

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
 Data File : VY002124.D
 Acq On : 31 Mar 2020 11:54
 Operator : SY/MD
 Sample : VY0331SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Quant Time: Mar 31 14:58:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	171992	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	311070	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	279282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	130548	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	91985	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.75	113	86718	49.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.20	98	350181	48.36	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.50	95	124769	49.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	33055	26.26	ug/l	98
3) Chloromethane	2.13	50	43349	21.57	ug/l	100
4) Vinyl Chloride	2.27	62	42250	20.67	ug/l	97
5) Bromomethane	2.67	94	28396	21.29	ug/l	99
6) Chloroethane	2.82	64	26781	20.40	ug/l	99
7) Trichlorofluoromethane	3.15	101	59567	21.26	ug/l	95
8) Diethyl Ether	3.56	74	24036	20.26	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.94	101	37100	20.19	ug/l	99
10) Methyl Iodide	4.13	142	40179	18.38	ug/l	99
11) Tert butyl alcohol	4.98	59	31260	139.52	ug/l #	84
12) 1,1-Dichloroethene	3.91	96	37448	20.07	ug/l	95
13) Acrolein	3.76	56	24655	88.04	ug/l	96
14) Allyl chloride	4.52	41	68247	19.98	ug/l	99
15) Acrylonitrile	5.21	53	62411	100.36	ug/l	99
16) Acetone	3.99	43	51133	95.72	ug/l	97
17) Carbon Disulfide	4.23	76	124860	20.16	ug/l	98
18) Methyl Acetate	4.52	43	28041	20.22	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	104277	20.03	ug/l	95
20) Methylene Chloride	4.76	84	45000	16.96	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	42350	19.93	ug/l	97
22) Diisopropyl ether	6.16	45	137831	19.71	ug/l	99
23) Vinyl Acetate	6.10	43	449652	98.08	ug/l	98
24) 1,1-Dichloroethane	6.07	63	73245	19.70	ug/l	99
25) 2-Butanone	7.03	43	82828	100.98	ug/l	99
26) 2,2-Dichloropropane	7.02	77	63519	20.75	ug/l	98
27) cis-1,2-Dichloroethene	7.03	96	46366	19.83	ug/l	99
28) Bromochloromethane	7.37	49	32600	19.21	ug/l	98
29) Tetrahydrofuran	7.38	42	54631	101.59	ug/l	99
30) Chloroform	7.54	83	67820	19.25	ug/l	99
31) Cyclohexane	7.82	56	77711	19.62	ug/l	96
32) 1,1,1-Trichloroethane	7.74	97	57971	19.70	ug/l	99
36) 1,1-Dichloropropene	7.95	75	57371	19.50	ug/l	99
37) Ethyl Acetate	7.11	43	34701	19.52	ug/l	98
38) Carbon Tetrachloride	7.93	117	50302	20.15	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	75799	19.64	ug/l	99
40) Benzene	8.19	78	172304	19.77	ug/l	98
41) Methacrylonitrile	7.38	41	48038	53.41	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	45853	19.82	ug/l	100
43) Isopropyl Acetate	8.30	43	66124	20.04	ug/l	100
44) Trichloroethene	8.97	130	41626	19.81	ug/l	98
45) 1,2-Dichloropropane	9.24	63	43920	19.79	ug/l	99
46) Dibromomethane	9.33	93	22603	19.83	ug/l	98
47) Bromodichloromethane	9.52	83	51821	19.53	ug/l	100
48) Methyl methacrylate	9.31	41	28249	19.10	ug/l	97
49) 1,4-Dioxane	9.32	88	6353	406.23	ug/l #	94
51) 4-Methyl-2-Pentanone	10.09	43	177809	104.64	ug/l	99
52) Toluene	10.26	92	104682	19.86	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	58703	19.94	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	69320	19.99	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	33273	19.73	ug/l	96
56) Ethyl methacrylate	10.53	69	49267	20.00	ug/l	98
57) 1,3-Dichloropropane	10.81	76	58905	19.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	128398	101.43	ug/l	100
59) 2-Hexanone	10.85	43	120916	101.02	ug/l	100
60) Dibromochloromethane	11.00	129	35962	20.37	ug/l	99
61) 1,2-Dibromoethane	11.11	107	31515	19.96	ug/l	96
64) Tetrachloroethene	10.74	164	35615	20.84	ug/l	91
65) Chlorobenzene	11.53	112	107561	19.95	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	36328	20.14	ug/l	99
67) Ethyl Benzene	11.61	91	202232	20.20	ug/l	98
68) m/p-Xylenes	11.72	106	151598	40.95	ug/l	97
69) o-Xylene	12.05	106	71243	20.29	ug/l	97
70) Styrene	12.06	104	121949	20.04	ug/l	100
71) Bromoform	12.22	173	19889	20.13	ug/l #	98
73) Isopropylbenzene	12.34	105	188626	19.48	ug/l	100
74) N-amyl acetate	12.16	43	60284	19.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	41585	19.96	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	54332	37.21	ug/l #	100
77) Bromobenzene	12.63	156	40811	19.74	ug/l	99
78) n-propylbenzene	12.69	91	232599	19.35	ug/l	99
79) 2-Chlorotoluene	12.77	91	128198	19.43	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	156835	19.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	14914	19.79	ug/l	95
82) 4-Chlorotoluene	12.87	91	134561	19.35	ug/l	98
83) tert-Butylbenzene	13.09	119	131277	19.68	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	155835	19.55	ug/l	99
85) sec-Butylbenzene	13.27	105	194143	19.65	ug/l	99
86) p-Isopropyltoluene	13.39	119	169141	19.94	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81828	20.23	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	81273	19.97	ug/l	99
89) n-Butylbenzene	13.71	91	173772	19.66	ug/l	100
90) Hexachloroethane	13.98	117	31263	19.56	ug/l	95
91) 1,2-Dichlorobenzene	13.75	146	73603	19.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	6525	19.55	ug/l	98

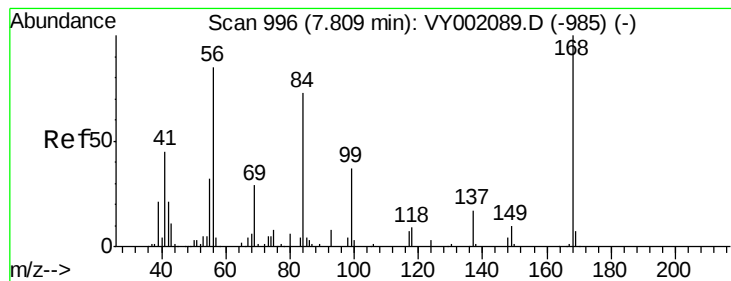
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY033120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	46896	19.48	ug/l	99
94) Hexachlorobutadiene	15.13	225	23094	19.44	ug/l	97
95) Naphthalene	15.25	128	109079	19.08	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	42484	19.46	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

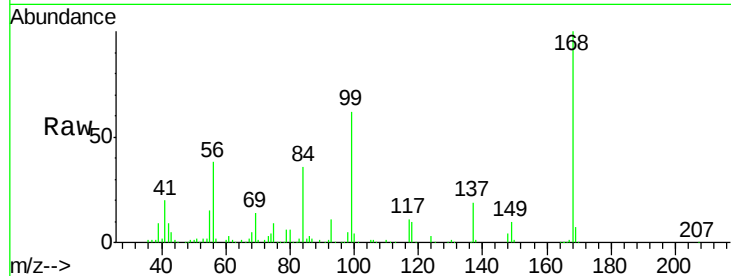
VY0331SBS01

Tgt Ion:168 Resp: 171992

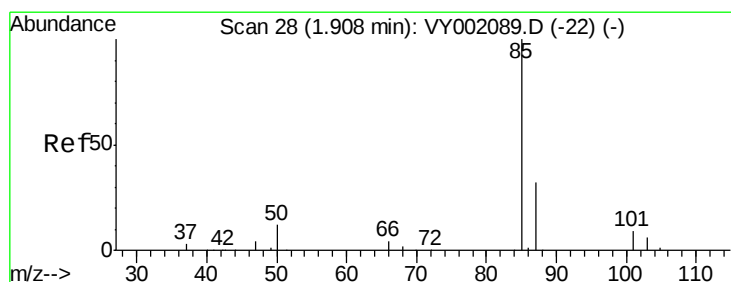
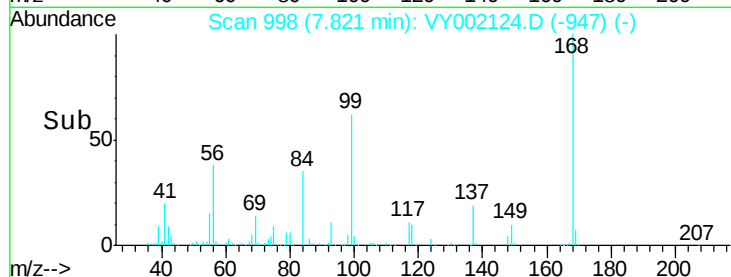
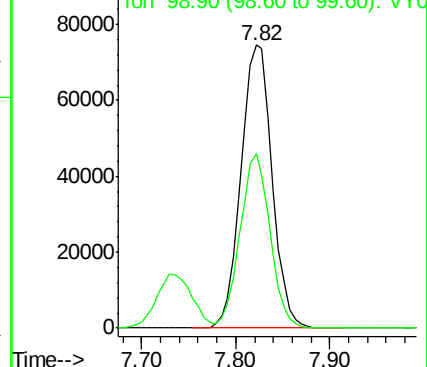
Ion Ratio Lower Upper

168 100

99 61.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002124.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 26.26 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002124.D

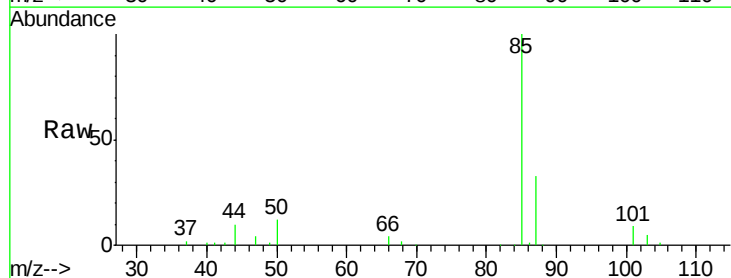
Acq: 31 Mar 2020 11:54

Tgt Ion: 85 Resp: 33055

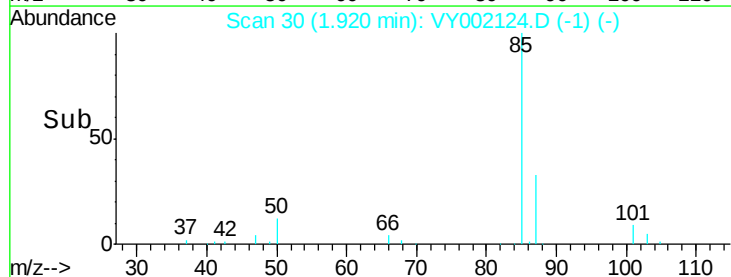
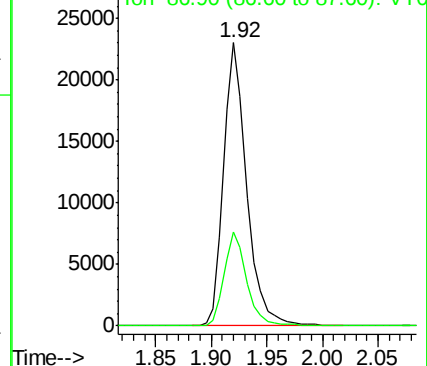
Ion Ratio Lower Upper

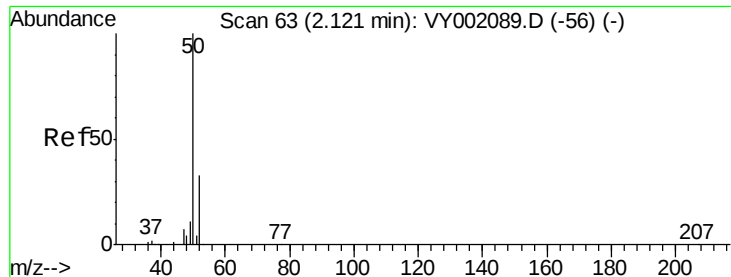
85 100

87 33.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002124.D (-1) (-)





#3

Chloromethane

Concen: 21.57 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

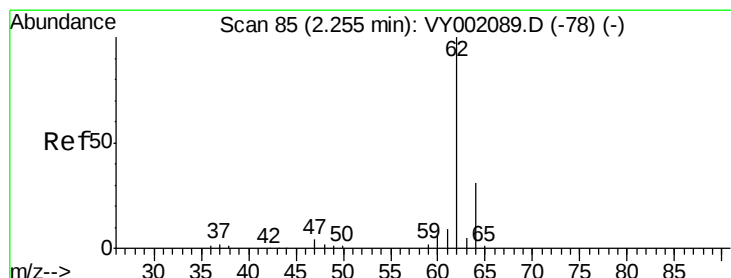
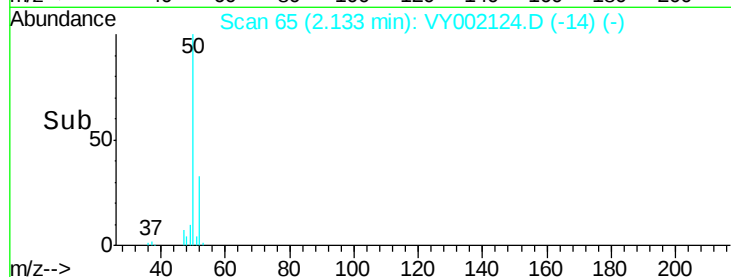
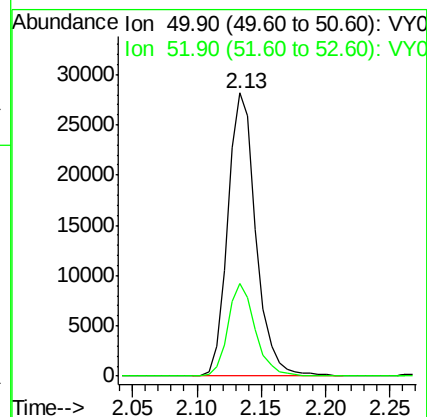
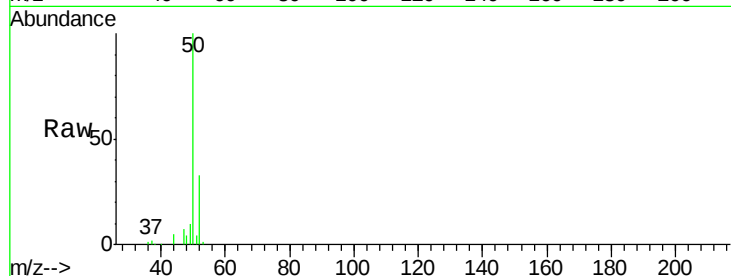
VY0331SBS01

Tgt Ion: 50 Resp: 43349

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 20.67 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.02 min

Lab File: VY002124.D

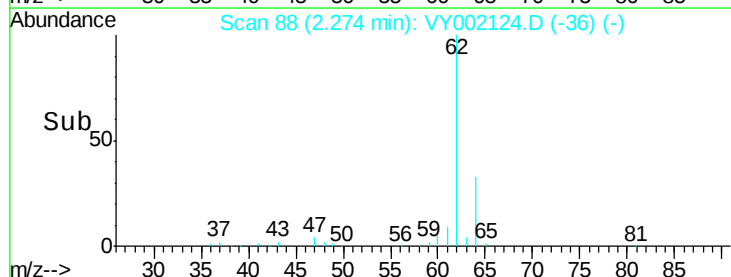
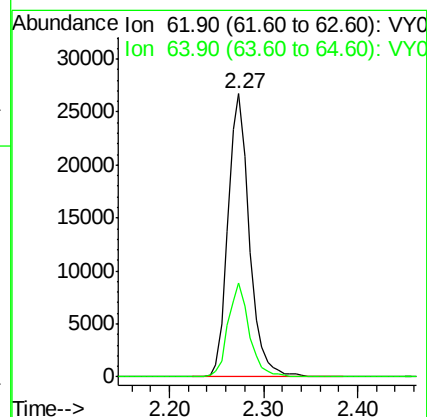
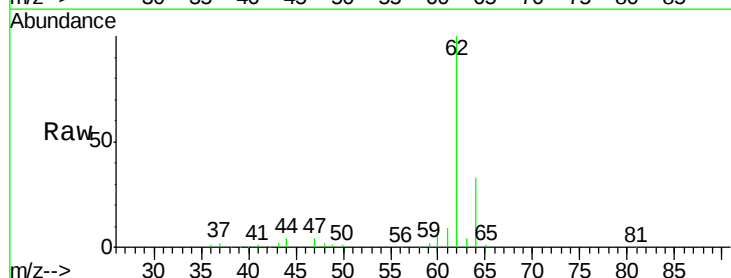
Acq: 31 Mar 2020 11:54

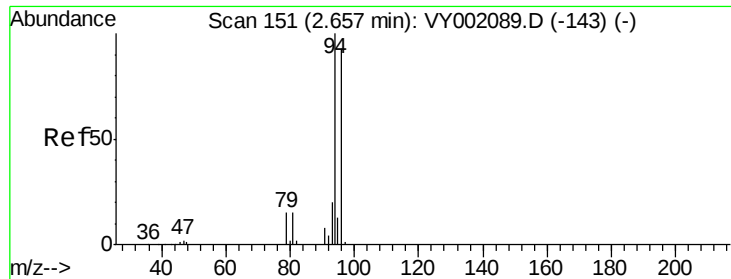
Tgt Ion: 62 Resp: 42250

Ion Ratio Lower Upper

62 100

64 33.3 25.2 37.8





#5

Bromomethane

Concen: 21.29 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

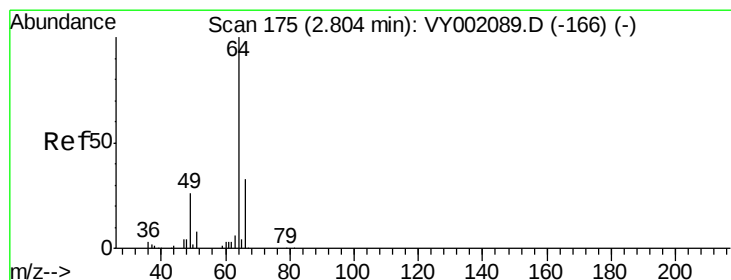
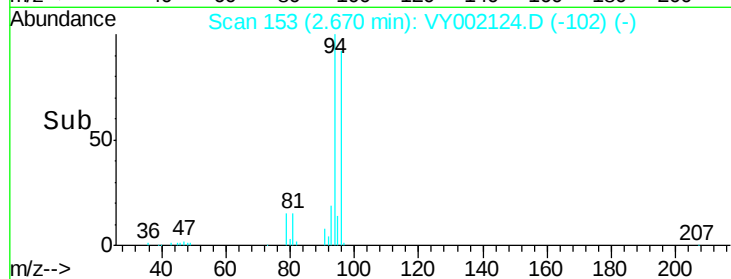
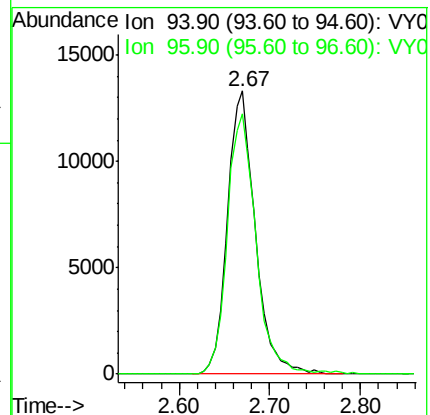
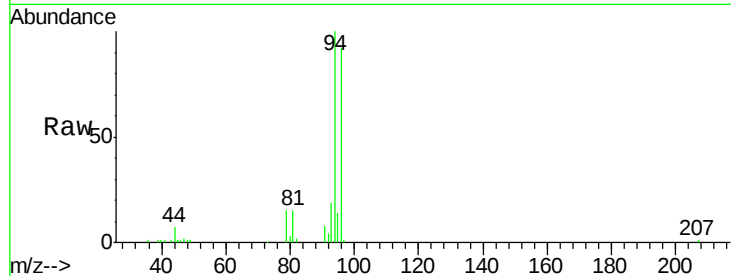
VY0331SBS01

Tgt Ion: 94 Resp: 28396

Ion Ratio Lower Upper

94 100

96 91.9 74.1 111.1



#6

Chloroethane

Concen: 20.40 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002124.D

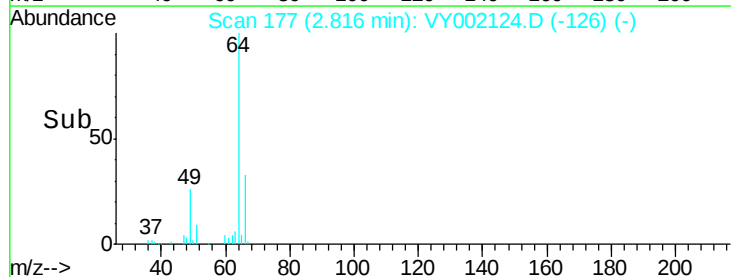
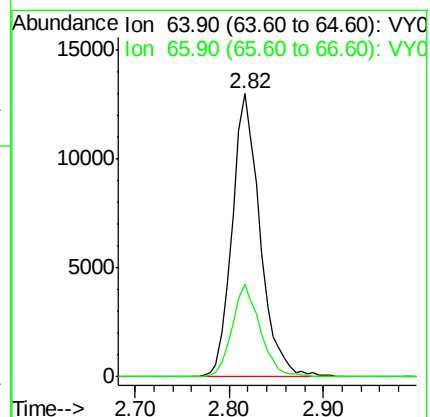
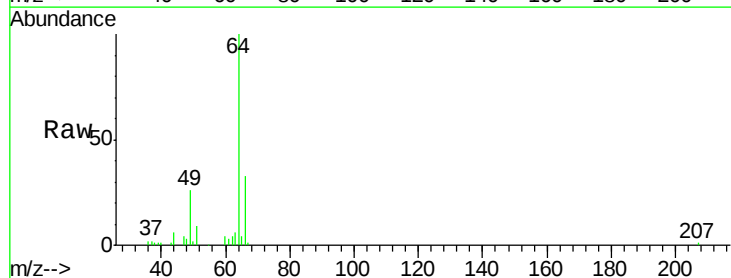
Acq: 31 Mar 2020 11:54

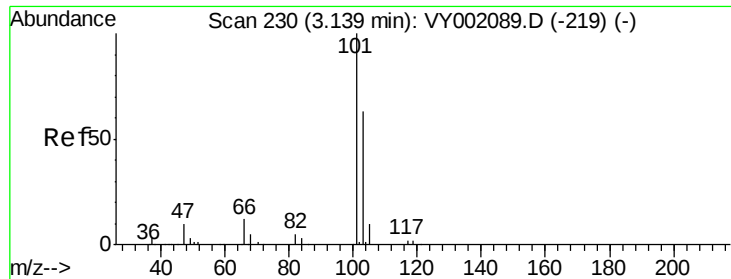
Tgt Ion: 64 Resp: 26781

Ion Ratio Lower Upper

64 100

66 32.7 26.6 39.8



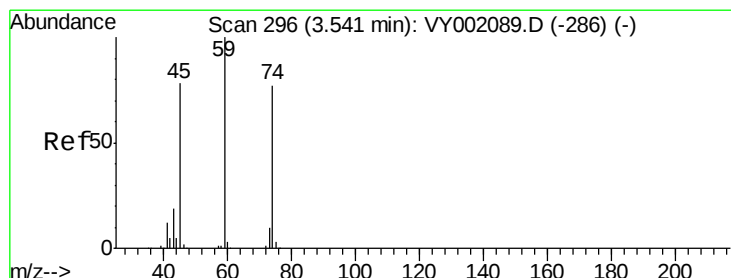
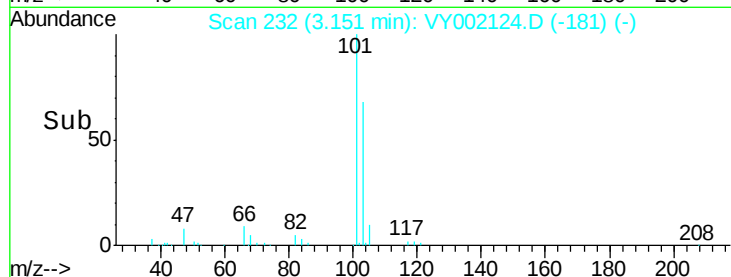
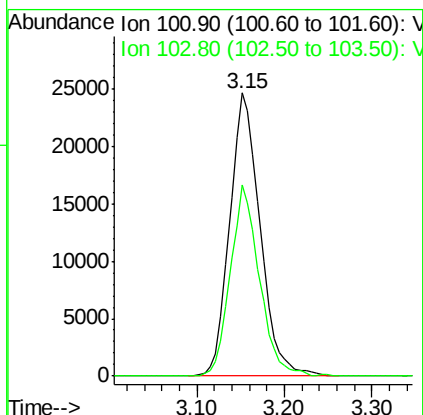
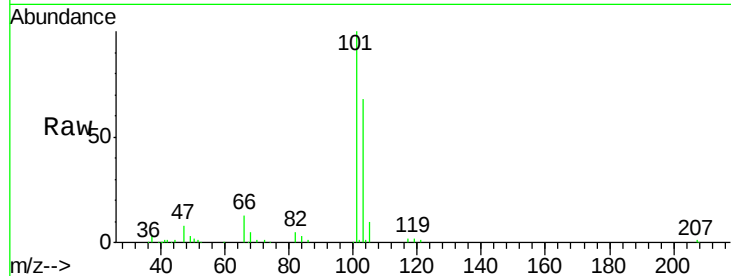


#7

Trichlorofluoromethane
Concen: 21.26 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
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VY0331SBS01

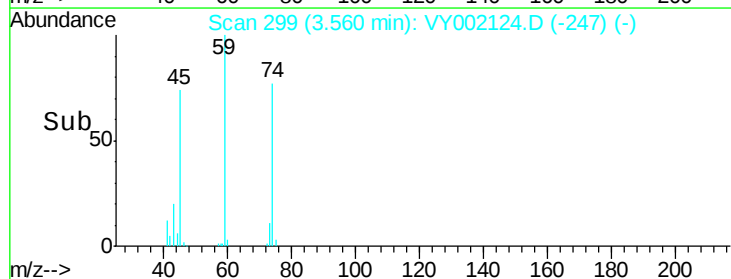
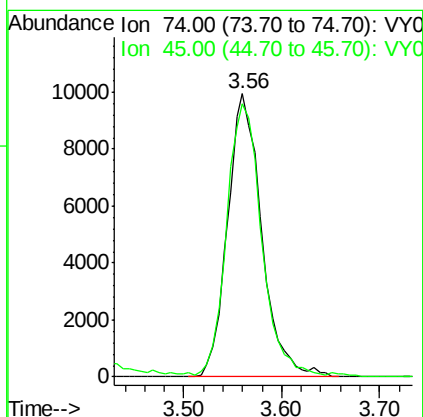
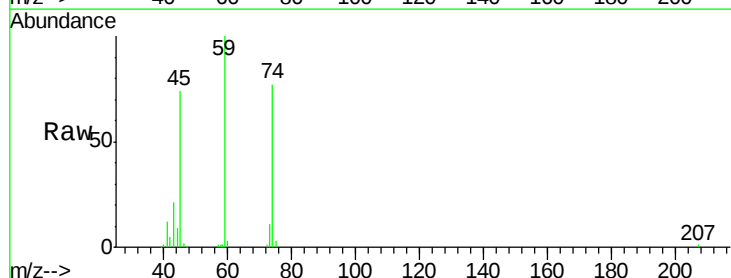
Tgt Ion:101 Resp: 59567
Ion Ratio Lower Upper
101 100
103 67.5 50.6 76.0

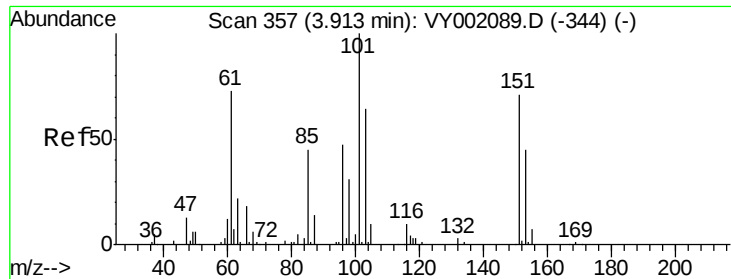


#8

Diethyl Ether
Concen: 20.26 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 74 Resp: 24036
Ion Ratio Lower Upper
74 100
45 97.3 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.19 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

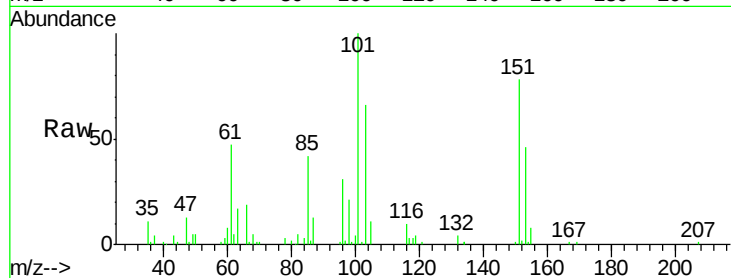
Tgt Ion:101 Resp: 37100

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

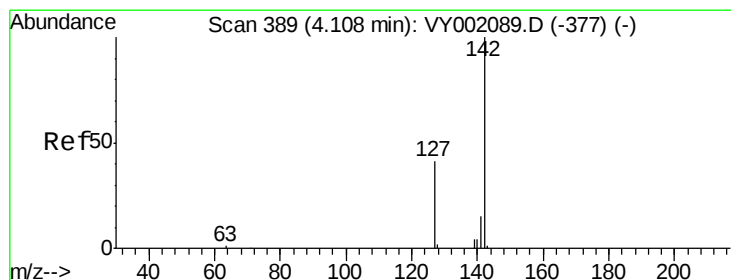
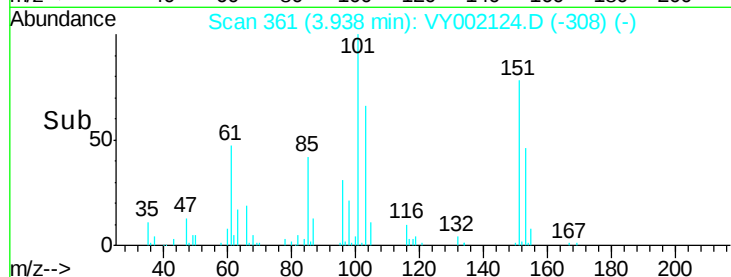
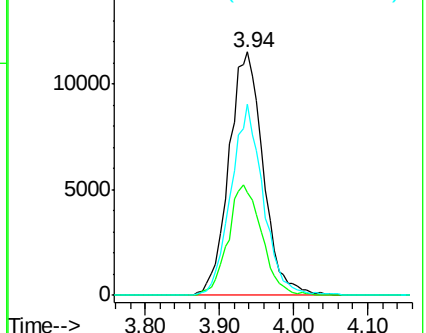
151 73.7 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.38 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

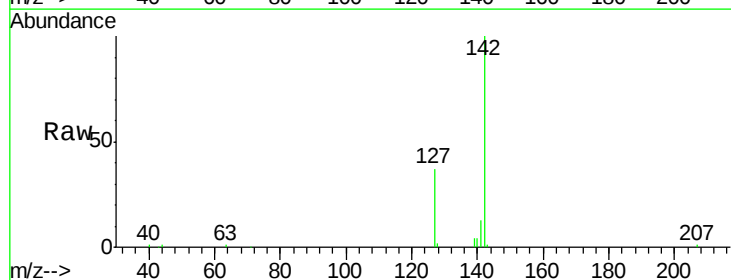
Tgt Ion:142 Resp: 40179

Ion Ratio Lower Upper

142 100

127 41.0 32.6 49.0

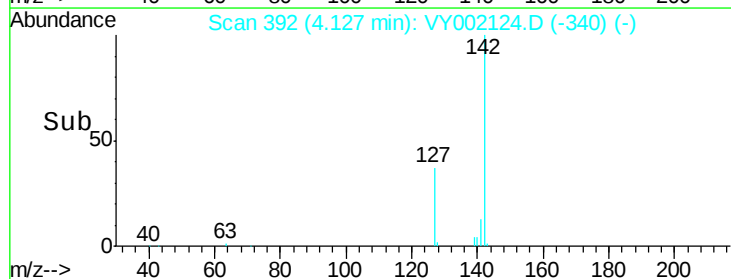
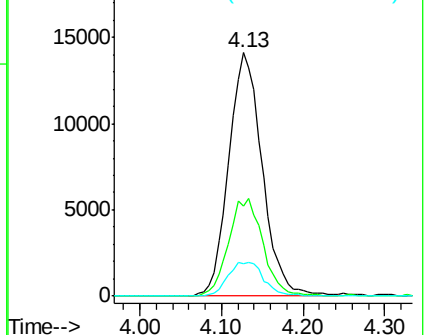
141 14.7 11.4 17.0

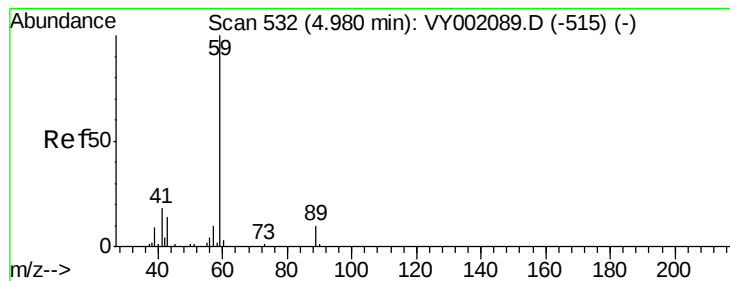


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 139.52 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.00 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

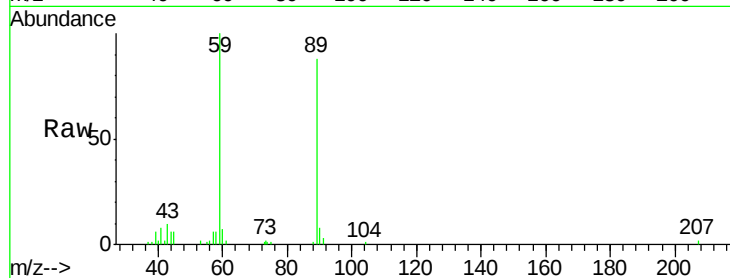
VY0331SBS01

Tgt Ion: 59 Resp: 31260

Ion Ratio Lower Upper

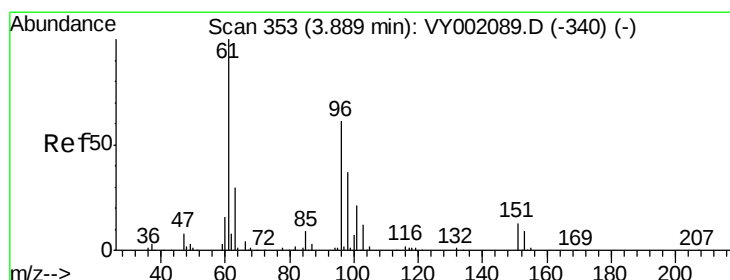
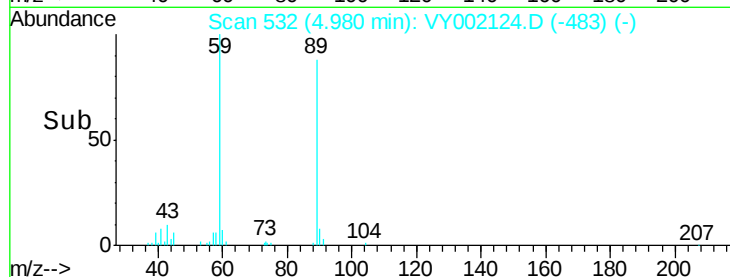
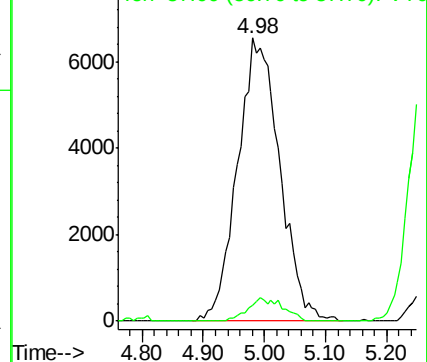
59 100

57 3.8 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 20.07 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

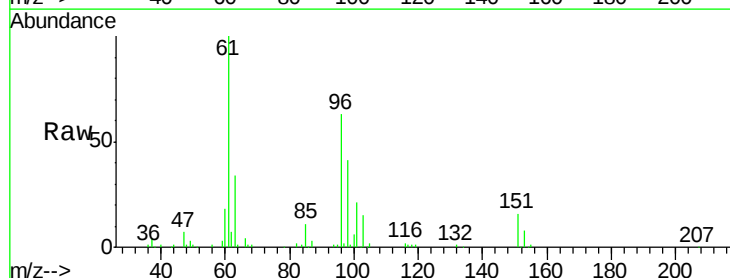
Tgt Ion: 96 Resp: 37448

Ion Ratio Lower Upper

96 100

61 157.2 132.0 198.0

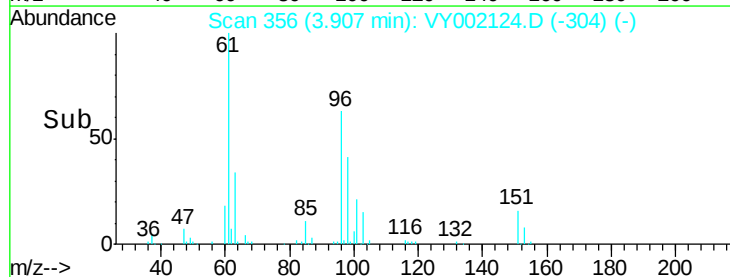
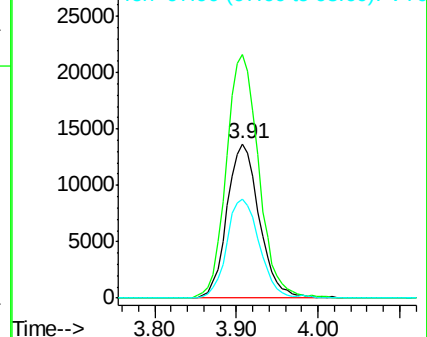
98 64.1 49.4 74.0

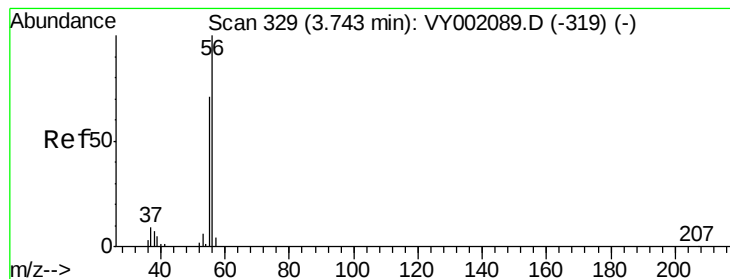


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 88.04 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

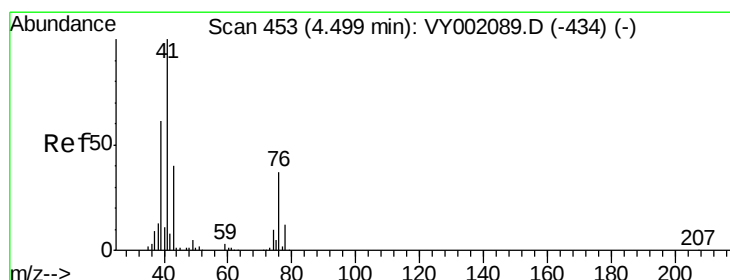
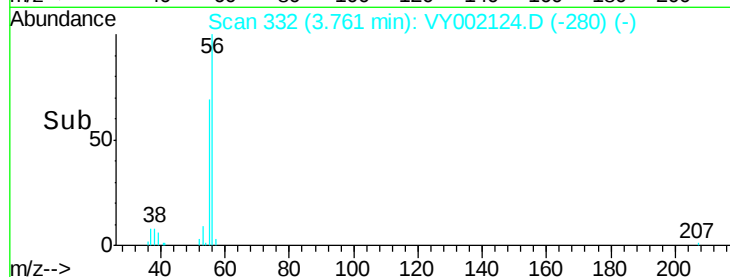
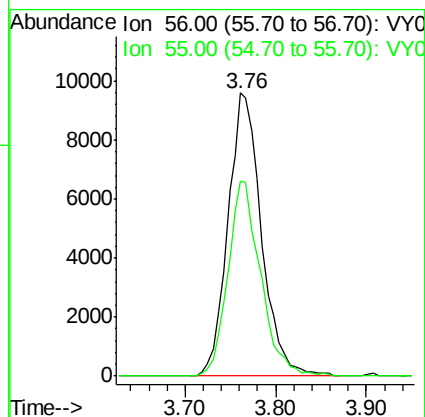
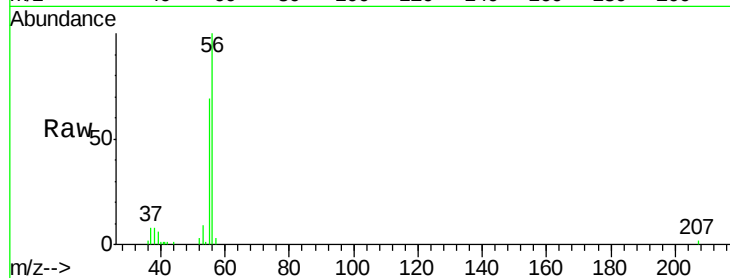
VY0331SBS01

Tgt Ion: 56 Resp: 24655

Ion Ratio Lower Upper

56 100

55 67.4 56.5 84.7



#14

Allyl chloride

Concen: 19.98 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

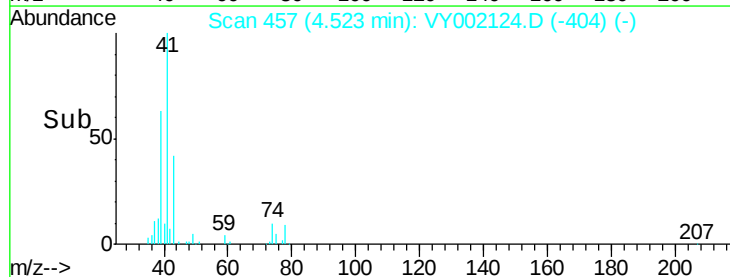
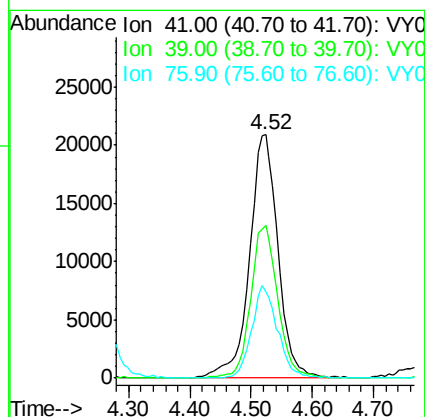
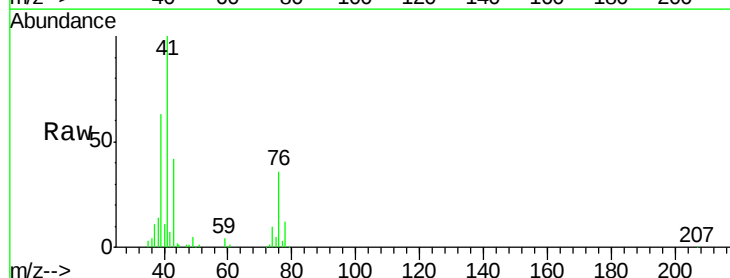
Tgt Ion: 41 Resp: 68247

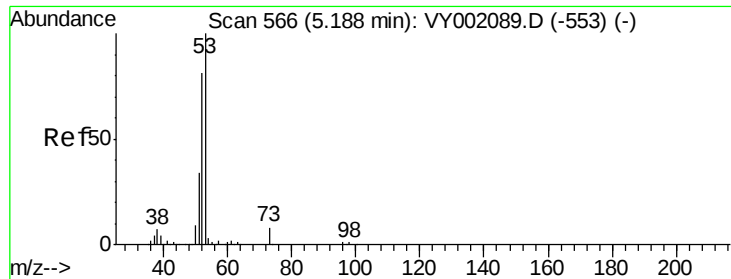
Ion Ratio Lower Upper

41 100

39 59.8 49.0 73.4

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 100.36 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

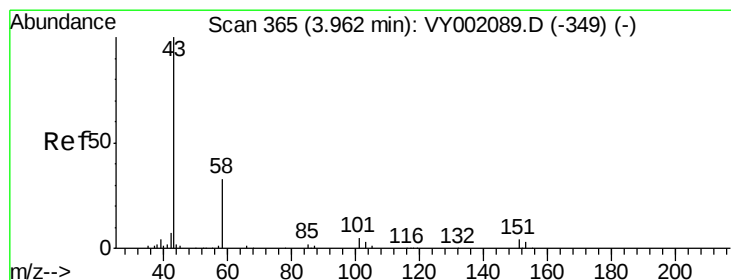
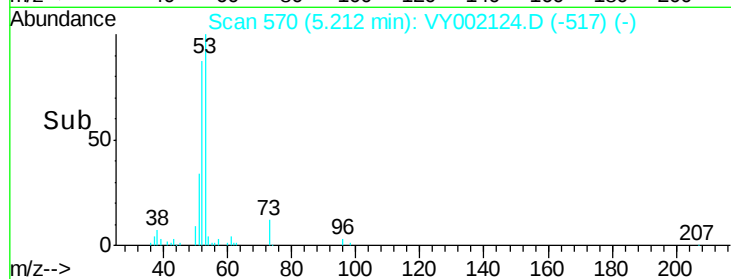
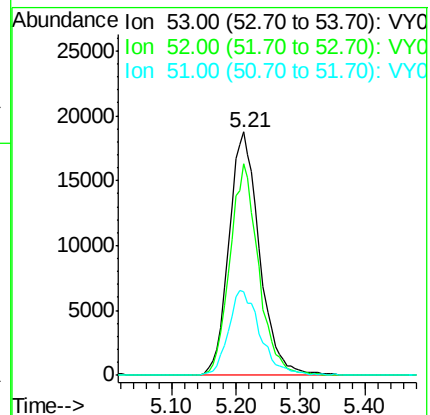
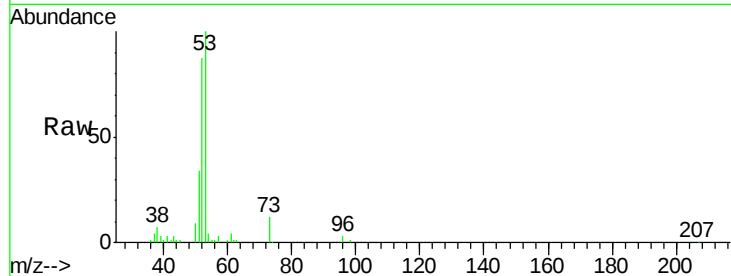
Tgt Ion: 53 Resp: 62411

Ion Ratio Lower Upper

53 100

52 81.7 64.6 97.0

51 35.9 27.9 41.9



#16

Acetone

Concen: 95.72 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002124.D

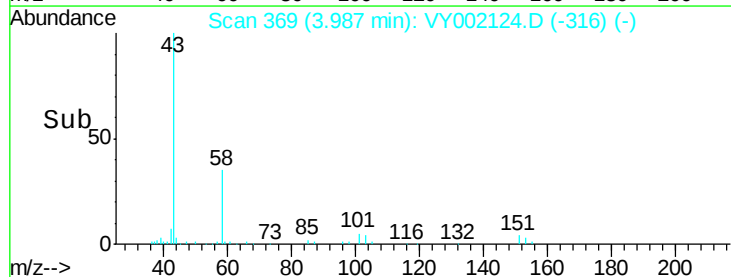
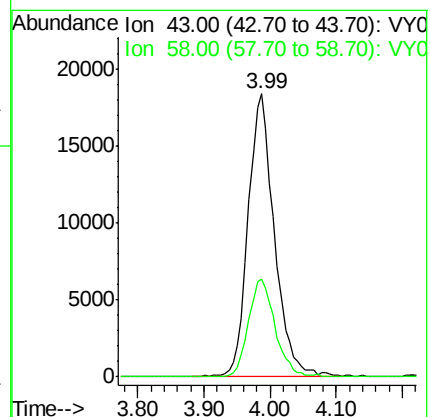
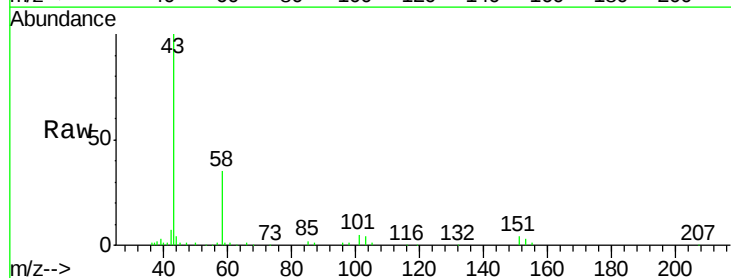
Acq: 31 Mar 2020 11:54

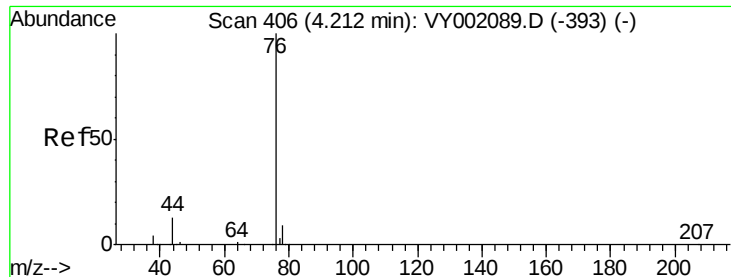
Tgt Ion: 43 Resp: 51133

Ion Ratio Lower Upper

43 100

58 34.7 26.3 39.5

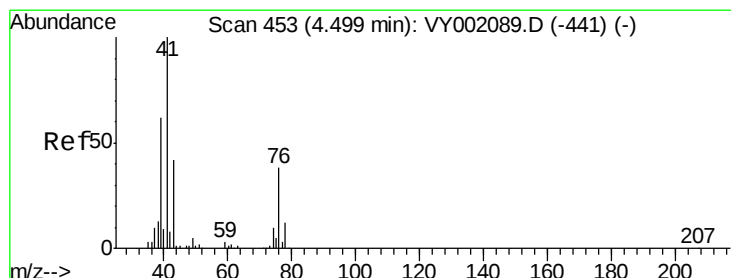
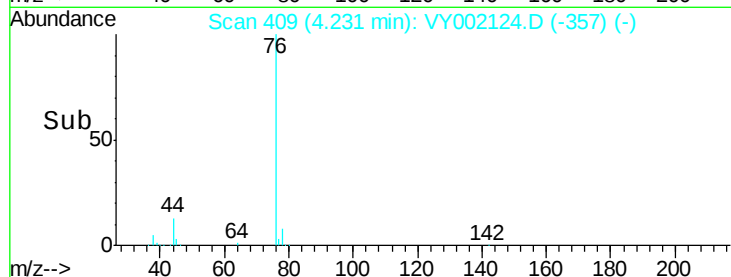
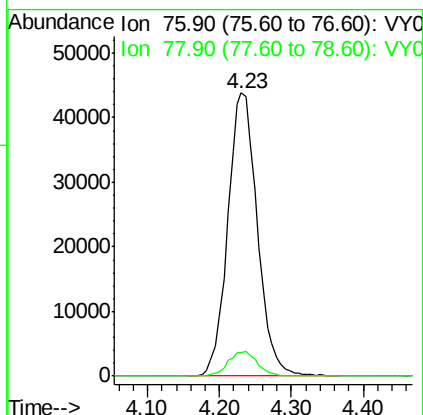
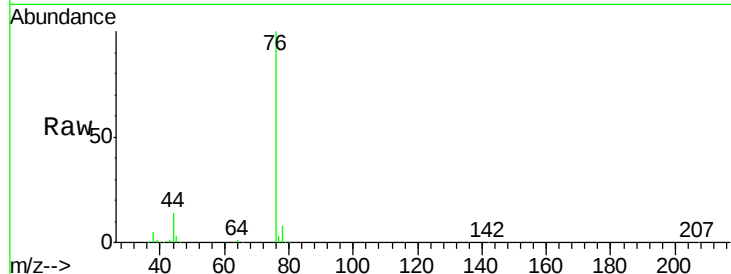




#17
Carbon Disulfide
Concen: 20.16 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

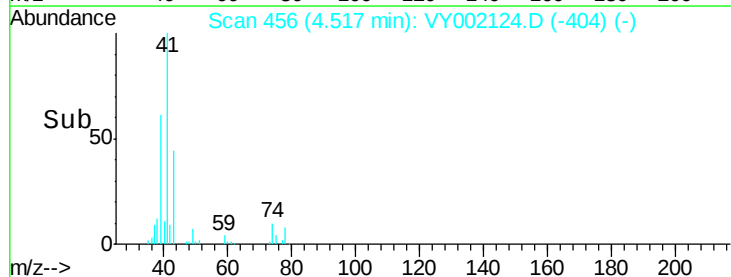
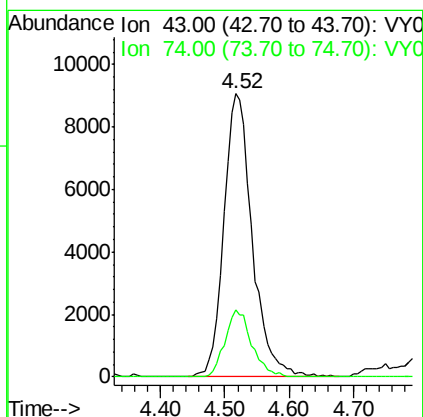
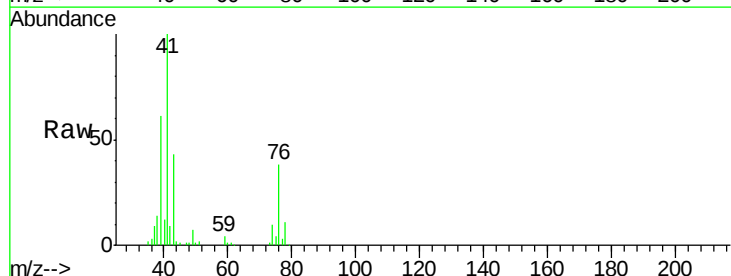
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

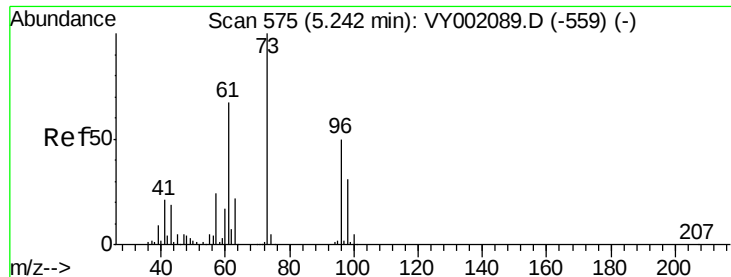
Tgt Ion: 76 Resp: 124860
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 20.22 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 43 Resp: 28041
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5

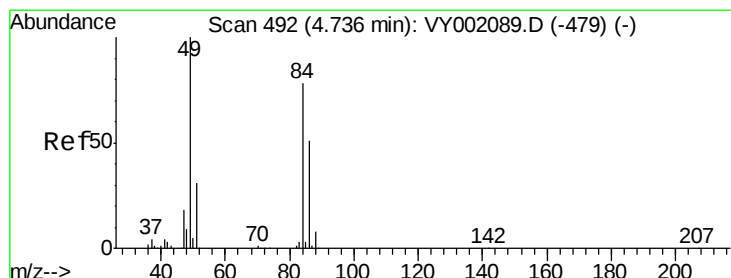
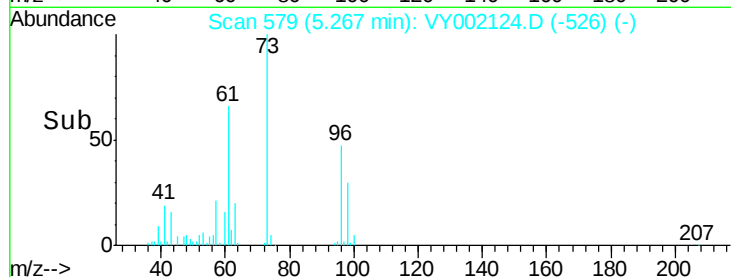
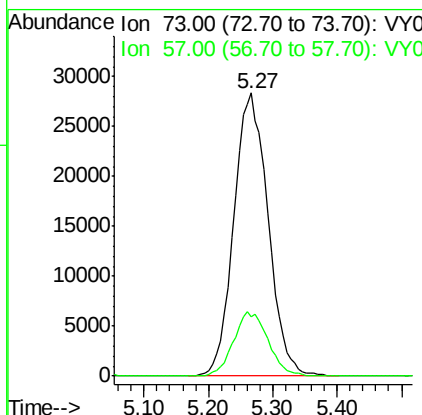
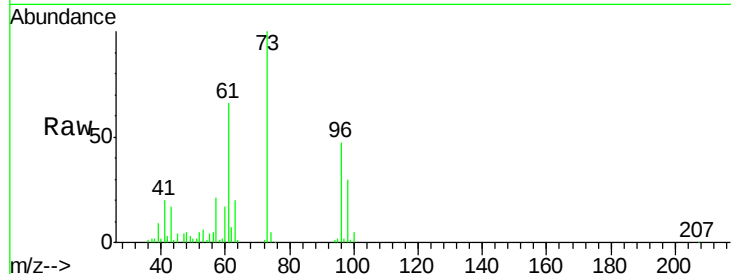




#19
Methyl tert-butyl Ether
Concen: 20.03 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

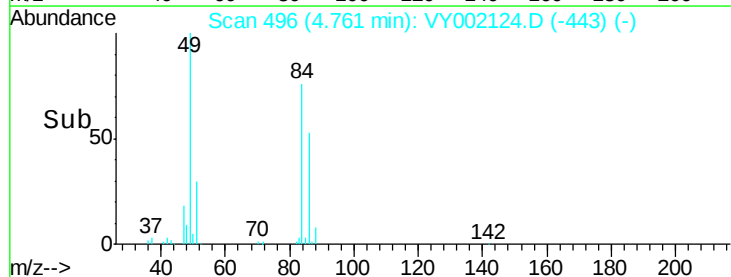
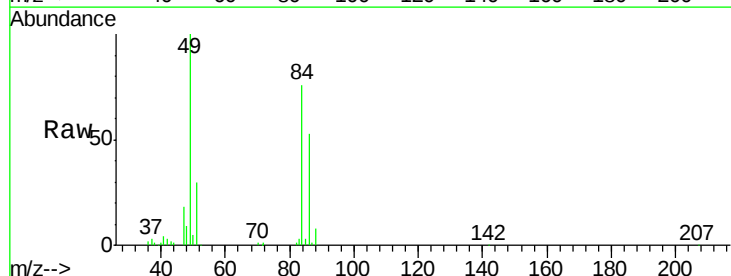
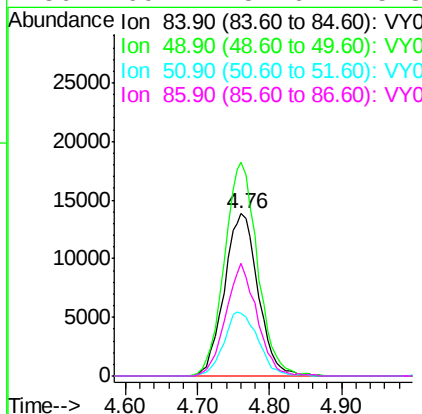
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

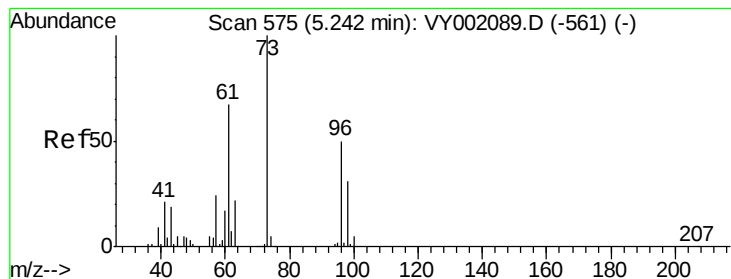
Tgt Ion: 73 Resp: 104277
Ion Ratio Lower Upper
73 100
57 21.1 19.0 28.6



#20
Methylene Chloride
Concen: 16.96 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 84 Resp: 45000
Ion Ratio Lower Upper
84 100
49 131.7 102.2 153.4
51 39.1 31.2 46.8
86 69.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.93 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

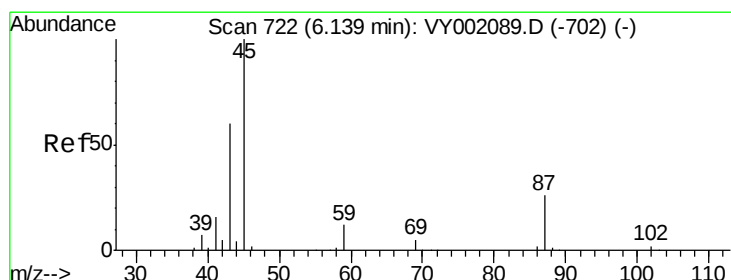
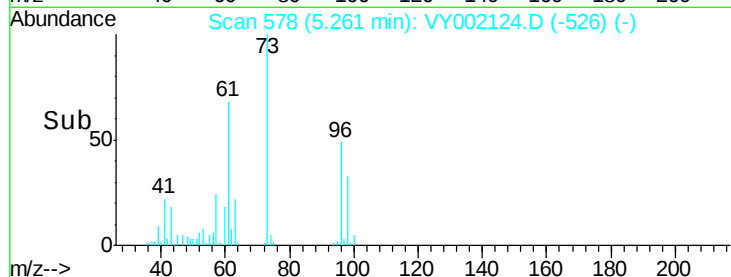
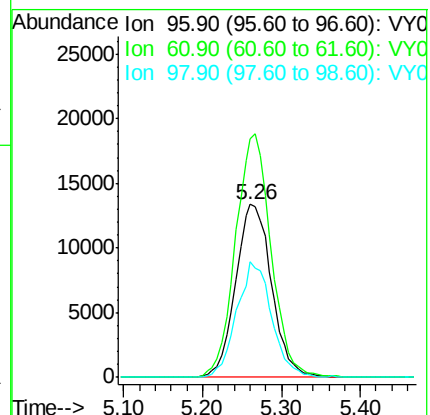
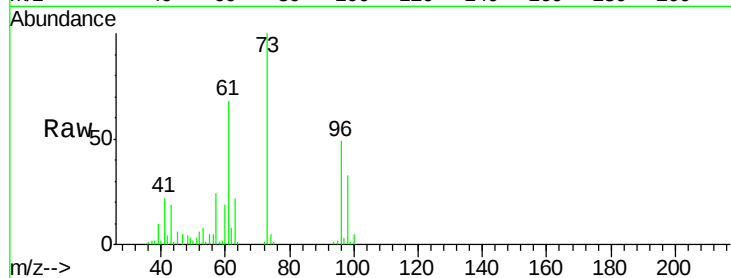
Tgt Ion: 96 Resp: 42350

Ion Ratio Lower Upper

96 100

61 137.9 107.7 161.5

98 66.6 50.5 75.7



#22

Diisopropyl ether

Concen: 19.71 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion: 45 Resp: 137831

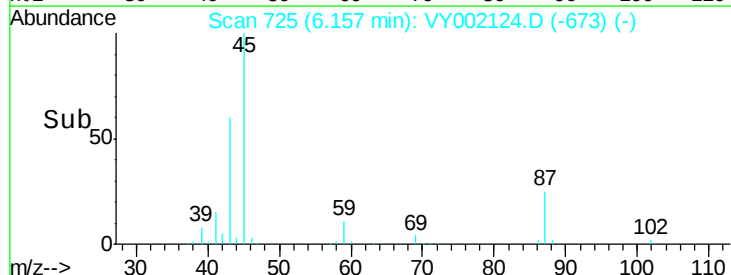
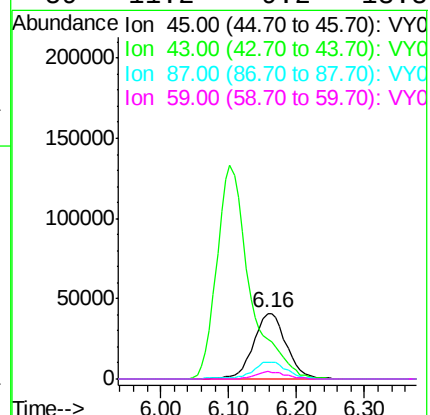
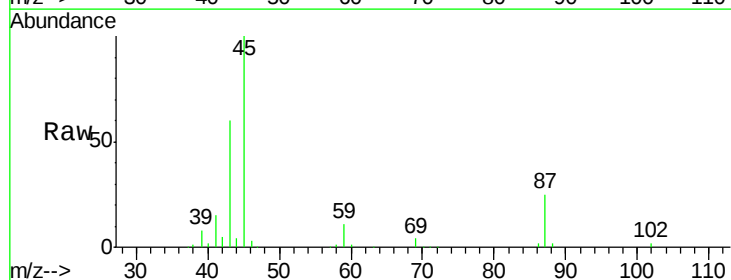
Ion Ratio Lower Upper

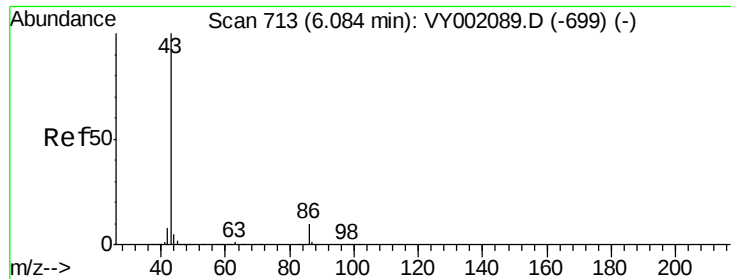
45 100

43 59.5 48.1 72.1

87 25.3 21.1 31.7

59 11.2 9.2 13.8

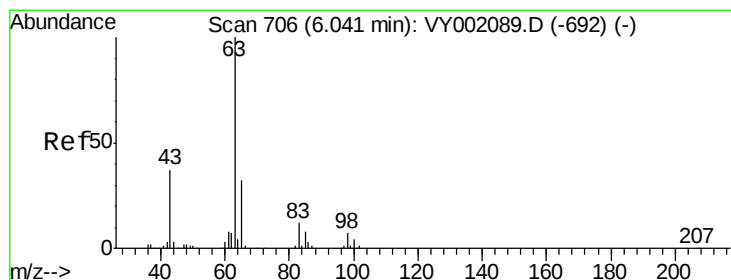
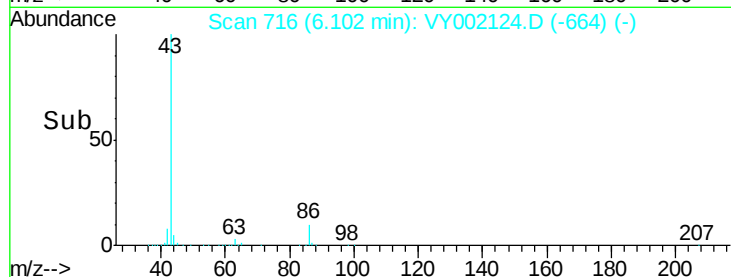
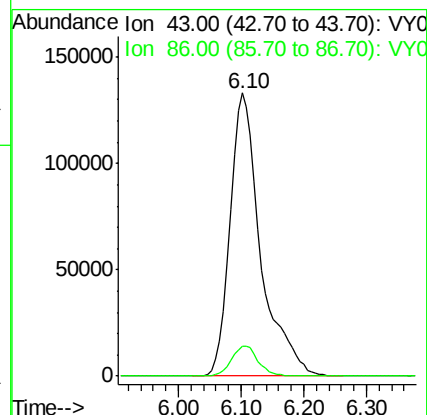
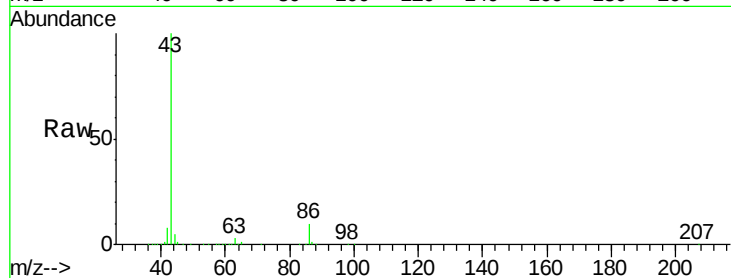




#23
 Vinyl Acetate
 Concen: 98.08 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.02 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

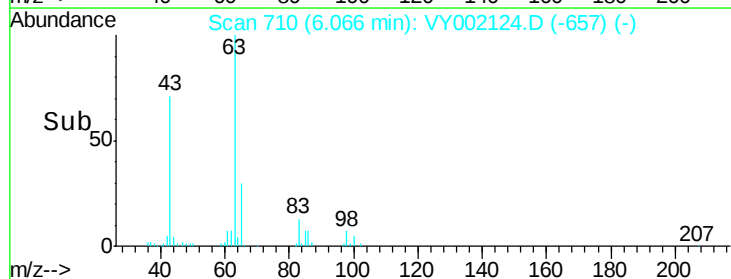
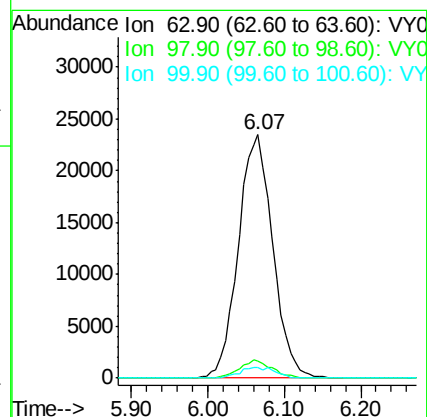
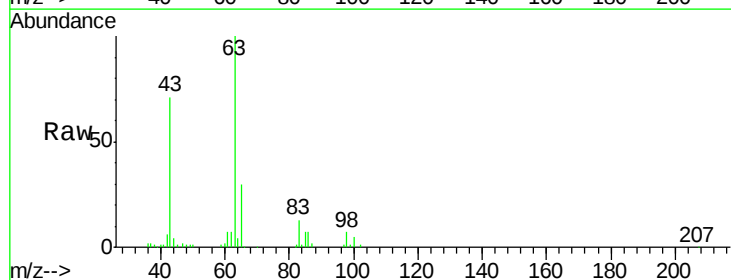
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

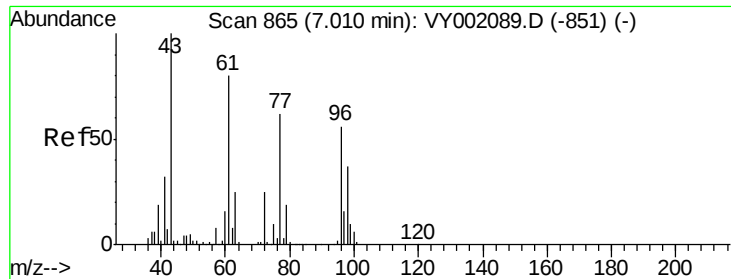
Tgt Ion: 43 Resp: 449652
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 19.70 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.02 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 63 Resp: 73245
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 100.98 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

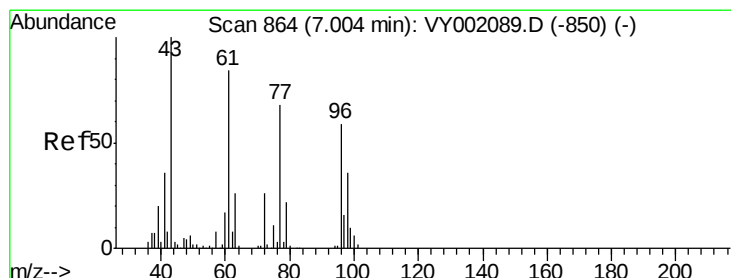
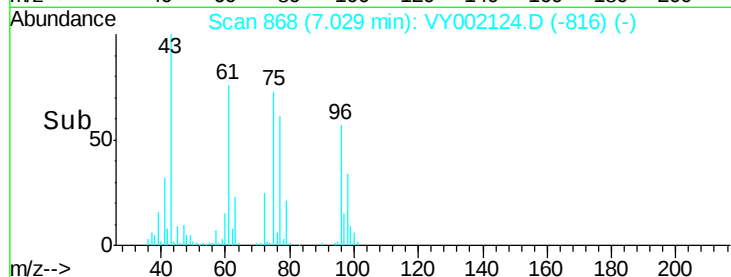
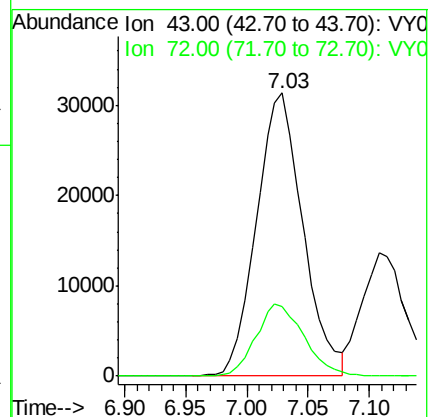
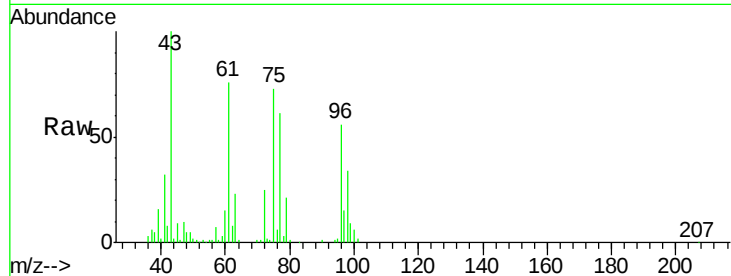
VY0331SBS01

Tgt Ion: 43 Resp: 82828

Ion Ratio Lower Upper

43 100

72 24.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 20.75 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY002124.D

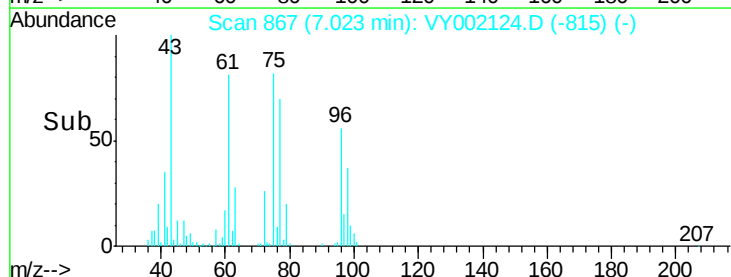
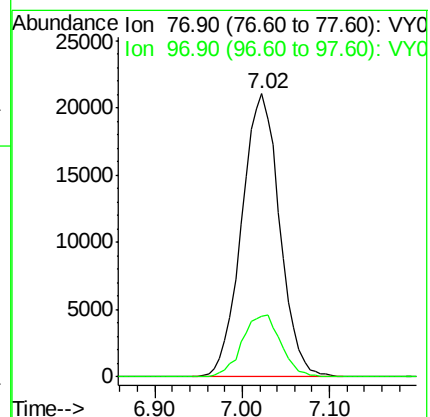
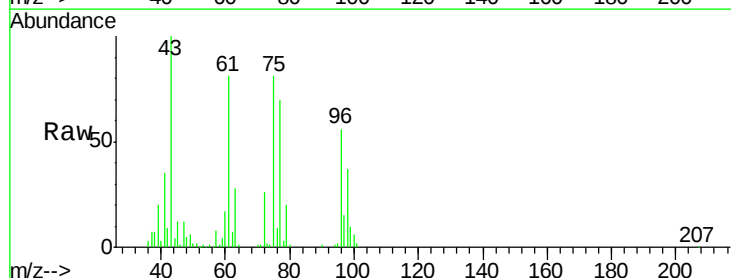
Acq: 31 Mar 2020 11:54

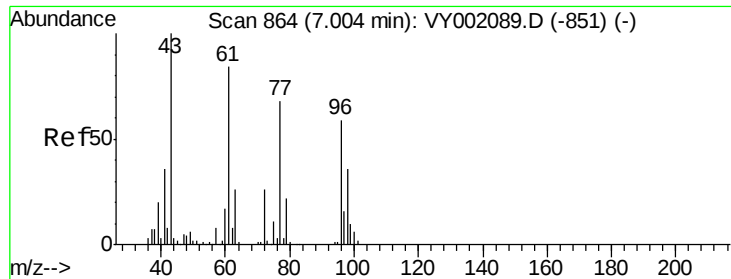
Tgt Ion: 77 Resp: 63519

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.1



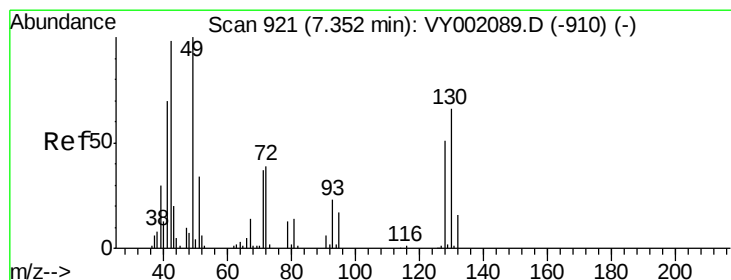
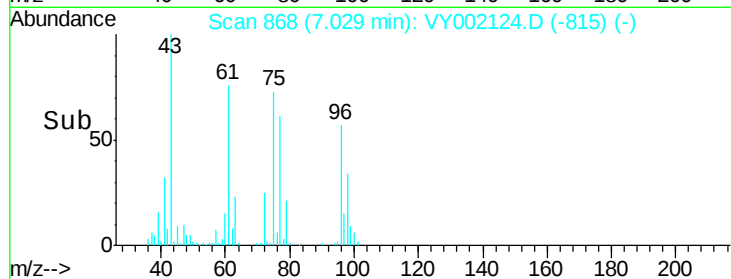
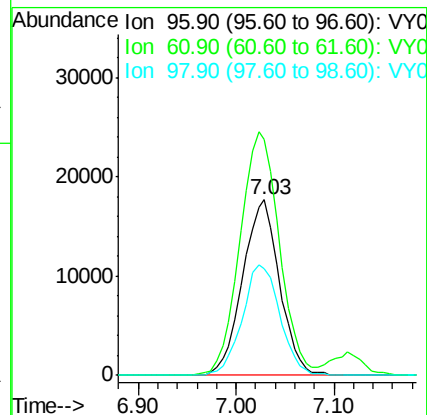
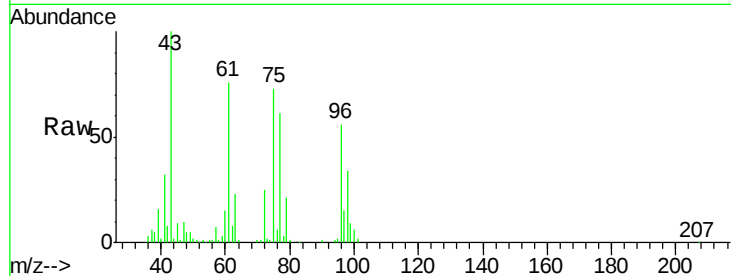


#27

cis-1,2-Dichloroethene
Concen: 19.83 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

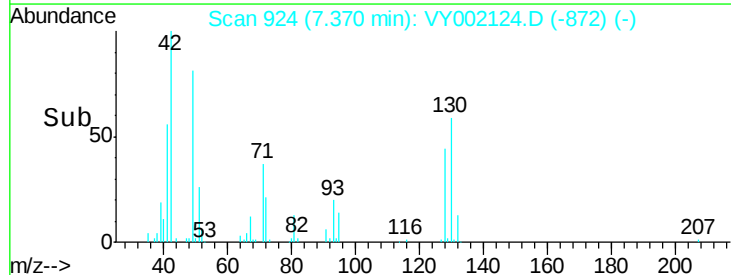
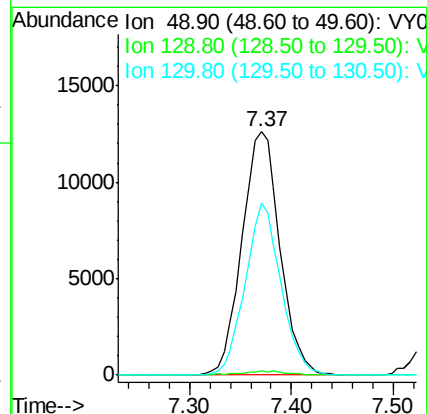
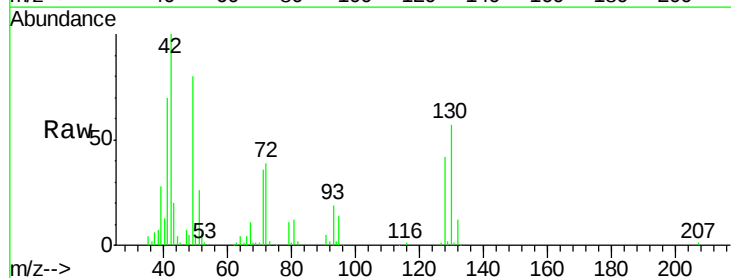
Tgt Ion: 96 Resp: 46366
Ion Ratio Lower Upper
96 100
61 147.2 0.0 290.6
98 64.0 0.0 128.0

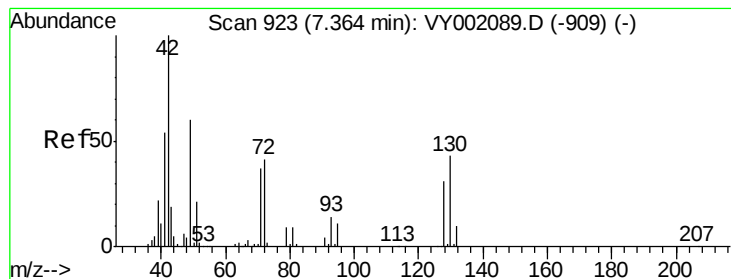


#28

Bromochloromethane
Concen: 19.21 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 49 Resp: 32600
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.4
130 66.3 54.1 81.1





#29

Tetrahydrofuran

Concen: 101.59 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

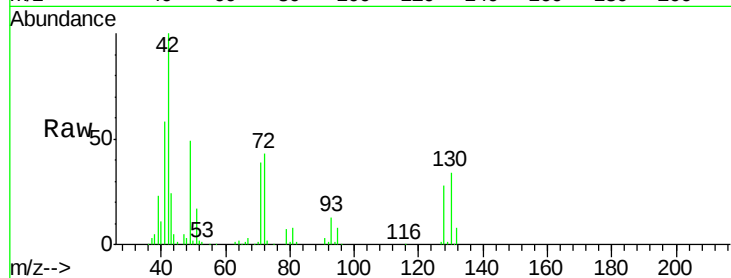
Tgt Ion: 42 Resp: 54631

Ion Ratio Lower Upper

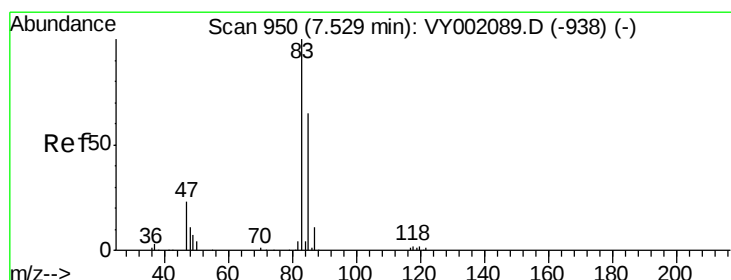
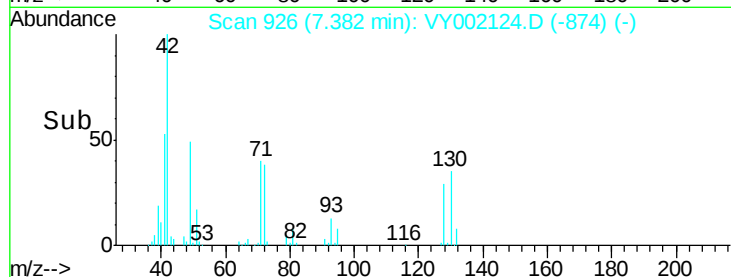
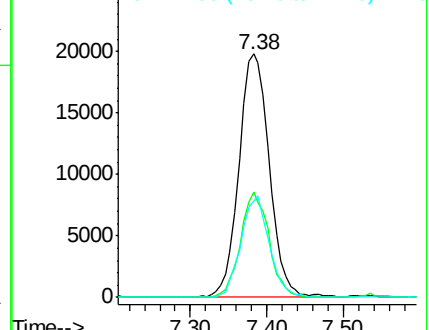
42 100

72 40.4 33.0 49.4

71 38.7 31.2 46.8



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



#30

Chloroform

Concen: 19.25 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY002124.D

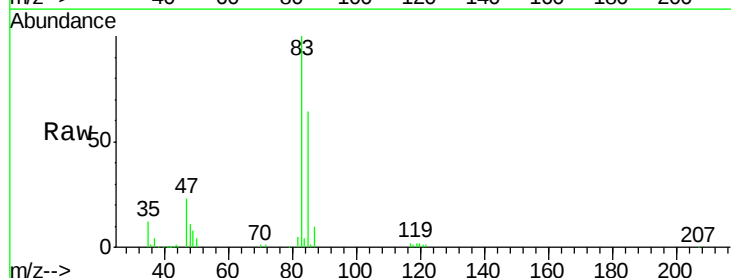
Acq: 31 Mar 2020 11:54

Tgt Ion: 83 Resp: 67820

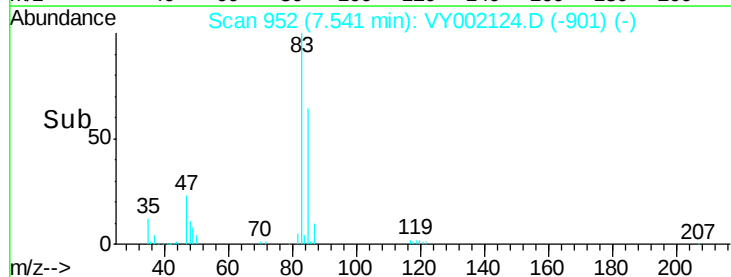
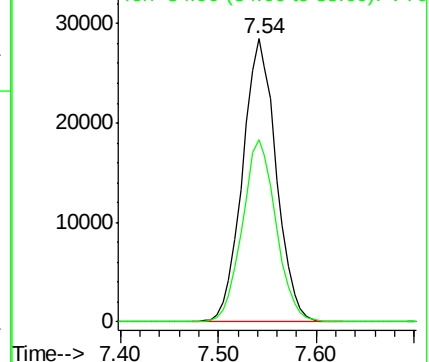
Ion Ratio Lower Upper

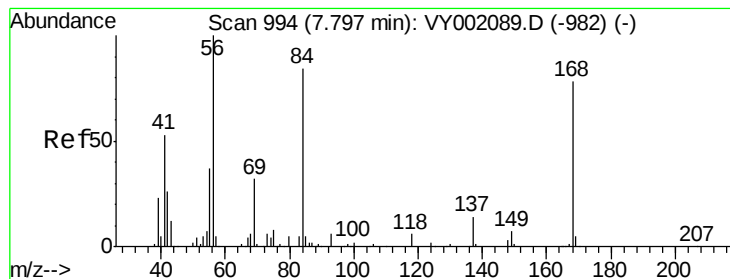
83 100

85 64.5 52.4 78.6



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





#31

Cyclohexane

Concen: 19.62 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

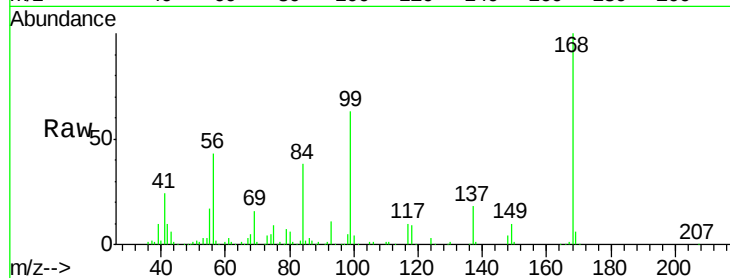
Tgt Ion: 56 Resp: 77711

Ion Ratio Lower Upper

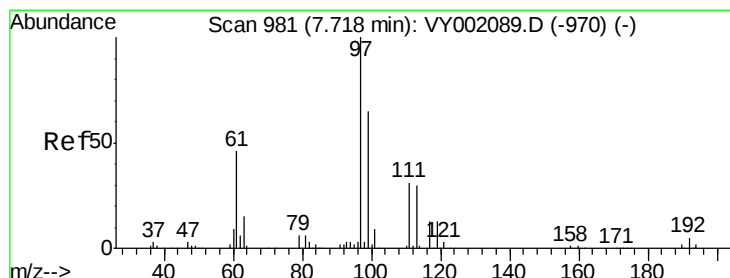
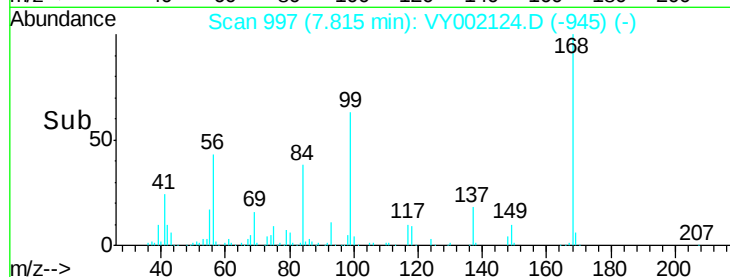
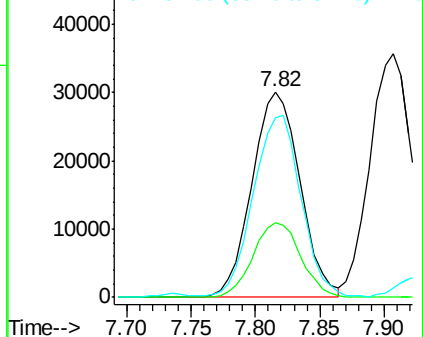
56 100

69 36.4 25.8 38.8

84 86.3 67.1 100.7



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



#32

1,1,1-Trichloroethane

Concen: 19.70 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

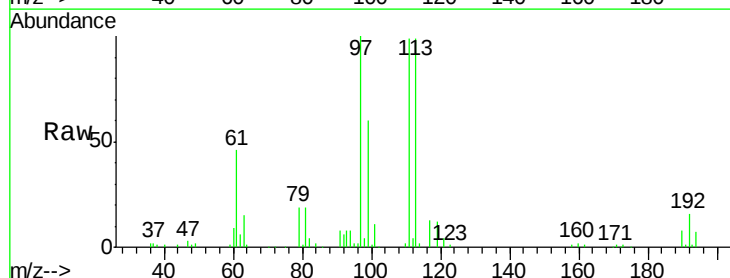
Tgt Ion: 97 Resp: 57971

Ion Ratio Lower Upper

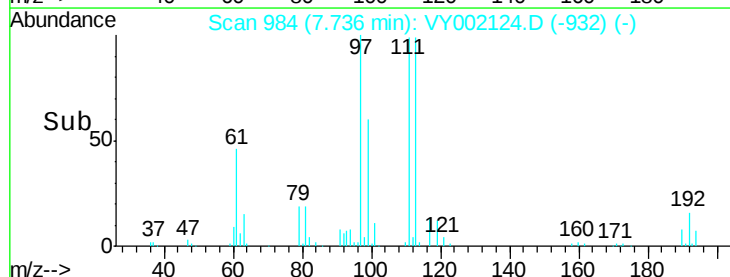
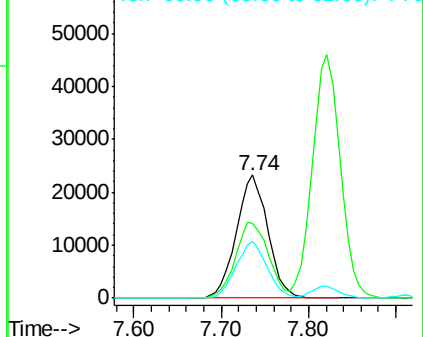
97 100

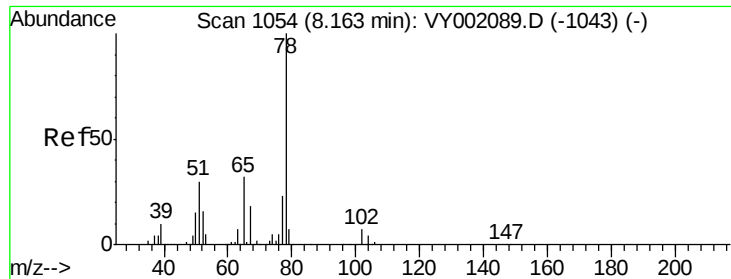
99 65.0 52.0 78.0

61 45.9 35.7 53.5



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

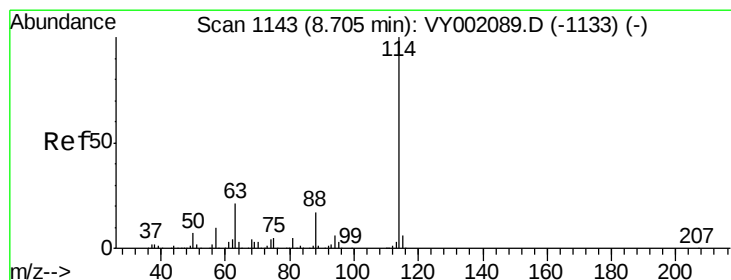
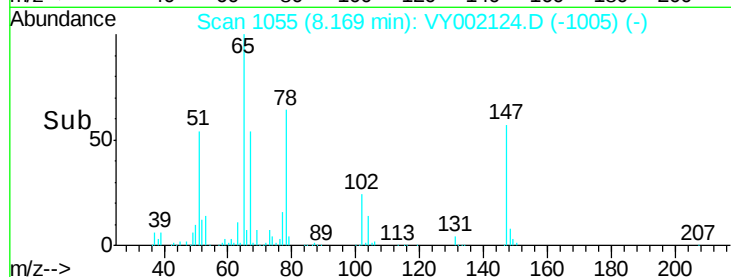
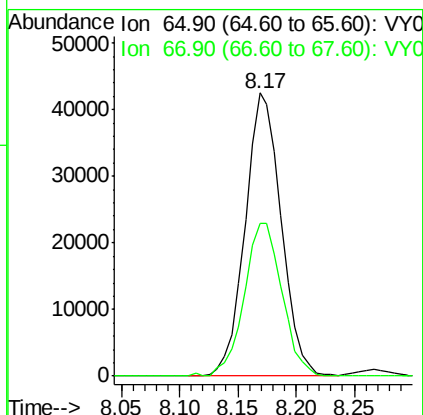
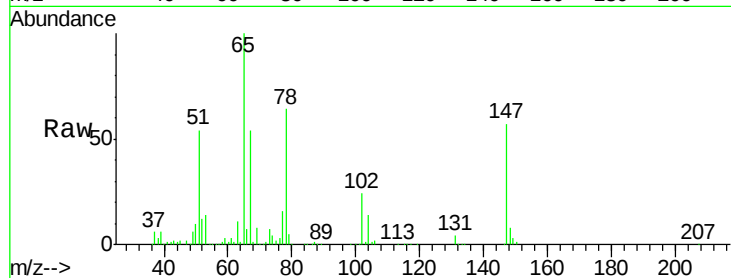




#33
 1,2-Dichloroethane-d4
 Concen: 48.38 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

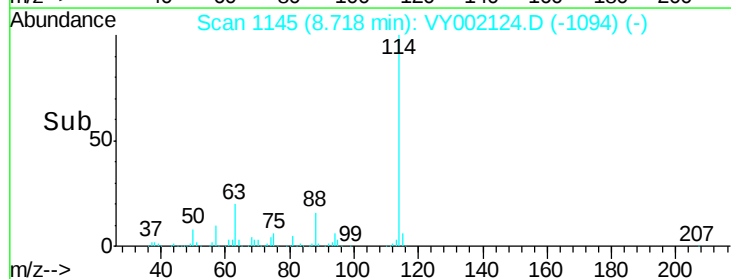
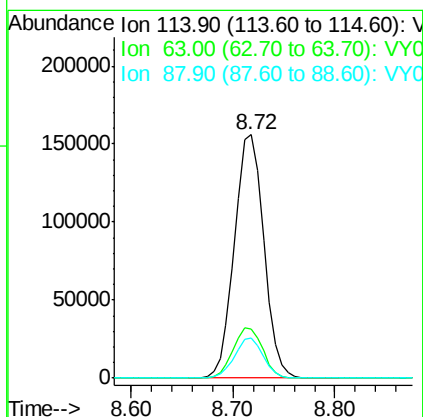
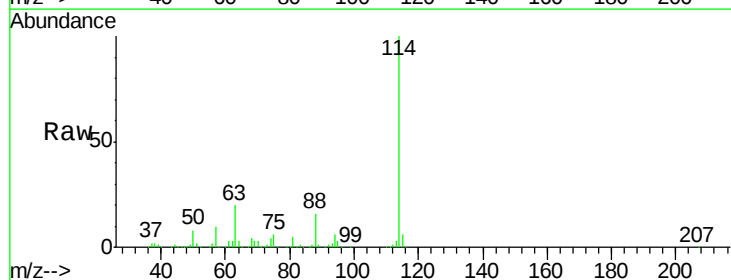
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

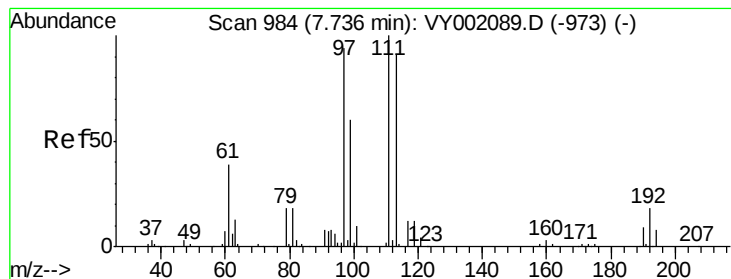
Tgt Ion: 65 Resp: 91985
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 114 Resp: 311070
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.75 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

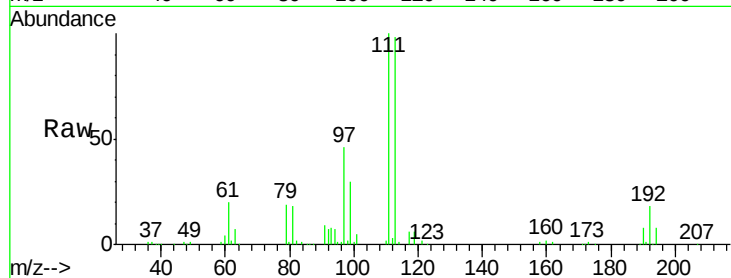
Tgt Ion:113 Resp: 86718

Ion Ratio Lower Upper

113 100

111 102.8 84.4 126.6

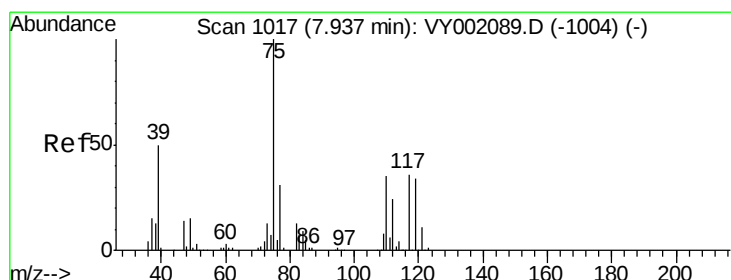
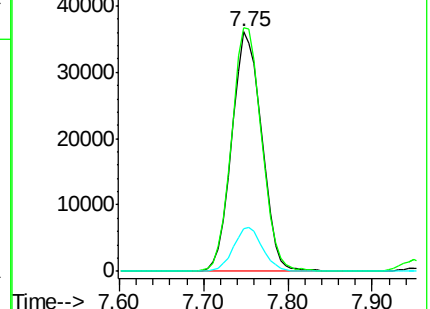
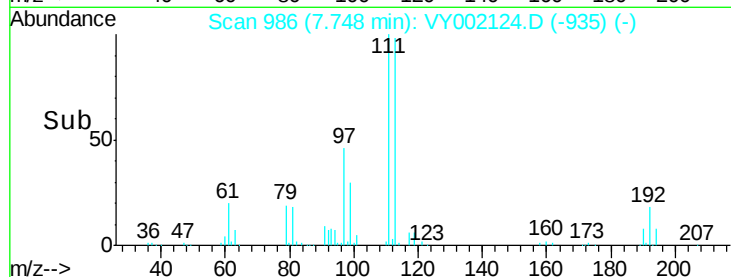
192 17.9 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.50 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

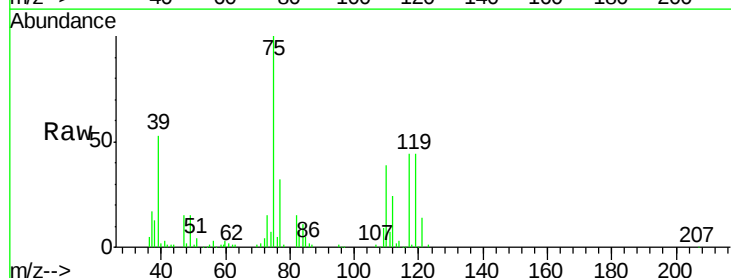
Tgt Ion: 75 Resp: 57371

Ion Ratio Lower Upper

75 100

110 34.9 17.2 51.6

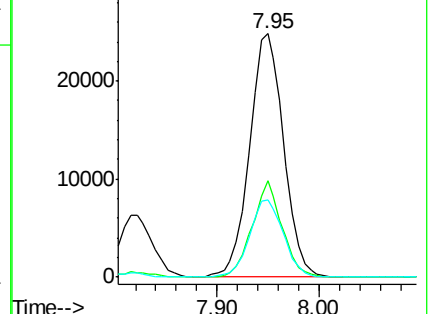
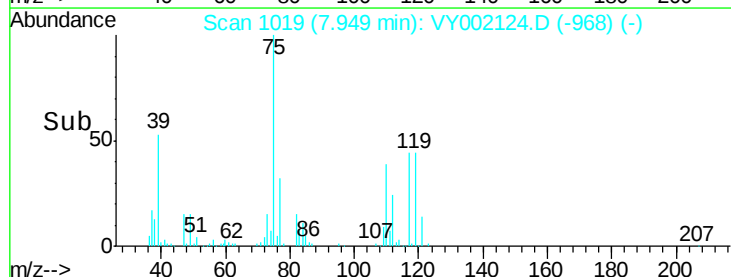
77 31.8 24.7 37.1

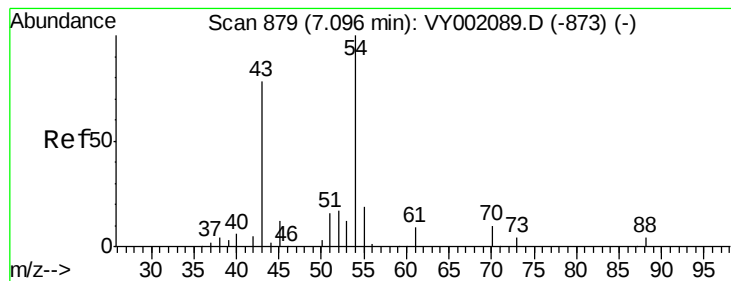


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 19.52 ug/l

RT: 7.11 min Scan# 881

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

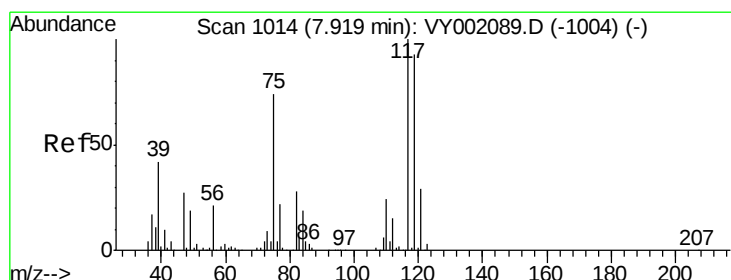
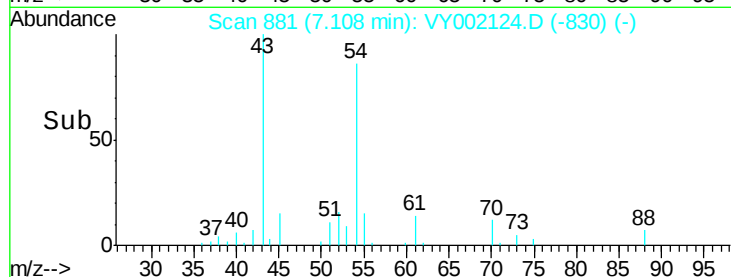
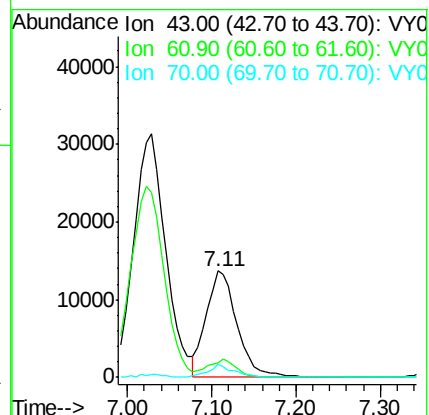
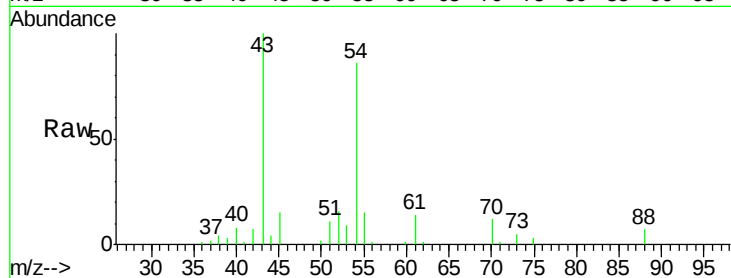
Tgt Ion: 43 Resp: 34701

Ion Ratio Lower Upper

43 100

61 15.0 11.2 16.8

70 10.0 8.2 12.4



#38

Carbon Tetrachloride

Concen: 20.15 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

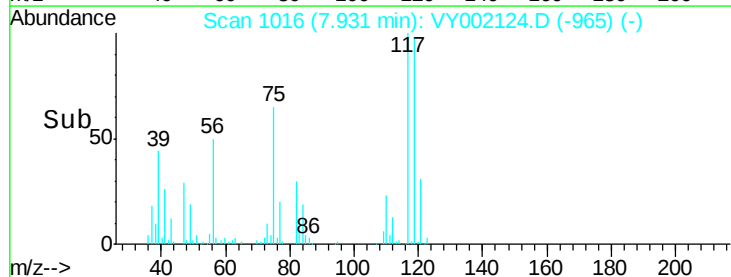
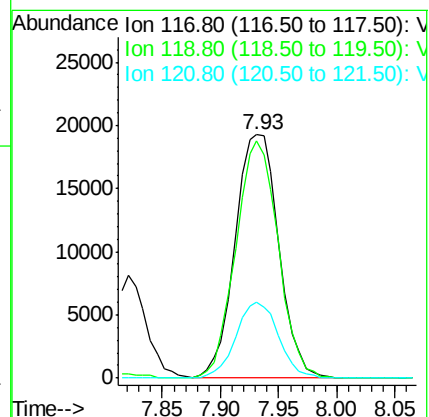
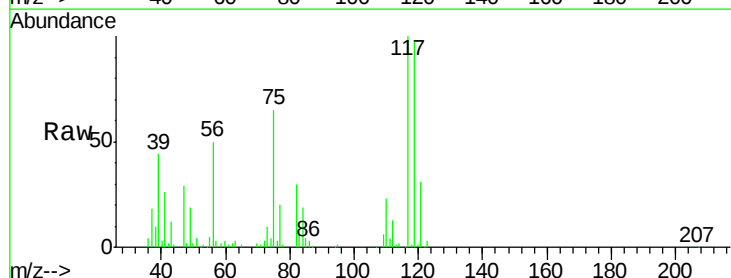
Tgt Ion: 117 Resp: 50302

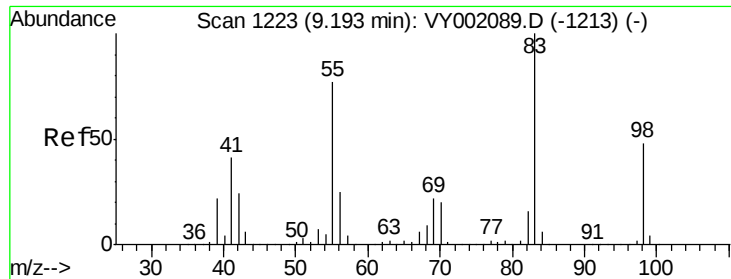
Ion Ratio Lower Upper

117 100

119 97.6 74.3 111.5

121 31.0 23.3 34.9

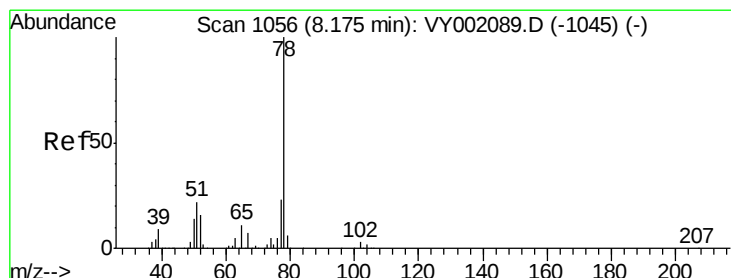
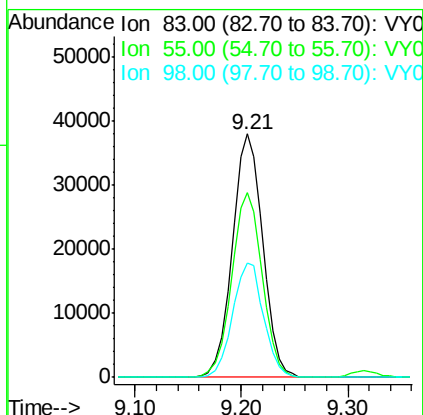
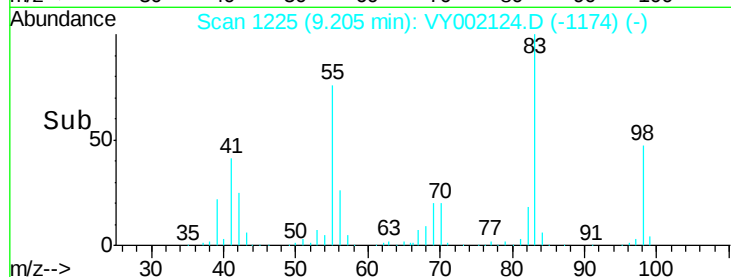
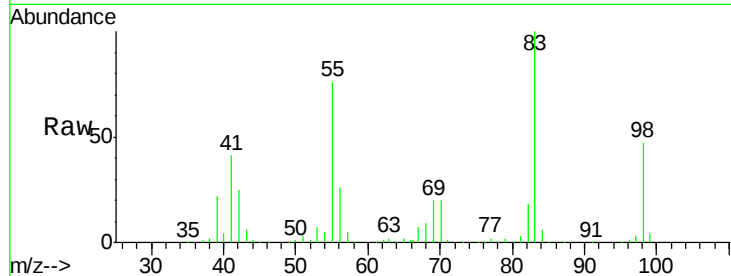




#39
Methylcyclohexane
Concen: 19.64 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

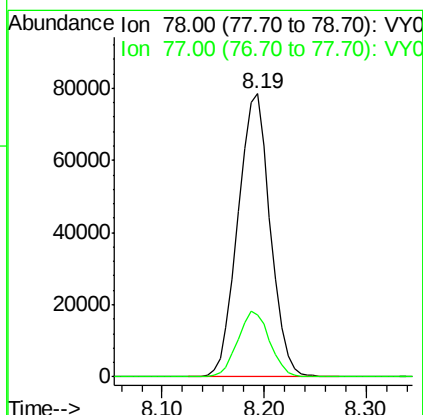
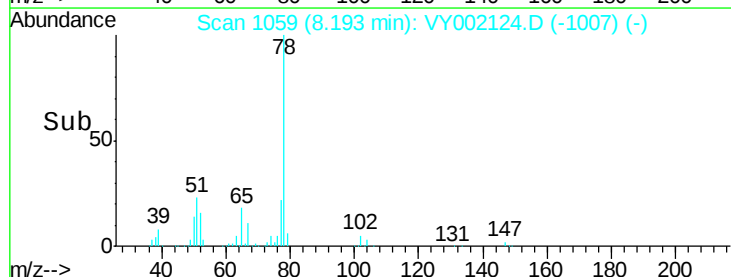
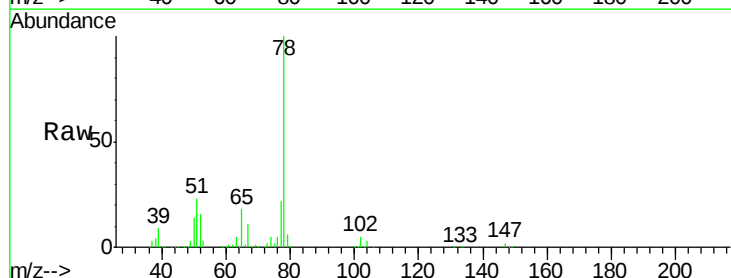
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

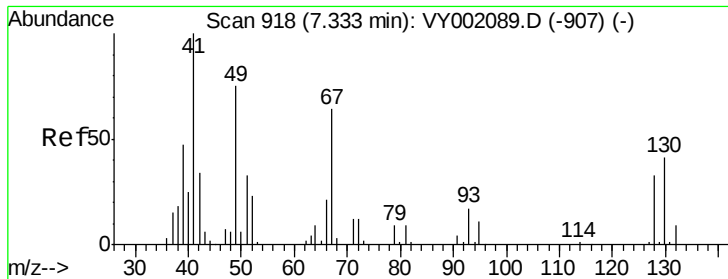
Tgt Ion: 83 Resp: 75799
Ion Ratio Lower Upper
83 100
55 76.0 61.2 91.8
98 46.8 38.2 57.2



#40
Benzene
Concen: 19.77 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 78 Resp: 172304
Ion Ratio Lower Upper
78 100
77 22.0 18.2 27.4





#41

Methacrylonitrile

Concen: 53.41 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.05 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

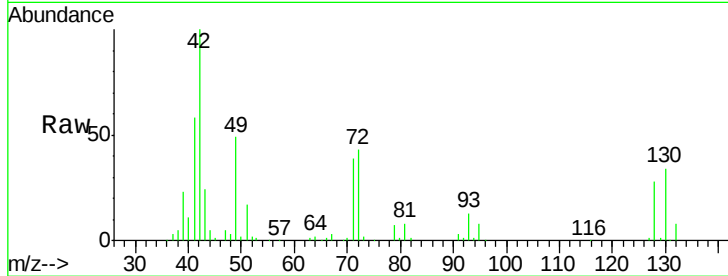
MSVOA_Y

ClientSampleId :

VY0331SBS01

Tgt Ion: 41 Resp: 48038

Ion	Ratio	Lower	Upper
41	100		
39	43.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

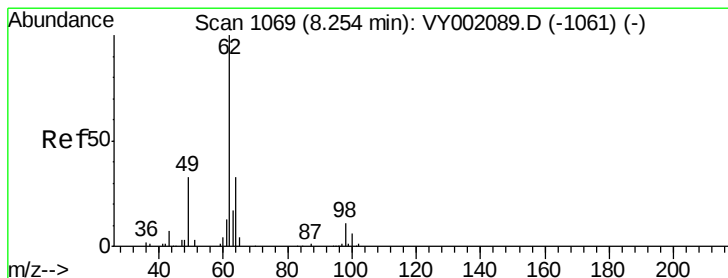
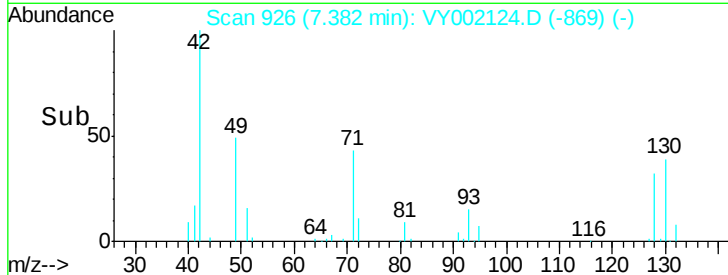
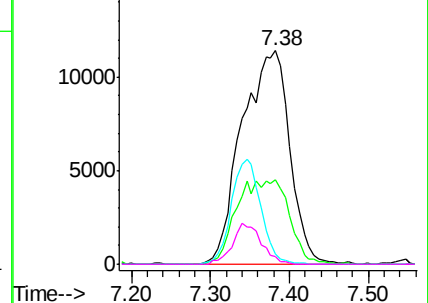


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.82 ug/l

RT: 8.27 min Scan# 1071

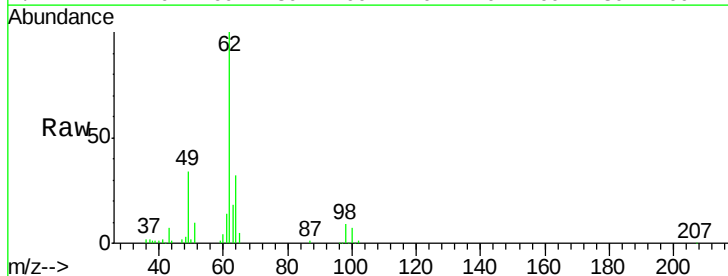
Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

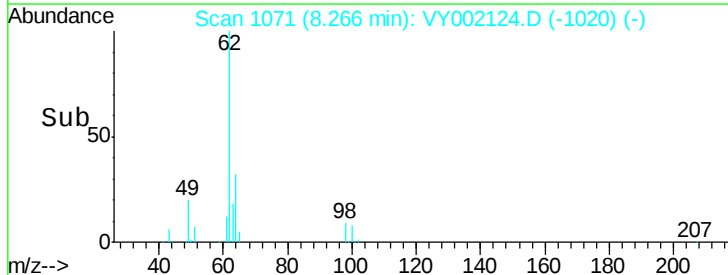
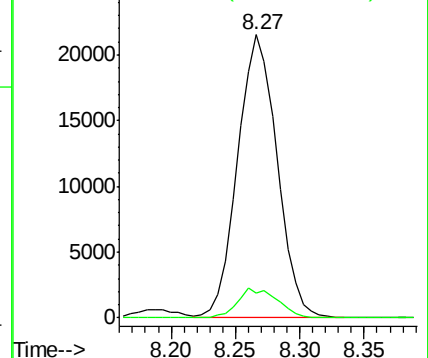
Tgt Ion: 62 Resp: 45853

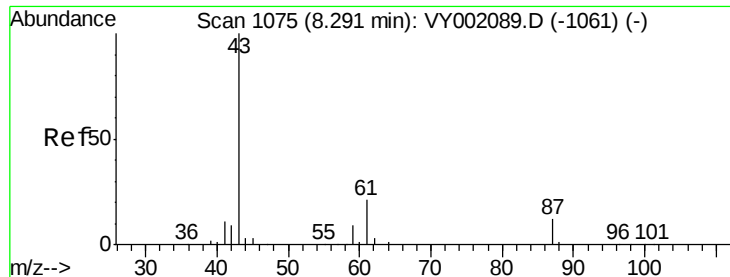
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.04 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

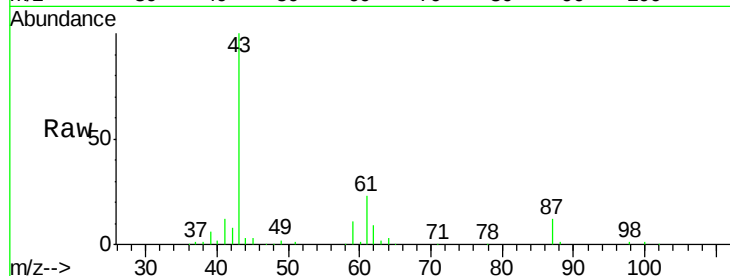
Tgt Ion: 43 Resp: 66124

Ion Ratio Lower Upper

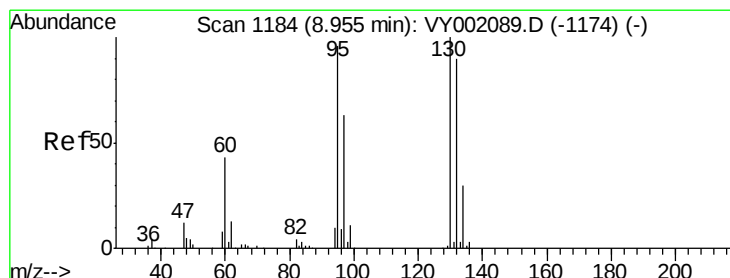
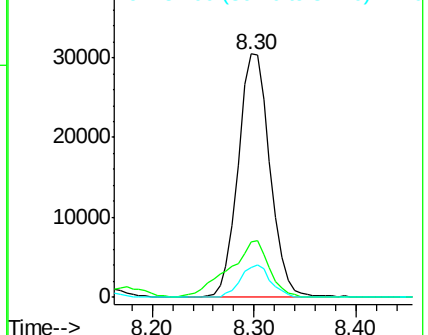
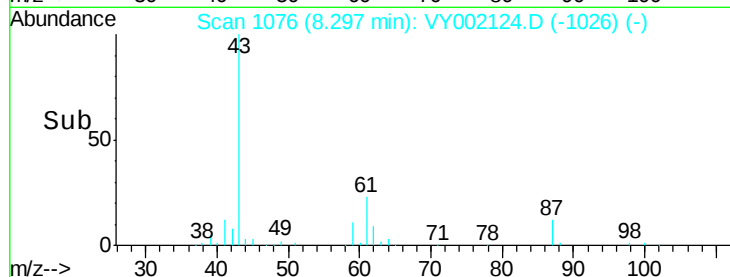
43 100

61 29.5 23.4 35.2

87 12.5 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002124.D (-1026) (-)



#44

Trichloroethene

Concen: 19.81 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY002124.D

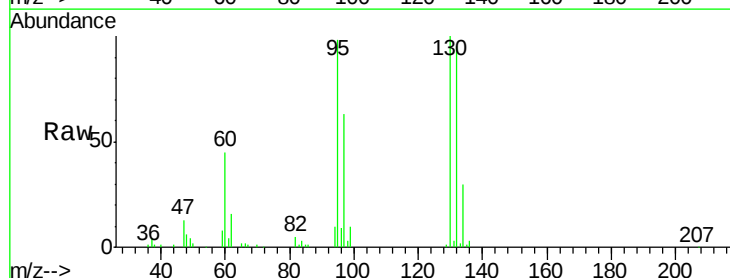
Acq: 31 Mar 2020 11:54

Tgt Ion: 130 Resp: 41626

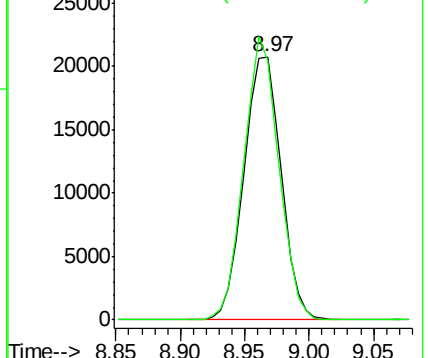
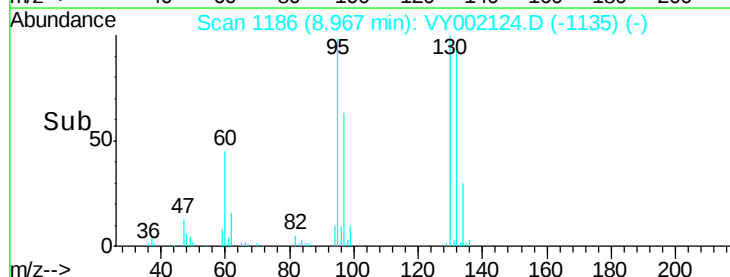
Ion Ratio Lower Upper

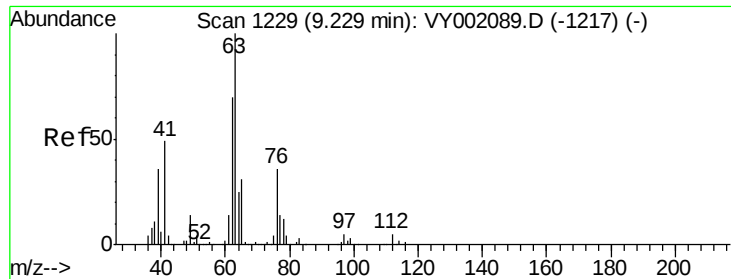
130 100

95 98.2 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002124.D (-1135) (-)

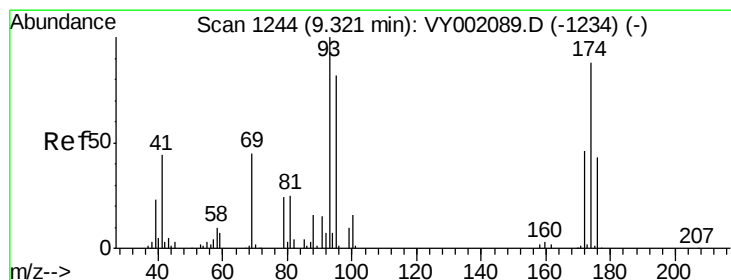
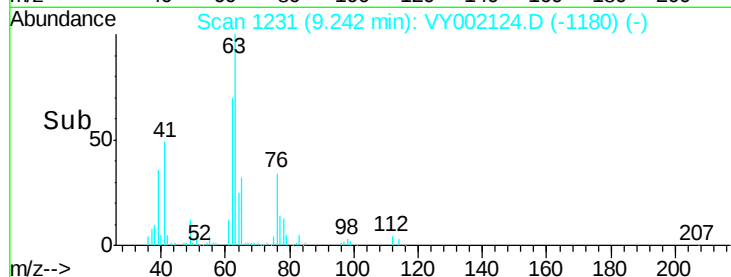
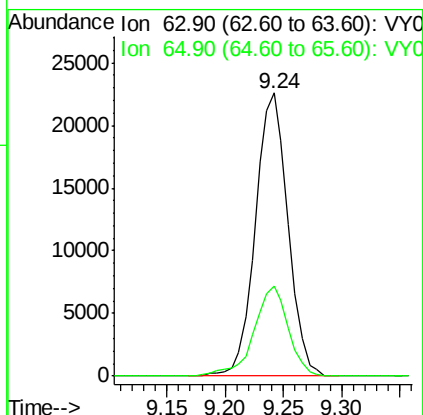
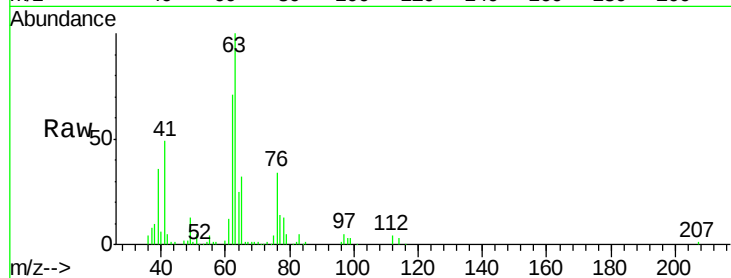




#45
 1,2-Dichloropropane
 Concen: 19.79 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

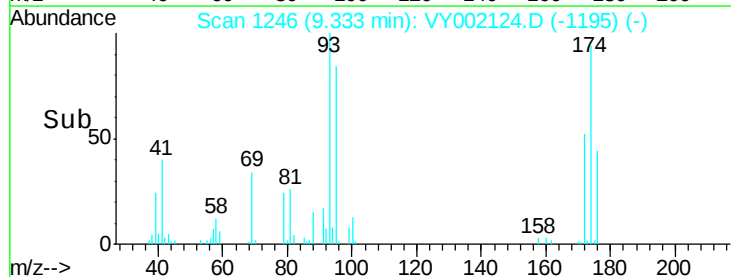
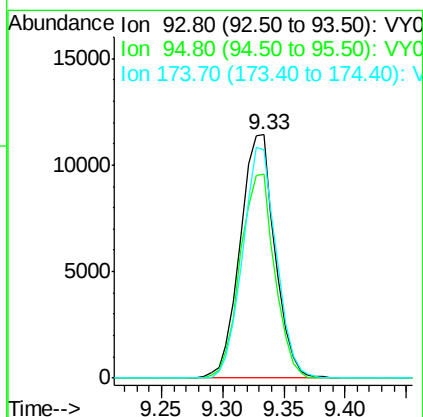
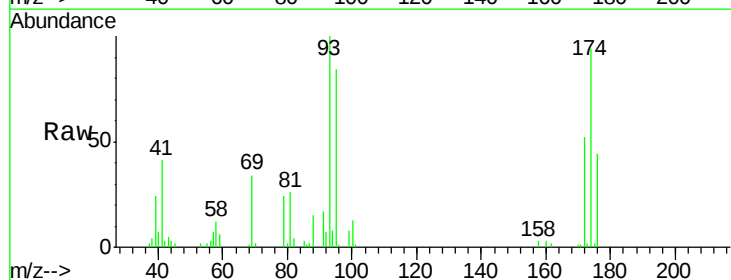
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

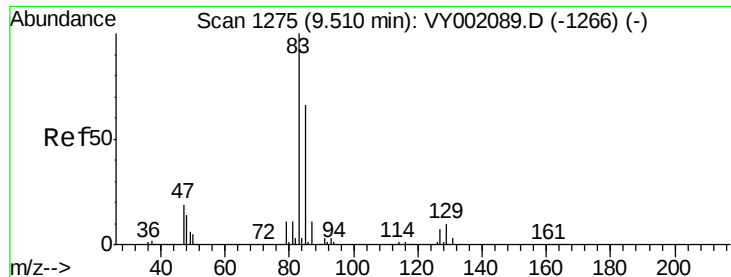
Tgt Ion: 63 Resp: 43920
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6



#46
 Dibromomethane
 Concen: 19.83 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 93 Resp: 22603
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.0 99.0
 174 91.7 69.8 104.8





#47

Bromodichloromethane

Concen: 19.53 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

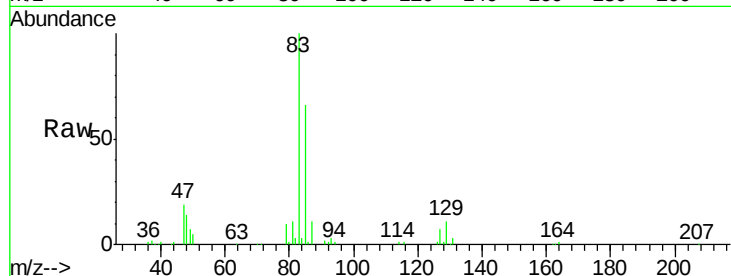
Tgt Ion: 83 Resp: 51821

Ion Ratio Lower Upper

83 100

85 66.0 52.6 79.0

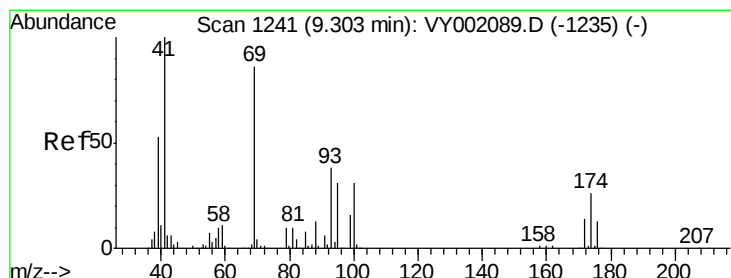
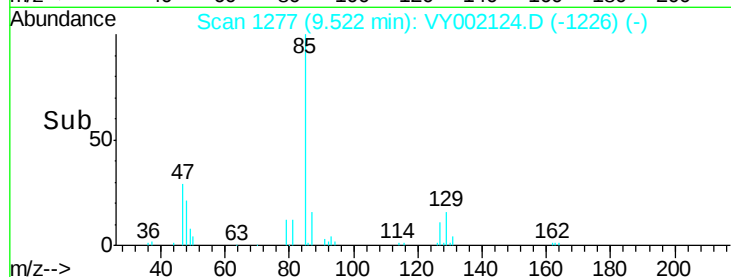
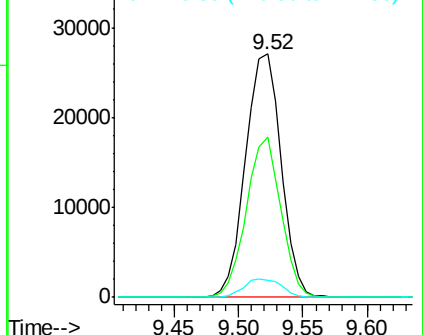
127 7.0 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.10 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

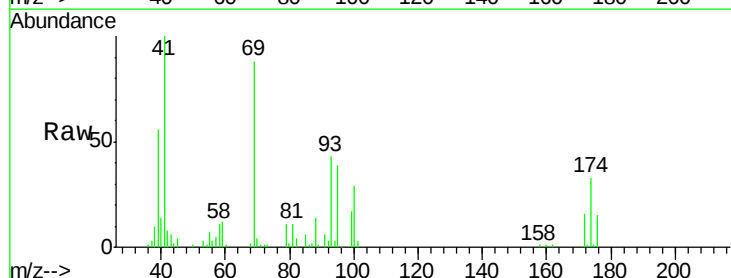
Tgt Ion: 41 Resp: 28249

Ion Ratio Lower Upper

41 100

69 89.2 71.4 107.0

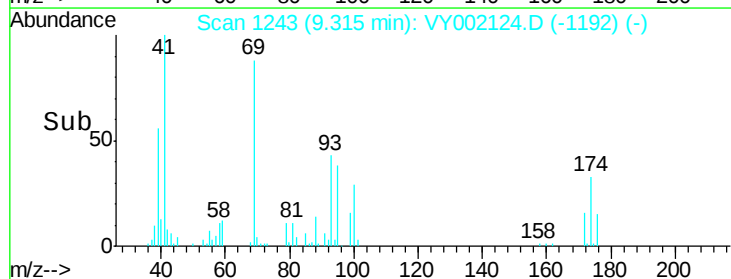
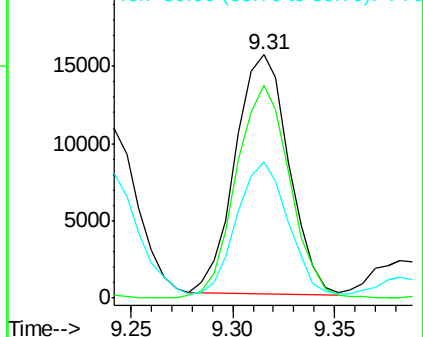
39 56.1 41.0 61.4

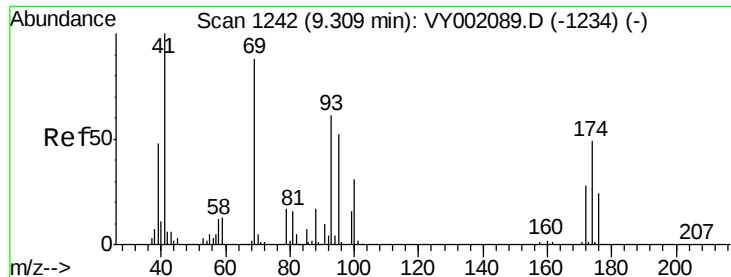


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

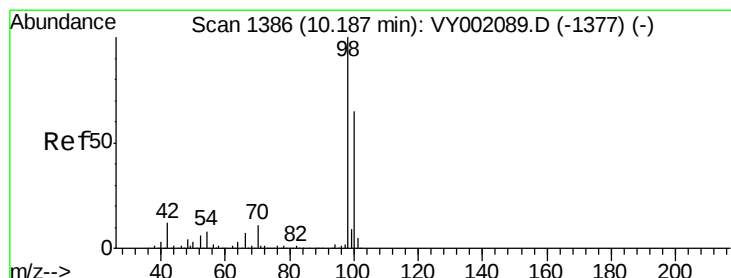
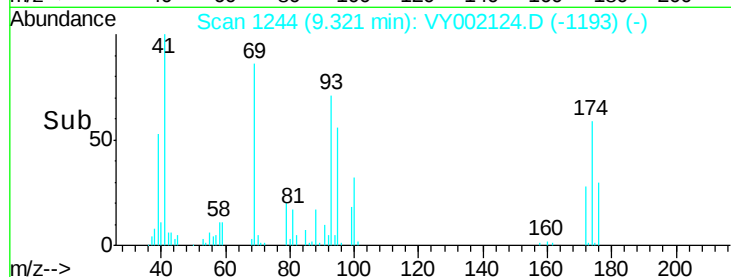
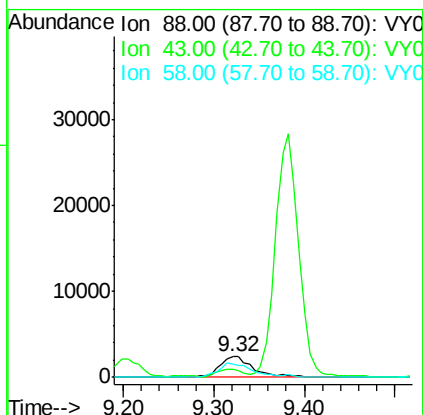
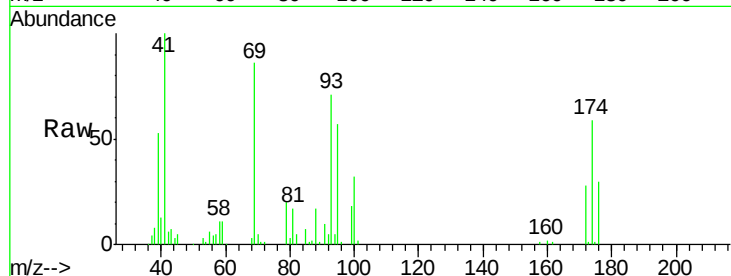




#49
1,4-Dioxane
Concen: 406.23 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

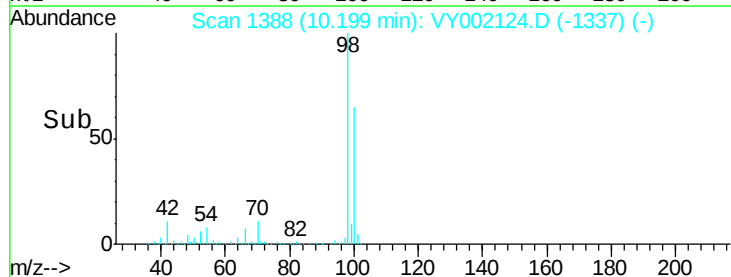
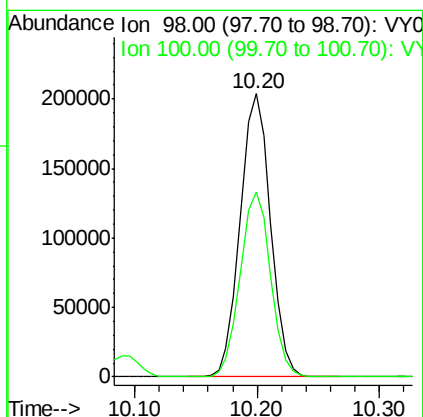
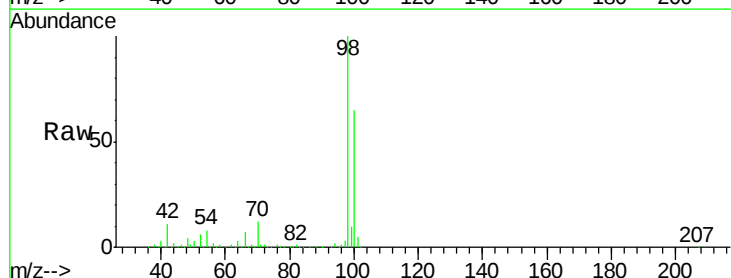
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

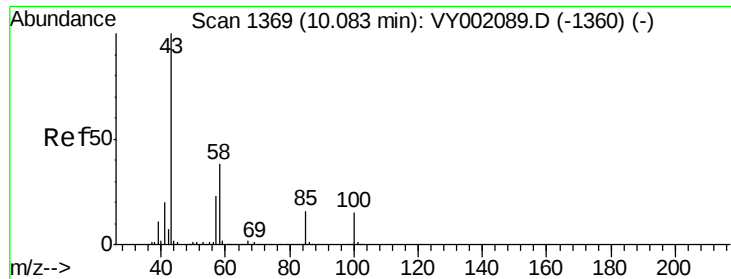
Tgt Ion: 88 Resp: 6353
Ion Ratio Lower Upper
88 100
43 27.1 27.2 40.8#
58 71.5 59.8 89.8



#50
Toluene-d8
Concen: 48.36 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 98 Resp: 350181
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4

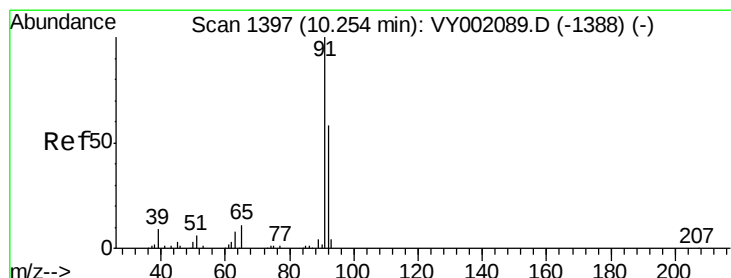
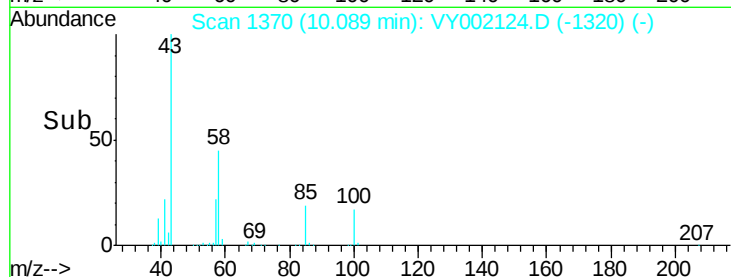
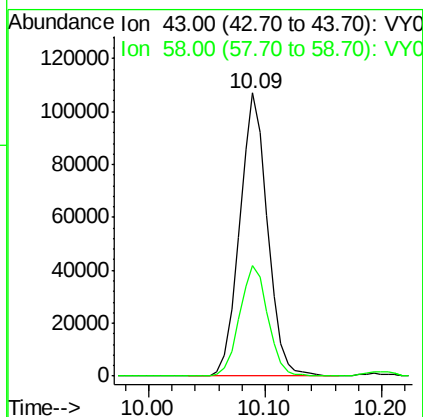
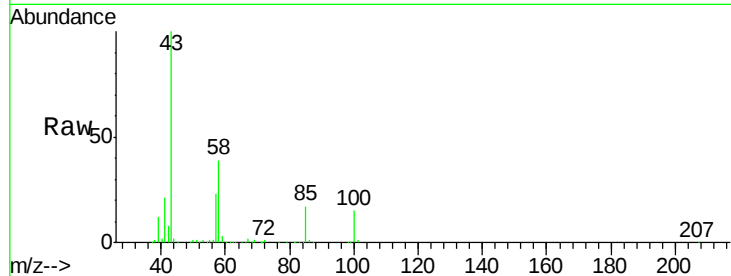




#51
 4-Methyl-2-Pentanone
 Concen: 104.64 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

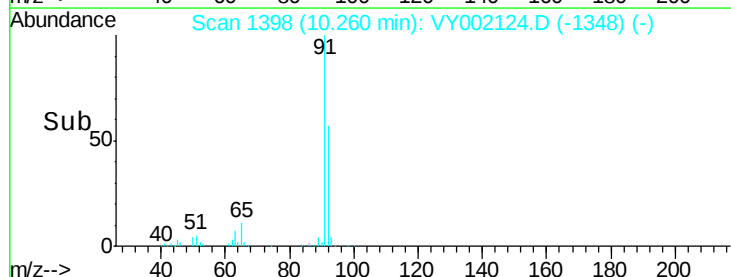
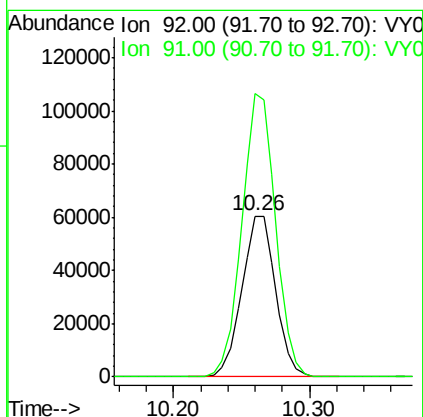
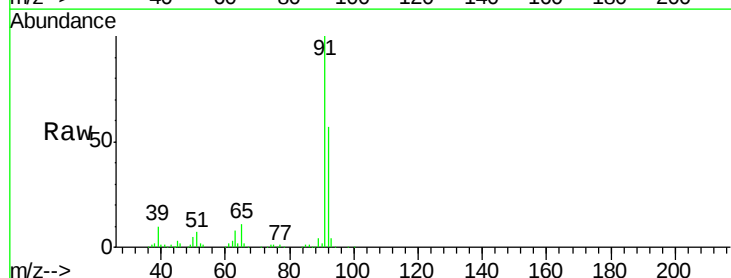
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

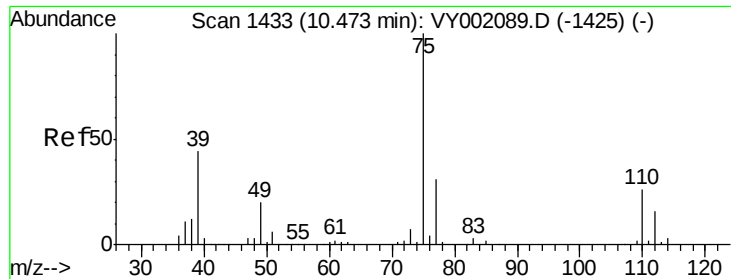
Tgt Ion: 43 Resp: 177809
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.6 47.4



#52
 Toluene
 Concen: 19.86 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 92 Resp: 104682
 Ion Ratio Lower Upper
 92 100
 91 175.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.94 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

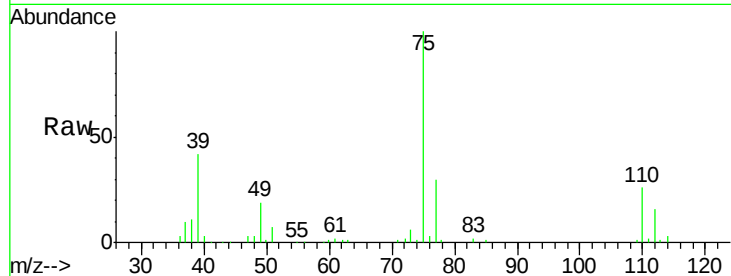
VY0331SBS01

Tgt Ion: 75 Resp: 58703

Ion Ratio Lower Upper

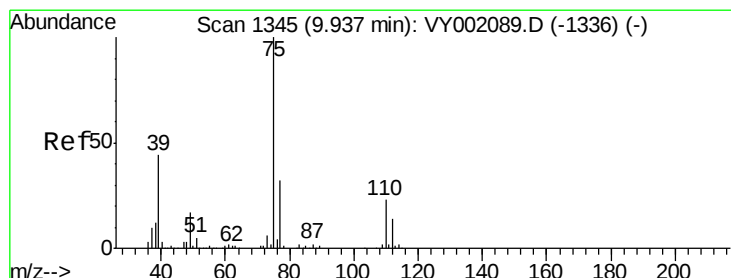
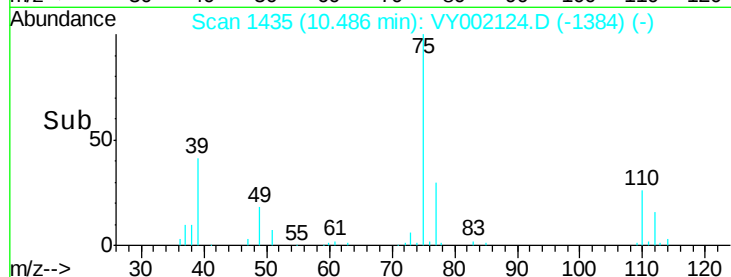
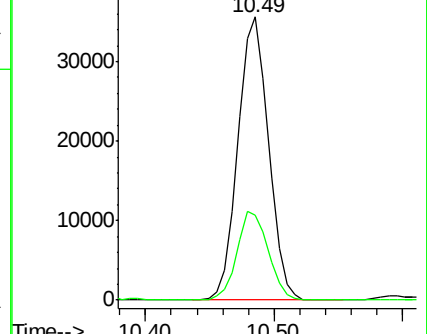
75 100

77 30.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.99 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

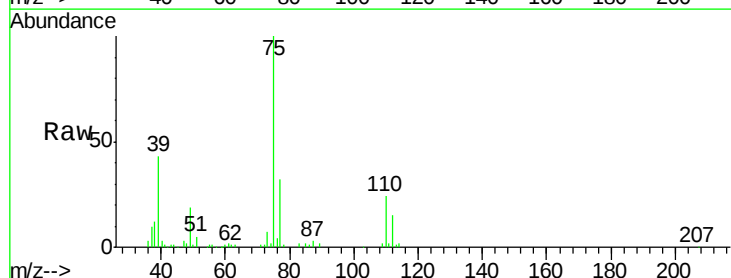
Tgt Ion: 75 Resp: 69320

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

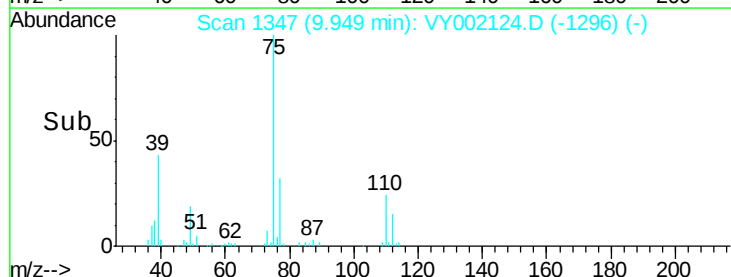
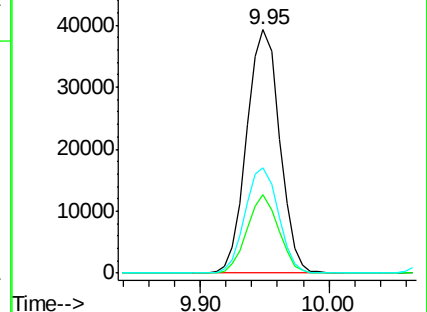
39 43.4 35.2 52.8

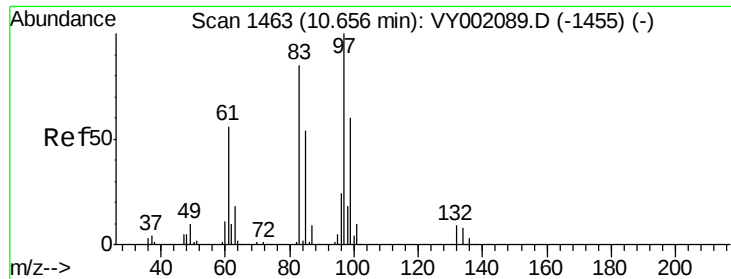


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

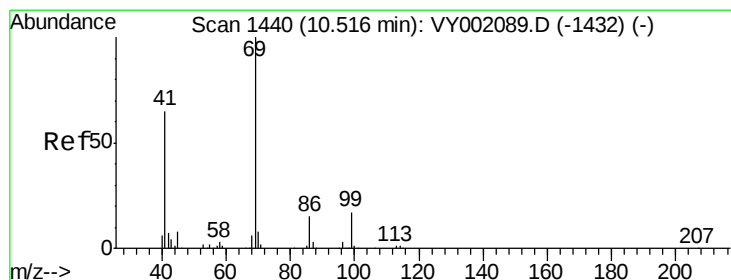
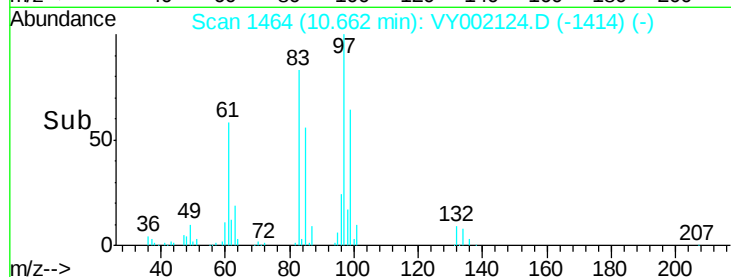
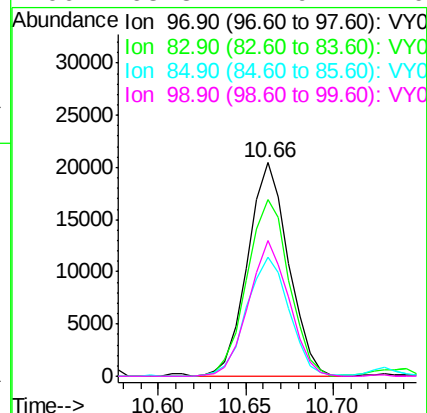
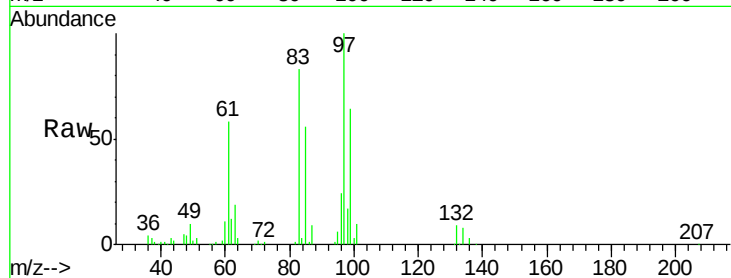




#55
 1,1,2-Trichloroethane
 Concen: 19.73 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

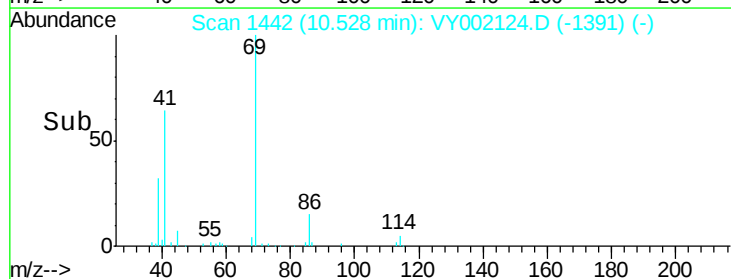
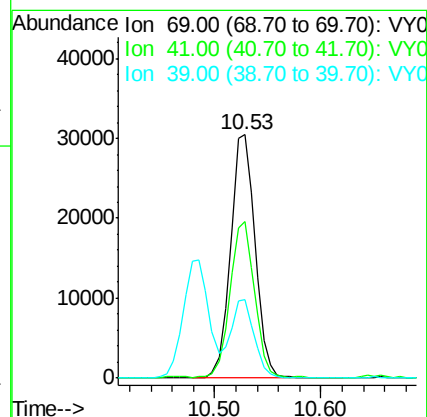
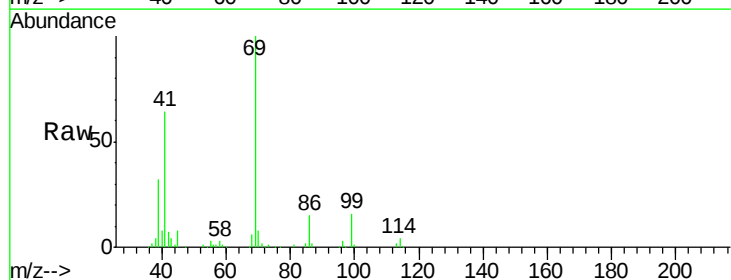
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

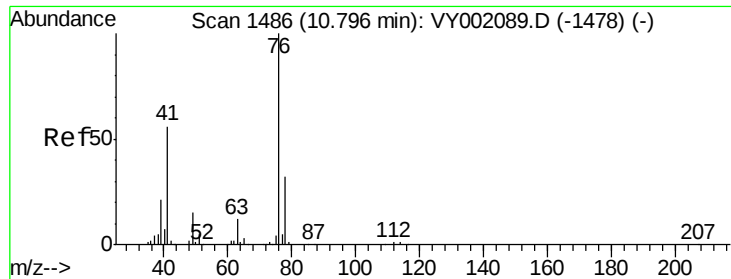
Tgt Ion:	97	Resp:	33273
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.2	102.2
85	56.0	42.9	64.3
99	63.8	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 20.00 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion:	69	Resp:	49267
Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.8	79.2
39	31.4	25.0	37.6

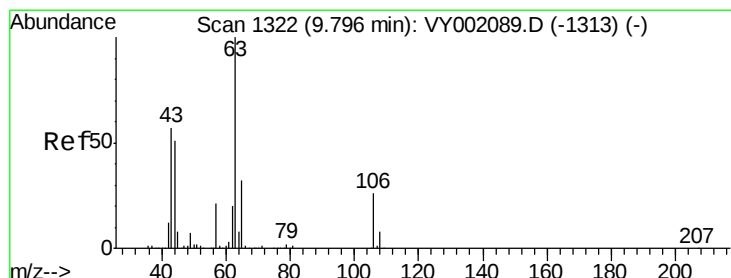
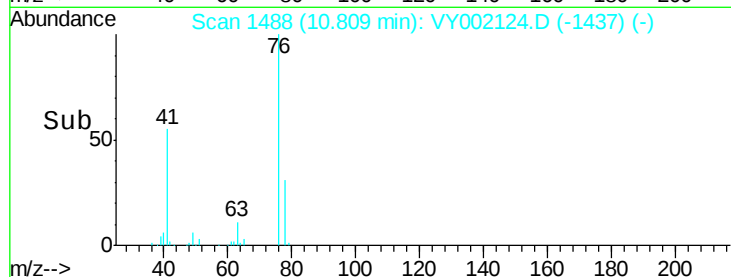
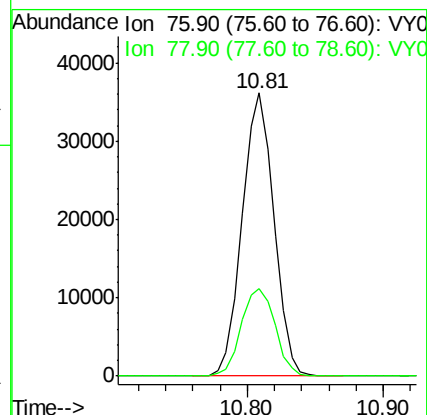
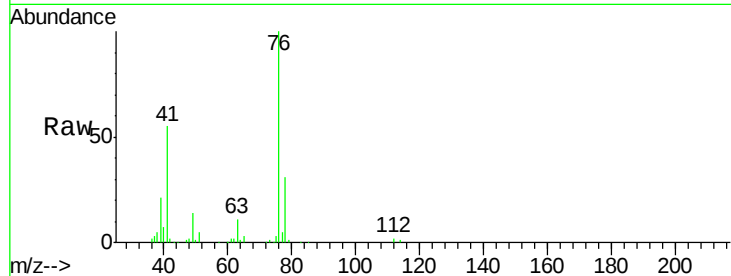




#57
 1,3-Dichloropropane
 Concen: 19.77 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

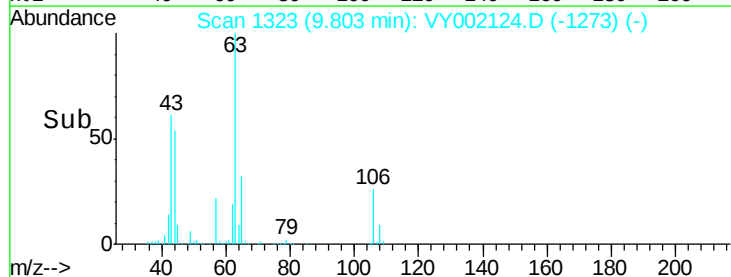
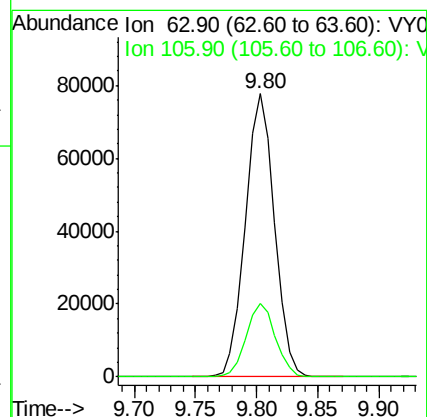
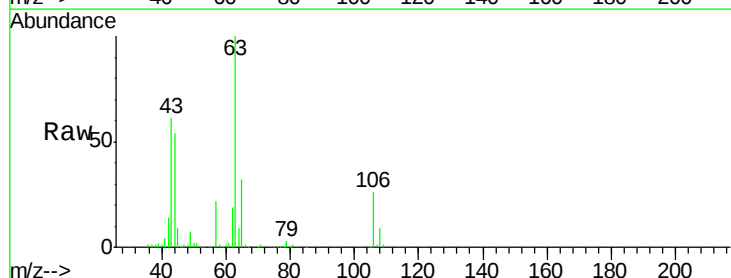
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

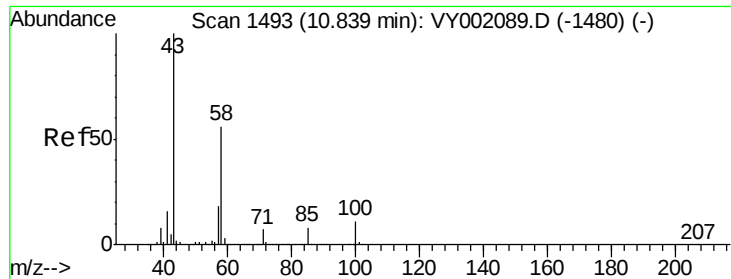
Tgt Ion: 76 Resp: 58905
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.43 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 63 Resp: 128398
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.0 31.4

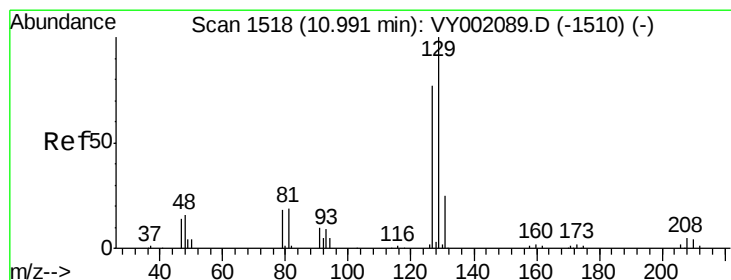
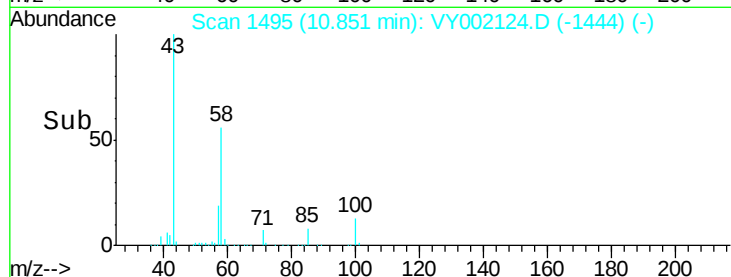
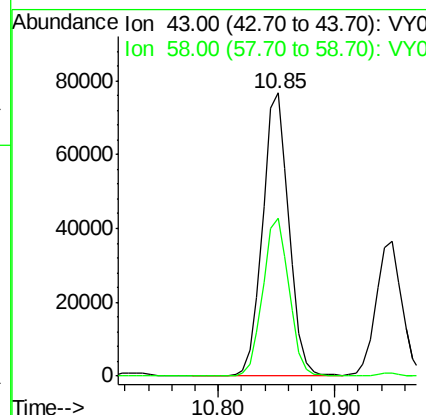
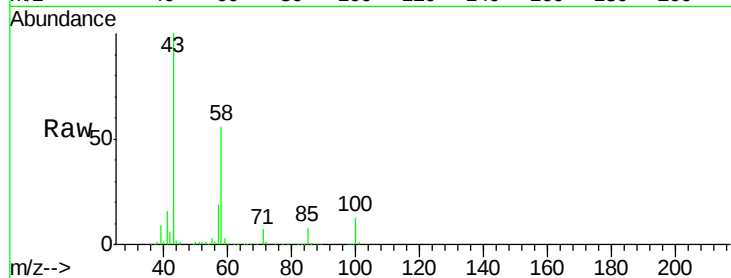




#59
2-Hexanone
Concen: 101.02 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

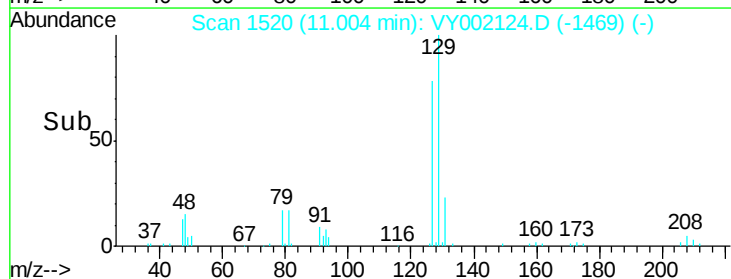
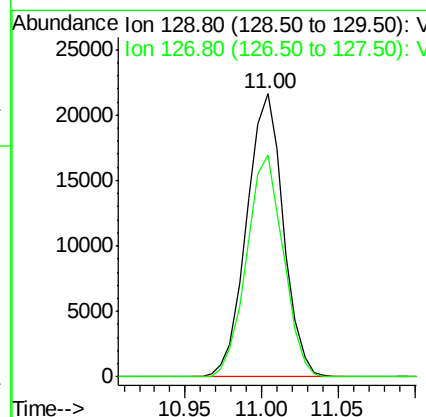
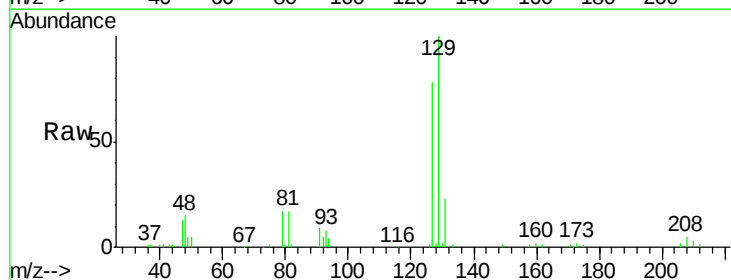
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

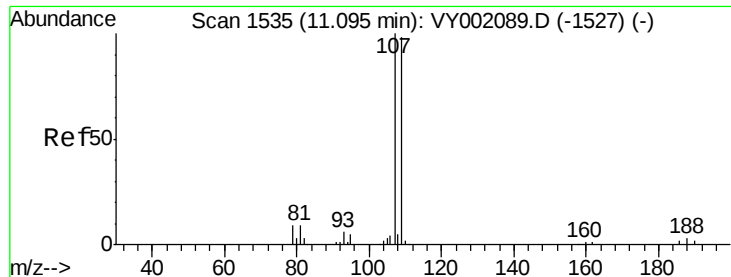
Tgt Ion: 43 Resp: 120916
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 20.37 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 129 Resp: 35962
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

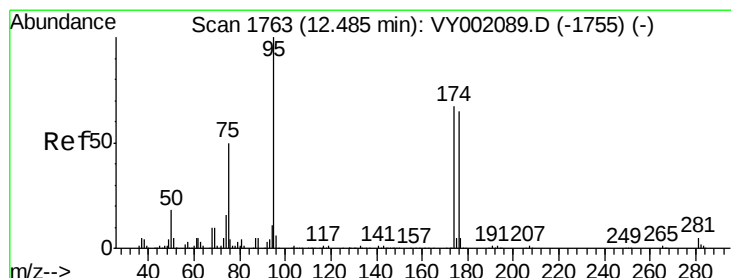
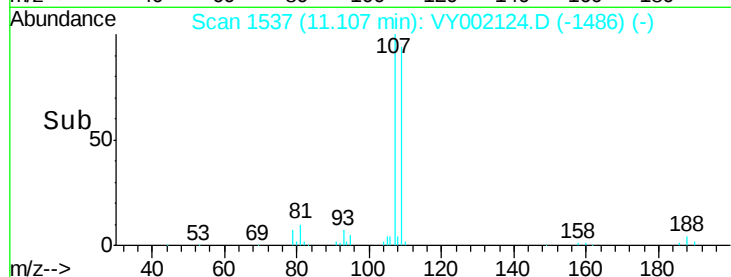
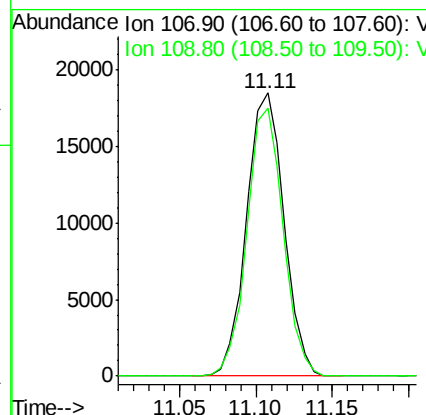
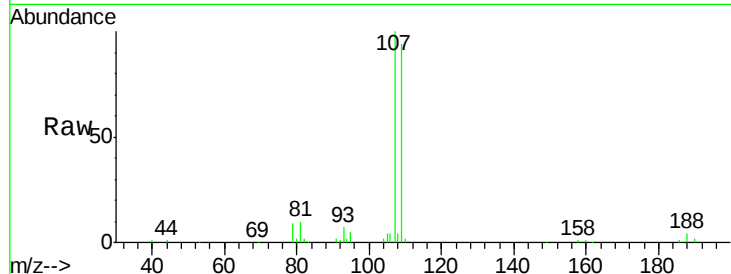




#61
 1,2-Dibromoethane
 Concen: 19.96 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

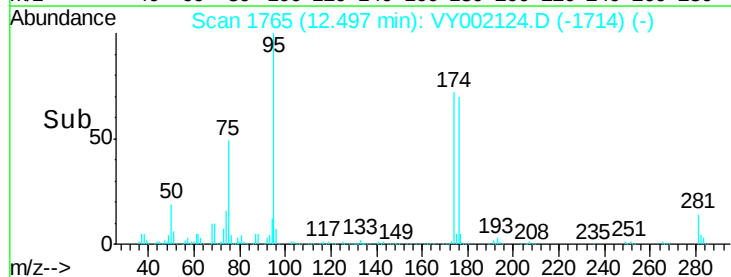
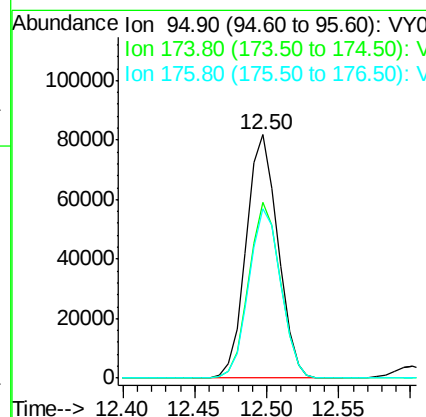
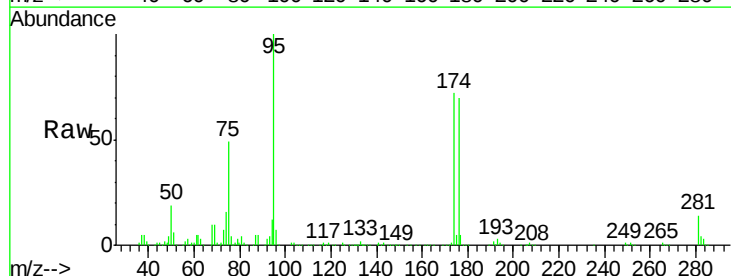
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

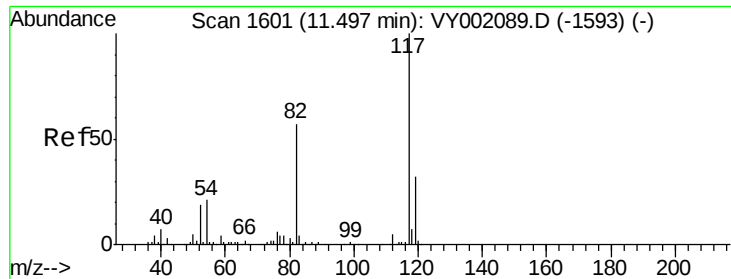
Tgt Ion: 107 Resp: 31515
 Ion Ratio Lower Upper
 107 100
 109 91.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.27 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 95 Resp: 124769
 Ion Ratio Lower Upper
 95 100
 174 71.4 0.0 143.4
 176 69.8 0.0 137.0

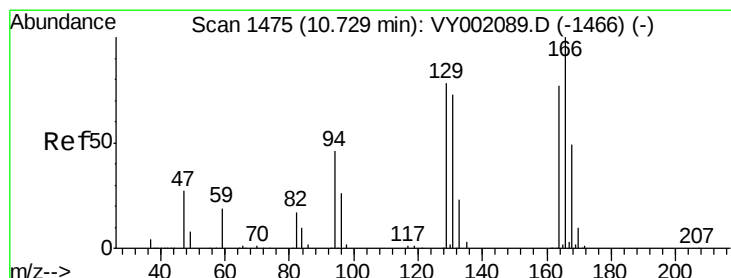
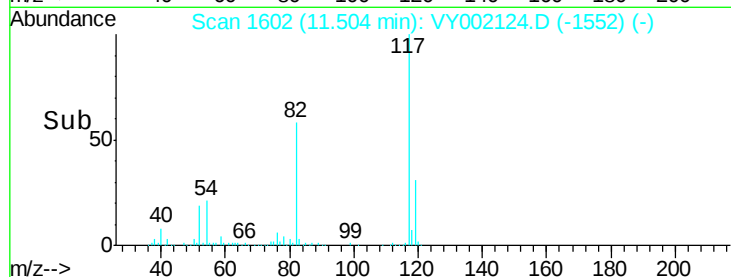
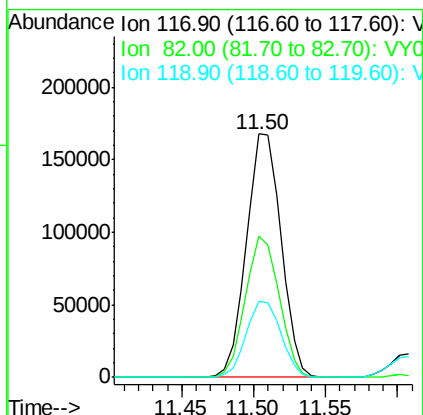
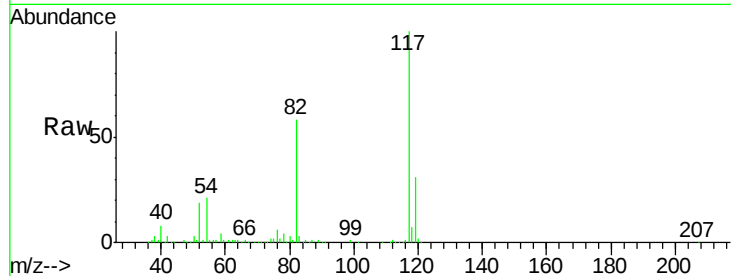




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

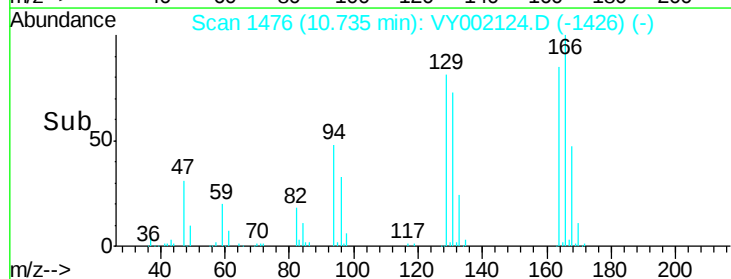
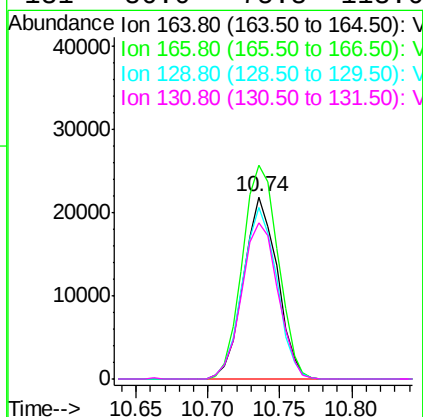
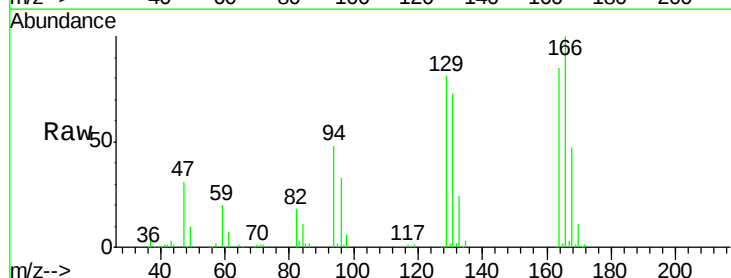
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

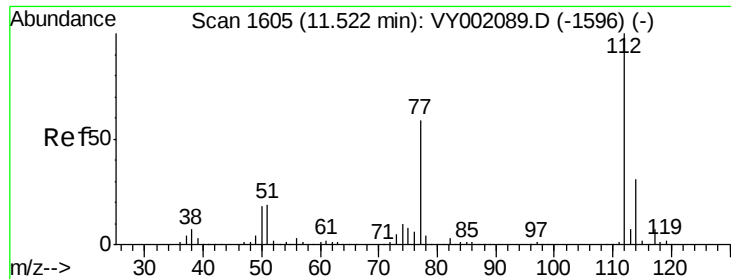
Tgt Ion:117 Resp: 279282
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 31.2 25.3 37.9



#64
Tetrachloroethene
Concen: 20.84 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion:164 Resp: 35615
Ion Ratio Lower Upper
164 100
166 117.4 104.0 156.0
129 94.6 81.2 121.8
131 86.0 75.8 113.6

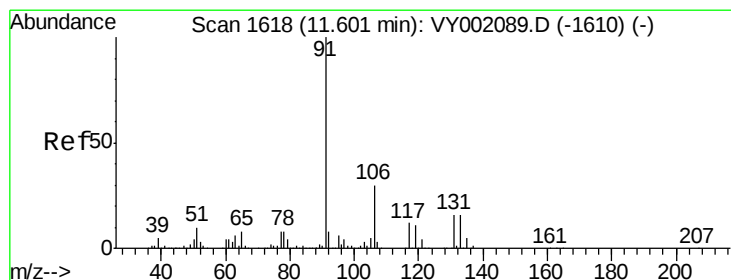
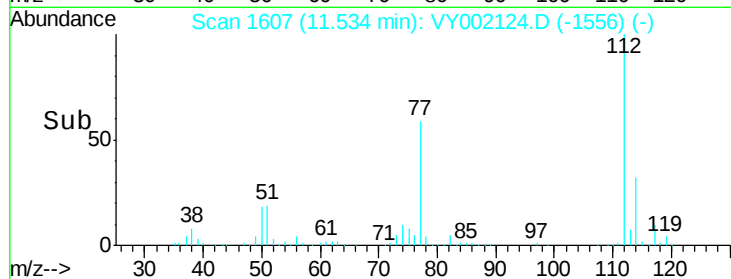
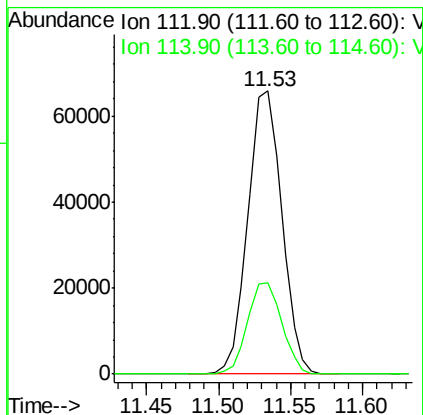
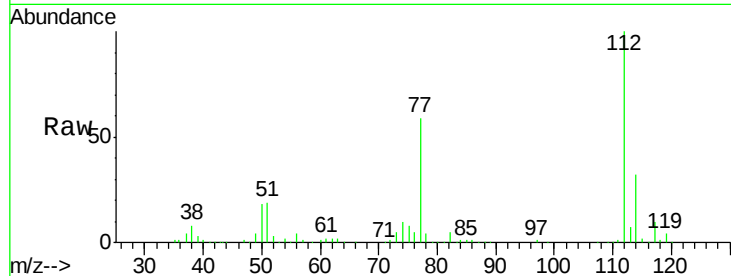




#65
Chlorobenzene
Concen: 19.95 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

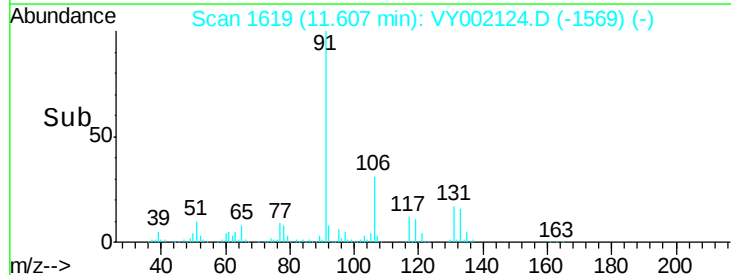
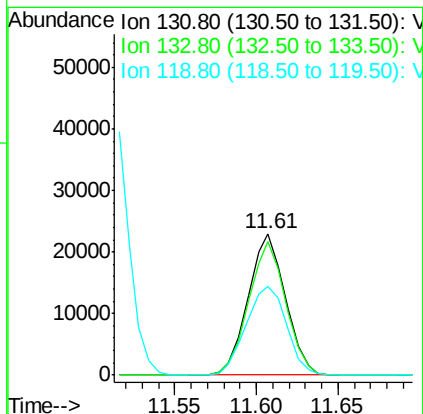
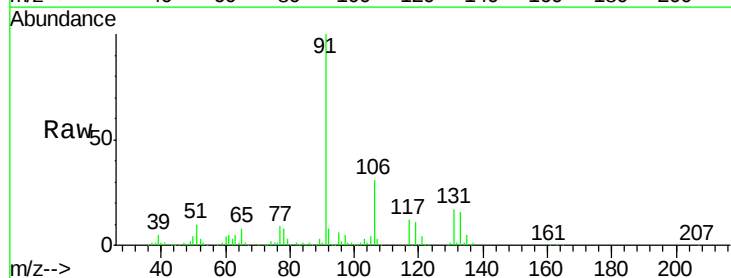
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

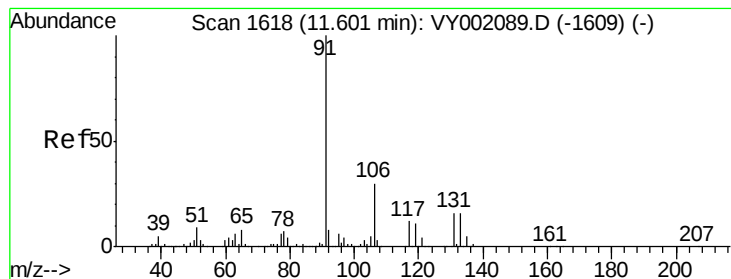
Tgt Ion:112 Resp: 107561
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.14 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion:131 Resp: 36328
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 68.0 34.6 103.9





#67

Ethyl Benzene

Concen: 20.20 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

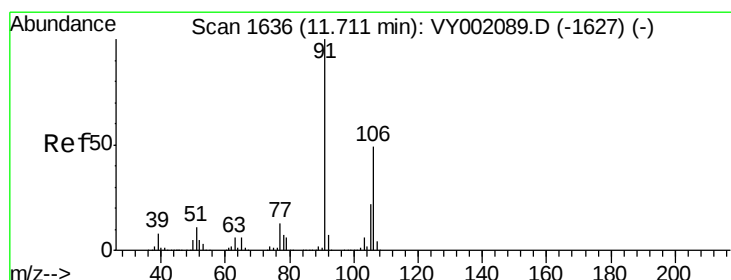
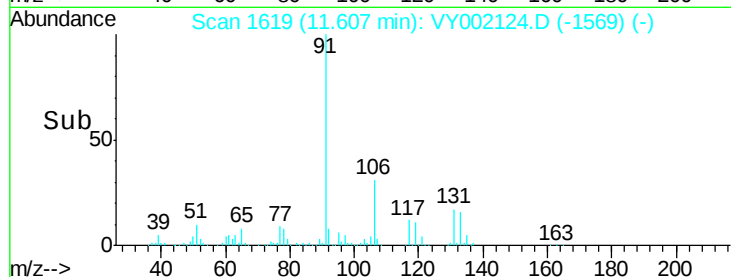
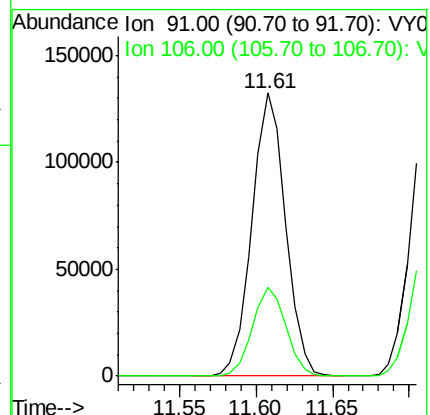
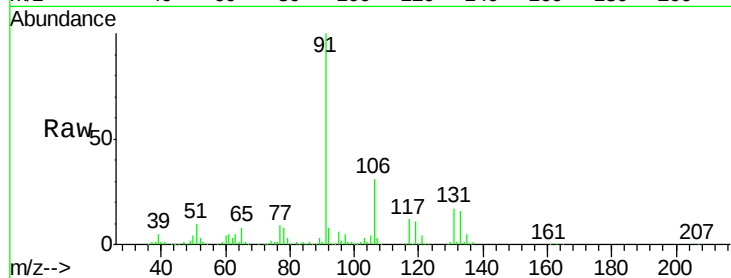
VY0331SBS01

Tgt Ion: 91 Resp: 202232

Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1



#68

m/p-Xylenes

Concen: 40.95 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002124.D

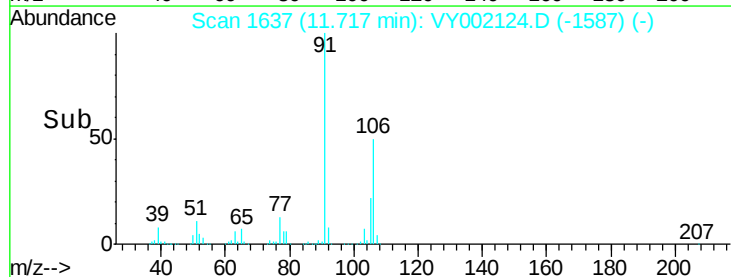
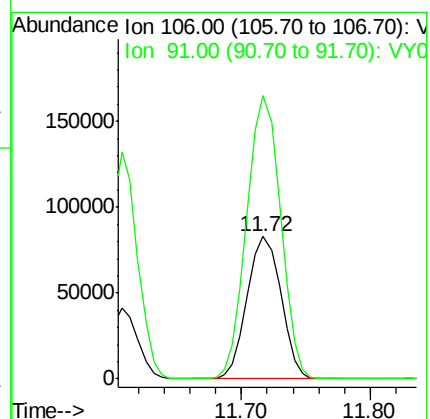
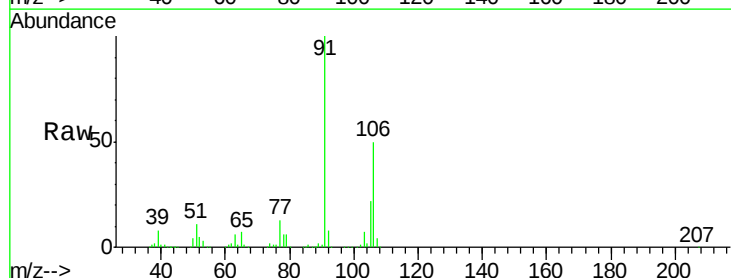
Acq: 31 Mar 2020 11:54

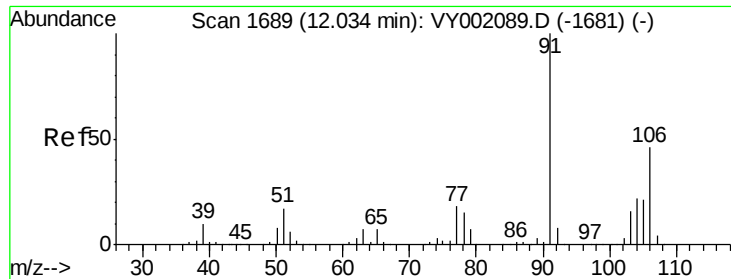
Tgt Ion: 106 Resp: 151598

Ion Ratio Lower Upper

106 100

91 199.0 162.8 244.2

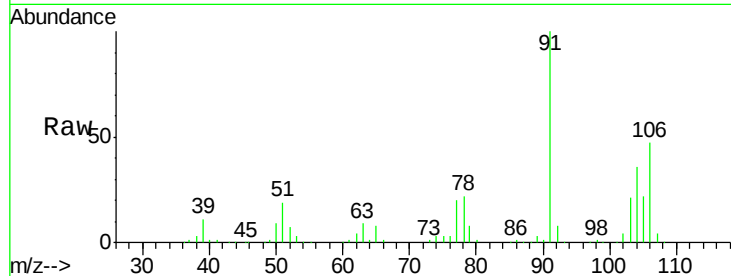




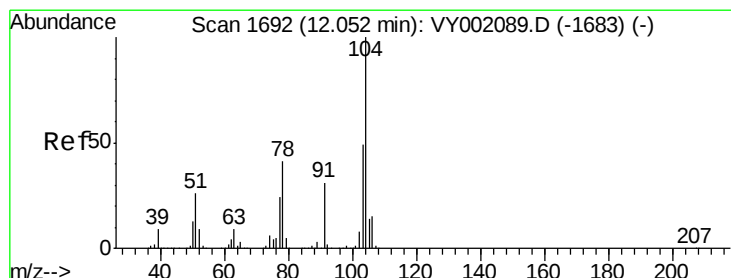
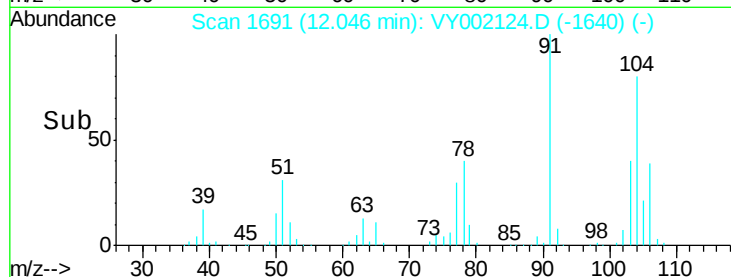
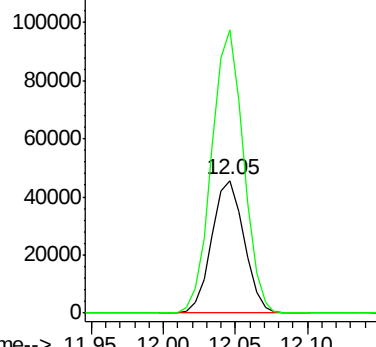
#69
o-Xylene
Concen: 20.29 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tgt Ion:106 Resp: 71243
Ion Ratio Lower Upper
106 100
91 209.3 107.3 321.8

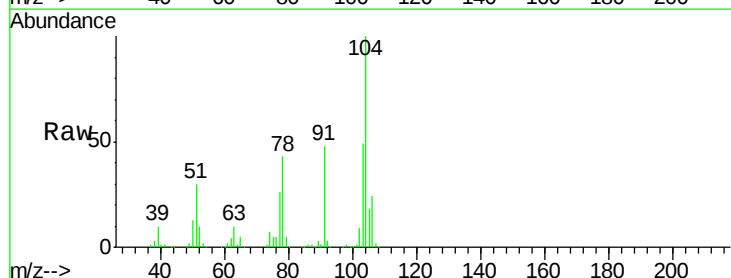


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

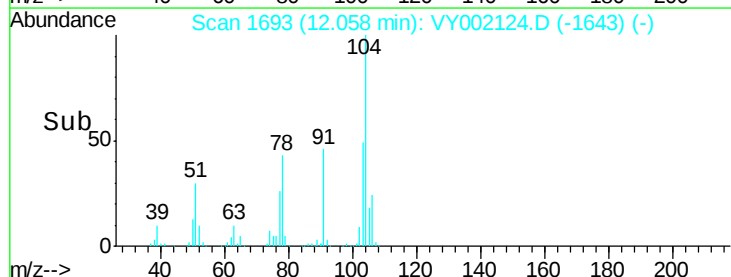
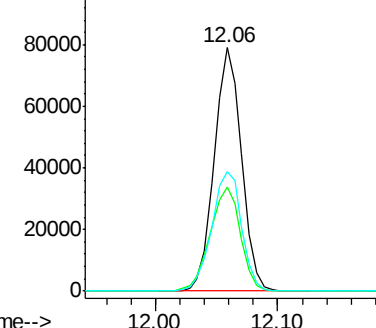


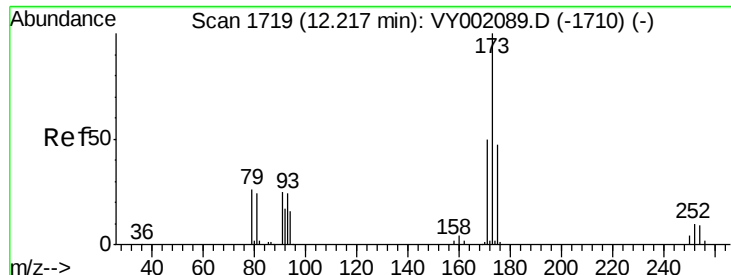
#70
Styrene
Concen: 20.04 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion:104 Resp: 121949
Ion Ratio Lower Upper
104 100
78 47.6 37.9 56.9
103 54.1 43.2 64.8



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

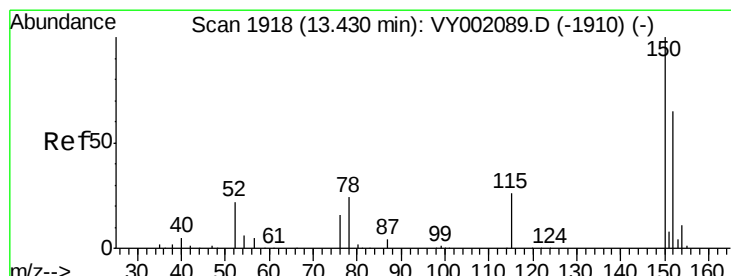
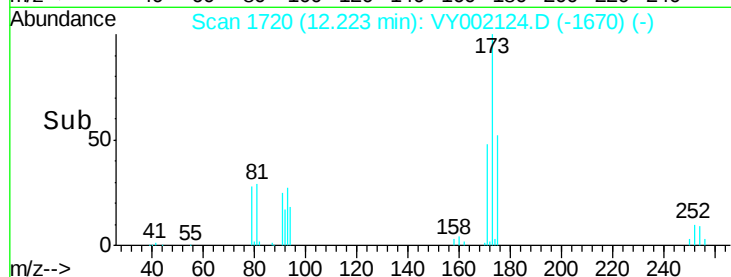
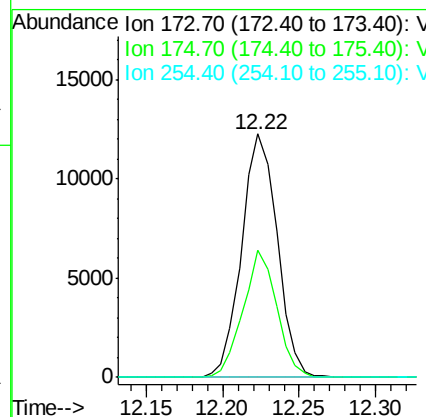
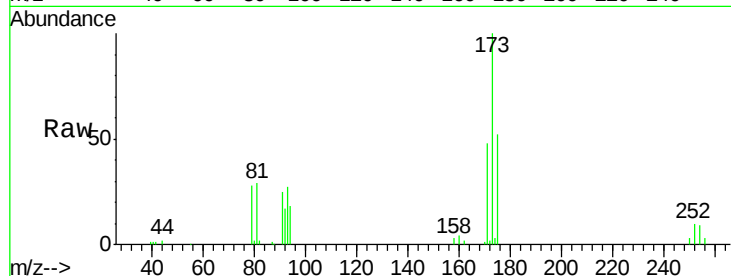




#71
Bromoform
Concen: 20.13 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

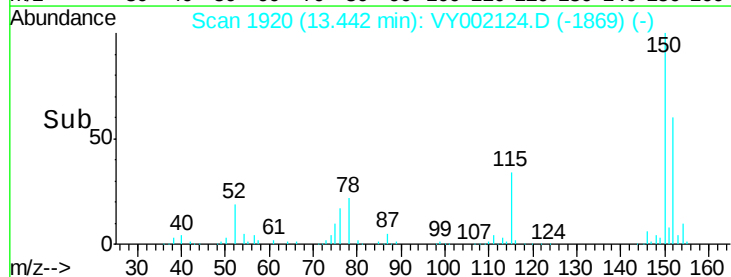
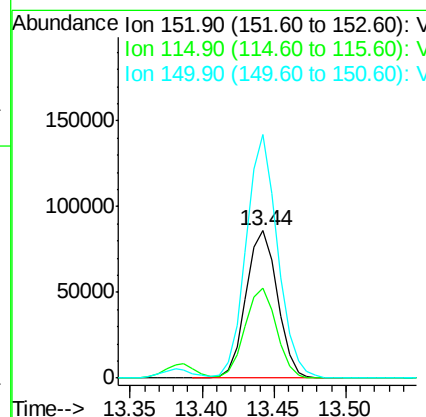
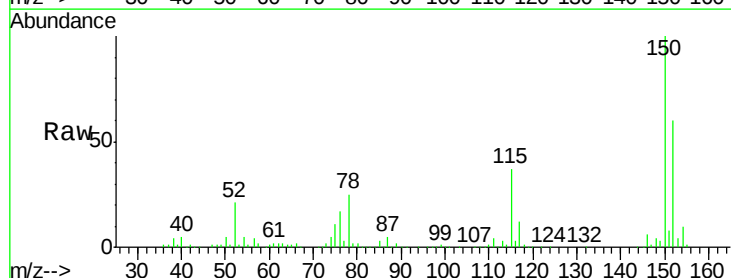
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

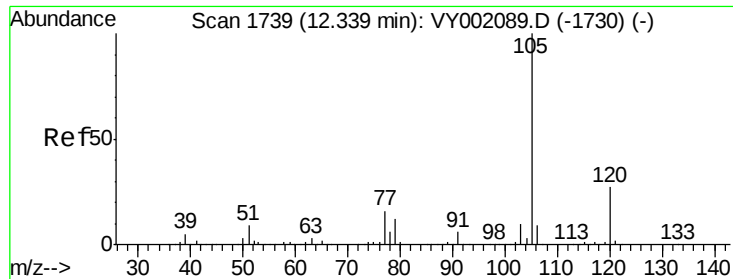
Tgt Ion:173 Resp: 19889
Ion Ratio Lower Upper
173 100
175 49.1 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion:152 Resp: 130548
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 164.5 0.0 354.8





#73

Isopropylbenzene

Concen: 19.48 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

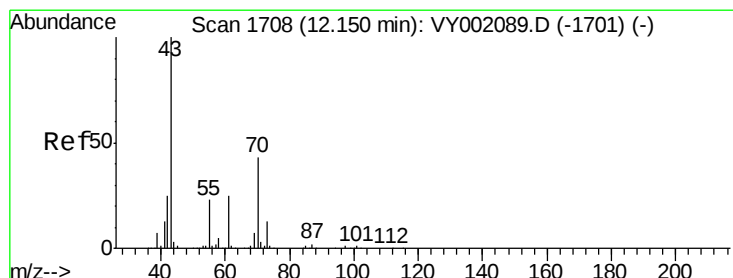
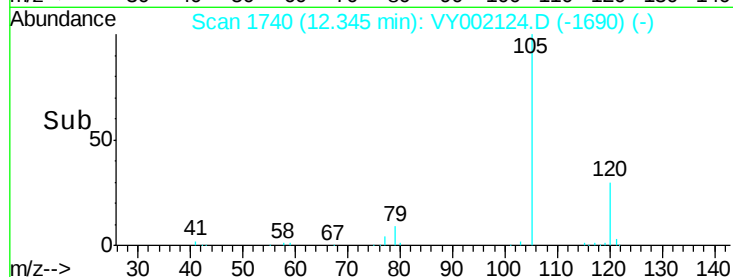
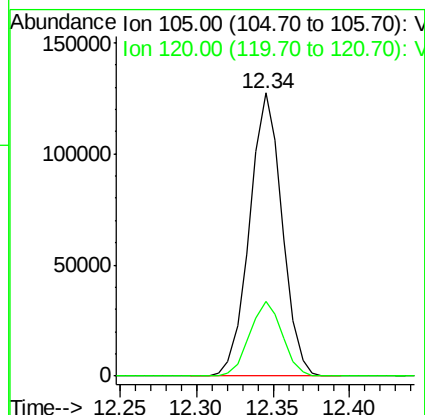
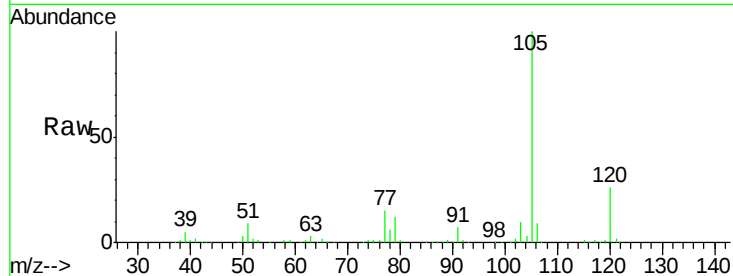
VY0331SBS01

Tgt Ion:105 Resp: 188626

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 19.74 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion: 43 Resp: 60284

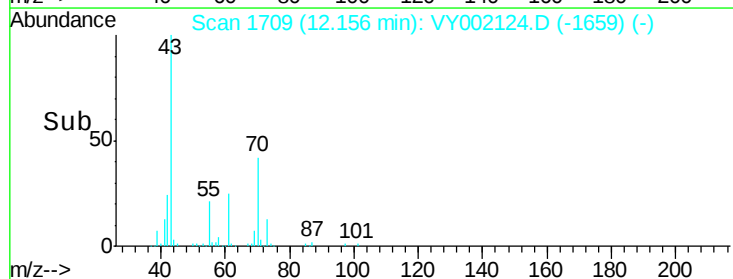
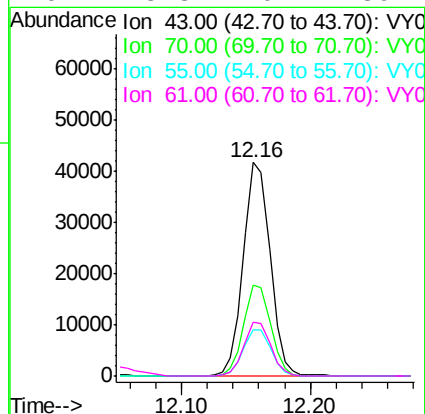
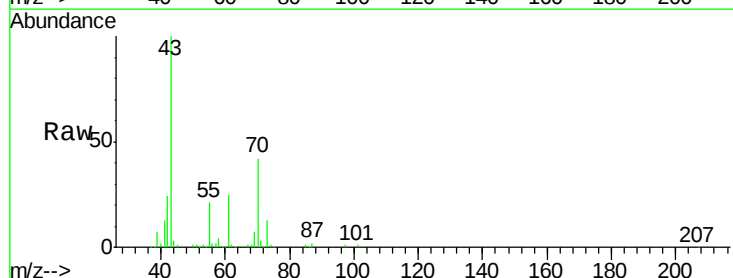
Ion Ratio Lower Upper

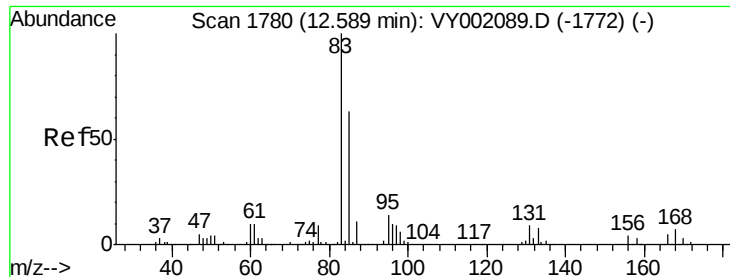
43 100

70 42.9 35.0 52.4

55 22.7 18.7 28.1

61 25.3 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.96 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

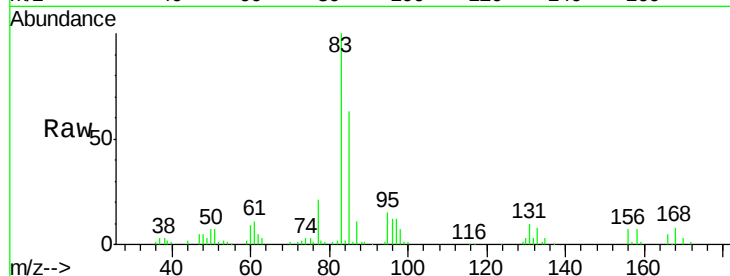
Tgt Ion: 83 Resp: 41585

Ion Ratio Lower Upper

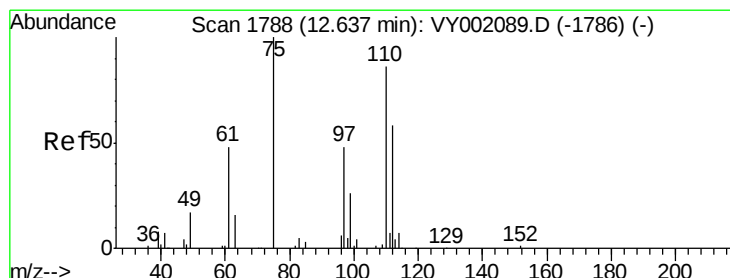
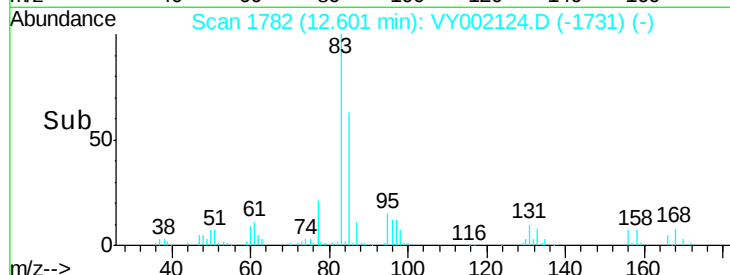
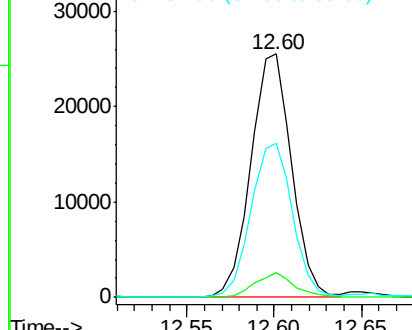
83 100

131 9.7 4.7 14.1

85 64.4 32.4 97.0



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



#76

1,2,3-Trichloropropane

Concen: 37.21 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002124.D

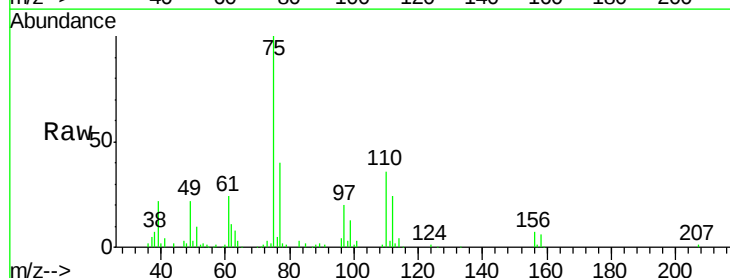
Acq: 31 Mar 2020 11:54

Tgt Ion: 75 Resp: 54332

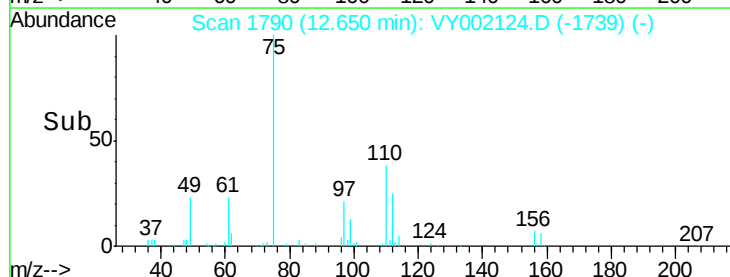
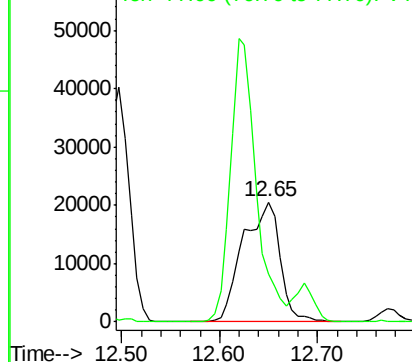
Ion Ratio Lower Upper

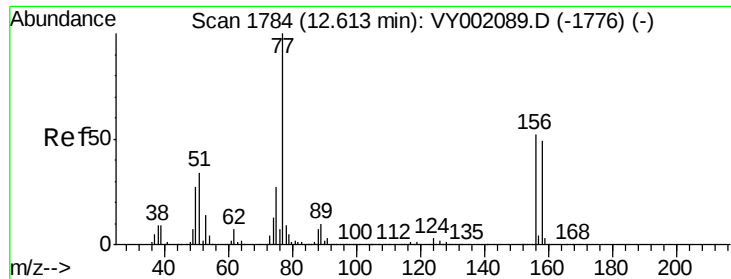
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.74 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

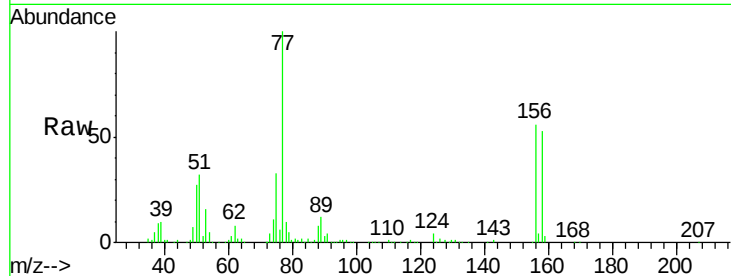
Tgt Ion: 156 Resp: 40811

Ion Ratio Lower Upper

156 100

77 216.6 107.8 323.6

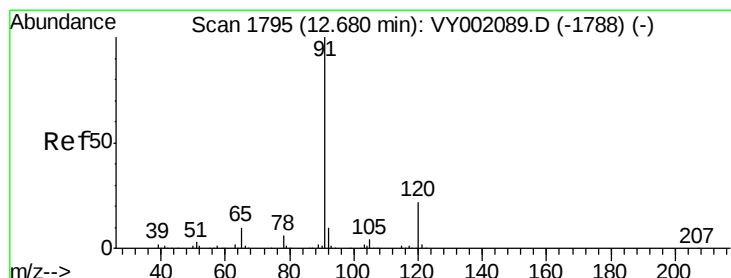
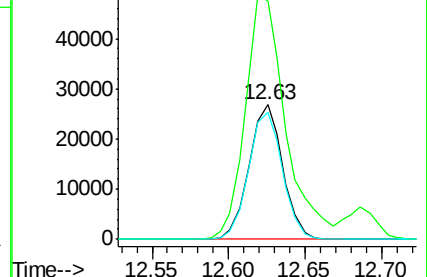
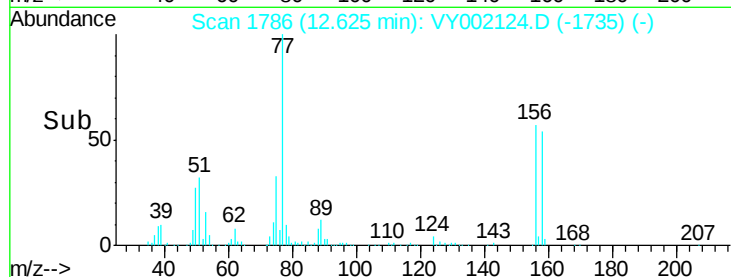
158 96.0 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.35 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002124.D

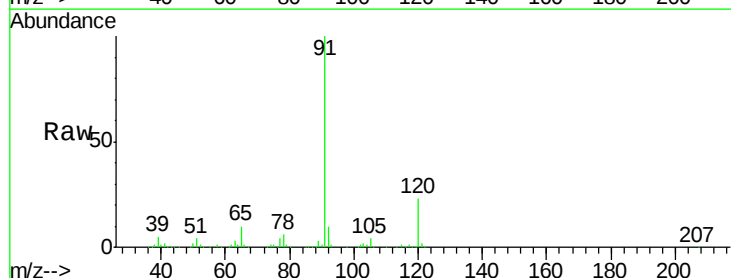
Acq: 31 Mar 2020 11:54

Tgt Ion: 91 Resp: 232599

Ion Ratio Lower Upper

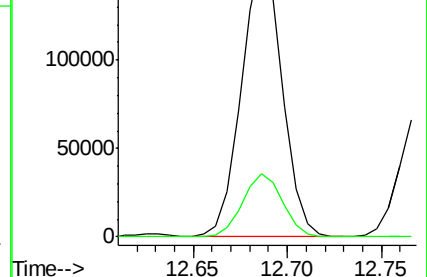
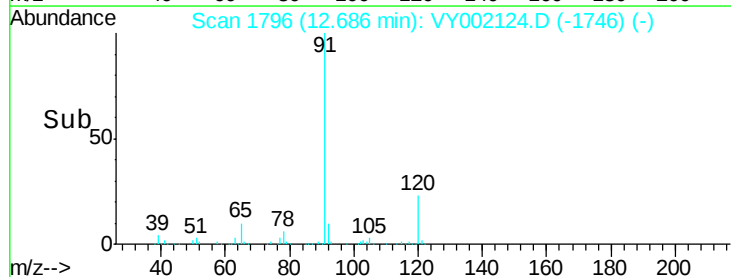
91 100

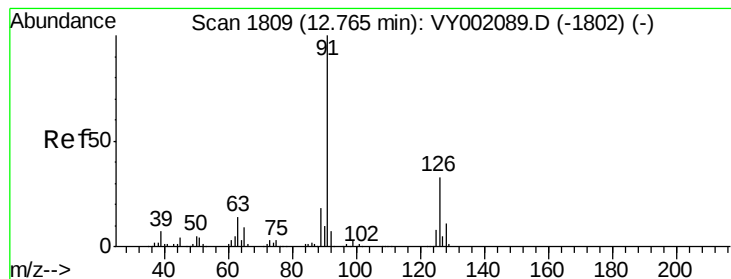
120 22.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.43 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampled :

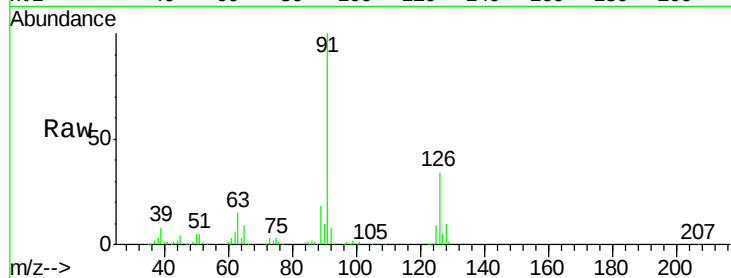
VY0331SBS01

Tgt Ion: 91 Resp: 128198

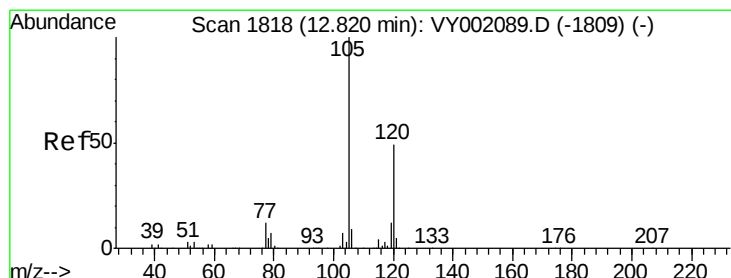
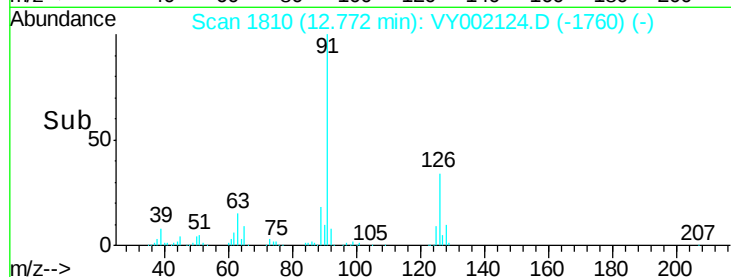
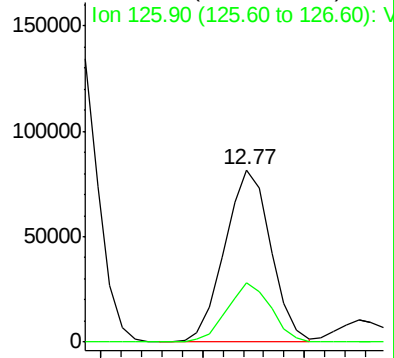
Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VY002124.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.63 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002124.D

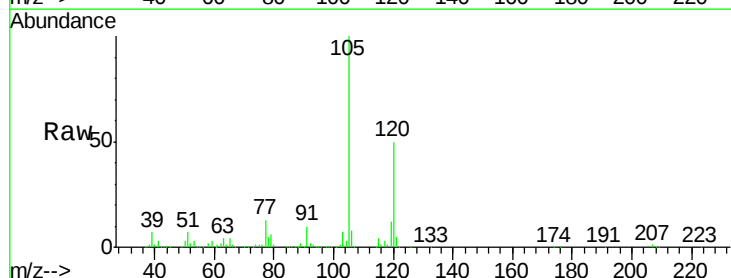
Acq: 31 Mar 2020 11:54

Tgt Ion: 105 Resp: 156835

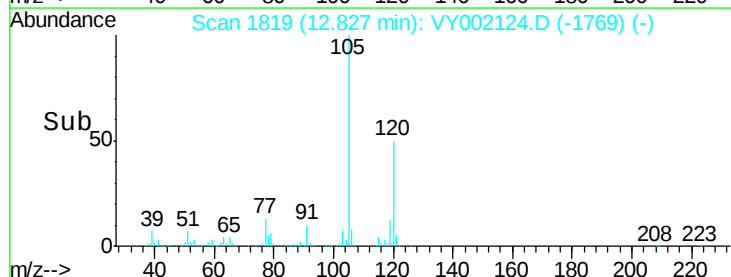
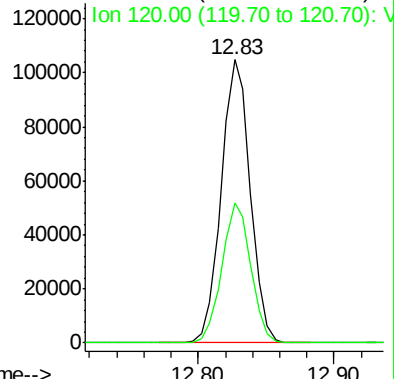
Ion Ratio Lower Upper

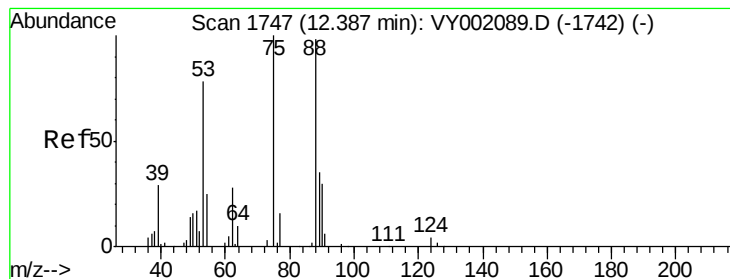
105 100

120 49.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002124.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.79 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

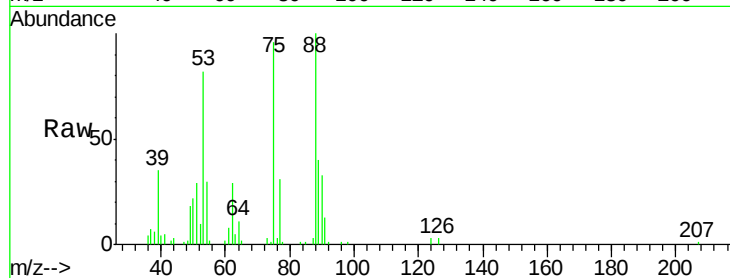
Tgt Ion: 75 Resp: 14914

Ion Ratio Lower Upper

75 100

53 84.9 65.0 97.4

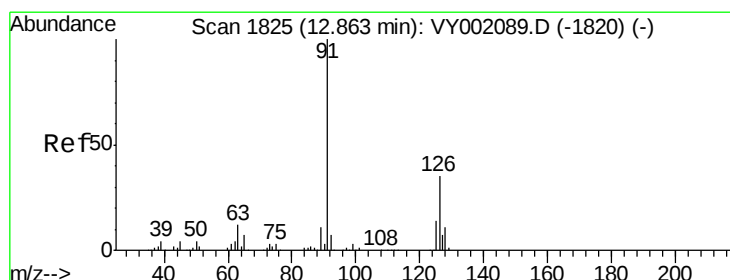
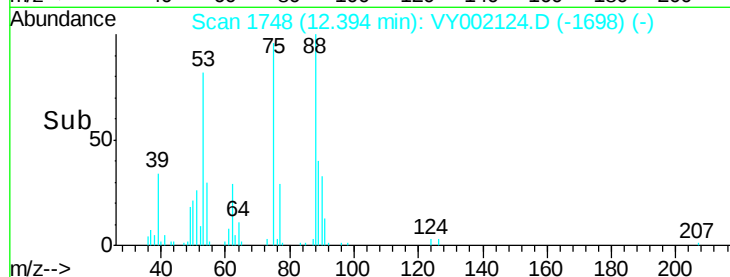
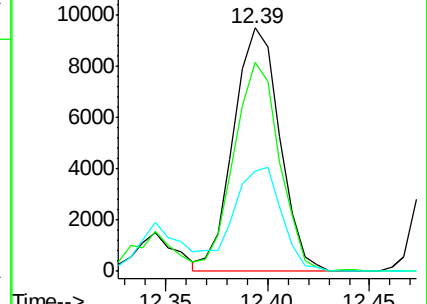
89 46.1 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 19.35 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002124.D

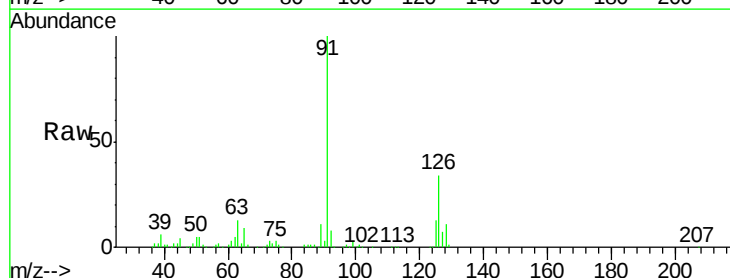
Acq: 31 Mar 2020 11:54

Tgt Ion: 91 Resp: 134561

Ion Ratio Lower Upper

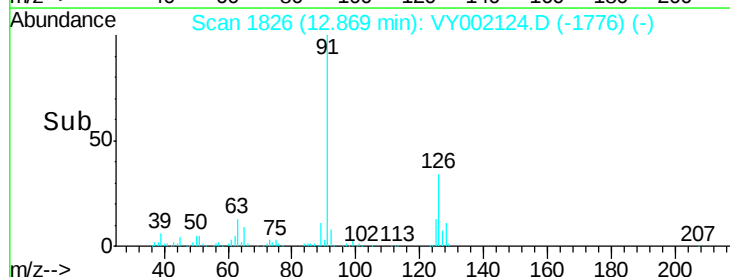
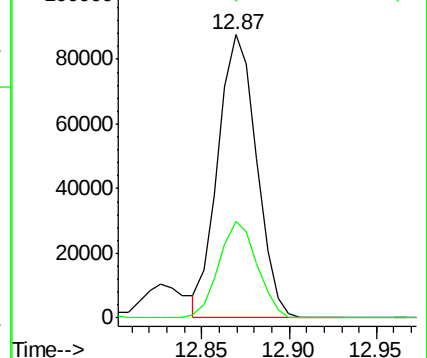
91 100

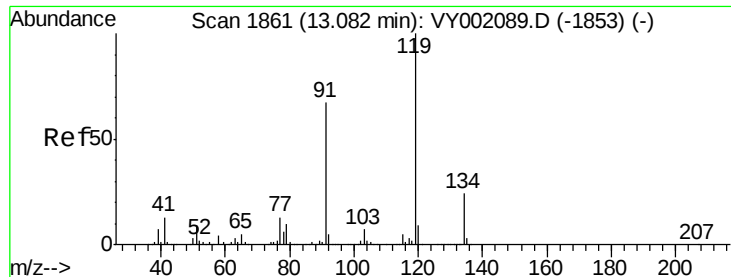
126 33.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

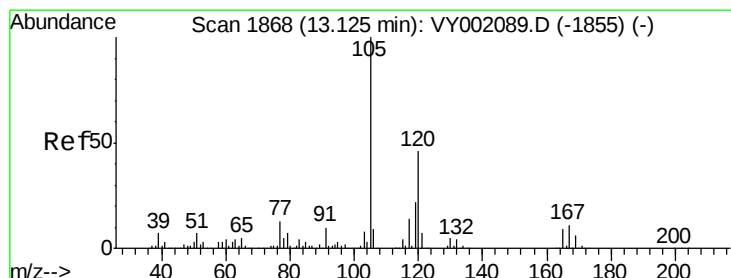
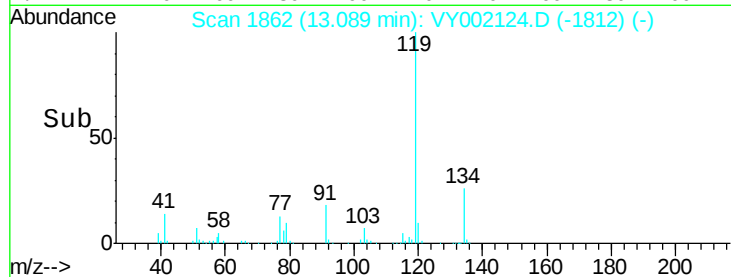
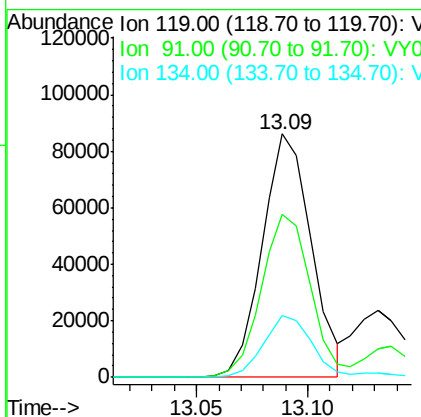
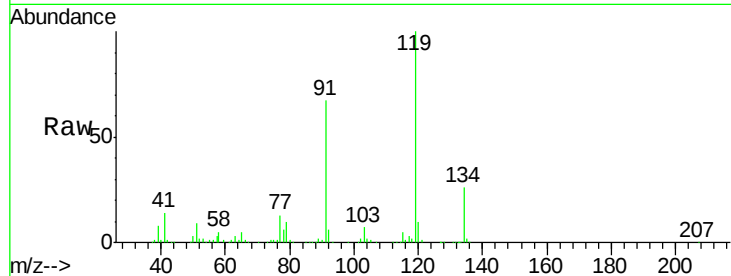




#83
 tert-Butylbenzene
 Concen: 19.68 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

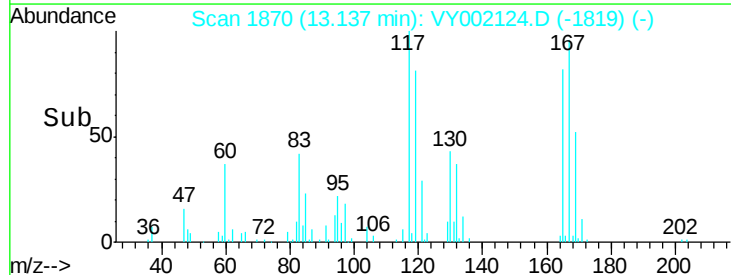
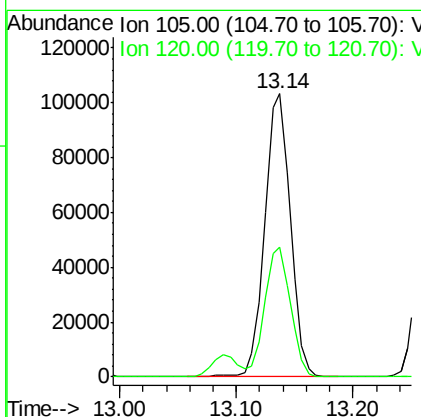
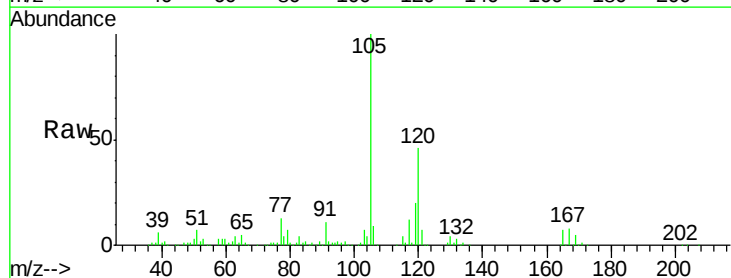
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

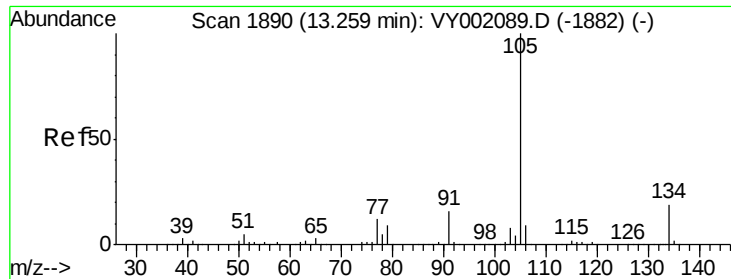
Tgt Ion:119 Resp: 131277
 Ion Ratio Lower Upper
 119 100
 91 67.6 32.9 98.6
 134 26.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.55 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion:105 Resp: 155835
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5

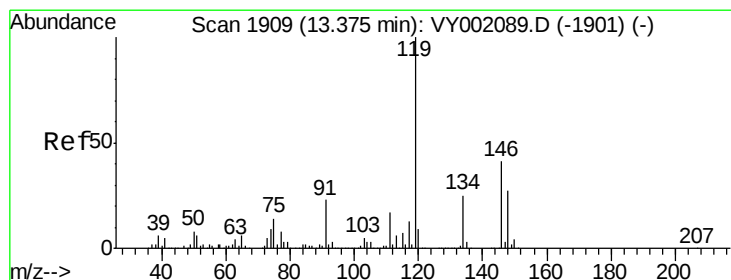
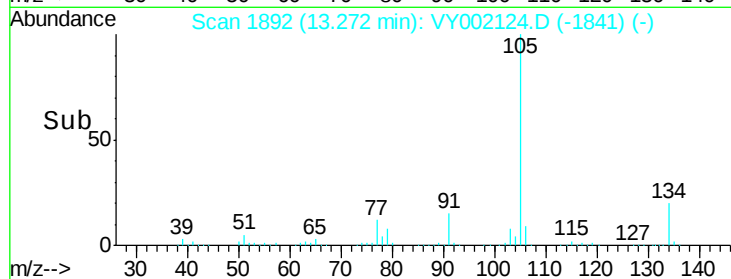
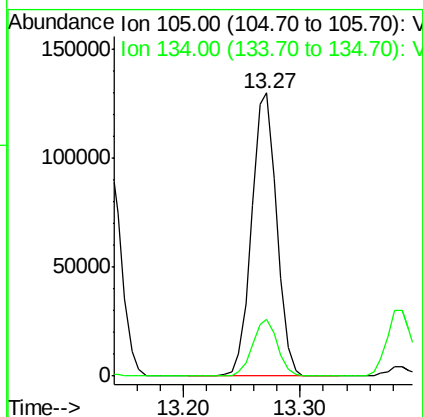
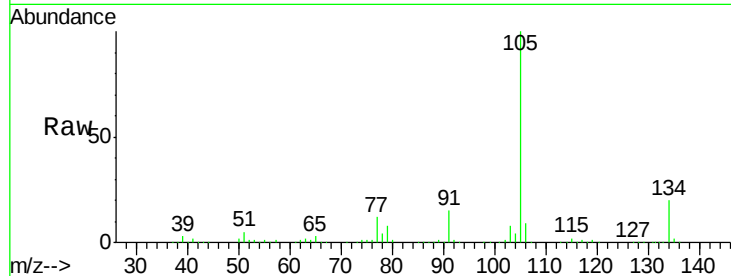




#85
 sec-Butylbenzene
 Concen: 19.65 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

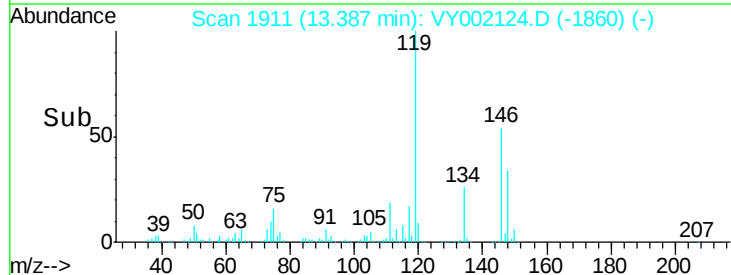
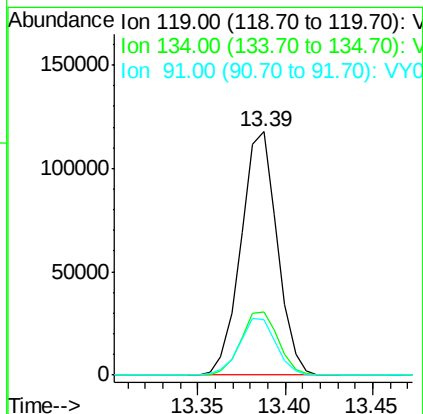
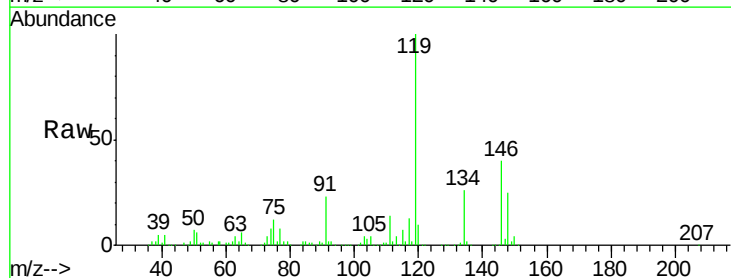
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

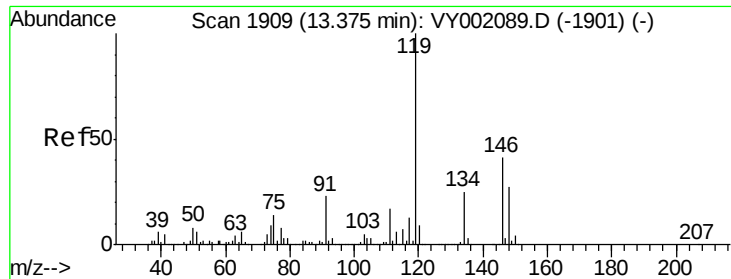
Tgt Ion:105 Resp: 194143
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.94 ug/l
 RT: 13.39 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion:119 Resp: 169141
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 23.6 11.8 35.3

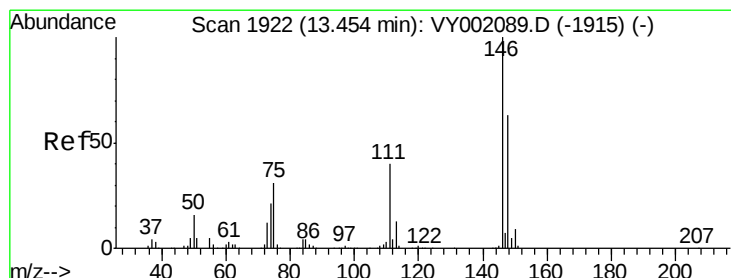
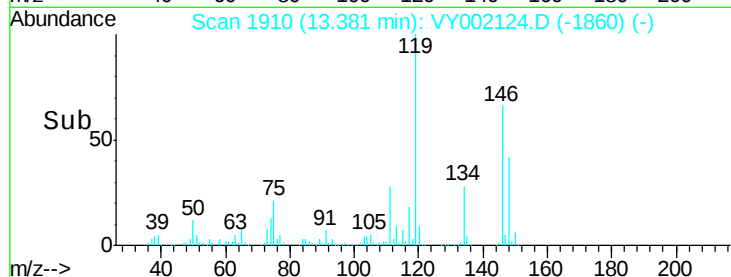
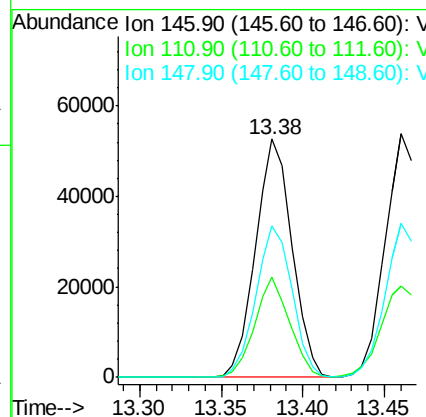
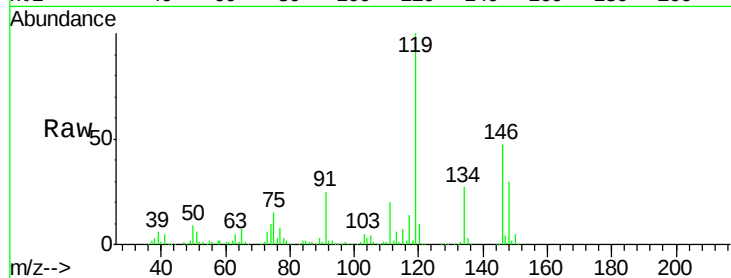




#87
 1,3-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

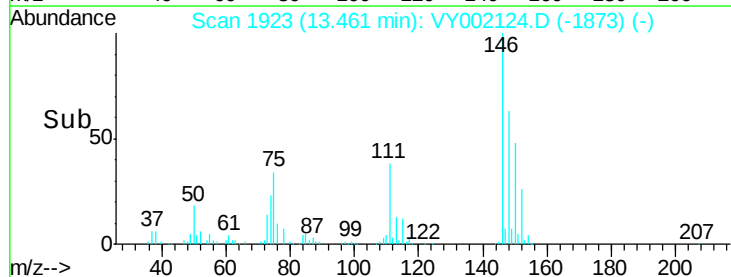
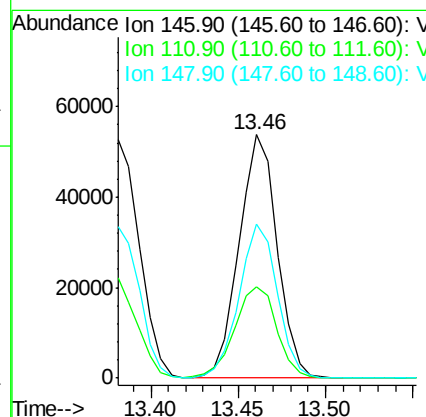
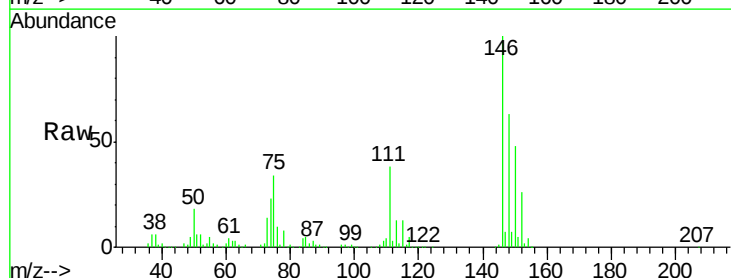
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

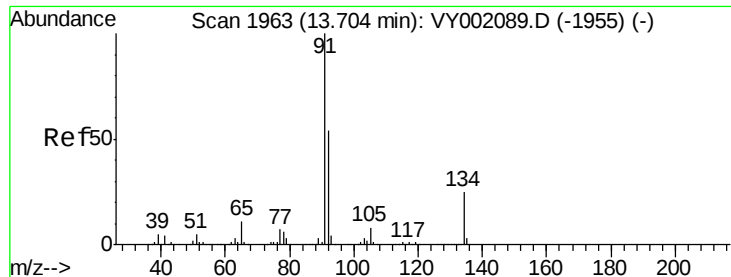
Tgt Ion:146 Resp: 81828
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.9 62.8
 148 63.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.97 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion:146 Resp: 81273
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 60.9
 148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 19.66 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

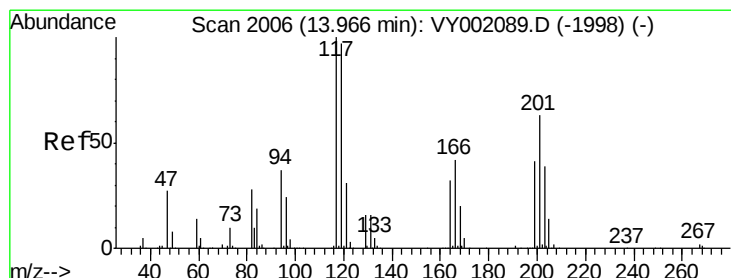
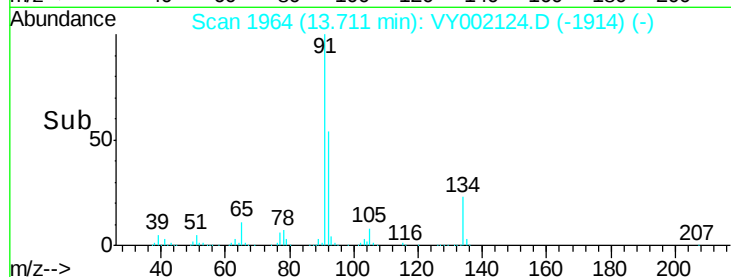
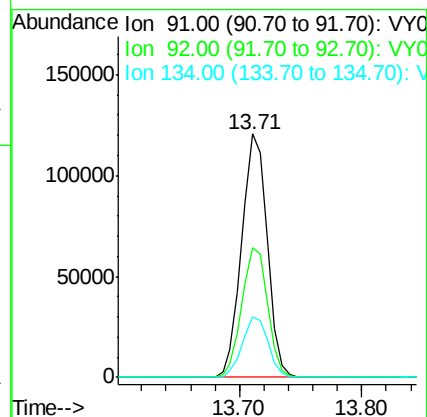
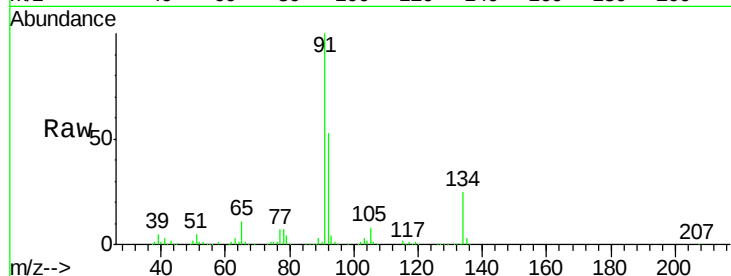
Tgt Ion: 91 Resp: 173772

Ion Ratio Lower Upper

91 100

92 54.0 27.0 81.0

134 25.0 12.3 36.8



#90

Hexachloroethane

Concen: 19.56 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY002124.D

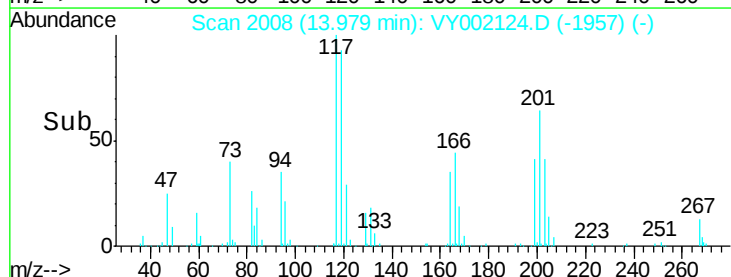
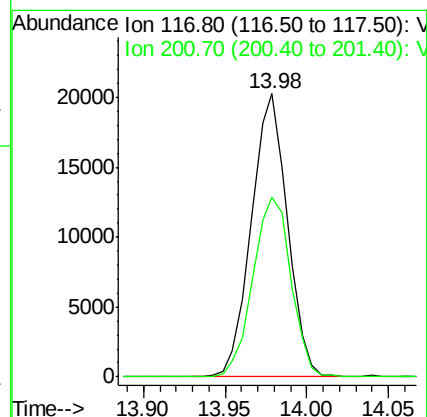
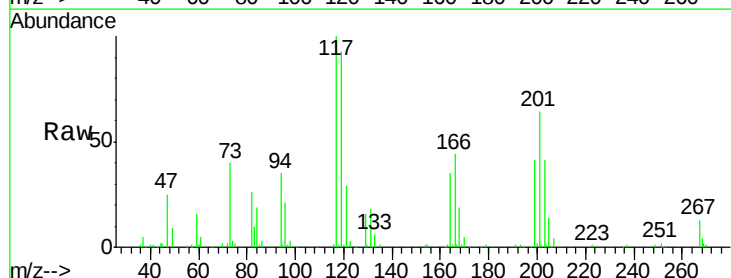
Acq: 31 Mar 2020 11:54

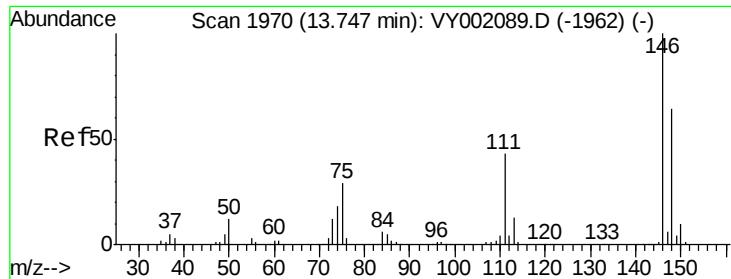
Tgt Ion: 117 Resp: 31263

Ion Ratio Lower Upper

117 100

201 66.9 31.6 94.8

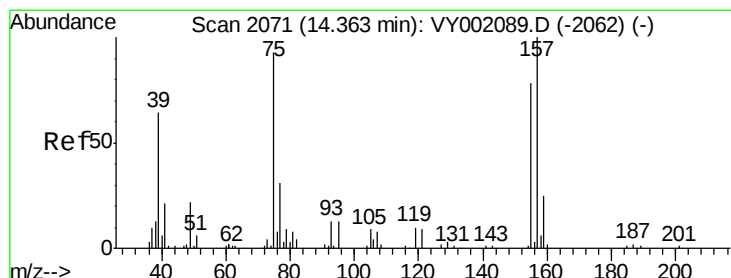
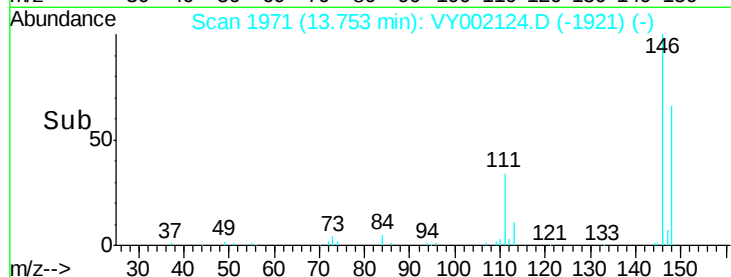
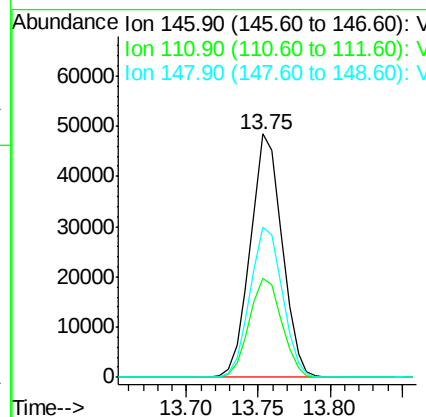
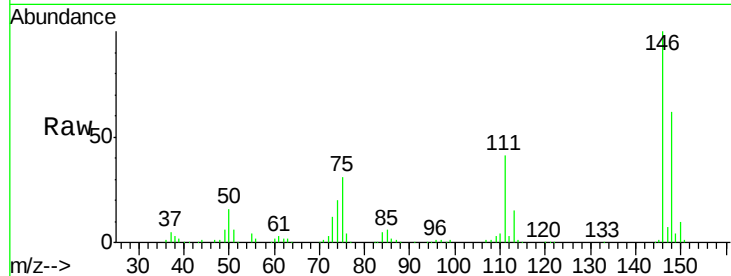




#91
 1,2-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

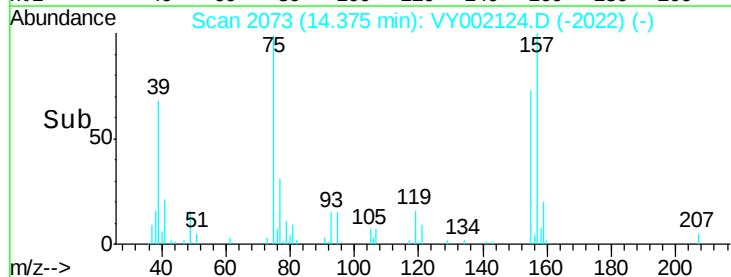
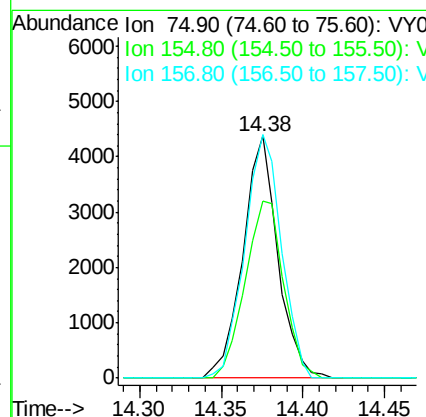
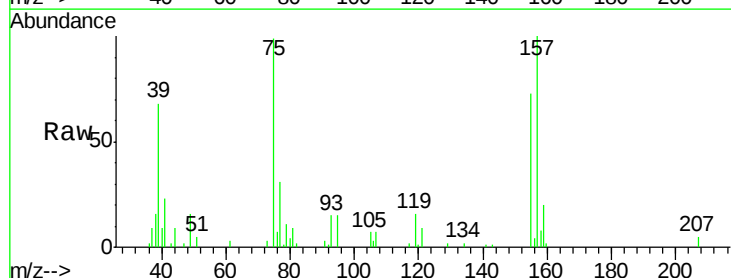
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

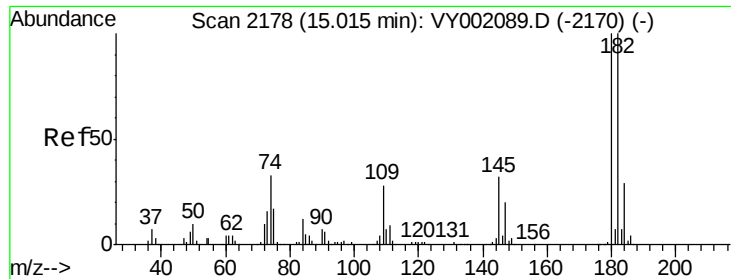
Tgt Ion: 146 Resp: 73603
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.3 63.7
 148 63.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.55 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 75 Resp: 6525
 Ion Ratio Lower Upper
 75 100
 155 80.3 41.6 124.9
 157 105.7 53.4 160.3

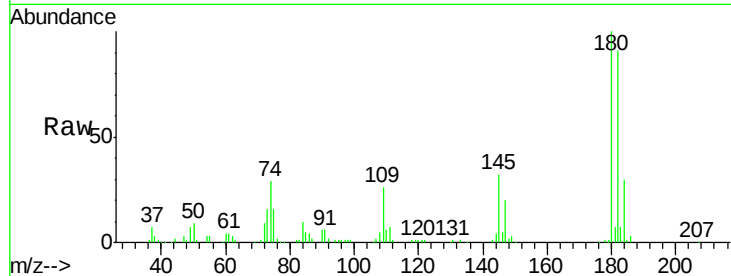




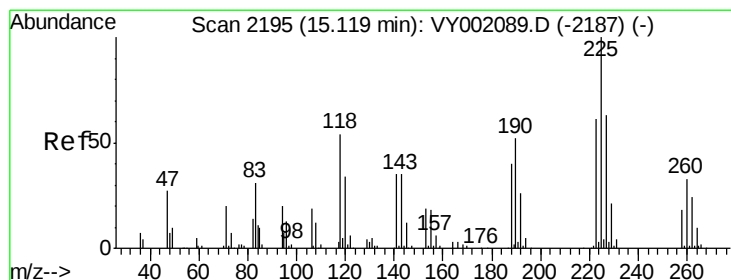
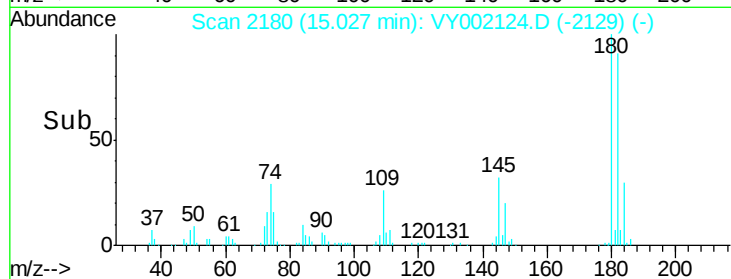
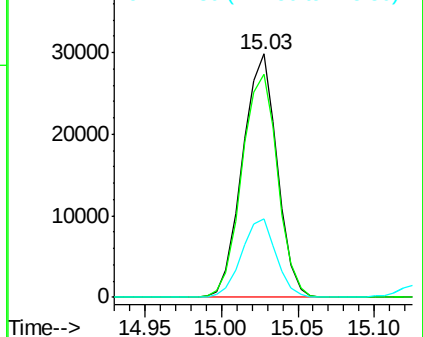
#93
 1,2,4-Trichlorobenzene
 Concen: 19.48 ug/l
 RT: 15.03 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tgt Ion:180 Resp: 46896
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.1 144.3
 145 31.9 15.9 47.6

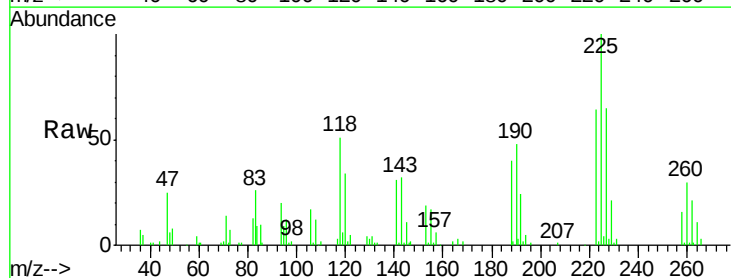


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

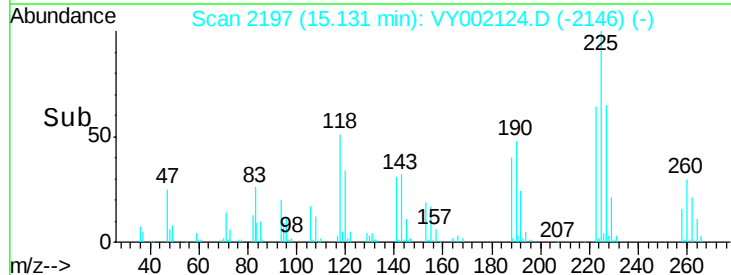
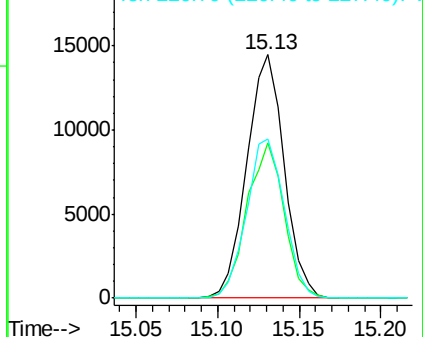


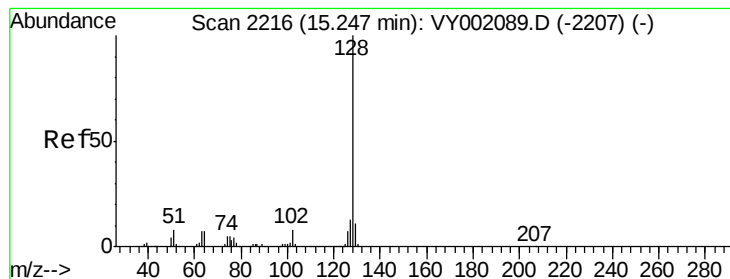
#94
 Hexachlorobutadiene
 Concen: 19.44 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion:225 Resp: 23094
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.3
 227 66.2 31.6 94.7



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





#95

Naphthalene

Concen: 19.08 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

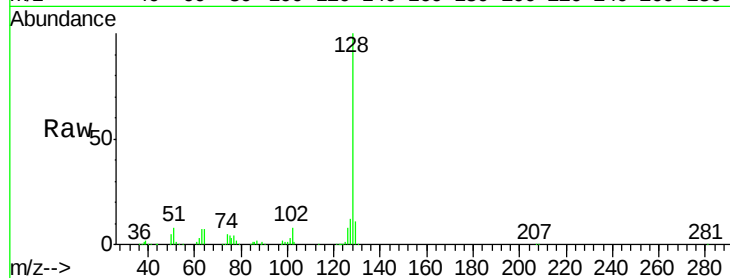
Tgt Ion:128 Resp: 109079

Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.8

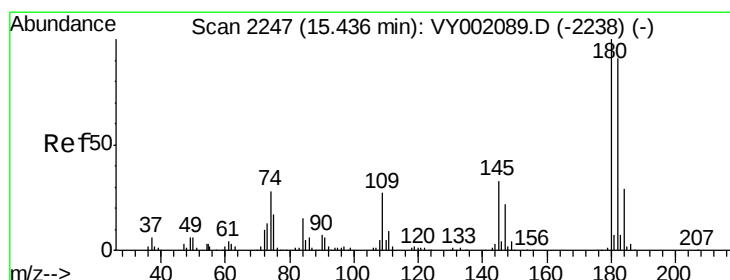
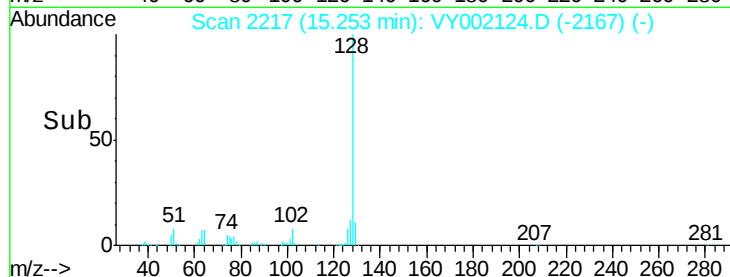
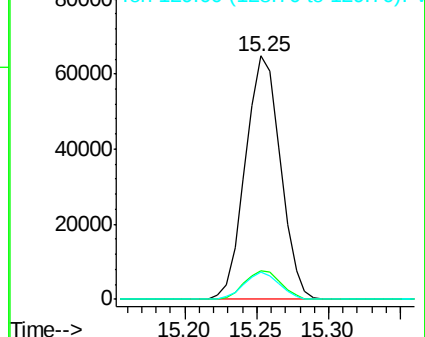
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.46 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

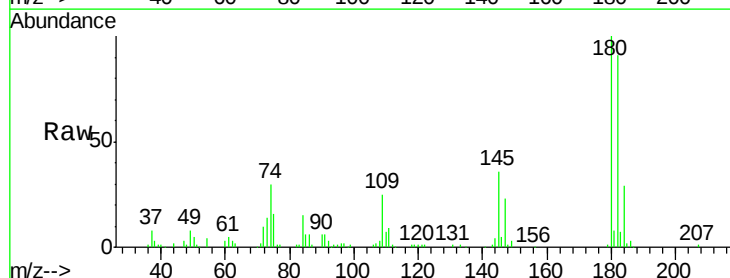
Tgt Ion:180 Resp: 42484

Ion Ratio Lower Upper

180 100

182 94.1 46.8 140.3

145 33.3 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

