

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001136.D
 Acq On : 02 Jan 2020 16:03
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Quant Time: Jan 02 23:02:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	608942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	527110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	154443	50.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.72	113	177525	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.18	98	712084	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.48	95	235453	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	63439	23.337	ug/l	100
3) Chloromethane	2.12	50	60802	32.226	ug/l	97
4) Vinyl Chloride	2.26	62	58577	30.536	ug/l	92
5) Bromomethane	2.64	94	40382	28.982	ug/l	99
6) Chloroethane	2.79	64	38156	29.309	ug/l	100
7) Trichlorofluoromethane	3.13	101	117259	22.711	ug/l	97
8) Diethyl Ether	3.54	74	47037	26.064	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.90	101	82229	25.333	ug/l	97
10) Methyl Iodide	4.10	142	117837	22.657	ug/l	97
11) Tert butyl alcohol	4.97	59	37019	124.601	ug/l	98
12) 1,1-Dichloroethene	3.88	96	84071	25.102	ug/l	90
13) Acrolein	3.74	56	39390	146.202	ug/l	99
14) Allyl chloride	4.48	41	92693	23.924	ug/l	99
15) Acrylonitrile	5.18	53	102918	120.556	ug/l	99
16) Acetone	3.96	43	71097	132.993	ug/l	91
17) Carbon Disulfide	4.19	76	253673	24.288	ug/l	100
18) Methyl Acetate	4.49	43	46043	24.636	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	194858	23.339	ug/l	99
20) Methylene Chloride	4.72	84	100775	24.914	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	91848	23.883	ug/l	97
22) Diisopropyl ether	6.13	45	192915	25.446	ug/l	96
23) Vinyl Acetate	6.07	43	598511	119.424	ug/l	99
24) 1,1-Dichloroethane	6.02	63	132051	25.198	ug/l	98
25) 2-Butanone	6.99	43	108063	111.645	ug/l	97
26) 2,2-Dichloropropane	6.99	77	119554	21.145	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	99083	21.930	ug/l	98
28) Bromochloromethane	7.34	49	39449	20.083	ug/l	98
29) Tetrahydrofuran	7.35	42	71759	110.240	ug/l	96
30) Chloroform	7.52	83	133254	20.831	ug/l	99
31) Cyclohexane	7.79	56	128122	21.085	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	121456	20.339	ug/l	99
36) 1,1-Dichloropropene	7.93	75	109134	20.543	ug/l	99
37) Ethyl Acetate	7.08	43	47616	21.547	ug/l	98
38) Carbon Tetrachloride	7.91	117	111938	20.278	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	151394	20.569	ug/l	93
40) Benzene	8.16	78	338068	20.669	ug/l	99
41) Methacrylonitrile	7.35	41	60723	56.008	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	79409	20.399	ug/l	98
43) Isopropyl Acetate	8.28	43	89308	20.569	ug/l	100
44) Trichloroethene	8.94	130	100821	20.602	ug/l	92
45) 1,2-Dichloropropane	9.22	63	74838	20.601	ug/l	100
46) Dibromomethane	9.31	93	44515	20.804	ug/l	97
47) Bromodichloromethane	9.50	83	99794	20.729	ug/l	96
48) Methyl methacrylate	9.29	41	36640	19.809	ug/l	97
49) 1,4-Dioxane	9.30	88	12622	392.186	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	232290	113.444	ug/l	98
52) Toluene	10.24	92	215449	21.628	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	109113	21.697	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	129074	21.849	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	66273	21.426	ug/l	94
56) Ethyl methacrylate	10.51	69	86786	21.892	ug/l	98
57) 1,3-Dichloropropane	10.79	76	108569	22.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	154688	108.876	ug/l	98
59) 2-Hexanone	10.83	43	156129	112.859	ug/l	100
60) Dibromochloromethane	10.99	129	76801	21.684	ug/l	99
61) 1,2-Dibromoethane	11.09	107	65147	21.661	ug/l	99
64) Tetrachloroethene	10.72	164	104588	21.146	ug/l	97
65) Chlorobenzene	11.52	112	232882	20.773	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	79164	20.038	ug/l	100
67) Ethyl Benzene	11.59	91	405201	20.744	ug/l	99
68) m/p-Xylenes	11.70	106	313195	40.552	ug/l	100
69) o-Xylene	12.03	106	149812	20.431	ug/l	99
70) Styrene	12.04	104	251846	20.292	ug/l	99
71) Bromoform	12.20	173	43924	18.883	ug/l #	97
73) Isopropylbenzene	12.33	105	388308	21.145	ug/l	100
74) N-amyl acetate	12.14	43	75602	21.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68273	21.035	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	95125	36.927	ug/l #	100
77) Bromobenzene	12.61	156	91674	20.648	ug/l	97
78) n-propylbenzene	12.67	91	464124	21.375	ug/l	99
79) 2-Chlorotoluene	12.75	91	252486	21.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	320357	20.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26160	21.052	ug/l	96
82) 4-Chlorotoluene	12.85	91	259879	21.040	ug/l	99
83) tert-Butylbenzene	13.07	119	275432	20.807	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	321524	20.671	ug/l	97
85) sec-Butylbenzene	13.25	105	393266	21.212	ug/l	99
86) p-Isopropyltoluene	13.37	119	352183	21.094	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	174012	20.940	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	172632	20.634	ug/l	98
89) n-Butylbenzene	13.69	91	333595	21.287	ug/l	98
90) Hexachloroethane	13.96	117	63924	20.670	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	158947	20.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11921	20.821	ug/l	96

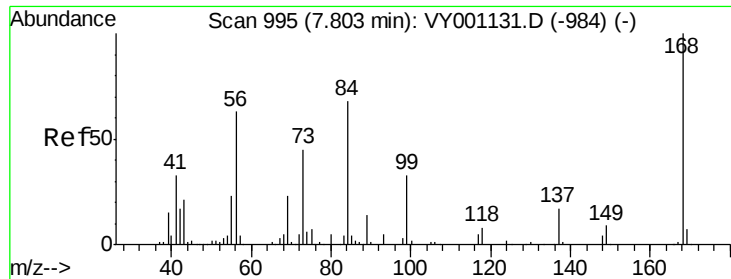
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
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Quant Title : SW846 8260
QLast Update : Thu Jan 02 13:16:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	111671	21.273	ug/l	97
94) Hexachlorobutadiene	15.11	225	54590	20.533	ug/l	97
95) Naphthalene	15.23	128	252491	21.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	101969	21.707	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

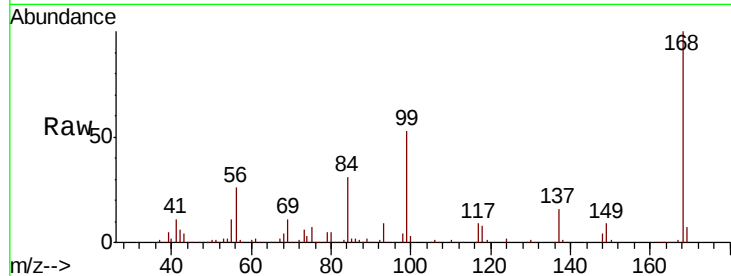
VY0102SBS01

Tot Ion:168 Resp: 369133

Ion Ratio Lower Upper

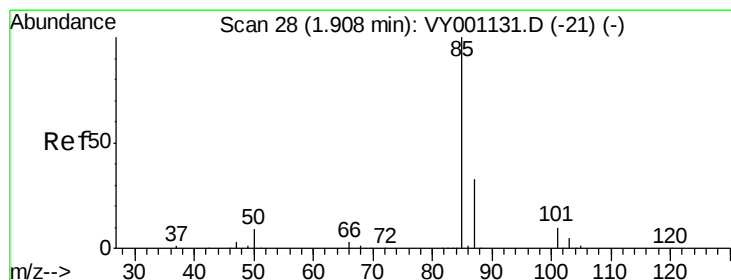
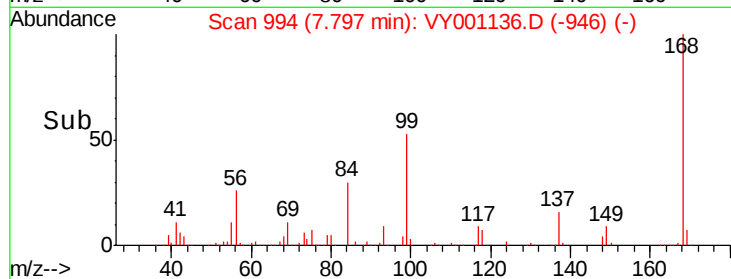
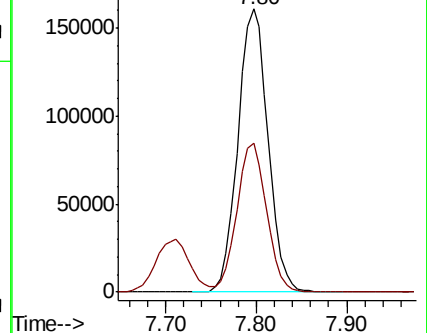
168 100

99 52.8 42.5 63.7



Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001136.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 23.337 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001136.D

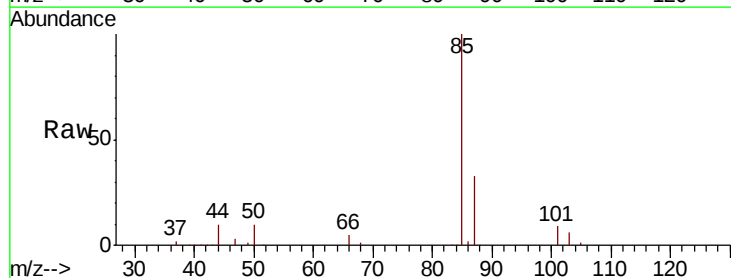
Acq: 02 Jan 2020 16:03

Tgt Ion: 85 Resp: 63439

Ion Ratio Lower Upper

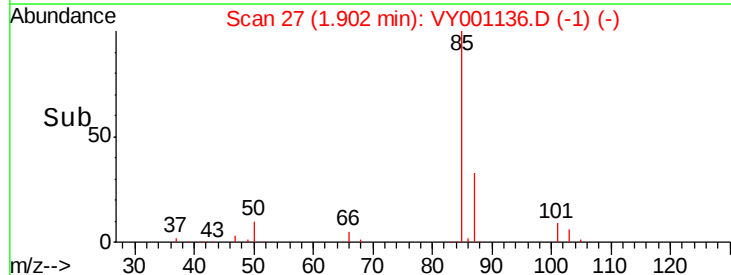
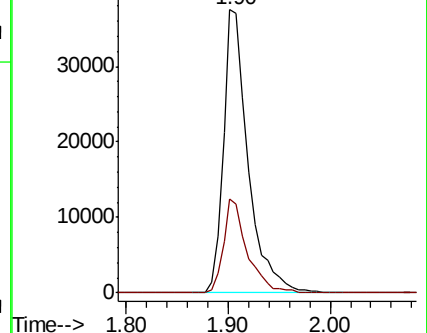
85 100

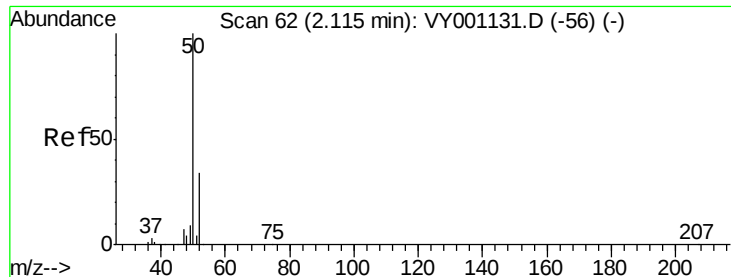
87 33.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001131.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY001136.D (-1) (-)





#3

Chloromethane

Concen: 32.226 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

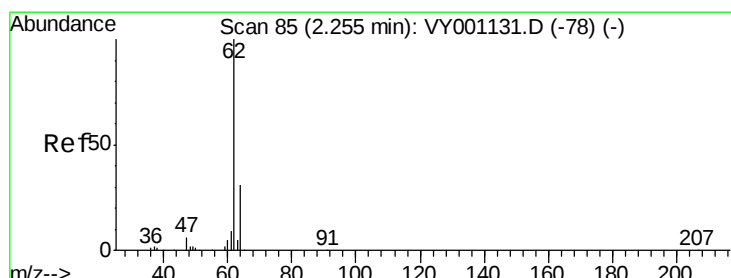
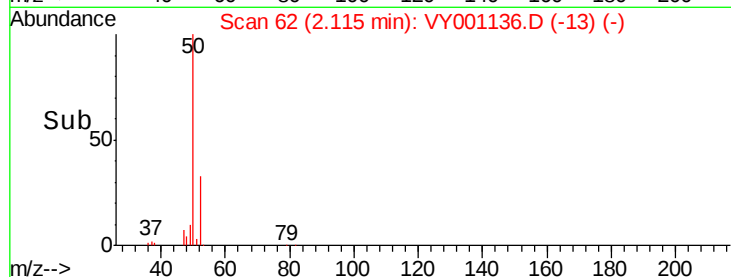
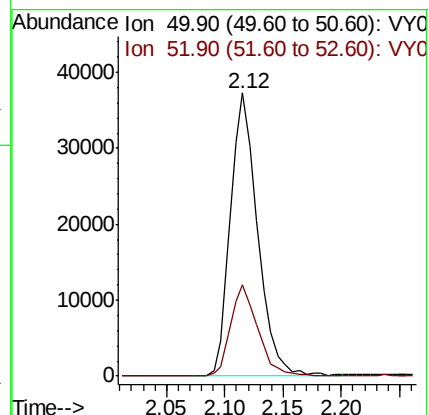
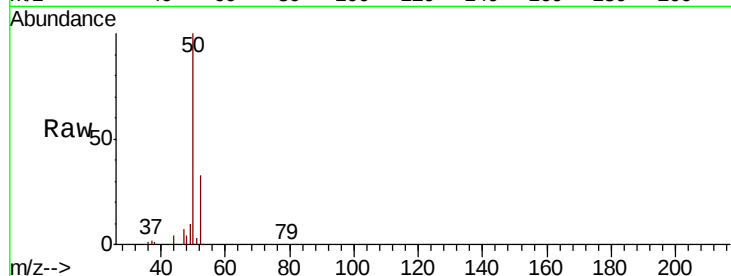
VY0102SBS01

Tot Ion: 50 Resp: 60802

Ion Ratio Lower Upper

50 100

52 32.5 27.3 40.9



#4

Vinyl Chloride

Concen: 30.536 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY001136.D

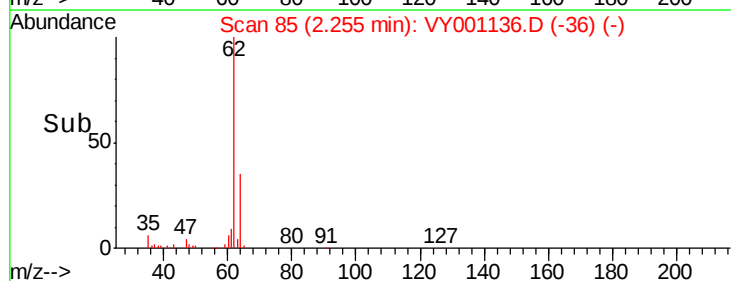
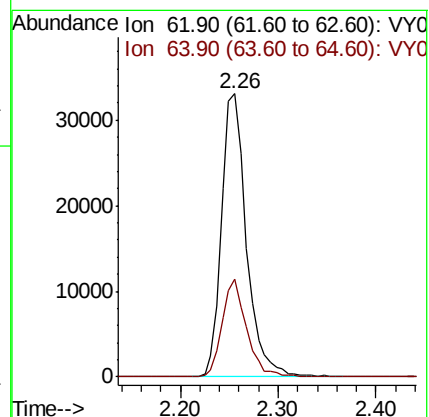
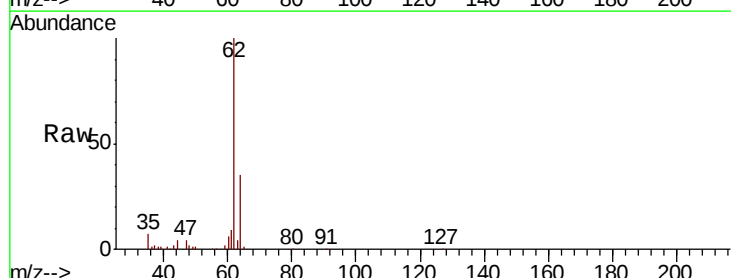
Acq: 02 Jan 2020 16:03

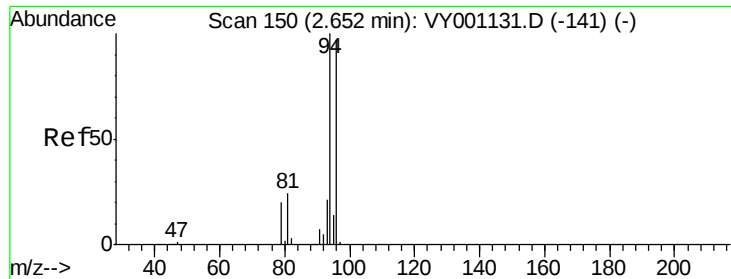
Tgt Ion: 62 Resp: 58577

Ion Ratio Lower Upper

62 100

64 34.7 24.4 36.6





#5

Bromomethane

Concen: 28.982 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

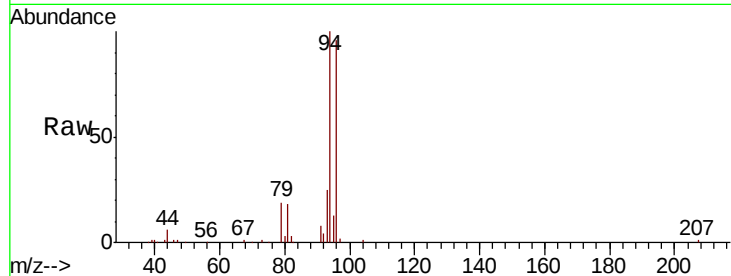
VY0102SBS01

Tot Ion: 94 Resp: 40382

Ion Ratio Lower Upper

94 100

96 96.1 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

20000

15000

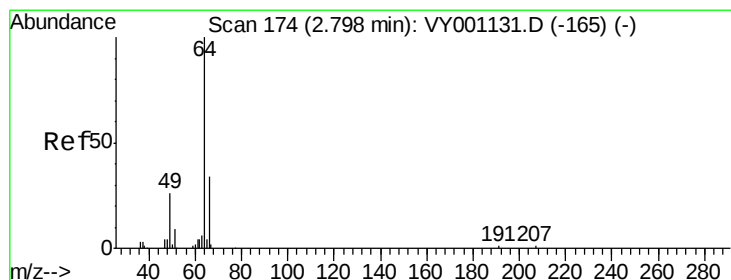
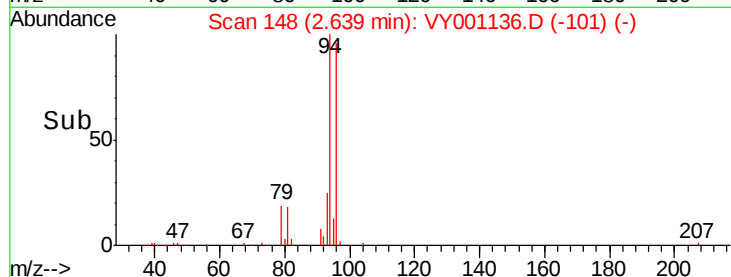
10000

5000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 29.309 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001136.D

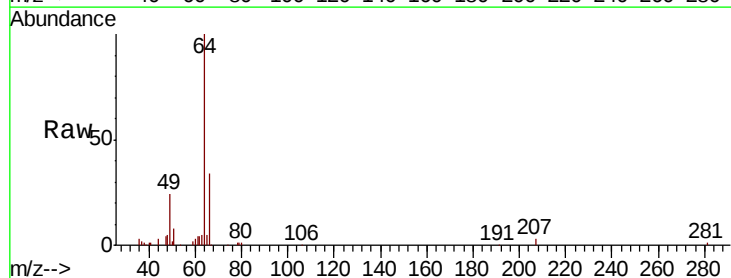
Acq: 02 Jan 2020 16:03

Tgt Ion: 64 Resp: 38156

Ion Ratio Lower Upper

64 100

66 34.0 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

15000

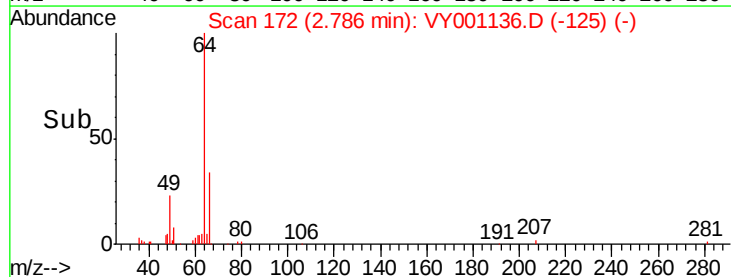
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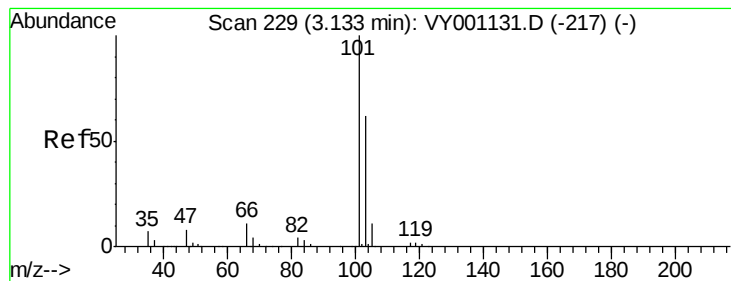
5000

0

2.70 2.80 2.90

Time-->



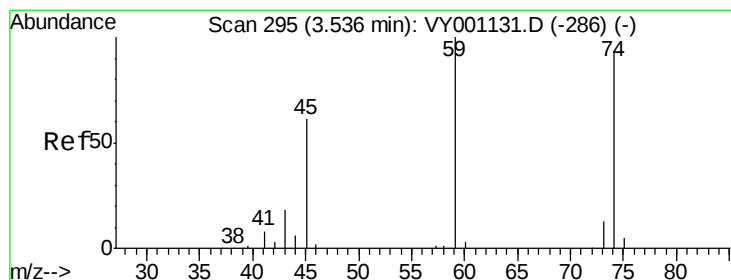
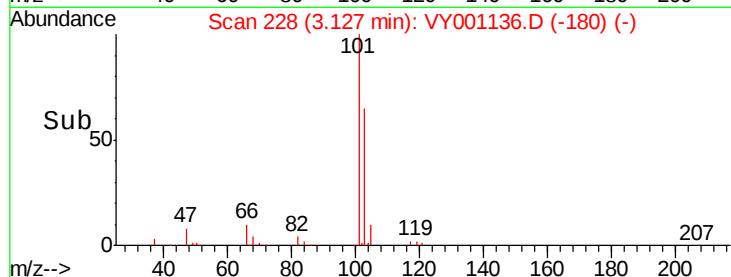
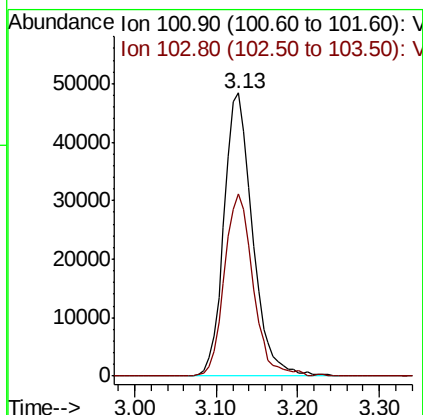
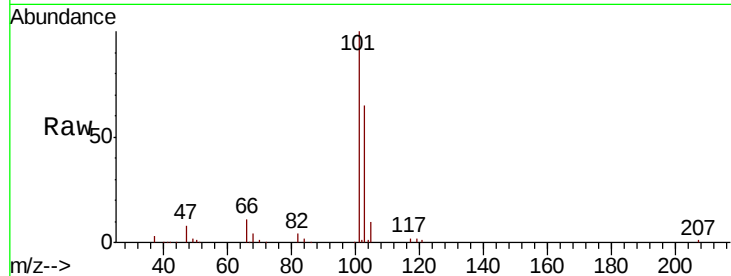


#7

Trichlorofluoromethane
 Concen: 22.711 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

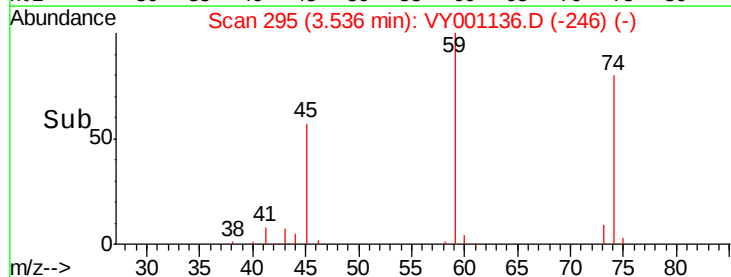
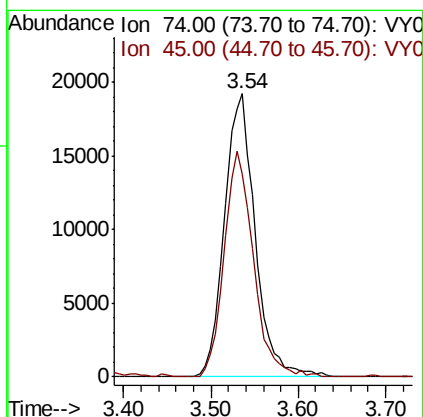
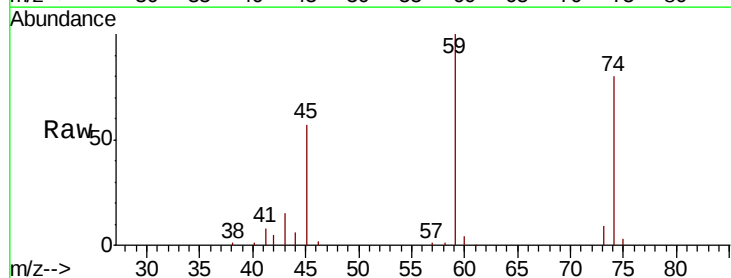
Tot Ion:101 Resp: 117259
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.7 74.5

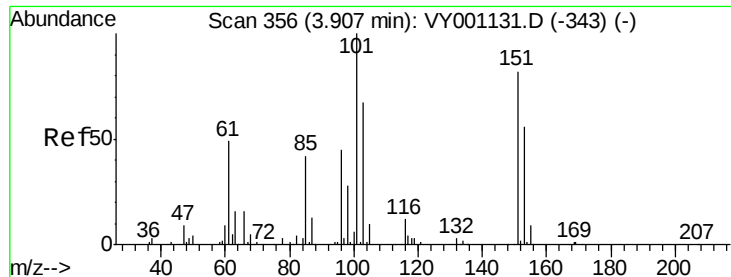


#8

Diethyl Ether
 Concen: 26.064 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion: 74 Resp: 47037
 Ion Ratio Lower Upper
 74 100
 45 76.1 33.2 99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.333 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

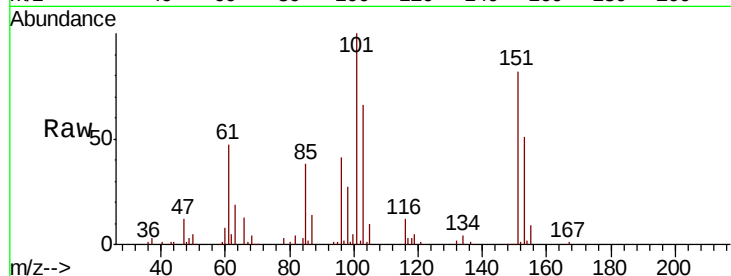
Tot Ion:101 Resp: 82229

Ion Ratio Lower Upper

101 100

85 40.8 32.8 49.2

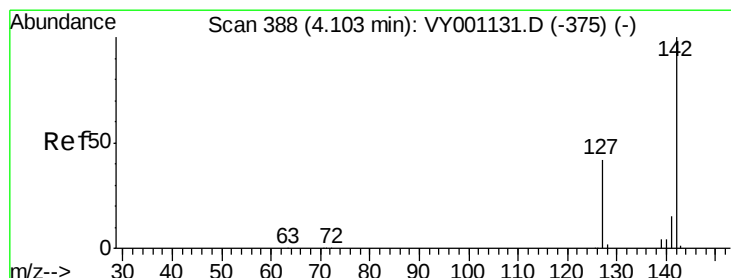
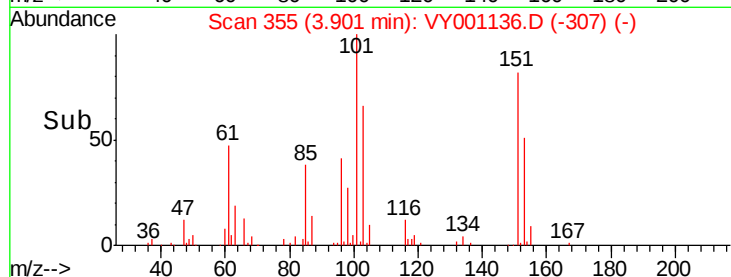
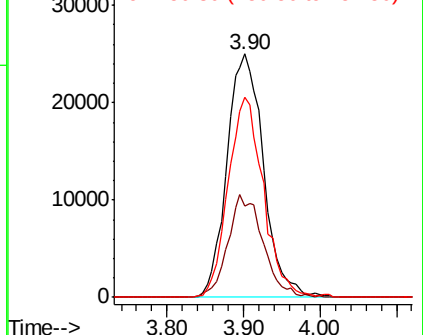
151 79.8 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.657 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

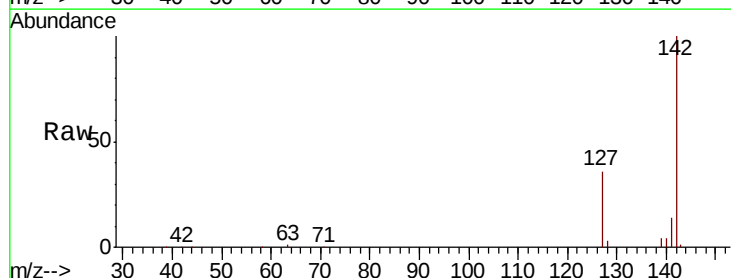
Tgt Ion:142 Resp: 117837

Ion Ratio Lower Upper

142 100

127 37.9 32.2 48.4

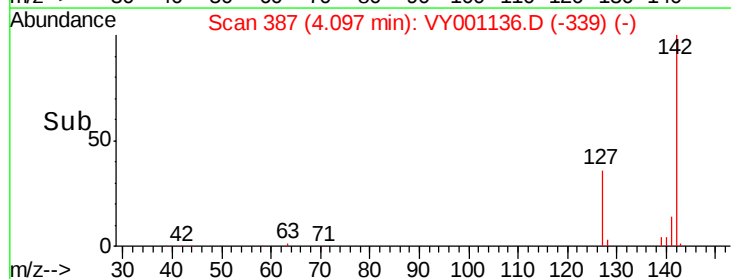
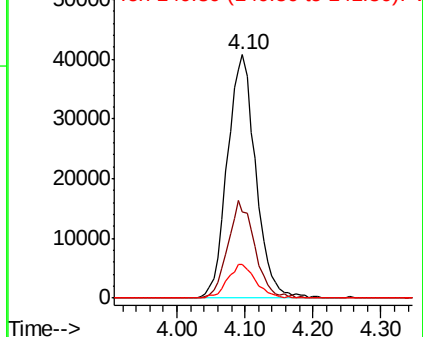
141 13.5 11.1 16.7

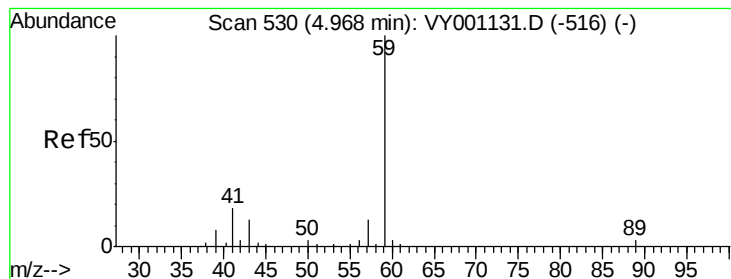


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



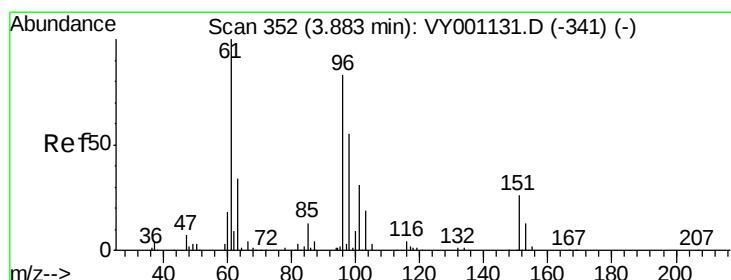
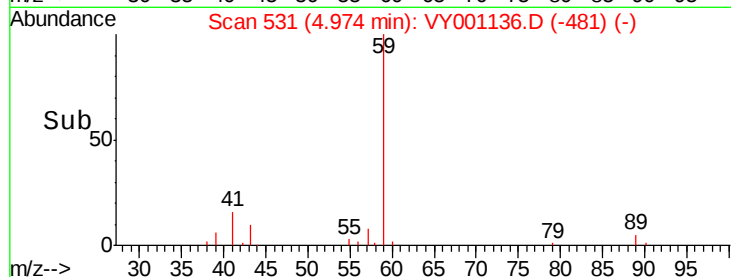
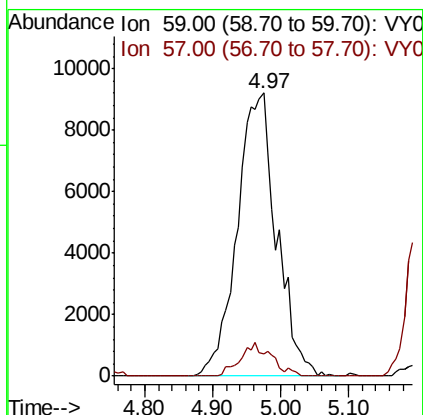
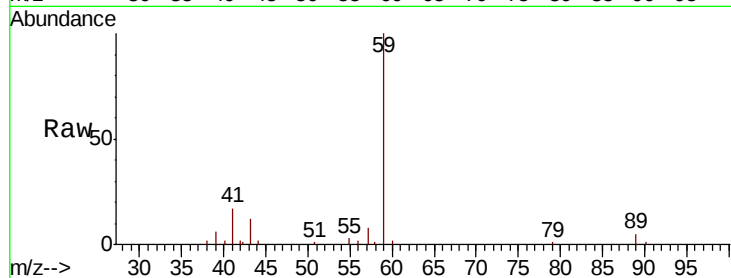


#11

Tert butyl alcohol
 Concen: 124.601 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

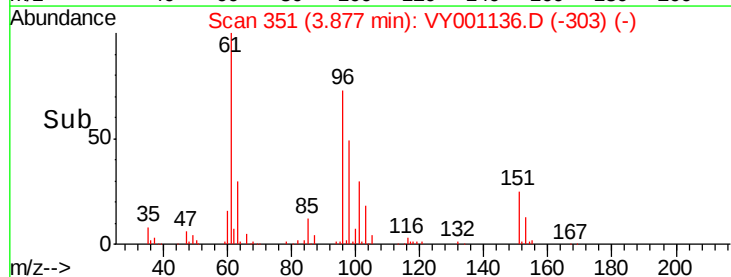
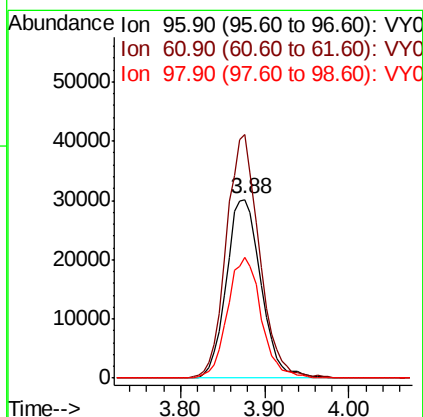
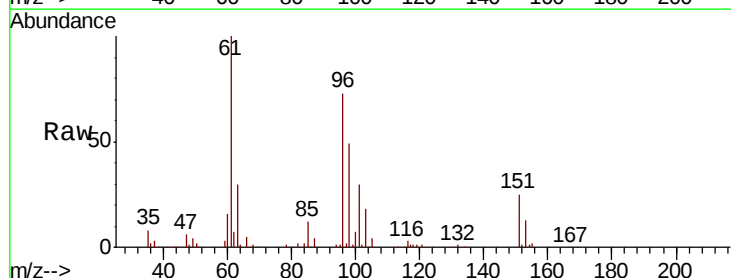
Tot Ion: 59 Resp: 37019
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.8 11.6

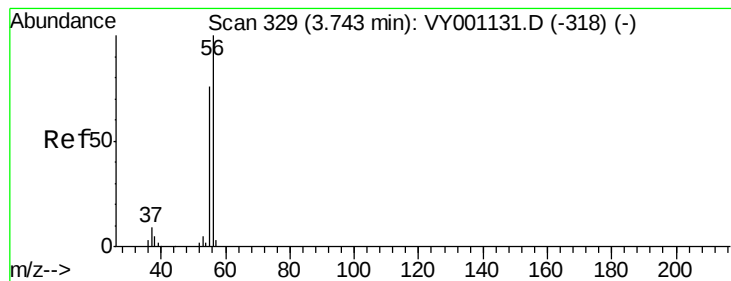


#12

1,1-Dichloroethene
 Concen: 25.102 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion: 96 Resp: 84071
 Ion Ratio Lower Upper
 96 100
 61 136.3 96.2 144.4
 98 67.3 52.8 79.2





#13

Acrolein

Concen: 146.202 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

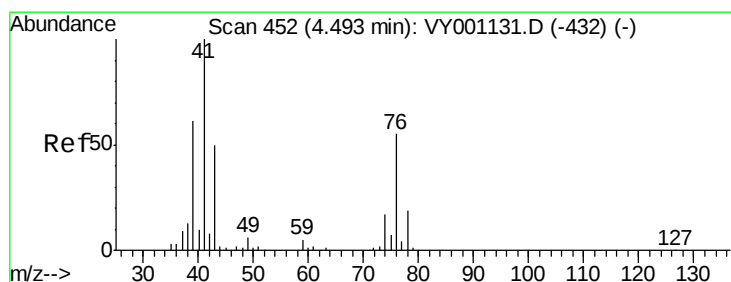
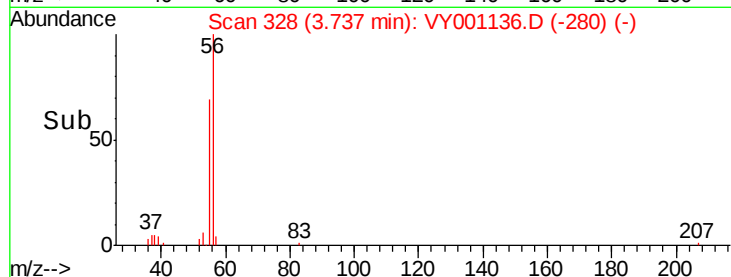
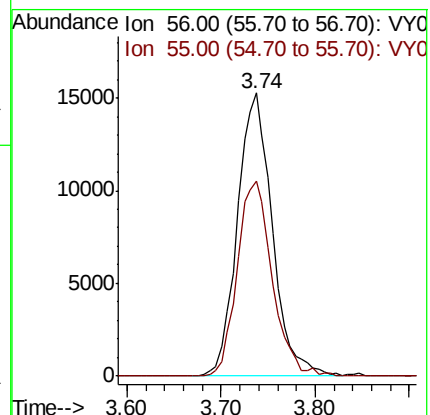
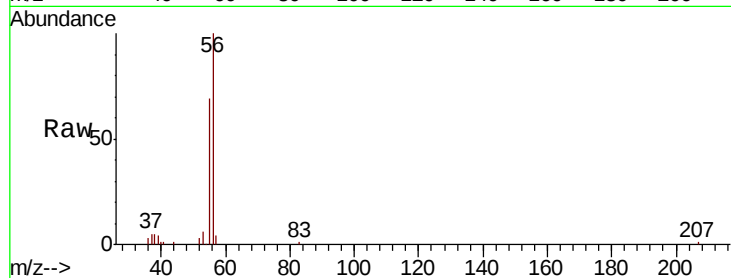
VY0102SBS01

Tot Ion: 56 Resp: 39390

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



#14

Allyl chloride

Concen: 23.924 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

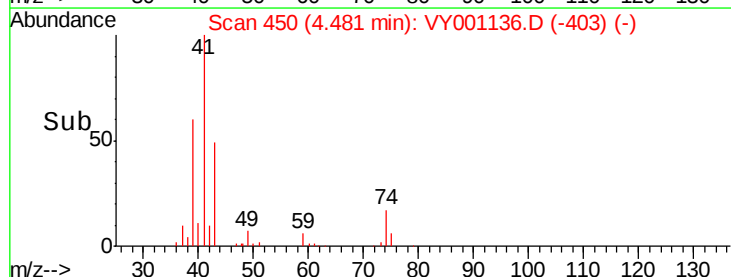
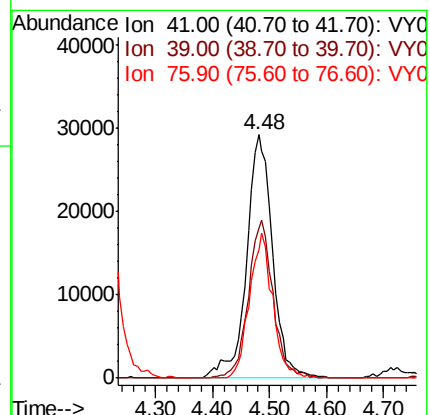
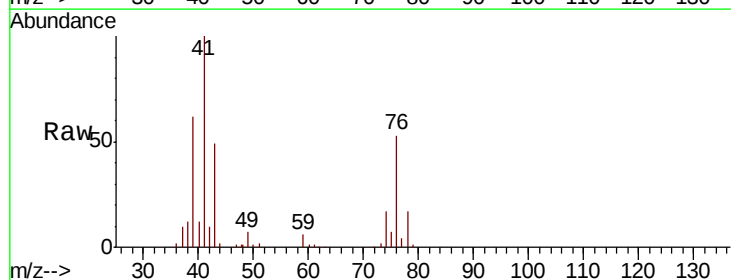
Tgt Ion: 41 Resp: 92693

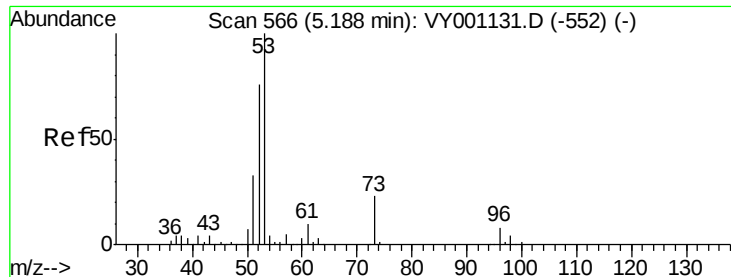
Ion Ratio Lower Upper

41 100

39 61.9 50.1 75.1

76 53.2 42.1 63.1





#15

Acrylonitrile

Concen: 120.556 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

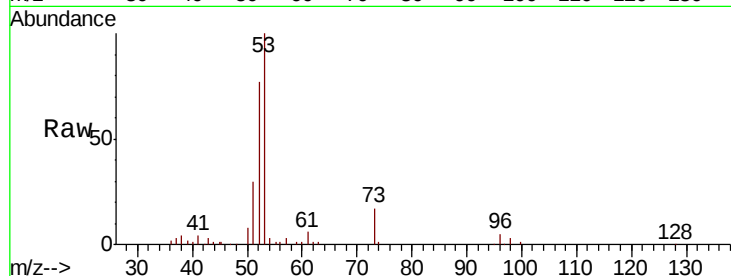
Tot Ion: 53 Resp: 102918

Ion Ratio Lower Upper

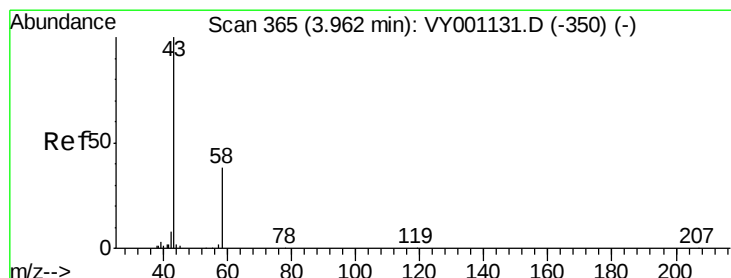
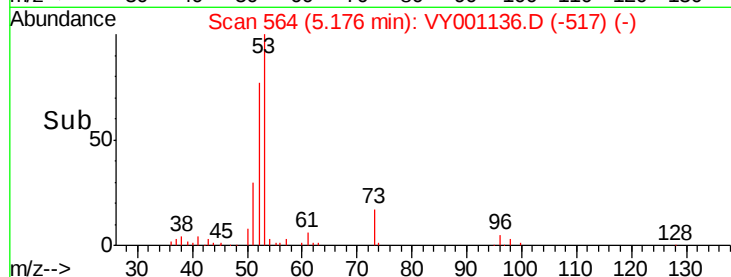
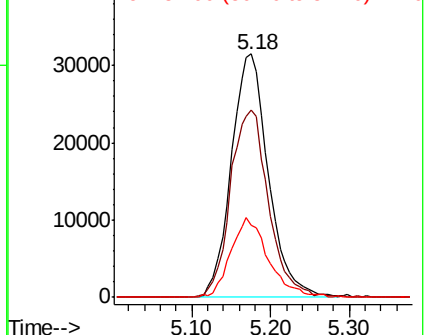
53 100

52 79.1 63.0 94.4

51 33.3 26.1 39.1



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



#16

Acetone

Concen: 132.993 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY001136.D

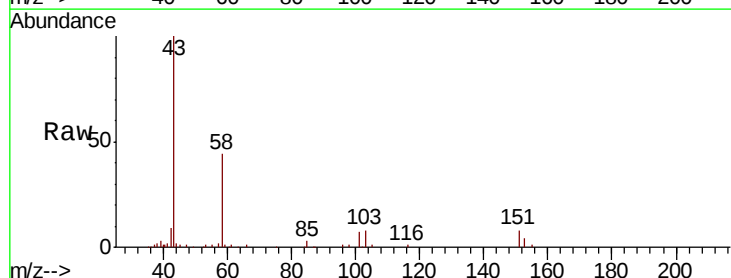
Acq: 02 Jan 2020 16:03

Tgt Ion: 43 Resp: 71097

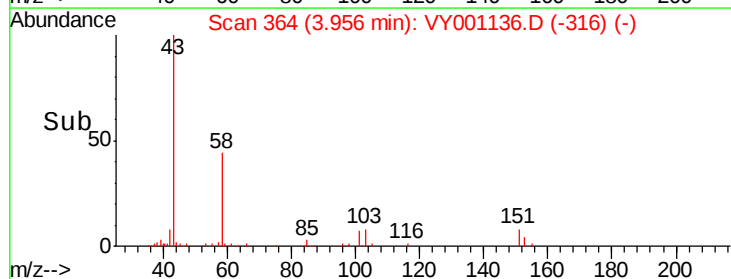
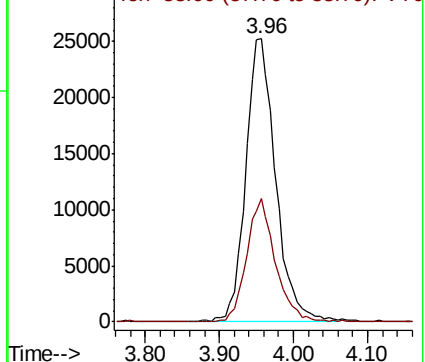
Ion Ratio Lower Upper

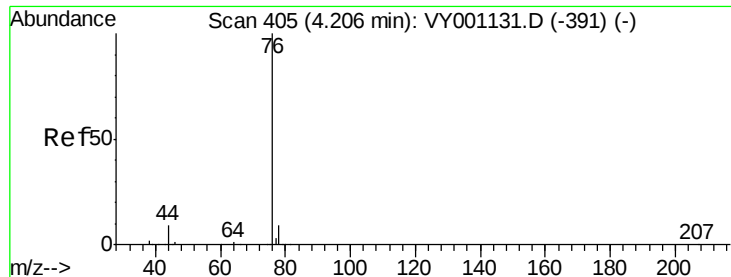
43 100

58 43.7 30.6 46.0



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

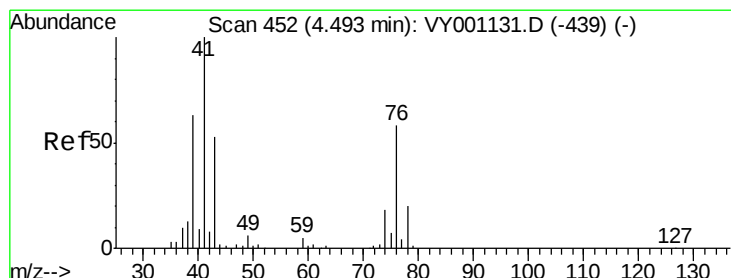
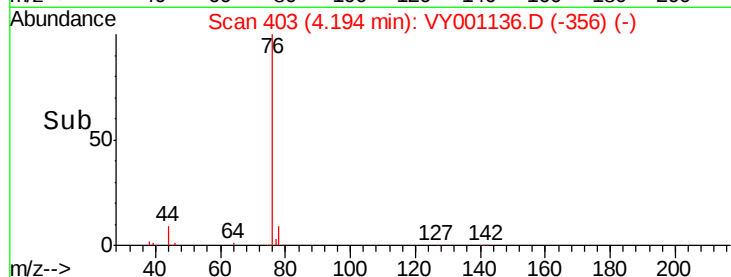
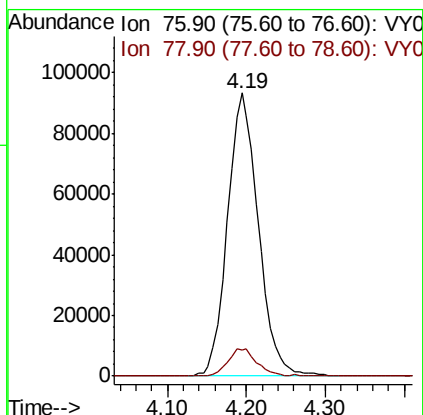
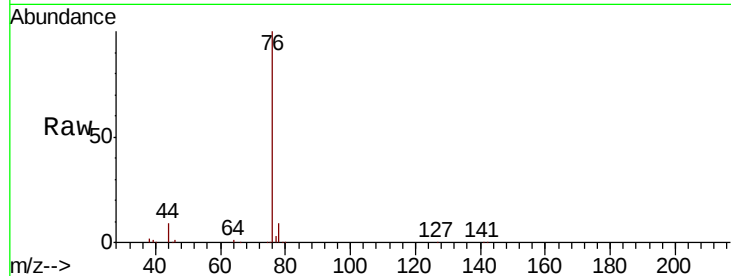




#17
Carbon Disulfide
Concen: 24.288 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

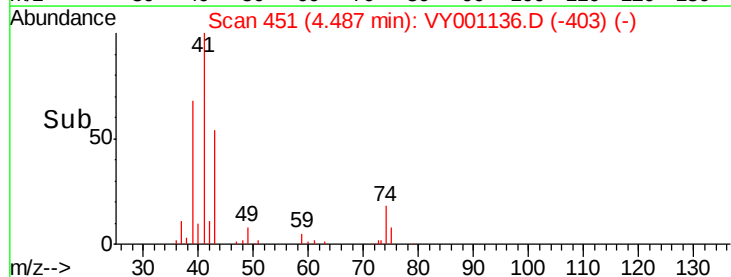
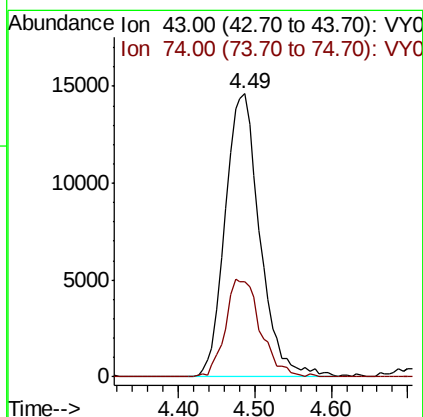
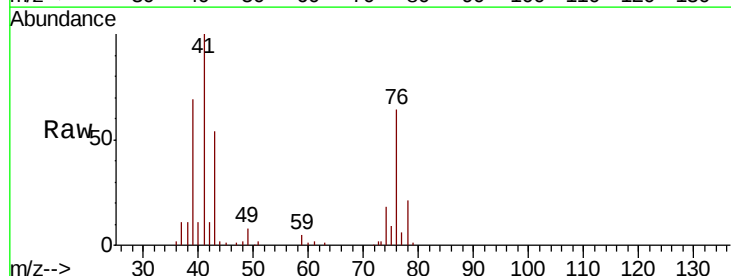
Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

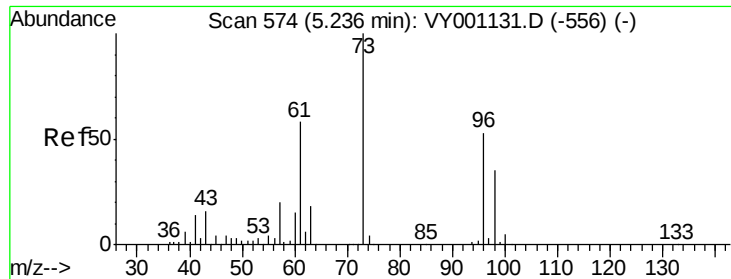
Tot Ion: 76 Resp: 253673
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 24.636 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 43 Resp: 46043
Ion Ratio Lower Upper
43 100
74 34.6 27.3 40.9

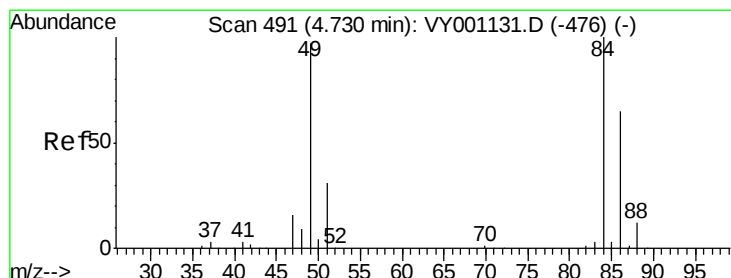
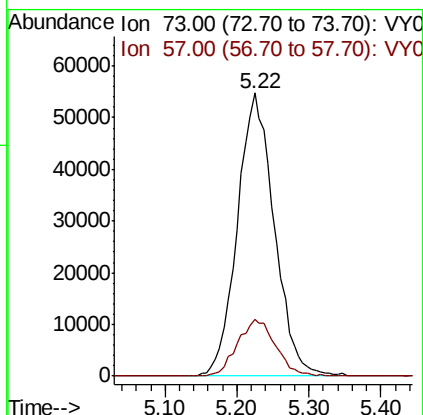
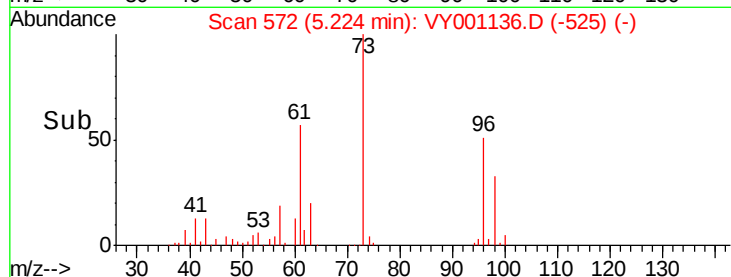
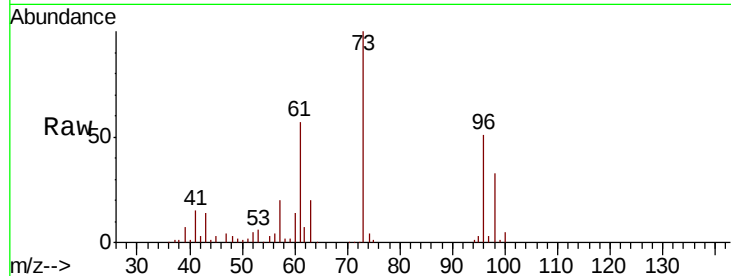




#19
Methyl tert-butyl Ether
Concen: 23.339 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

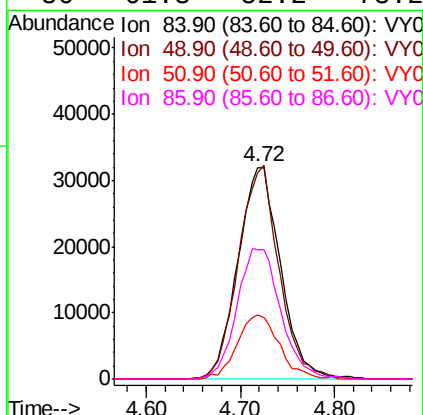
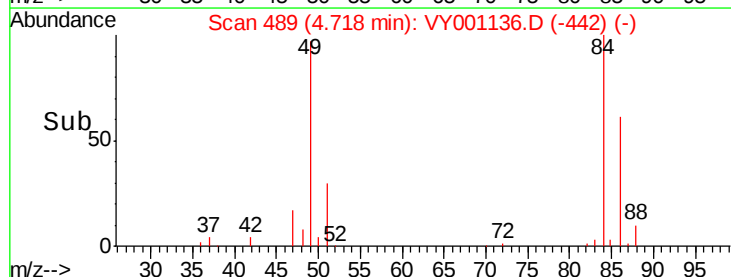
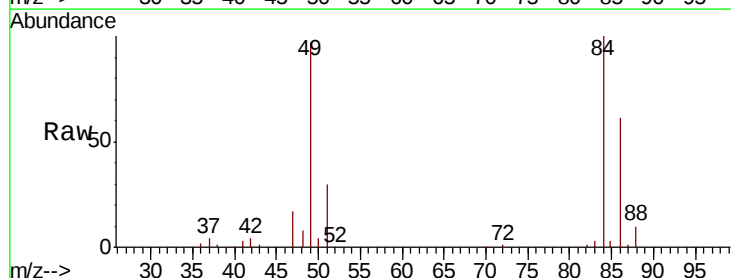
Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

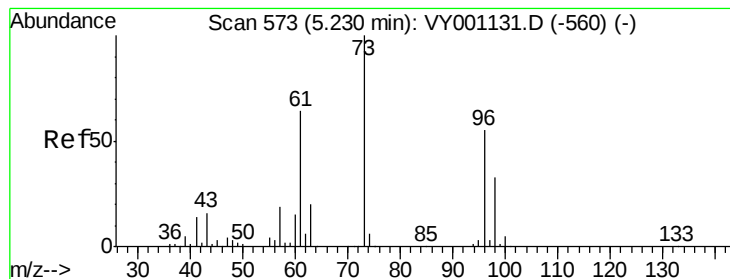
Tot Ion: 73 Resp: 194858
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5



#20
Methylene Chloride
Concen: 24.914 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 84 Resp: 100775
Ion Ratio Lower Upper
84 100
49 97.2 77.5 116.3
51 30.2 24.7 37.1
86 61.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 23.883 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

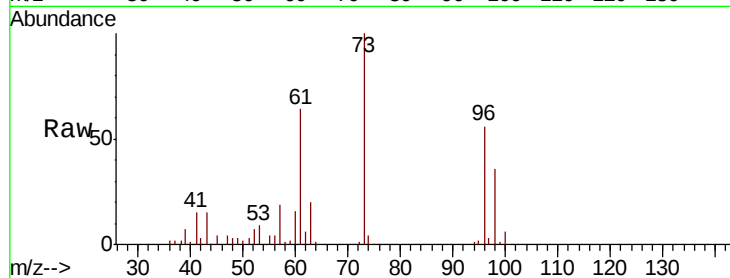
Tot Ion: 96 Resp: 91848

Ion Ratio Lower Upper

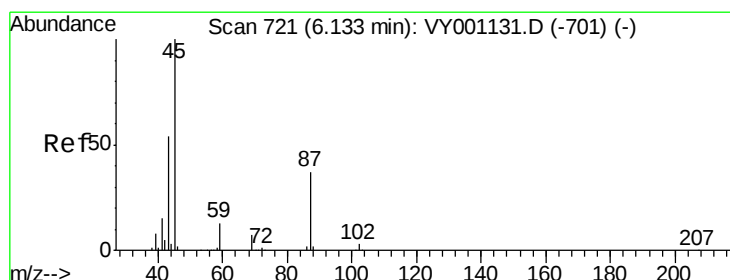
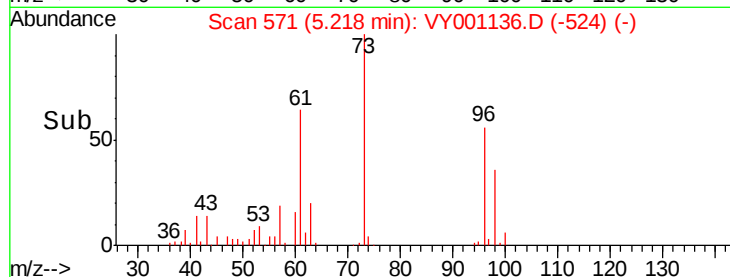
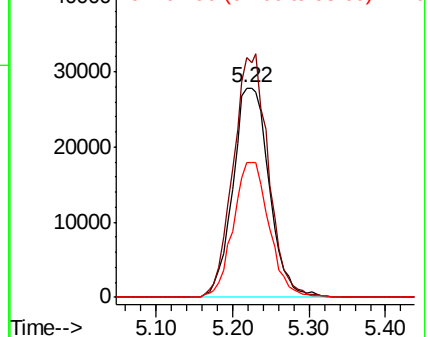
96 100

61 114.6 93.2 139.8

98 64.2 48.8 73.2



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



#22

Diisopropyl ether

Concen: 25.446 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion: 45 Resp: 192915

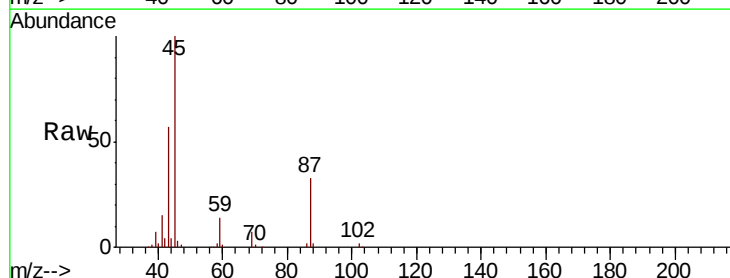
Ion Ratio Lower Upper

45 100

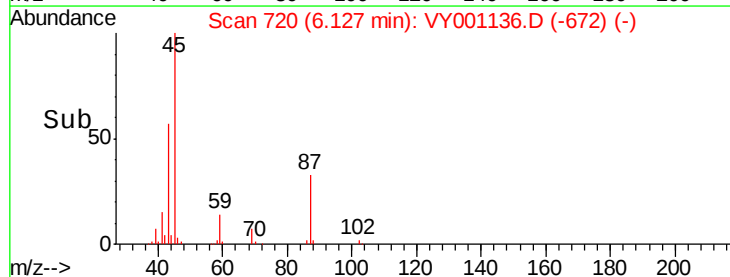
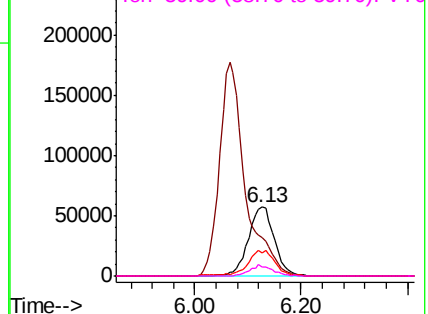
43 56.6 43.7 65.5

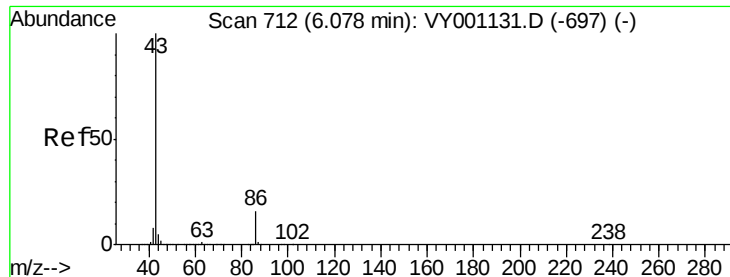
87 33.3 30.0 45.0

59 13.6 10.5 15.7



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





#23

Vinyl Acetate

Concen: 119.424 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

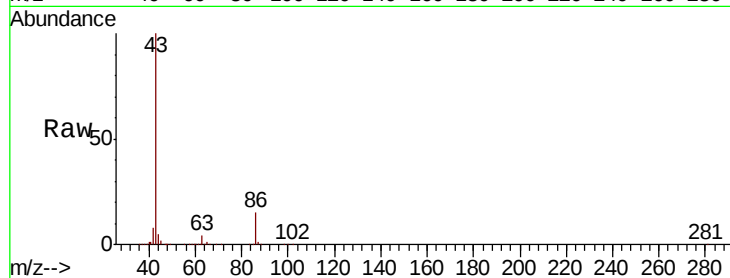
VY0102SBS01

Tot Ion: 43 Resp: 598511

Ion Ratio Lower Upper

43 100

86 15.2 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

150000

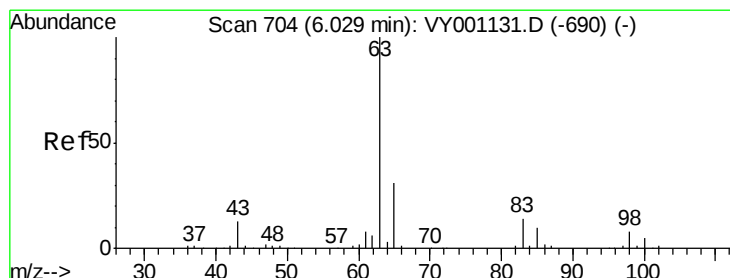
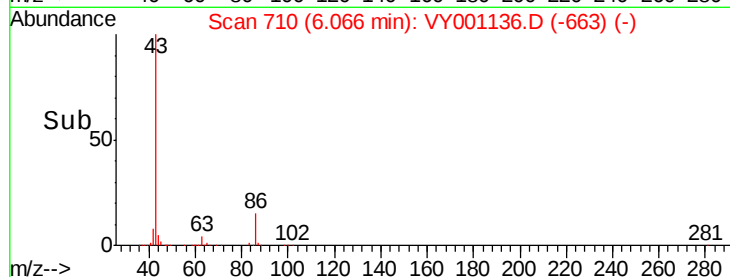
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 25.198 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

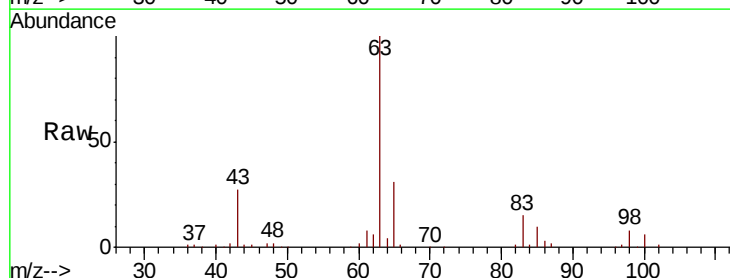
Tgt Ion: 63 Resp: 132051

Ion Ratio Lower Upper

63 100

98 8.3 4.1 12.3

100 6.4 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

50000

40000

30000

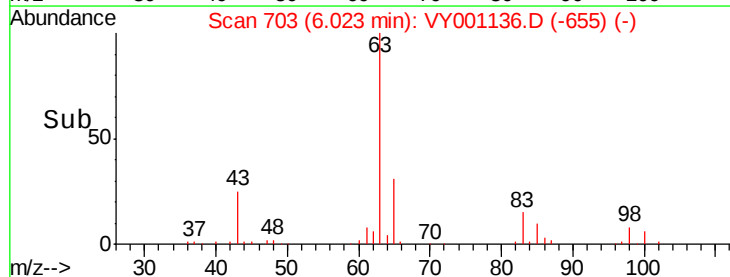
20000

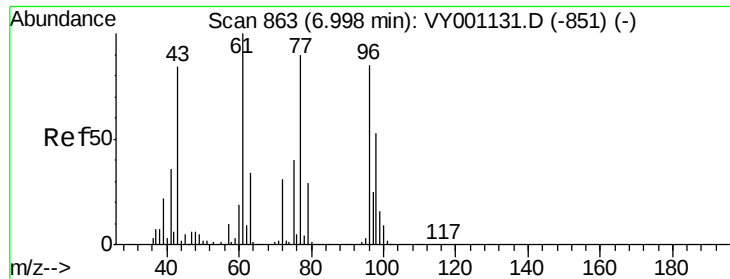
10000

0

Time-->

5.90 6.00 6.10 6.20

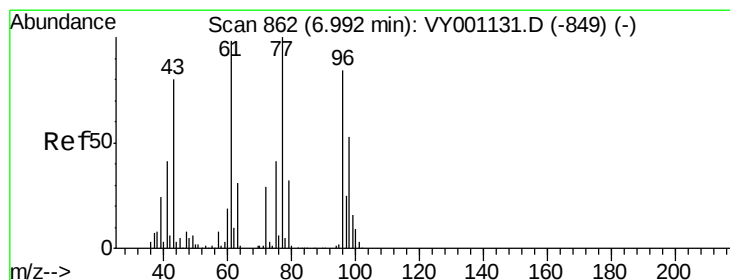
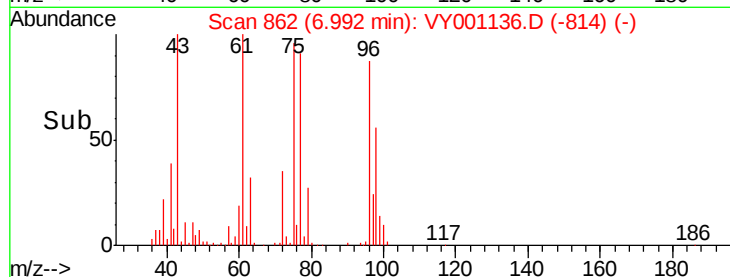
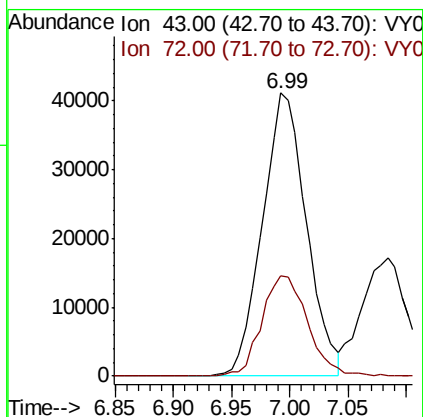
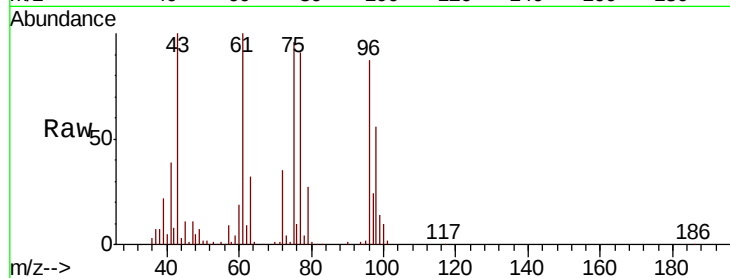




#25
2-Butanone
Concen: 111.645 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

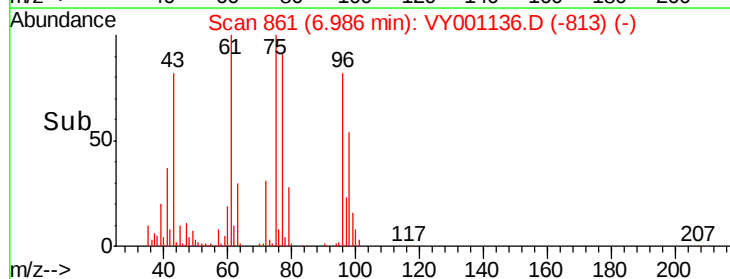
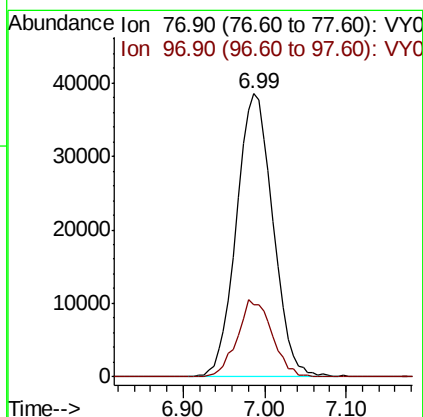
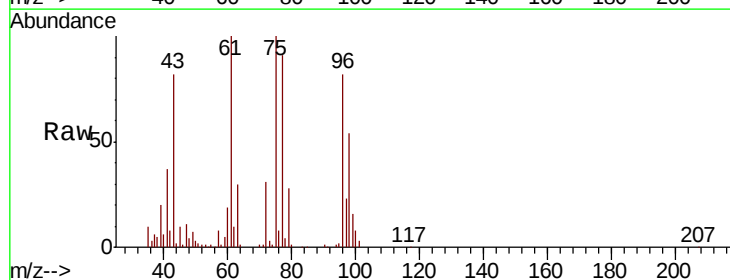
Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

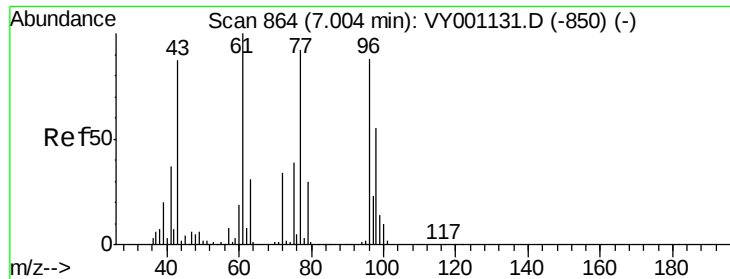
Tot Ion: 43 Resp: 108063
Ion Ratio Lower Upper
43 100
72 35.4 29.5 44.3



#26
2,2-Dichloropropane
Concen: 21.145 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 77 Resp: 119554
Ion Ratio Lower Upper
77 100
97 26.1 12.6 37.6



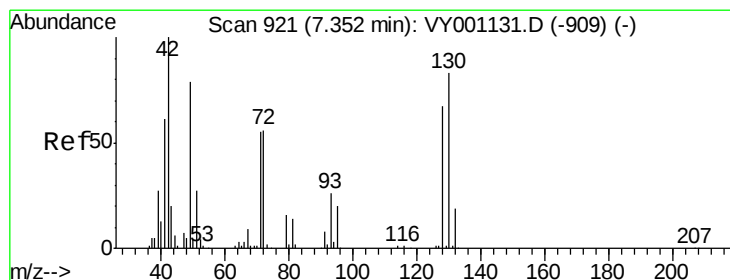
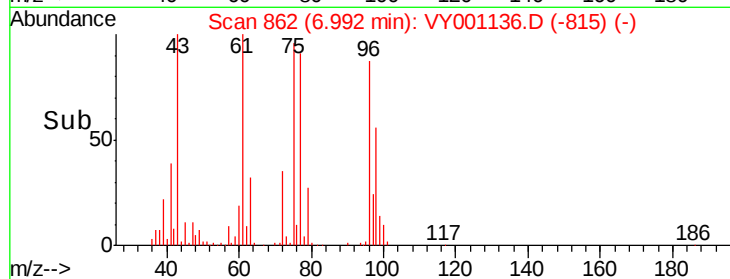
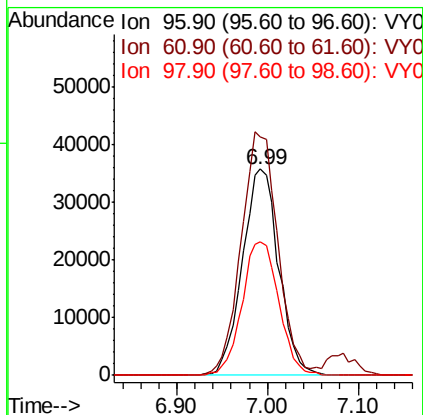
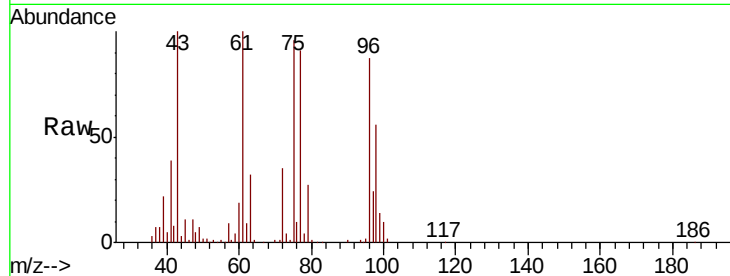


#27

cis-1,2-Dichloroethene
Concen: 21.930 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

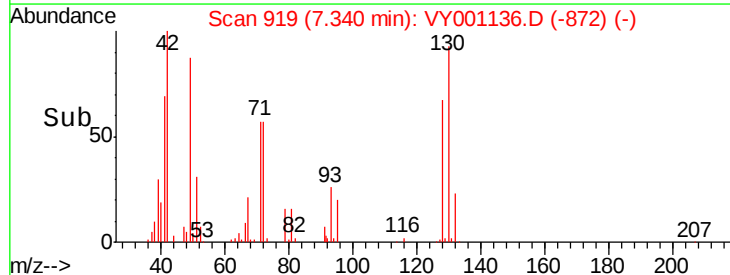
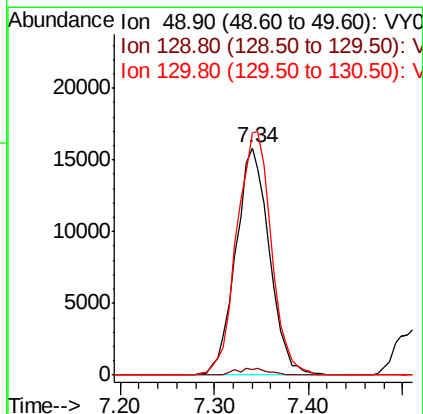
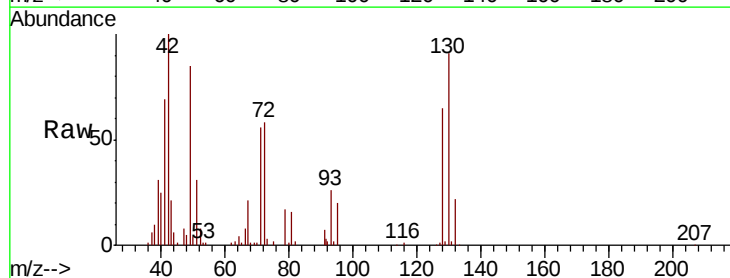
Tot Ion: 96 Resp: 99083
Ion Ratio Lower Upper
96 100
61 119.0 0.0 235.0
98 65.7 0.0 127.4

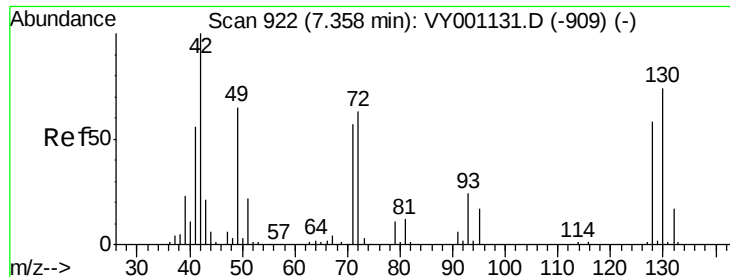


#28

Bromochloromethane
Concen: 20.083 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 49 Resp: 39449
Ion Ratio Lower Upper
49 100
129 2.7 0.0 6.0
130 110.3 86.9 130.3





#29

Tetrahydrofuran

Concen: 110.240 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

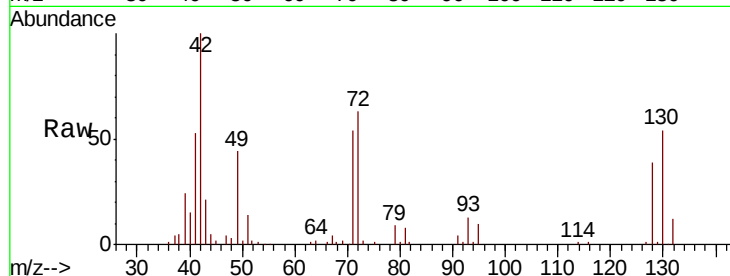
Tot Ion: 42 Resp: 71759

Ion Ratio Lower Upper

42 100

72 58.4 49.0 73.6

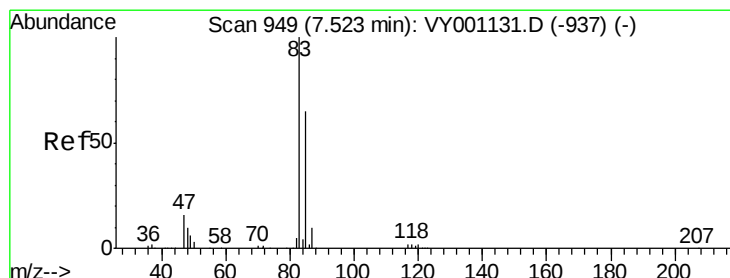
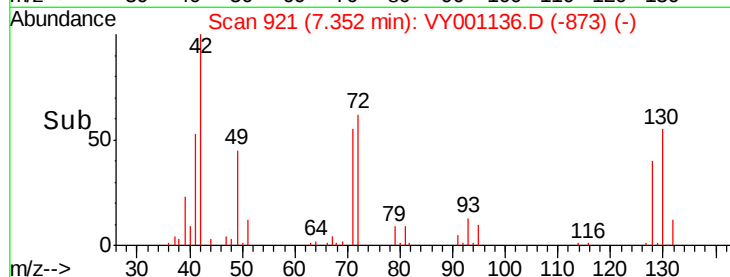
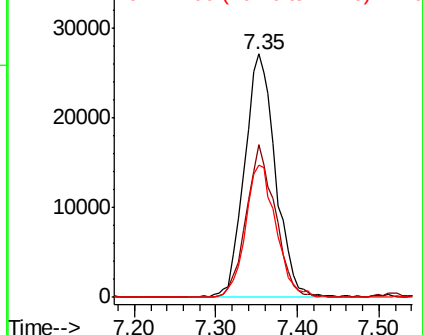
71 53.6 45.3 67.9



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: 20.831 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY001136.D

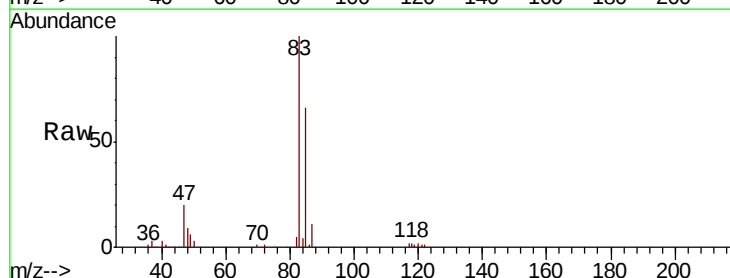
Acq: 02 Jan 2020 16:03

Tgt Ion: 83 Resp: 133254

Ion Ratio Lower Upper

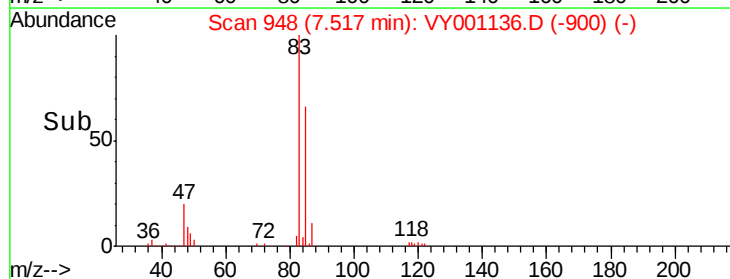
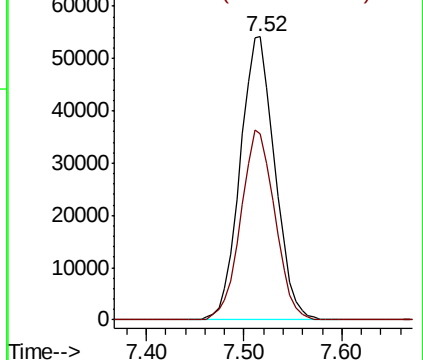
83 100

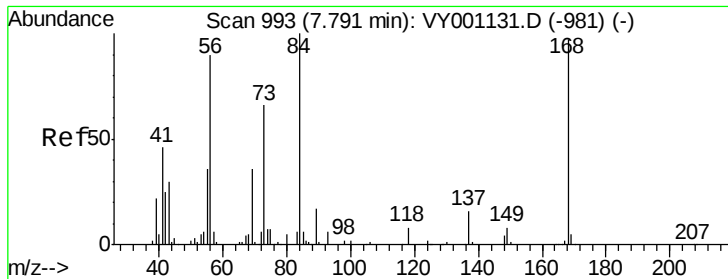
85 65.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

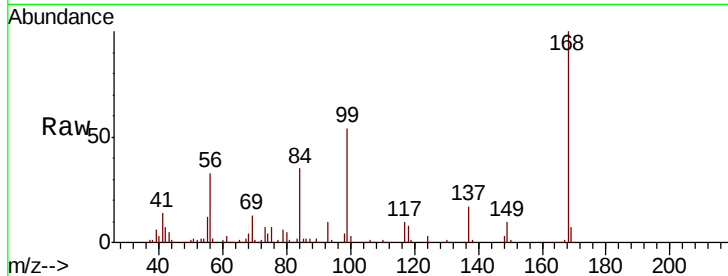




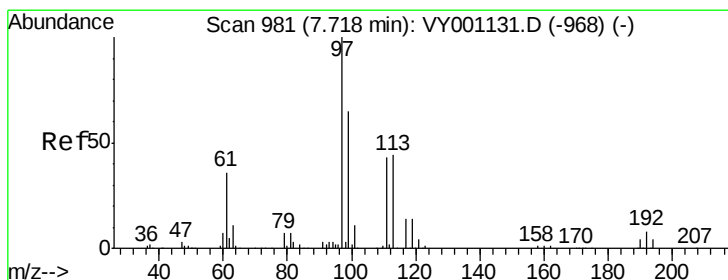
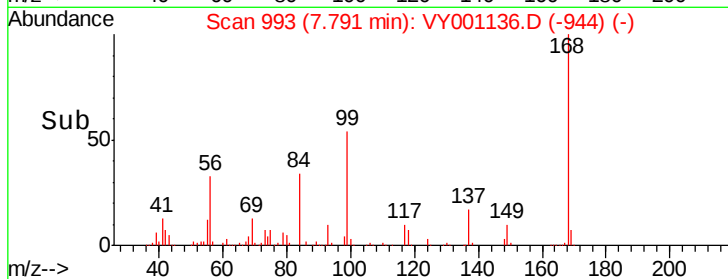
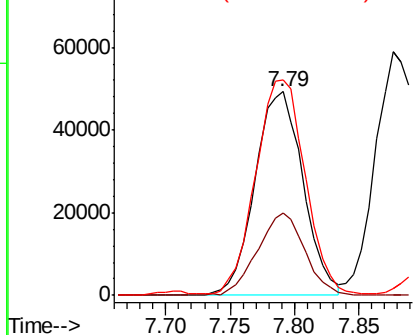
#31
Cyclohexane
Concen: 21.085 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 56 Resp: 128122
Ion Ratio Lower Upper
56 100
69 40.5 32.0 48.0
84 105.4 89.1 133.7

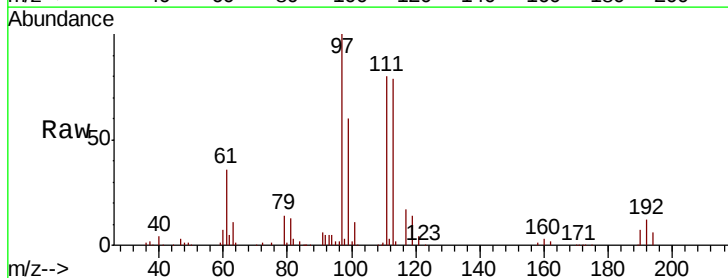


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

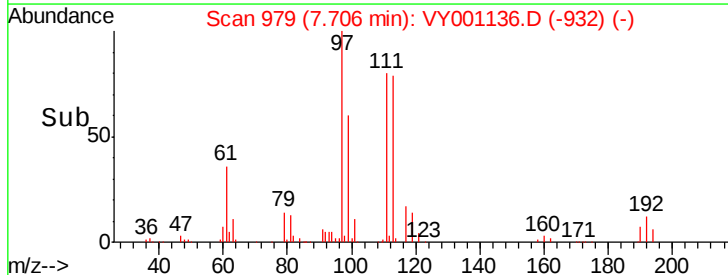
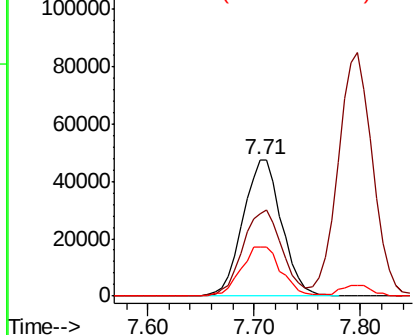


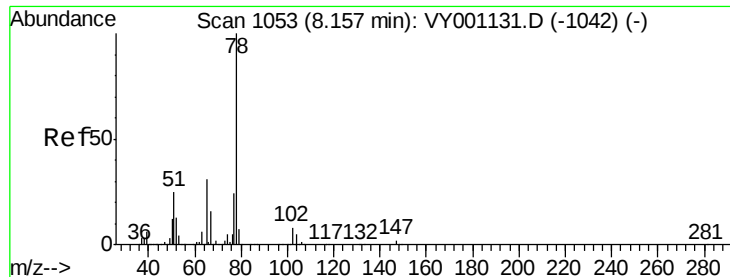
#32
1,1,1-Trichloroethane
Concen: 20.339 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 97 Resp: 121456
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 37.7 29.2 43.8



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

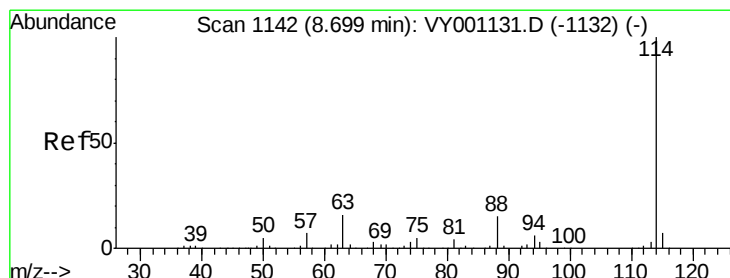
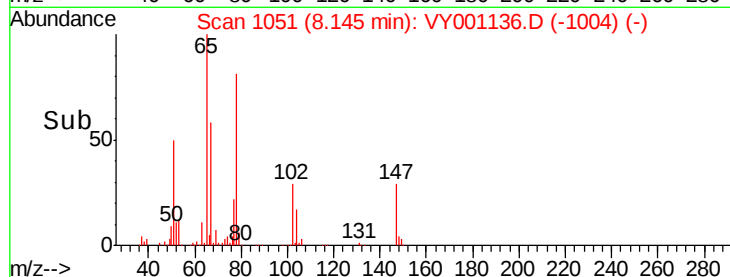
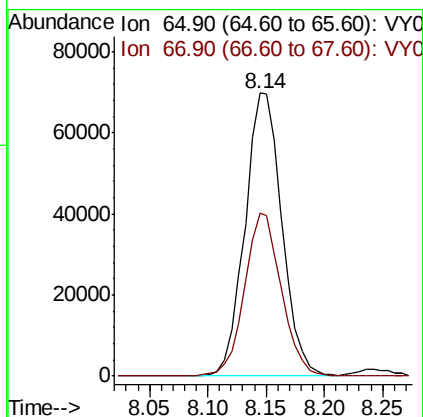
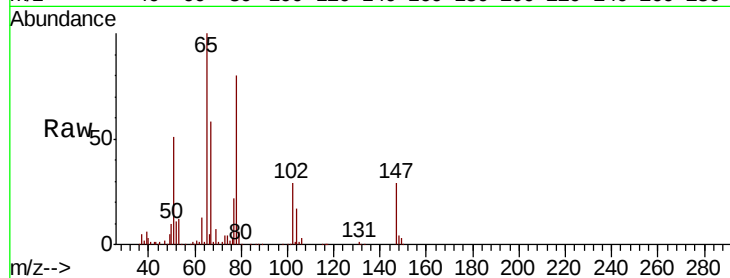




#33
 1,2-Dichloroethane-d4
 Concen: 50.253 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

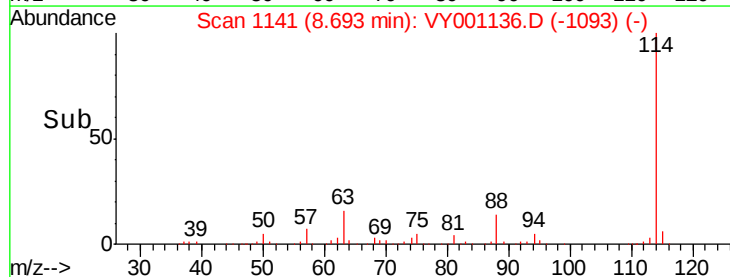
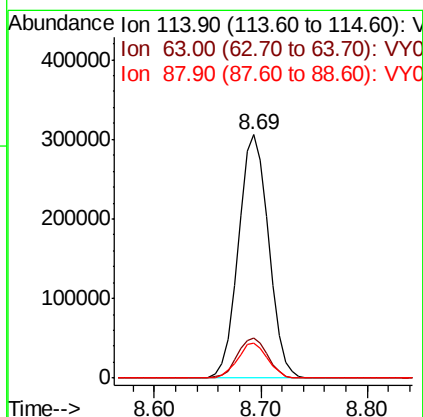
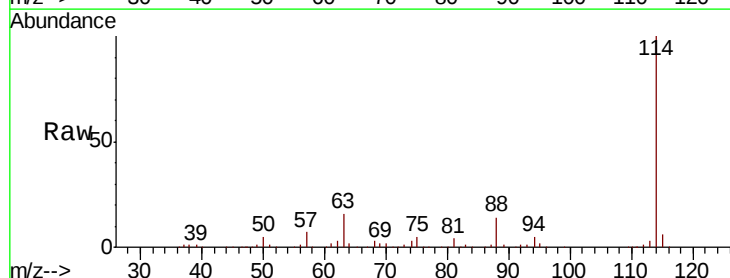
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

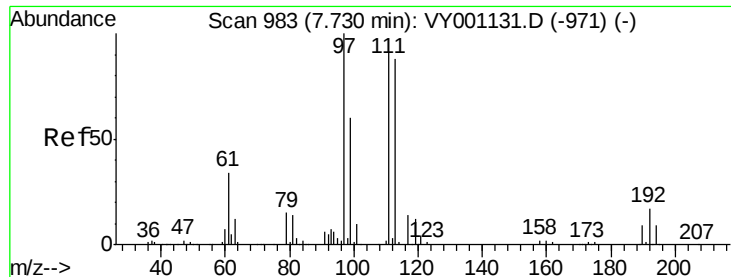
Tot Ion: 65 Resp: 154443
 Ion Ratio Lower Upper
 65 100
 67 57.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion: 114 Resp: 608942
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 33.0
 88 14.2 0.0 30.0

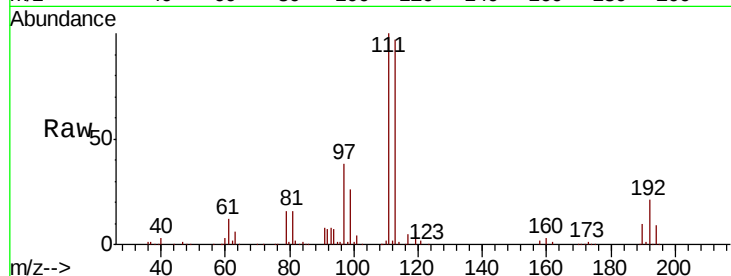




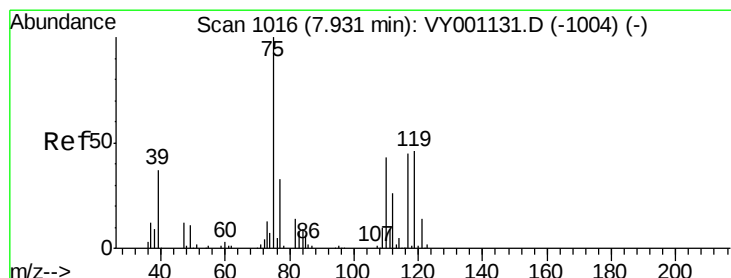
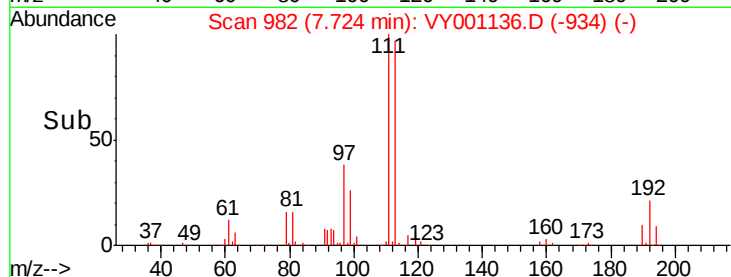
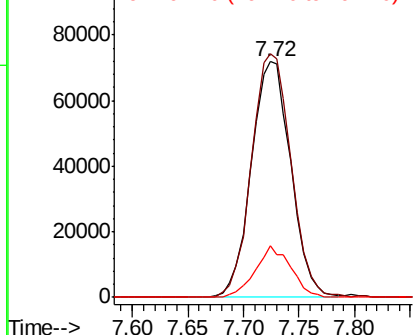
#35
Dibromofluoromethane
Concen: 51.267 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion:113 Resp: 177525
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.4
192 19.7 16.4 24.6

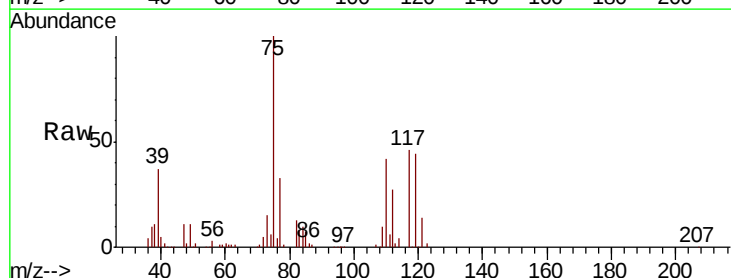


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

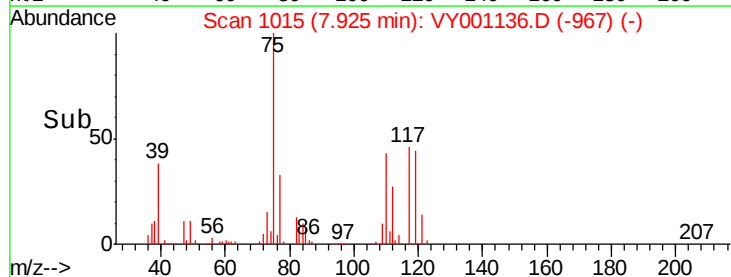
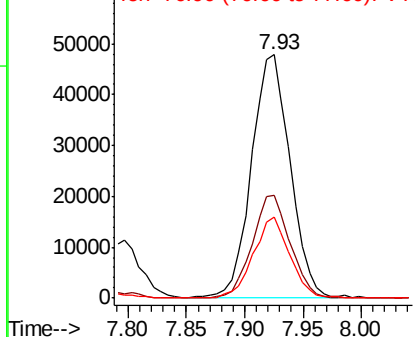


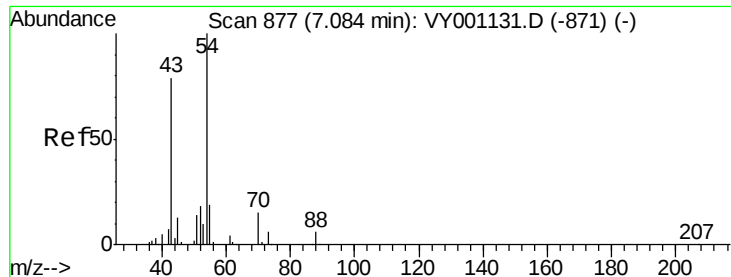
#36
1,1-Dichloropropene
Concen: 20.543 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 75 Resp: 109134
Ion Ratio Lower Upper
75 100
110 41.8 20.6 61.8
77 31.8 25.7 38.5



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

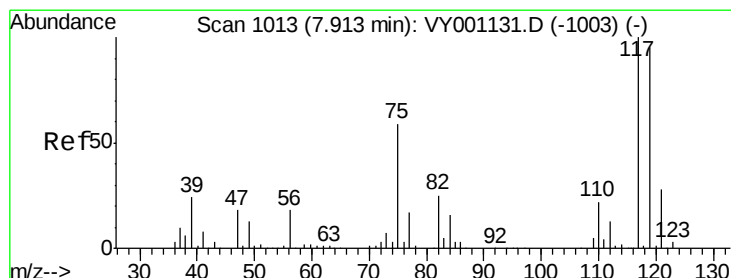
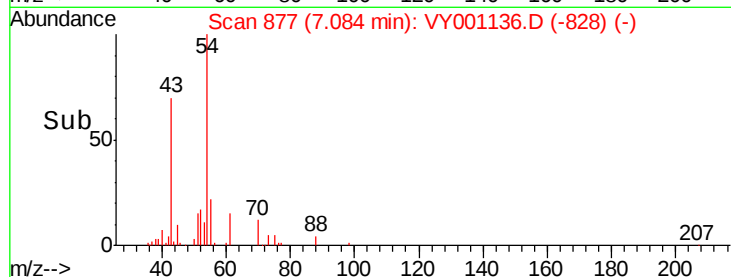
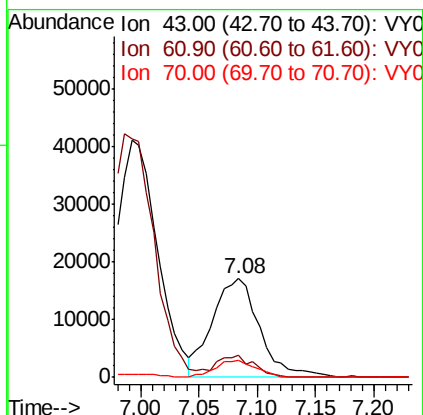
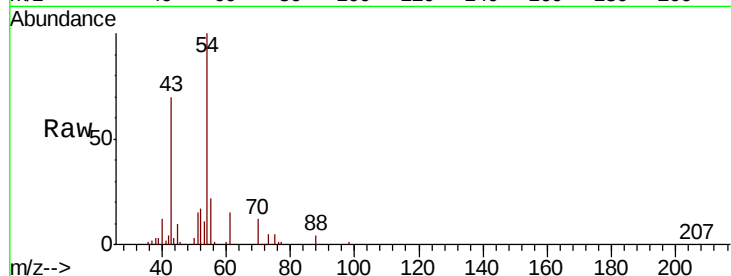




#37
Ethyl Acetate
Concen: 21.547 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

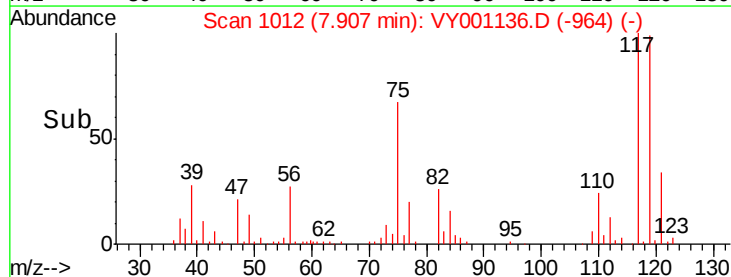
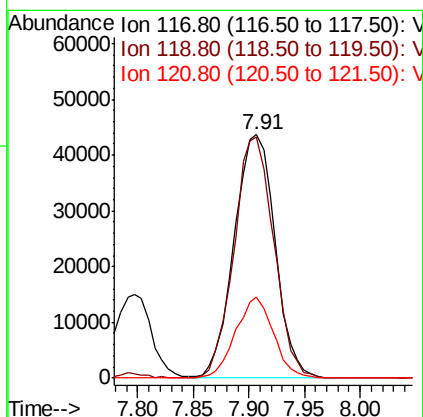
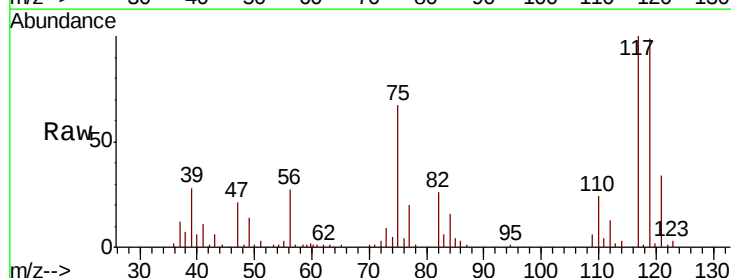
Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

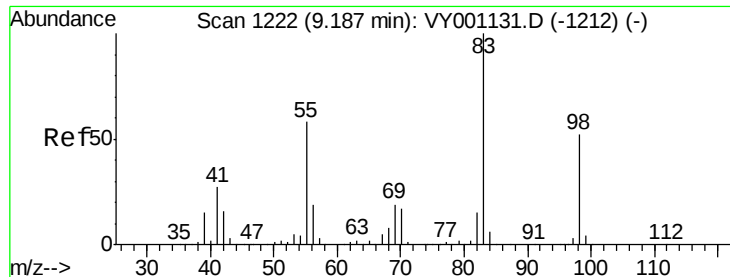
Tot Ion	43	Resp	47616
Ion Ratio	Lower	Upper	
43	100		
61	19.0	14.4	21.6
70	15.0	11.5	17.3



#38
Carbon Tetrachloride
Concen: 20.278 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	117	Resp	111938
Ion Ratio	Lower	Upper	
117	100		
119	99.0	75.8	113.6
121	33.5	22.5	33.7

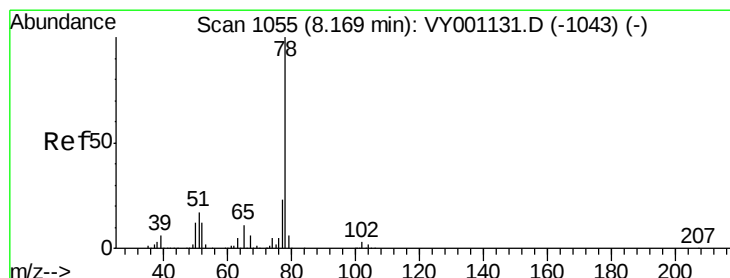
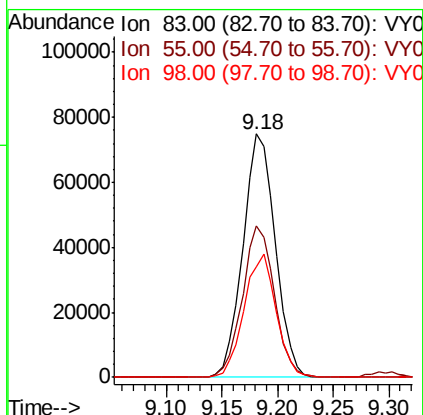
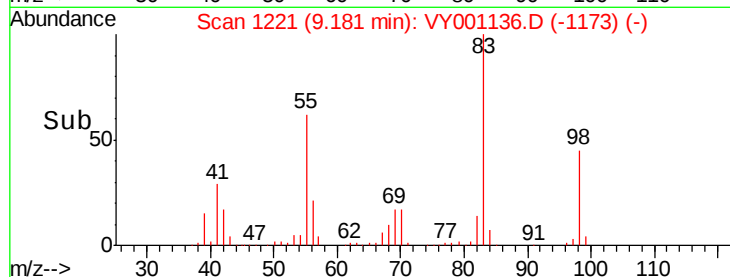
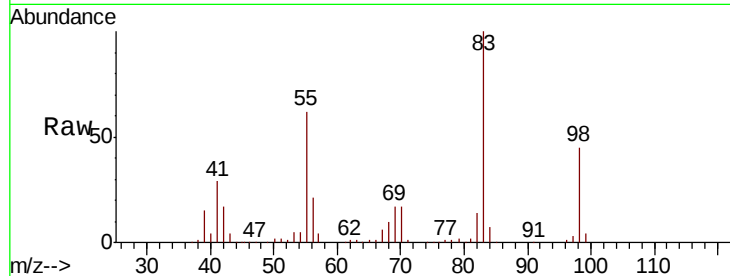




#39
Methvlcvclohexane
Concen: 20.569 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

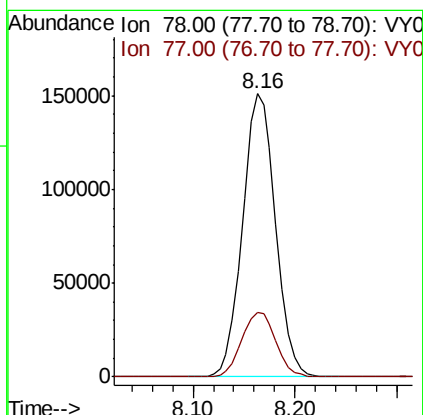
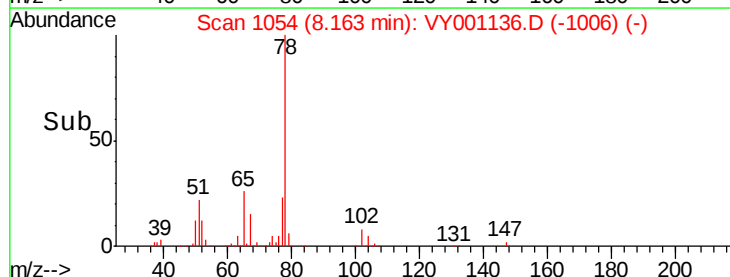
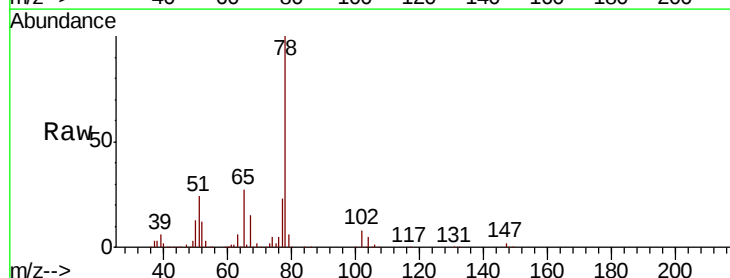
Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

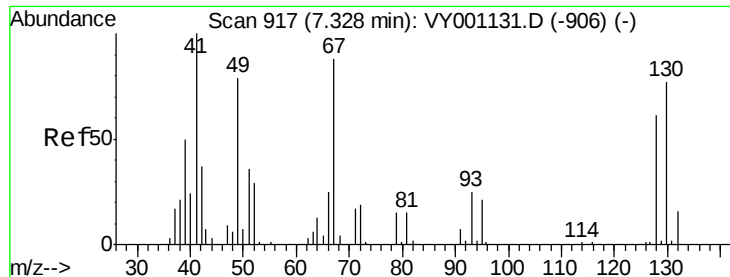
Tot Ion: 83 Resp: 151394
Ion Ratio Lower Upper
83 100
55 62.1 46.4 69.6
98 45.5 41.5 62.3



#40
Benzene
Concen: 20.669 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 78 Resp: 338068
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2





#41

Methacrylonitrile

Concen: 56.008 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 41 Resp: 60723

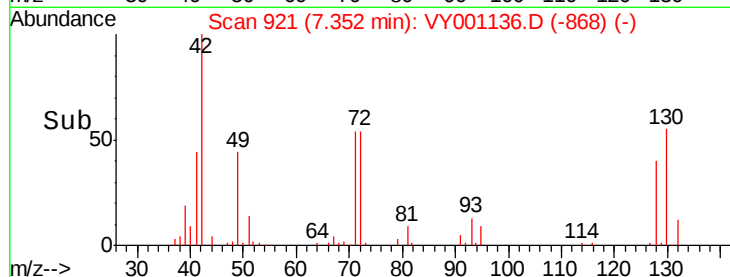
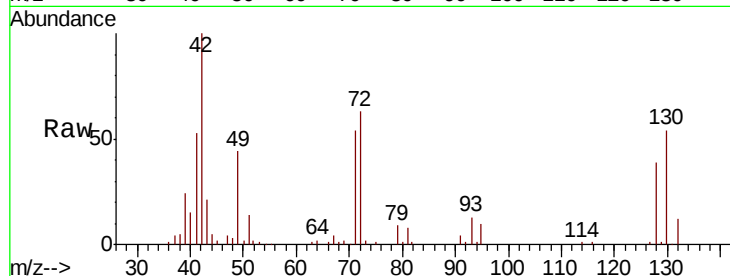
Ion Ratio Lower Upper

41 100

39 0.0 122.9 184.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

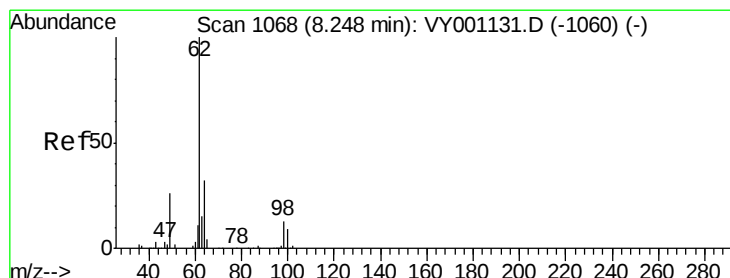
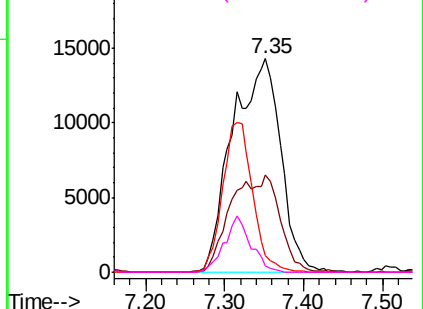


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.399 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001136.D

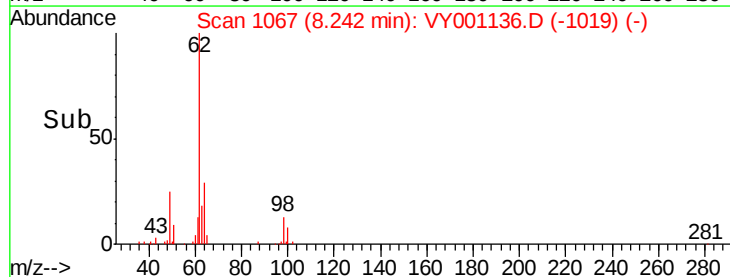
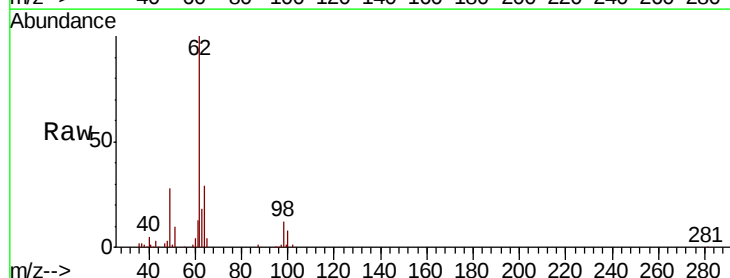
Acq: 02 Jan 2020 16:03

Tgt Ion: 62 Resp: 79409

Ion Ratio Lower Upper

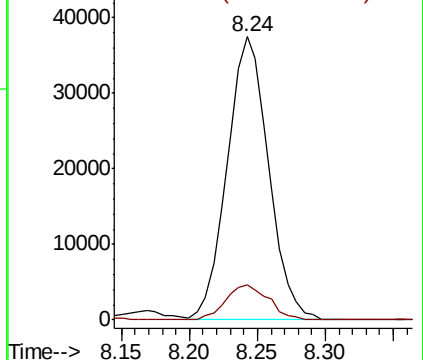
62 100

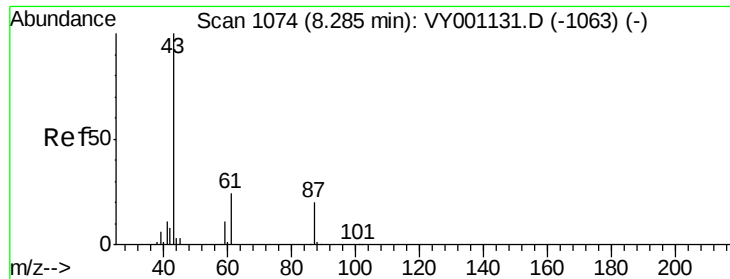
98 12.8 0.0 24.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



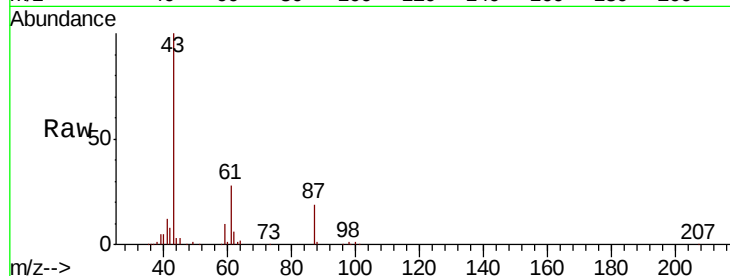


#43

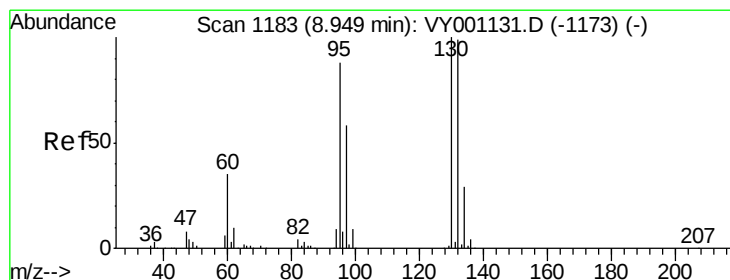
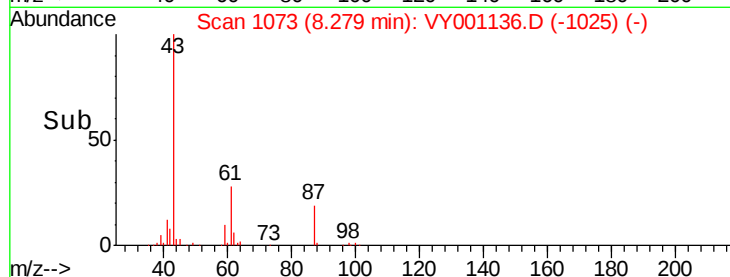
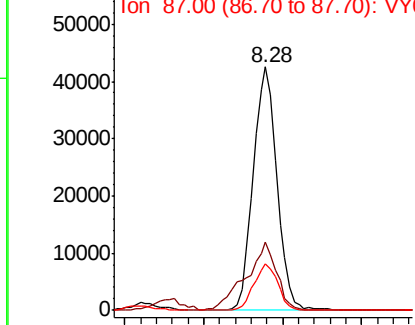
Isopropyl Acetate
 Concen: 20.569 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	43	Resp	89308
Ion Ratio	Lower	Upper	
43	100		
61	36.0	29.1	43.7
87	19.2	15.4	23.2



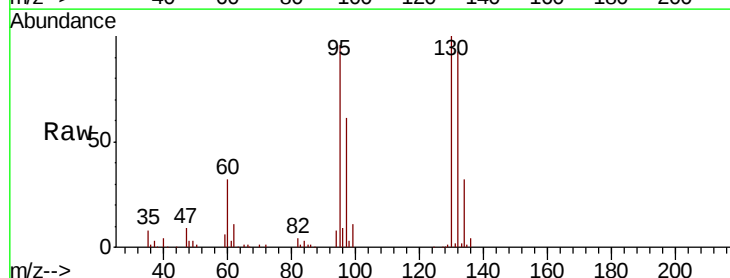
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



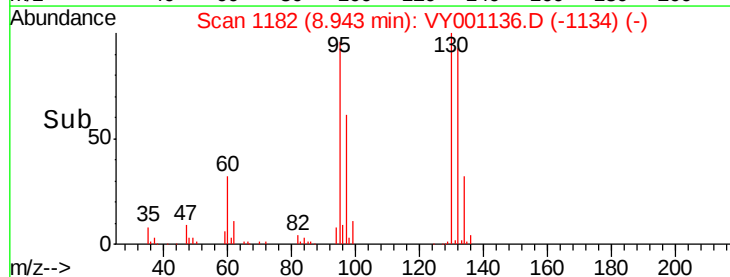
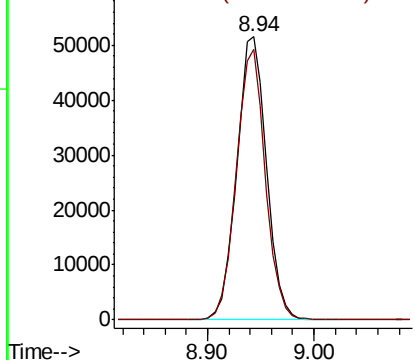
#44

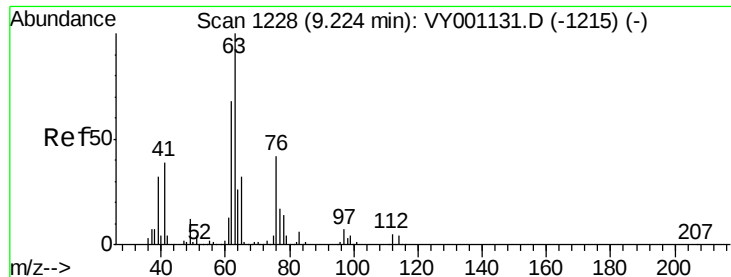
Trichloroethene
 Concen: 20.602 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion	130	Resp	100821
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	176.8



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





#45

1,2-Dichloropropane

Concen: 20.601 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

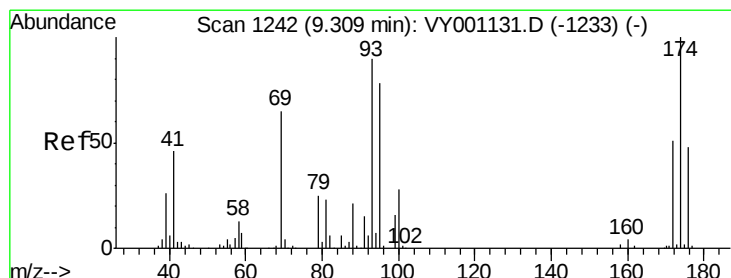
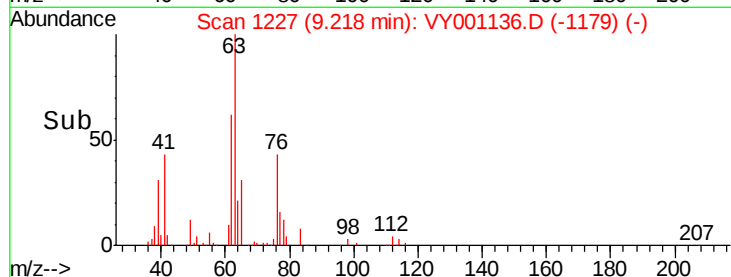
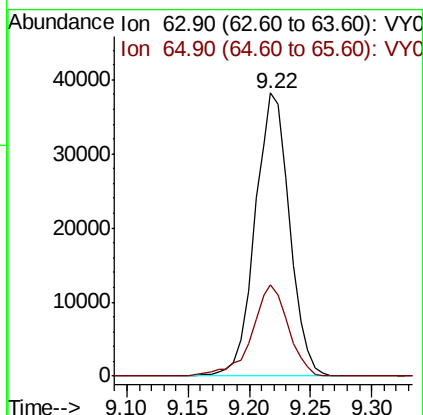
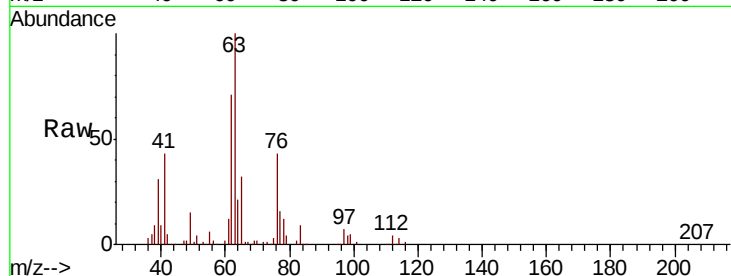
VY0102SBS01

Tot Ion: 63 Resp: 74838

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4



#46

Dibromomethane

Concen: 20.804 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

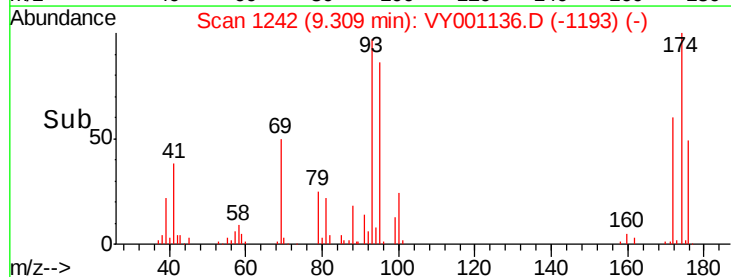
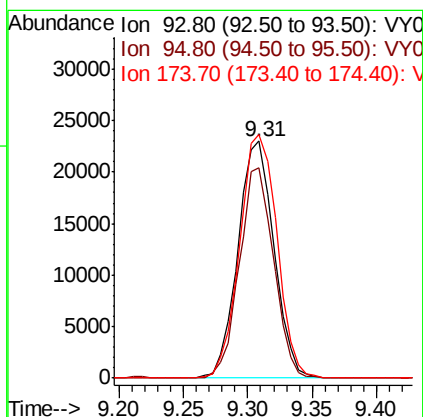
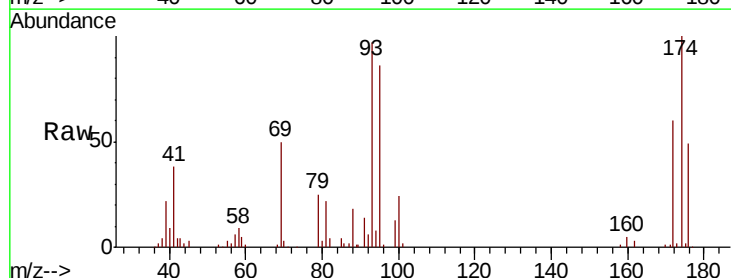
Tgt Ion: 93 Resp: 44515

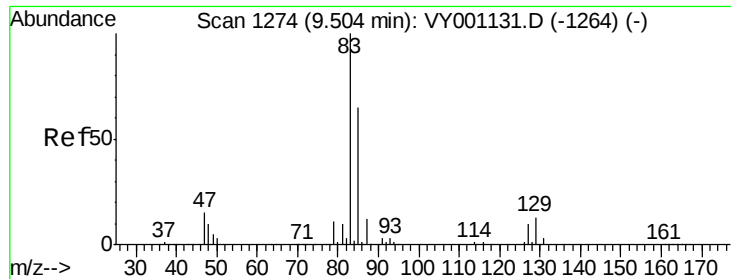
Ion Ratio Lower Upper

93 100

95 84.2 68.7 103.1

174 106.4 88.0 132.0

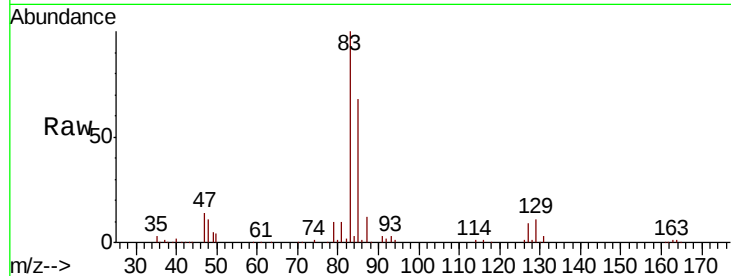




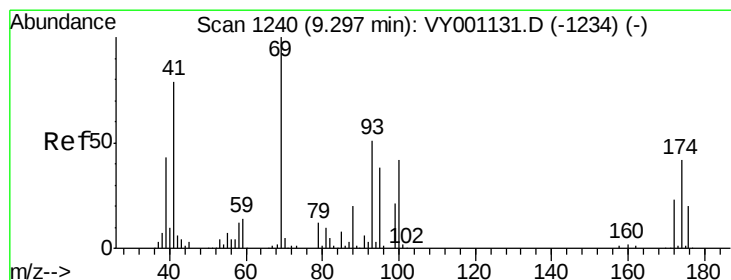
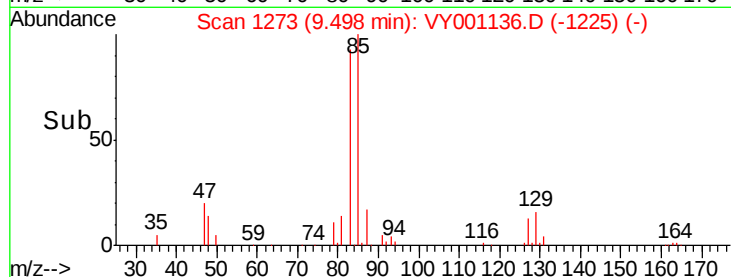
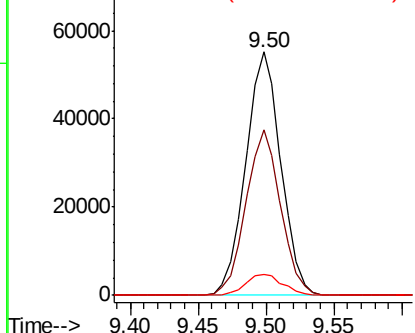
#47
Bromodichloromethane
Concen: 20.729 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 83 Resp: 99794
Ion Ratio Lower Upper
83 100
85 68.2 51.7 77.5
127 8.6 7.6 11.4

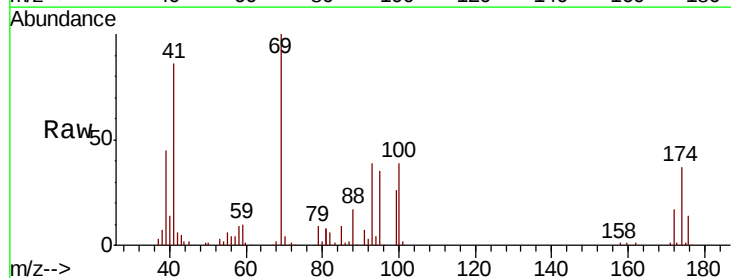


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

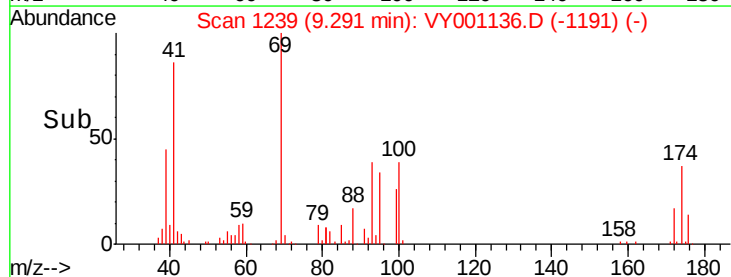
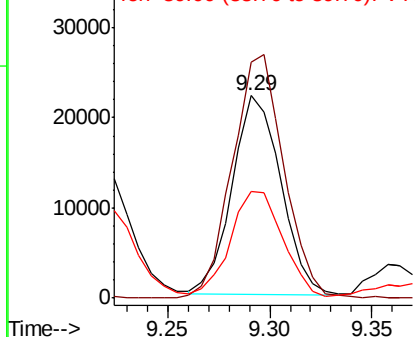


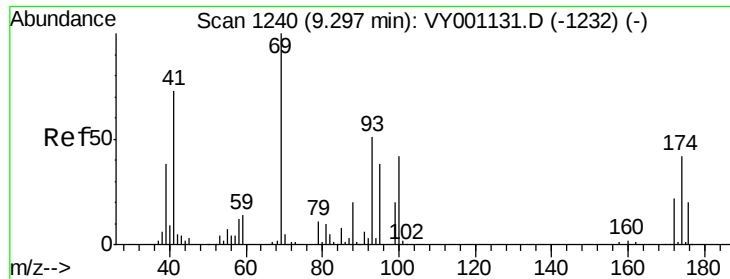
#48
Methyl methacrylate
Concen: 19.809 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 41 Resp: 36640
Ion Ratio Lower Upper
41 100
69 129.6 100.3 150.5
39 58.3 47.6 71.4



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

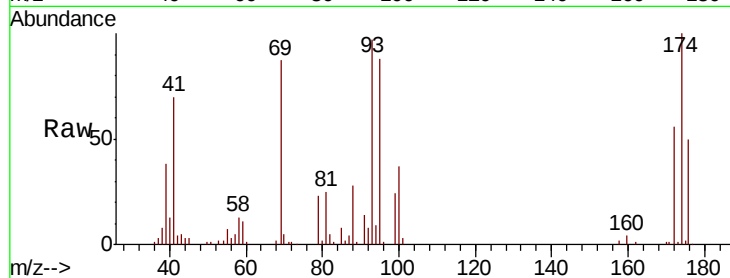




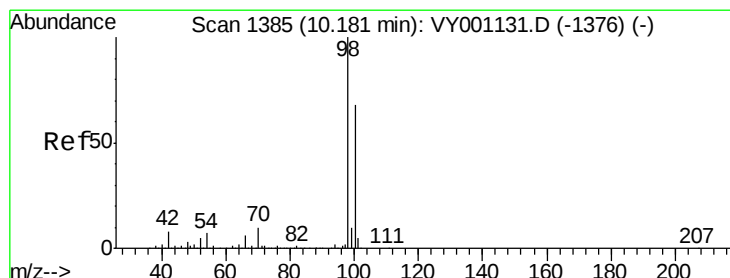
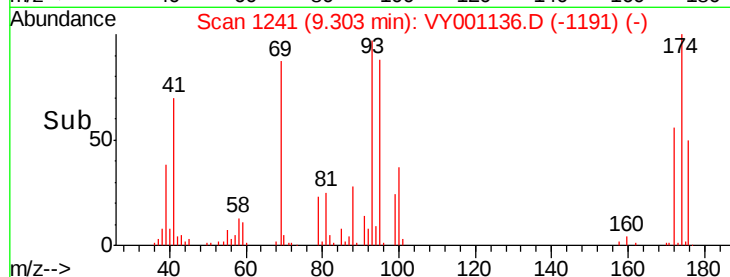
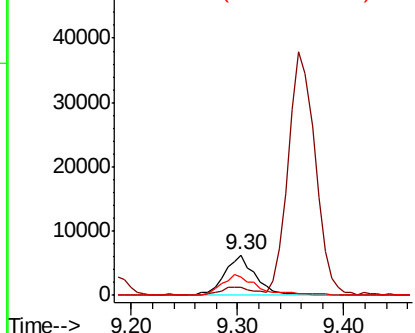
#49
 1,4-Dioxane
 Concen: 392.186 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion: 88 Resp: 12622
 Ion Ratio Lower Upper
 88 100
 43 22.4 19.0 28.4
 58 60.2 48.2 72.4

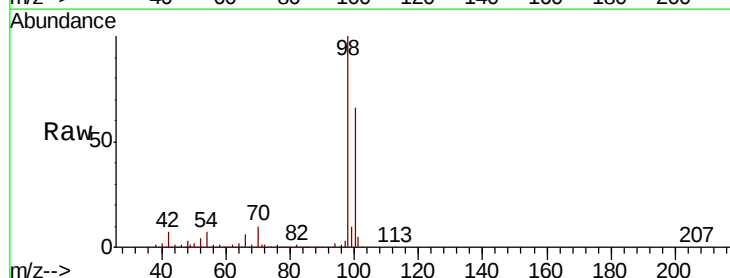


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

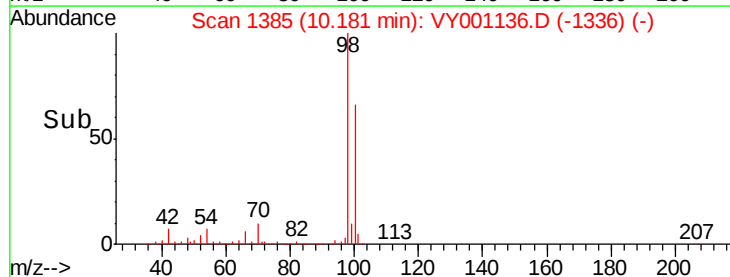
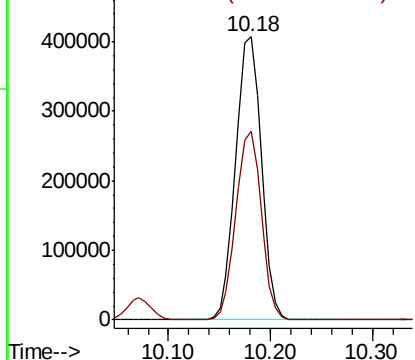


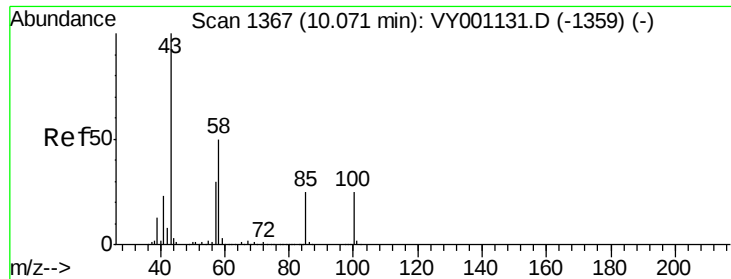
#50
 Toluene-d8
 Concen: 56.247 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion: 98 Resp: 712084
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.2 79.8



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

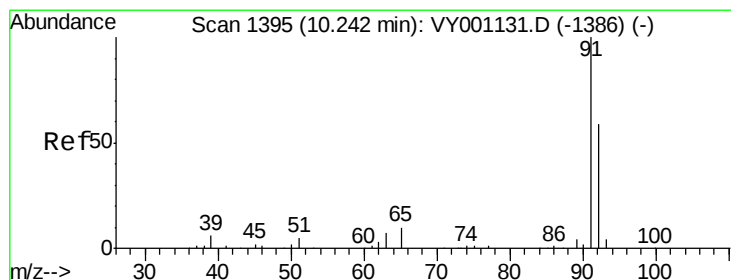
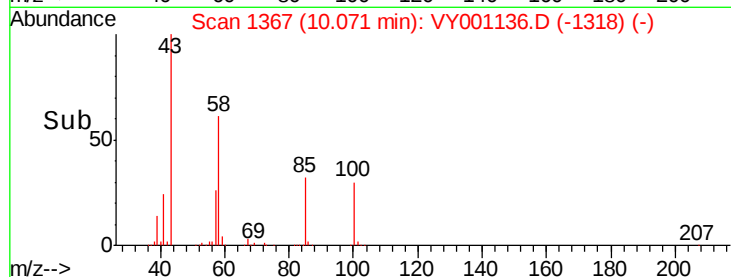
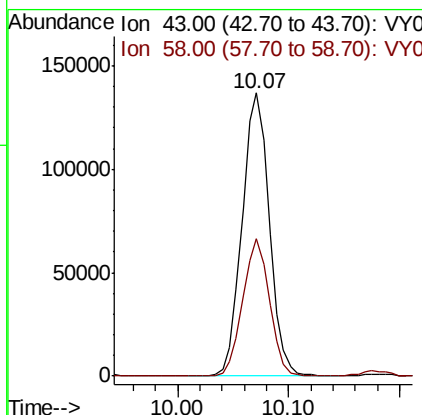
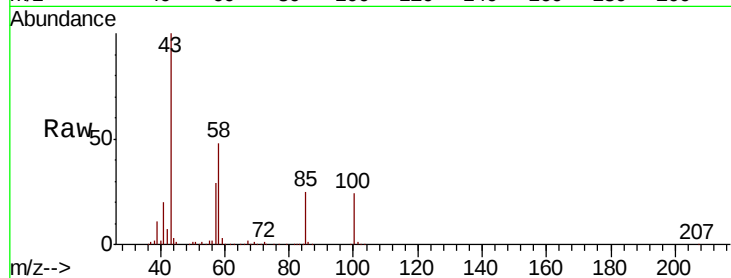




#51
 4-Methyl-2-Pentanone
 Concen: 113.444 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

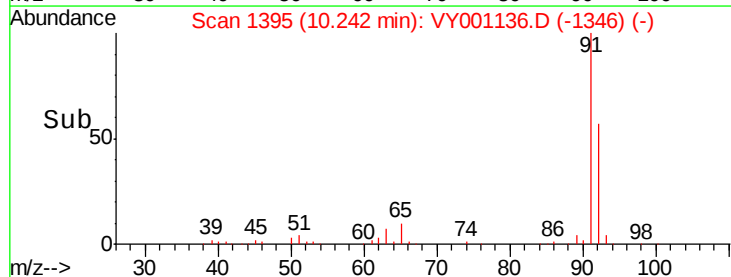
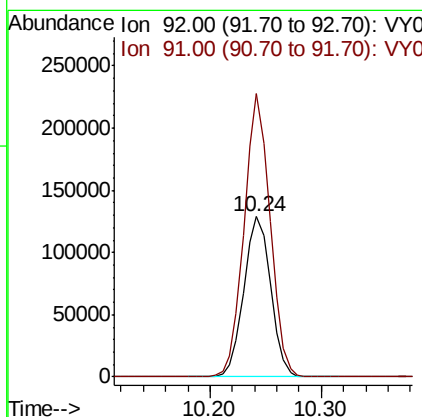
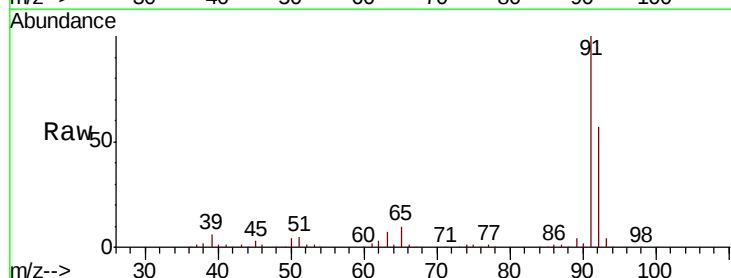
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

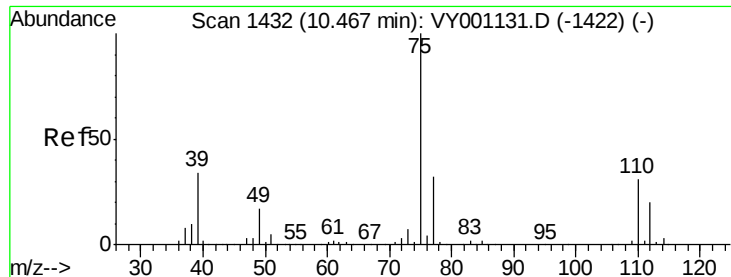
Tot Ion: 43 Resp: 232290
 Ion Ratio Lower Upper
 43 100
 58 47.8 39.1 58.7



#52
 Toluene
 Concen: 21.628 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion: 92 Resp: 215449
 Ion Ratio Lower Upper
 92 100
 91 171.5 137.6 206.4

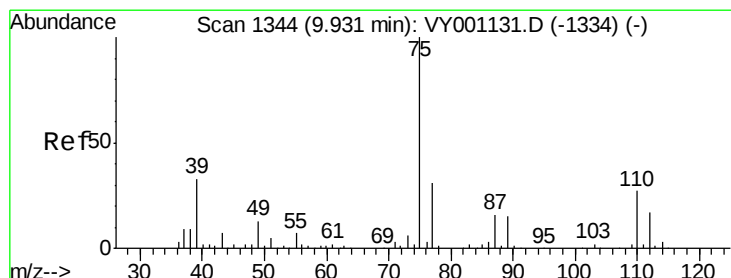
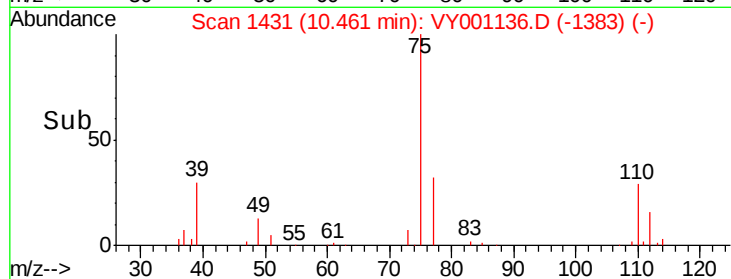
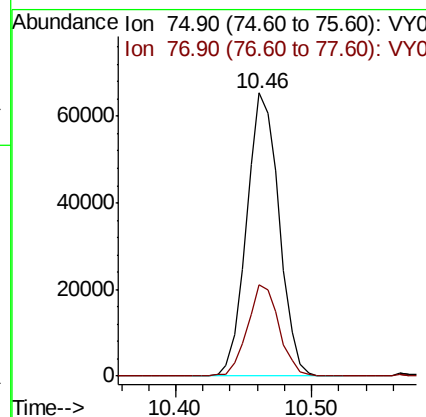
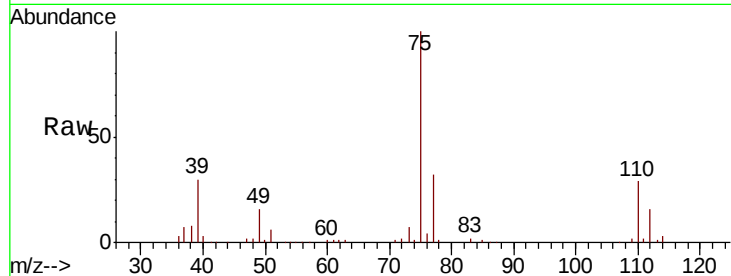




#53
 t-1,3-Dichloropropene
 Concen: 21.697 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

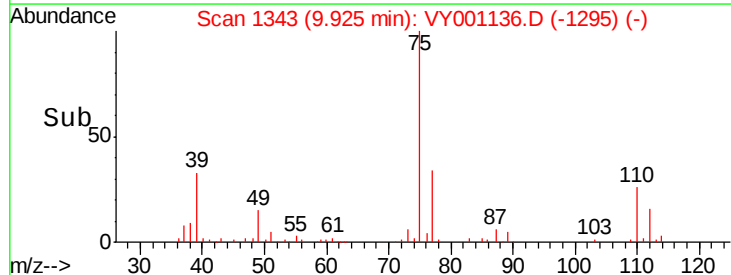
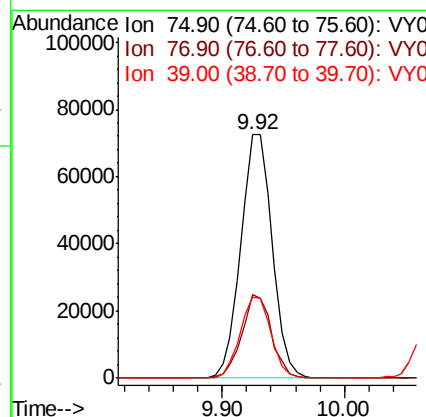
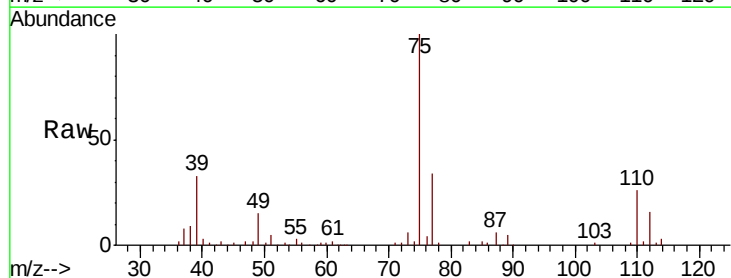
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

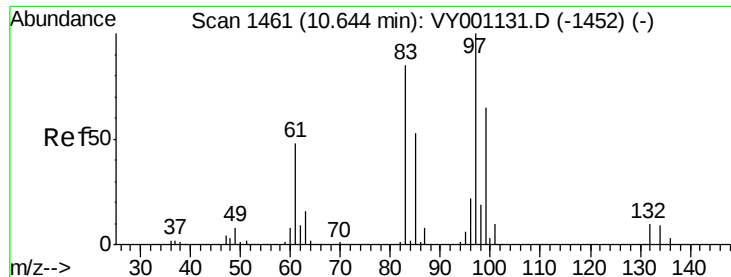
Tot Ion: 75 Resp: 109113
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 21.849 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion: 75 Resp: 129074
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.6 37.0
 39 33.4 26.2 39.4



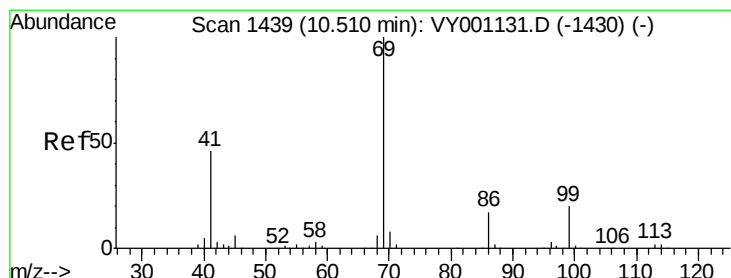
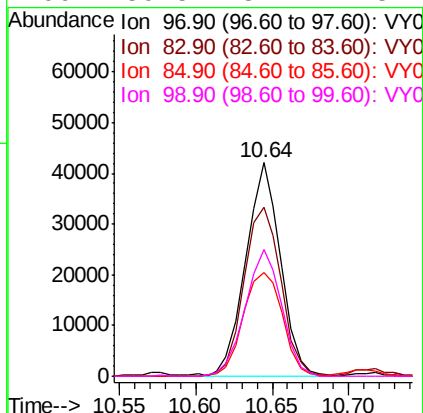
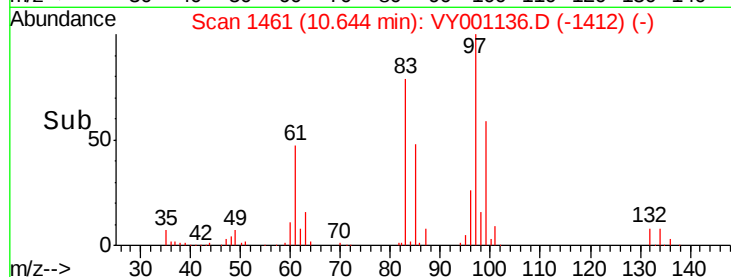
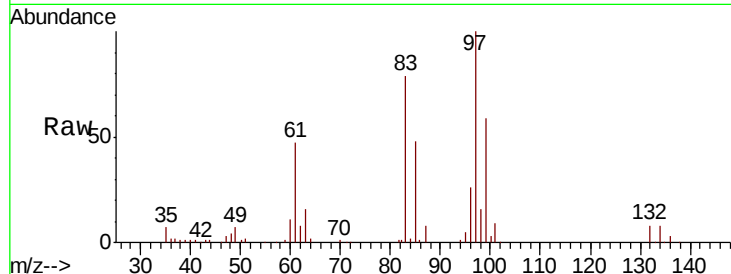


#55
 1,1,2-Trichloroethane
 Concen: 21.426 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion: 97 Resp: 66273

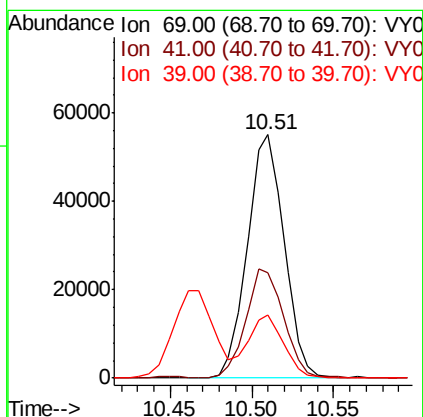
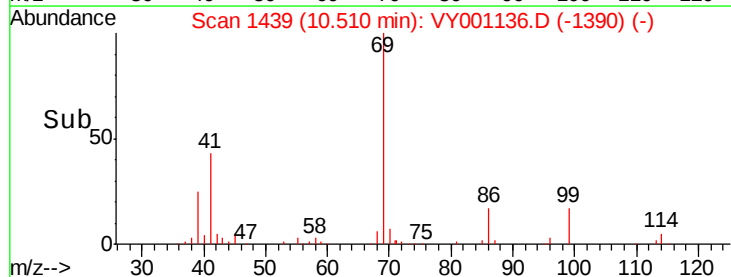
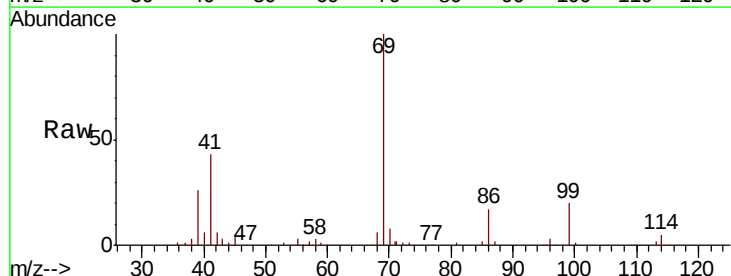
Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.7	101.5
85	48.6	42.7	64.1
99	59.5	52.2	78.2

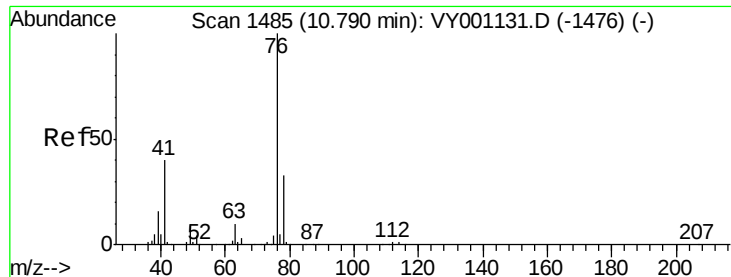


#56
 Ethyl methacrylate
 Concen: 21.892 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion: 69 Resp: 86786

Ion	Ratio	Lower	Upper
69	100		
41	46.0	37.5	56.3
39	25.4	19.0	28.6





#57

1,3-Dichloropropane

Concen: 22.468 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

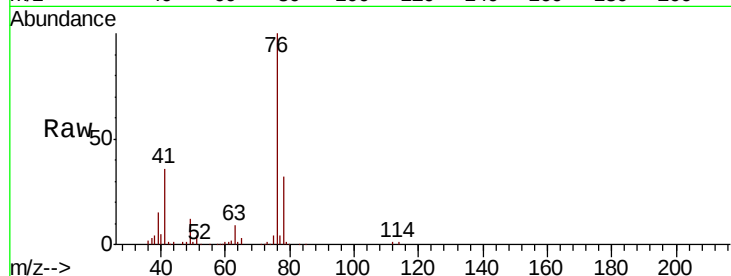
VY0102SBS01

Tot Ion: 76 Resp: 108569

Ion Ratio Lower Upper

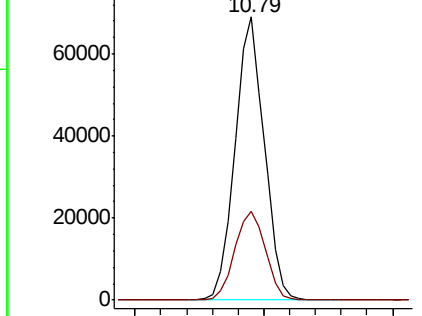
76 100

78 32.7 26.2 39.2

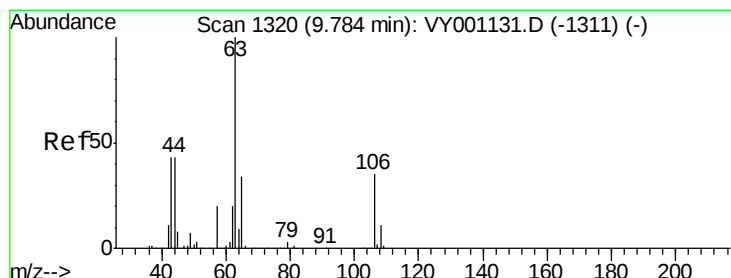
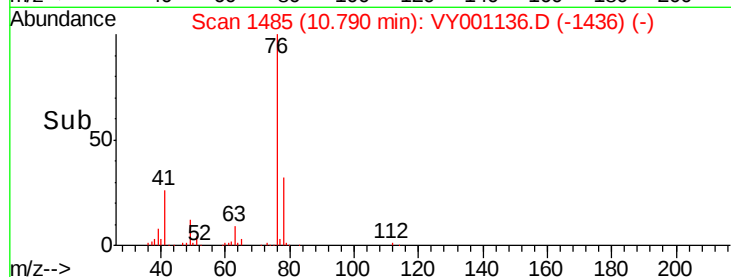


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 108.876 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001136.D

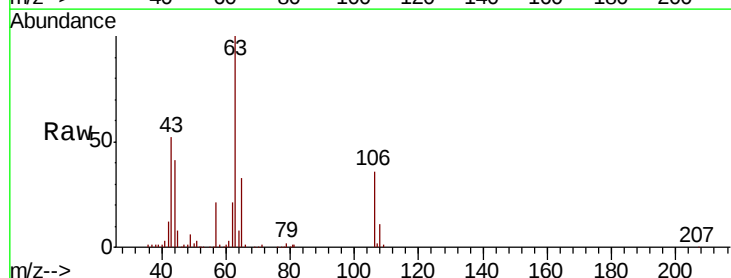
Acq: 02 Jan 2020 16:03

Tgt Ion: 63 Resp: 154688

Ion Ratio Lower Upper

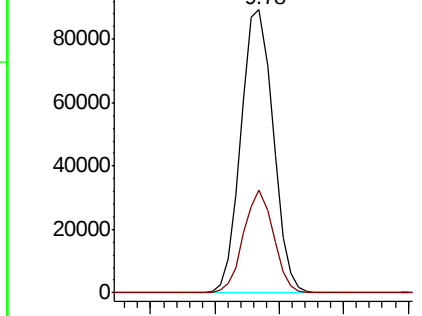
63 100

106 33.7 28.0 42.0

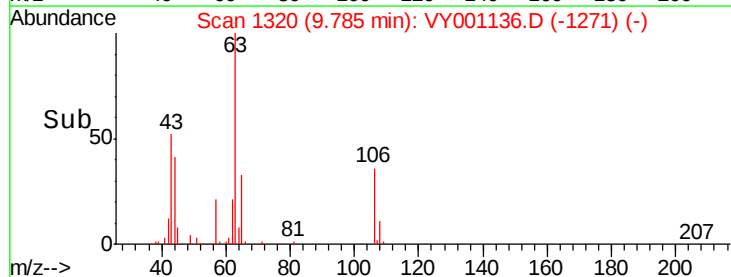


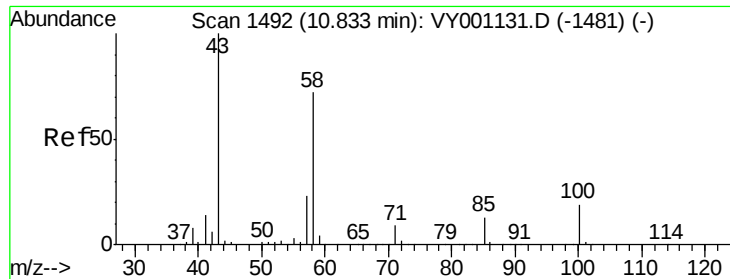
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.70 9.75 9.80 9.85





#59

2-Hexanone

Concen: 112.859 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

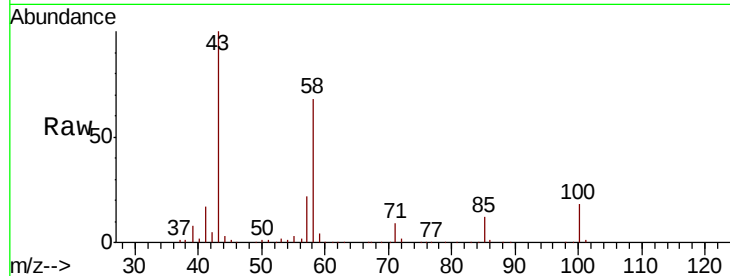
VY0102SBS01

Tot Ion: 43 Resp: 156129

Ion Ratio Lower Upper

43 100

58 69.0 34.4 103.3

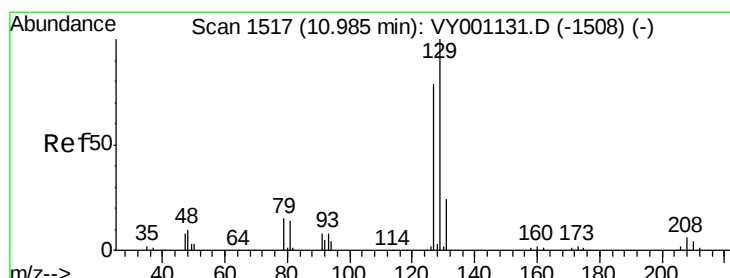
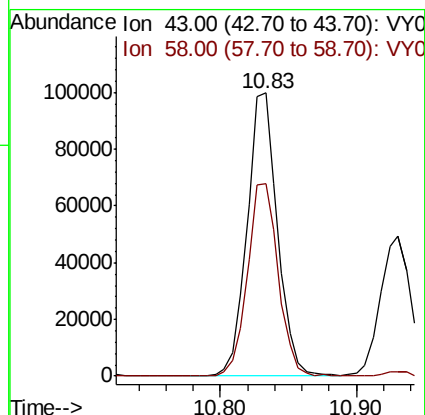
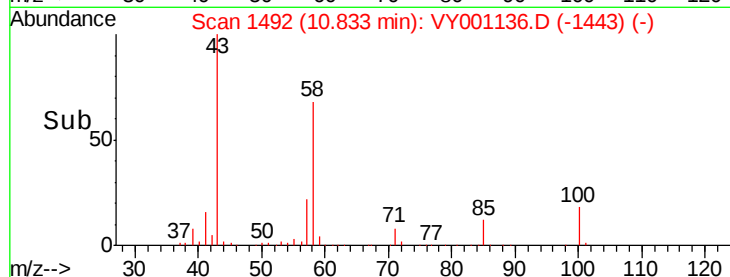


Abundance Ion 43.00 (42.70 to 43.70): VY001131.D (-1481) (-)

Ion 58.00 (57.70 to 58.70): VY001131.D (-1481) (-)

10.83

10.90



#60

Dibromochloromethane

Concen: 21.684 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY001136.D

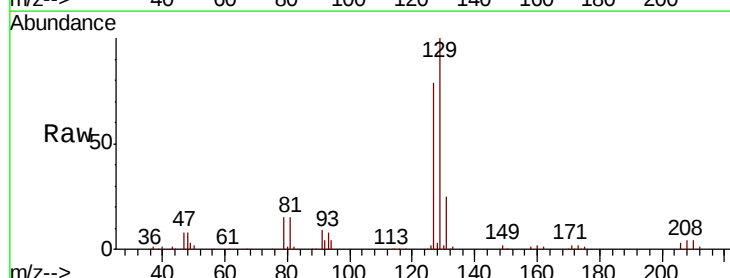
Acq: 02 Jan 2020 16:03

Tgt Ion:129 Resp: 76801

Ion Ratio Lower Upper

129 100

127 76.4 38.5 115.5

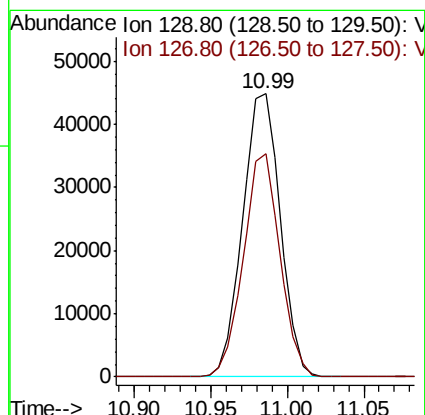
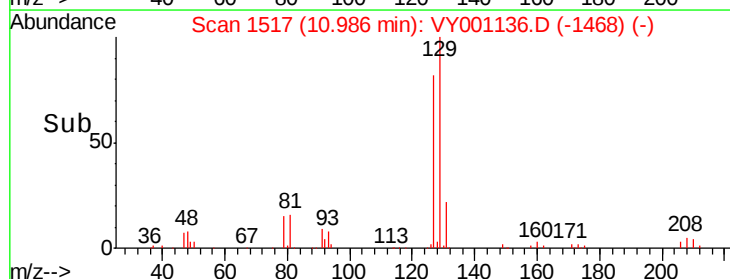


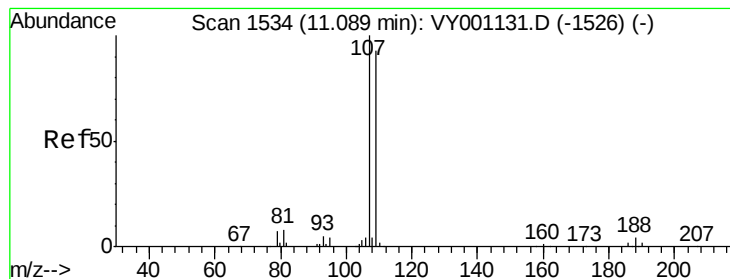
Abundance Ion 128.80 (128.50 to 129.50): VY001131.D (-1508) (-)

Ion 126.80 (126.50 to 127.50): VY001131.D (-1508) (-)

10.99

11.05





#61

1,2-Dibromoethane

Concen: 21.661 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

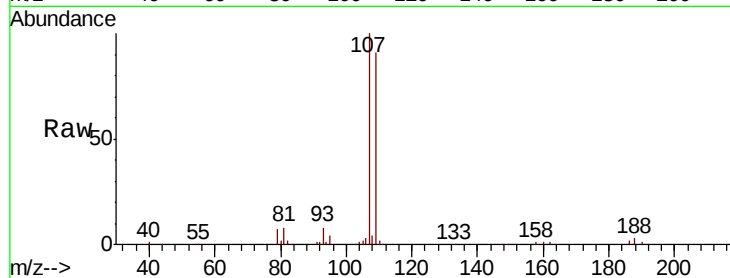
VY0102SBS01

Tot Ion:107 Resp: 65147

Ion Ratio Lower Upper

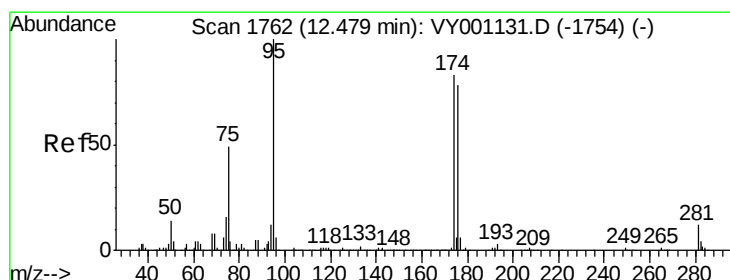
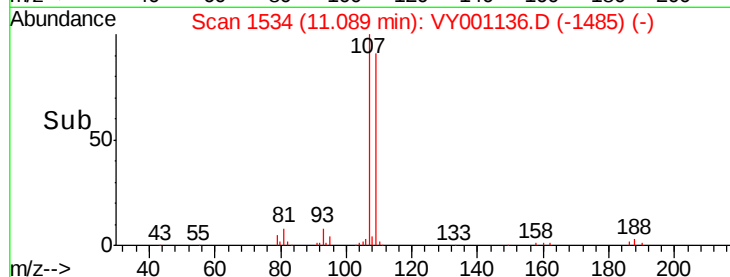
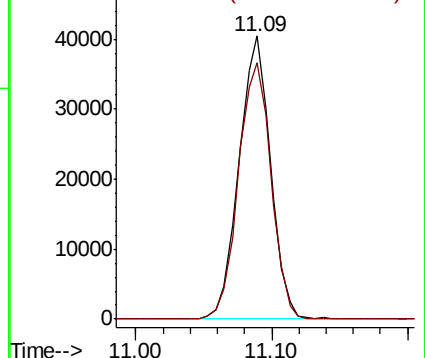
107 100

109 93.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.904 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

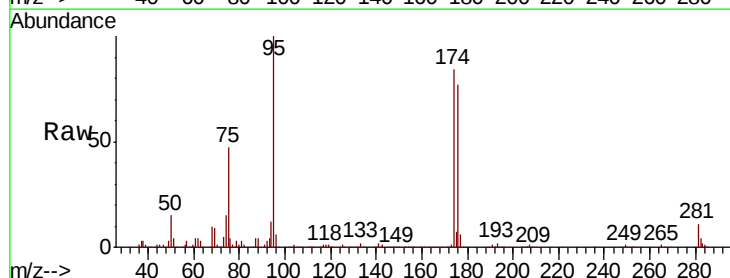
Tgt Ion: 95 Resp: 235453

Ion Ratio Lower Upper

95 100

174 84.3 0.0 171.8

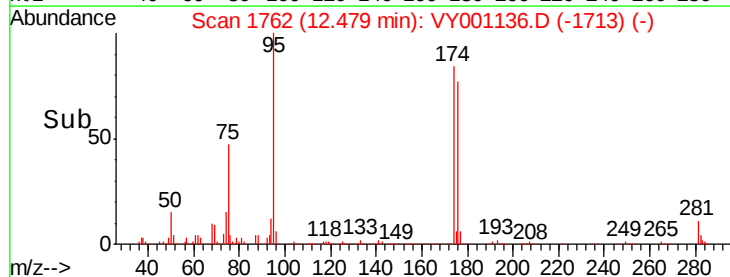
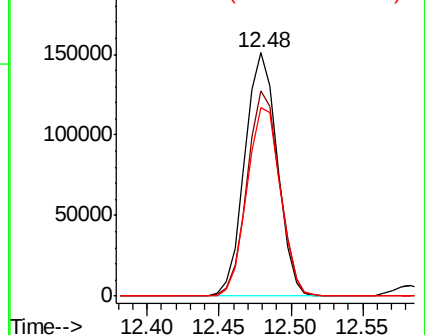
176 79.6 0.0 163.6

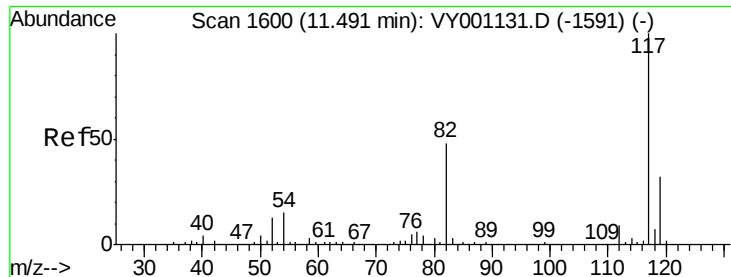


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

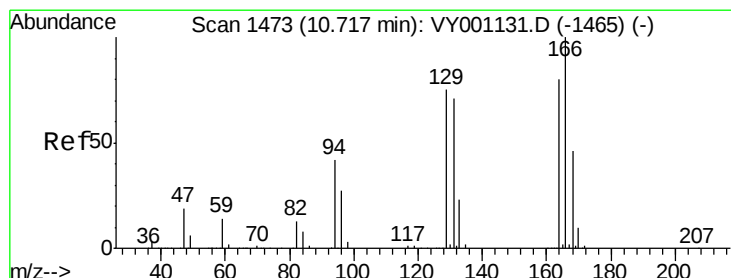
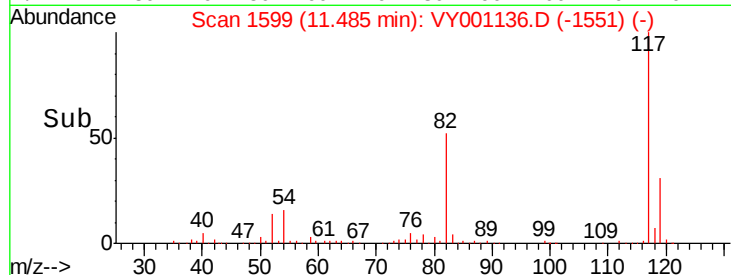
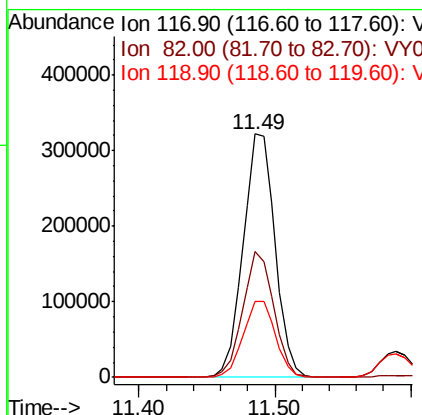
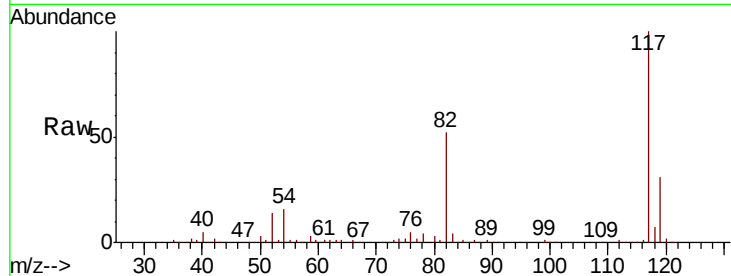




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

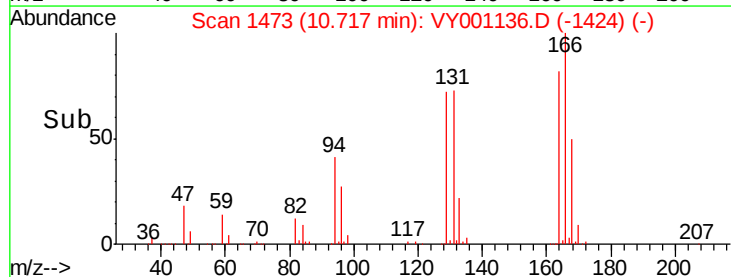
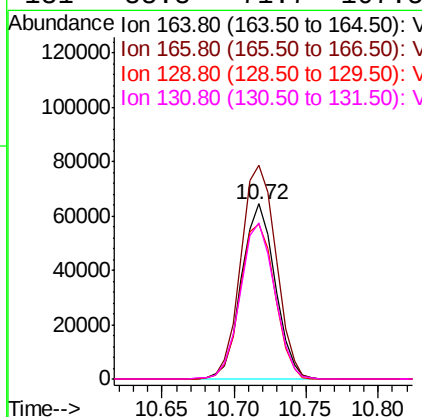
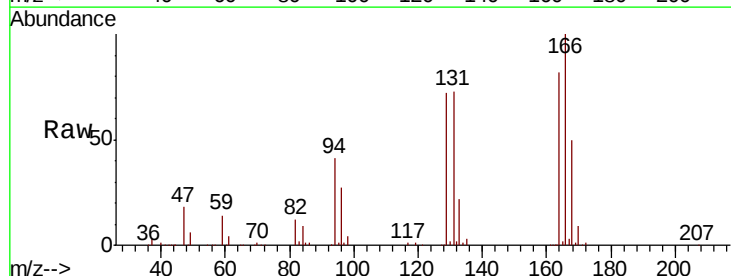
Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

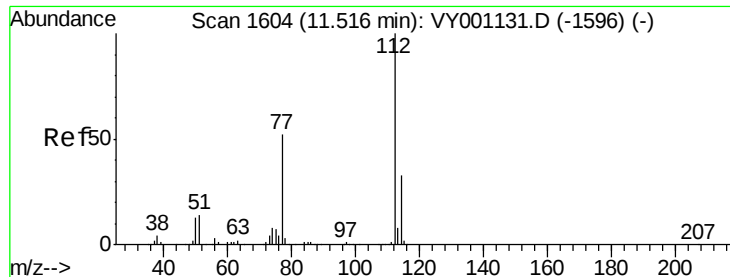
Tot Ion:117 Resp: 527110
Ion Ratio Lower Upper
117 100
82 51.6 38.5 57.7
119 31.0 25.9 38.9



#64
Tetrachloroethene
Concen: 21.146 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion:164 Resp: 104588
Ion Ratio Lower Upper
164 100
166 122.0 100.6 151.0
129 88.3 75.0 112.4
131 88.8 71.7 107.5

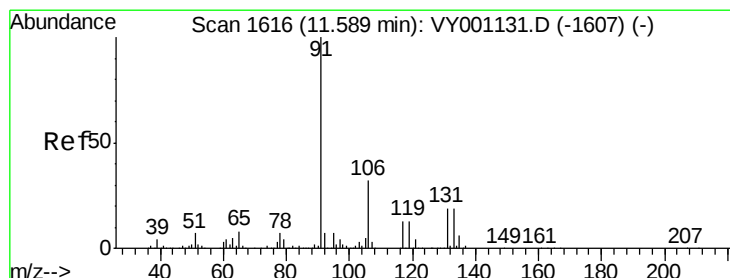
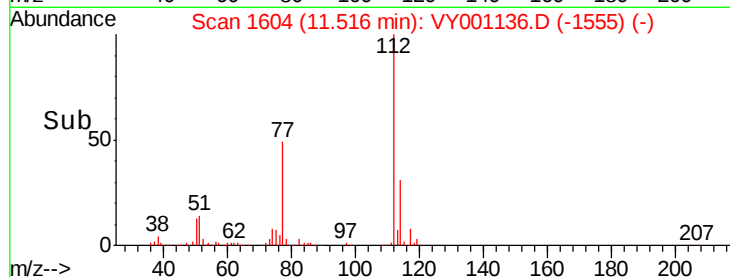
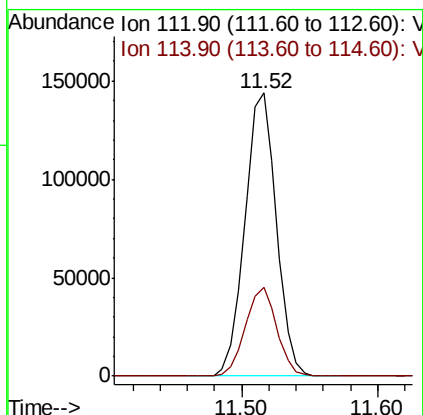
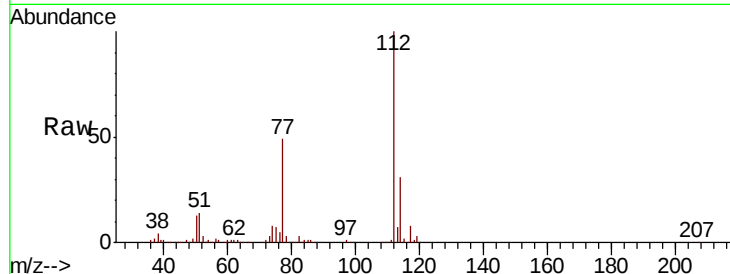




#65
Chlorobenzene
Concen: 20.773 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

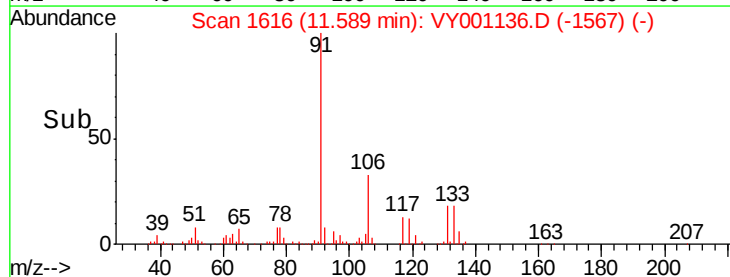
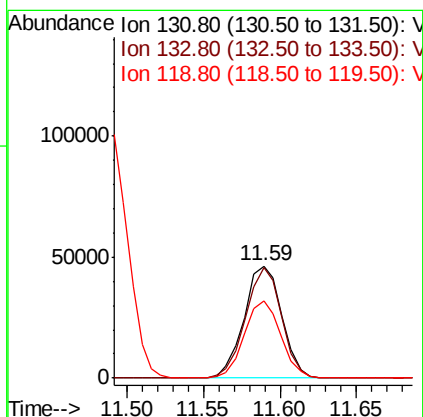
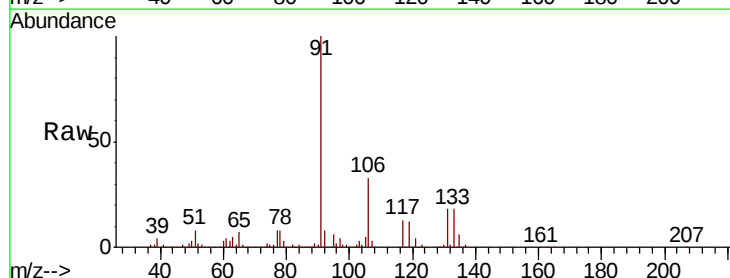
Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

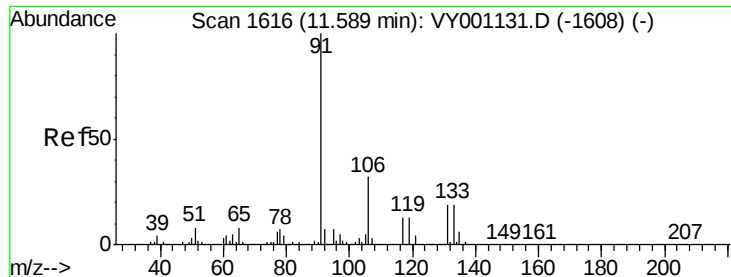
Tot Ion:112 Resp: 232882
Ion Ratio Lower Upper
112 100
114 31.4 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.038 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion:131 Resp: 79164
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 20.744 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

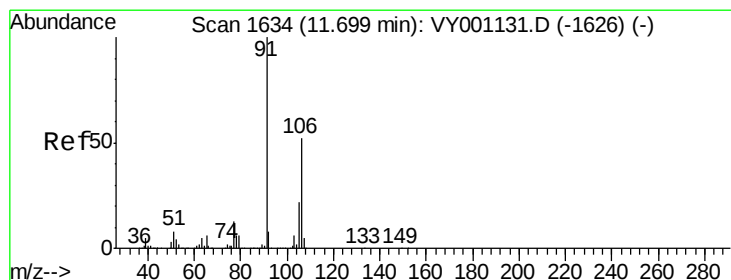
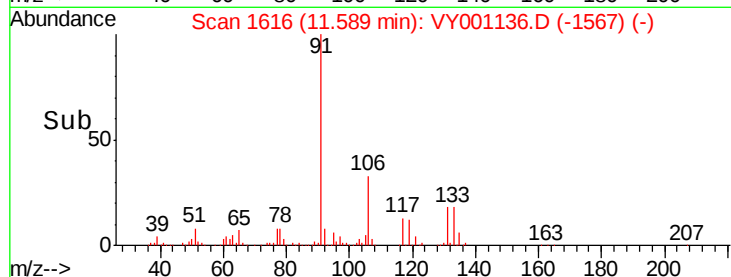
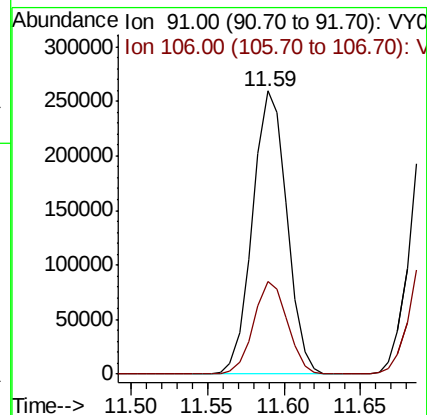
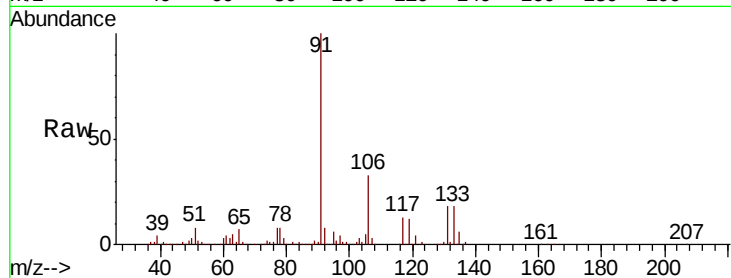
VY0102SBS01

Tot Ion: 91 Resp: 405201

Ion Ratio Lower Upper

91 100

106 32.9 25.9 38.9



#68

m/p-Xylenes

Concen: 40.552 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001136.D

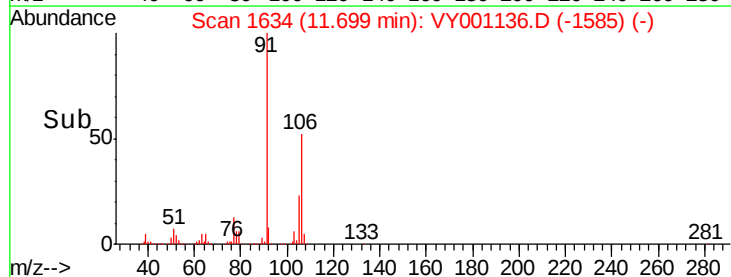
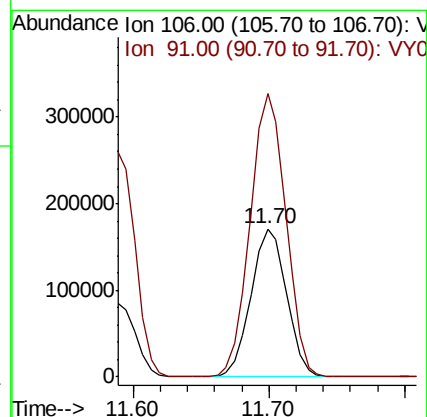
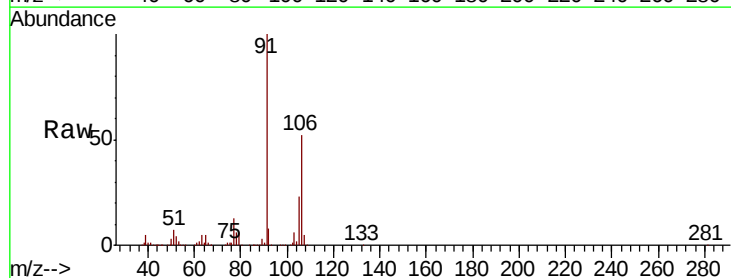
Acq: 02 Jan 2020 16:03

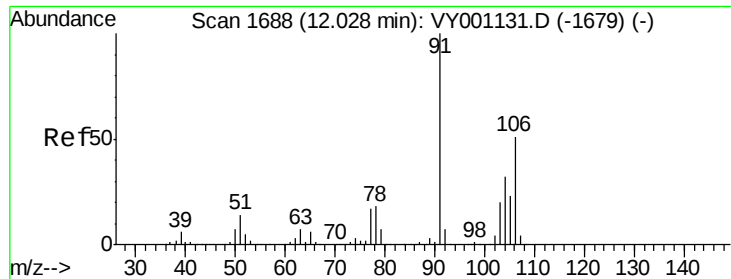
Tgt Ion: 106 Resp: 313195

Ion Ratio Lower Upper

106 100

91 192.6 154.3 231.5

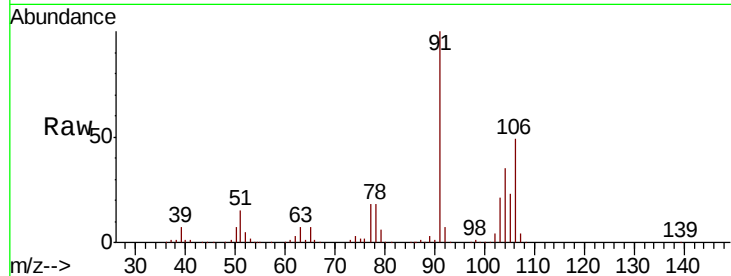




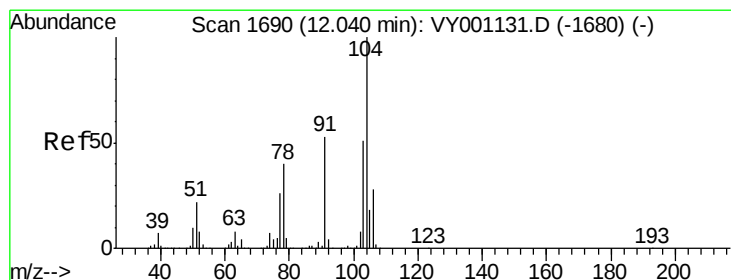
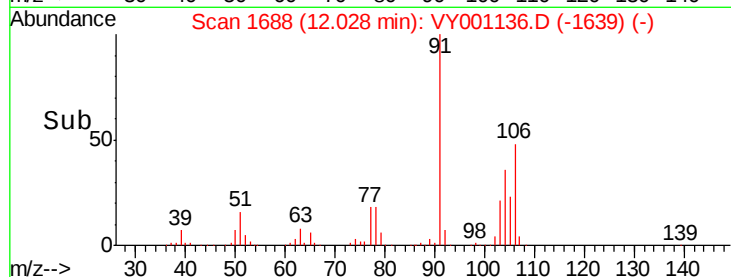
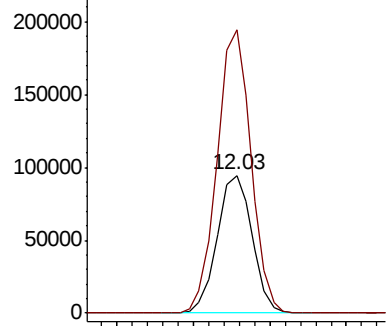
#69
o-Xylene
Concen: 20.431 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion:106 Resp: 149812
Ion Ratio Lower Upper
106 100
91 200.0 100.8 302.4

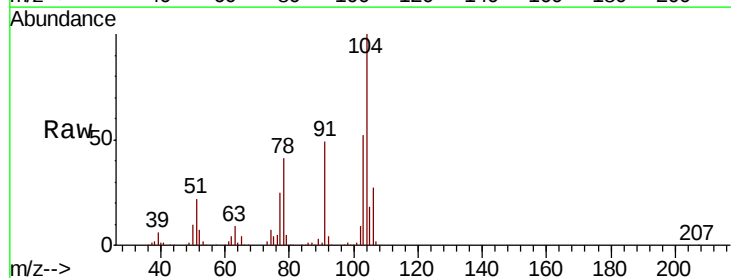


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

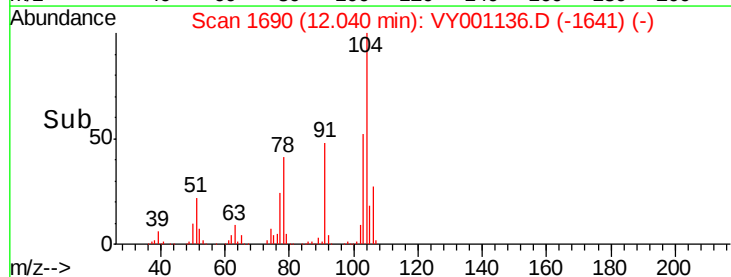
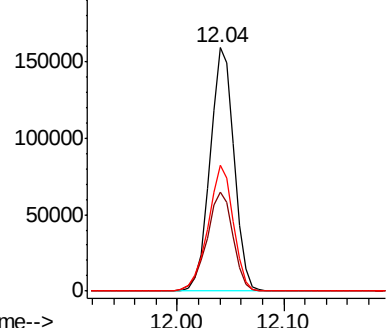


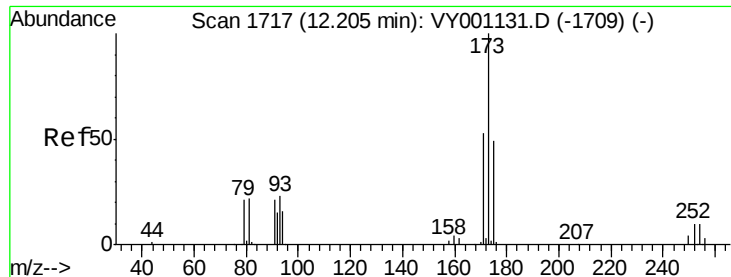
#70
Styrene
Concen: 20.292 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion:104 Resp: 251846
Ion Ratio Lower Upper
104 100
78 44.0 34.7 52.1
103 54.3 42.6 64.0



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: 18.883 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

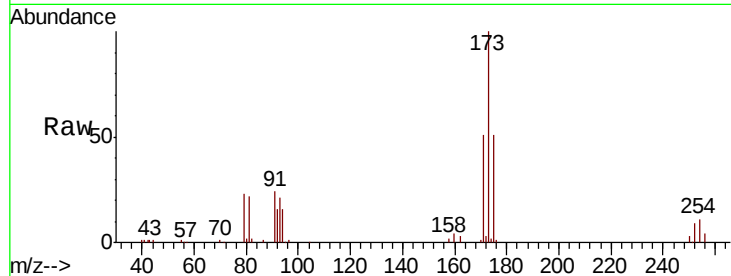
Tot Ion:173 Resp: 43924

Ion Ratio Lower Upper

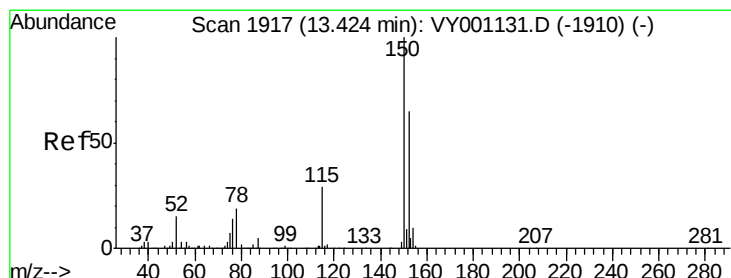
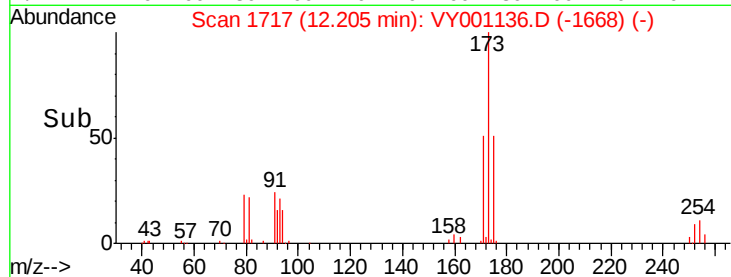
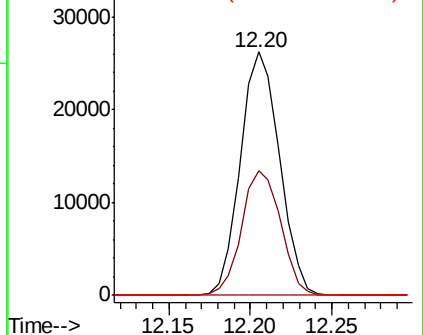
173 100

175 51.0 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

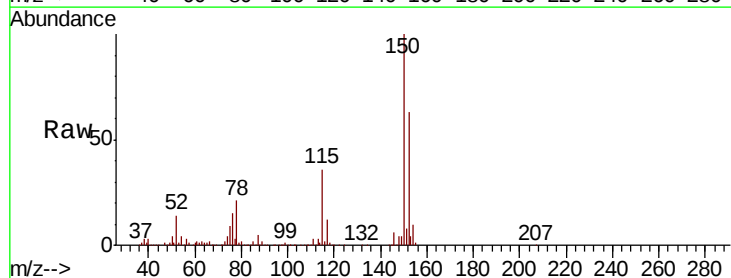
Tgt Ion:152 Resp: 243528

Ion Ratio Lower Upper

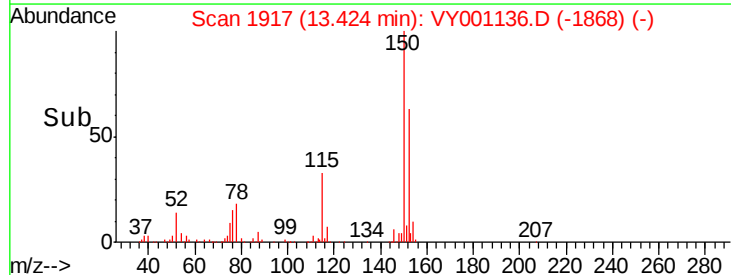
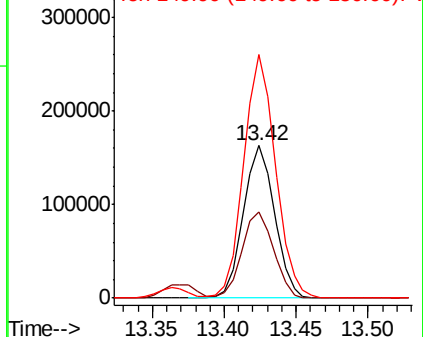
152 100

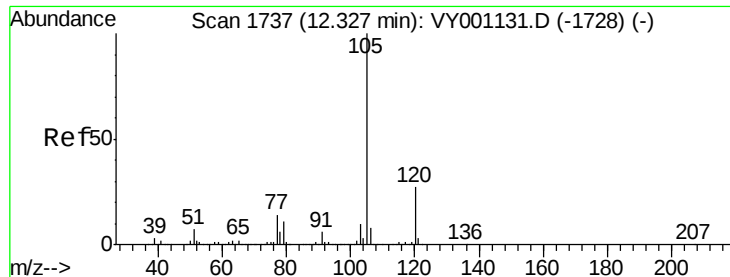
115 57.4 27.7 83.0

150 163.8 0.0 342.6



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





#73

Isopropylbenzene

Concen: 21.145 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

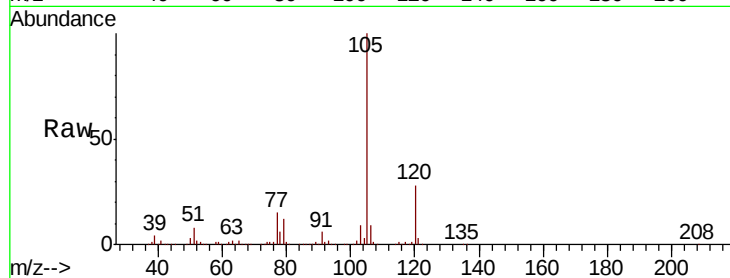
VY0102SBS01

Tot Ion:105 Resp: 388308

Ion Ratio Lower Upper

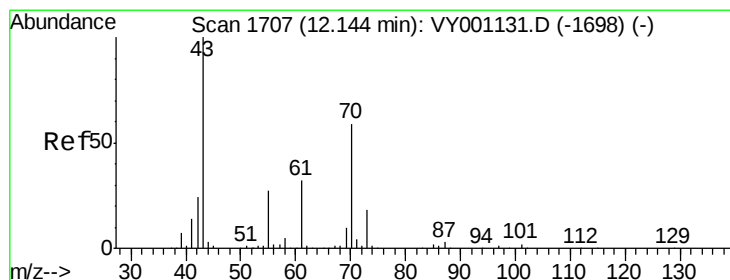
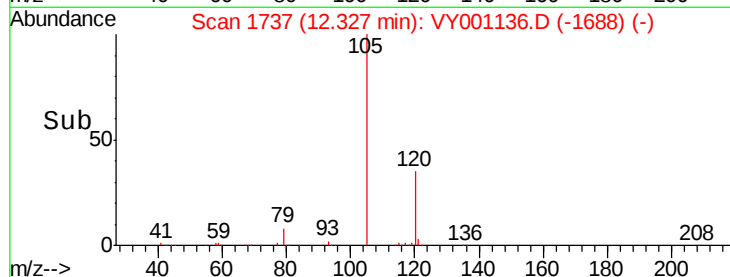
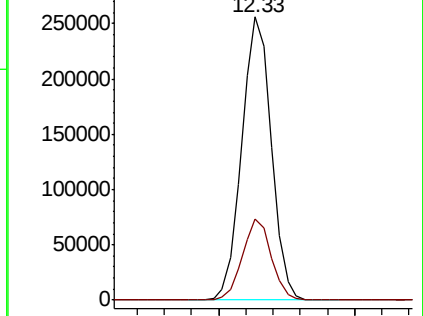
105 100

120 27.9 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.713 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion: 43 Resp: 75602

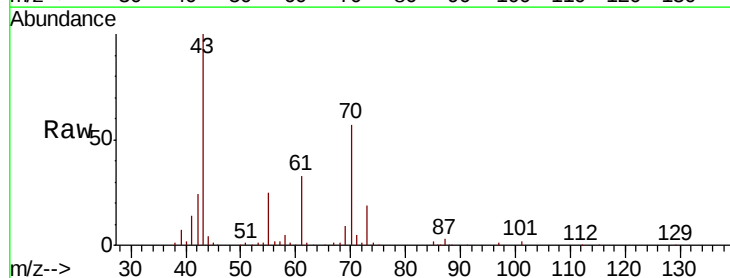
Ion Ratio Lower Upper

43 100

70 57.2 46.2 69.4

55 27.0 21.3 31.9

61 31.1 25.0 37.6

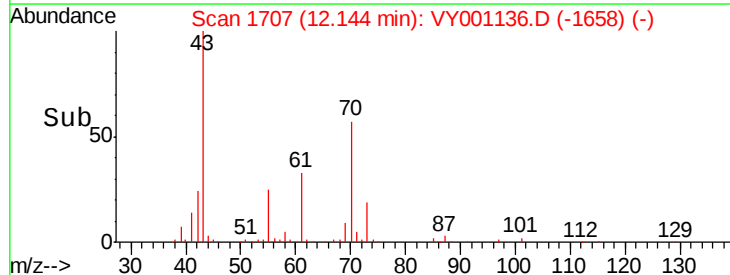
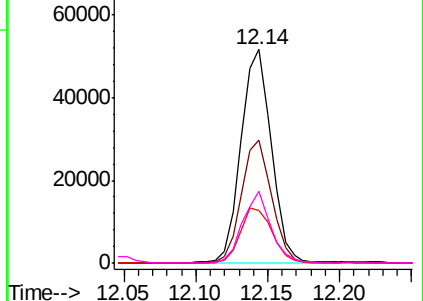


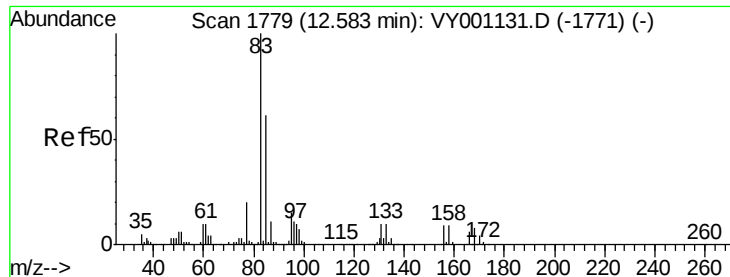
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.035 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

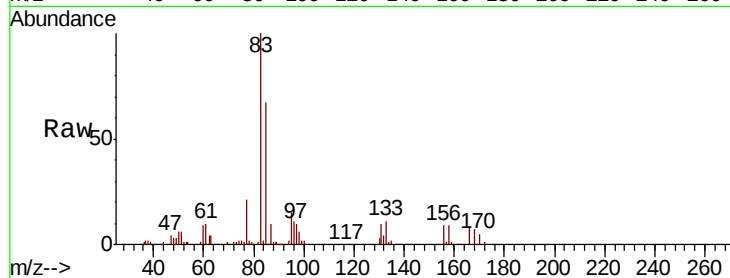
Tot Ion: 83 Resp: 68273

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.5	16.7
85	66.9	32.0	96.0

83 100

131 11.6 5.5 16.7

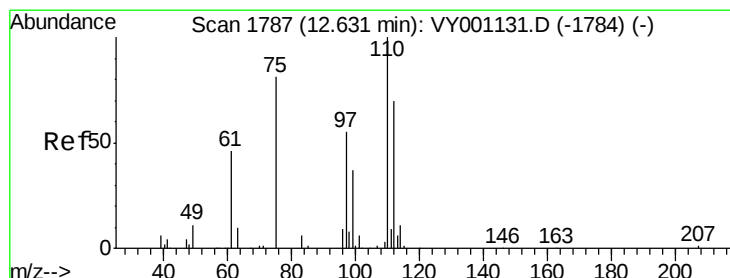
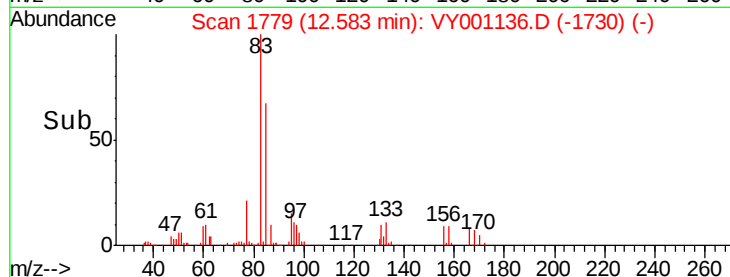
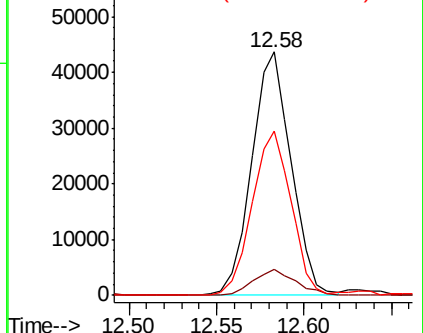
85 66.9 32.0 96.0



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: 36.927 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001136.D

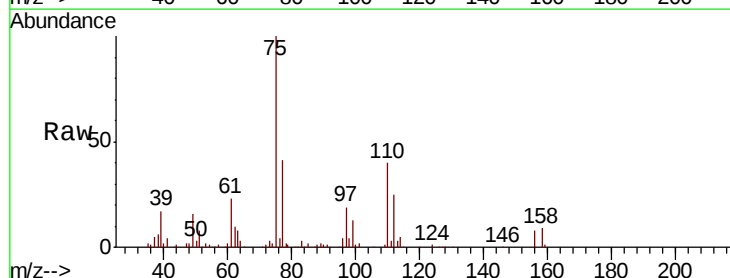
Acq: 02 Jan 2020 16:03

Tgt Ion: 75 Resp: 95125

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

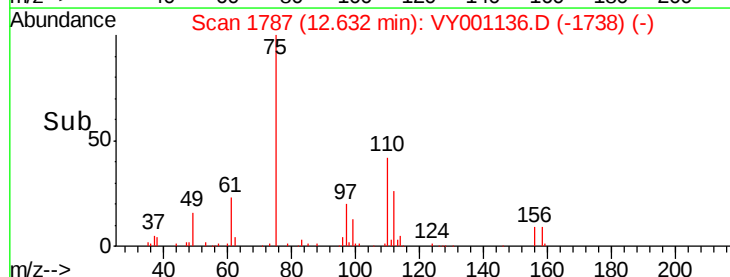
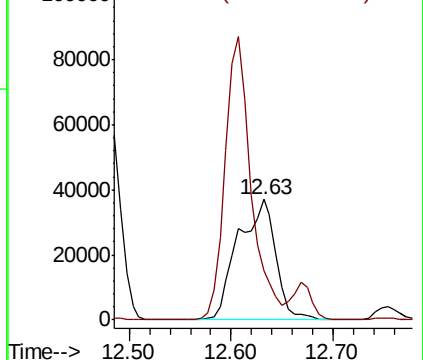
75 100

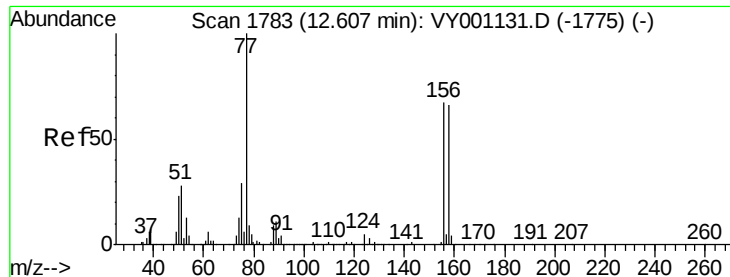
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.648 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

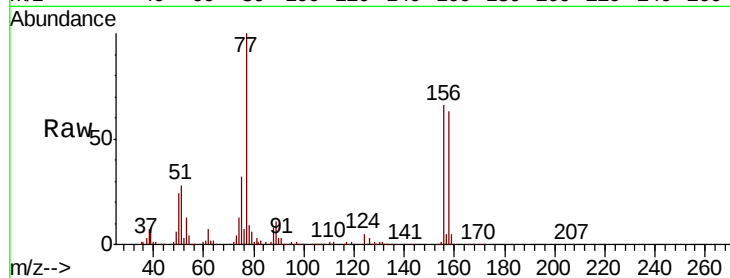
Tot Ion:156 Resp: 91674

Ion Ratio Lower Upper

156 100

77 168.7 85.9 257.7

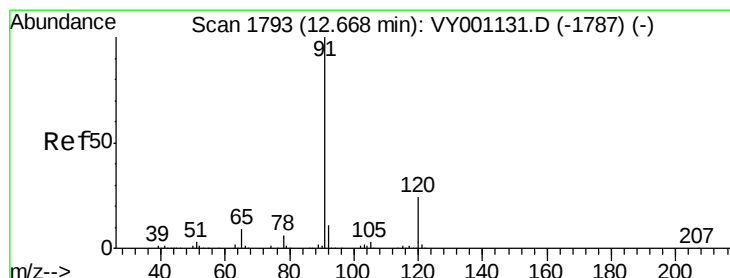
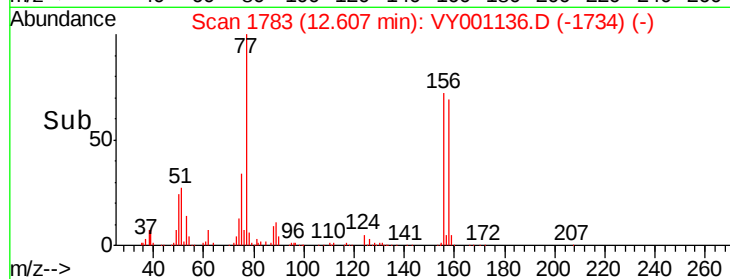
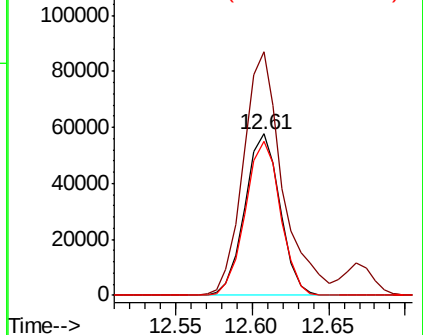
158 95.6 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.375 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001136.D

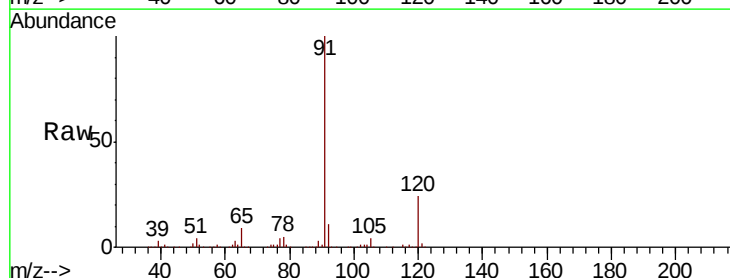
Acq: 02 Jan 2020 16:03

Tgt Ion: 91 Resp: 464124

Ion Ratio Lower Upper

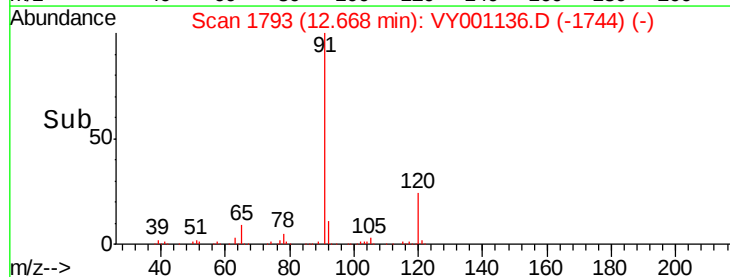
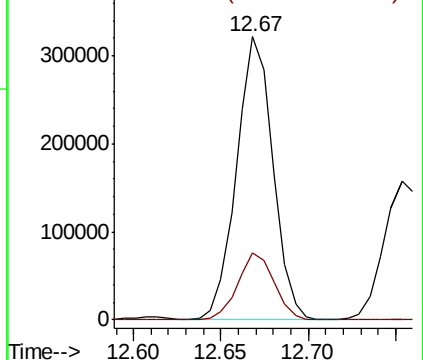
91 100

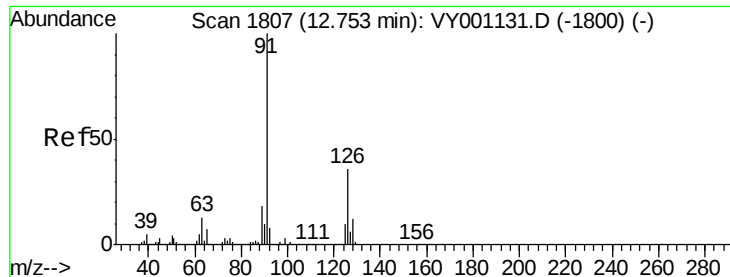
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.011 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

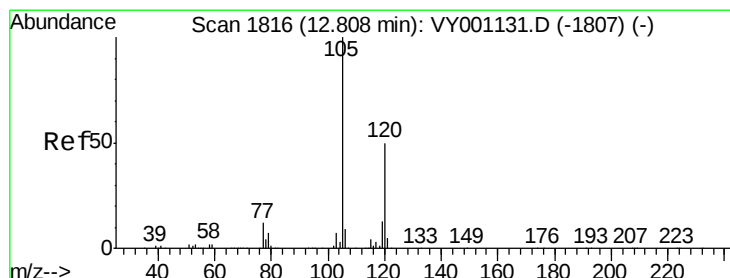
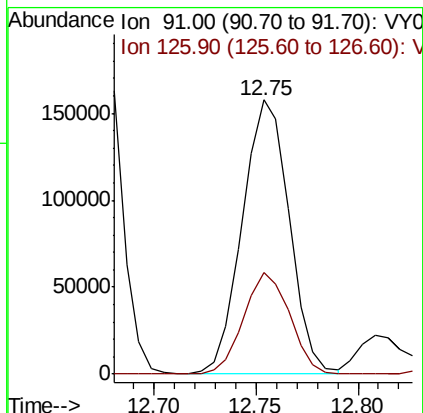
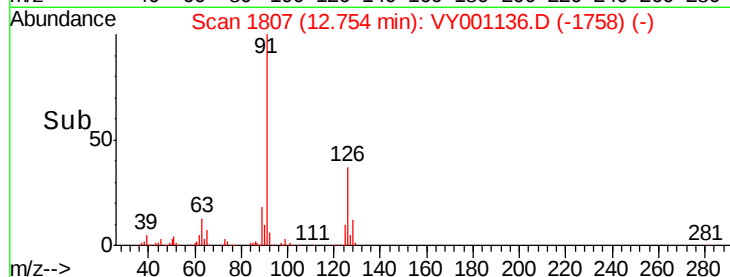
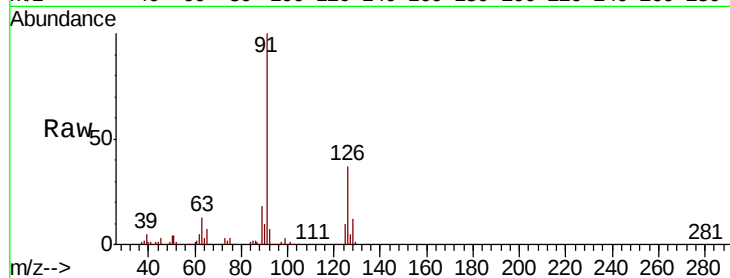
VY0102SBS01

Tot Ion: 91 Resp: 252486

Ion Ratio Lower Upper

91 100

126 36.4 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 20.621 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001136.D

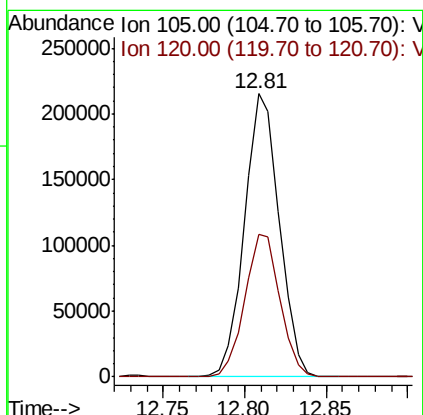
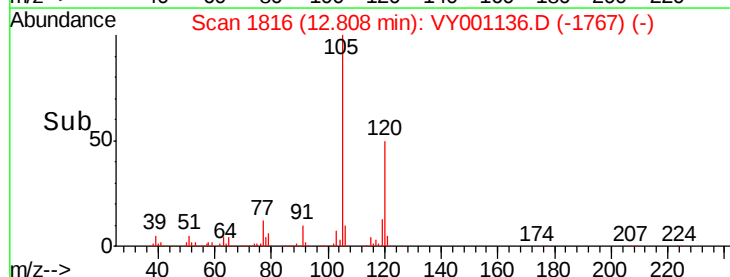
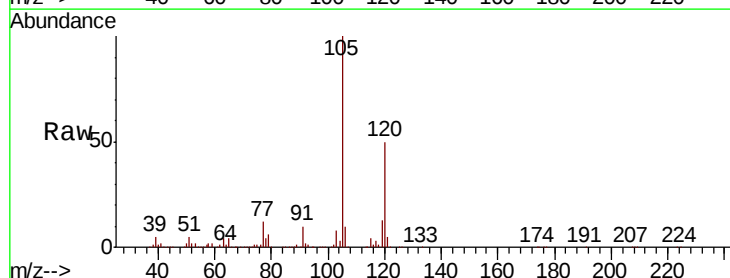
Acq: 02 Jan 2020 16:03

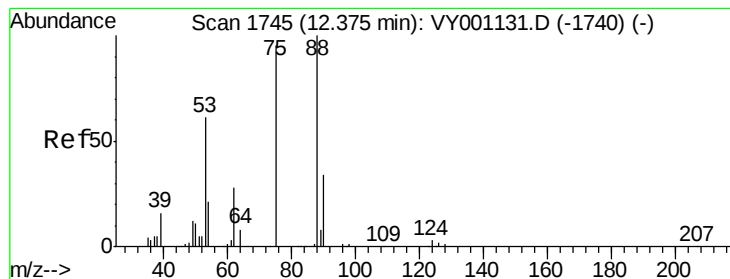
Tgt Ion: 105 Resp: 320357

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 21.052 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

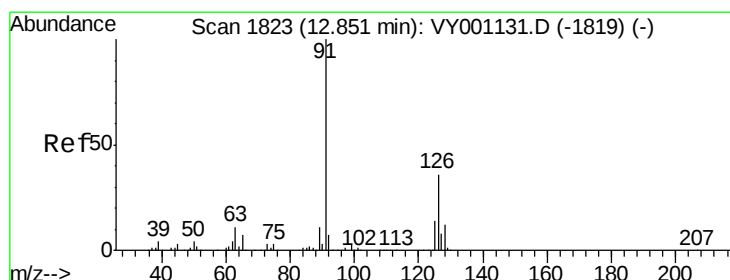
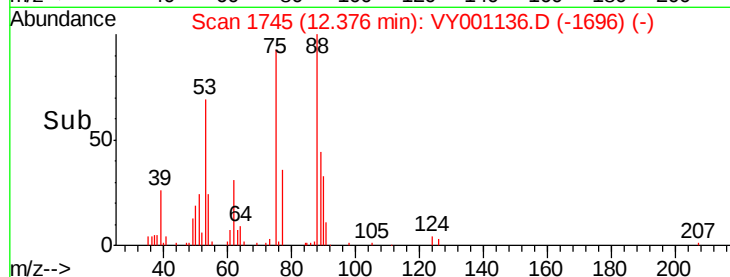
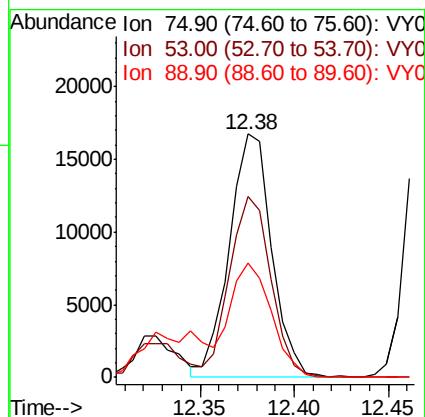
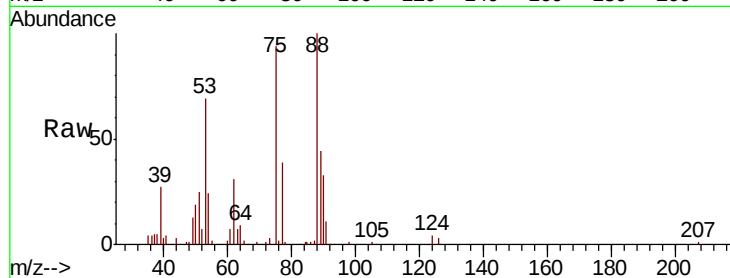
Tot Ion: 75 Resp: 26160

Ion Ratio Lower Upper

75 100

53 72.5 55.6 83.4

89 45.5 34.7 52.1



#82

4-Chlorotoluene

Concen: 21.040 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001136.D

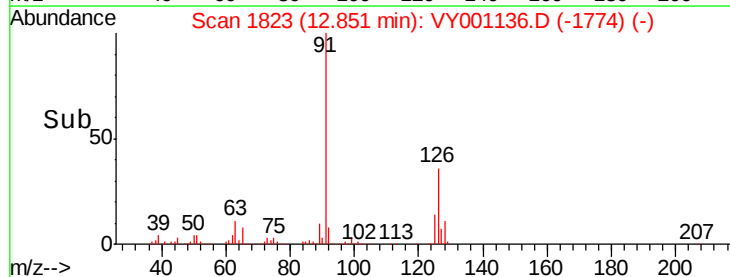
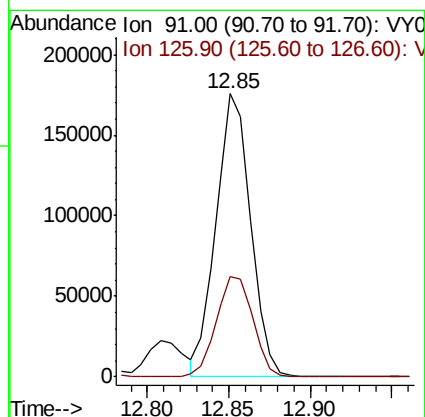
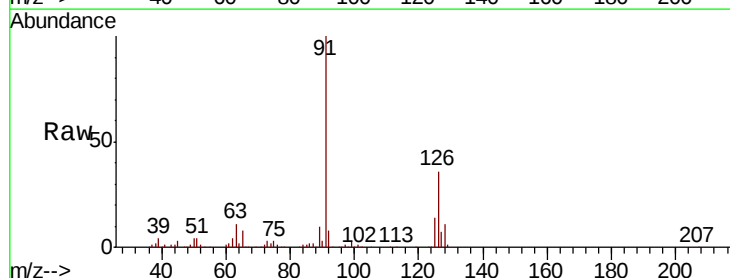
Acq: 02 Jan 2020 16:03

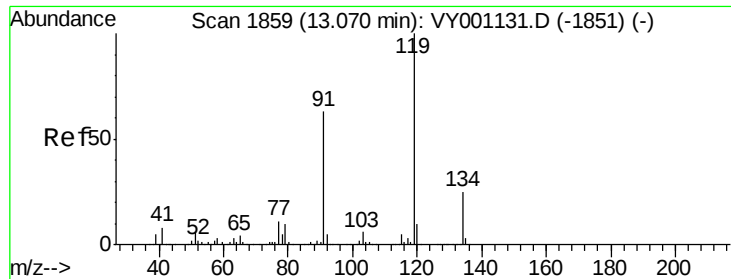
Tgt Ion: 91 Resp: 259879

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0





#83

tert-Butylbenzene

Concen: 20.807 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

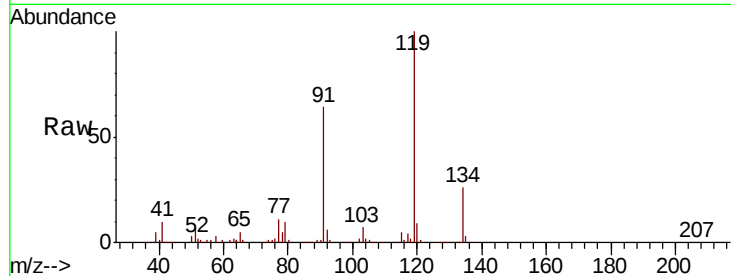
Tot Ion:119 Resp: 275432

Ion Ratio Lower Upper

119 100

91 62.4 30.9 92.7

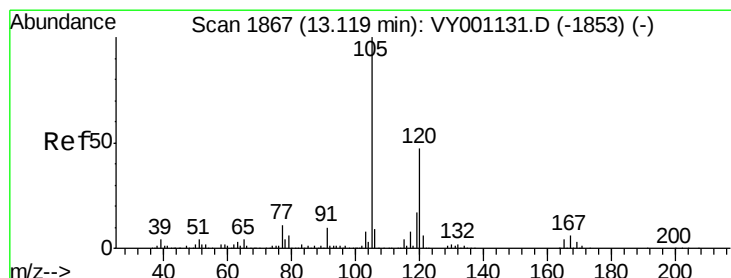
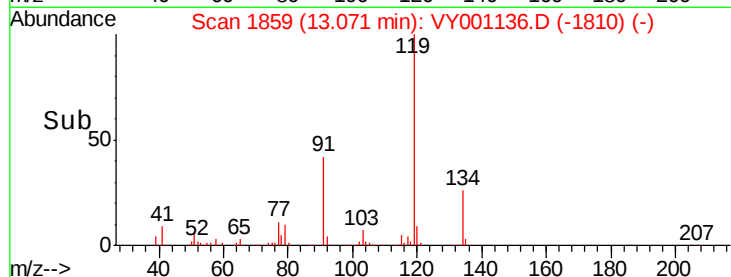
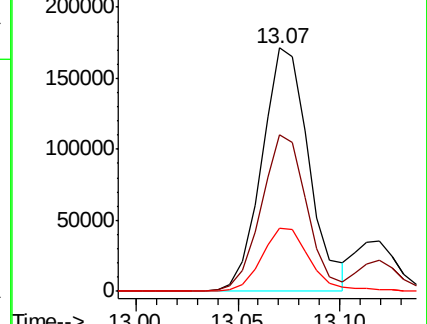
134 26.6 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.671 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY001136.D

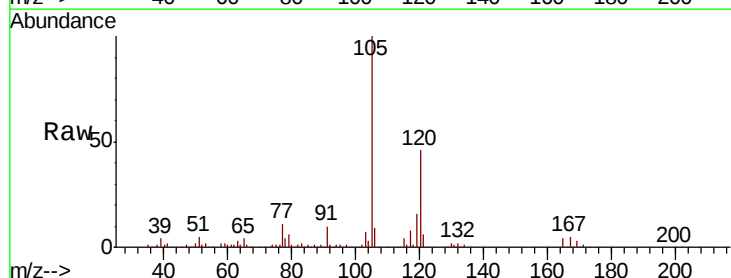
Acq: 02 Jan 2020 16:03

Tgt Ion:105 Resp: 321524

Ion Ratio Lower Upper

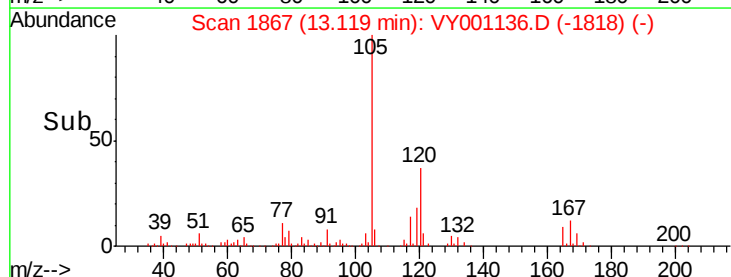
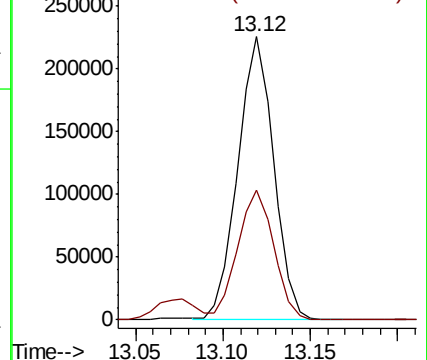
105 100

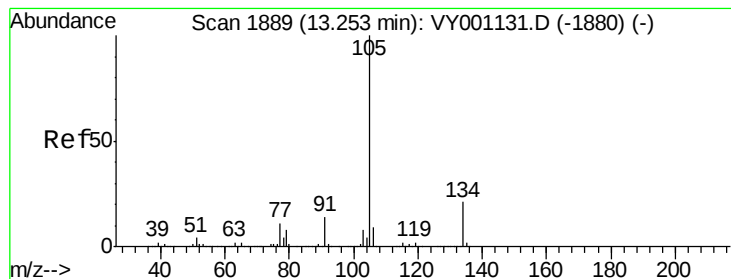
120 46.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.212 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

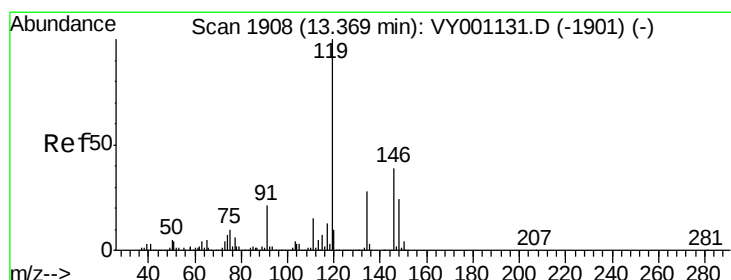
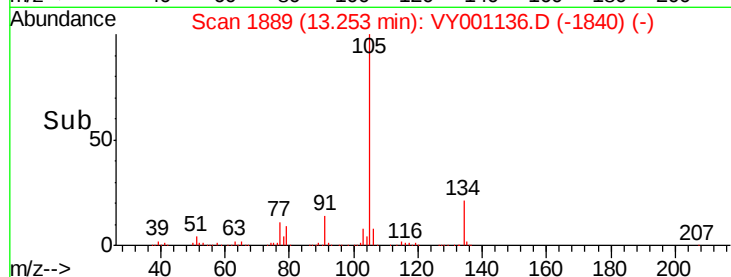
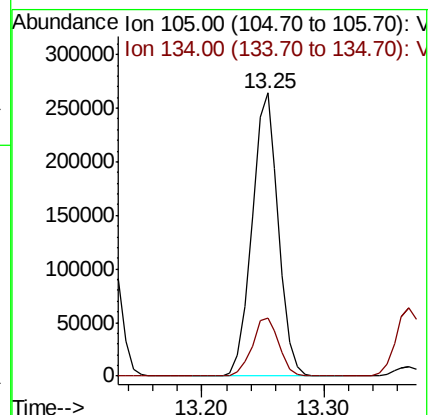
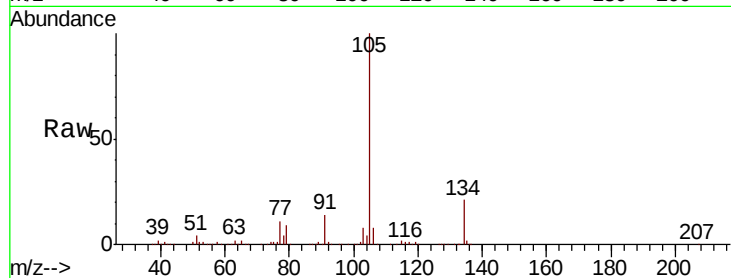
VY0102SBS01

Tot Ion:105 Resp: 393266

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.094 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

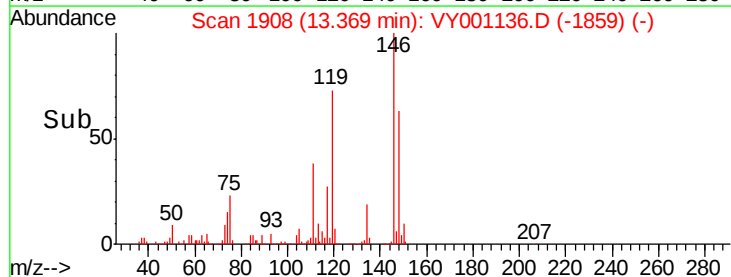
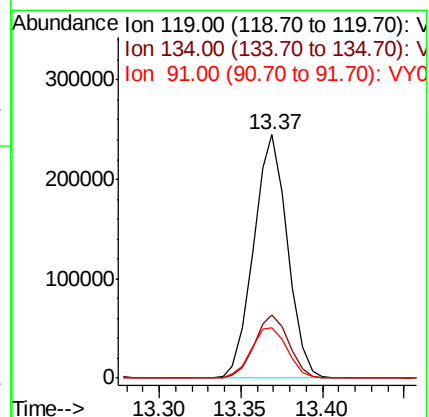
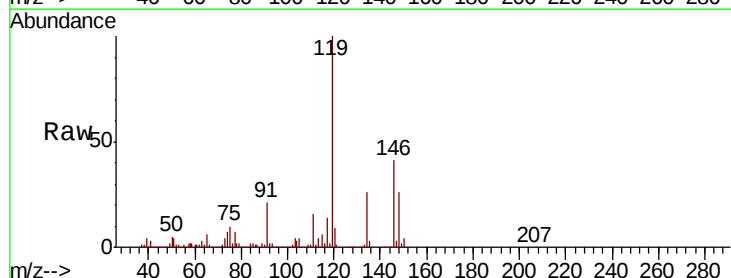
Tgt Ion:119 Resp: 352183

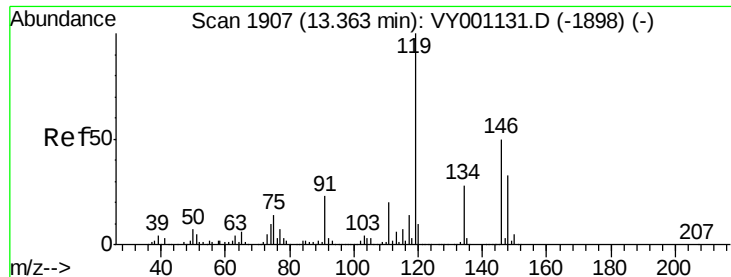
Ion Ratio Lower Upper

119 100

134 26.5 13.8 41.3

91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 20.940 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

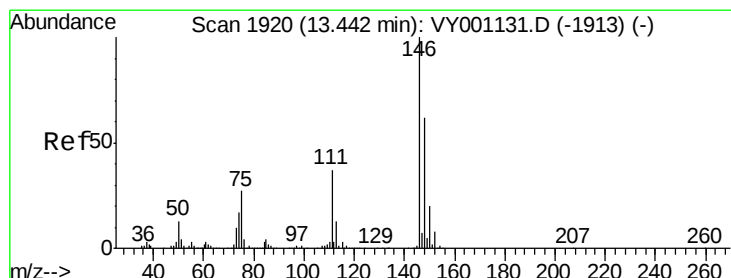
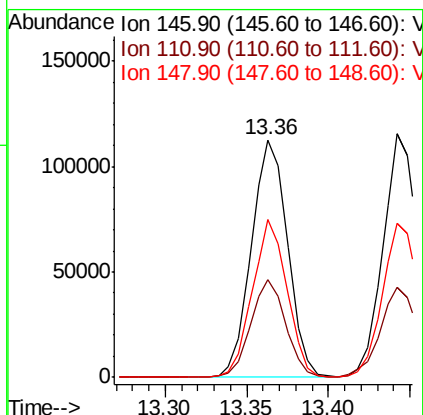
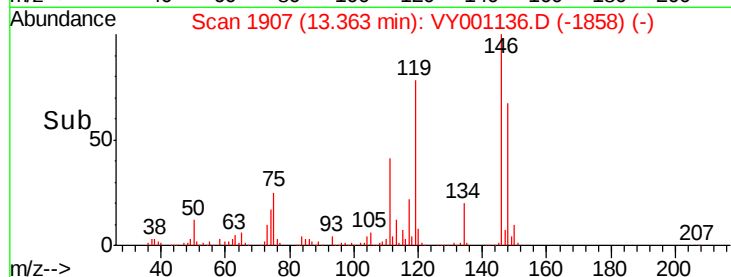
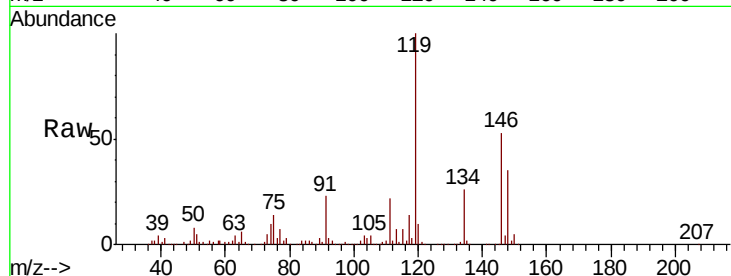
Tot Ion:146 Resp: 174012

Ion Ratio Lower Upper

146 100

111 39.6 19.5 58.5

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.634 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

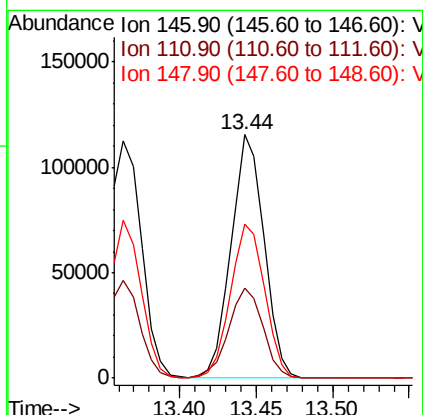
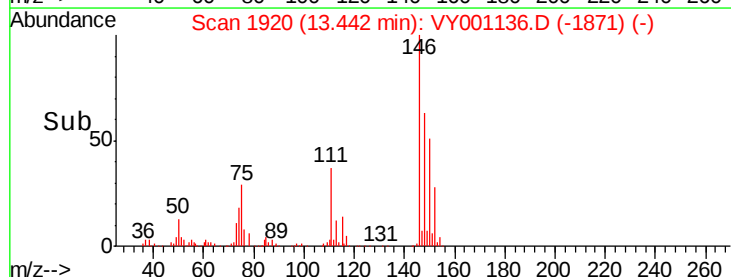
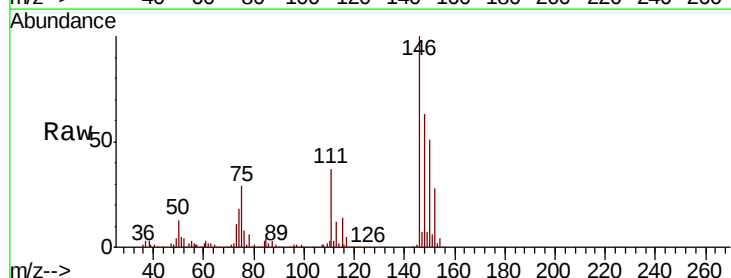
Tgt Ion:146 Resp: 172632

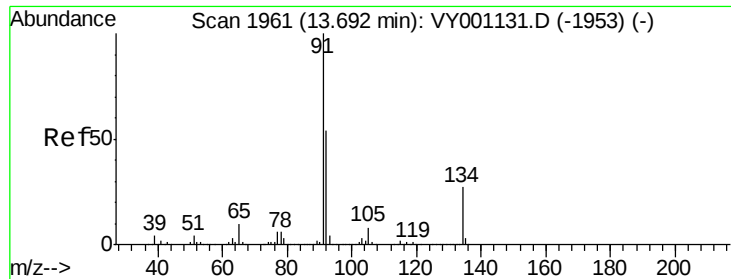
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

148 65.8 32.0 96.0

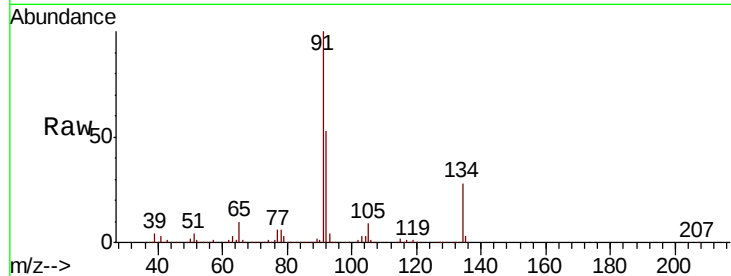




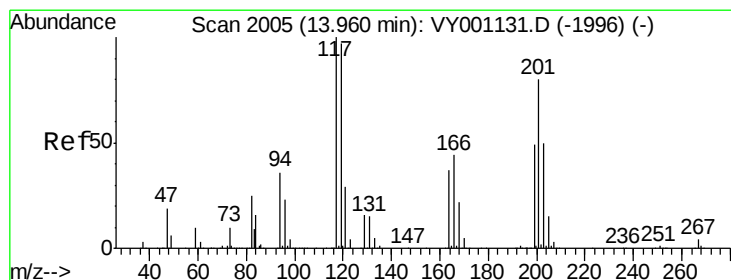
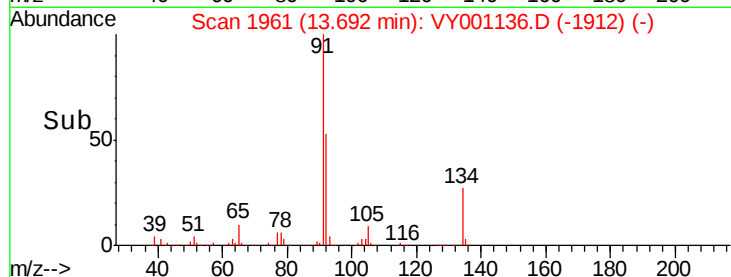
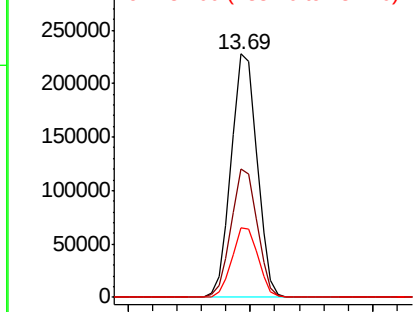
#89
n-Butylbenzene
Concen: 21.287 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 91 Resp: 333595
Ion Ratio Lower Upper
91 100
92 52.8 27.2 81.5
134 28.7 14.1 42.4

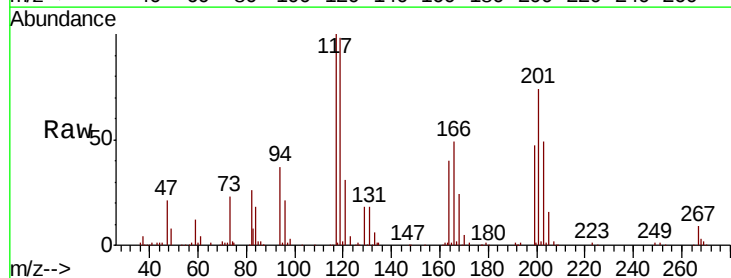


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

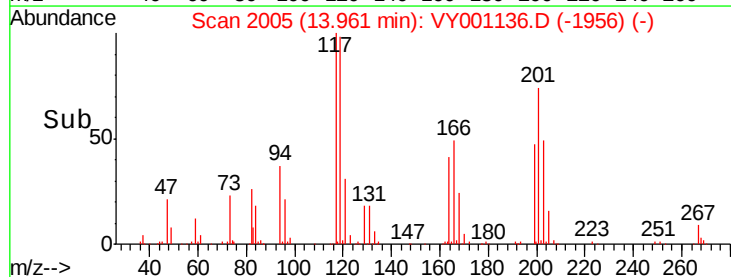
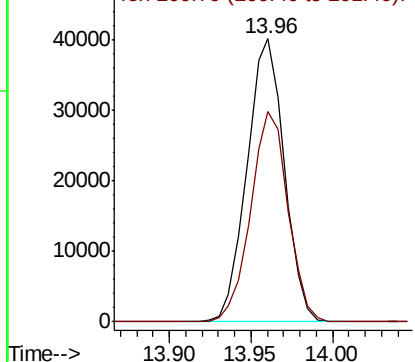


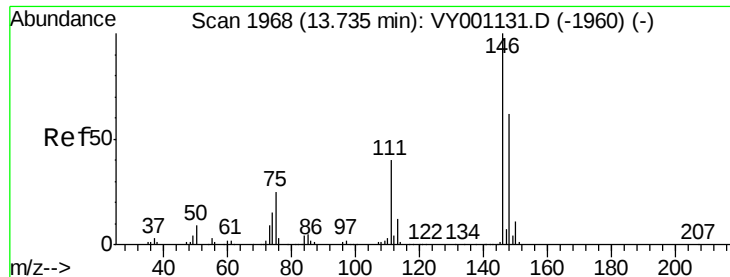
#90
Hexachloroethane
Concen: 20.670 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 117 Resp: 63924
Ion Ratio Lower Upper
117 100
201 74.2 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.855 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

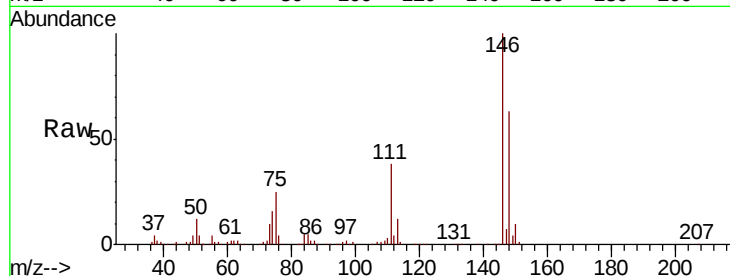
Tot Ion:146 Resp: 158947

Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

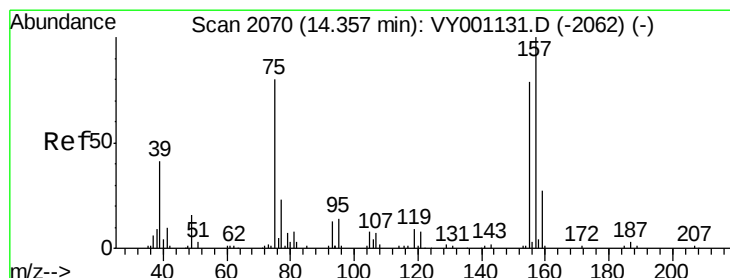
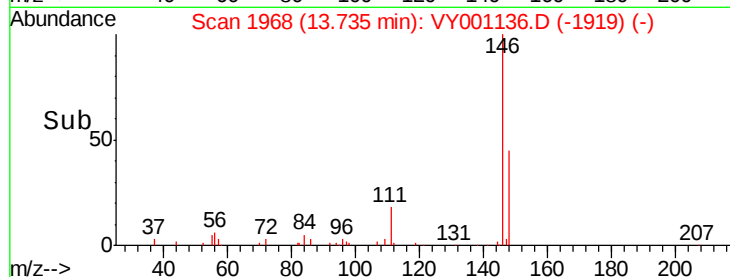
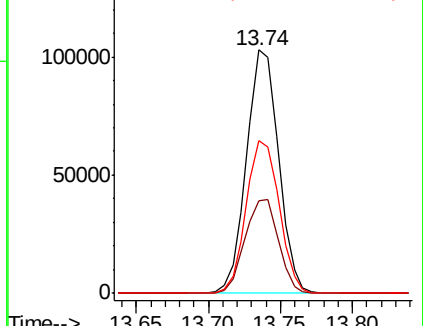
148 64.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.821 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

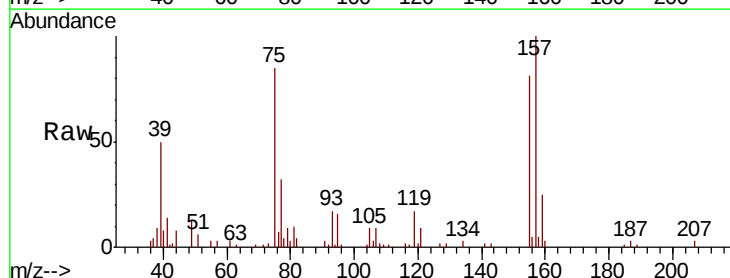
Tgt Ion: 75 Resp: 11921

Ion Ratio Lower Upper

75 100

155 97.8 50.4 151.3

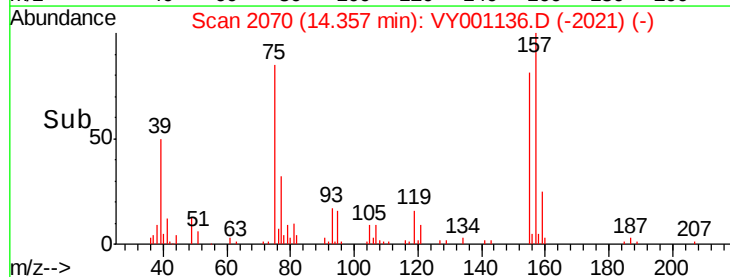
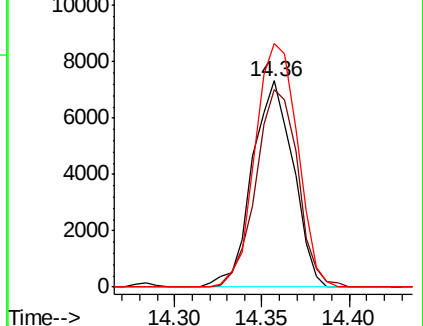
157 122.2 64.0 192.0

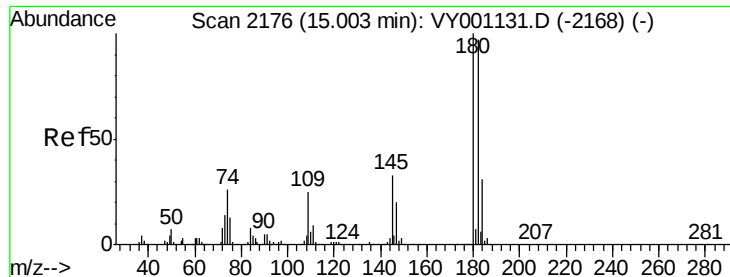


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

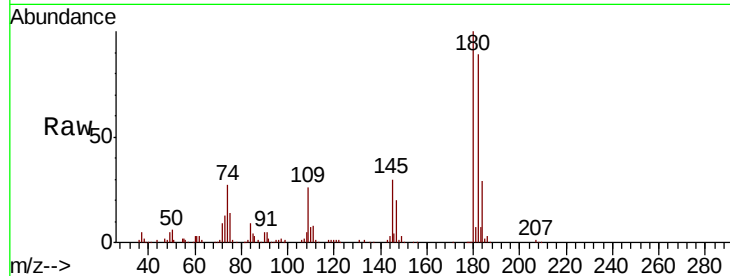




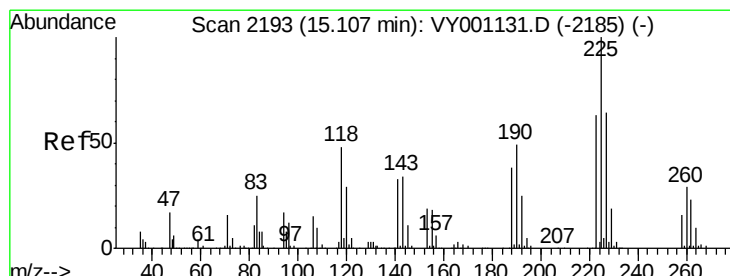
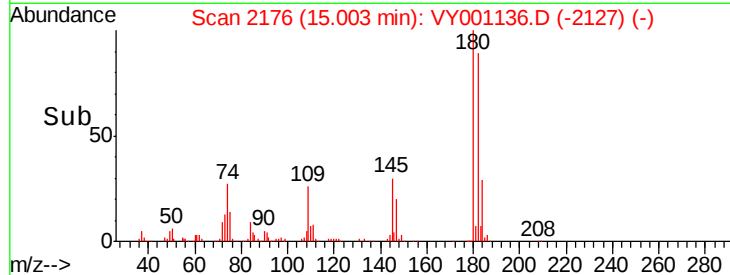
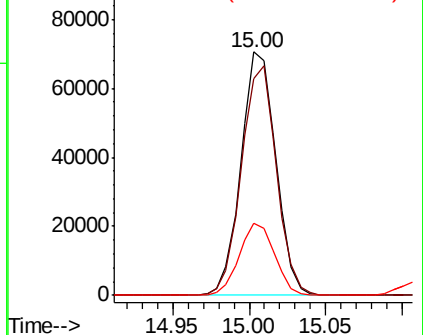
#93
 1,2,4-Trichlorobenzene
 Concen: 21.273 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion:180 Resp: 111671
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.6 145.8
 145 30.2 16.1 48.3

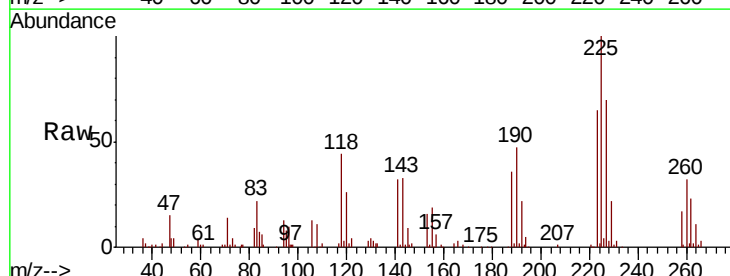


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

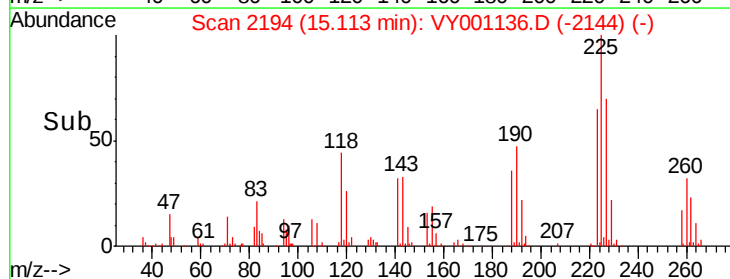
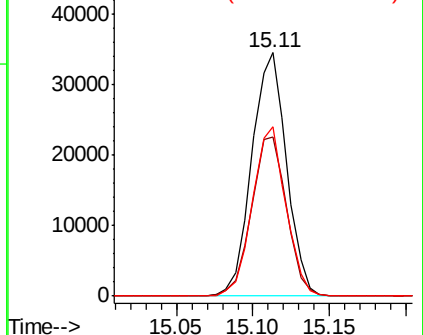


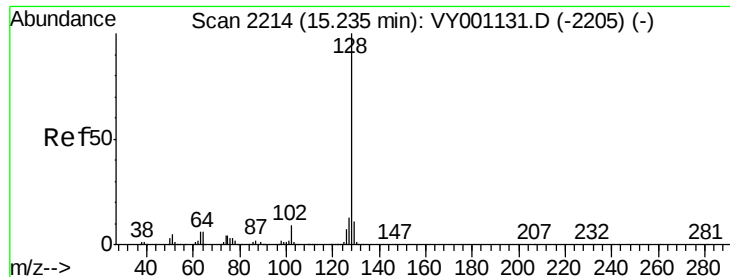
#94
 Hexachlorobutadiene
 Concen: 20.533 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion:225 Resp: 54590
 Ion Ratio Lower Upper
 225 100
 223 66.3 31.8 95.3
 227 67.1 32.6 97.7



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: 21.076 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

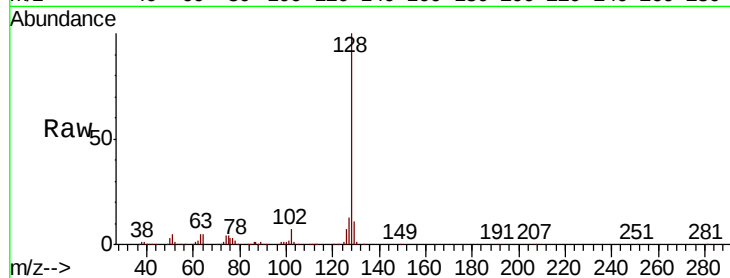
Tot Ion:128 Resp: 252491

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 11.2 8.7 13.1

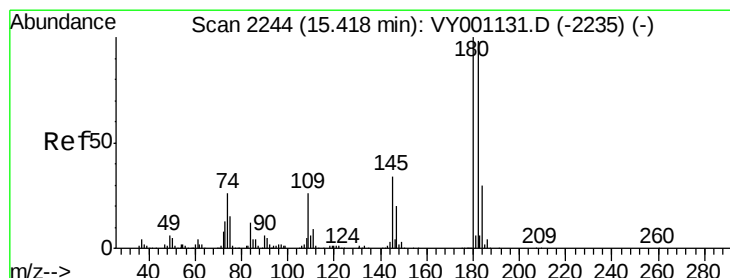
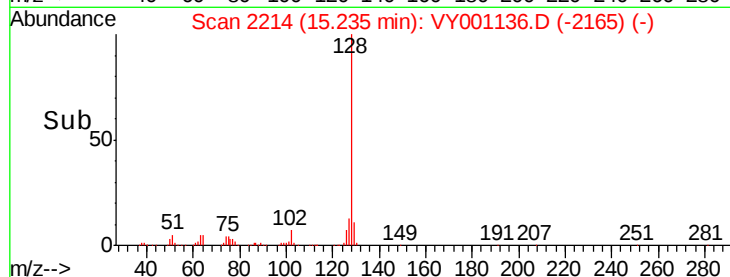
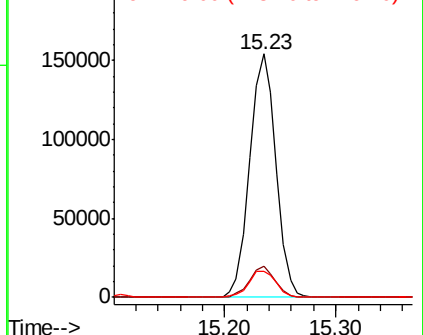


Abundance

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: 21.707 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

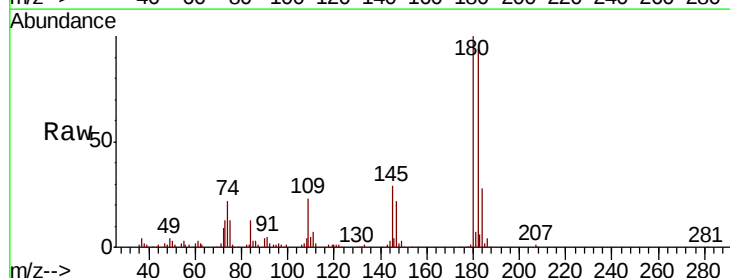
Tgt Ion:180 Resp: 101969

Ion Ratio Lower Upper

180 100

182 93.6 47.8 143.3

145 30.8 16.5 49.5



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

