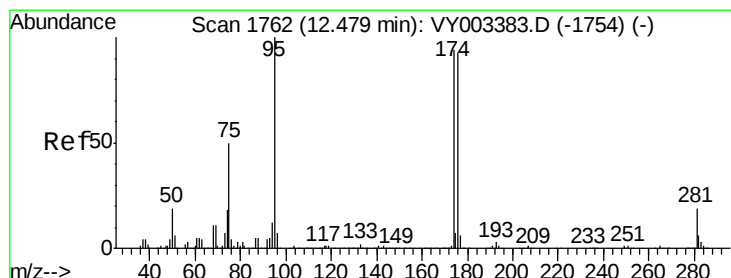
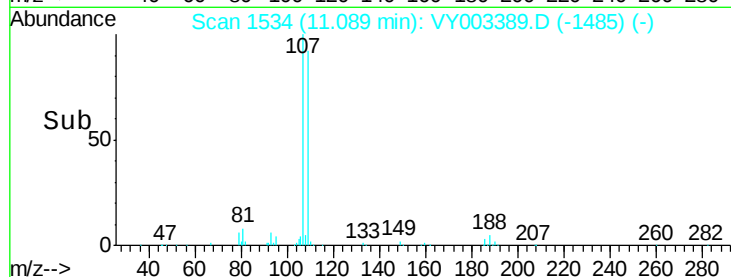
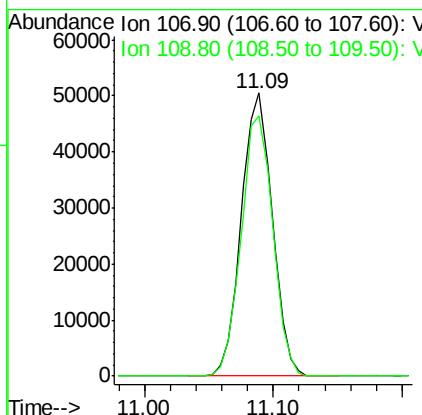
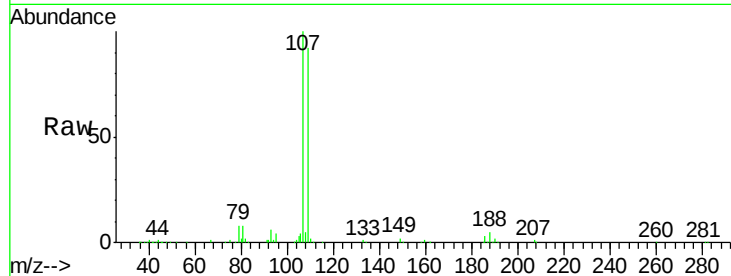




#61
 1,2-Dibromoethane
 Concen: 20.522 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

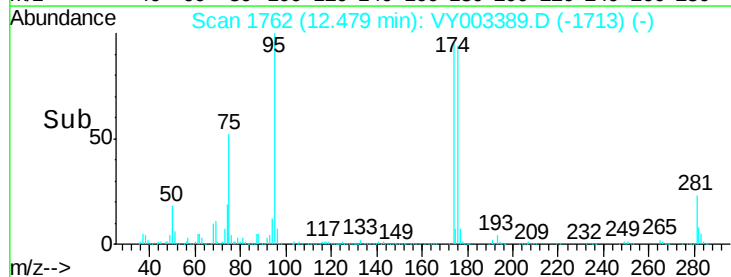
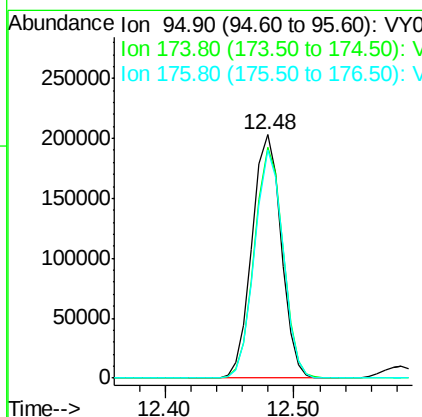
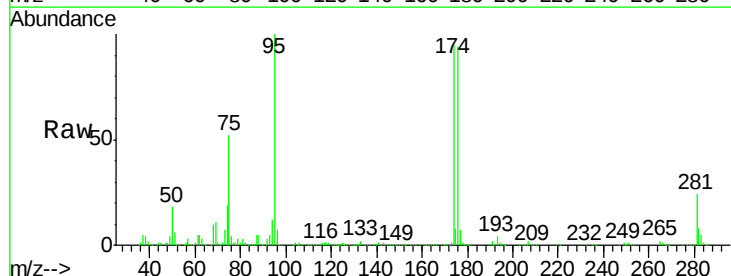
Instrument :
 MSVOA_Y
 ClientSampleId :

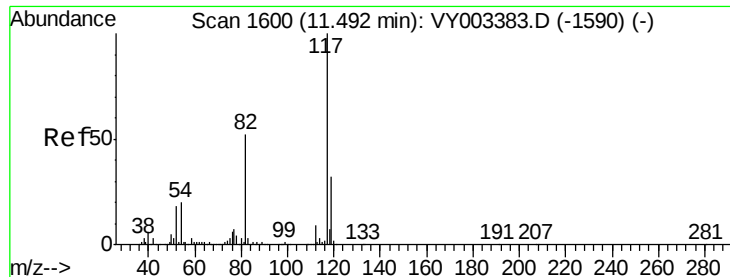
Tot Ion: 107 Resp: 83944
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.444 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion: 95 Resp: 316358
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 190.0
 176 91.4 0.0 184.4

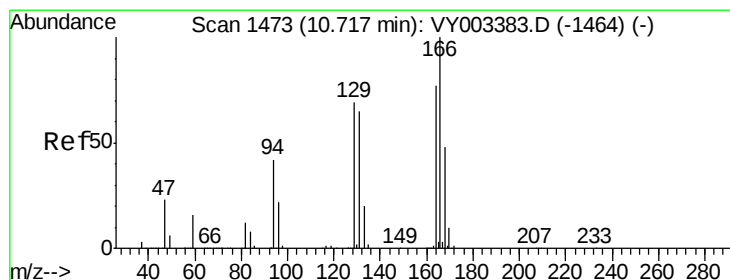
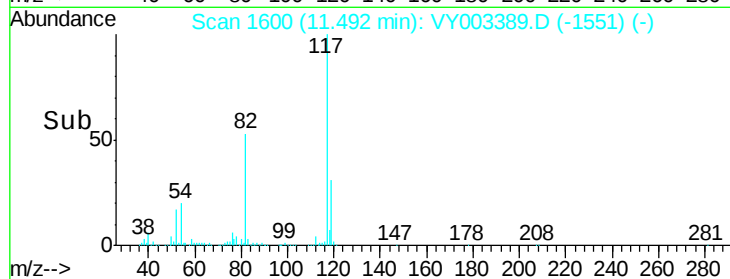
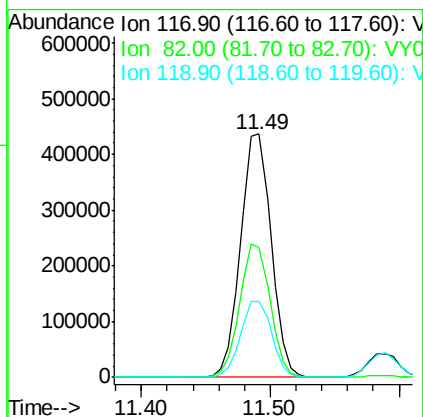
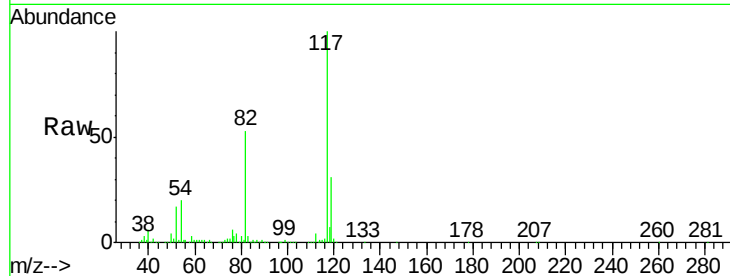




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

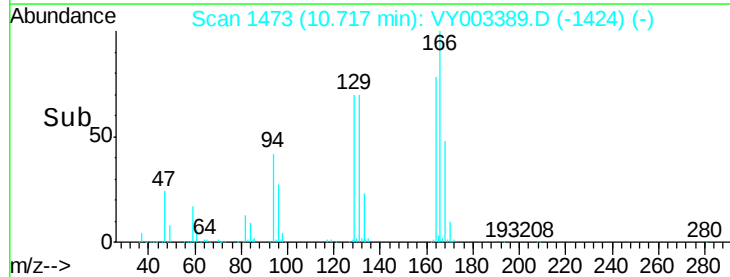
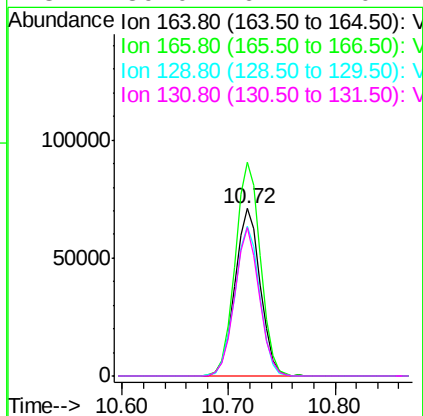
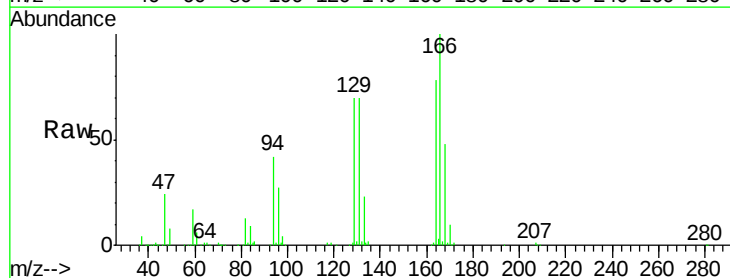
Instrument :
MSVOA_Y
ClientSampled :

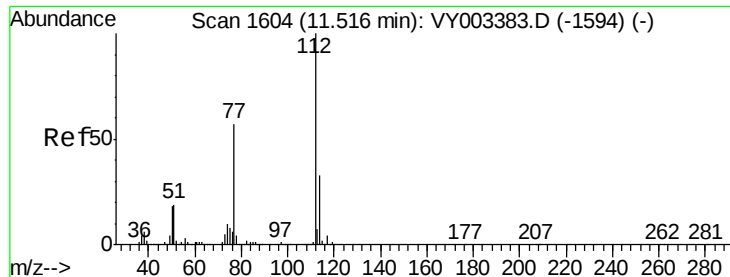
Tot Ion:117 Resp: 718925
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 19.702 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion:164 Resp: 118415
Ion Ratio Lower Upper
164 100
166 127.7 103.3 154.9
129 89.6 71.2 106.8
131 89.0 67.4 101.2





#65

Chlorobenzene

Concen: 20.284 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

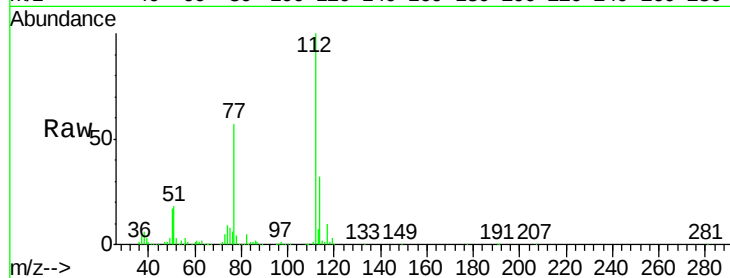
ClientSampleId :

Tot Ion:112 Resp: 286164

Ion Ratio Lower Upper

112 100

114 32.0 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

0

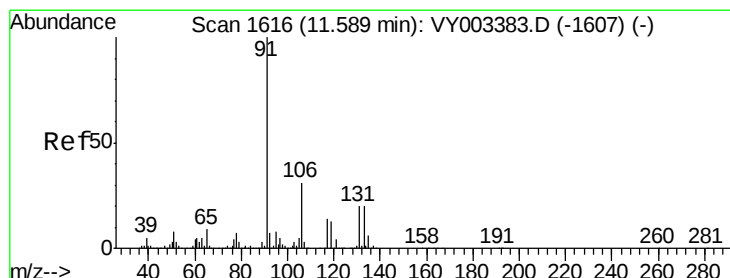
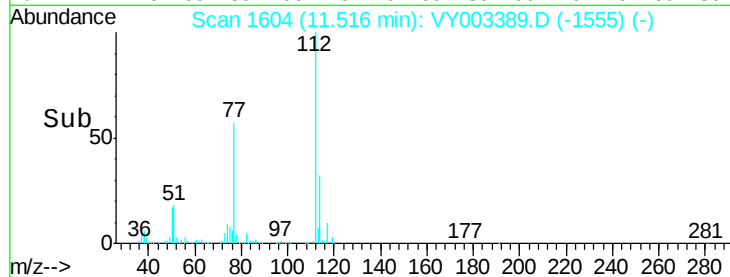
11.52

11.40

11.50

11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.060 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

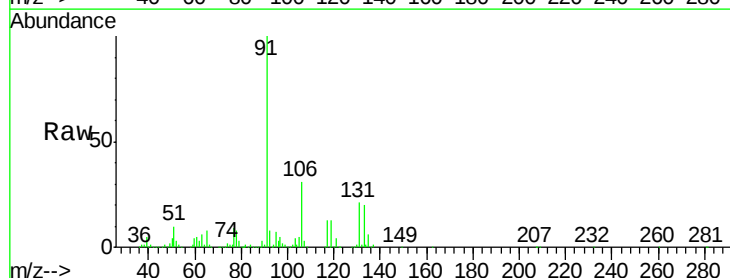
Tgt Ion:131 Resp: 110077

Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.3

119 64.1 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

100000

50000

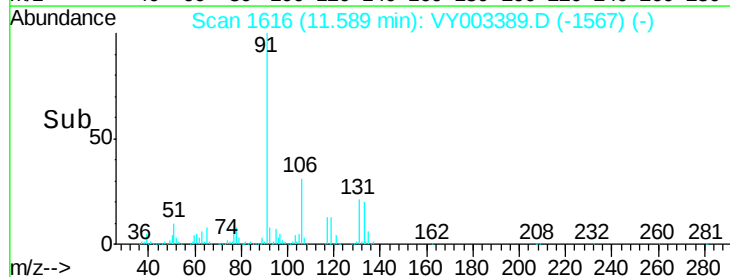
0

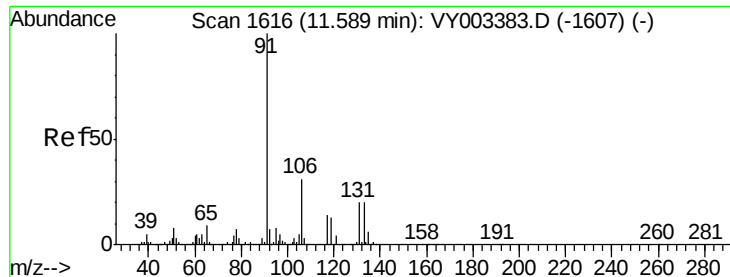
11.59

11.50

11.60

Time-->





#67

Ethyl Benzene

Concen: 20.181 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

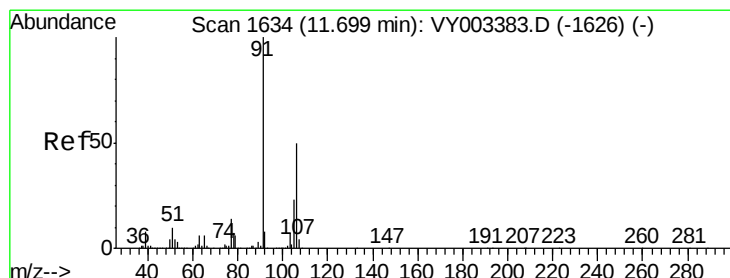
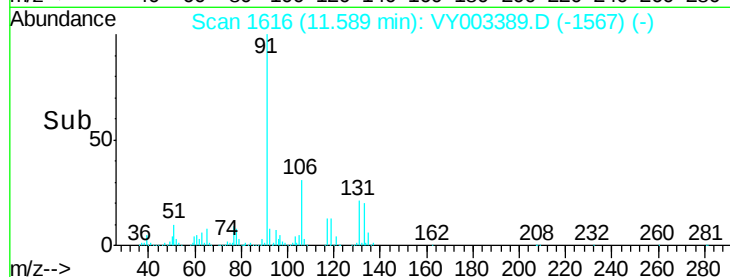
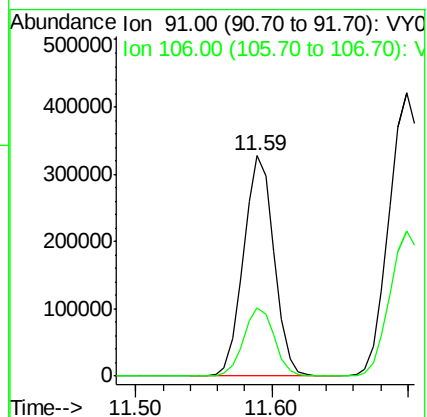
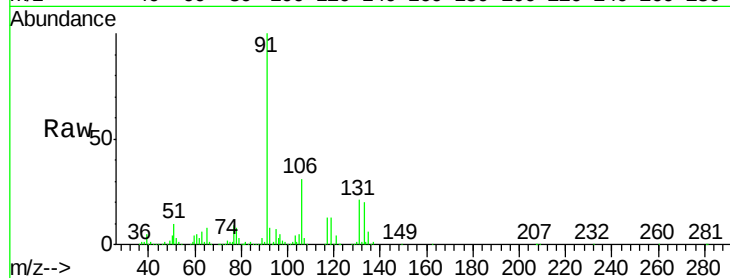
ClientSampleId :

Tot Ion: 91 Resp: 513368

Ion Ratio Lower Upper

91 100

106 31.0 24.4 36.6



#68

m/p-Xylenes

Concen: 40.557 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003389.D

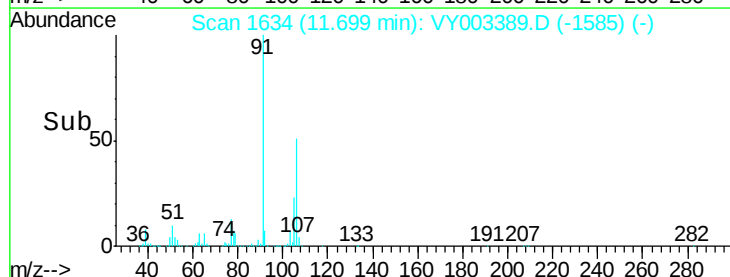
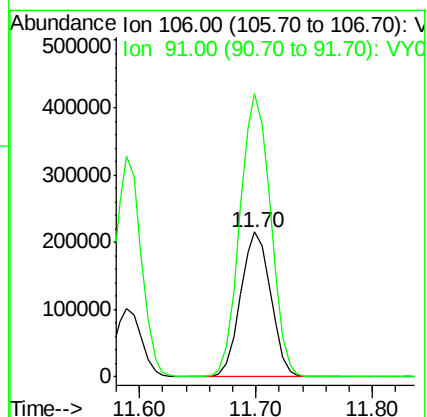
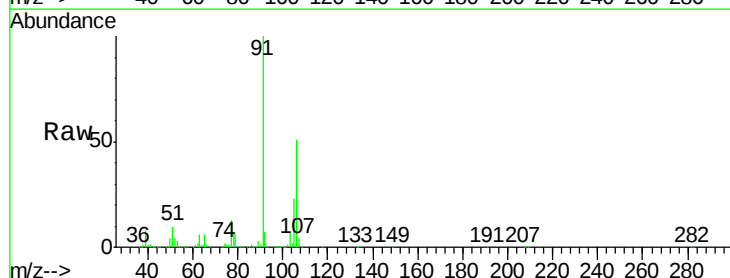
Acq: 31 Jul 2020 15:09

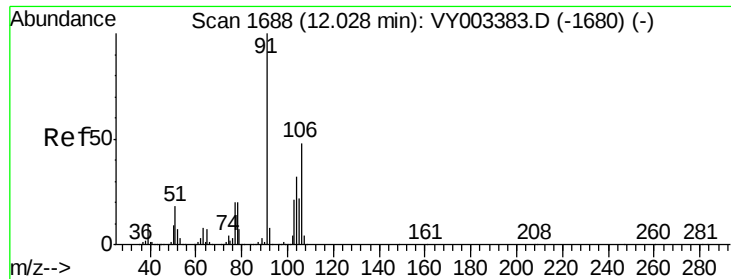
Tgt Ion: 106 Resp: 388937

Ion Ratio Lower Upper

106 100

91 199.0 161.0 241.6

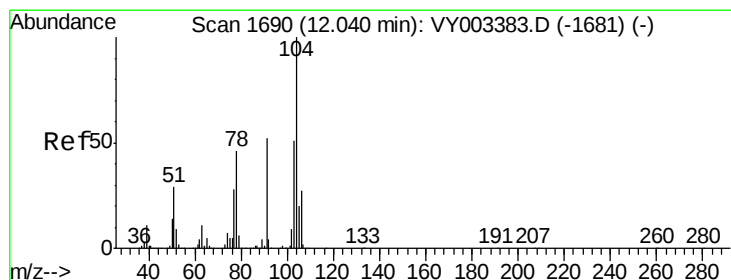
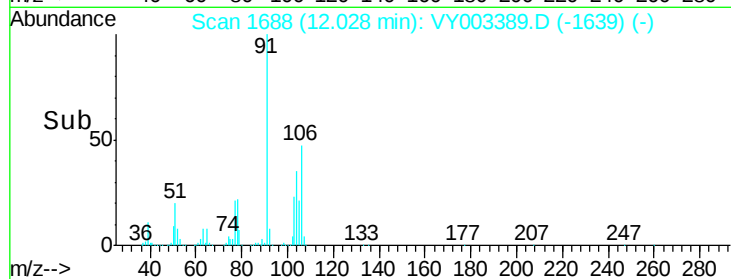
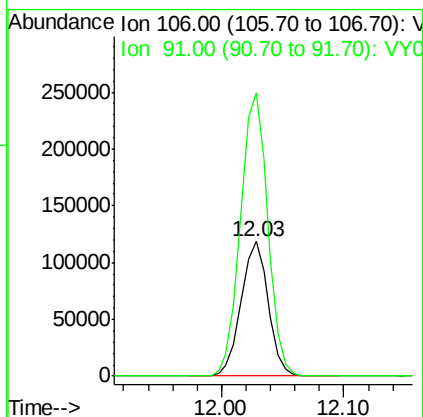
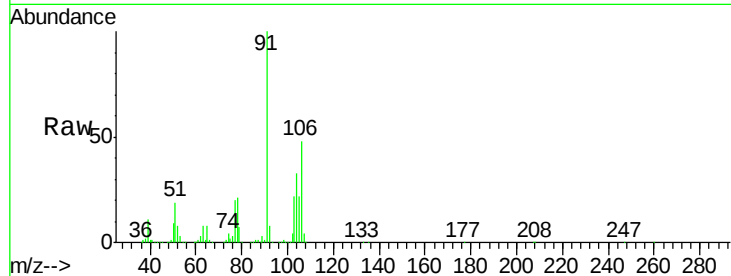




#69
o-Xylene
Concen: 20.317 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

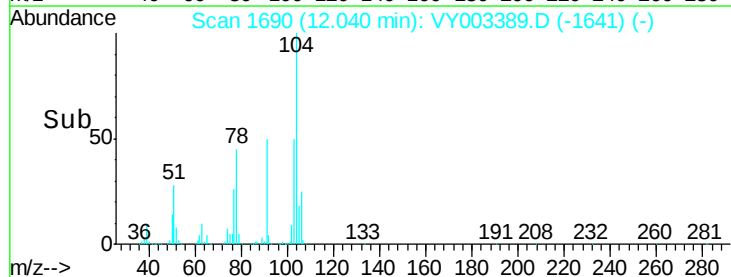
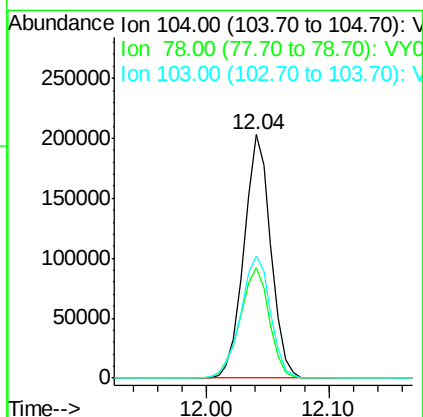
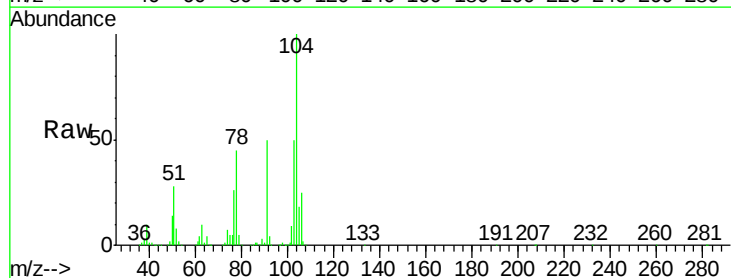
Instrument :
MSVOA_Y
ClientSampled :

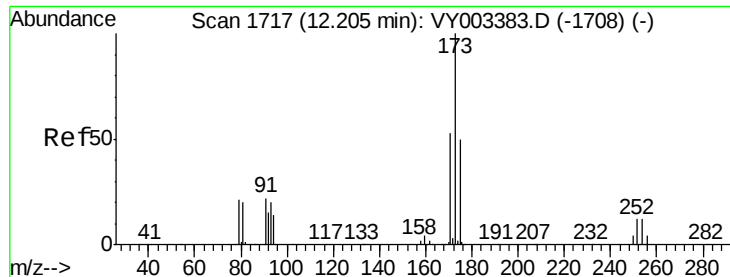
Tot Ion:106 Resp: 182395
Ion Ratio Lower Upper
106 100
91 211.2 104.6 313.7



#70
Styrene
Concen: 20.149 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion:104 Resp: 309503
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 55.4 43.7 65.5





#71

Bromoform

Concen: 20.087 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampled :

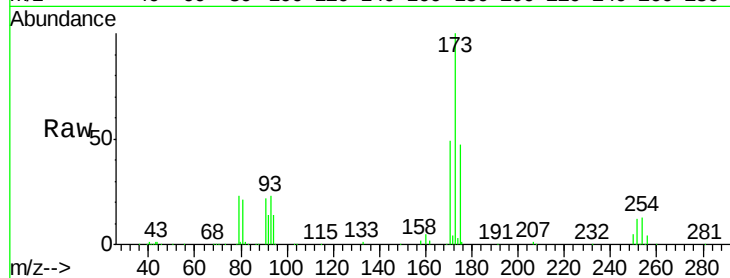
Tot Ion:173 Resp: 71628

Ion Ratio Lower Upper

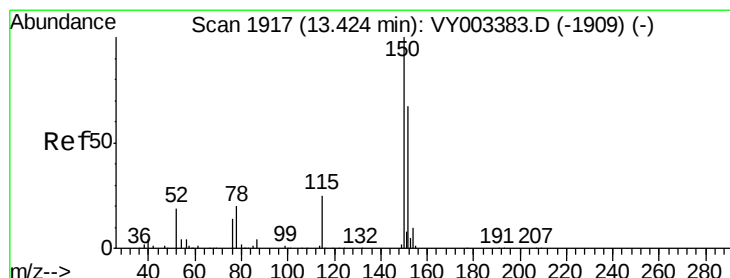
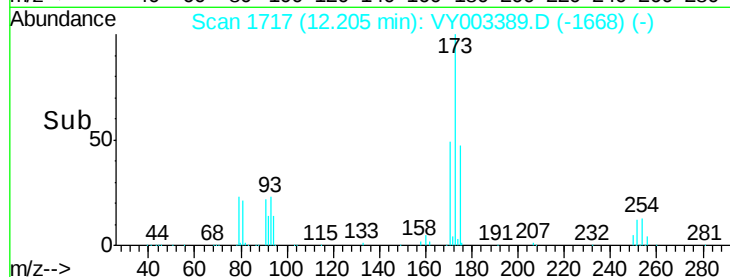
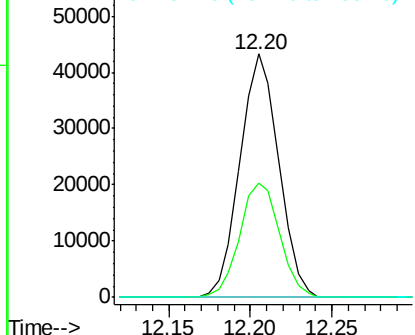
173 100

175 48.2 24.1 72.2

254 0.1 0.2 0.2#



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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

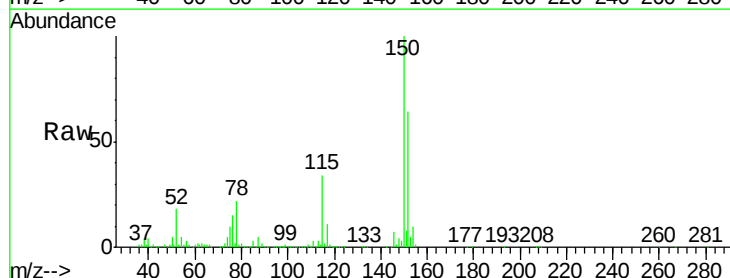
Tgt Ion:152 Resp: 383587

Ion Ratio Lower Upper

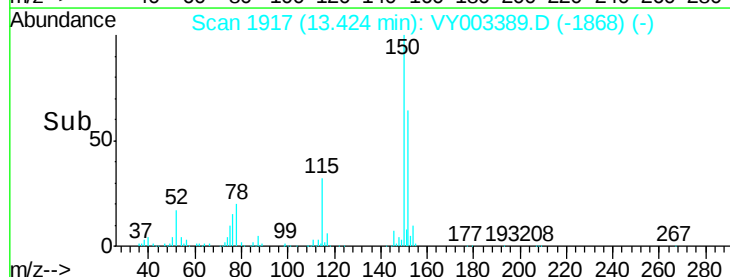
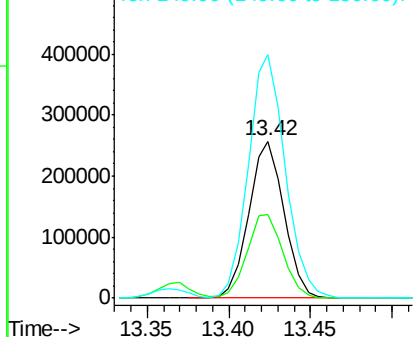
152 100

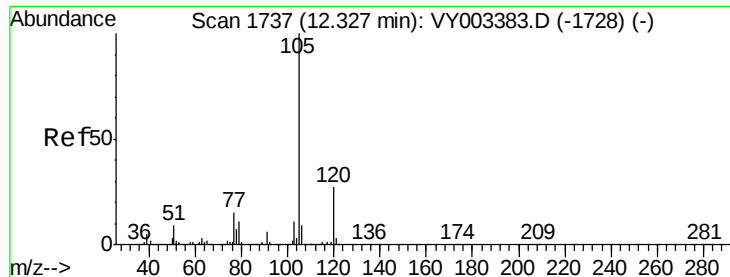
115 54.4 27.2 81.5

150 163.8 0.0 346.8



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: 19.970 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

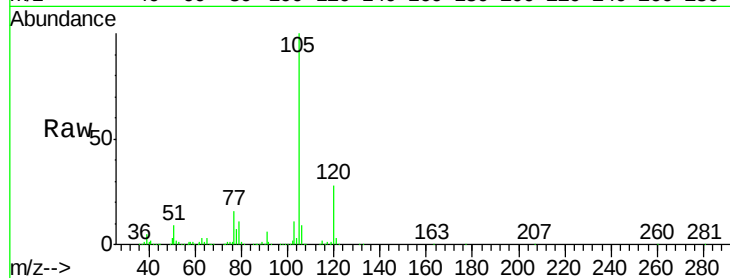
ClientSampleId :

Tot Ion:105 Resp: 495080

Ion Ratio Lower Upper

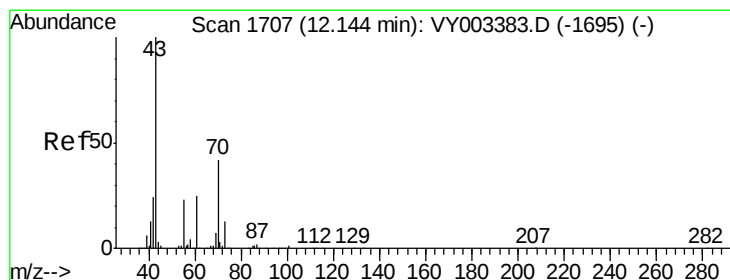
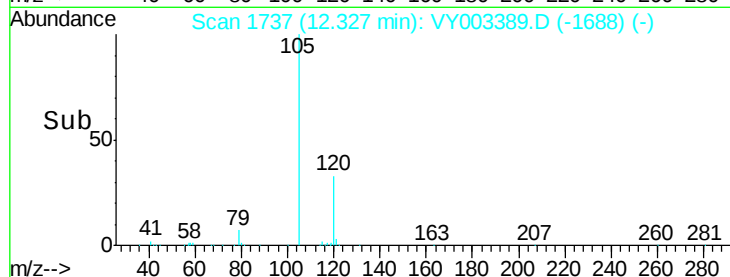
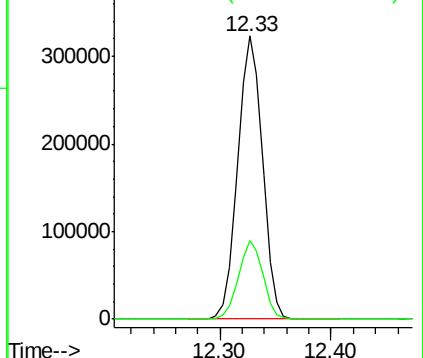
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.743 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Tgt Ion: 43 Resp: 144262

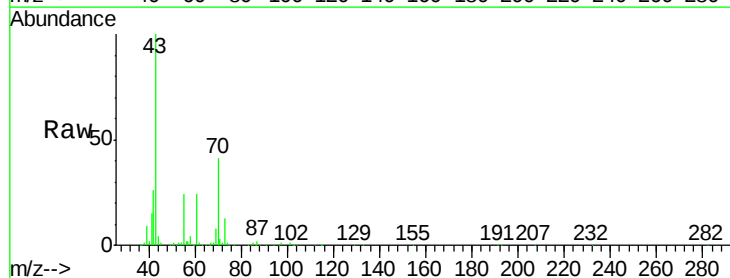
Ion Ratio Lower Upper

43 100

70 43.1 33.6 50.4

55 24.0 18.5 27.7

61 24.9 19.8 29.8

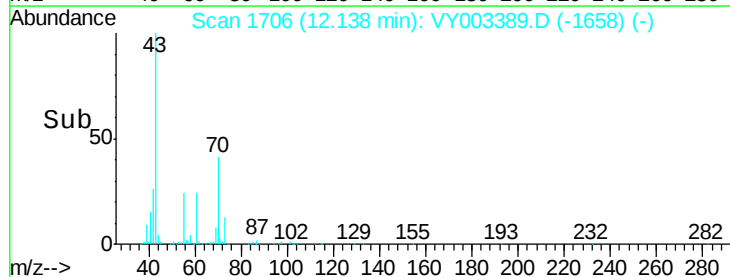
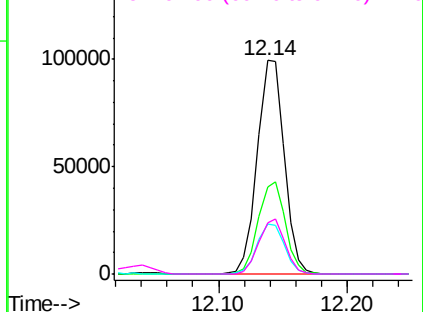


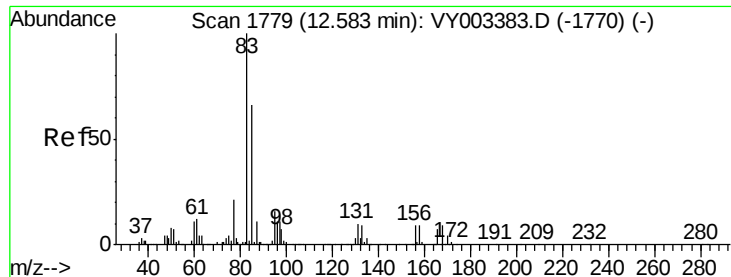
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.411 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

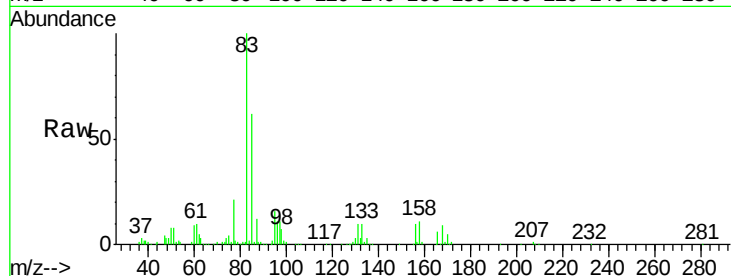
Tot Ion: 83 Resp: 100229

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

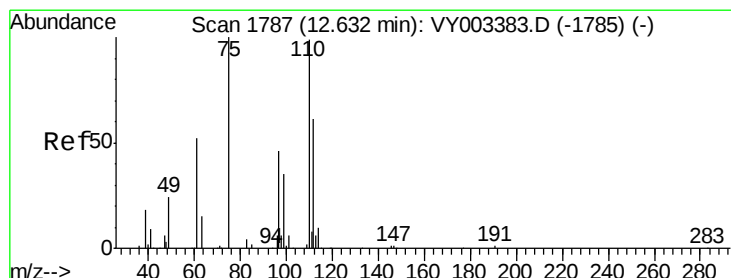
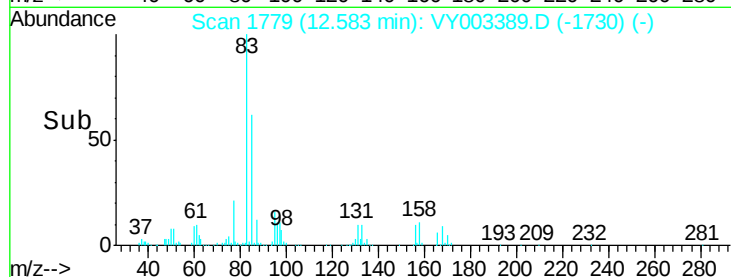
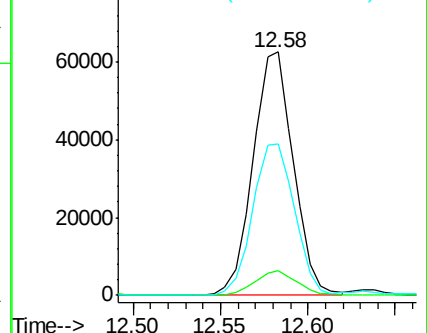
85 64.5 31.9 95.5



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: 39.241 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003389.D

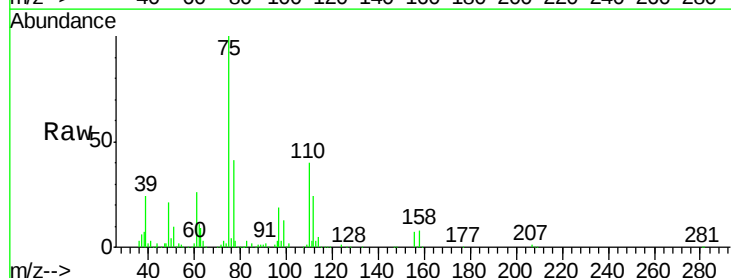
Acq: 31 Jul 2020 15:09

Tgt Ion: 75 Resp: 135223

Ion Ratio Lower Upper

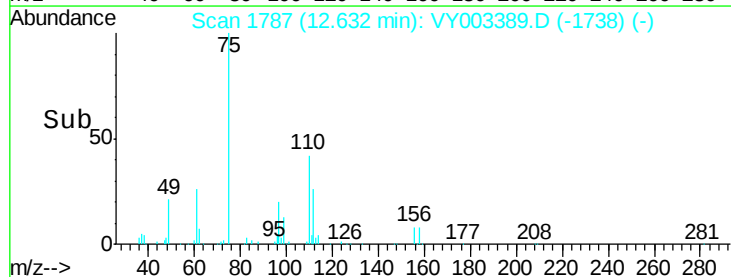
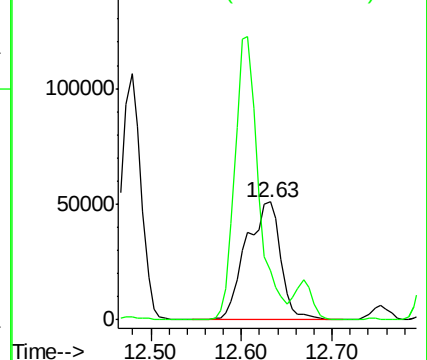
75 100

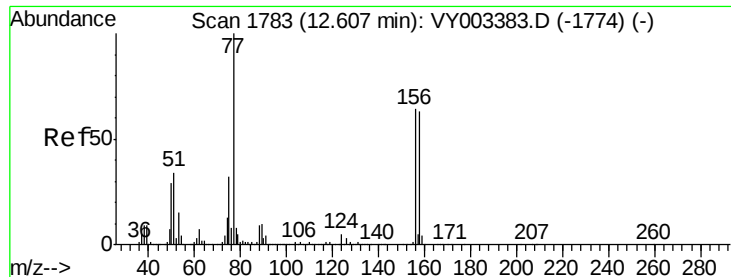
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.996 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

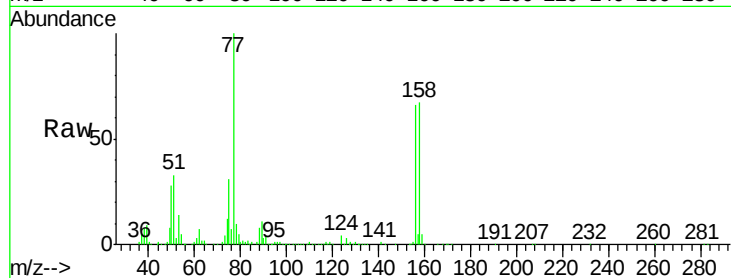
Tot Ion:156 Resp: 125956

Ion Ratio Lower Upper

156 100

77 177.4 87.5 262.5

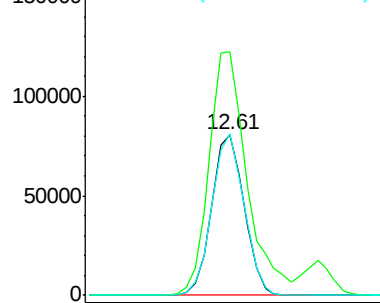
158 99.5 48.7 146.1



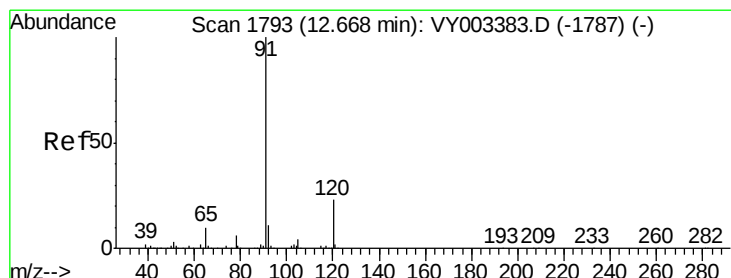
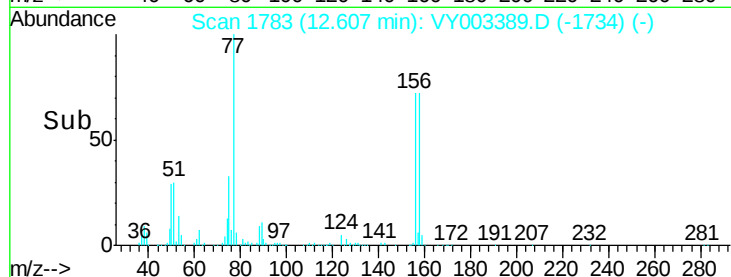
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.265 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003389.D

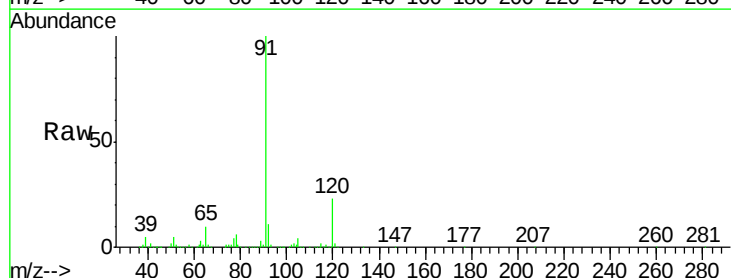
Acq: 31 Jul 2020 15:09

Tgt Ion: 91 Resp: 601291

Ion Ratio Lower Upper

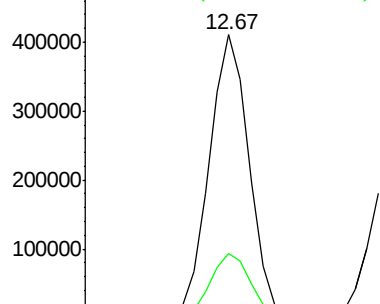
91 100

120 22.9 11.6 34.8

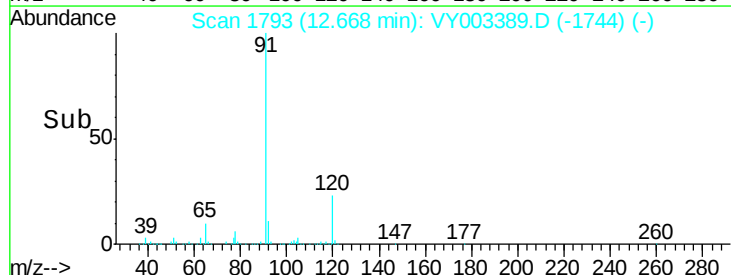


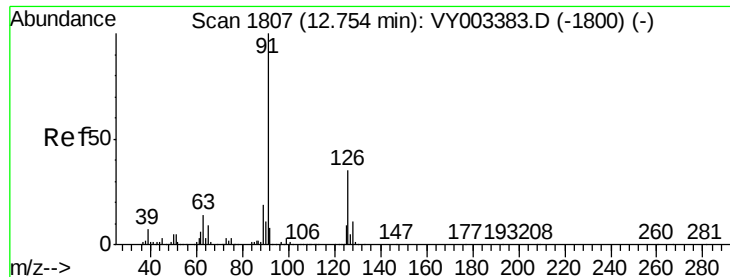
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->

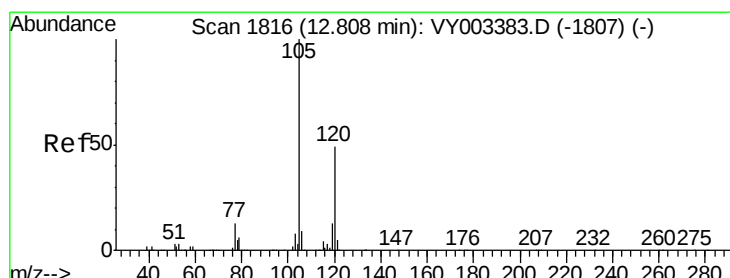
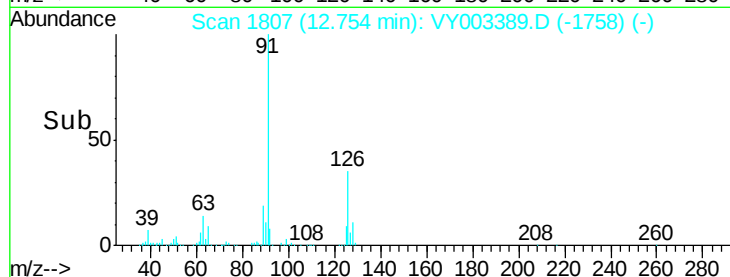
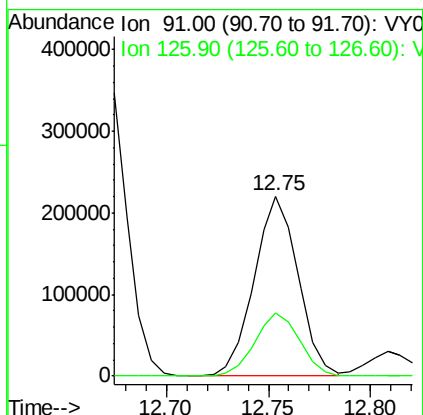
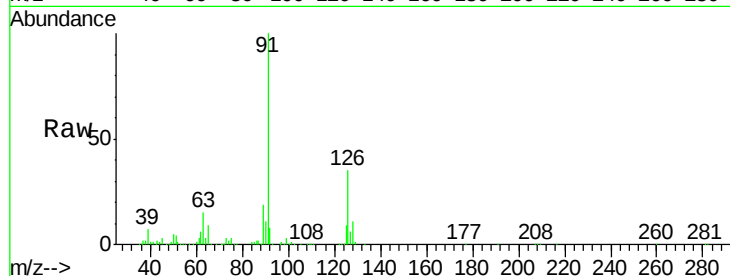




#79
2-Chlorotoluene
Concen: 20.056 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

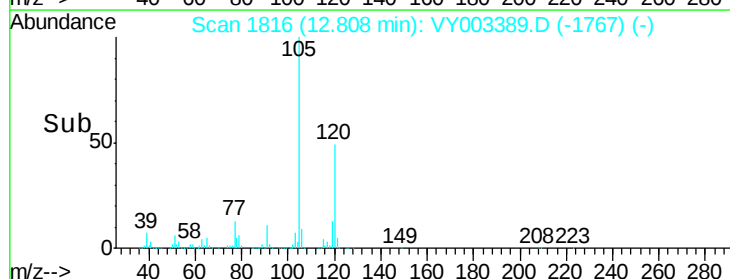
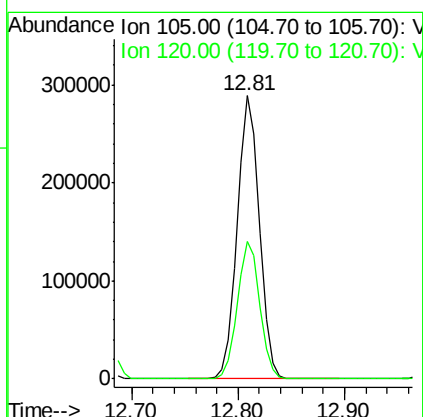
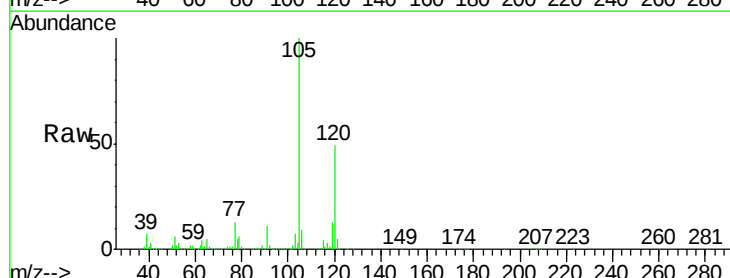
Instrument :
MSVOA_Y
ClientSampled :

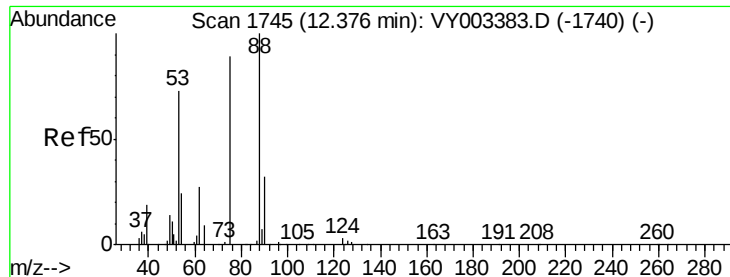
Tot Ion: 91 Resp: 330174
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 20.280 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion: 105 Resp: 422118
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.185 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

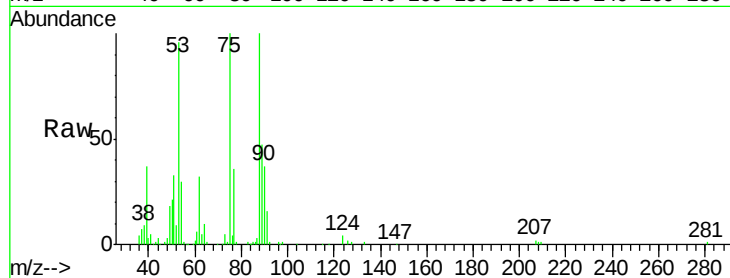
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 36779

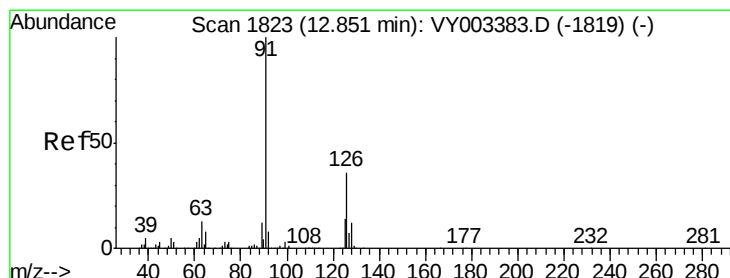
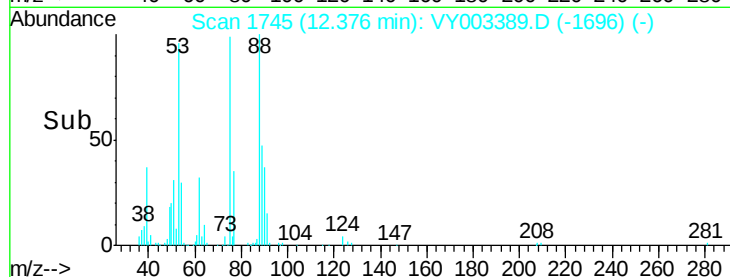
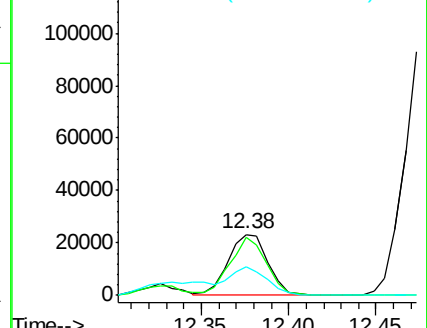
Ion	Ratio	Lower	Upper
75	100		
53	85.9	69.5	104.3
89	43.5	33.8	50.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.461 ug/l

RT: 12.85 min Scan# 1823

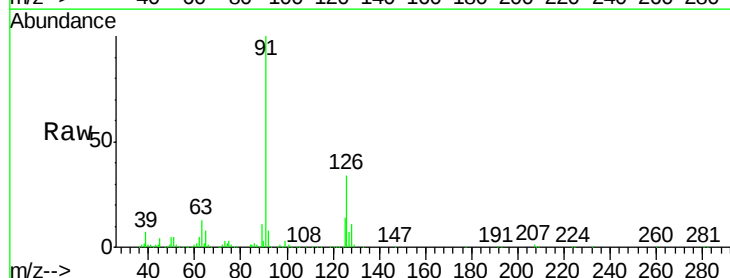
Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

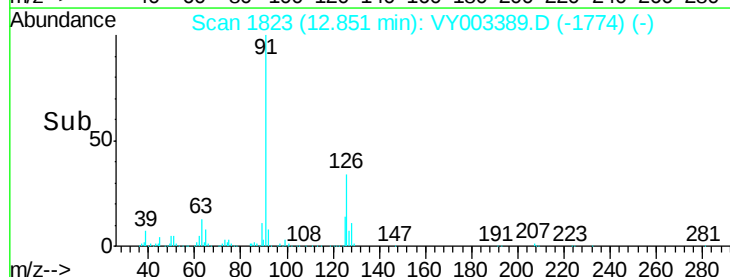
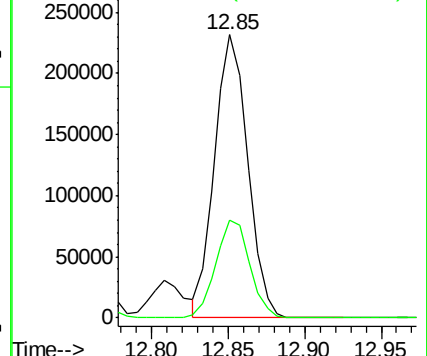
Tgt Ion: 91 Resp: 350032

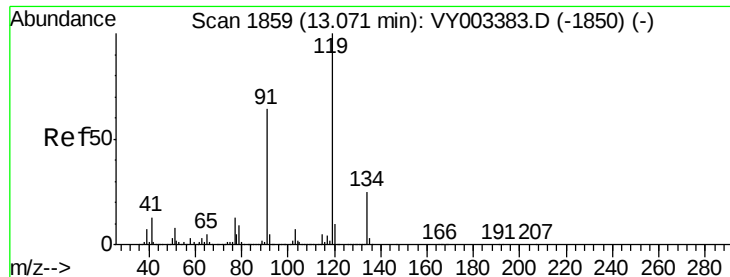
Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.128 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

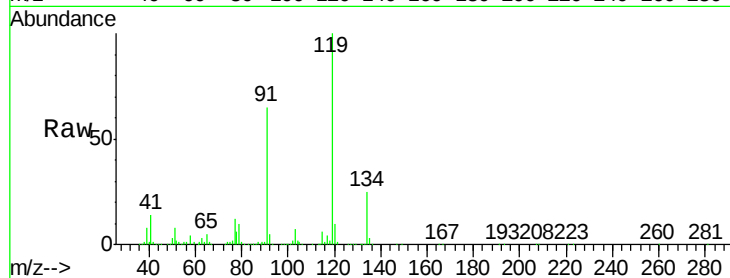
Tot Ion:119 Resp: 363720

Ion Ratio Lower Upper

119 100

91 63.8 31.8 95.3

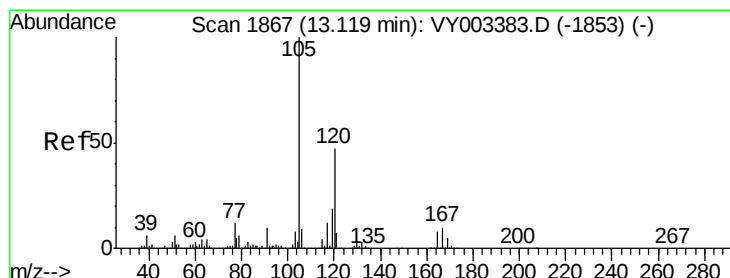
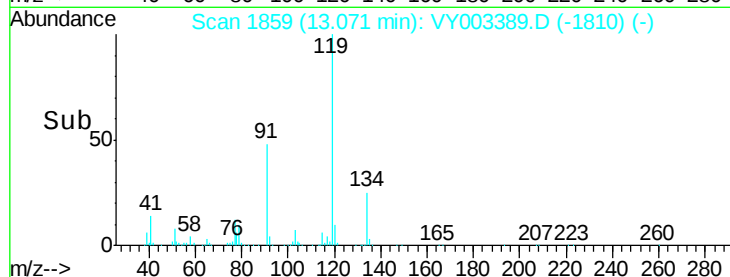
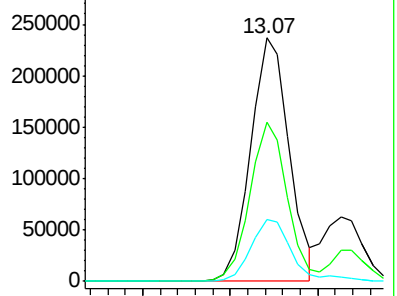
134 27.4 13.6 40.8



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: 20.305 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003389.D

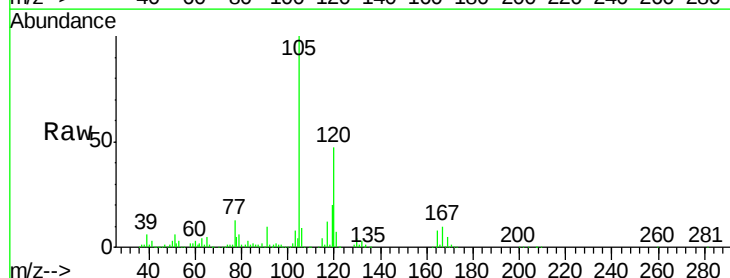
Acq: 31 Jul 2020 15:09

Tgt Ion:105 Resp: 424800

Ion Ratio Lower Upper

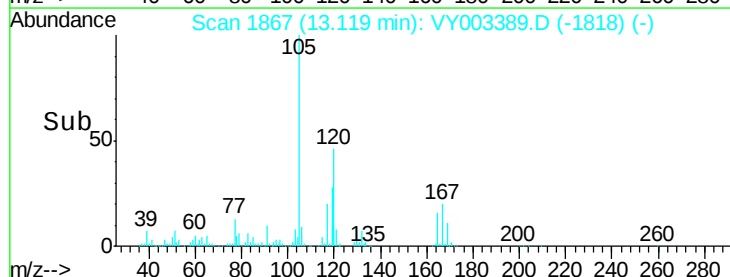
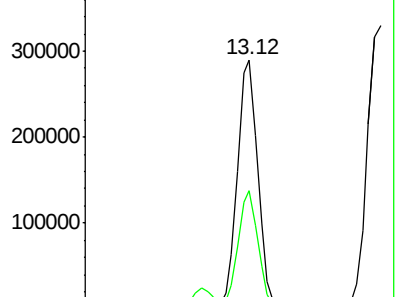
105 100

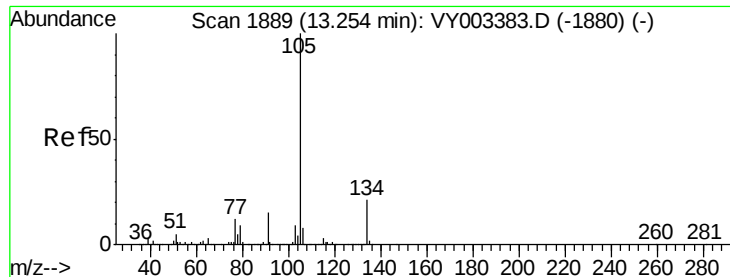
120 46.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.171 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

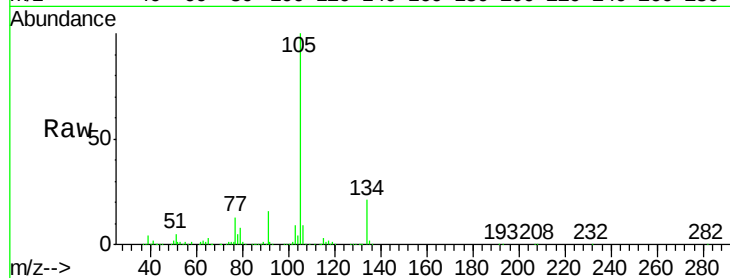
ClientSampleId :

Tot Ion:105 Resp: 507026

Ion Ratio Lower Upper

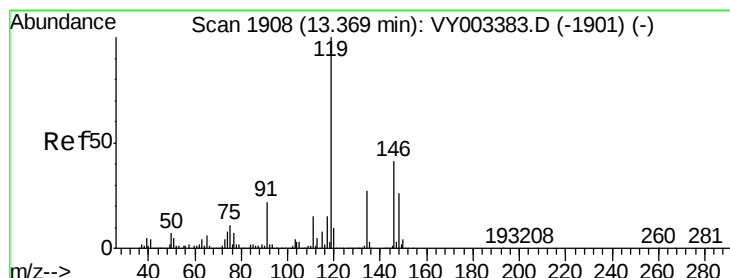
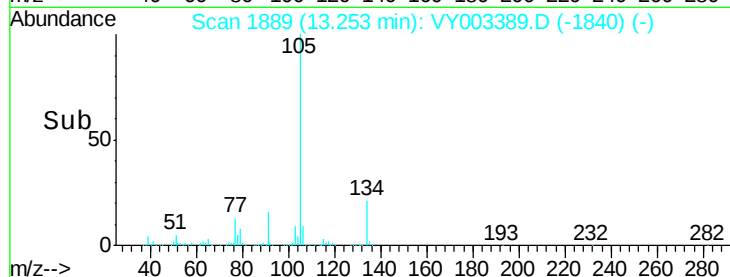
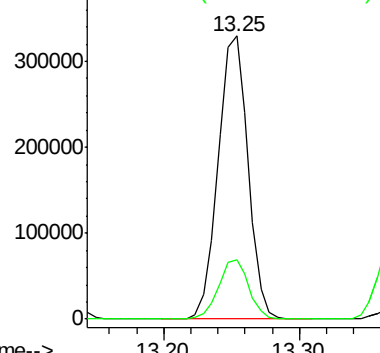
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.266 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

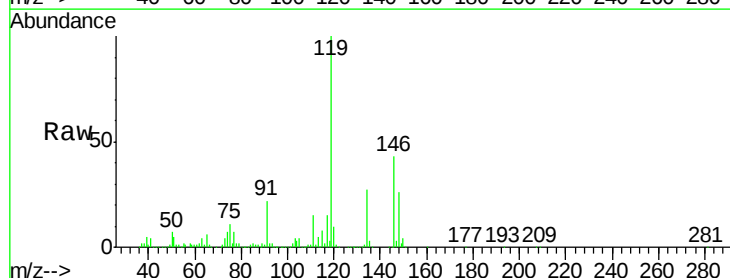
Tgt Ion:119 Resp: 476457

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

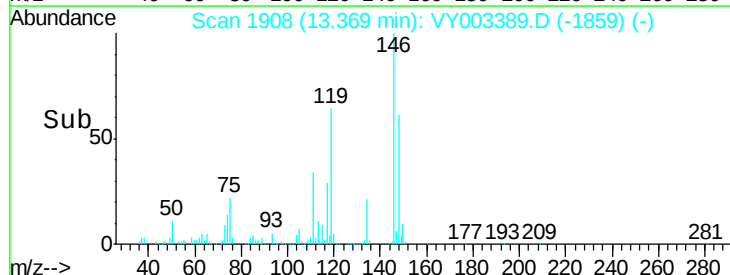
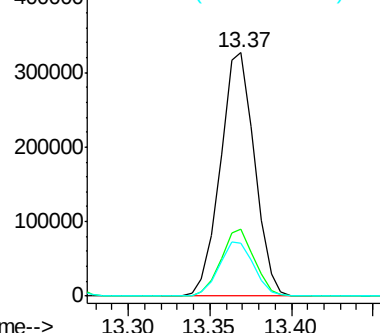
91 22.6 11.4 34.1

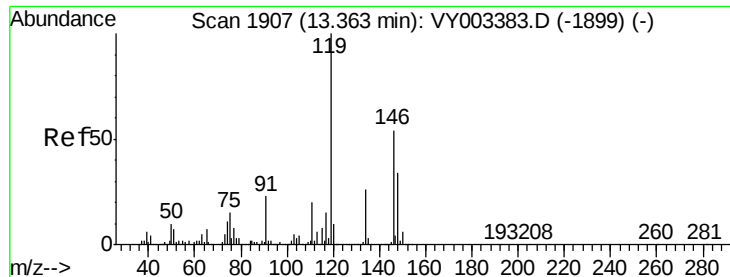


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

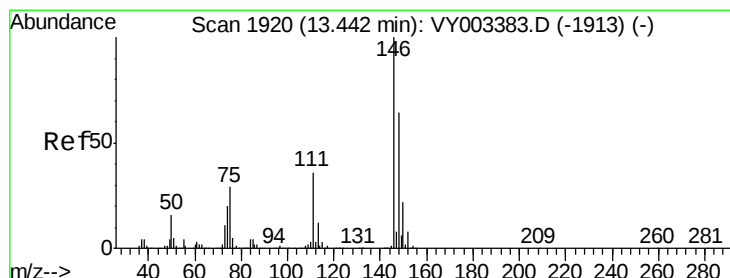
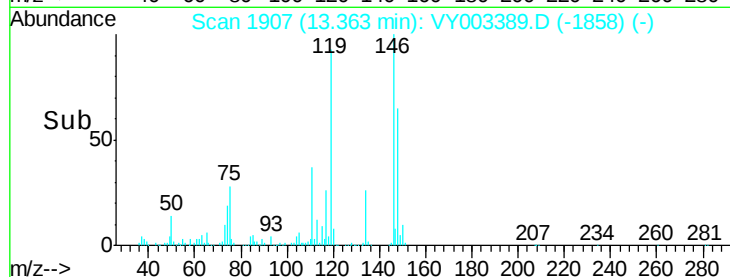
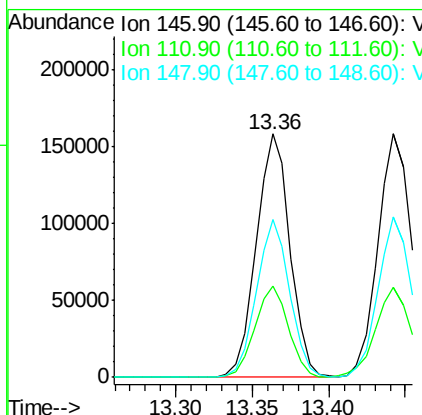
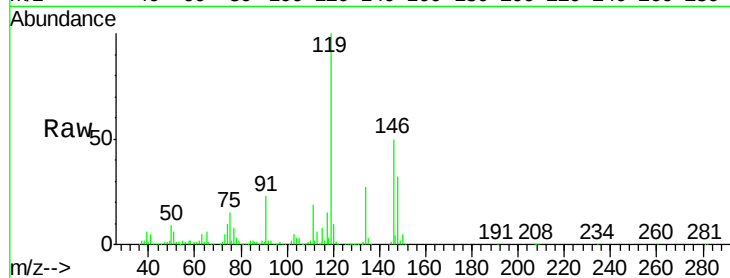




#87
 1,3-Dichlorobenzene
 Concen: 20.156 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

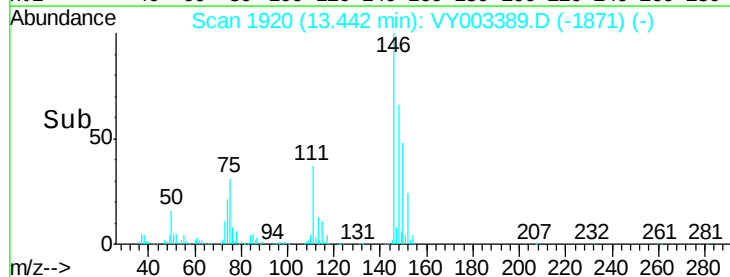
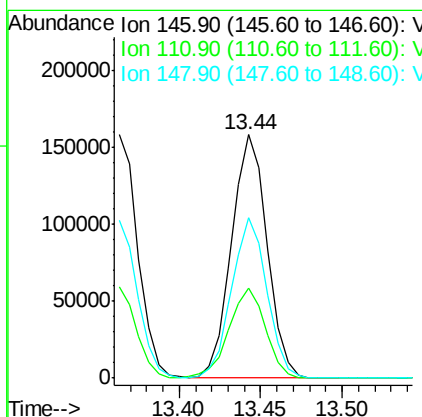
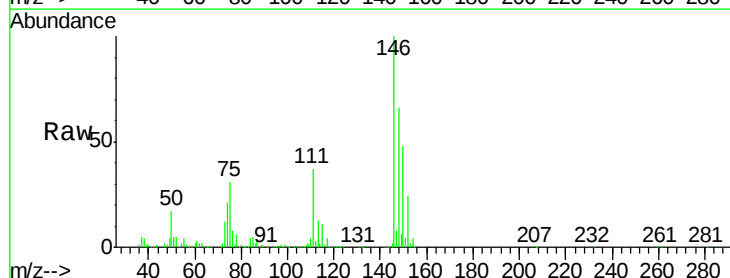
Instrument :
 MSVOA_Y
 ClientSampleId :

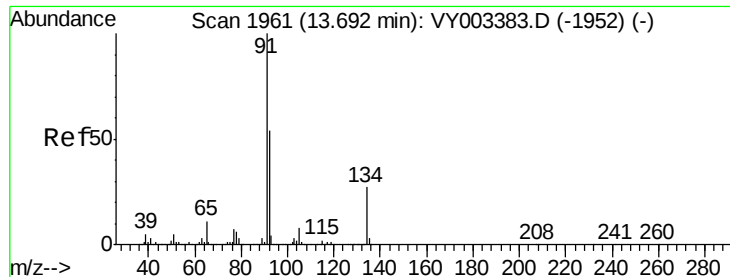
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.4
148	63.9	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.299 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.3
148	65.5	32.1	96.3





#89

n-Butylbenzene

Concen: 20.730 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003389.D

Acq: 31 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

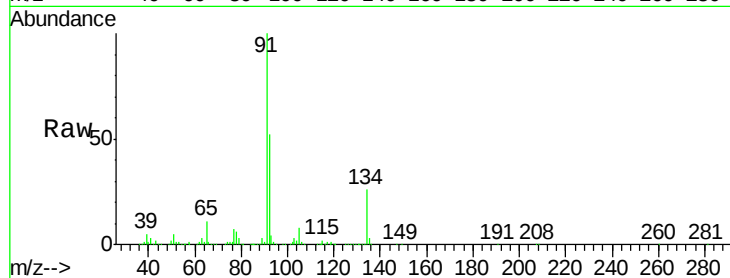
Tot Ion: 91 Resp: 460567

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.6

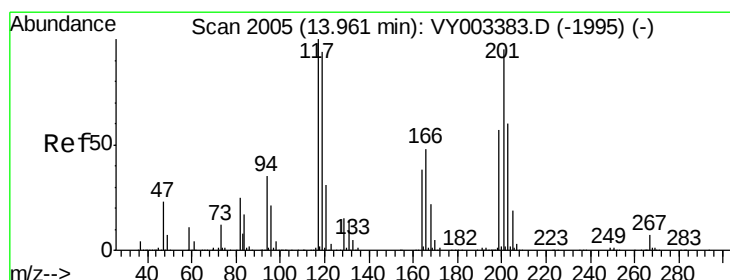
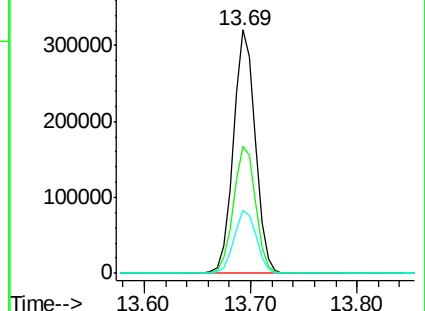
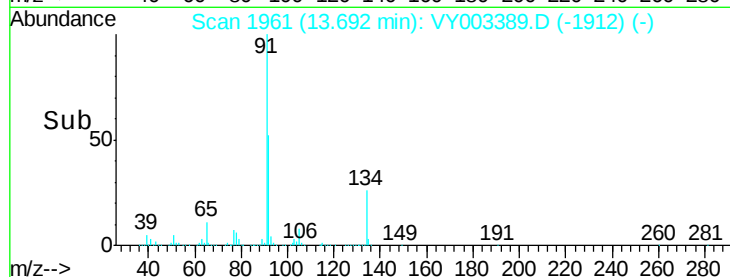
134 26.5 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VY003389.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VY003389.D (-1952) (-)

Ion 134.00 (133.70 to 134.70): VY003389.D (-1952) (-)



#90

Hexachloroethane

Concen: 20.314 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003389.D

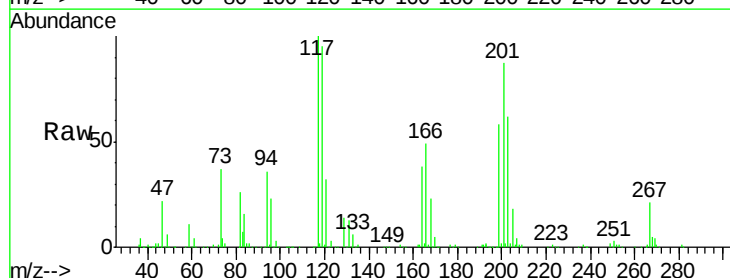
Acq: 31 Jul 2020 15:09

Tgt Ion: 117 Resp: 91487

Ion Ratio Lower Upper

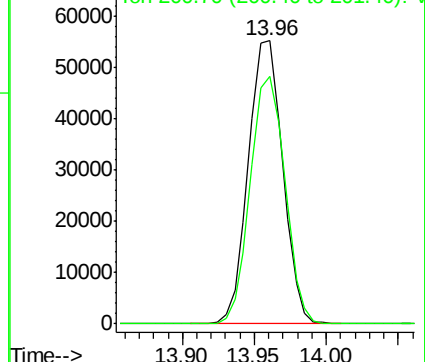
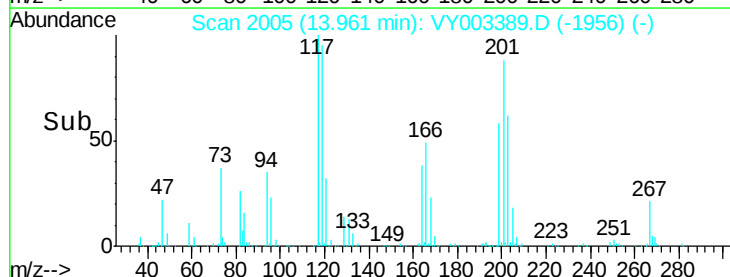
117 100

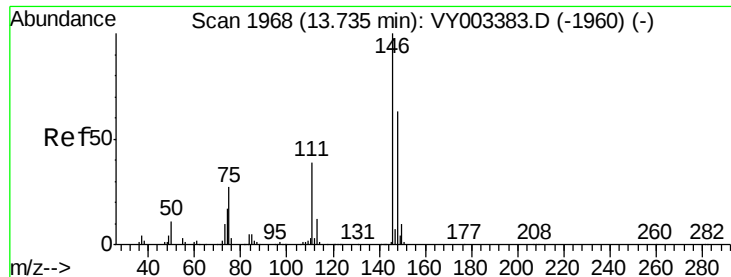
201 88.0 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): VY003389.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003389.D (-1995) (-)

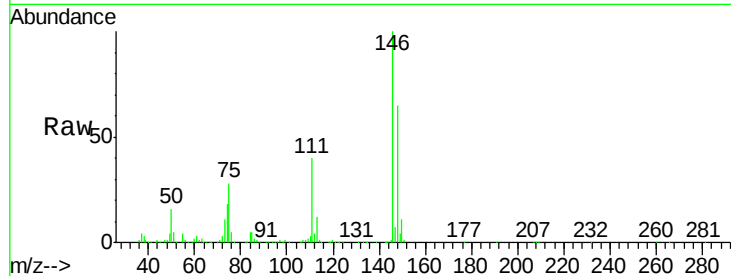




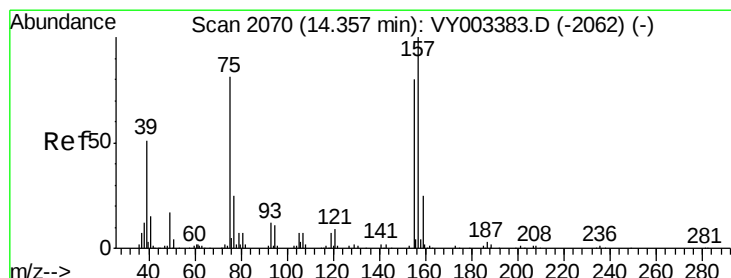
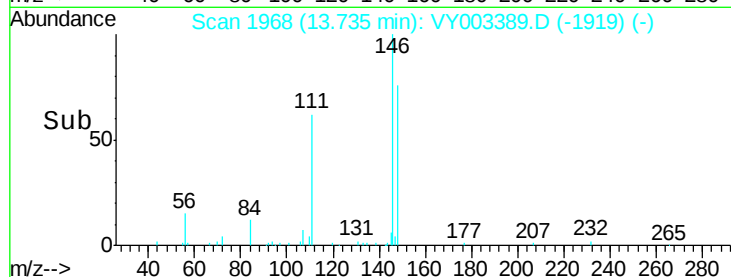
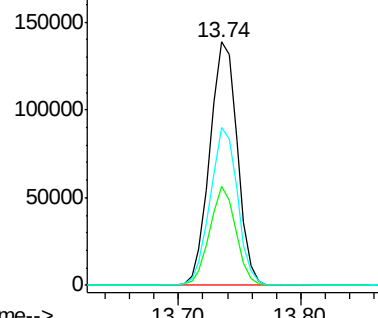
#91
 1,2-Dichlorobenzene
 Concen: 20.318 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	64.5	32.1	96.5

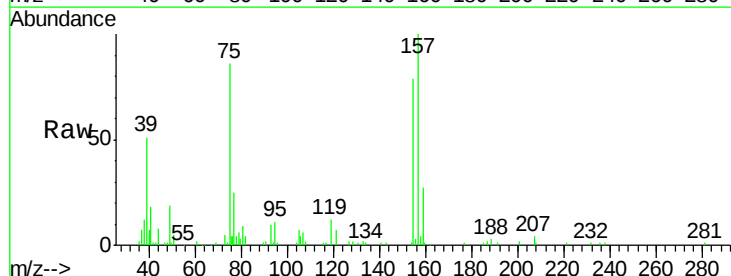


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

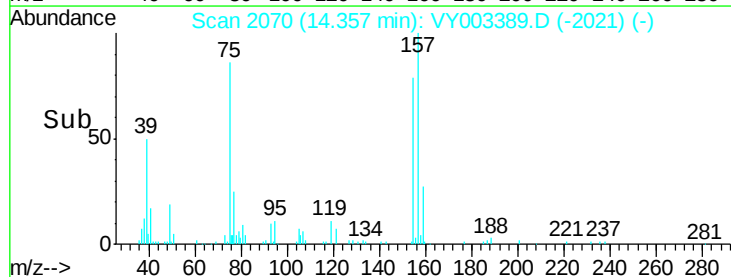
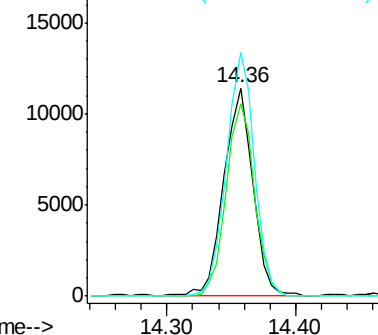


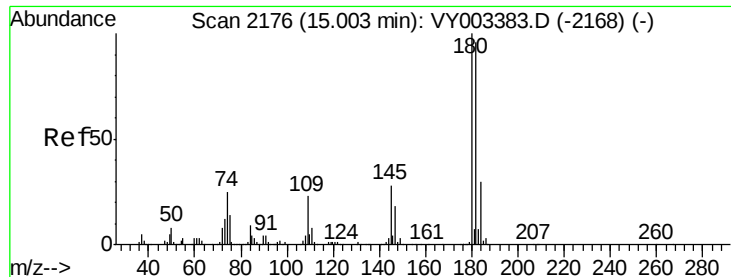
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.356 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	48.8	146.4
157	112.9	60.9	182.6



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

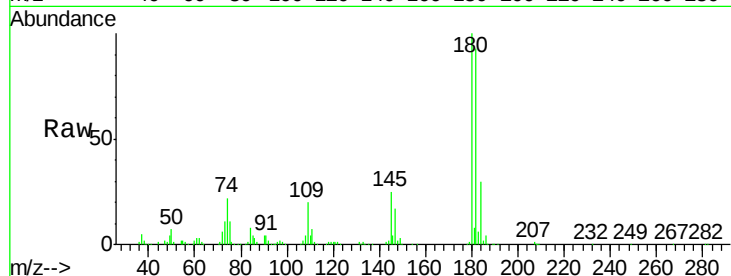




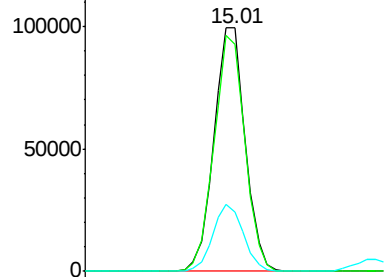
#93
 1,2,4-Trichlorobenzene
 Concen: 21.155 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampled :

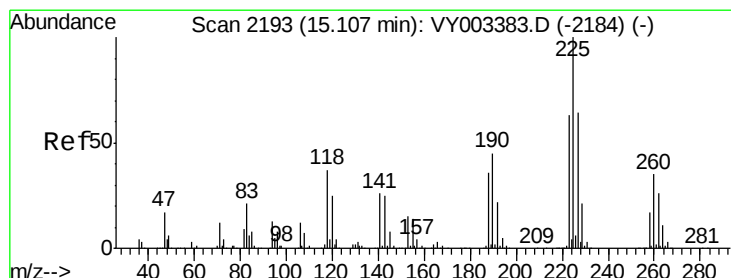
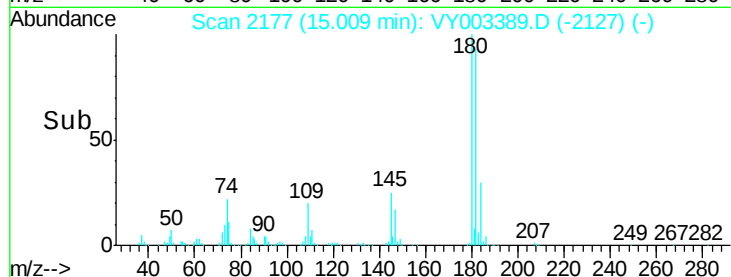
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.2	144.6
145	27.1	13.8	41.3



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

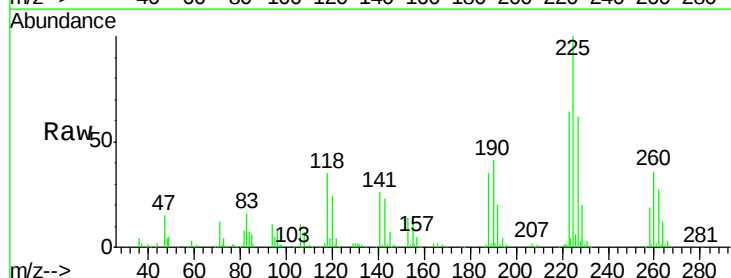


Time--> 14.90 15.00 15.10

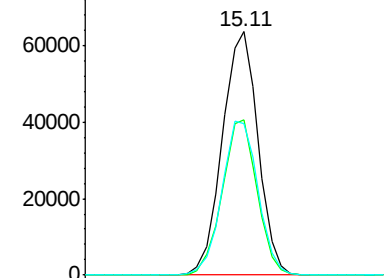


#94
 Hexachlorobutadiene
 Concen: 20.733 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003389.D
 Acq: 31 Jul 2020 15:09

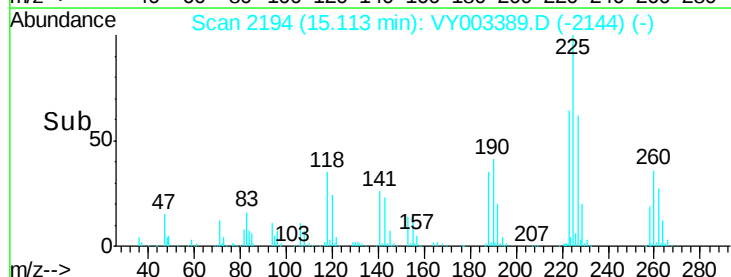
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.6	94.8
227	63.9	32.0	96.2

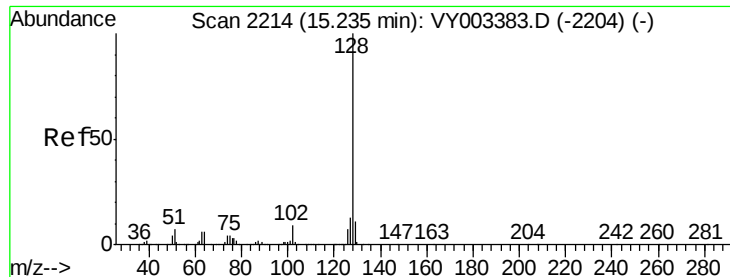


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 15.05 15.10 15.15

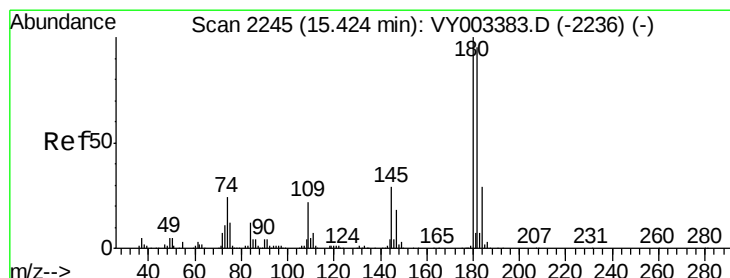
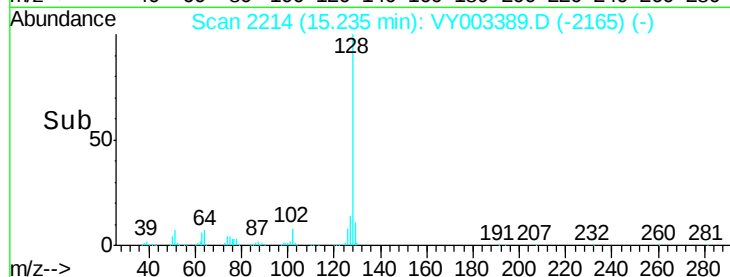
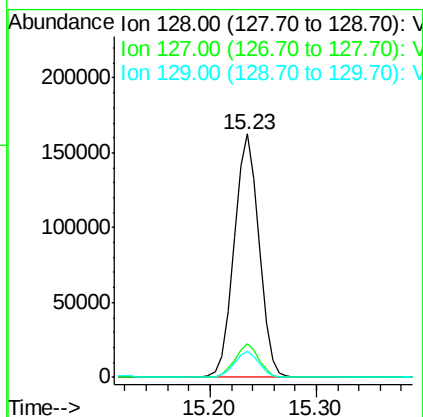
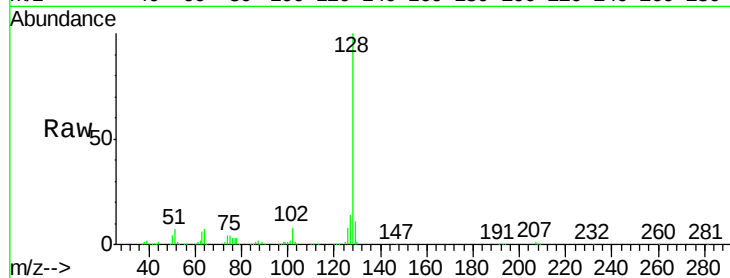




#95
Naphthalene
Concen: 20.909 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 266592
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.135 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003389.D
Acq: 31 Jul 2020 15:09

Tgt Ion:180 Resp: 128700
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 29.0 14.5 43.5

