

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003563.D
 Acq On : 20 Nov 2020 12:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	167495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	248773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	107799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	84368	48.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.02%
35) Dibromofluoromethane	7.72	113	80033	48.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.88%
50) Toluene-d8	10.18	98	306130	48.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.28%
62) 4-Bromofluorobenzene	12.48	95	100907	50.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	27156	55.013	ug/l	90
3) Chloromethane	2.12	50	54919	47.265	ug/l	99
4) Vinyl Chloride	2.26	62	75528	50.246	ug/l	95
5) Bromomethane	2.66	94	57988	46.119	ug/l	96
6) Chloroethane	2.80	64	51109	48.484	ug/l	95
7) Trichlorofluoromethane	3.13	101	66925	50.472	ug/l	96
8) Diethyl Ether	3.53	74	45233	47.030	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	73895	48.550	ug/l	99
10) Methyl Iodide	4.10	142	122307	47.323	ug/l	100
11) Tert butyl alcohol	5.01	59	33093	251.761	ug/l #	100
12) 1,1-Dichloroethene	3.88	96	80351	48.722	ug/l	91
13) Acrolein	3.74	56	41726	251.456	ug/l	97
14) Allyl chloride	4.49	41	134922	48.803	ug/l	99
15) Acrylonitrile	5.18	53	111934	247.369	ug/l	99
16) Acetone	3.97	43	139625	240.448	ug/l	98
17) Carbon Disulfide	4.20	76	220247	46.393	ug/l	99
18) Methyl Acetate	4.49	43	60394	47.809	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	120960	49.415	ug/l	99
20) Methylene Chloride	4.72	84	94131	51.897	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	89617	48.601	ug/l	93
22) Diisopropyl ether	6.13	45	236795	49.970	ug/l	99
23) Vinyl Acetate	6.07	43	949264	257.714	ug/l	99
24) 1,1-Dichloroethane	6.03	63	153678	48.723	ug/l	99
25) 2-Butanone	7.00	43	179778	238.593	ug/l	97
26) 2,2-Dichloropropane	6.99	77	97448	47.246	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	98636	49.341	ug/l	98
28) Bromochloromethane	7.34	49	78895	51.098	ug/l	98
29) Tetrahydrofuran	7.36	42	99075	250.991	ug/l	99
30) Chloroform	7.51	83	151070	47.996	ug/l	94
31) Cyclohexane	7.79	56	116918	46.502	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	118861	48.869	ug/l	99
36) 1,1-Dichloropropene	7.92	75	118775	48.496	ug/l	100
37) Ethyl Acetate	7.08	43	76705	51.972	ug/l	100
38) Carbon Tetrachloride	7.91	117	112025	49.377	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	125514	50.428	ug/l	98
40) Benzene	8.16	78	348869	48.052	ug/l	98
41) Methacrylonitrile	7.33	41	43068	49.357	ug/l #	92
42) 1,2-Dichloroethane	8.24	62	100017	48.426	ug/l	99
43) Isopropyl Acetate	8.28	43	133544	49.278	ug/l	98
44) Trichloroethene	8.94	130	95880	48.466	ug/l	97
45) 1,2-Dichloropropane	9.22	63	88412	49.126	ug/l	97
46) Dibromomethane	9.31	93	49106	47.913	ug/l	99
47) Bromodichloromethane	9.50	83	116534	47.870	ug/l	98
48) Methyl methacrylate	9.29	41	64150	49.451	ug/l	99
49) 1,4-Dioxane	9.33	88	11874	1011.143	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	332255	255.812	ug/l	99
52) Toluene	10.24	92	215892	48.566	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	128496	50.432	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	145917	50.317	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	69372	47.721	ug/l	95
56) Ethyl methacrylate	10.51	69	91509	51.800	ug/l	99
57) 1,3-Dichloropropane	10.79	76	120684	49.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	226578	249.924	ug/l	99
59) 2-Hexanone	10.83	43	272439	254.450	ug/l	99
60) Dibromochloromethane	10.99	129	86839	49.406	ug/l	97
61) 1,2-Dibromoethane	11.09	107	68855	49.151	ug/l	98
64) Tetrachloroethene	10.72	164	78120	47.022	ug/l	94
65) Chlorobenzene	11.52	112	232219	48.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	67169	48.646	ug/l	100
67) Ethyl Benzene	11.59	91	388645	49.289	ug/l	100
68) m/p-Xylenes	11.70	106	298168	98.753	ug/l	99
69) o-Xylene	12.03	106	117348	48.588	ug/l	99
70) Styrene	12.04	104	244859	50.303	ug/l	99
71) Bromoform	12.20	173	54664	49.024	ug/l #	99
73) Isopropylbenzene	12.33	105	258326	48.109	ug/l	100
74) N-amyl acetate	12.14	43	109761	51.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	73207	48.995	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	104864	100.339	ug/l #	100
77) Bromobenzene	12.61	156	97516	49.361	ug/l	98
78) n-propylbenzene	12.67	91	372213	49.341	ug/l	99
79) 2-Chlorotoluene	12.75	91	213099	48.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	194767	48.260	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	32612	49.606	ug/l	97
82) 4-Chlorotoluene	12.85	91	268174	50.267	ug/l	100
83) tert-Butylbenzene	13.07	119	199603	48.861	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	214709	49.966	ug/l	98
85) sec-Butylbenzene	13.25	105	220654	47.719	ug/l	99
86) p-Isopropyltoluene	13.36	119	201147	48.481	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	176445	49.065	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	180631	49.014	ug/l	99
89) n-Butylbenzene	13.69	91	223206	50.278	ug/l	99
90) Hexachloroethane	13.95	117	54764	49.919	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	138227	48.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9511	48.871	ug/l	97

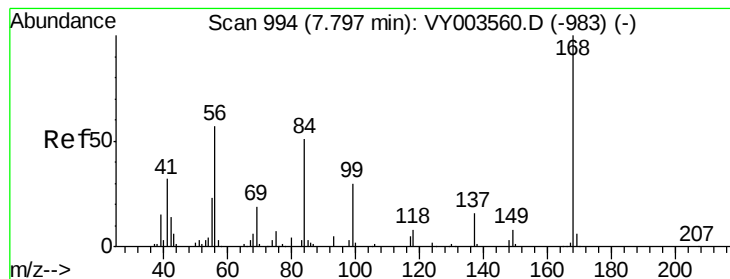
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	78823	48.964	ug/l	98
94) Hexachlorobutadiene	15.11	225	43709	49.058	ug/l	98
95) Naphthalene	15.23	128	141034	51.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	58358	49.314	ug/l	98

(#) = 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: VY003563.D

Acq: 20 Nov 2020 12:44

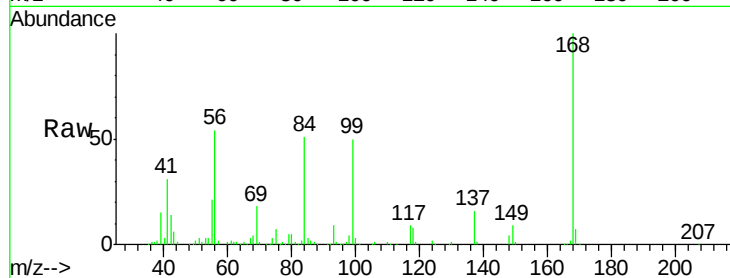
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 167495

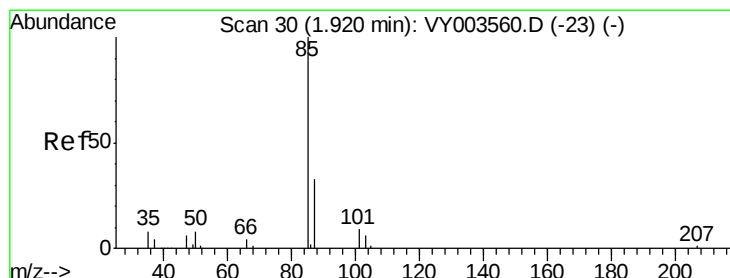
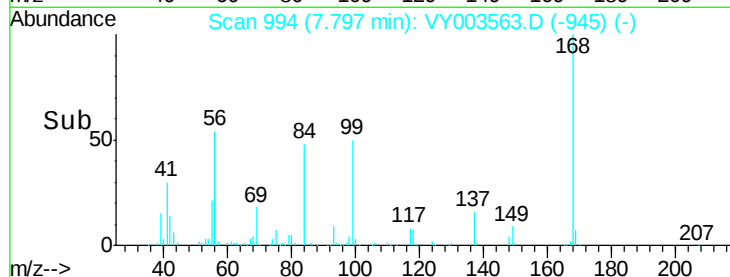
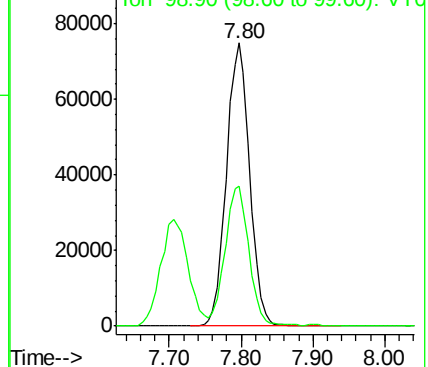
Ion Ratio Lower Upper

168 100

99 49.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003563.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 55.013 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY003563.D

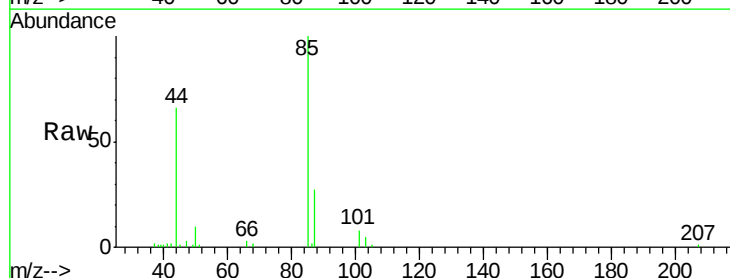
Acq: 20 Nov 2020 12:44

Tgt Ion: 85 Resp: 27156

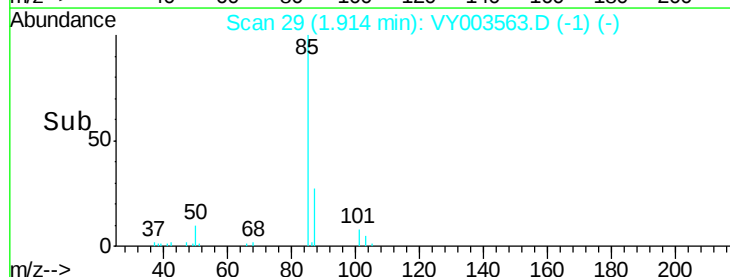
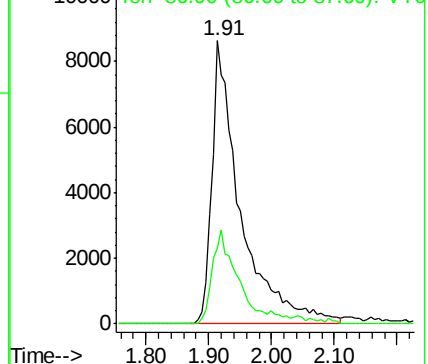
Ion Ratio Lower Upper

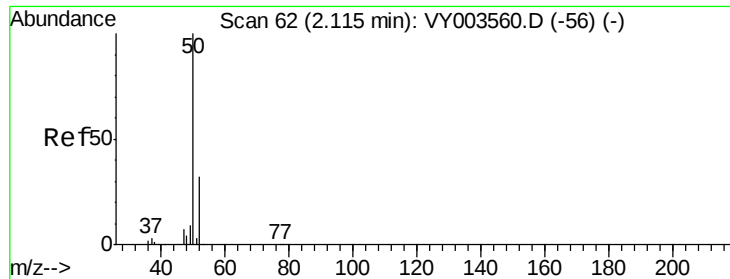
85 100

87 27.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003563.D (-1) (-)





#3

Chloromethane

Concen: 47.265 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

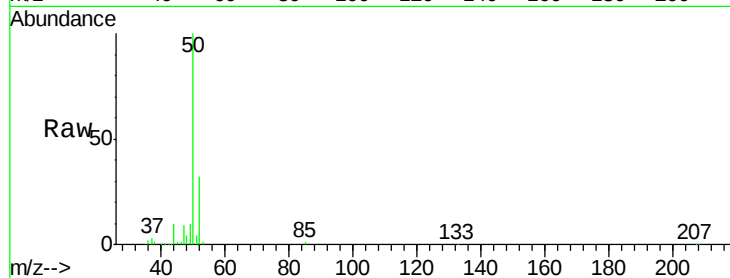
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 54919

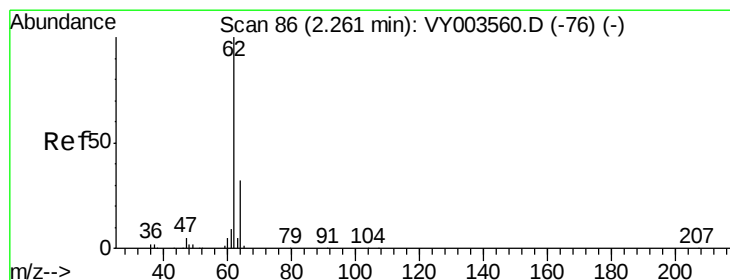
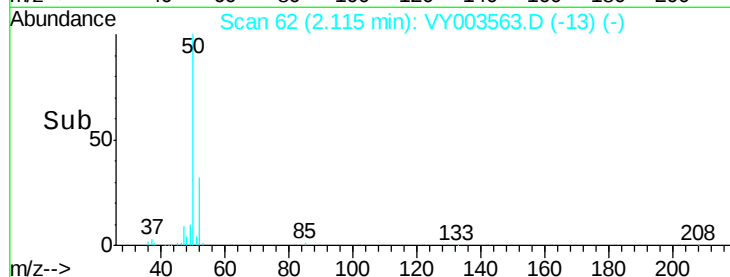
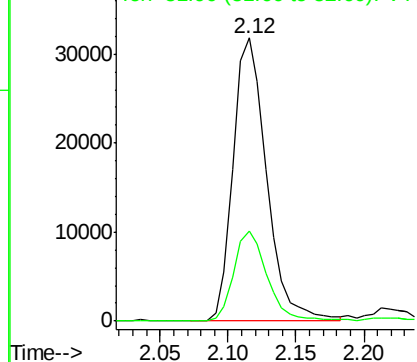
Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.246 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003563.D

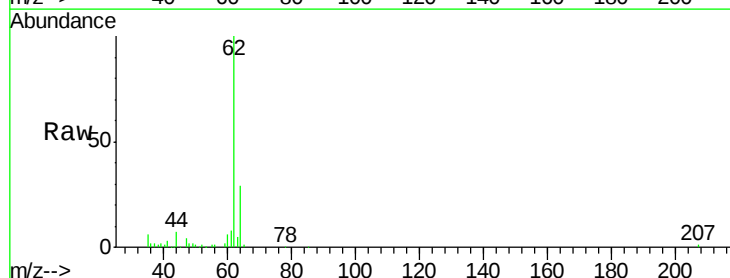
Acq: 20 Nov 2020 12:44

Tgt Ion: 62 Resp: 75528

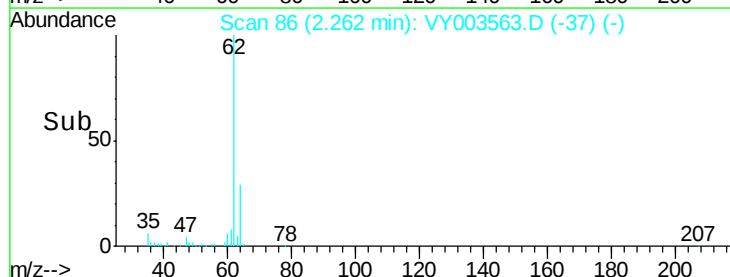
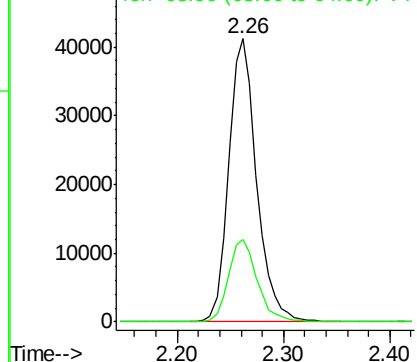
Ion Ratio Lower Upper

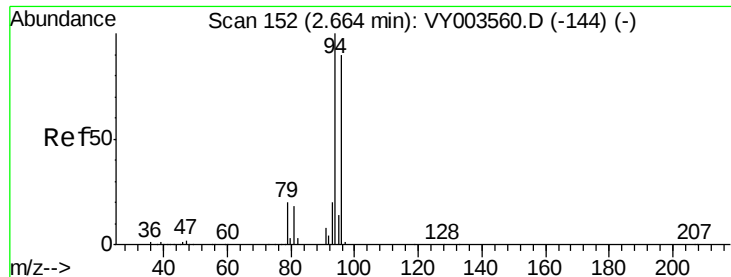
62 100

64 29.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.119 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

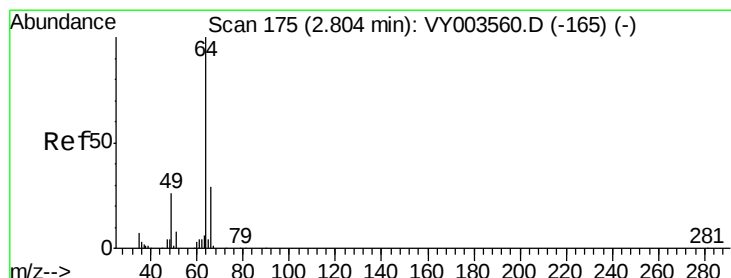
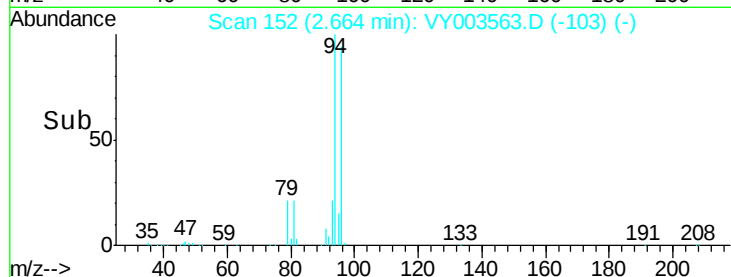
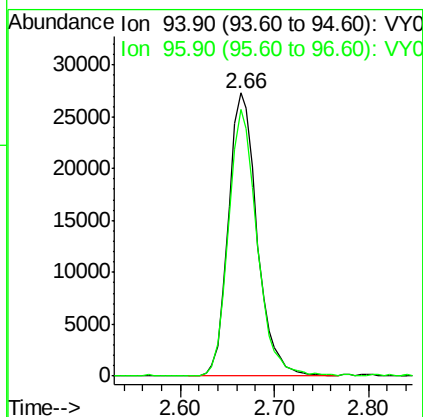
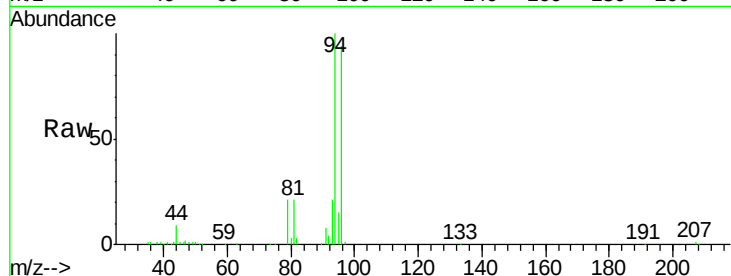
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 57988

Ion Ratio Lower Upper

94 100

96 93.7 71.9 107.9



#6

Chloroethane

Concen: 48.484 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY003563.D

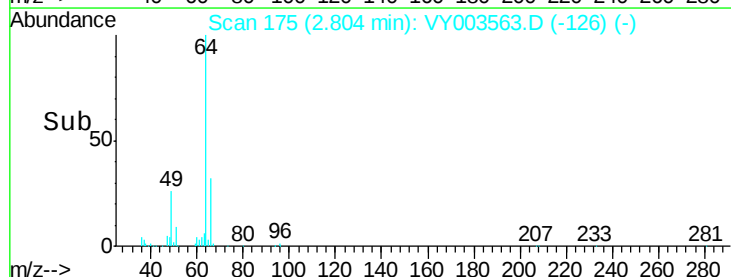
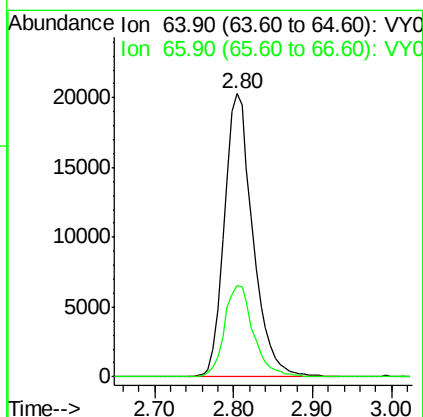
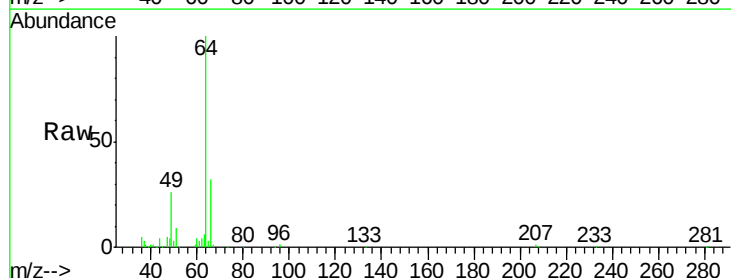
Acq: 20 Nov 2020 12:44

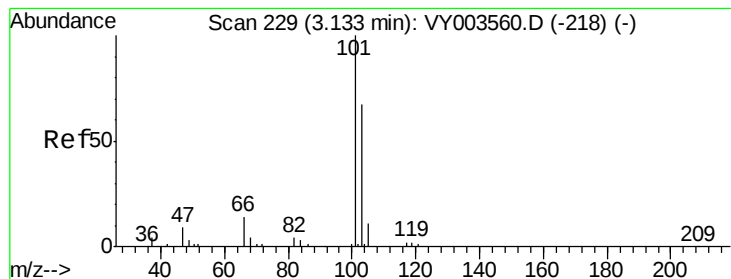
Tgt Ion: 64 Resp: 51109

Ion Ratio Lower Upper

64 100

66 32.4 23.6 35.4



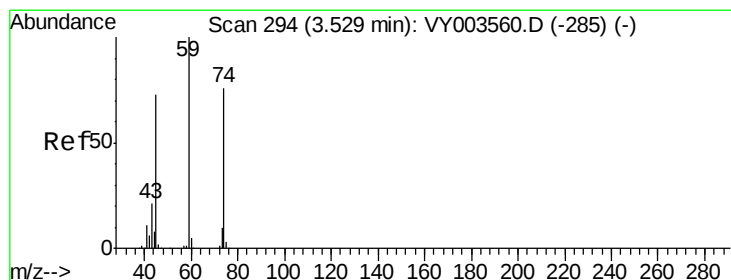
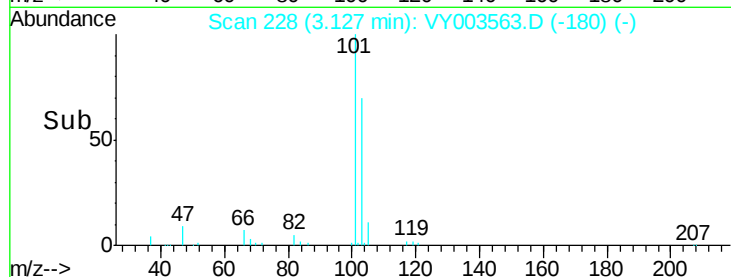
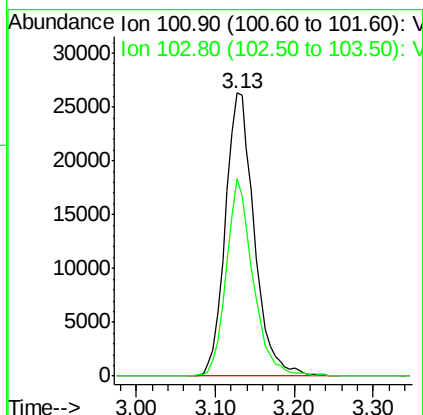
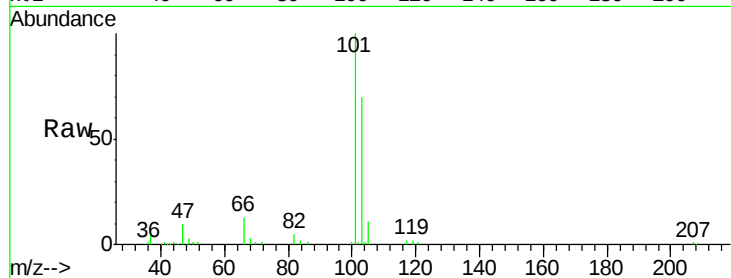


#7

Trichlorofluoromethane
Concen: 50.472 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :

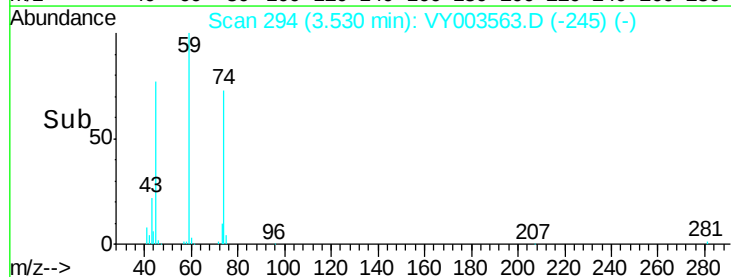
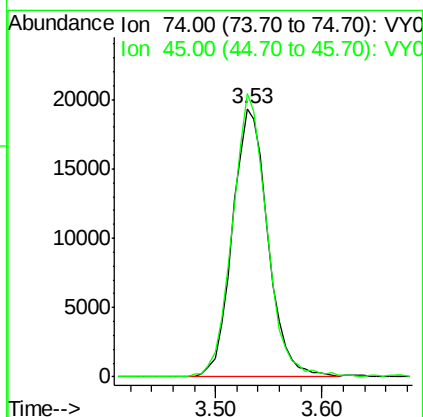
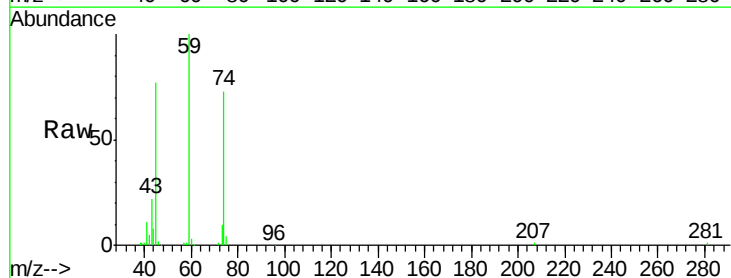
Tot Ion:101 Resp: 66925
Ion Ratio Lower Upper
101 100
103 69.8 53.3 79.9

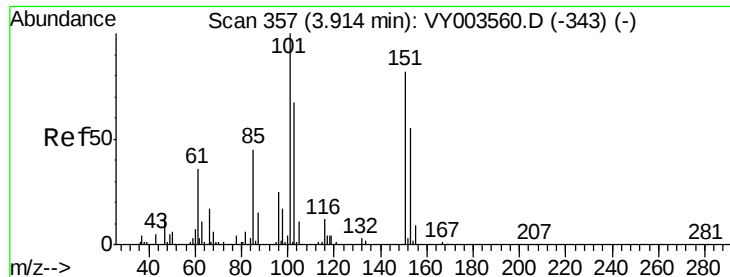


#8

Diethyl Ether
Concen: 47.030 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 74 Resp: 45233
Ion Ratio Lower Upper
74 100
45 103.0 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.550 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

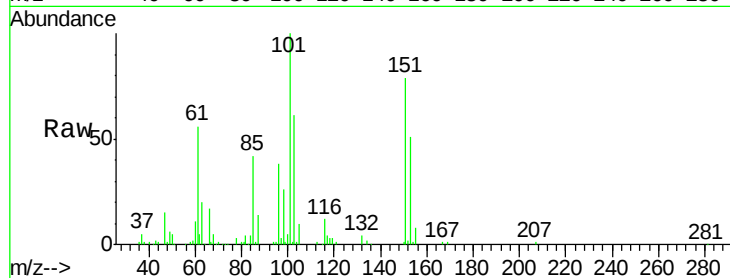
Tot Ion:101 Resp: 73895

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

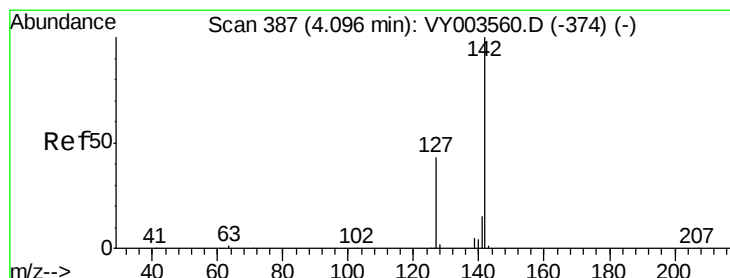
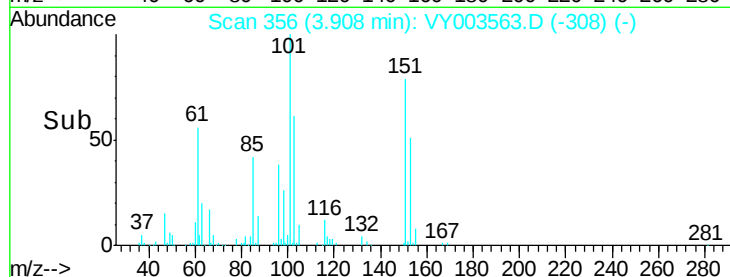
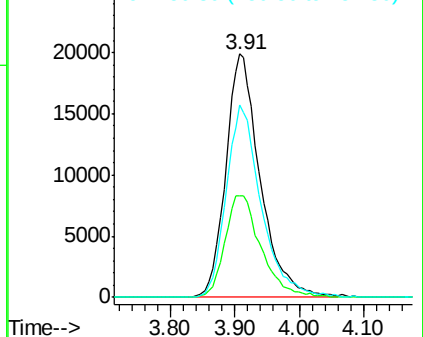
151 80.5 65.4 98.0



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: 47.323 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

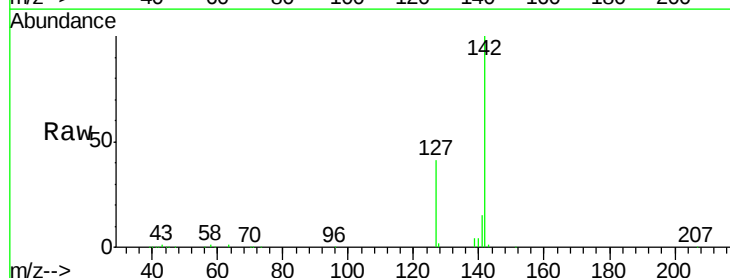
Tgt Ion:142 Resp: 122307

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.2

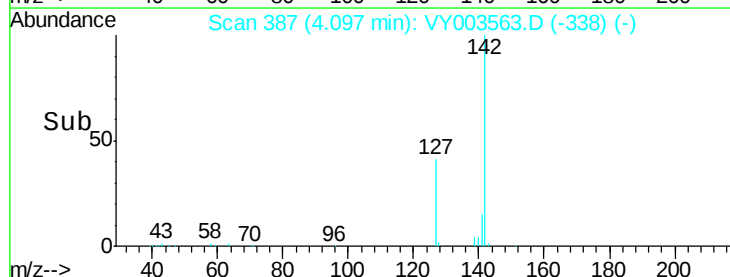
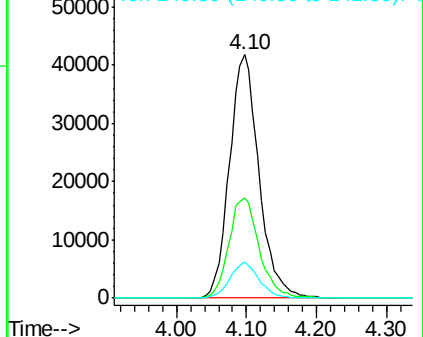
141 14.5 11.5 17.3

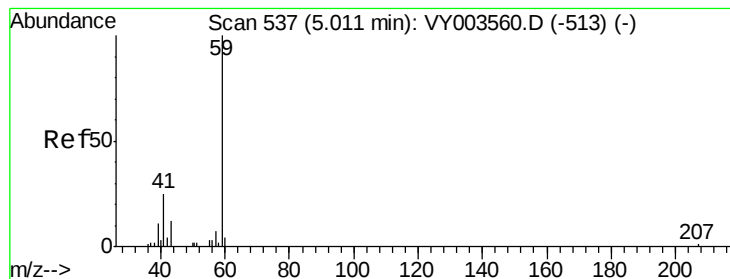


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



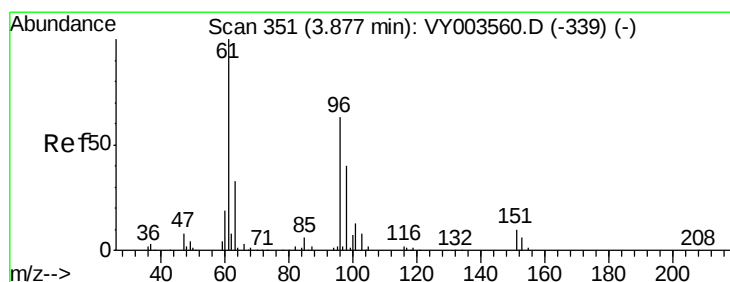
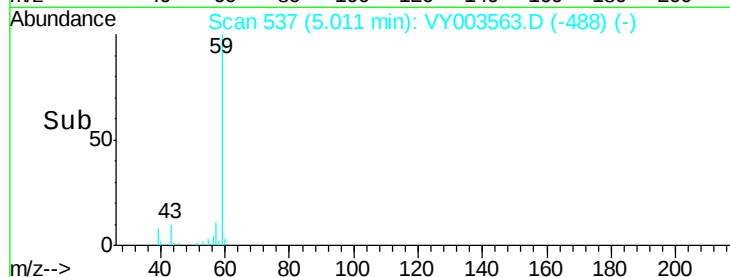
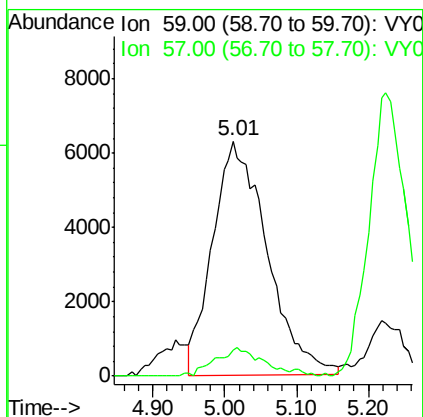
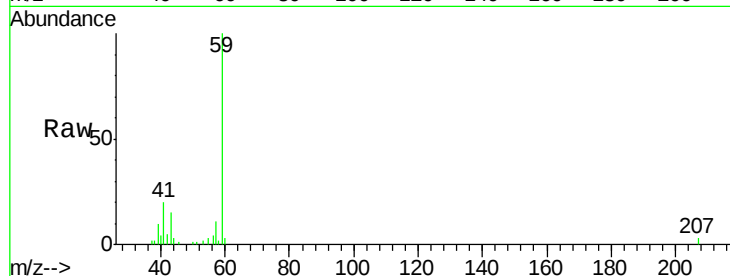


#11

Tert butyl alcohol
Concen: 251.761 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampled :

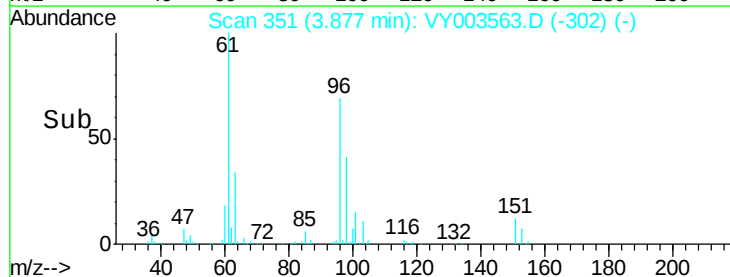
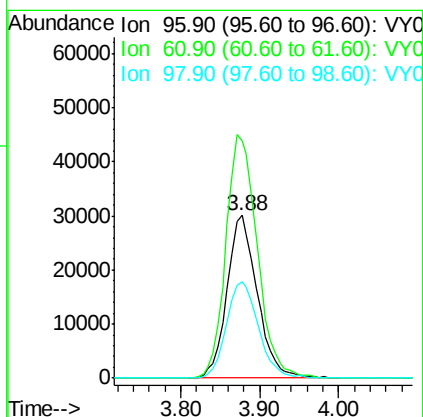
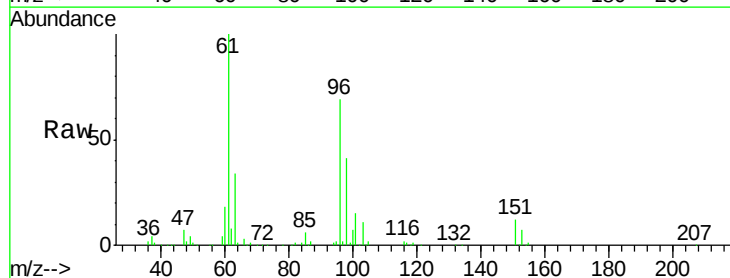
Tot Ion: 59 Resp: 33093
Ion Ratio Lower Upper
59 100
57 10.2 0.0 0.0#

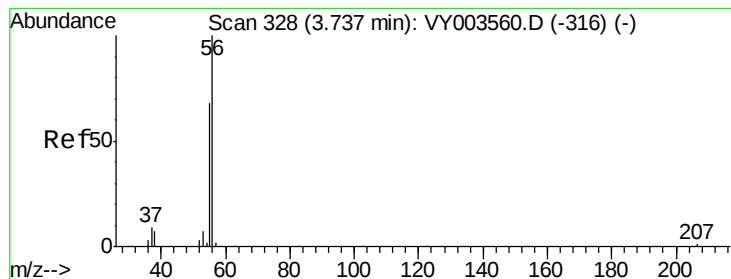


#12

1,1-Dichloroethene
Concen: 48.722 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 96 Resp: 80351
Ion Ratio Lower Upper
96 100
61 145.6 127.3 190.9
98 59.3 50.6 76.0





#13

Acrolein

Concen: 251.456 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

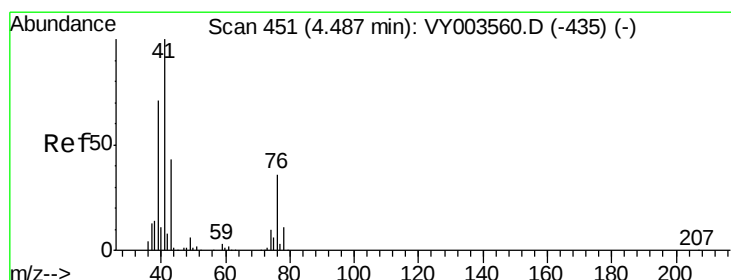
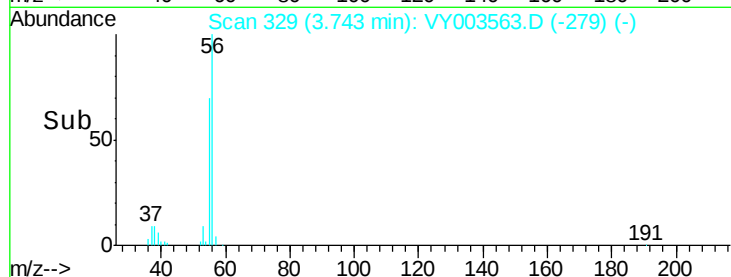
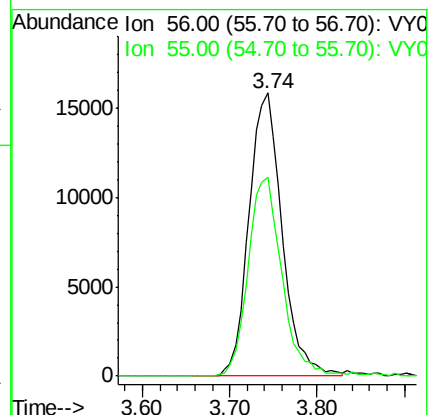
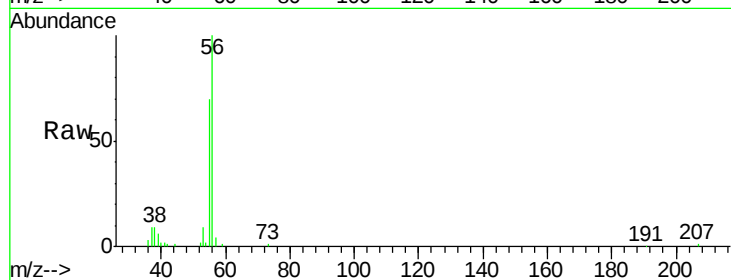
ClientSampleId :

Tot Ion: 56 Resp: 41726

Ion Ratio Lower Upper

56 100

55 70.9 54.6 81.8



#14

Allyl chloride

Concen: 48.803 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

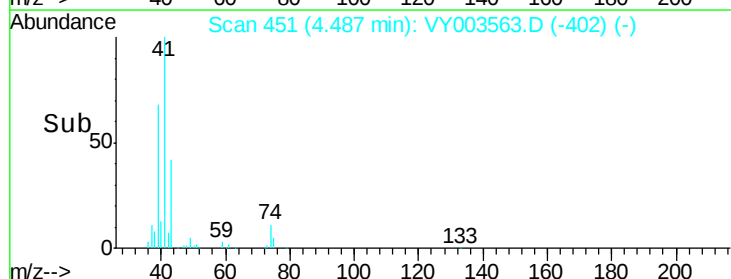
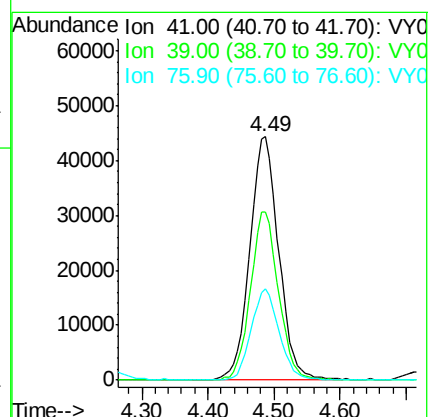
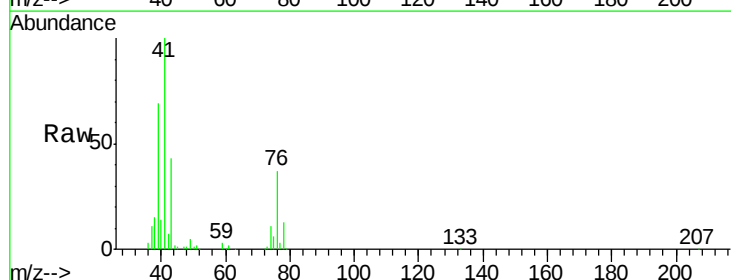
Tgt Ion: 41 Resp: 134922

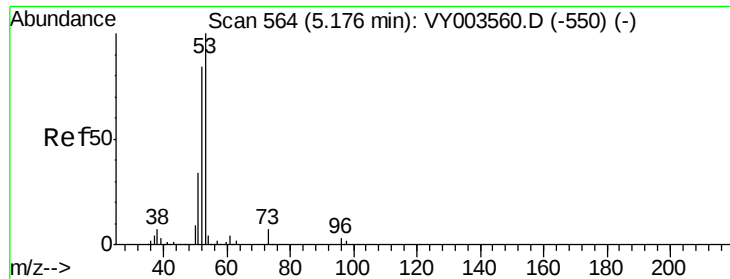
Ion Ratio Lower Upper

41 100

39 67.1 54.2 81.2

76 36.3 28.9 43.3





#15

Acrylonitrile

Concen: 247.369 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :

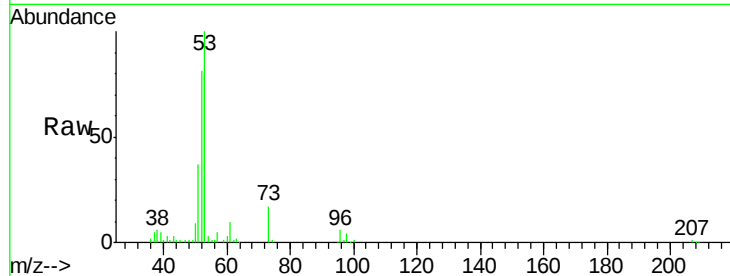
Tot Ion: 53 Resp: 111934

Ion Ratio Lower Upper

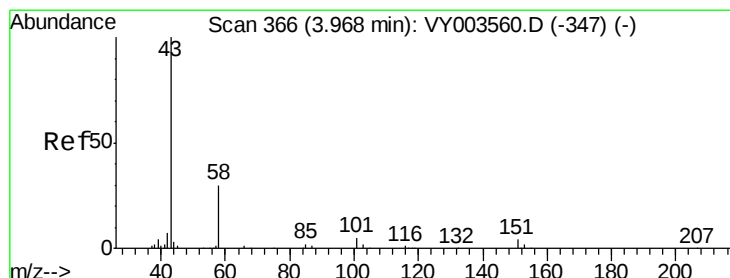
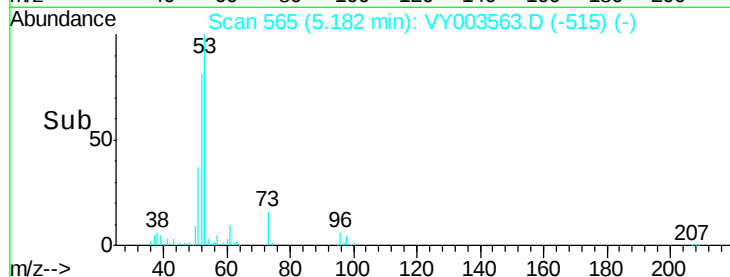
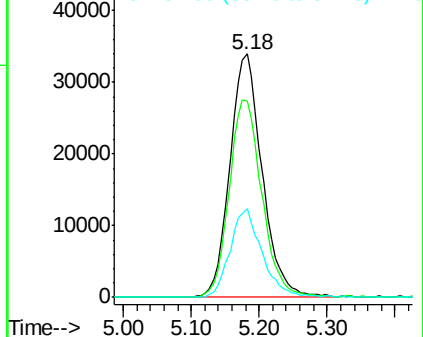
53 100

52 82.0 66.4 99.6

51 36.1 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 240.448 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY003563.D

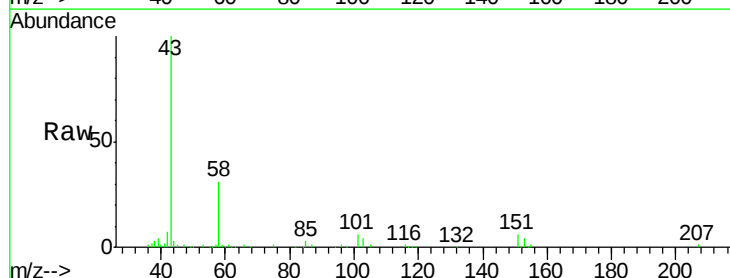
Acq: 20 Nov 2020 12:44

Tgt Ion: 43 Resp: 139625

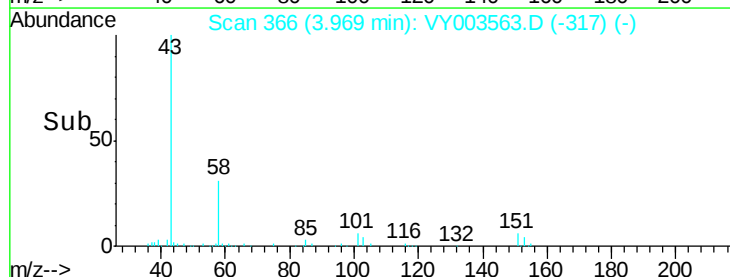
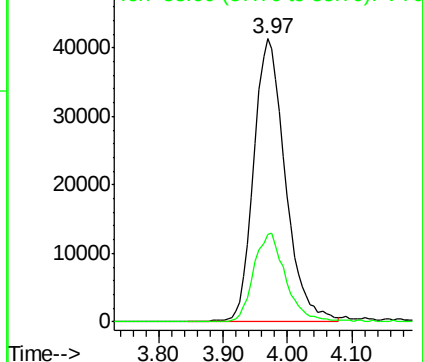
Ion Ratio Lower Upper

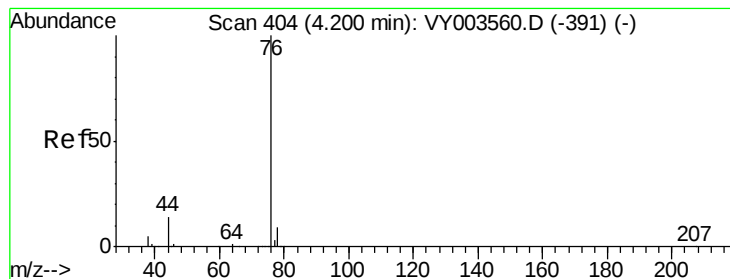
43 100

58 31.2 23.8 35.8



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





#17

Carbon Disulfide

Concen: 46.393 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

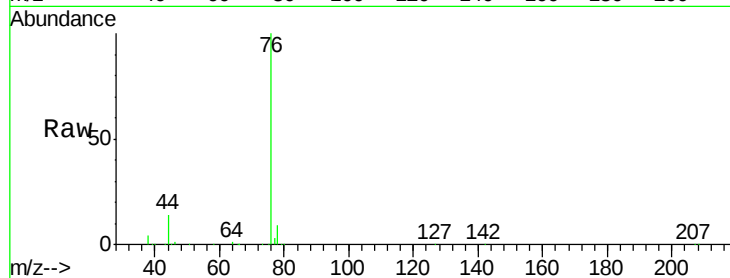
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 220247

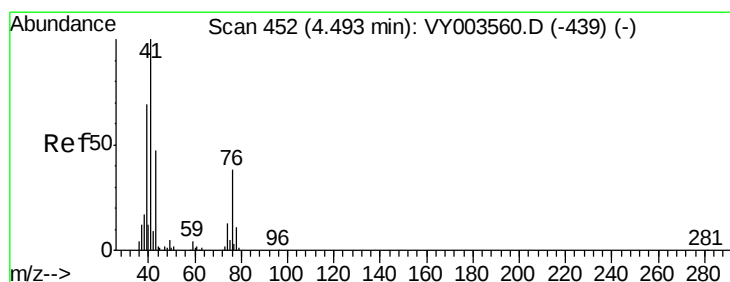
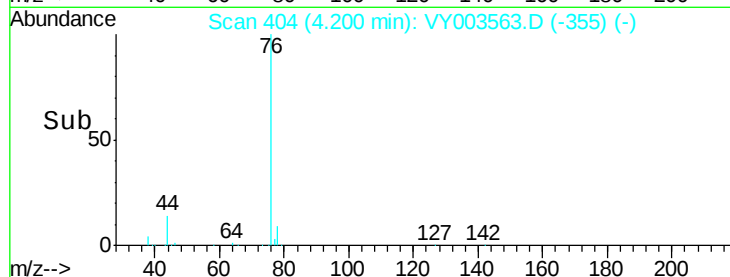
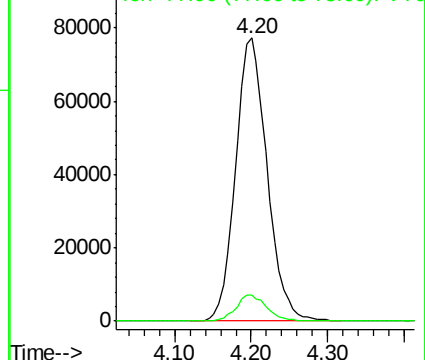
Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 47.809 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003563.D

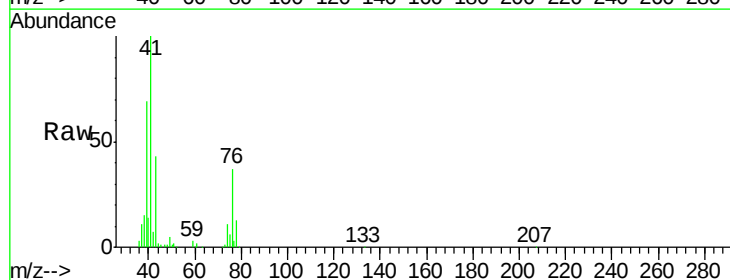
Acq: 20 Nov 2020 12:44

Tgt Ion: 43 Resp: 60394

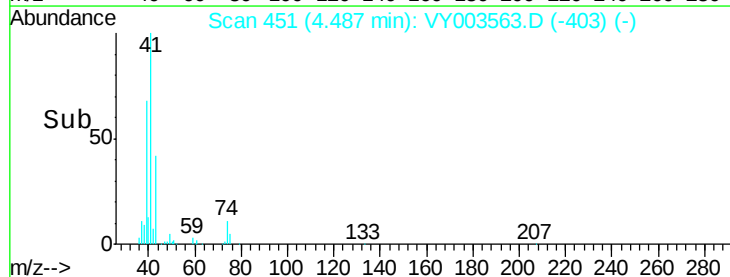
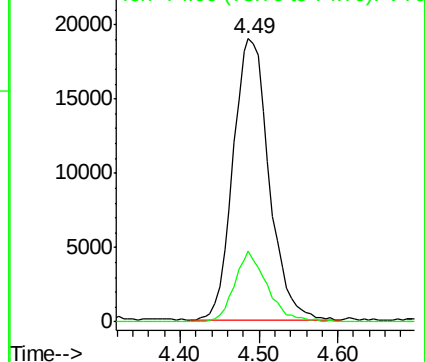
Ion Ratio Lower Upper

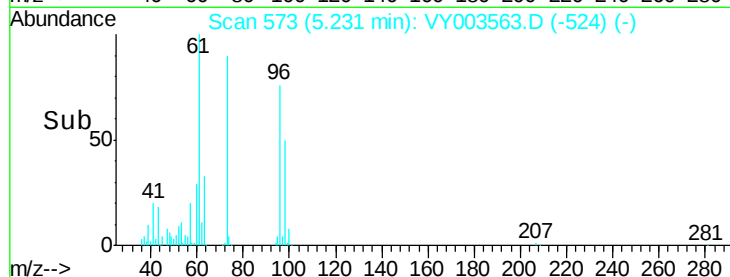
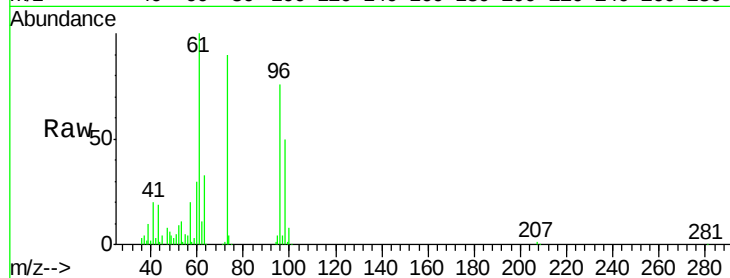
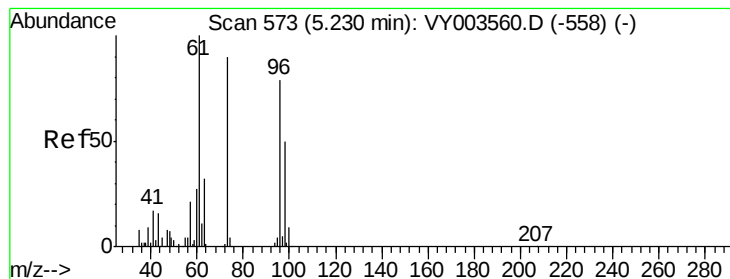
43 100

74 22.7 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0



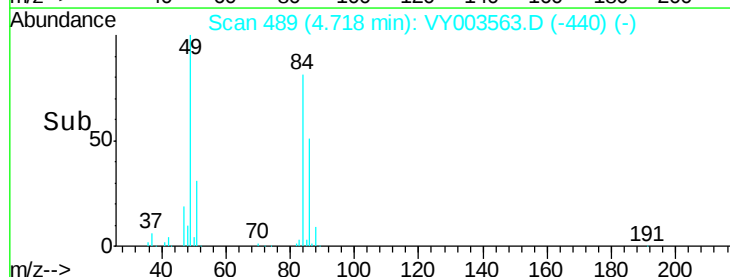
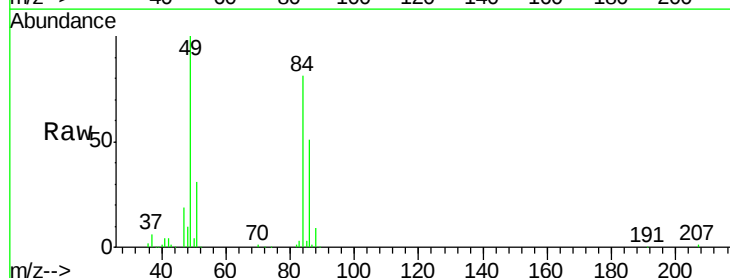
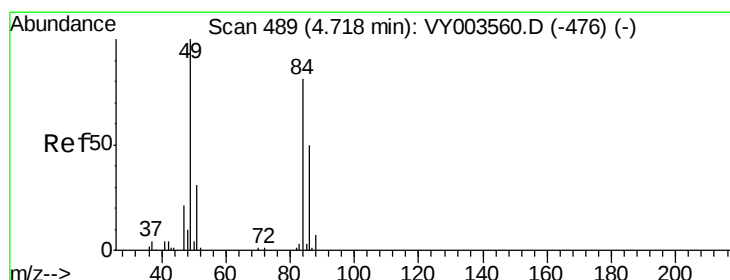
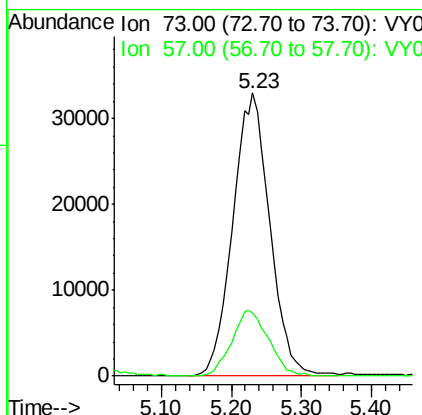


#19

Methyl tert-butyl Ether
 Concen: 49.415 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :

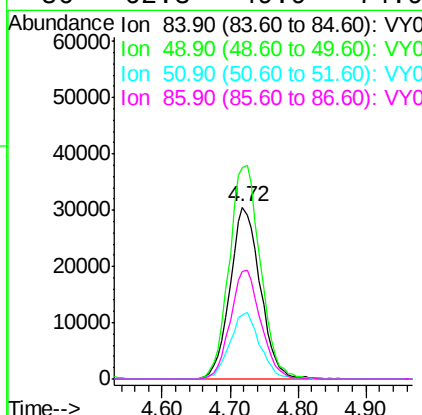
Tot Ion: 73 Resp: 120960
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.2

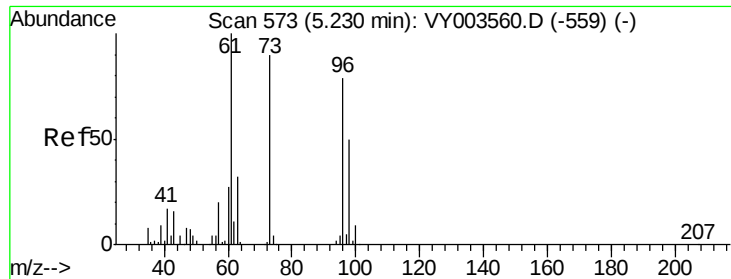


#20

Methylene Chloride
 Concen: 51.897 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion: 84 Resp: 94131
 Ion Ratio Lower Upper
 84 100
 49 123.1 99.0 148.6
 51 37.6 30.5 45.7
 86 62.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.601 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampled :

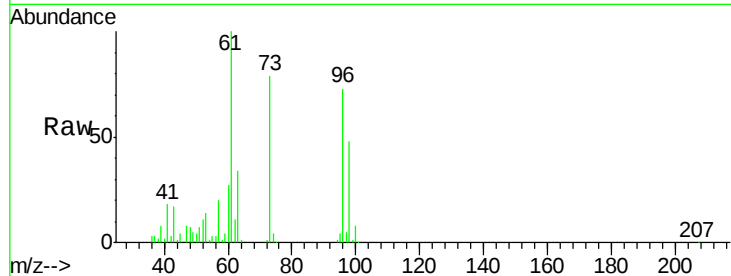
Tot Ion: 96 Resp: 89617

Ion Ratio Lower Upper

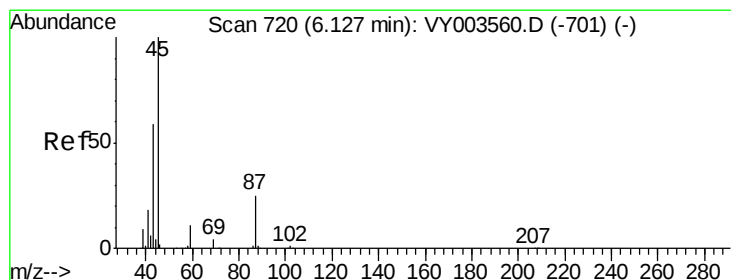
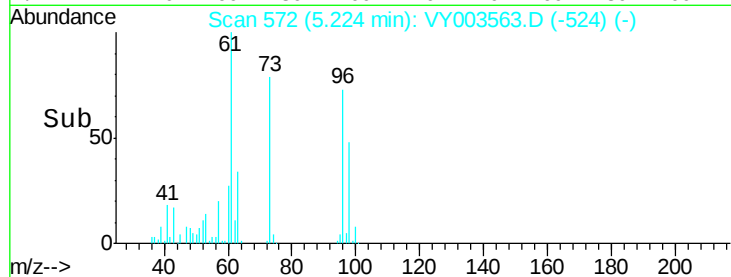
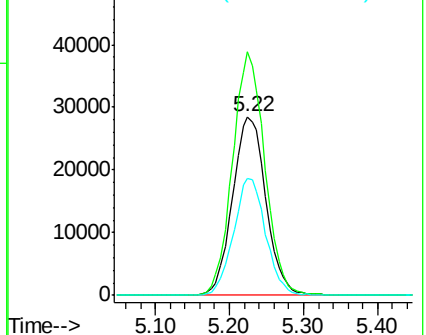
96 100

61 136.2 101.0 151.4

98 65.1 50.2 75.2



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



#22

Diisopropyl ether

Concen: 49.970 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion: 45 Resp: 236795

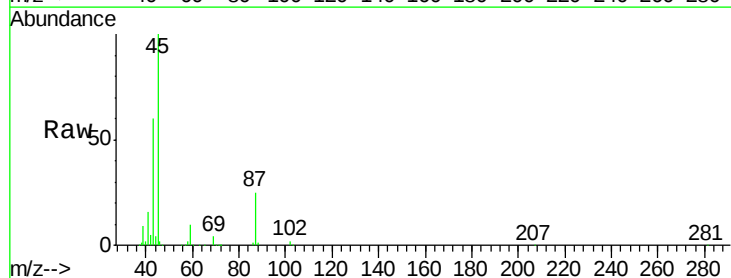
Ion Ratio Lower Upper

45 100

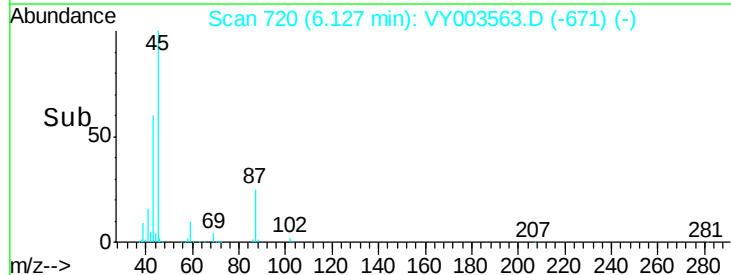
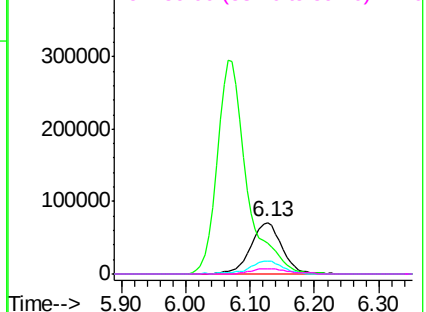
43 59.5 48.1 72.1

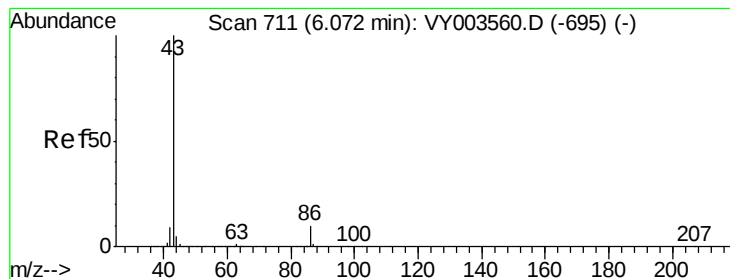
87 24.9 20.3 30.5

59 10.2 9.1 13.7



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





#23

Vinyl Acetate

Concen: 257.714 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

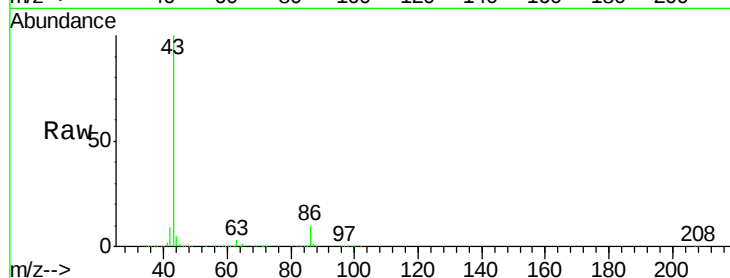
ClientSampleId :

Tot Ion: 43 Resp: 949264

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY003563.D (-662) (-)

Ion 86.00 (85.70 to 86.70): VY003563.D (-662) (-)

6.07

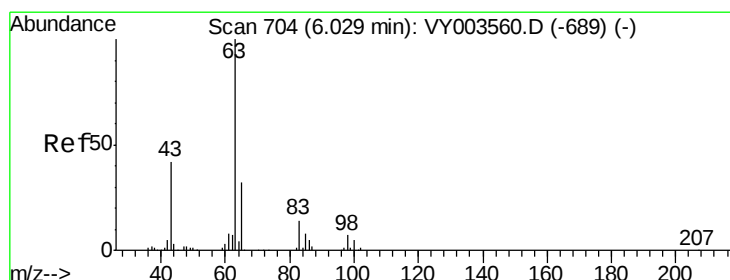
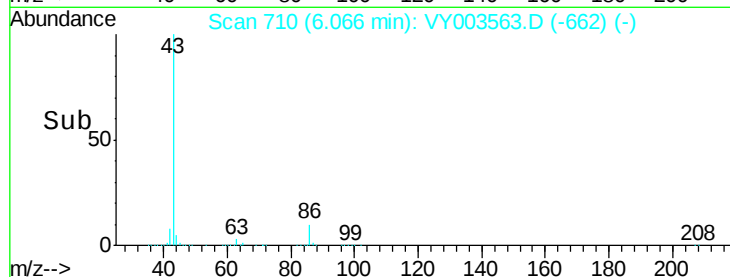
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.723 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

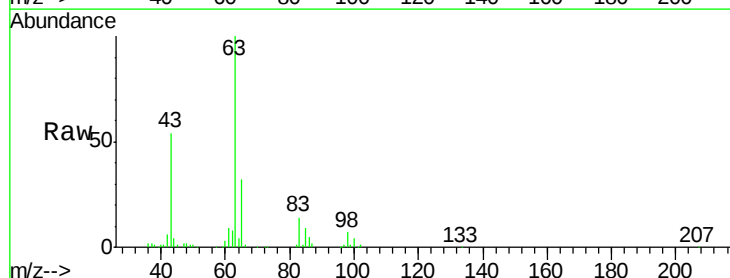
Tgt Ion: 63 Resp: 153678

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VY003563.D (-655) (-)

Ion 97.90 (97.60 to 98.60): VY003563.D (-655) (-)

Ion 99.90 (99.60 to 100.60): VY003563.D (-655) (-)

6.03

60000

50000

40000

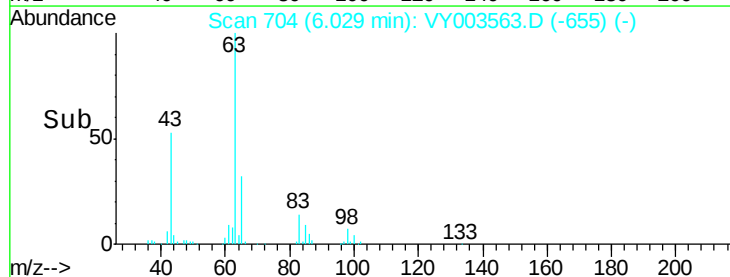
30000

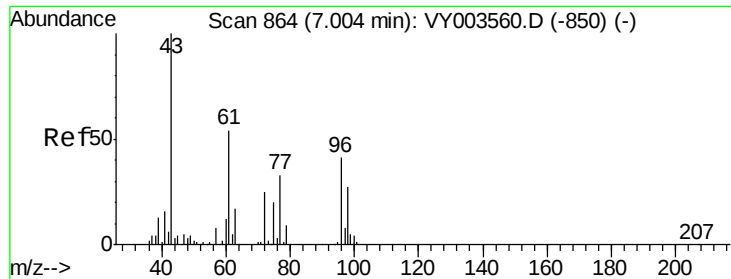
20000

10000

0

Time-->





#25

2-Butanone

Concen: 238.593 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

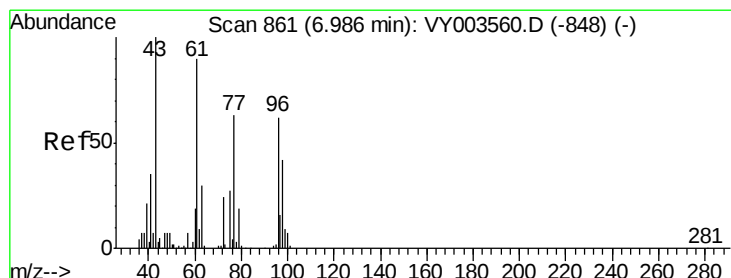
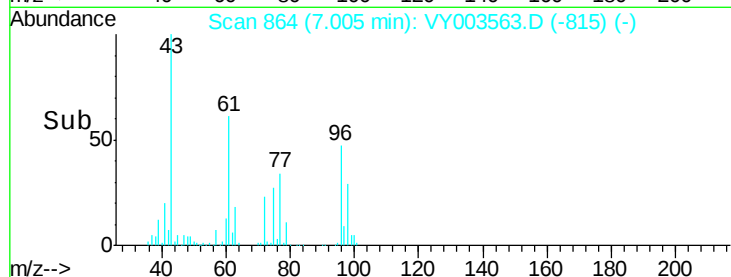
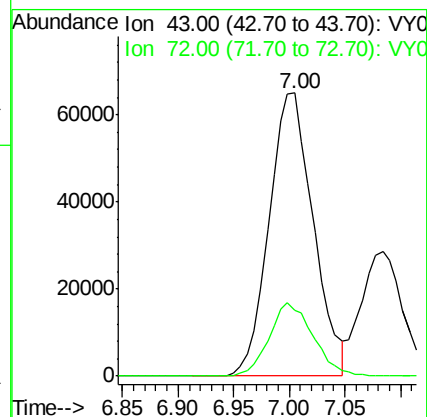
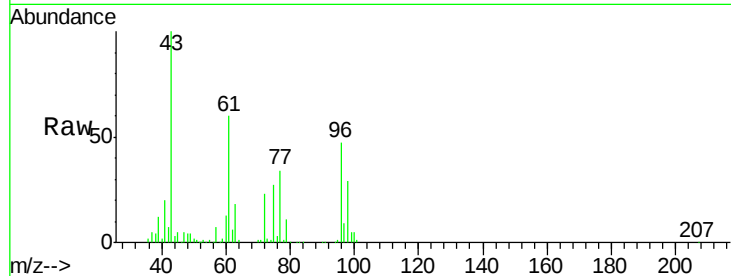
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 179778

Ion Ratio Lower Upper

43 100

72 23.3 19.8 29.8



#26

2,2-Dichloropropane

Concen: 47.246 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY003563.D

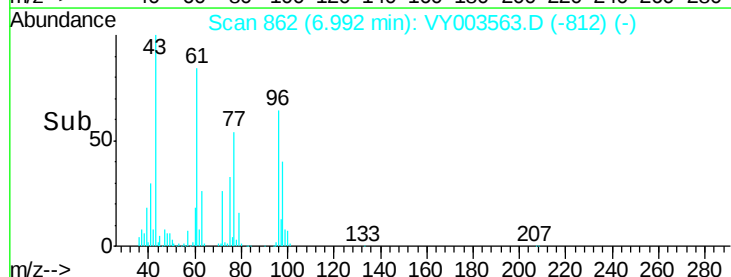
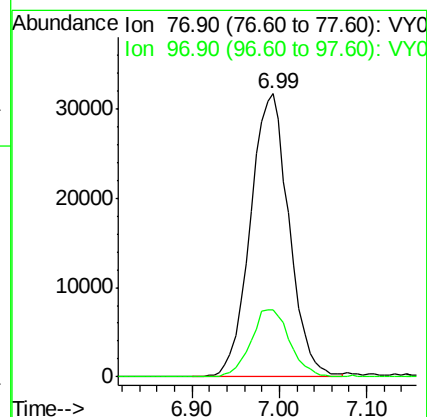
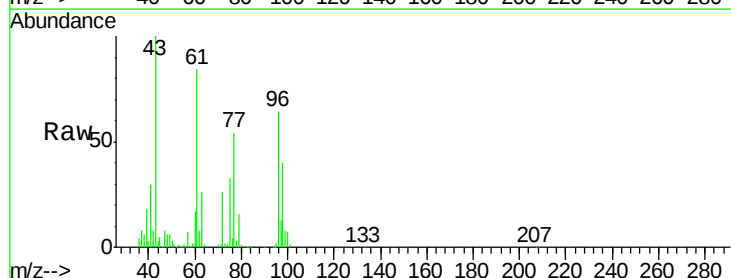
Acq: 20 Nov 2020 12:44

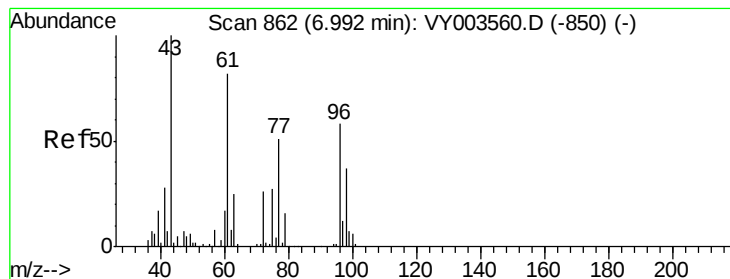
Tgt Ion: 77 Resp: 97448

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6



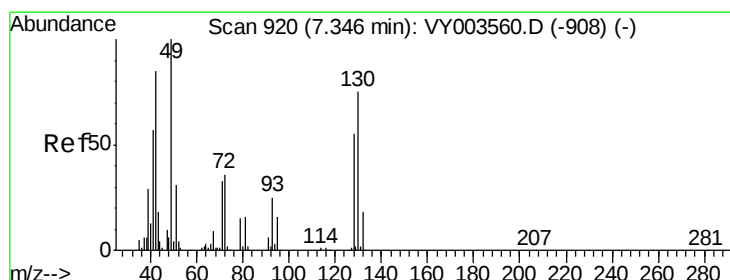
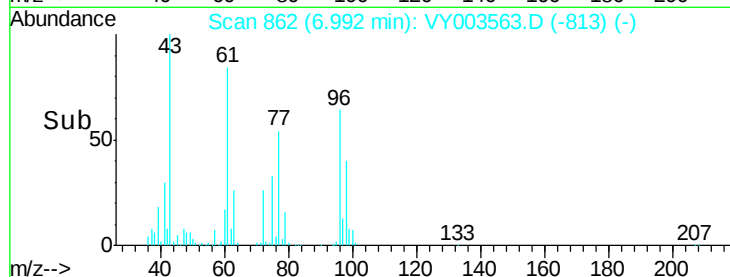
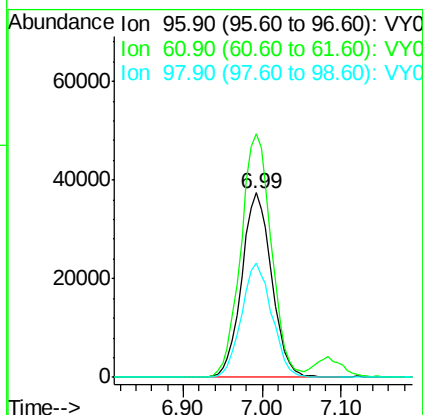
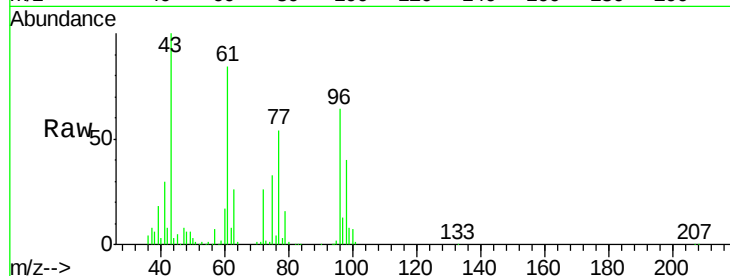


#27

cis-1,2-Dichloroethene
 Concen: 49.341 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :

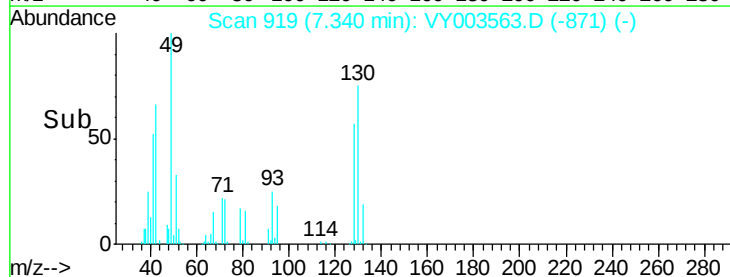
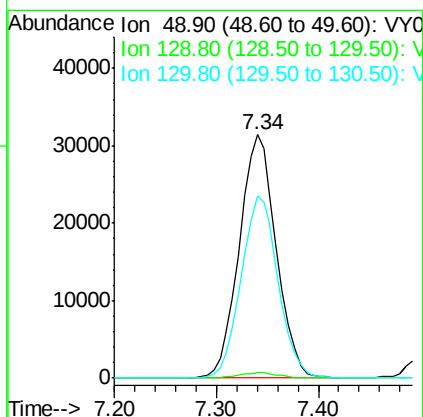
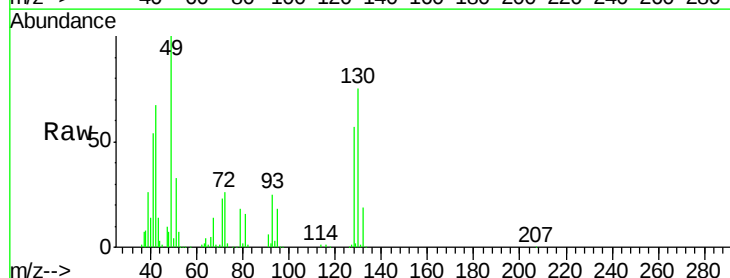
Tot Ion: 96 Resp: 98636
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 274.6
 98 62.9 0.0 130.6

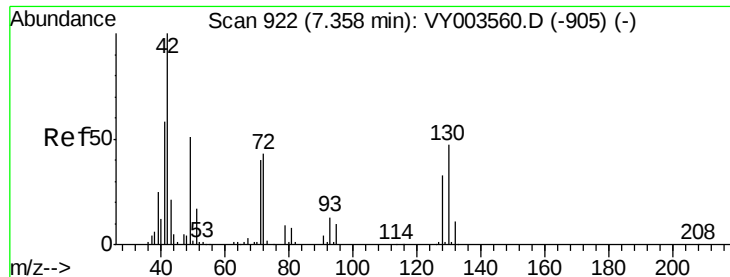


#28

Bromochloromethane
 Concen: 51.098 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion: 49 Resp: 78895
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 74.8 61.0 91.6

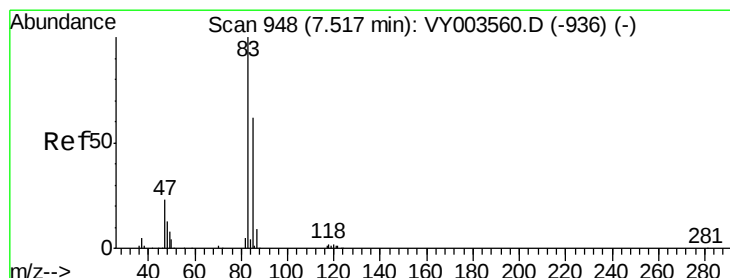
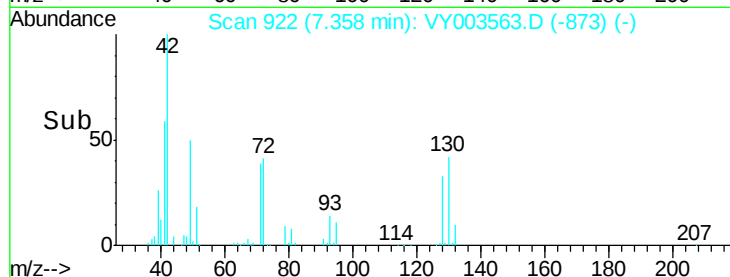
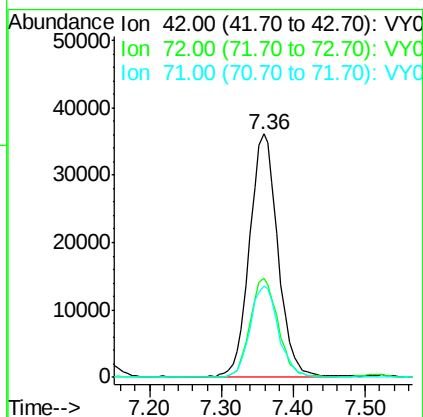
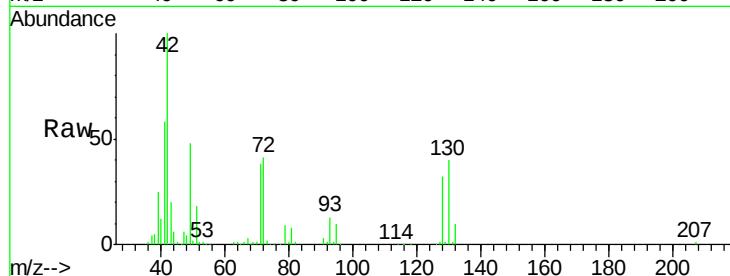




#29
Tetrahydrofuran
Concen: 250.991 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

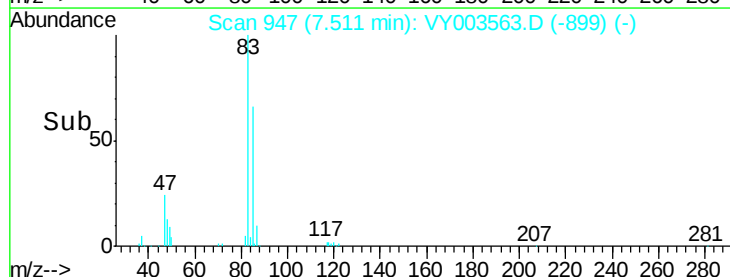
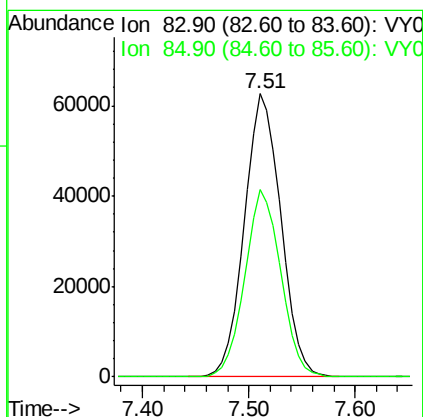
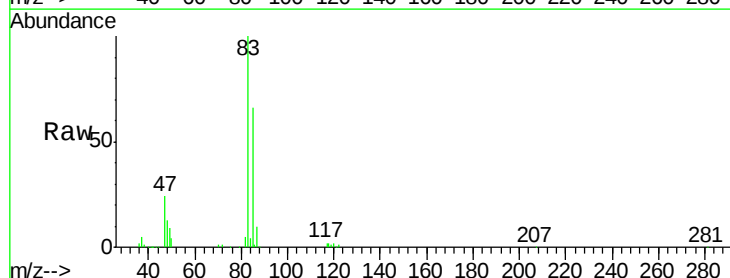
Instrument :
MSVOA_Y
ClientSampleId :

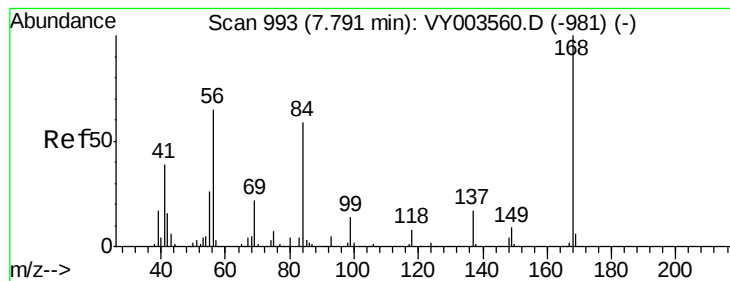
Tot Ion: 42 Resp: 99075
Ion Ratio Lower Upper
42 100
72 40.2 32.6 49.0
71 37.5 30.2 45.2



#30
Chloroform
Concen: 47.996 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 83 Resp: 151070
Ion Ratio Lower Upper
83 100
85 66.2 49.6 74.4





#31

Cyclohexane

Concen: 46.502 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampled :

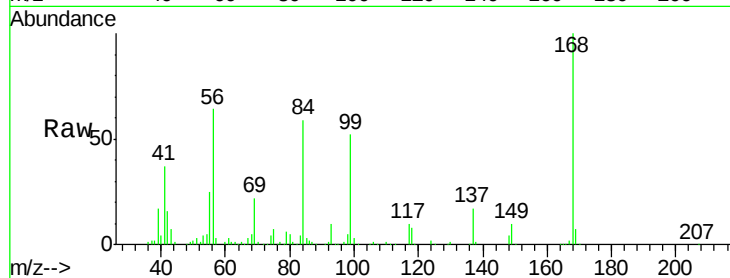
Tot Ion: 56 Resp: 116918

Ion Ratio Lower Upper

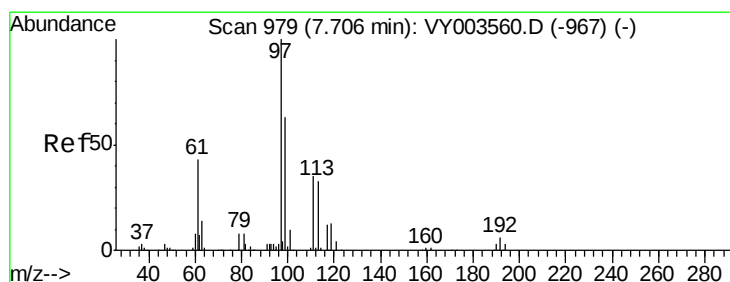
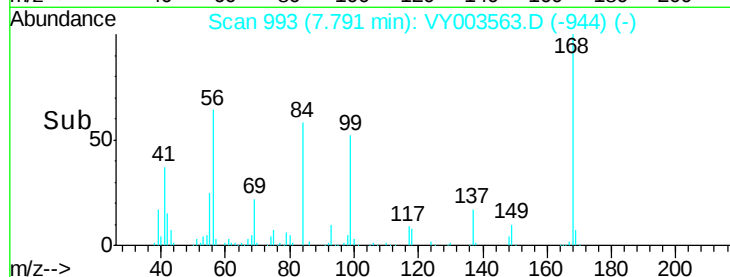
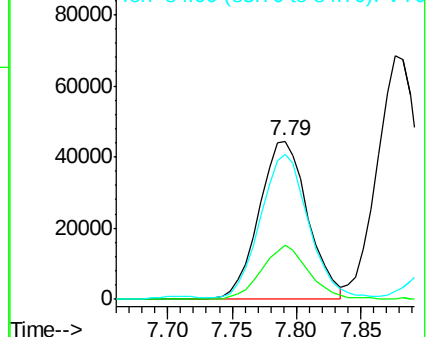
56 100

69 34.5 27.0 40.6

84 89.5 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 48.869 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

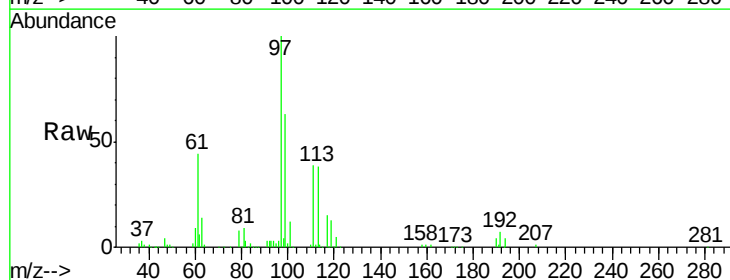
Tgt Ion: 97 Resp: 118861

Ion Ratio Lower Upper

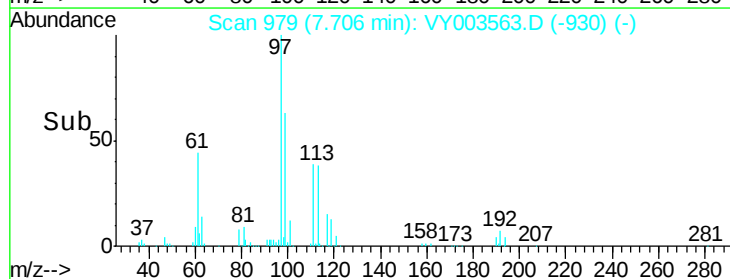
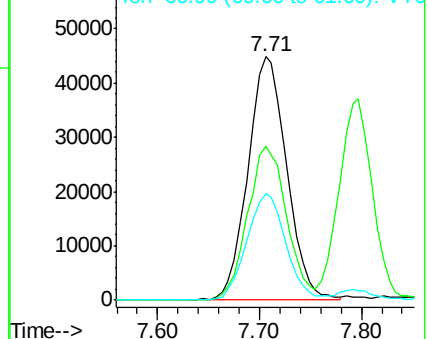
97 100

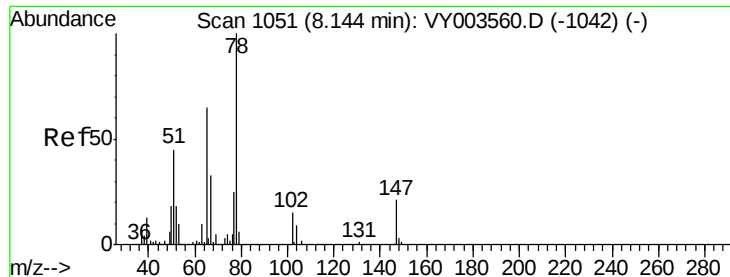
99 63.7 50.2 75.2

61 43.7 34.1 51.1



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: 48.511 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

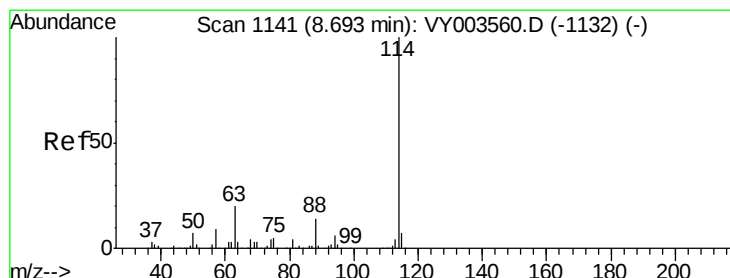
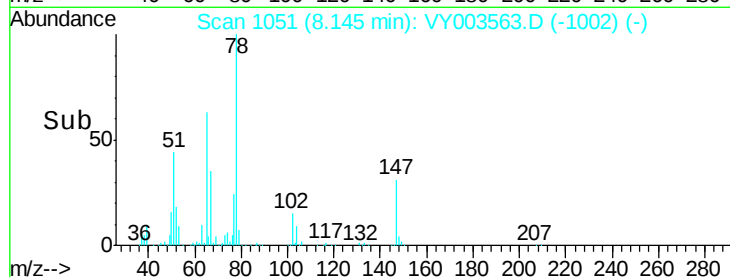
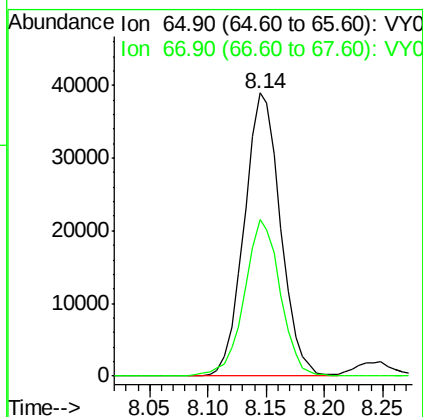
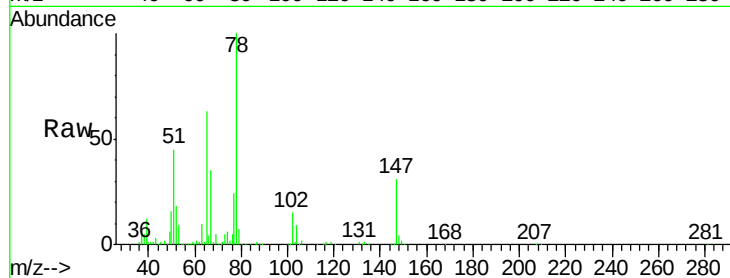
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 84368

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

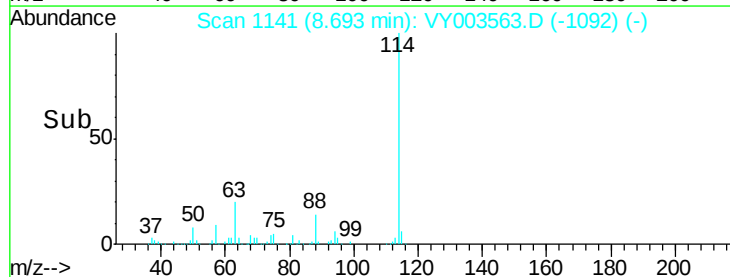
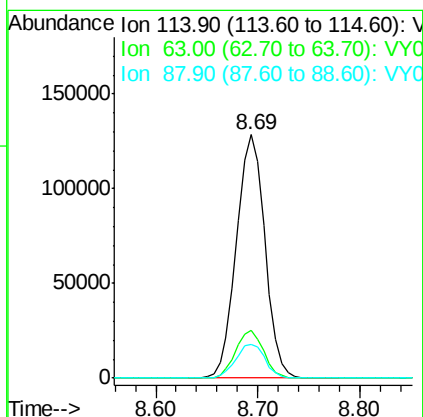
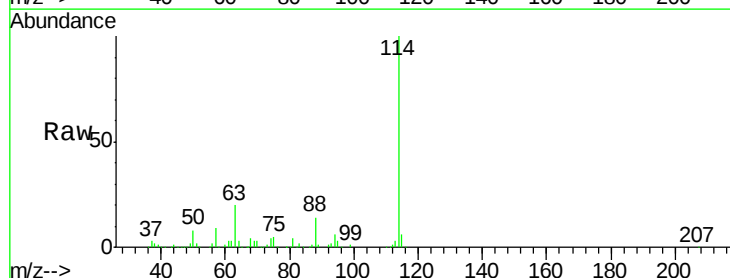
Tgt Ion: 114 Resp: 248773

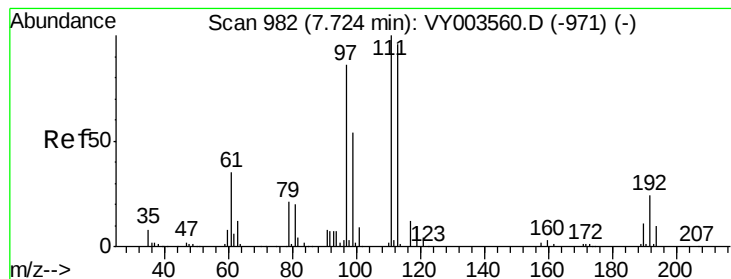
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

88 13.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

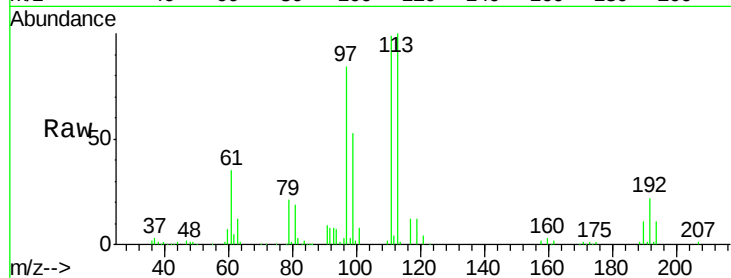
Tot Ion:113 Resp: 80033

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

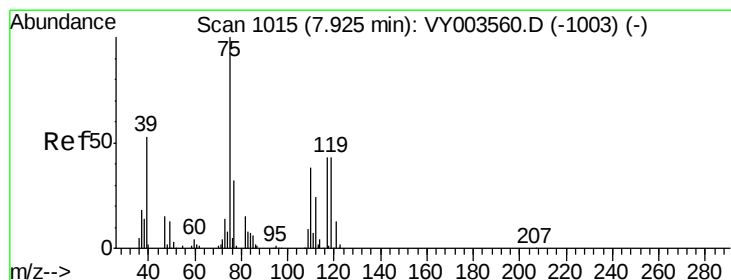
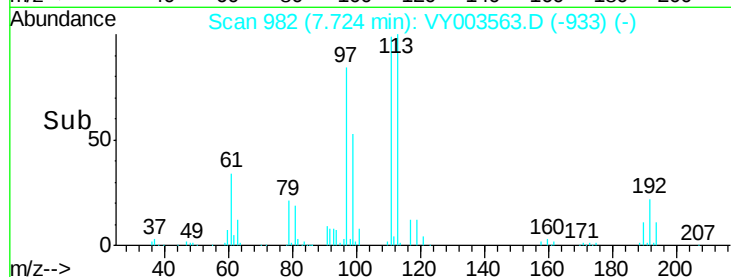
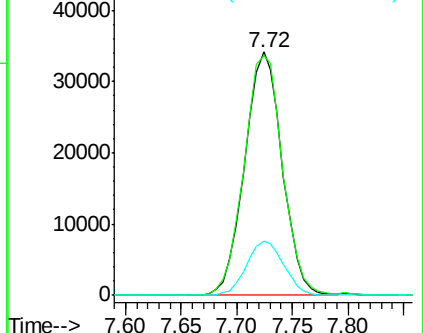
192 22.3 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.496 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

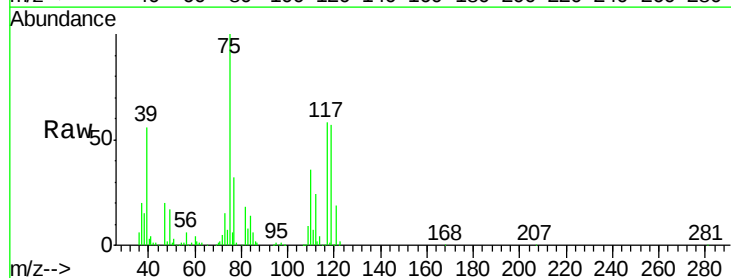
Tgt Ion: 75 Resp: 118775

Ion Ratio Lower Upper

75 100

110 37.2 18.7 56.1

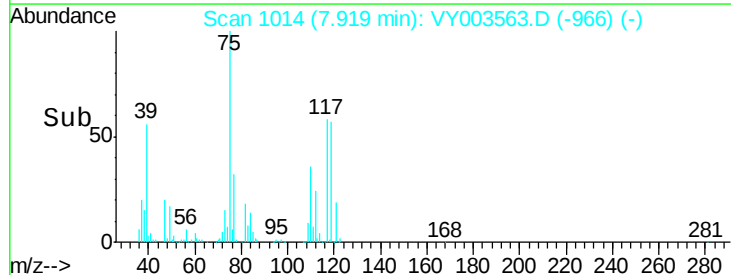
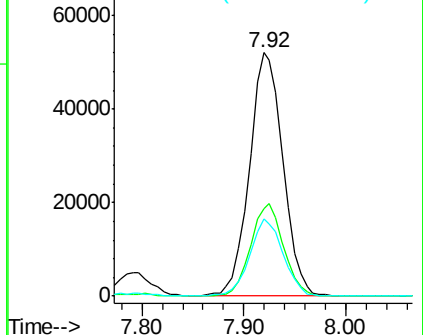
77 31.8 25.4 38.2

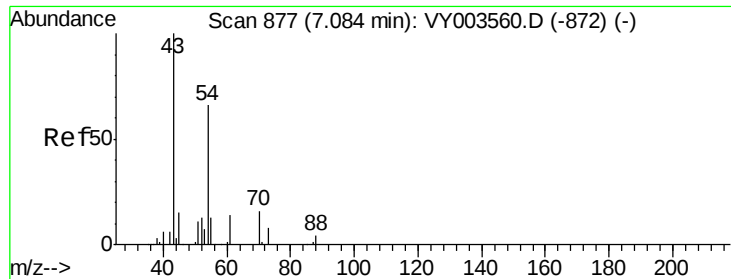


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

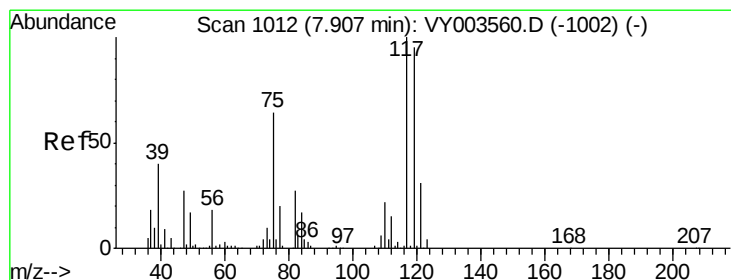
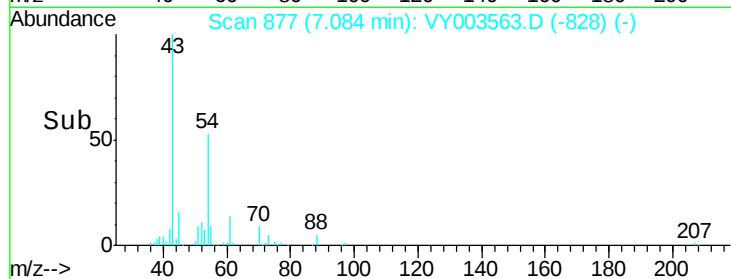
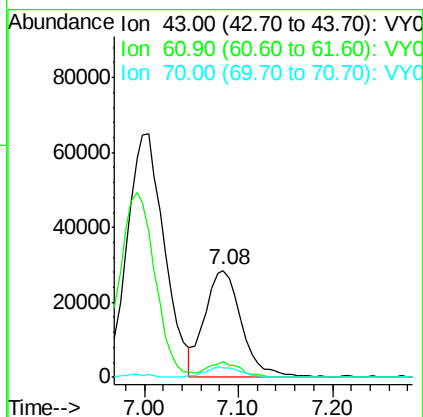
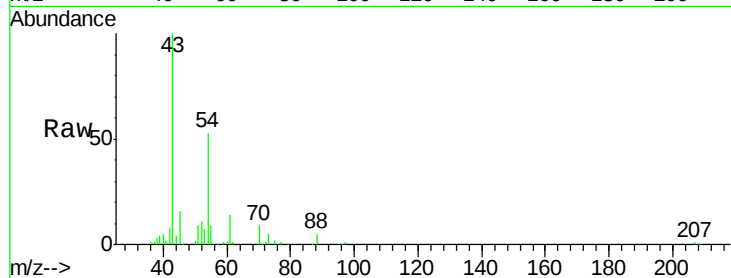




#37
Ethyl Acetate
Concen: 51.972 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

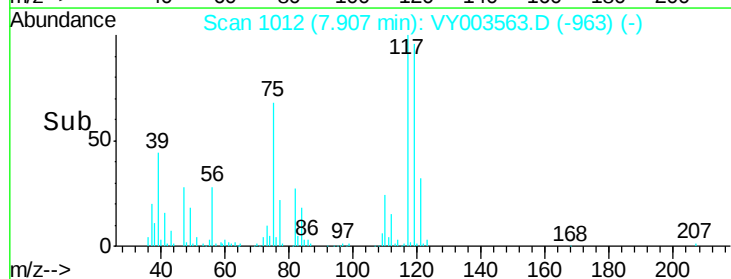
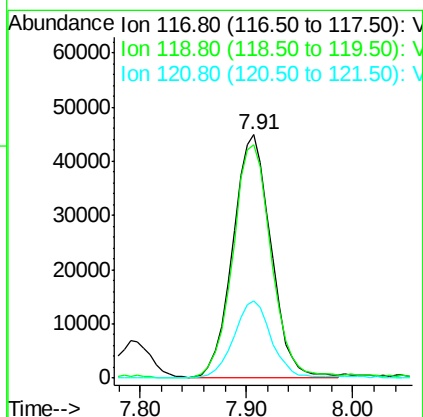
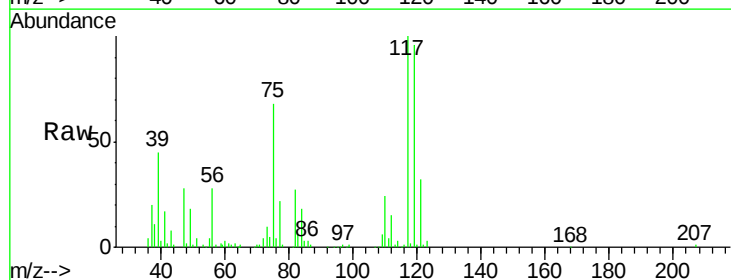
Instrument :
MSVOA_Y
ClientSampled :

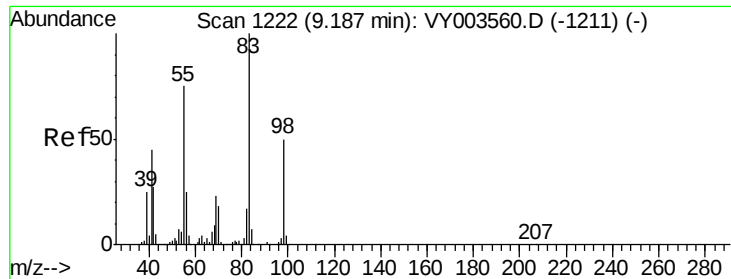
Tot Ion: 43 Resp: 76705
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 9.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 49.377 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 117 Resp: 112025
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5
121 31.4 25.1 37.7

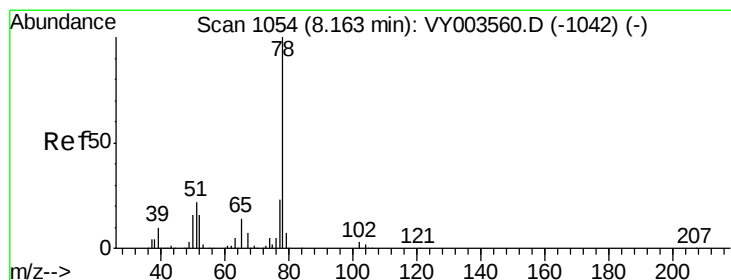
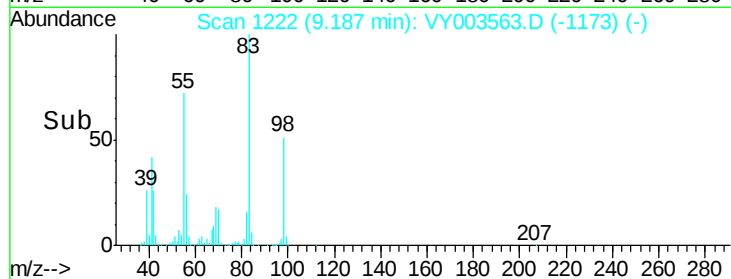
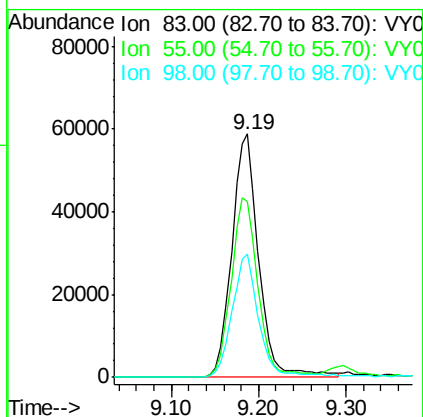
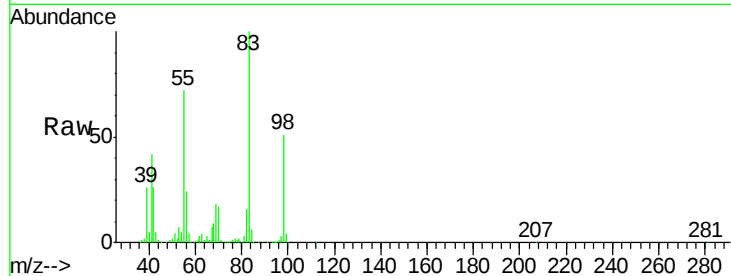




#39
Methvlcvclohexane
Concen: 50.428 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

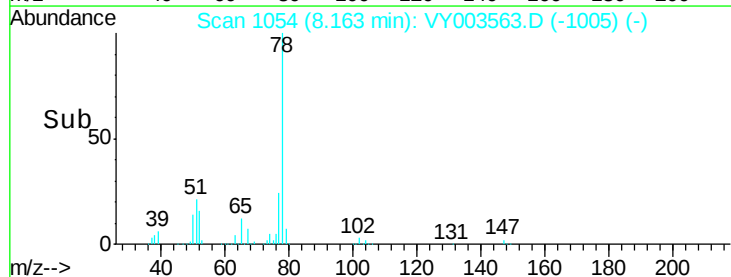
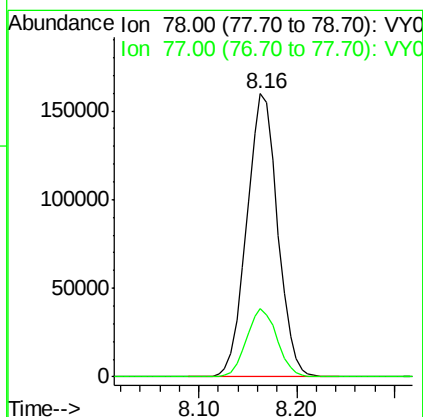
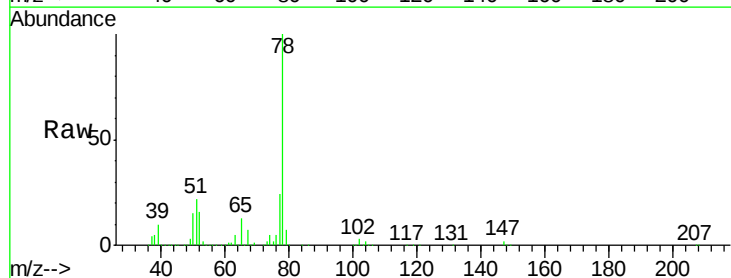
Instrument :
MSVOA_Y
ClientSampleId :

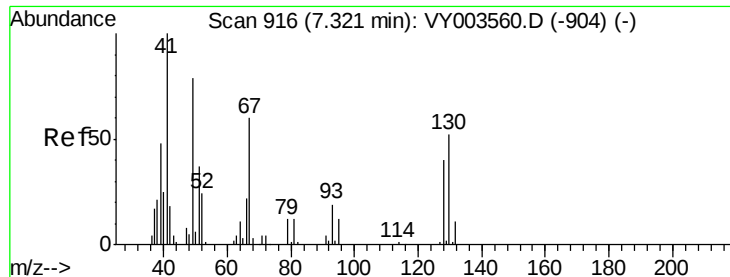
Tot Ion: 83 Resp: 125514
Ion Ratio Lower Upper
83 100
55 72.2 60.2 90.4
98 50.6 40.3 60.5



#40
Benzene
Concen: 48.052 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 78 Resp: 348869
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

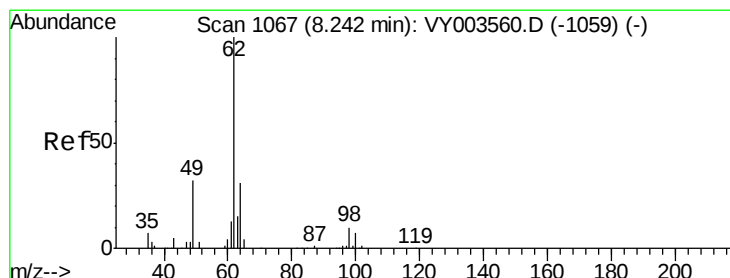
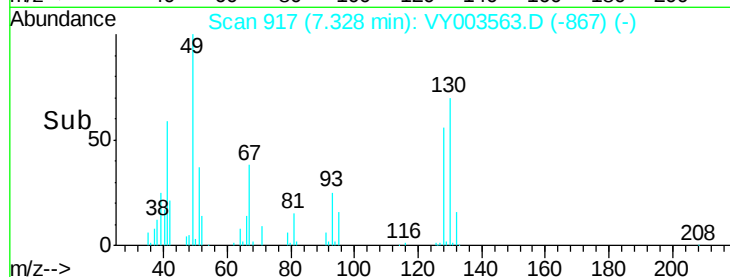
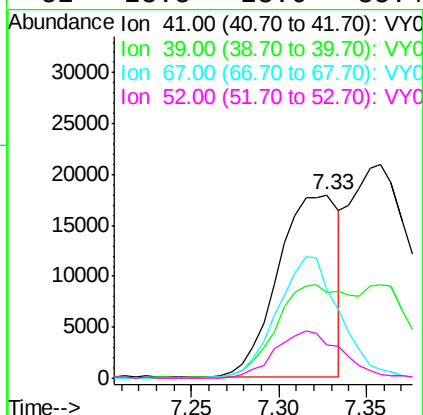
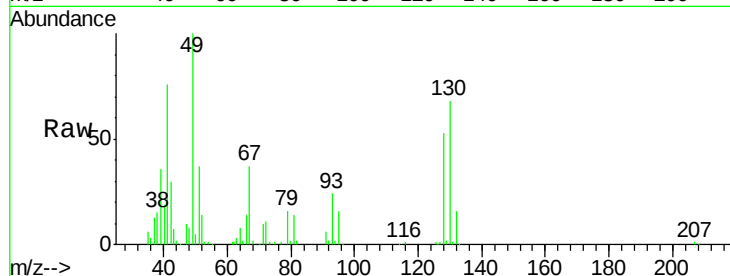




#41
Methacrylonitrile
Concen: 49.357 ug/l
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

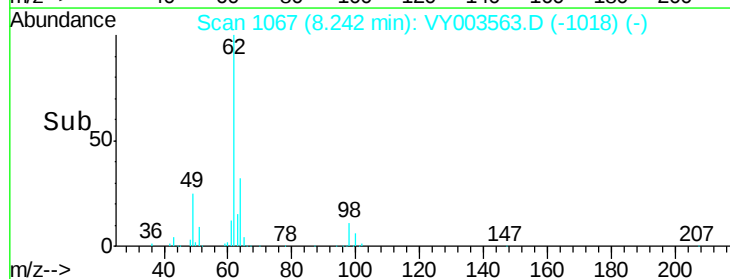
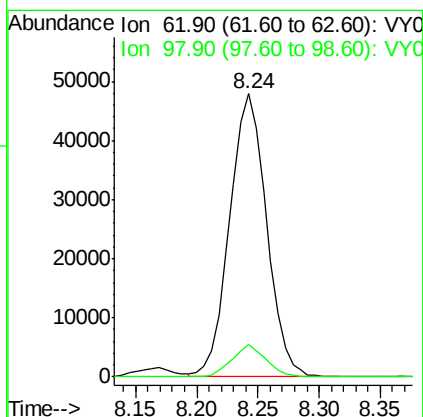
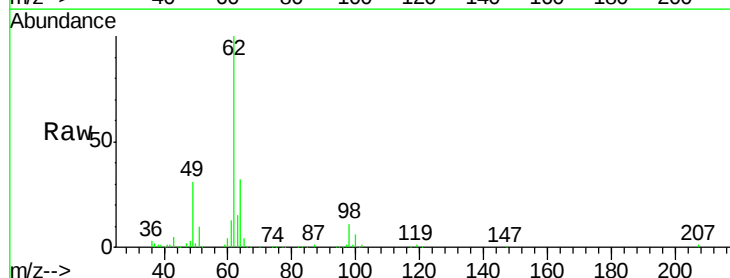
Instrument :
MSVOA_Y
ClientSampleId :

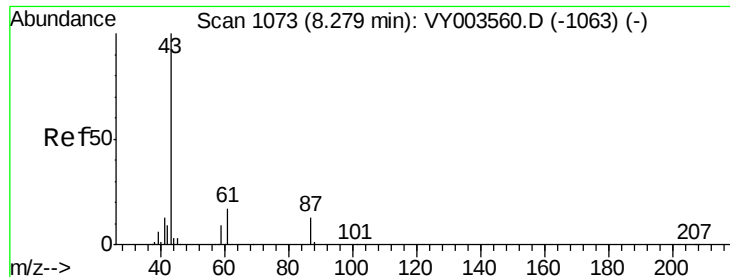
Tot Ion:	41	Resp:	43068
Ion	Ratio	Lower	Upper
41	100		
39	66.2	41.4	62.0#
67	69.5	57.2	85.8
52	28.8	23.6	35.4



#42
1,2-Dichloroethane
Concen: 48.426 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion:	62	Resp:	100017
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.4



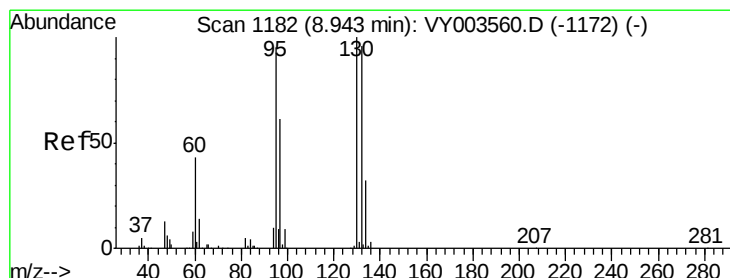
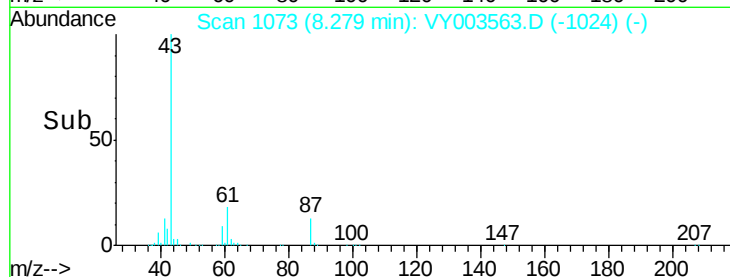
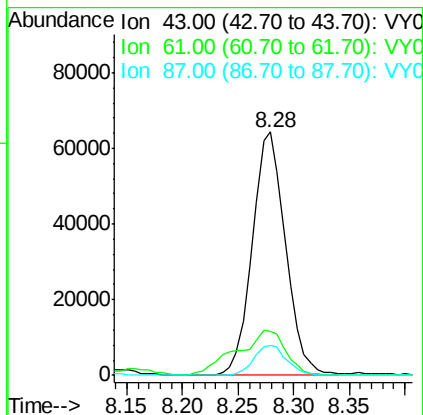
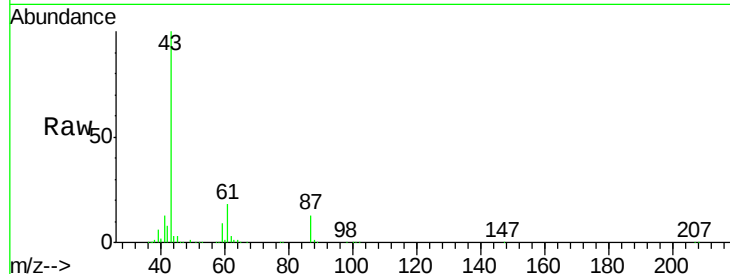


#43

Isopropyl Acetate
 Concen: 49.278 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :

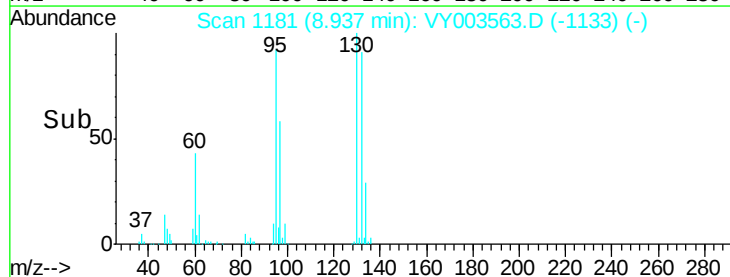
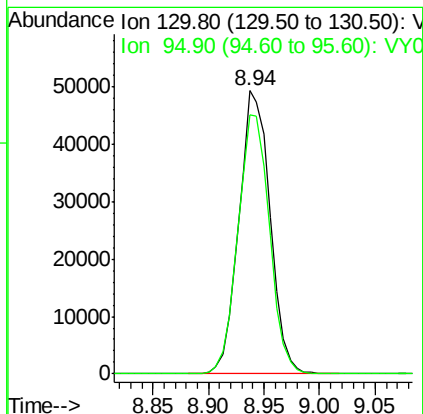
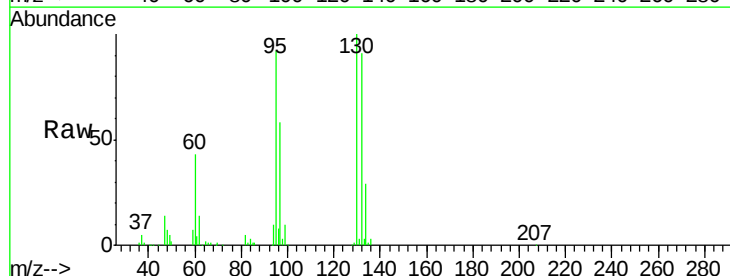
Tot Ion: 43 Resp: 133544
 Ion Ratio Lower Upper
 43 100
 61 27.7 21.4 32.0
 87 12.5 10.7 16.1

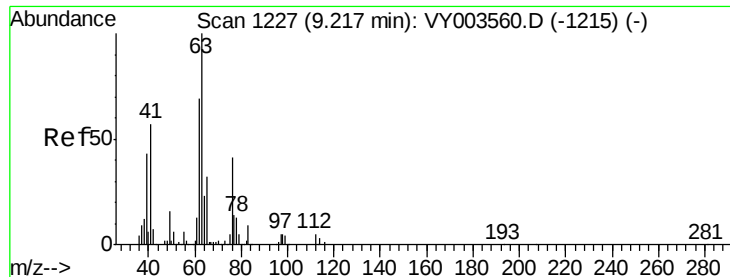


#44

Trichloroethene
 Concen: 48.466 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion: 130 Resp: 95880
 Ion Ratio Lower Upper
 130 100
 95 91.7 0.0 189.2

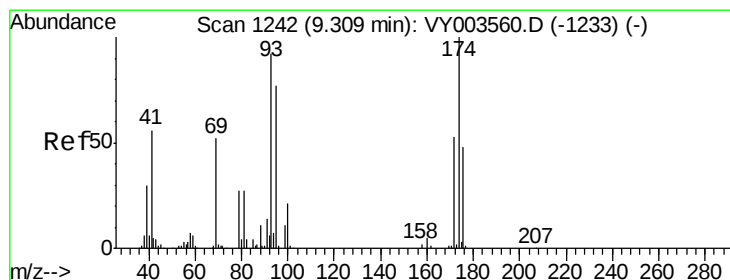
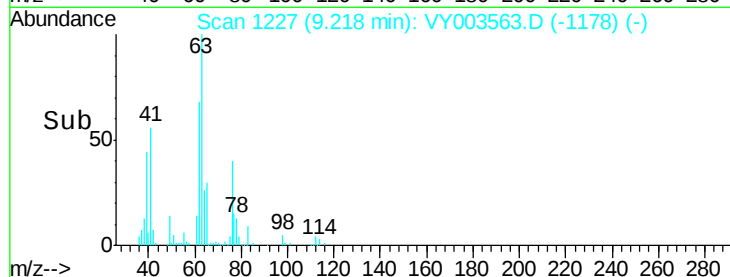
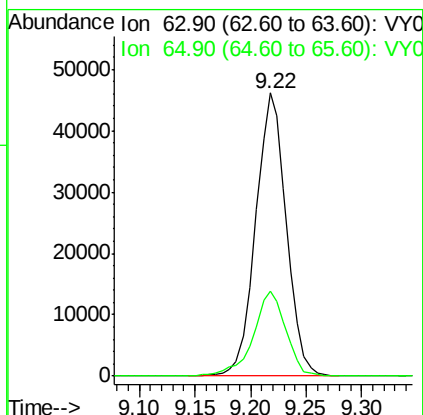
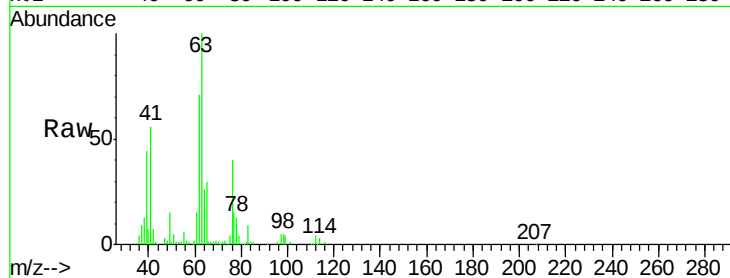




#45
 1,2-Dichloropropane
 Concen: 49.126 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

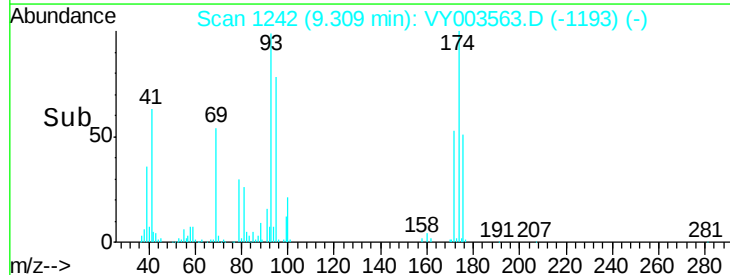
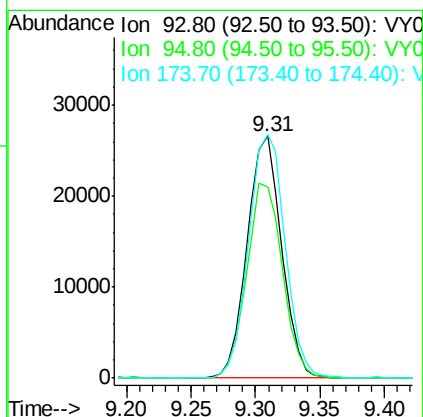
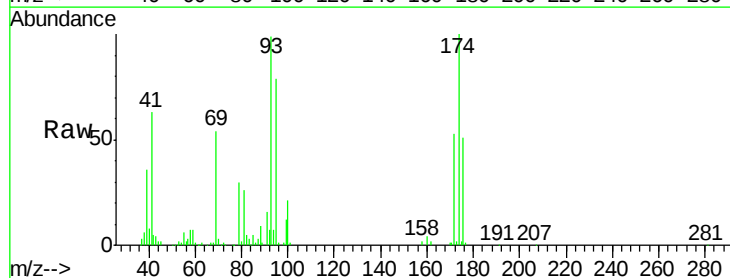
Instrument :
 MSVOA_Y
 ClientSampled :

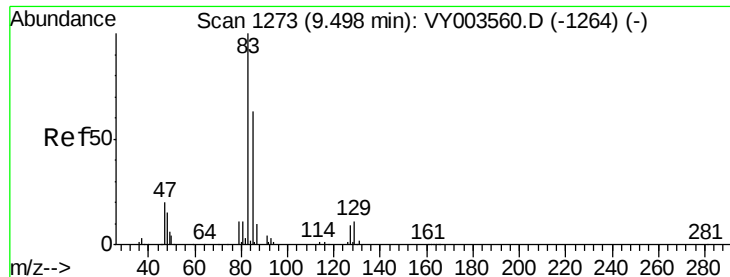
Tot Ion: 63 Resp: 88412
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5



#46
 Dibromomethane
 Concen: 47.913 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion: 93 Resp: 49106
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.9 98.9
 174 107.0 86.8 130.2





#47

Bromodichloromethane

Concen: 47.870 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

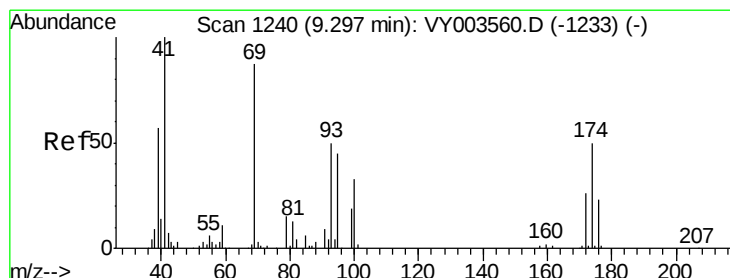
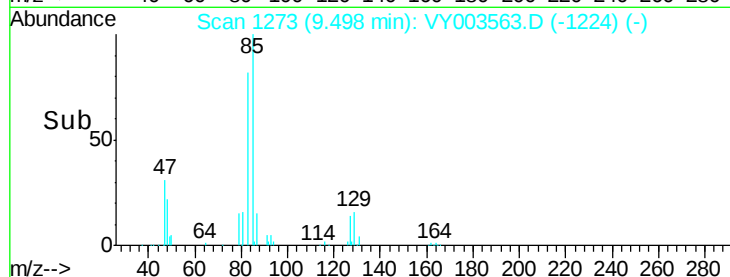
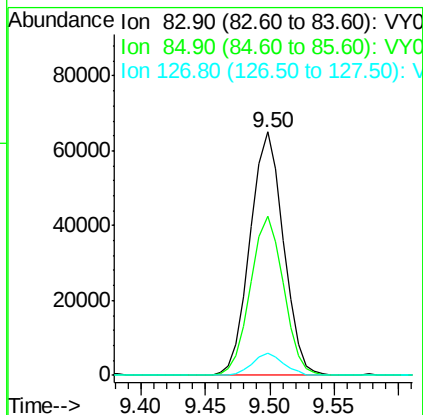
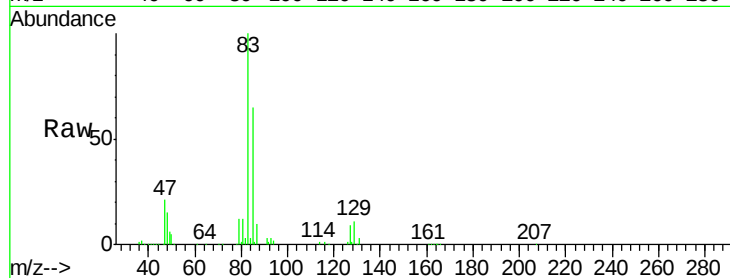
Tot Ion: 83 Resp: 116534

Ion Ratio Lower Upper

83 100

85 65.4 50.7 76.1

127 9.1 7.0 10.4



#48

Methyl methacrylate

Concen: 49.451 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

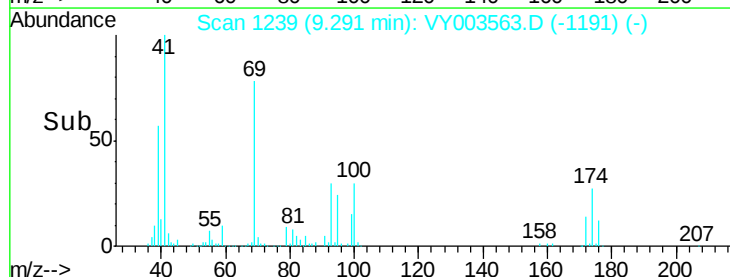
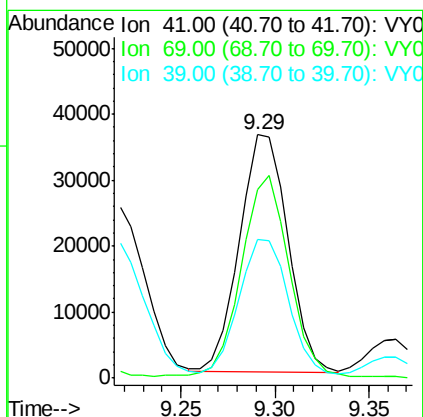
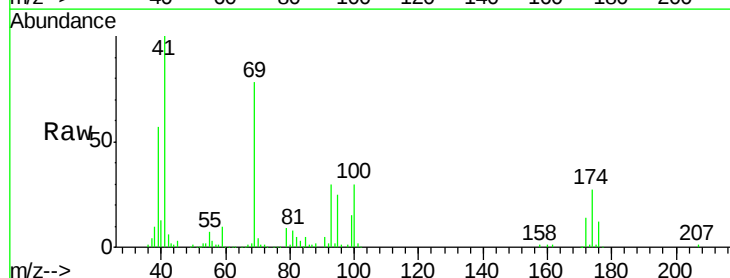
Tgt Ion: 41 Resp: 64150

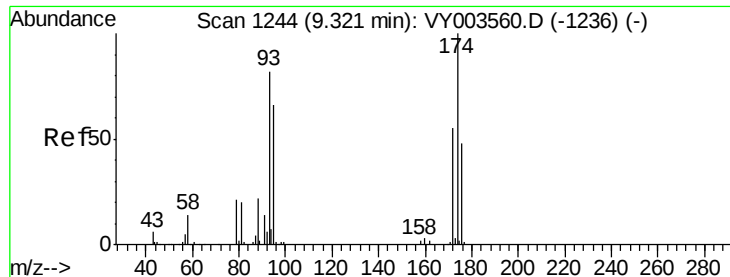
Ion Ratio Lower Upper

41 100

69 86.4 68.6 102.8

39 61.6 48.8 73.2





#49

1,4-Dioxane

Concen: 1011.143 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :

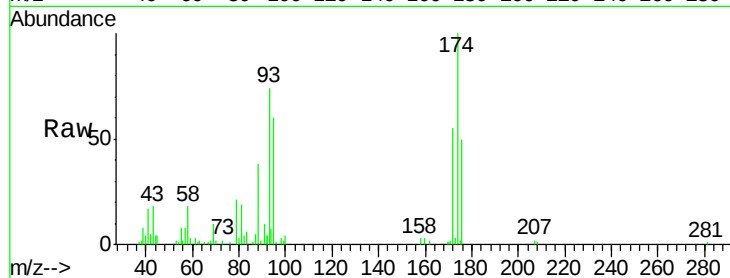
Tot Ion: 88 Resp: 11874

Ion Ratio Lower Upper

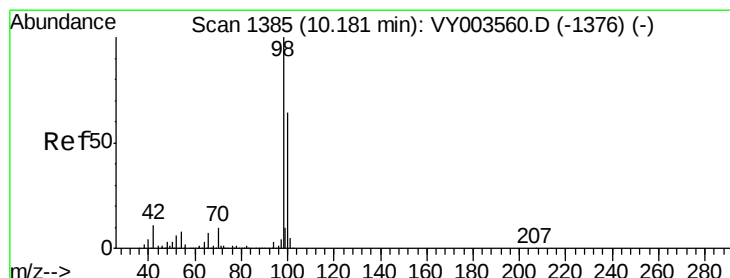
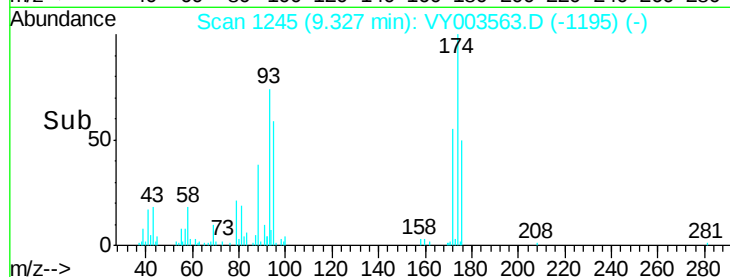
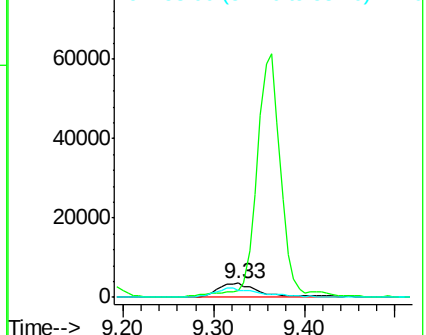
88 100

43 0.0 0.0 0.0

58 68.8 50.9 76.3



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: 48.143 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003563.D

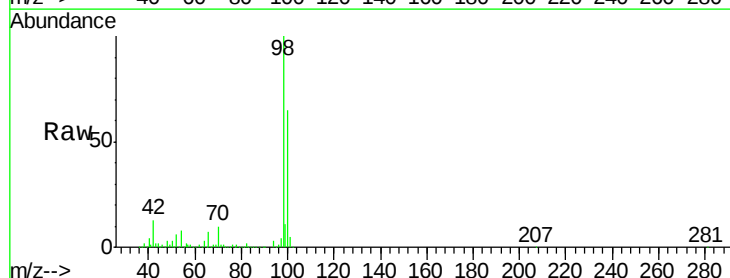
Acq: 20 Nov 2020 12:44

Tgt Ion: 98 Resp: 306130

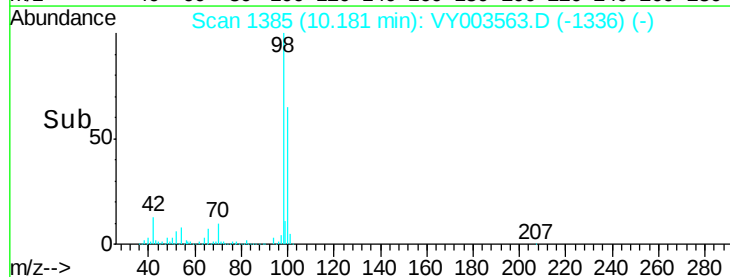
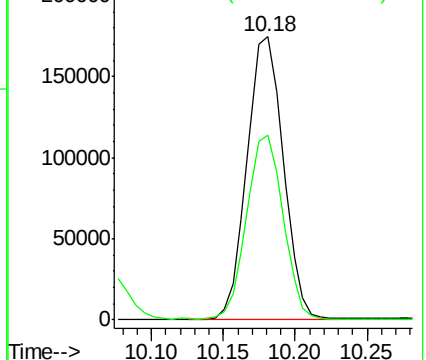
Ion Ratio Lower Upper

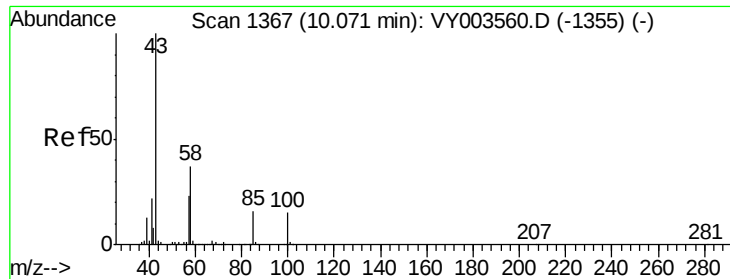
98 100

100 64.9 51.4 77.2



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

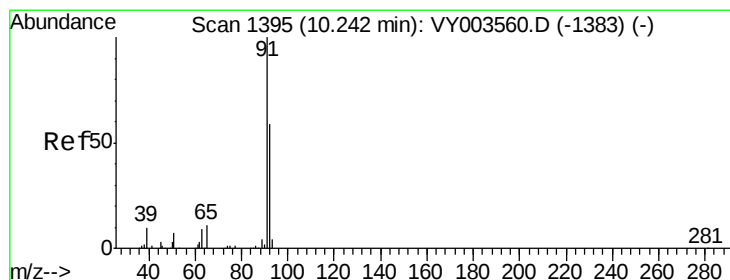
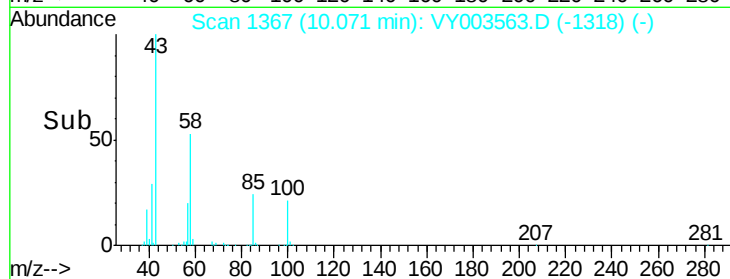
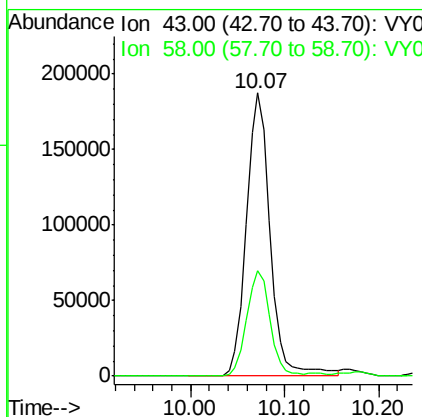
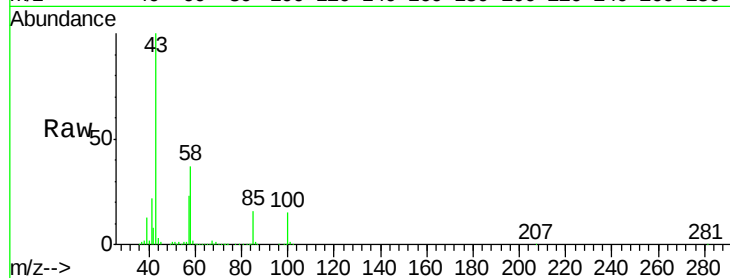




#51
4-Methyl-2-Pentanone
Concen: 255.812 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

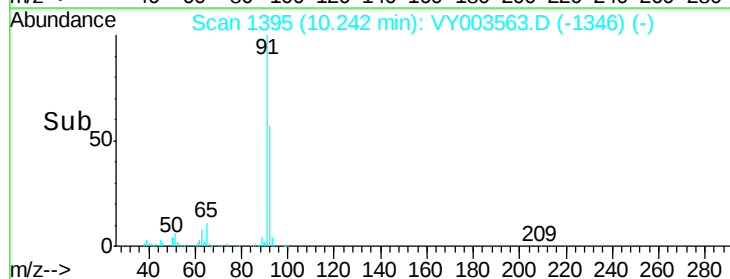
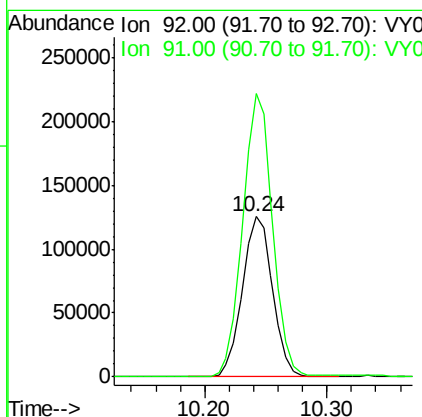
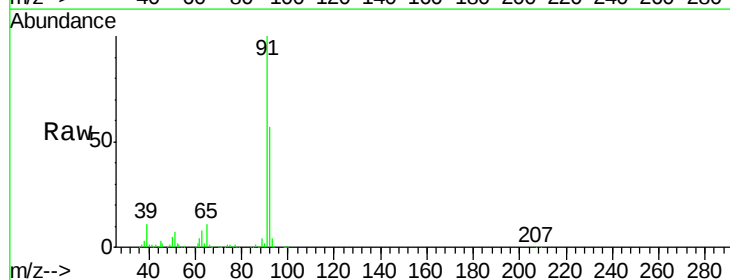
Instrument :
MSVOA_Y
ClientSampleId :

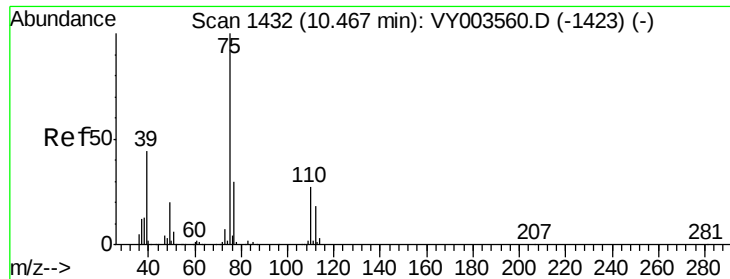
Tot Ion: 43 Resp: 332255
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.8



#52
Toluene
Concen: 48.566 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 92 Resp: 215892
Ion Ratio Lower Upper
92 100
91 174.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.432 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

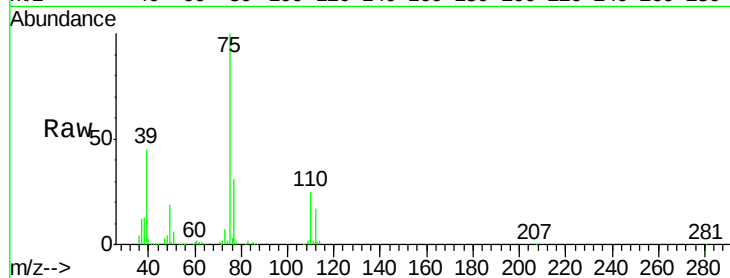
ClientSampleId :

Tot Ion: 75 Resp: 128496

Ion Ratio Lower Upper

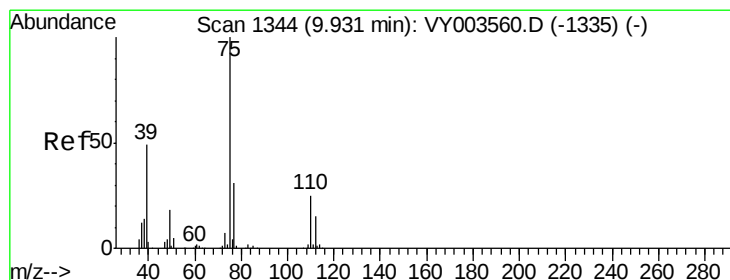
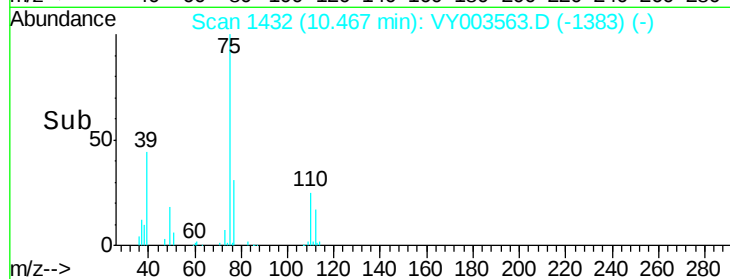
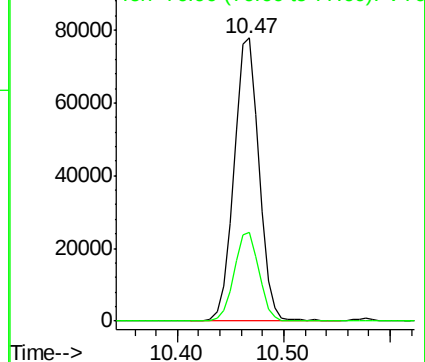
75 100

77 31.2 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.317 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

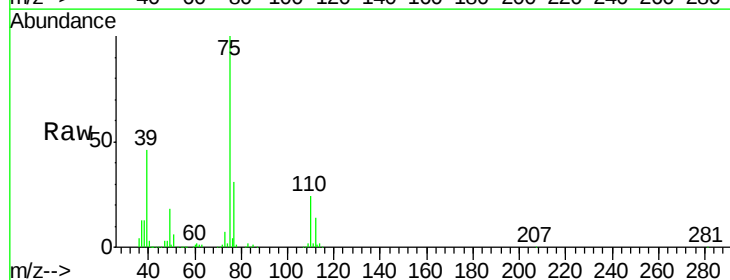
Tgt Ion: 75 Resp: 145917

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

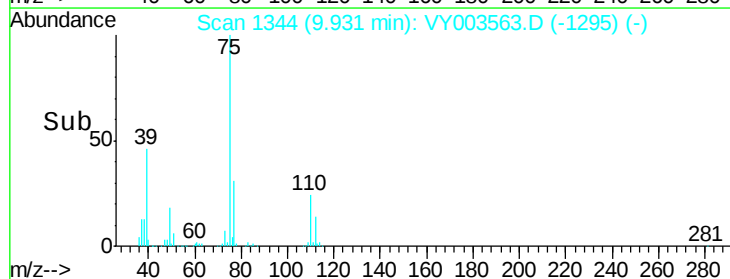
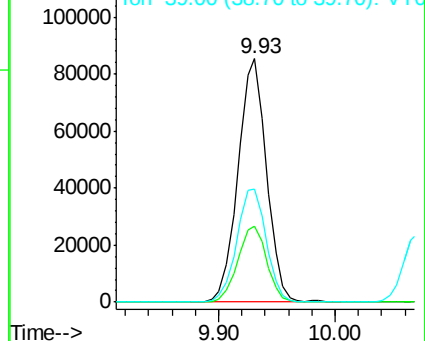
39 46.5 38.9 58.3

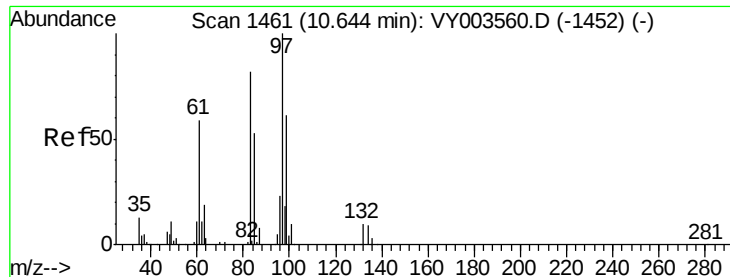


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

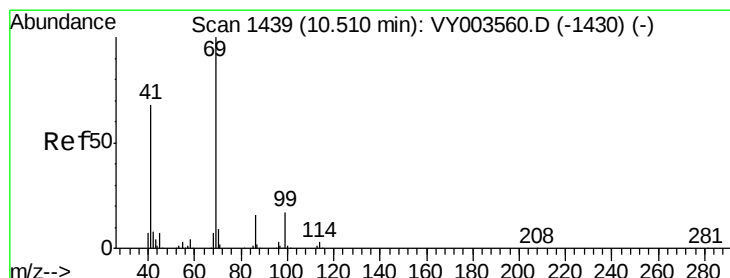
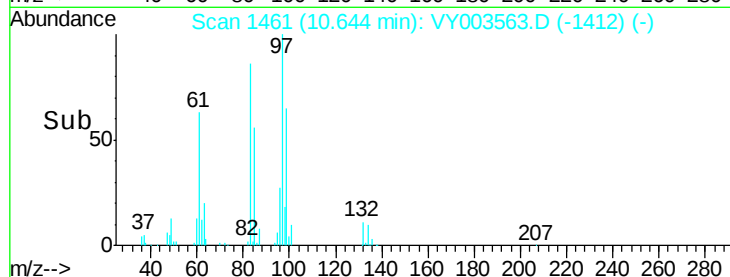
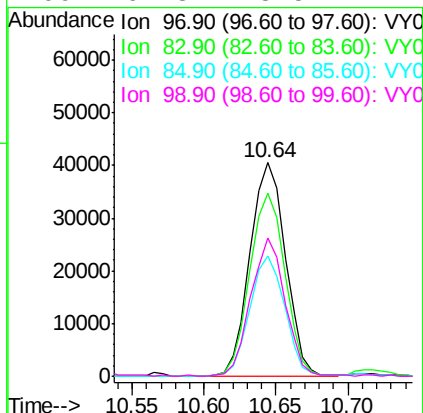
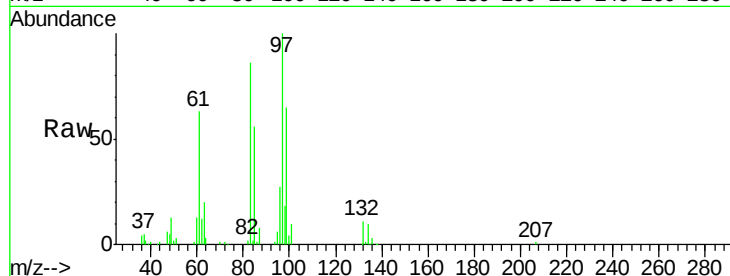




#55
 1,1,2-Trichloroethane
 Concen: 47.721 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

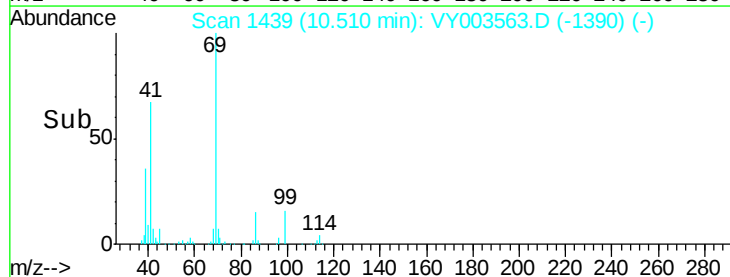
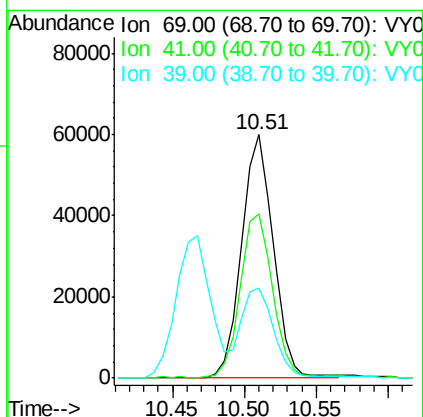
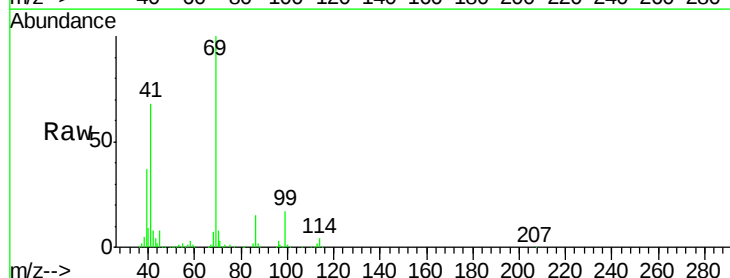
Instrument :
 MSVOA_Y
 ClientSampleId :

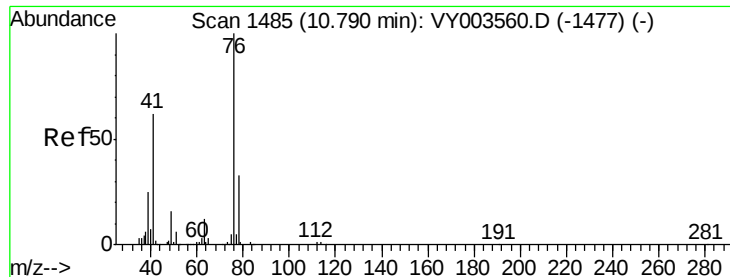
Tot Ion:	97	Resp:	69372
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.2	97.8
85	56.2	42.4	63.6
99	64.3	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 51.800 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion:	69	Resp:	91509
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.4	83.0
39	38.2	30.2	45.2





#57

1,3-Dichloropropane

Concen: 49.049 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

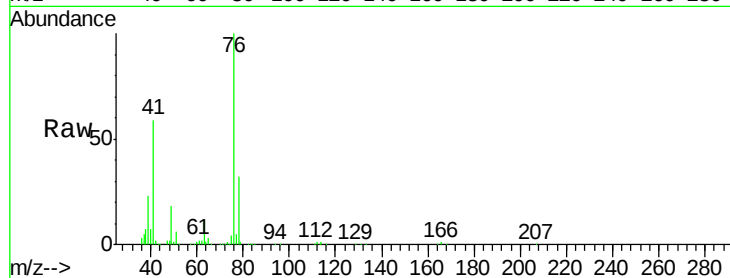
ClientSampleId :

Tot Ion: 76 Resp: 120684

Ion Ratio Lower Upper

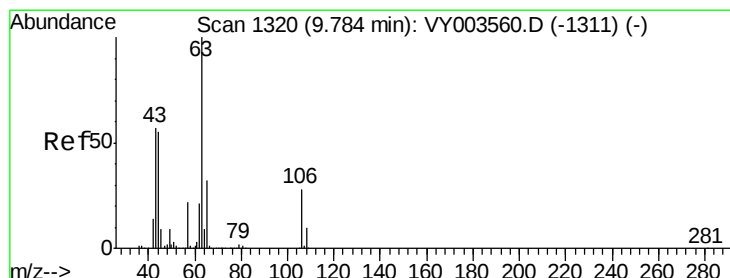
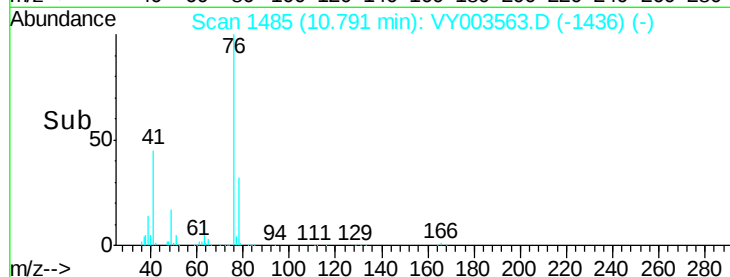
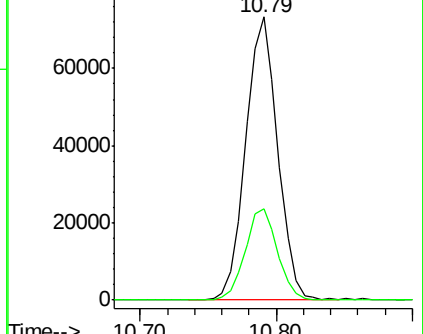
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 249.924 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003563.D

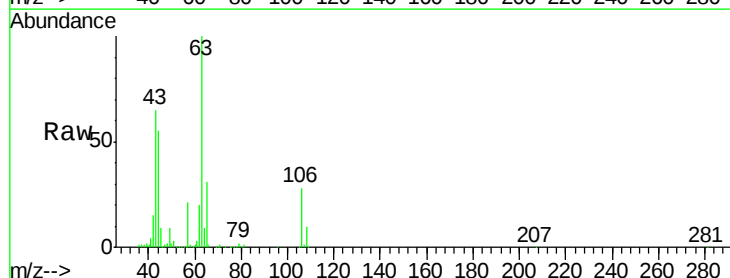
Acq: 20 Nov 2020 12:44

Tgt Ion: 63 Resp: 226578

Ion Ratio Lower Upper

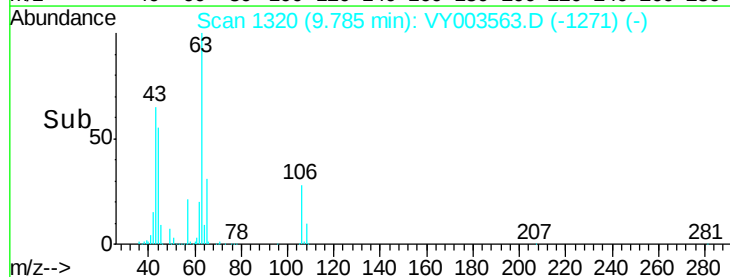
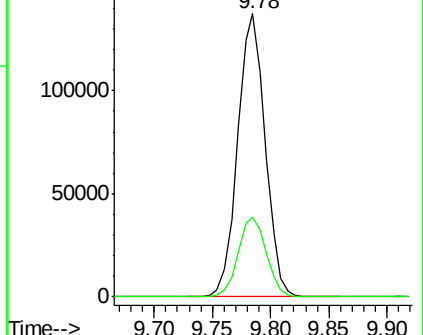
63 100

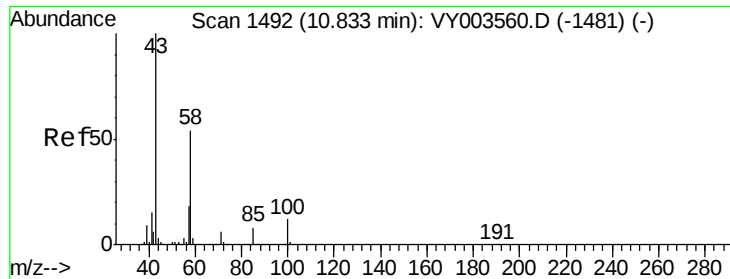
106 28.6 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

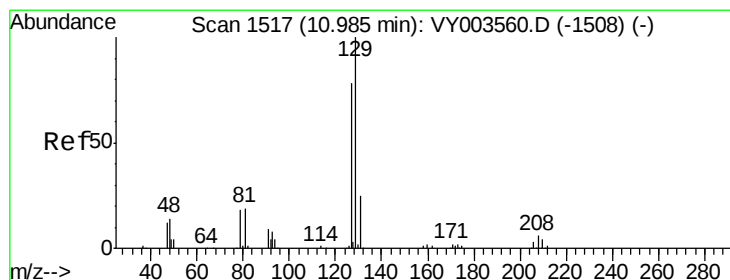
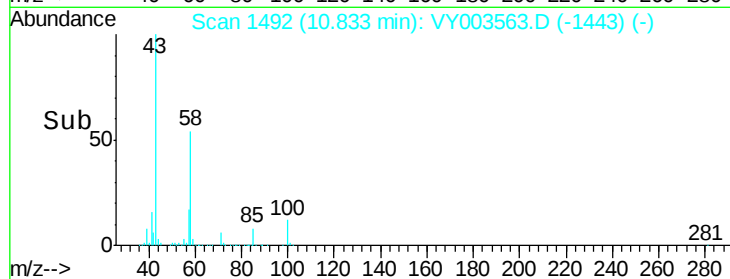
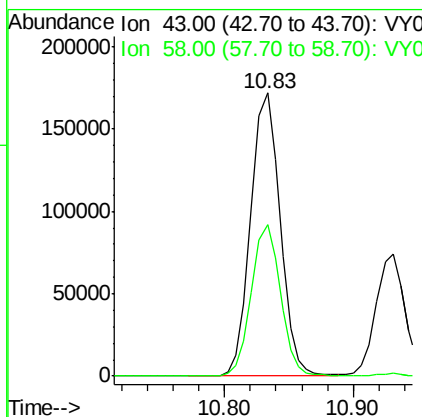
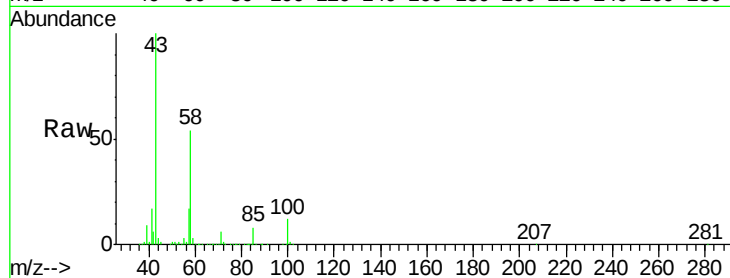




#59
2-Hexanone
Concen: 254.450 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

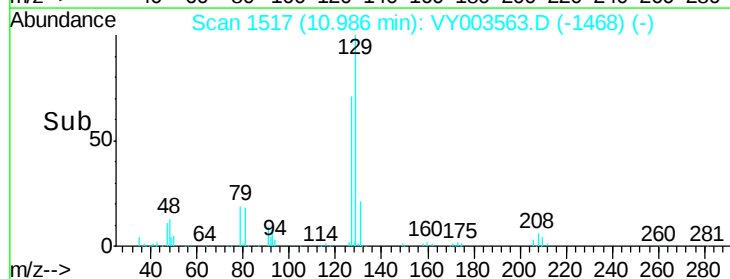
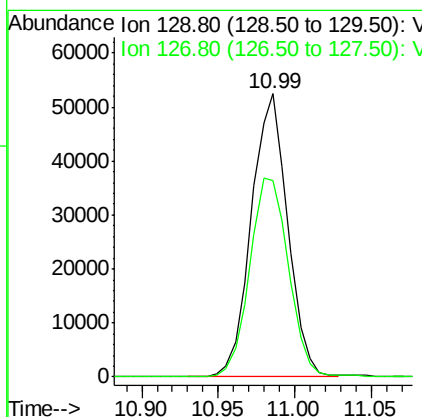
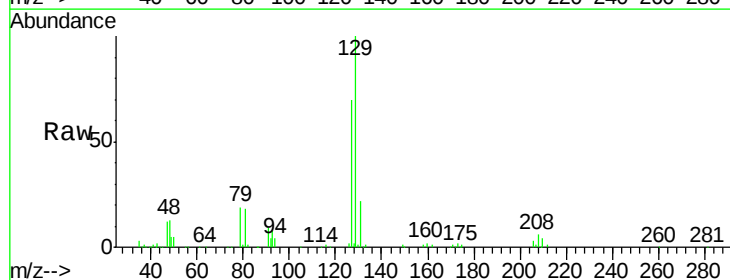
Instrument :
MSVOA_Y
ClientSampleId :

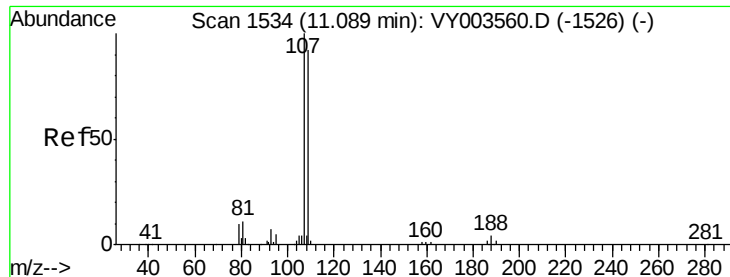
Tot Ion: 43 Resp: 272439
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 49.406 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 129 Resp: 86839
Ion Ratio Lower Upper
129 100
127 75.2 38.9 116.7

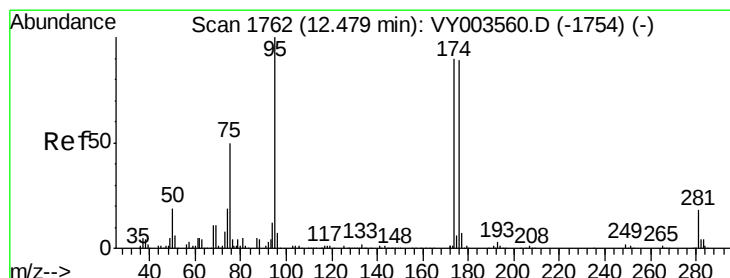
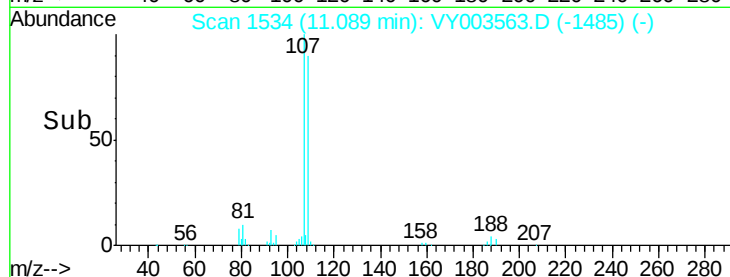
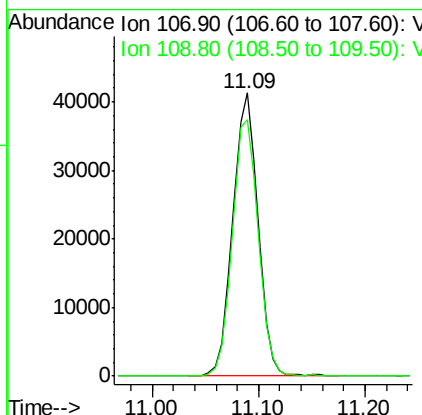
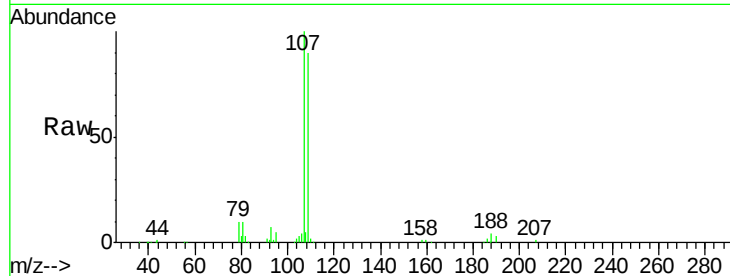




#61
 1,2-Dibromoethane
 Concen: 49.151 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

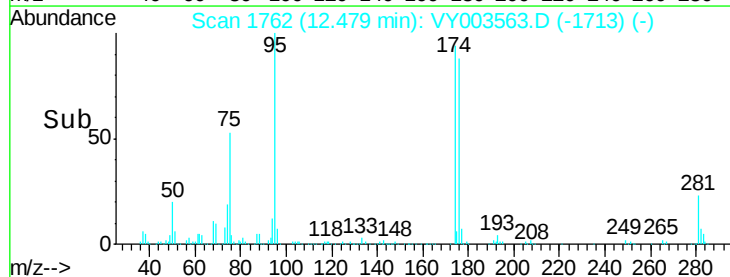
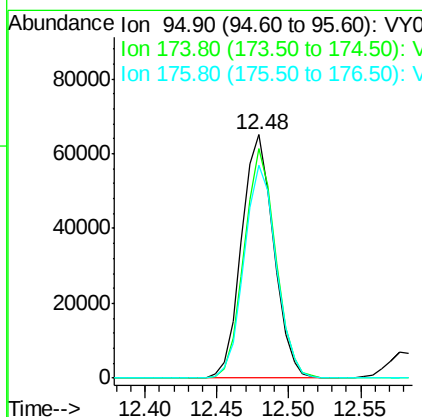
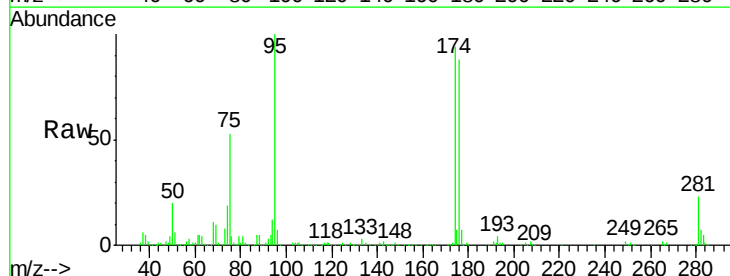
Instrument :
 MSVOA_Y
 ClientSampleId :

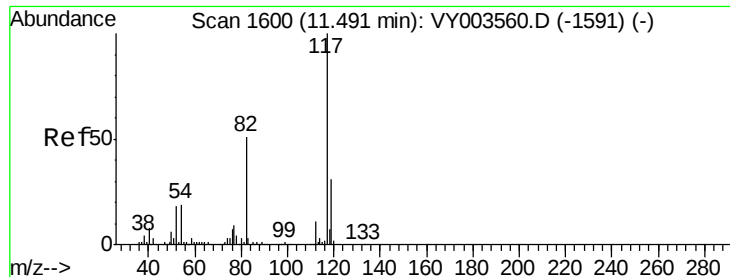
Tot Ion: 107 Resp: 68855
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.004 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion: 95 Resp: 100907
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 184.0
 176 87.3 0.0 180.4

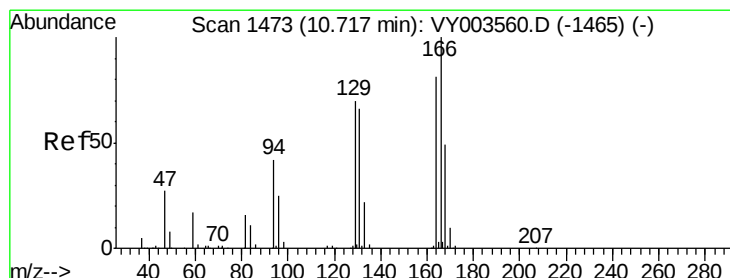
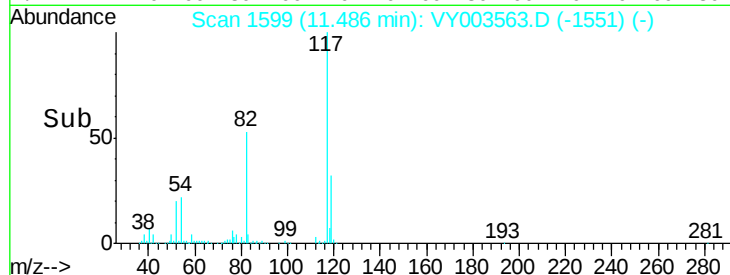
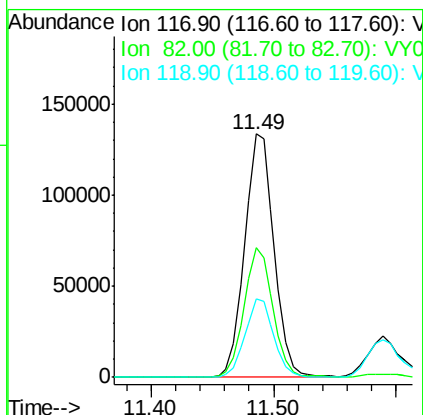
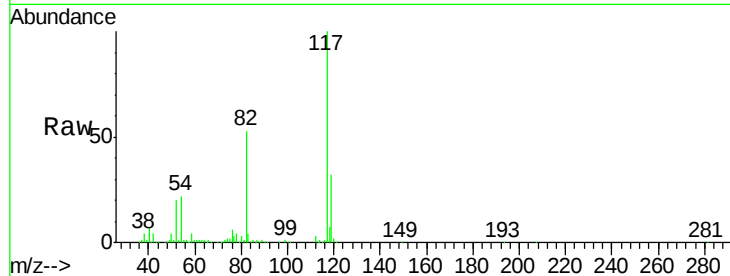




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

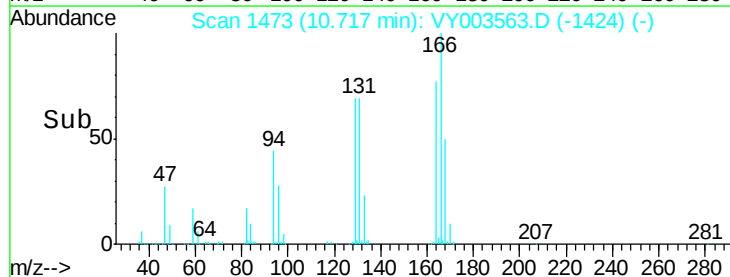
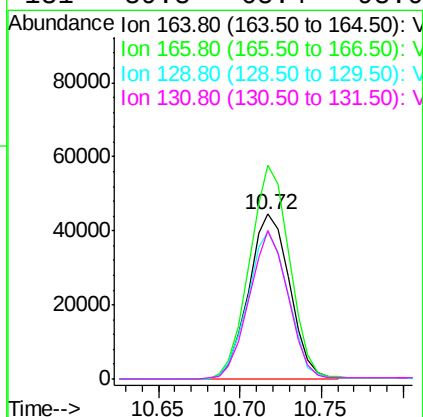
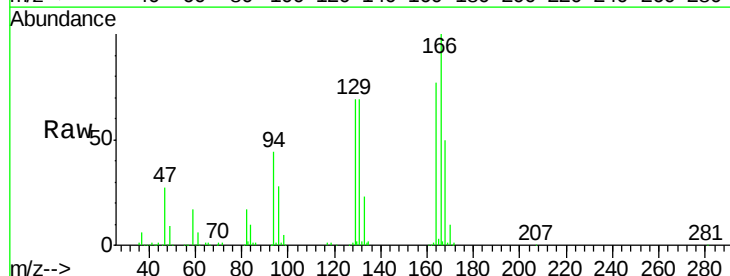
Instrument :
MSVOA_Y
ClientSampleId :

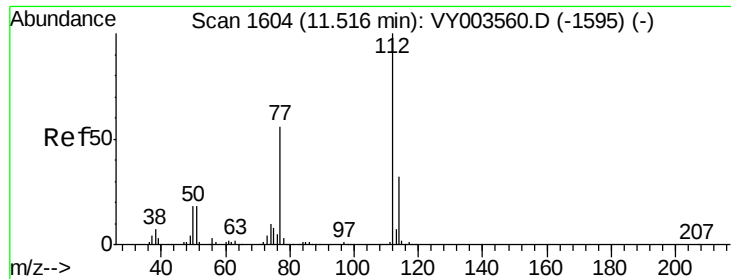
Tot Ion:117 Resp: 222414
Ion Ratio Lower Upper
117 100
82 53.1 41.0 61.6
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 47.022 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion:164 Resp: 78120
Ion Ratio Lower Upper
164 100
166 129.5 99.0 148.4
129 89.0 69.1 103.7
131 89.8 65.4 98.0





#65

Chlorobenzene

Concen: 48.258 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

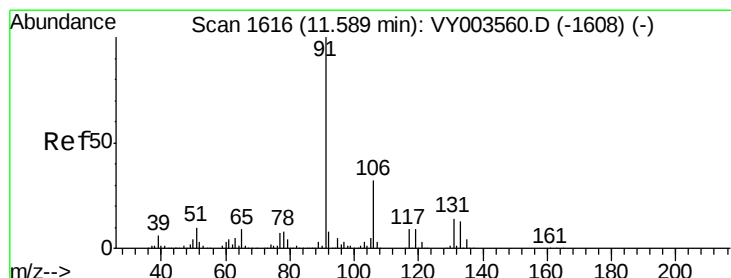
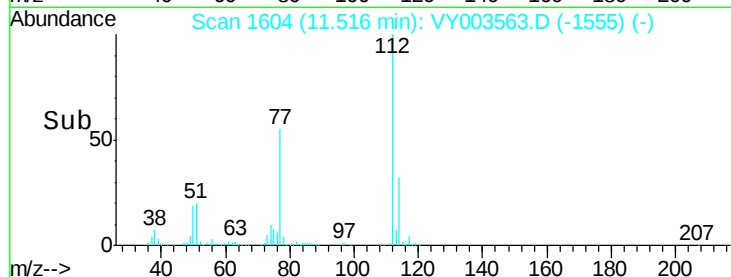
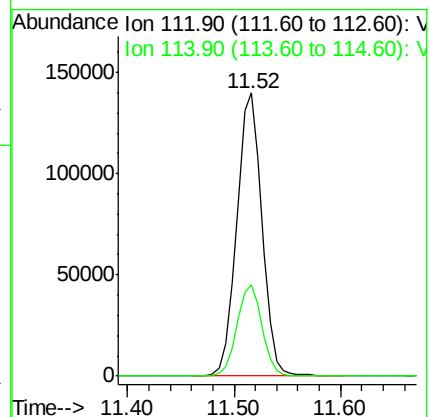
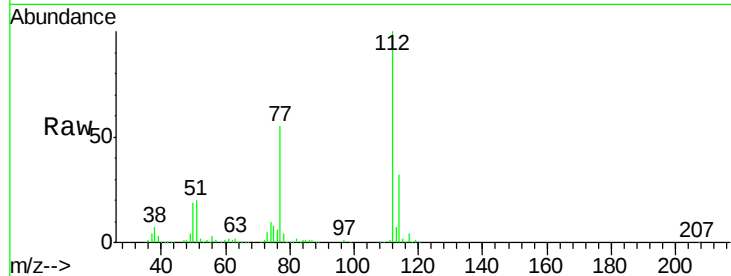
ClientSampleId :

Tot Ion:112 Resp: 232219

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.646 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

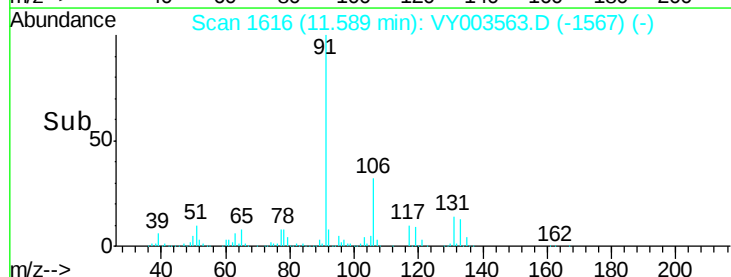
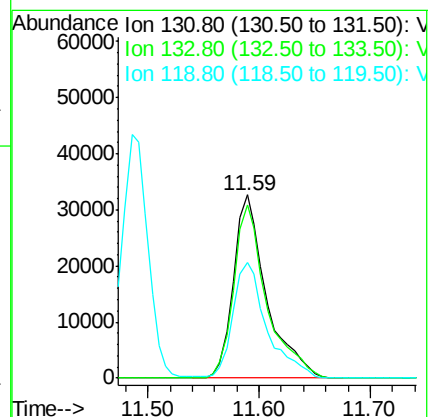
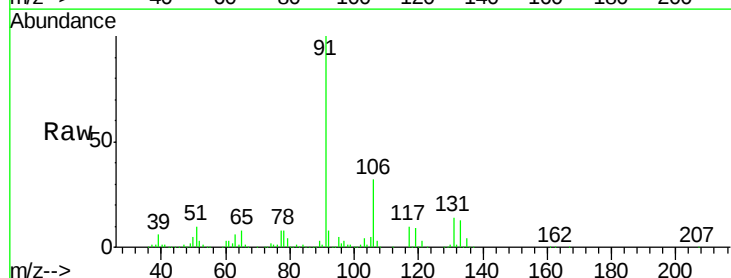
Tgt Ion:131 Resp: 67169

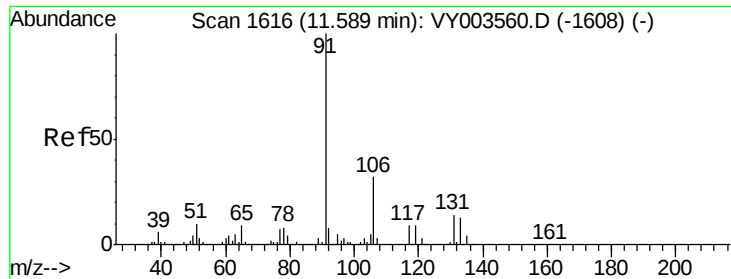
Ion Ratio Lower Upper

131 100

133 94.4 47.1 141.4

119 65.0 32.6 97.7

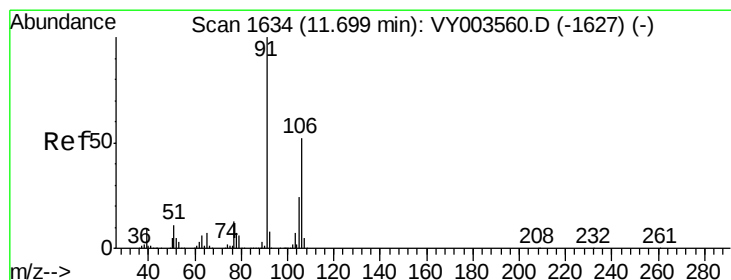
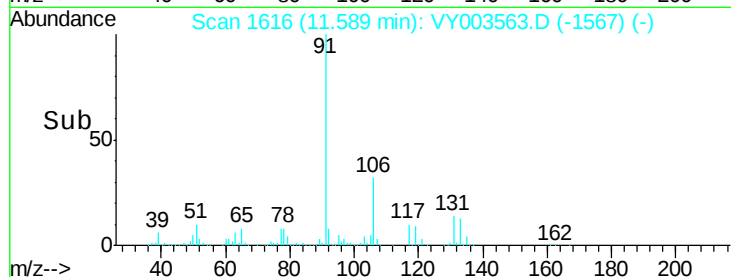
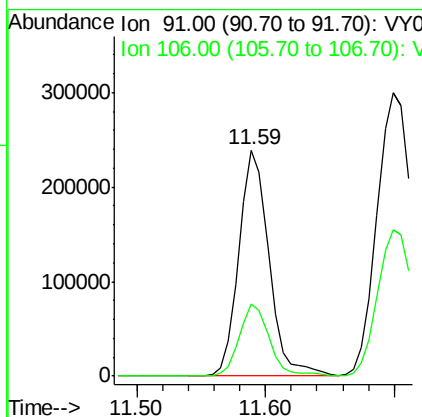
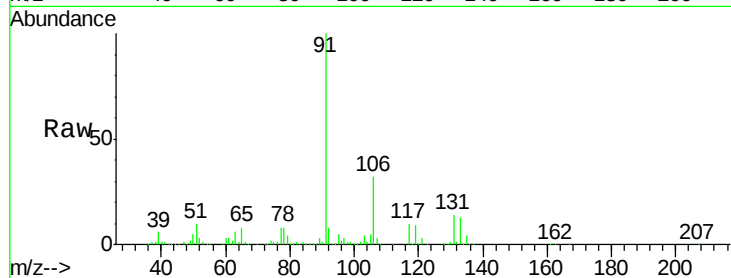




#67
Ethyl Benzene
Concen: 49.289 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

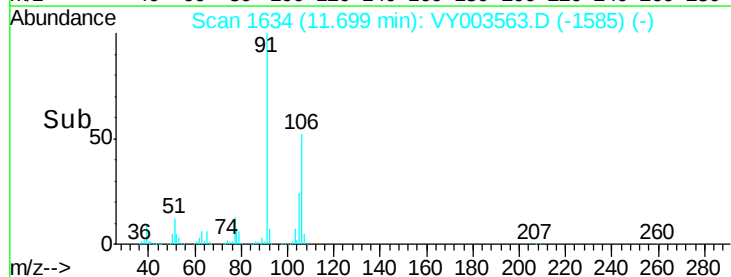
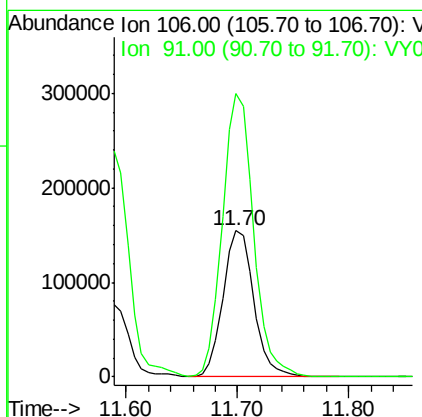
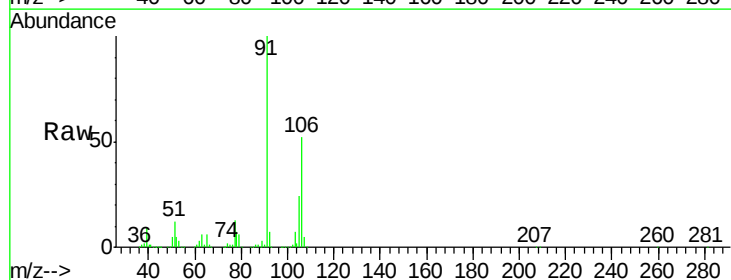
Instrument :
MSVOA_Y
ClientSampled :

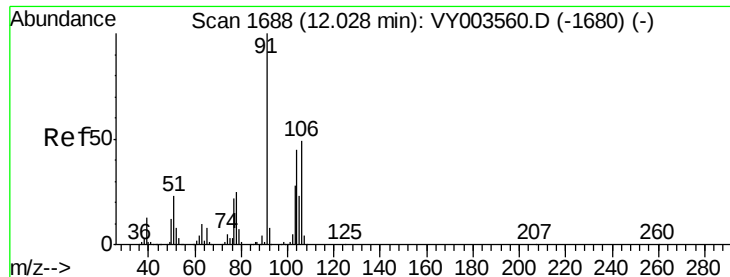
Tot Ion: 91 Resp: 388645
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 98.753 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion: 106 Resp: 298168
Ion Ratio Lower Upper
106 100
91 194.2 154.2 231.4

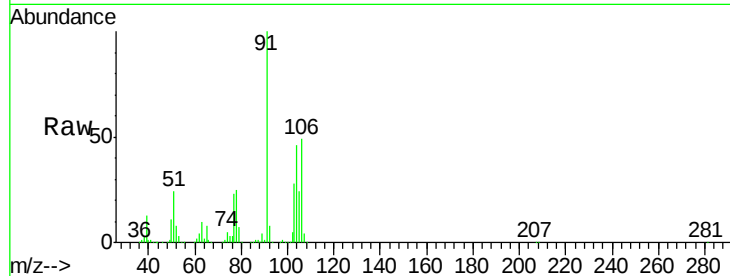




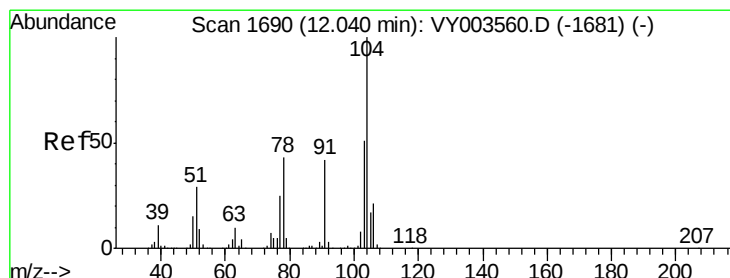
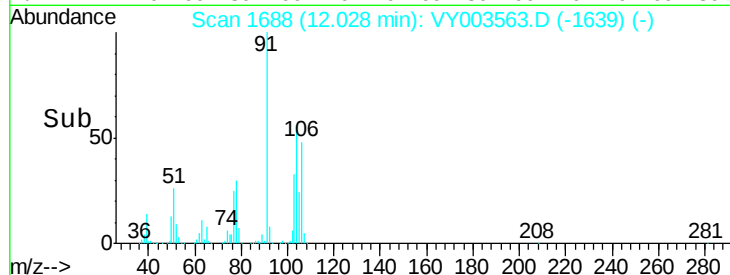
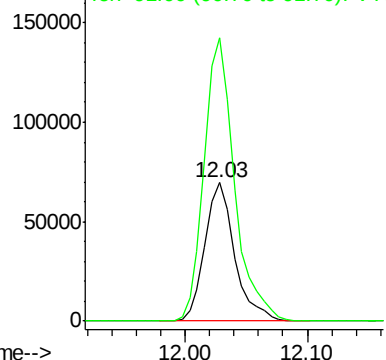
#69
o-Xylene
Concen: 48.588 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 117348
Ion Ratio Lower Upper
106 100
91 208.0 103.1 309.1

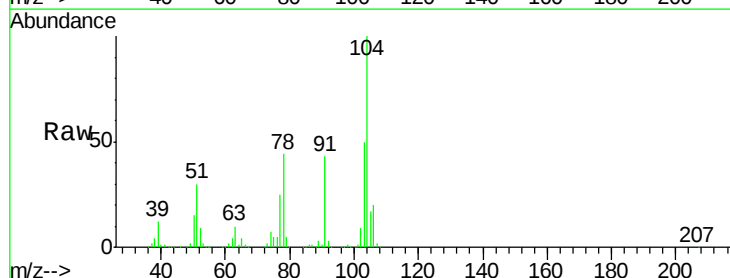


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

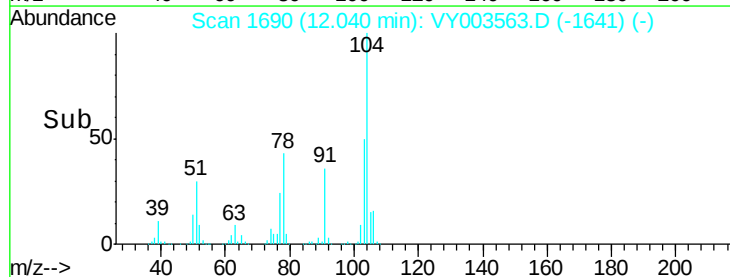
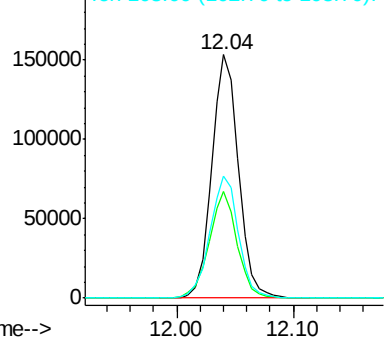


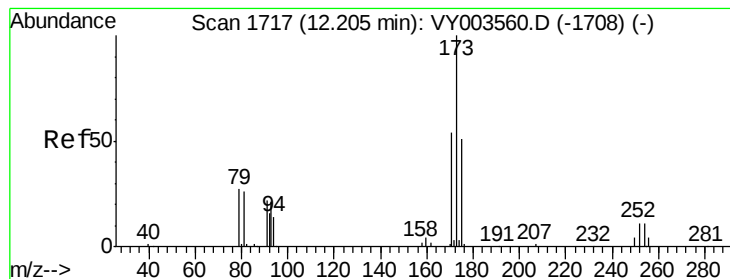
#70
Styrene
Concen: 50.303 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion:104 Resp: 244859
Ion Ratio Lower Upper
104 100
78 45.9 36.6 54.8
103 53.5 43.6 65.4



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





#71

Bromoform

Concen: 49.024 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

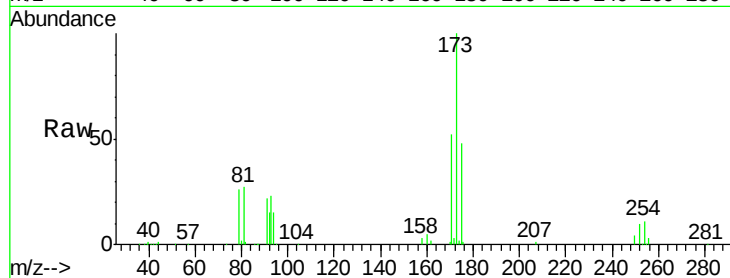
Tot Ion:173 Resp: 54664

Ion Ratio Lower Upper

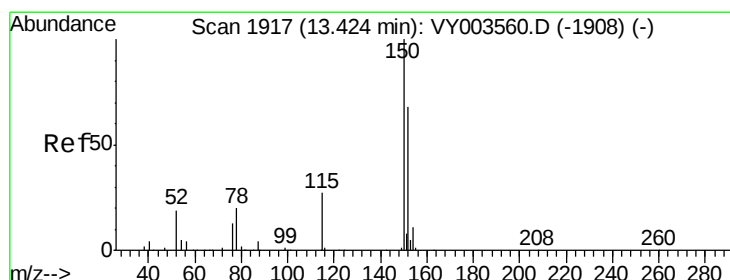
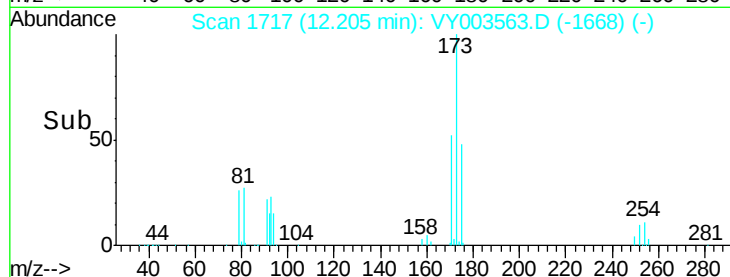
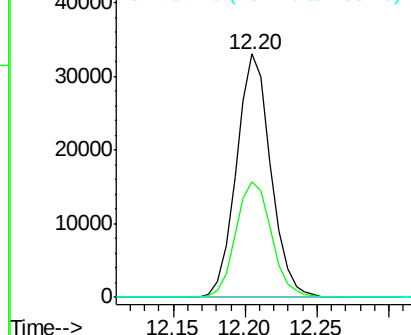
173 100

175 49.5 24.6 73.6

254 0.1 0.1 0.1#



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: VY003563.D

Acq: 20 Nov 2020 12:44

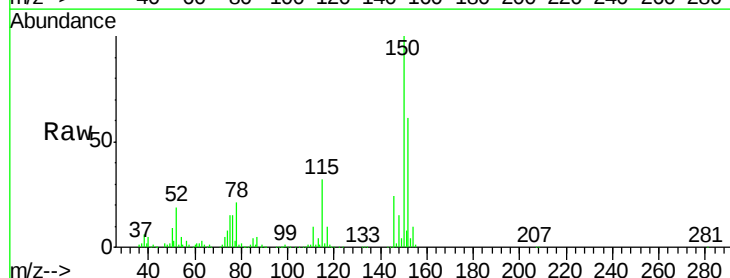
Tgt Ion:152 Resp: 107799

Ion Ratio Lower Upper

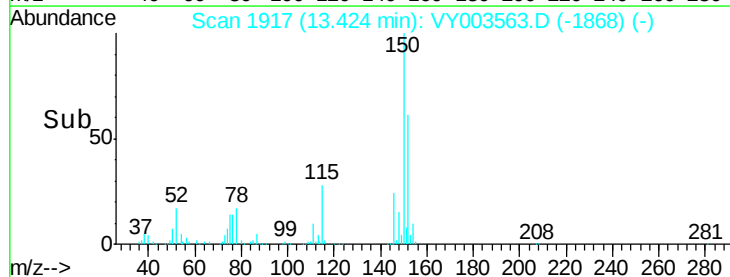
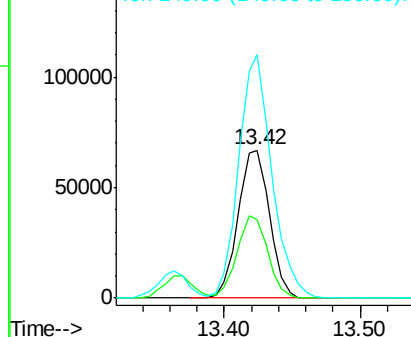
152 100

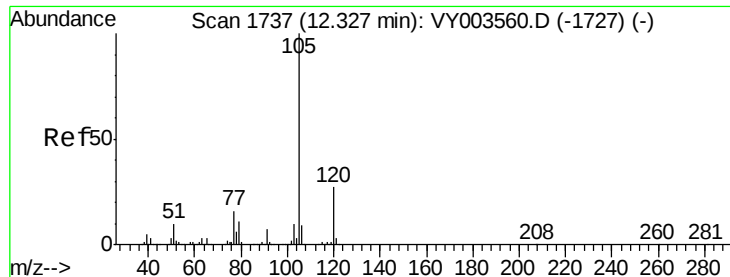
115 54.5 27.4 82.0

150 173.2 0.0 349.6



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





#73

Isopropylbenzene

Concen: 48.109 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

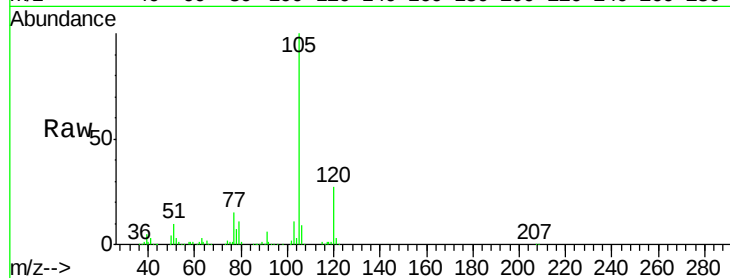
ClientSampleId :

Tot Ion: 105 Resp: 258326

Ion Ratio Lower Upper

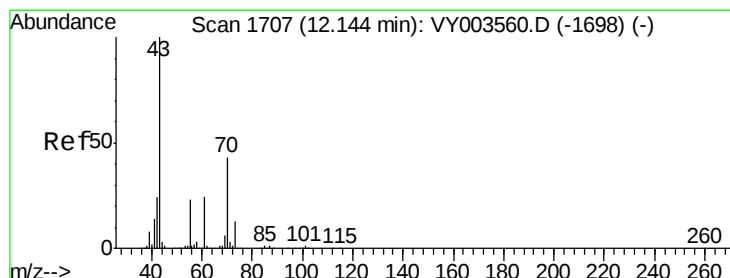
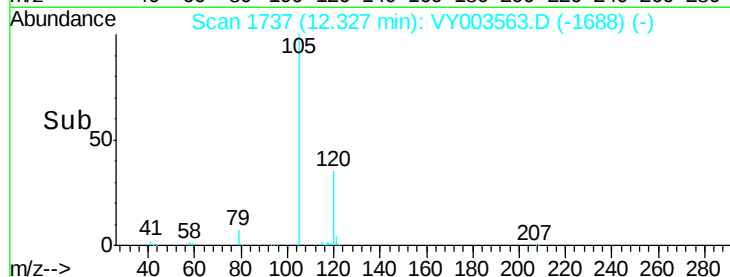
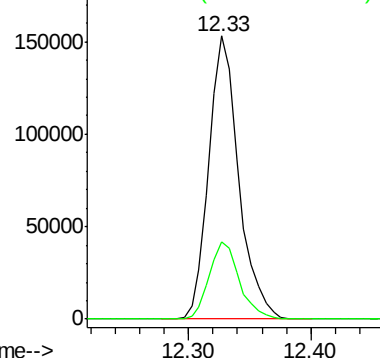
105 100

120 27.8 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.616 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion: 43 Resp: 109761

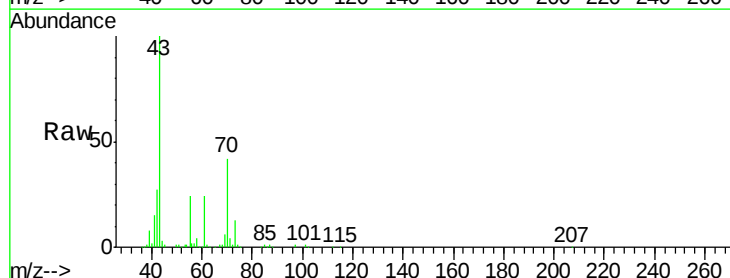
Ion Ratio Lower Upper

43 100

70 40.8 32.2 48.4

55 23.3 18.6 28.0

61 22.7 18.6 28.0

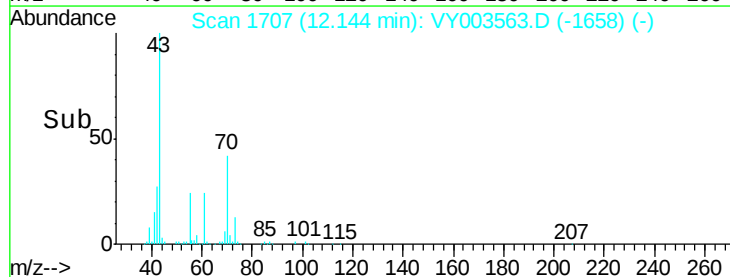
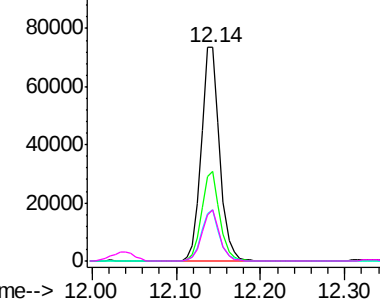


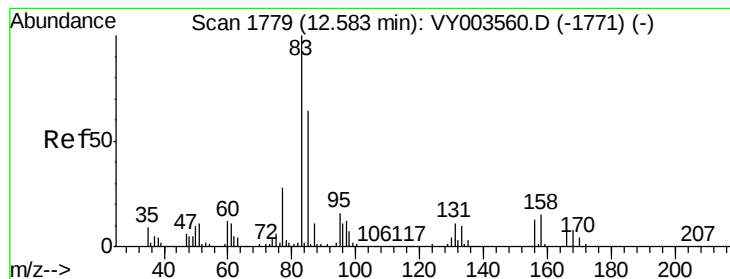
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 48.995 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampled :

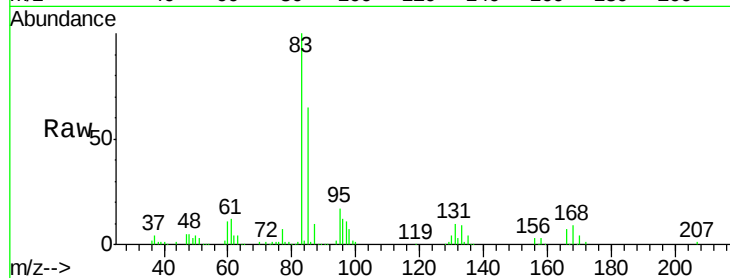
Tot Ion: 83 Resp: 73207

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

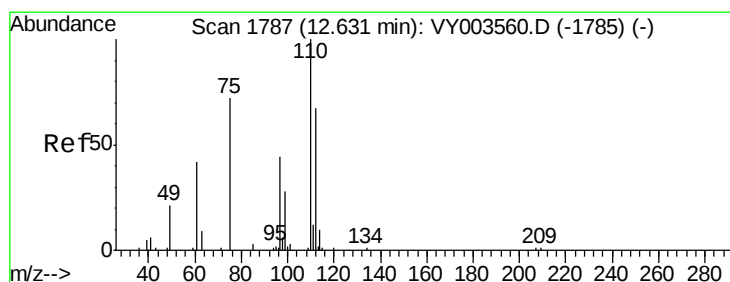
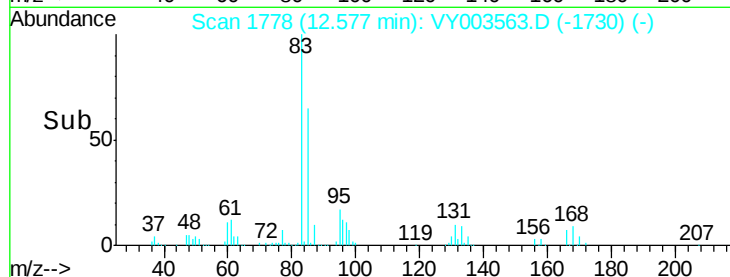
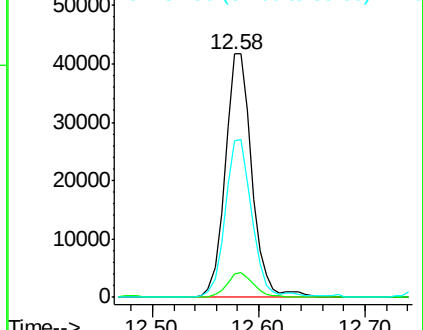
85 65.3 32.5 97.4



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: 100.339 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003563.D

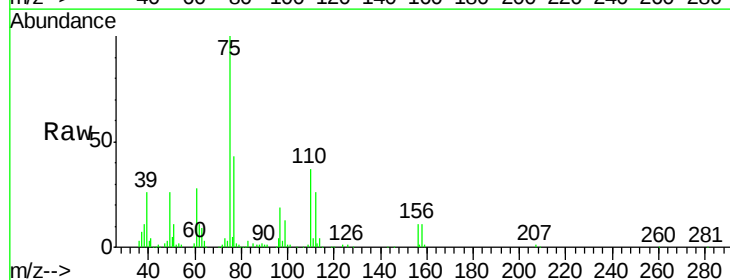
Acq: 20 Nov 2020 12:44

Tgt Ion: 75 Resp: 104864

Ion Ratio Lower Upper

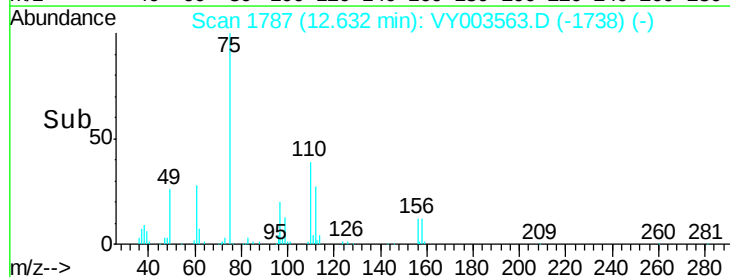
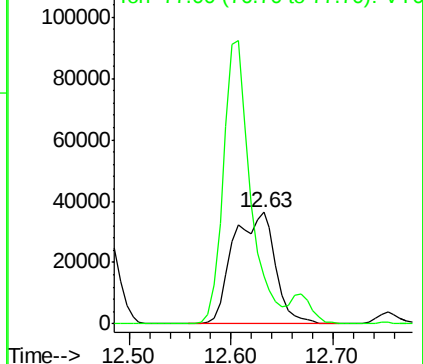
75 100

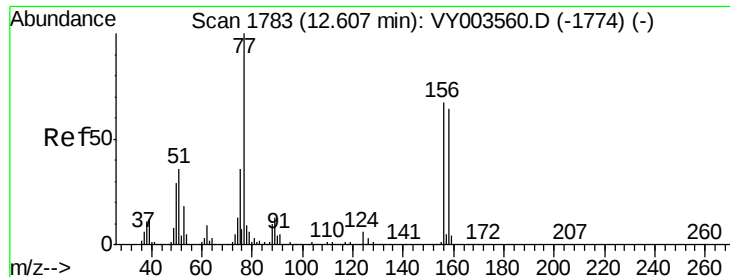
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.361 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

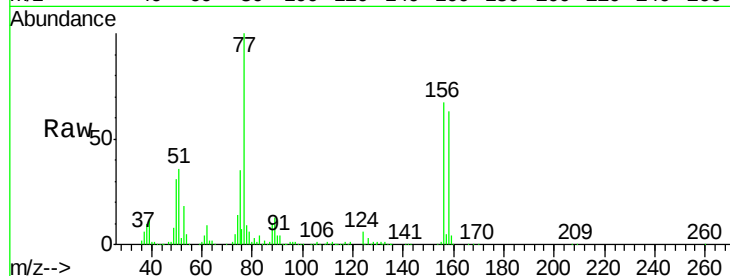
Tot Ion:156 Resp: 97516

Ion Ratio Lower Upper

156 100

77 173.7 85.7 257.1

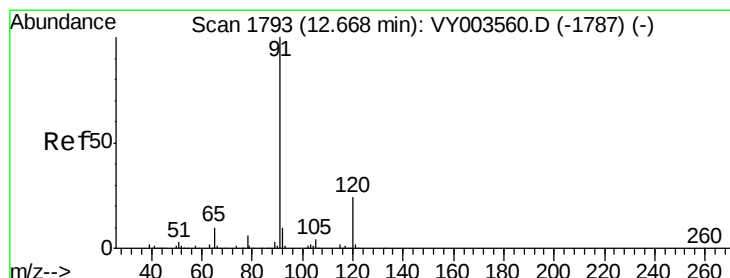
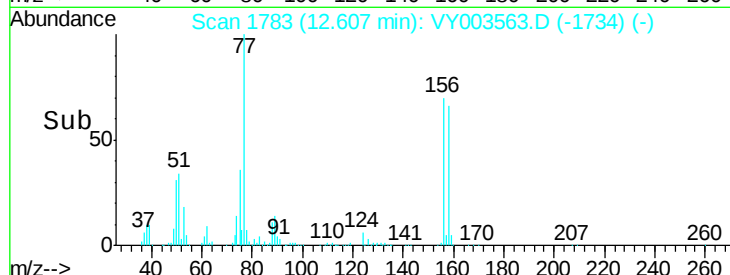
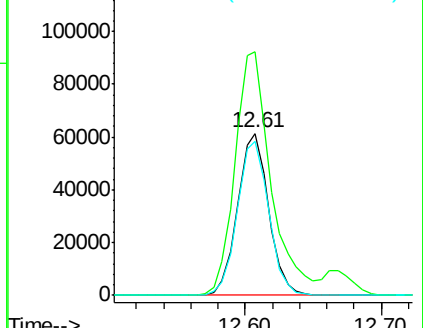
158 96.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.341 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003563.D

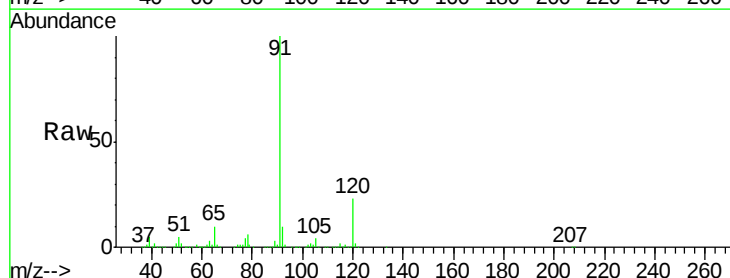
Acq: 20 Nov 2020 12:44

Tgt Ion: 91 Resp: 372213

Ion Ratio Lower Upper

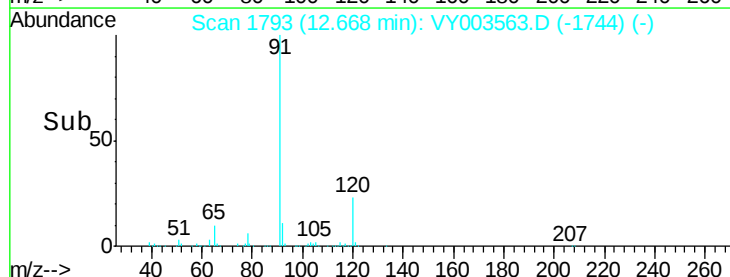
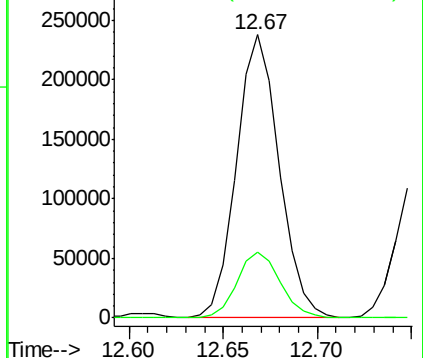
91 100

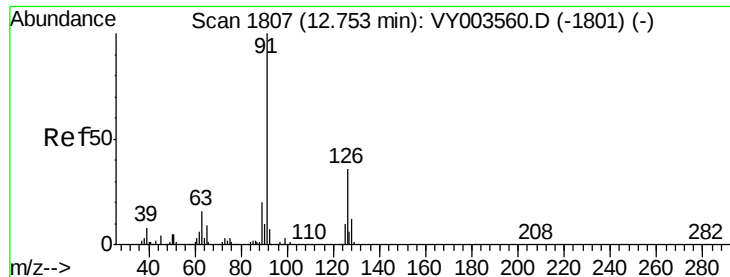
120 23.6 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.939 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

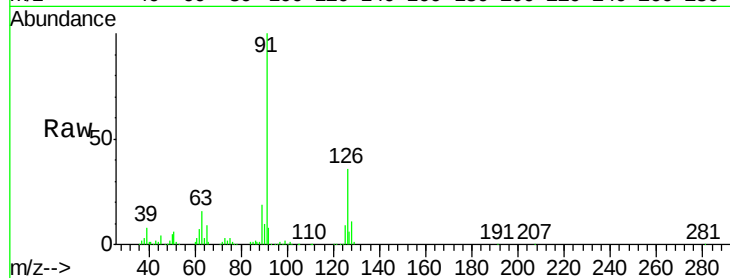
ClientSampleId :

Tot Ion: 91 Resp: 213099

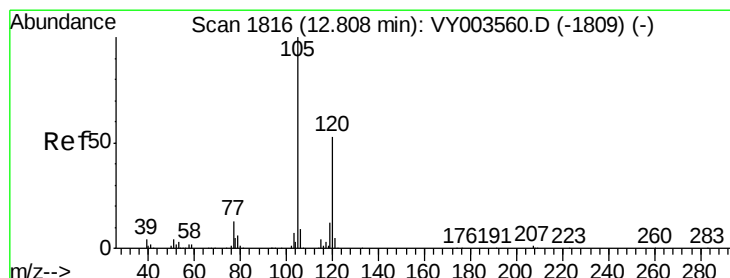
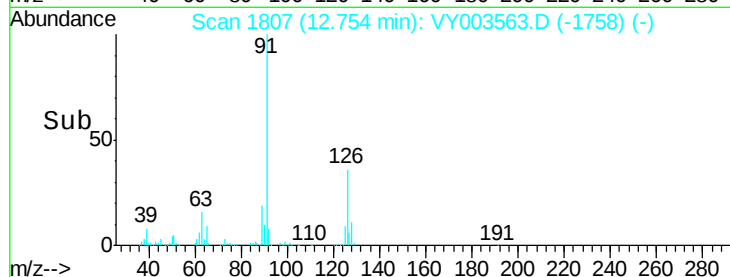
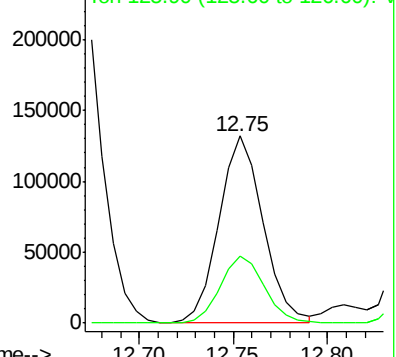
Ion Ratio Lower Upper

91 100

126 36.1 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VY003563.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.260 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003563.D

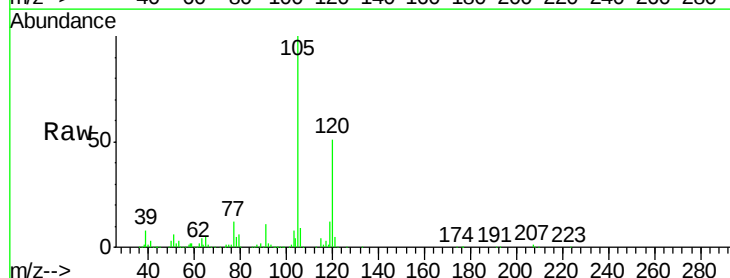
Acq: 20 Nov 2020 12:44

Tgt Ion:105 Resp: 194767

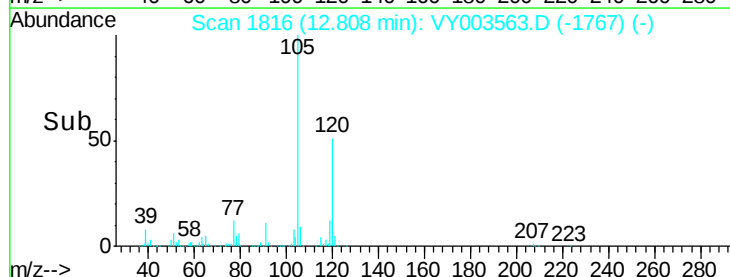
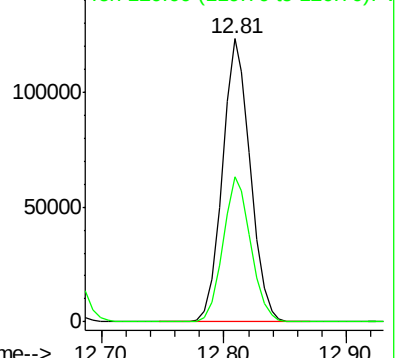
Ion Ratio Lower Upper

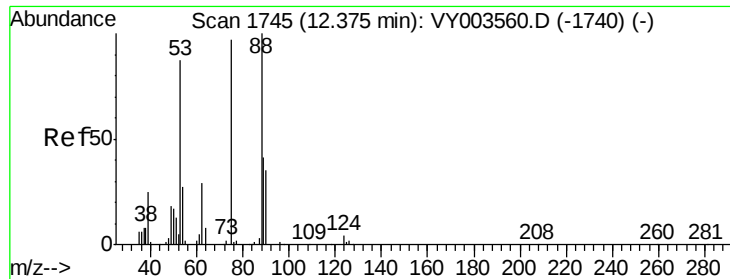
105 100

120 51.1 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): VY003563.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.606 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

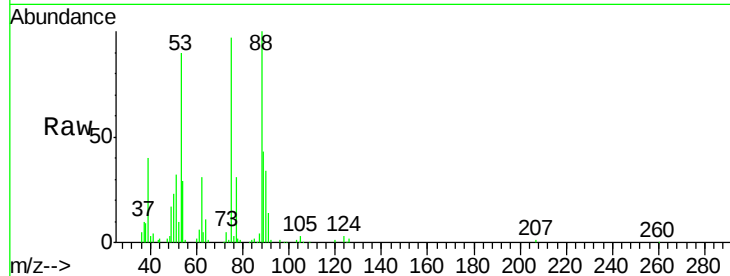
Tot Ion: 75 Resp: 32612

Ion Ratio Lower Upper

75 100

53 90.9 71.4 107.2

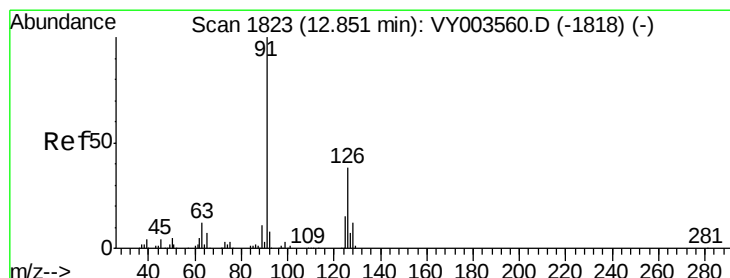
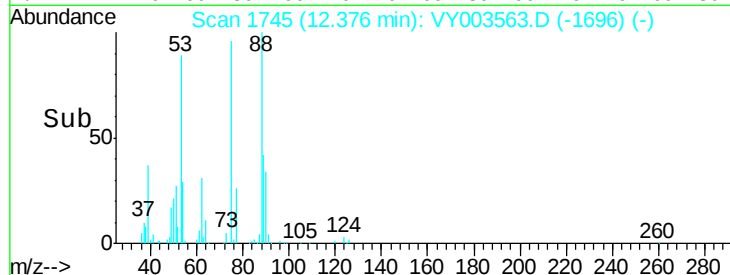
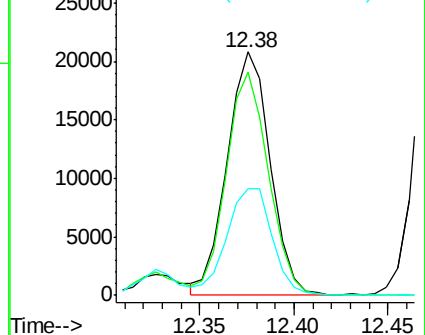
89 47.0 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VY003563.D (-1696) (-)

Ion 53.00 (52.70 to 53.70): VY003563.D (-1696) (-)

Ion 88.90 (88.60 to 89.60): VY003563.D (-1696) (-)



#82

4-Chlorotoluene

Concen: 50.267 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003563.D

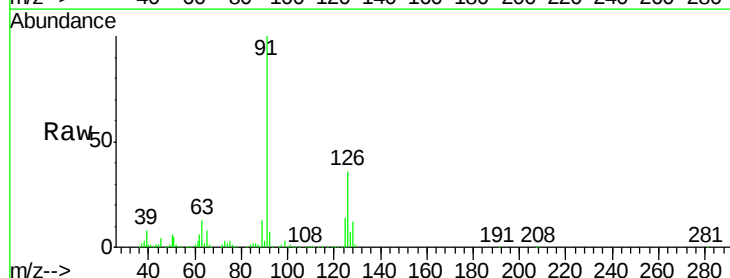
Acq: 20 Nov 2020 12:44

Tgt Ion: 91 Resp: 268174

Ion Ratio Lower Upper

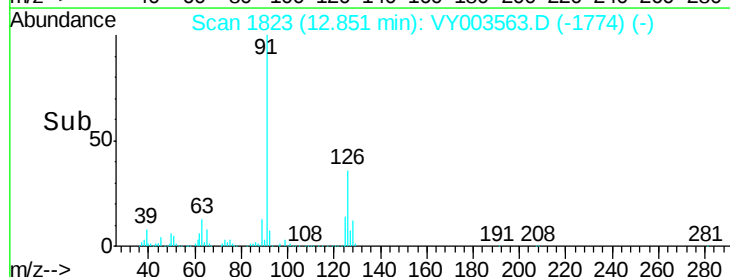
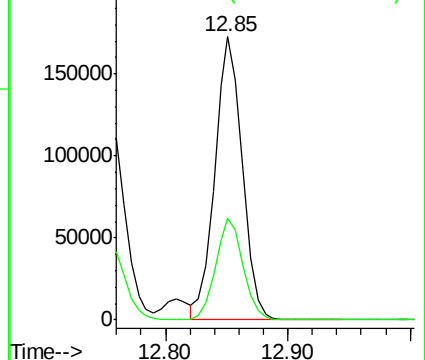
91 100

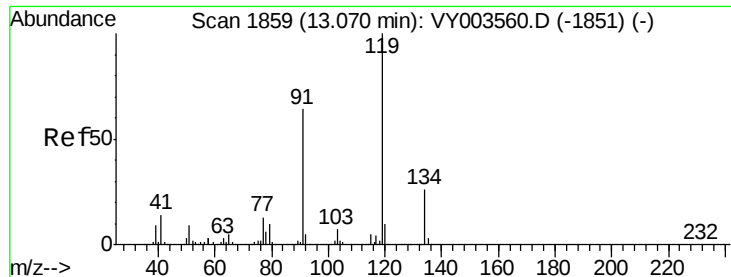
126 35.9 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VY003563.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VY003563.D (-1774) (-)





#83

tert-Butylbenzene

Concen: 48.861 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

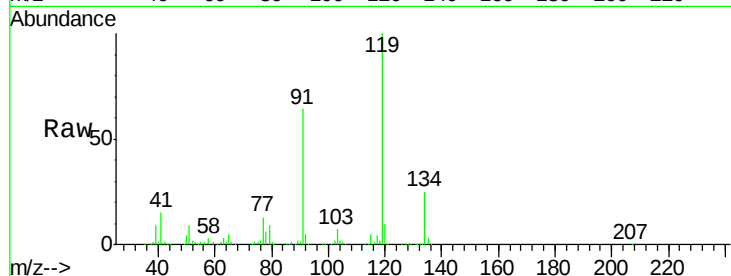
Tot Ion:119 Resp: 199603

Ion Ratio Lower Upper

119 100

91 64.2 31.8 95.3

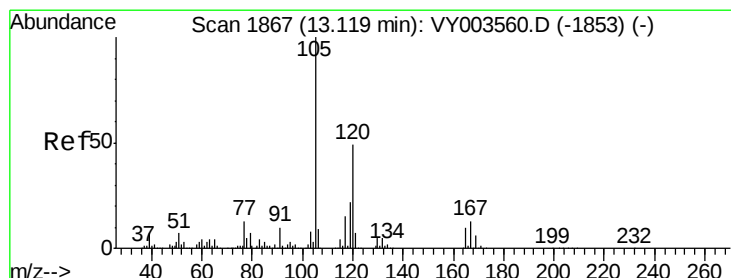
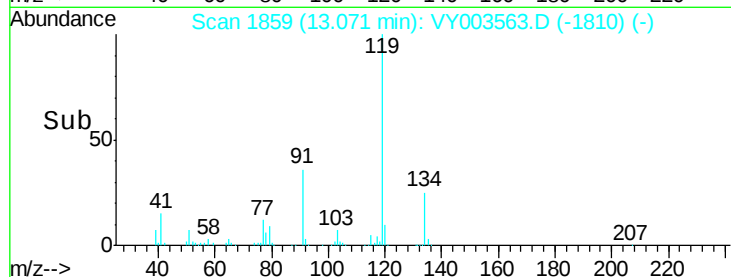
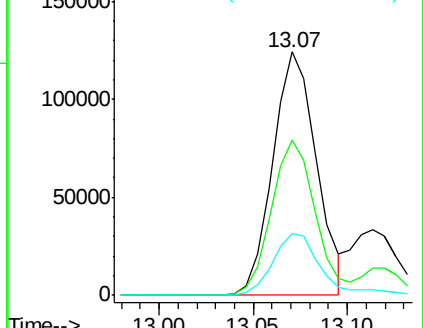
134 27.9 14.1 42.2



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: 49.966 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003563.D

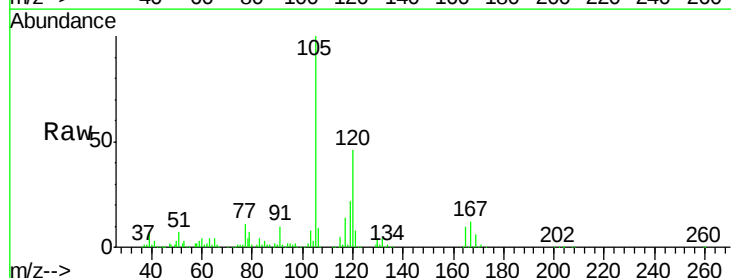
Acq: 20 Nov 2020 12:44

Tgt Ion:105 Resp: 214709

Ion Ratio Lower Upper

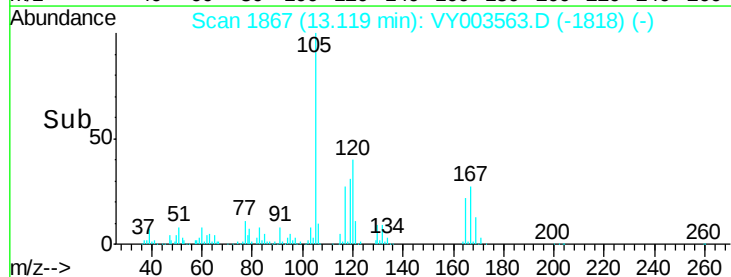
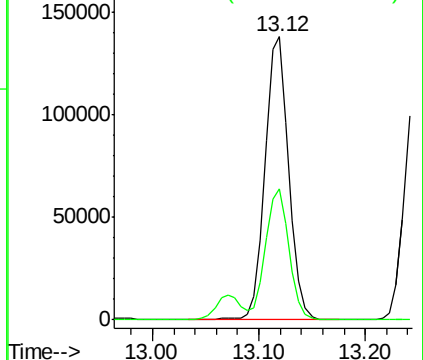
105 100

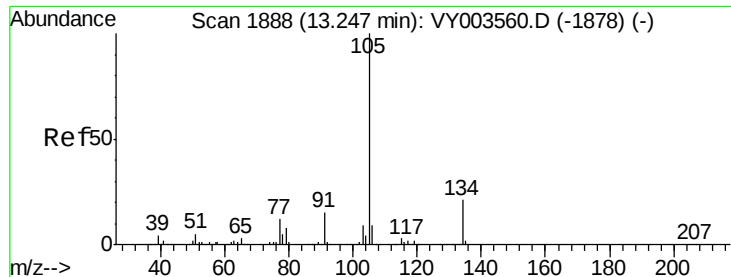
120 46.2 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

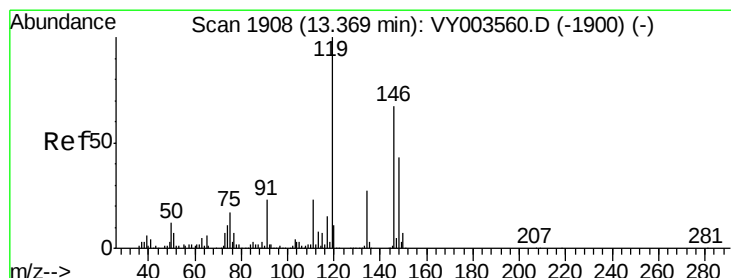
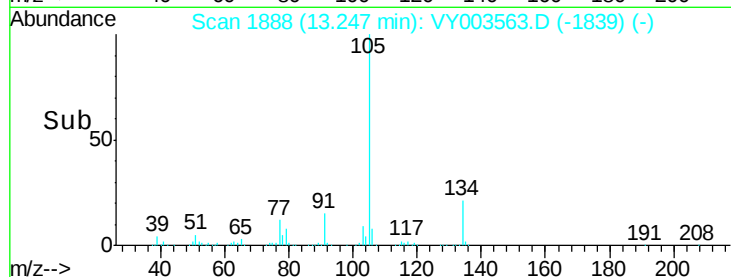
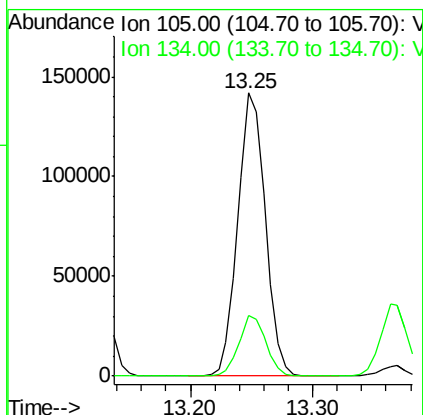
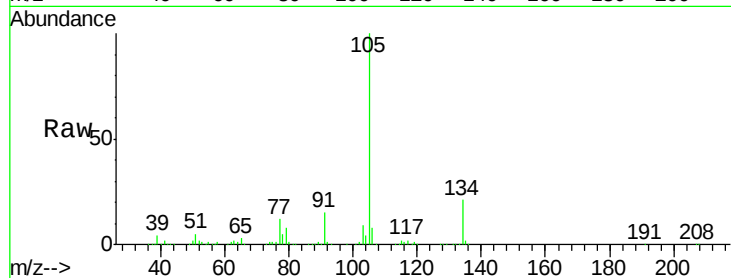




#85
 sec-Butylbenzene
 Concen: 47.719 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

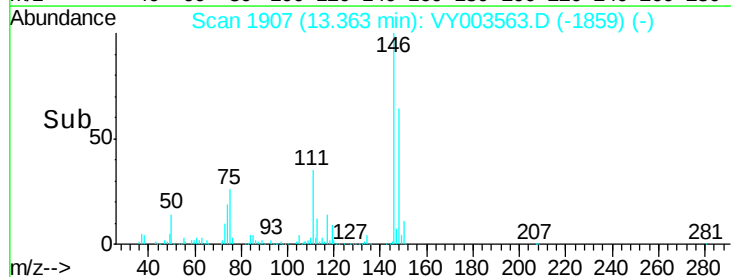
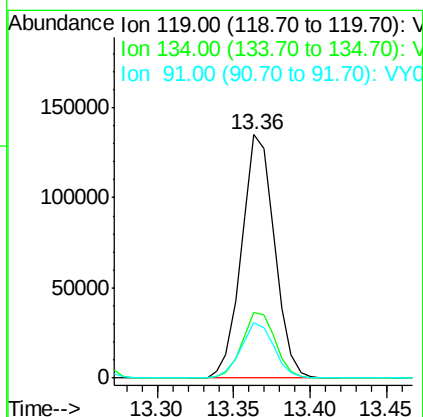
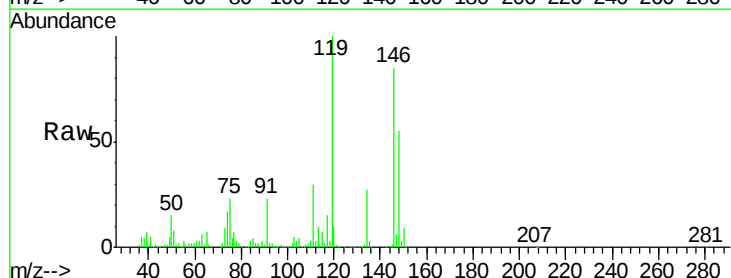
Instrument :
 MSVOA_Y
 ClientSampled :

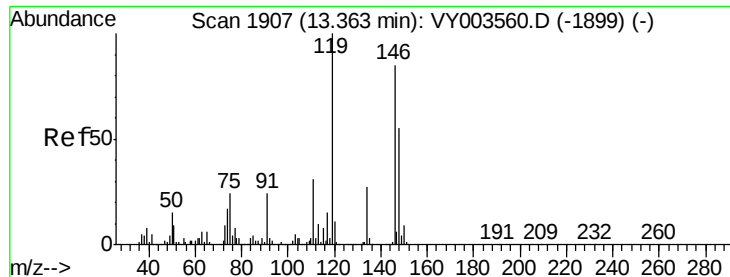
Tot Ion:105 Resp: 220654
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.481 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion:119 Resp: 201147
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.8 41.4
 91 23.0 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 49.065 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

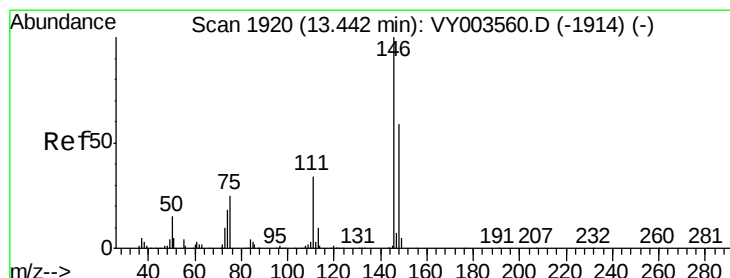
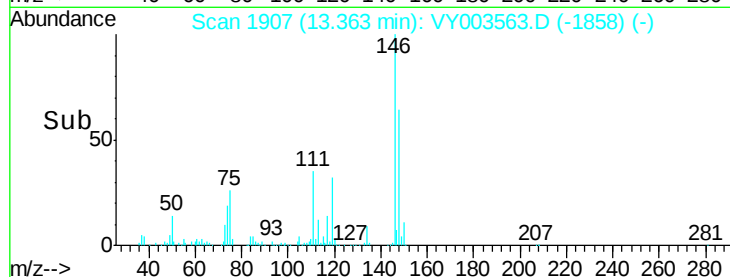
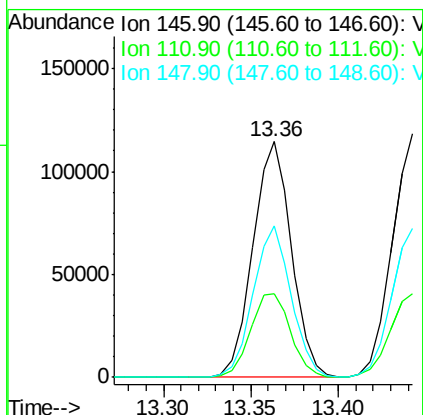
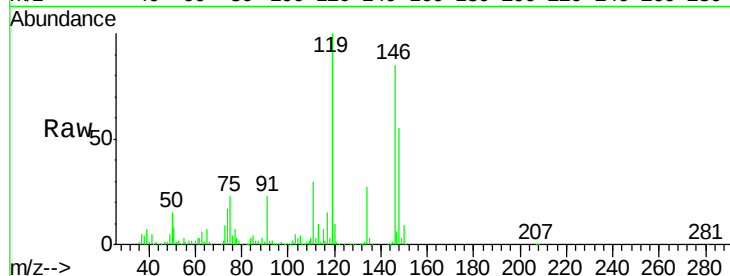
Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:146 Resp: 176445

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.3	54.9
148	63.4	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 49.014 ug/l

RT: 13.44 min Scan# 1920

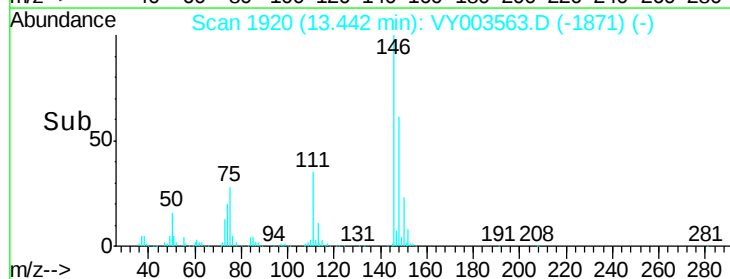
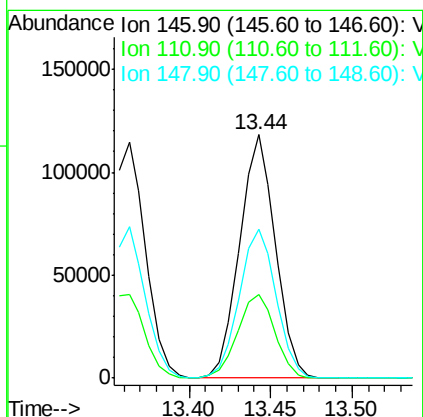
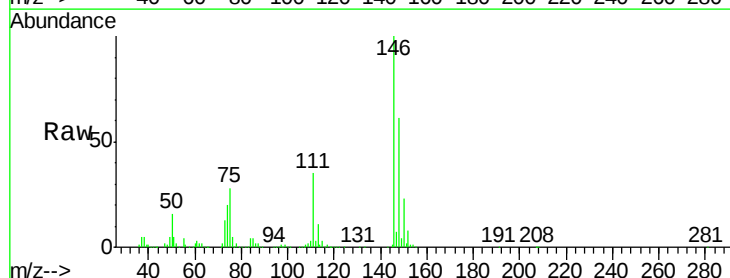
Delta R.T. 0.00 min

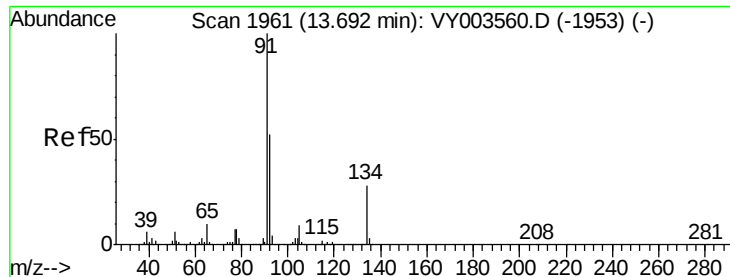
Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Tgt Ion:146 Resp: 180631

Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.8	53.4
148	63.1	31.1	93.2





#89

n-Butylbenzene

Concen: 50.278 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003563.D

Acq: 20 Nov 2020 12:44

Instrument :

MSVOA_Y

ClientSampleId :

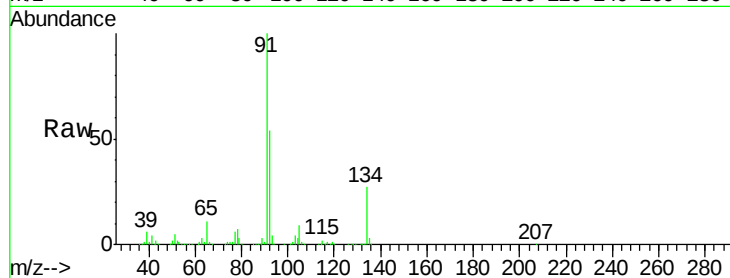
Tot Ion: 91 Resp: 223206

Ion Ratio Lower Upper

91 100

92 53.7 26.4 79.0

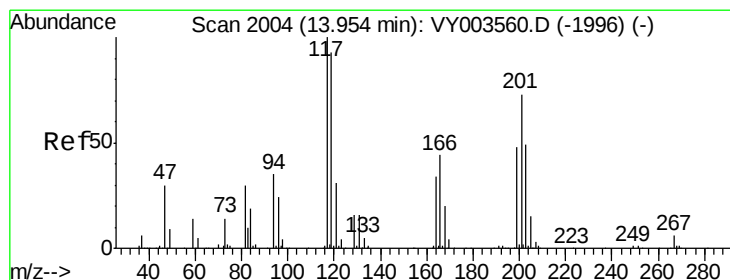
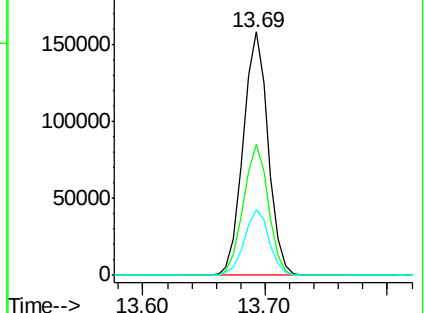
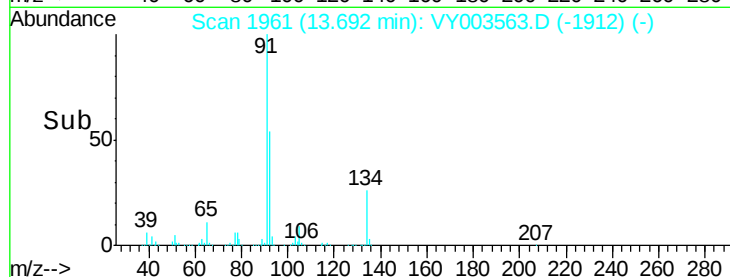
134 27.0 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VY003563.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY003563.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY003563.D (-1912) (-)



#90

Hexachloroethane

Concen: 49.919 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY003563.D

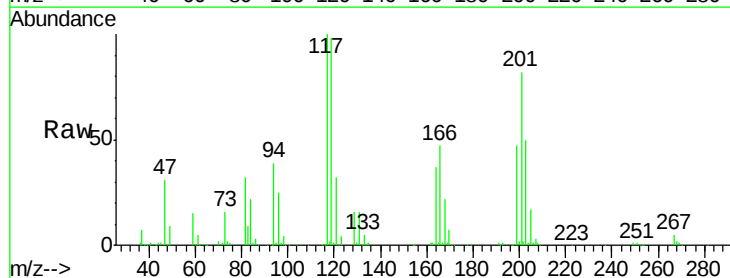
Acq: 20 Nov 2020 12:44

Tgt Ion: 117 Resp: 54764

Ion Ratio Lower Upper

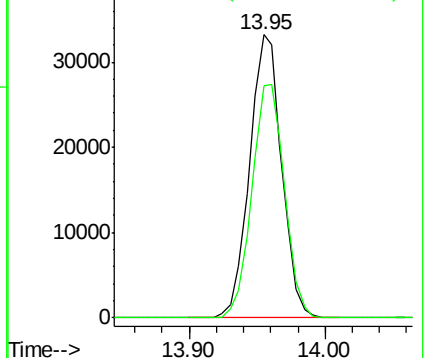
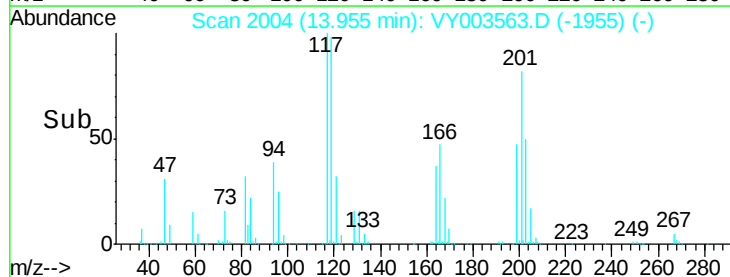
117 100

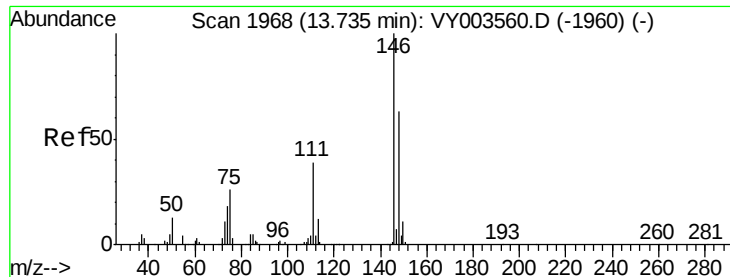
201 83.8 41.3 123.9



Abundance Ion 116.80 (116.50 to 117.50): VY003563.D (-1955) (-)

Ion 200.70 (200.40 to 201.40): VY003563.D (-1955) (-)

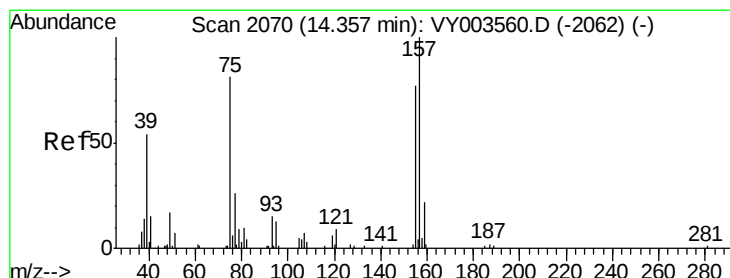
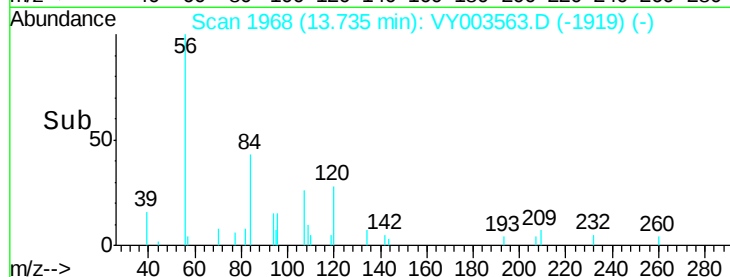
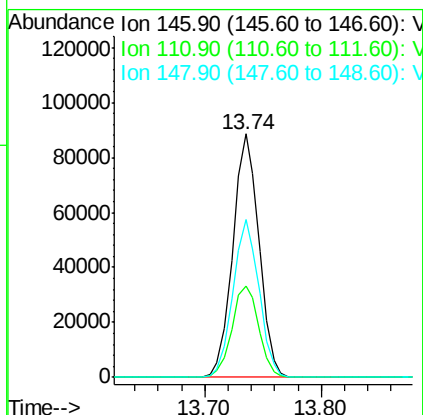
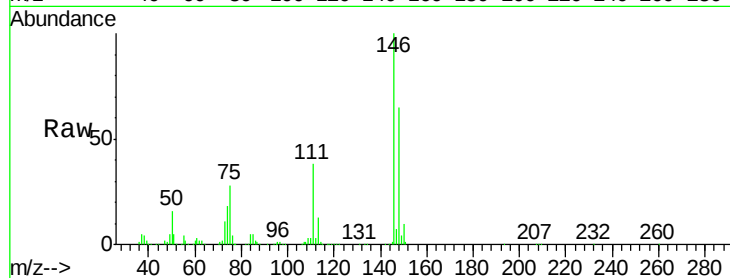




#91
 1,2-Dichlorobenzene
 Concen: 48.155 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

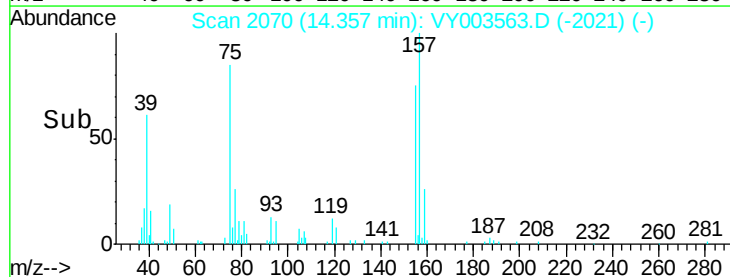
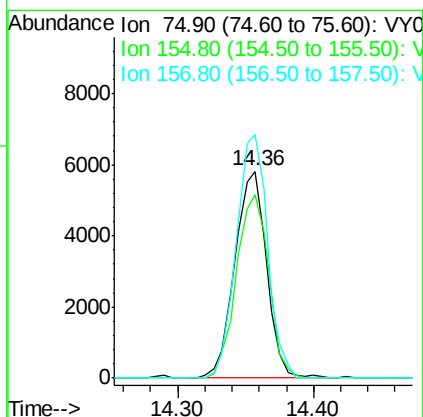
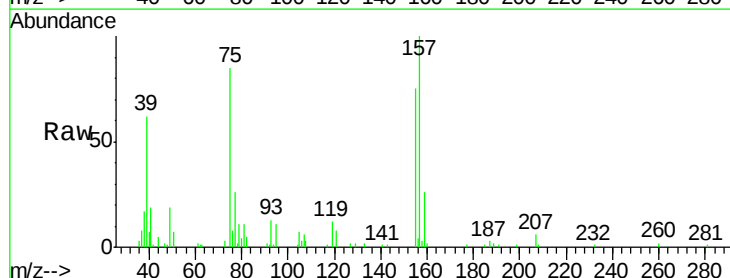
Instrument :
 MSVOA_Y
 ClientSampleId :

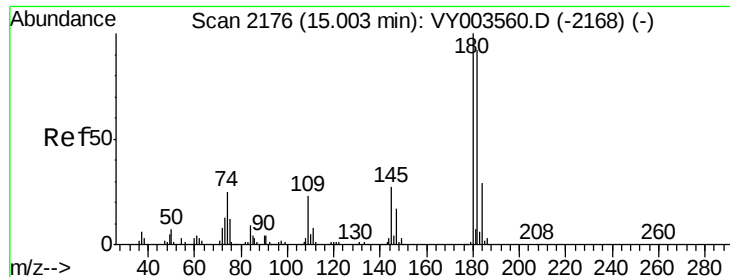
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.5
148	64.5	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.871 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	45.4	136.2
157	115.0	59.7	179.1

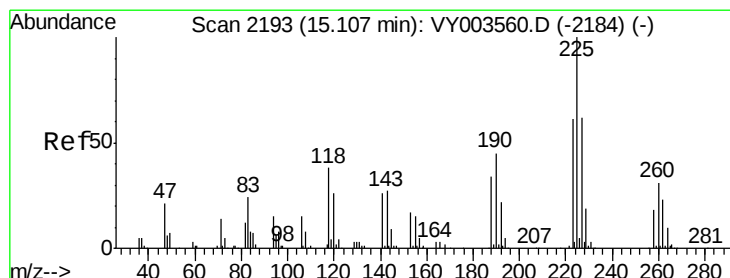
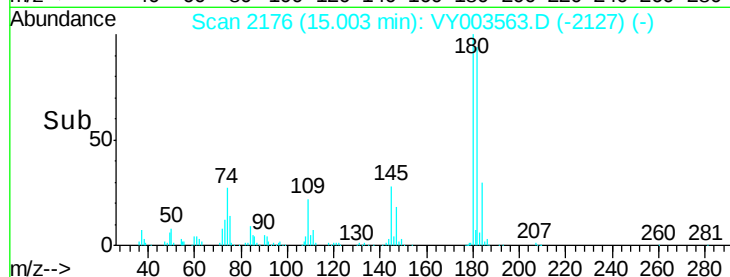
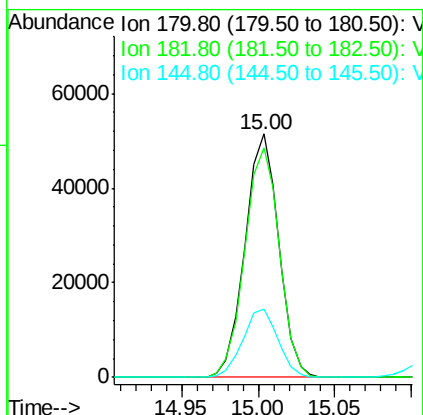
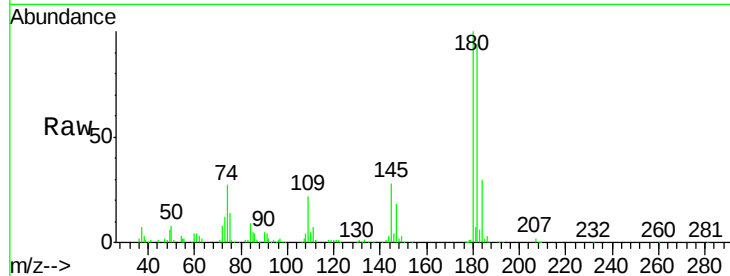




#93
 1,2,4-Trichlorobenzene
 Concen: 48.964 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

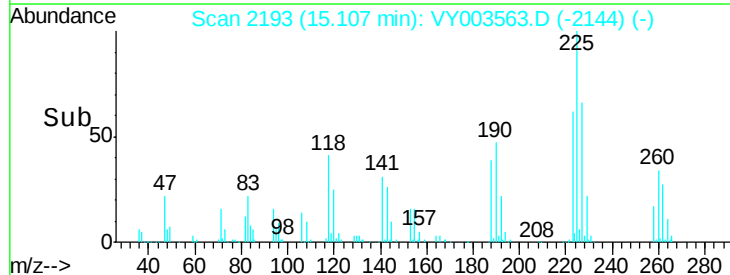
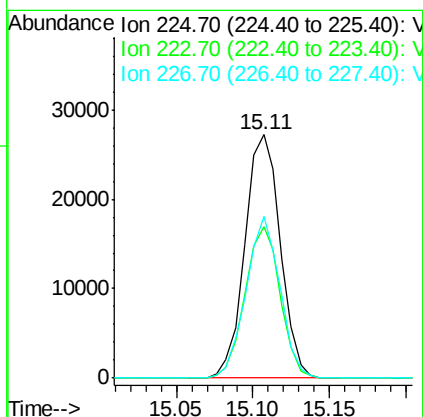
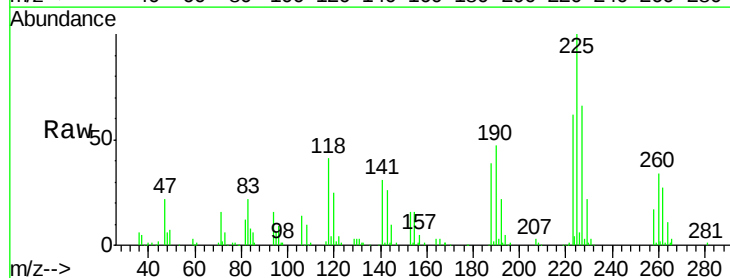
Instrument :
 MSVOA_Y
 ClientSampleId :

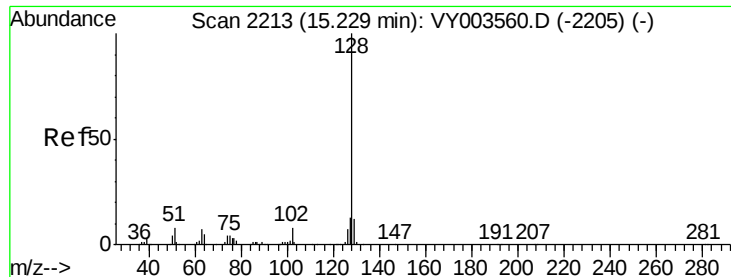
Tot Ion:180 Resp: 78823
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.4 142.3
 145 29.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.058 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003563.D
 Acq: 20 Nov 2020 12:44

Tgt Ion:225 Resp: 43709
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.0 96.0
 227 63.7 31.6 94.7

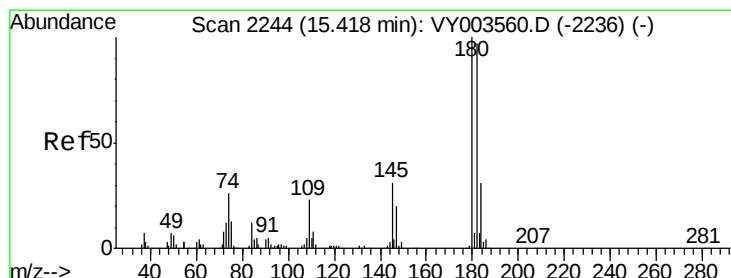
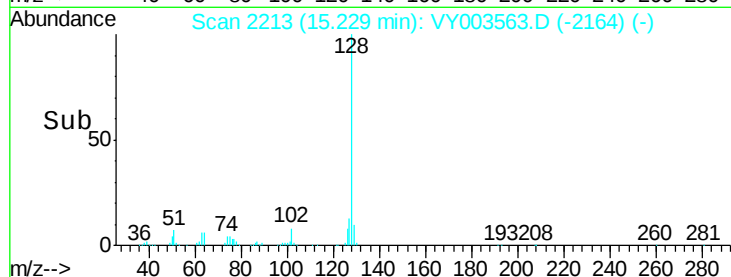
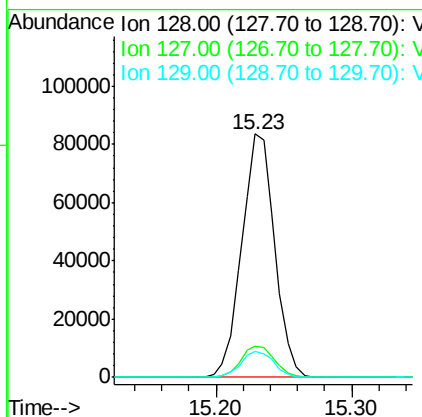
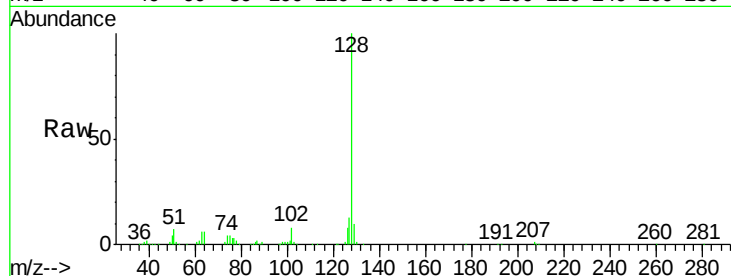




#95
Naphthalene
Concen: 51.340 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 141034
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.6 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 49.314 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY003563.D
Acq: 20 Nov 2020 12:44

Tgt Ion:180 Resp: 58358
Ion Ratio Lower Upper
180 100
182 93.0 47.4 142.2
145 30.4 15.5 46.5

