

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001038.D
 Acq On : 24 Dec 2019 11:37
 Operator : SY/MD
 Sample : VY1224SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Quant Time: Dec 25 01:25:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	570123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	505529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	159164	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.72	113	160847	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	10.18	98	681365	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.48	95	224035	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	59819	21.674	ug/l	96
3) Chloromethane	2.12	50	80787	21.507	ug/l	99
4) Vinyl Chloride	2.26	62	80261	22.002	ug/l	96
5) Bromomethane	2.65	94	49839	20.713	ug/l	99
6) Chloroethane	2.79	64	49359	21.725	ug/l	94
7) Trichlorofluoromethane	3.13	101	112550	21.036	ug/l	99
8) Diethyl Ether	3.54	74	46722	21.393	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	74227	21.120	ug/l	99
10) Methyl Iodide	4.10	142	95750	19.718	ug/l	100
11) Tert butyl alcohol	4.97	59	34504	100.456	ug/l	98
12) 1,1-Dichloroethene	3.88	96	74067	20.816	ug/l	97
13) Acrolein	3.74	56	38649	90.816	ug/l	98
14) Allyl chloride	4.49	41	116634	21.100	ug/l	98
15) Acrylonitrile	5.18	53	112773	103.317	ug/l	98
16) Acetone	3.96	43	77427	107.590	ug/l	93
17) Carbon Disulfide	4.19	76	238729	20.532	ug/l	100
18) Methyl Acetate	4.49	43	60290	21.837	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	190199	20.710	ug/l	99
20) Methylene Chloride	4.72	84	91143	21.517	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	83746	21.237	ug/l	97
22) Diisopropyl ether	6.13	45	242950	21.745	ug/l	97
23) Vinyl Acetate	6.07	43	750986	106.430	ug/l	99
24) 1,1-Dichloroethane	6.03	63	138438	20.967	ug/l	98
25) 2-Butanone	7.00	43	134585	106.456	ug/l	96
26) 2,2-Dichloropropane	6.99	77	115363	21.267	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	89997	20.773	ug/l	96
28) Bromochloromethane	7.35	49	51016	19.803	ug/l	98
29) Tetrahydrofuran	7.35	42	93347	103.802	ug/l	99
30) Chloroform	7.51	83	132955	21.296	ug/l	96
31) Cyclohexane	7.79	56	144832	20.860	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	109521	20.564	ug/l	98
36) 1,1-Dichloropropene	7.93	75	111907	20.575	ug/l	100
37) Ethyl Acetate	7.08	43	59606	19.792	ug/l	98
38) Carbon Tetrachloride	7.90	117	95718	20.086	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	151140	20.926	ug/l	98
40) Benzene	8.17	78	335790	20.464	ug/l	97
41) Methacrylonitrile	7.35	41	79477	60.870	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	80282	20.464	ug/l	99
43) Isopropyl Acetate	8.28	43	111907	20.073	ug/l	100
44) Trichloroethene	8.94	130	89628	20.731	ug/l	94
45) 1,2-Dichloropropane	9.22	63	83483	20.281	ug/l	99
46) Dibromomethane	9.31	93	43492	20.496	ug/l	98
47) Bromodichloromethane	9.50	83	99713	20.287	ug/l	98
48) Methyl methacrylate	9.30	41	50059	21.042	ug/l	95
49) 1,4-Dioxane	9.30	88	11768	379.120	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	297028	102.221	ug/l	100
52) Toluene	10.24	92	206532	20.450	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	107302	20.115	ug/l	91
54) cis-1,3-Dichloropropene	9.93	75	130085	20.280	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	65098	20.550	ug/l	98
56) Ethyl methacrylate	10.51	69	91037	20.192	ug/l	99
57) 1,3-Dichloropropane	10.79	76	117019	21.075	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	176698	101.471	ug/l	98
59) 2-Hexanone	10.83	43	200828	99.884	ug/l	100
60) Dibromochloromethane	10.98	129	67444	19.932	ug/l	99
61) 1,2-Dibromoethane	11.08	107	60605	20.007	ug/l	96
64) Tetrachloroethene	10.72	164	89996	20.575	ug/l	98
65) Chlorobenzene	11.51	112	212739	20.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	70491	20.370	ug/l	98
67) Ethyl Benzene	11.59	91	388820	20.615	ug/l	99
68) m/p-Xylenes	11.70	106	295498	41.262	ug/l	100
69) o-Xylene	12.02	106	140774	20.894	ug/l	98
70) Styrene	12.04	104	236798	20.670	ug/l	100
71) Bromoform	12.20	173	38820	20.147	ug/l #	98
73) Isopropylbenzene	12.33	105	367446	20.407	ug/l	99
74) N-amyl acetate	12.14	43	93039	19.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68664	19.358	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	97377	33.948	ug/l #	100
77) Bromobenzene	12.60	156	80281	19.825	ug/l	95
78) n-propylbenzene	12.67	91	449532	20.489	ug/l	98
79) 2-Chlorotoluene	12.75	91	246676	20.359	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	297626	20.166	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	26433	19.654	ug/l	99
82) 4-Chlorotoluene	12.85	91	256627	20.392	ug/l	99
83) tert-Butylbenzene	13.07	119	259598	20.954	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	301227	20.311	ug/l	99
85) sec-Butylbenzene	13.25	105	370541	20.288	ug/l	100
86) p-Isopropyltoluene	13.36	119	326496	20.659	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	158191	20.340	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	155927	19.874	ug/l	98
89) n-Butylbenzene	13.69	91	325475	20.469	ug/l	98
90) Hexachloroethane	13.95	117	59289	19.912	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	144674	20.166	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11177	18.834	ug/l	98

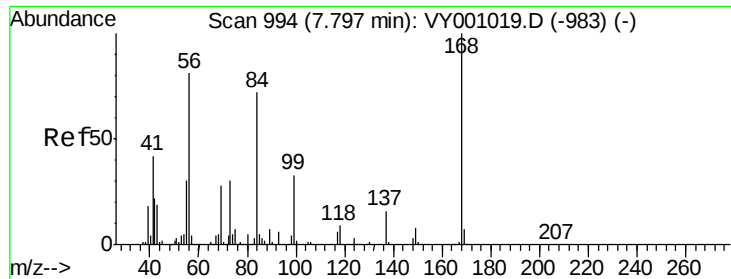
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Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	97943	20.226	ug/l	99
94) Hexachlorobutadiene	15.11	225	47029	20.409	ug/l	99
95) Naphthalene	15.23	128	226148	19.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87606	20.286	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

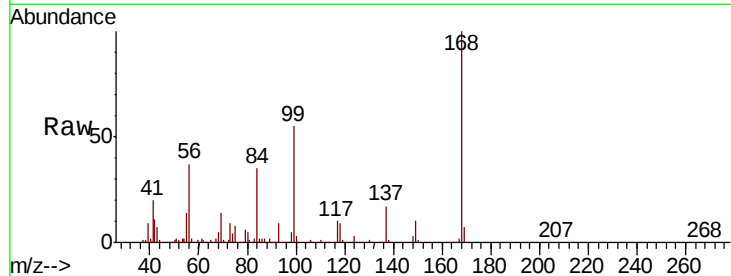
VY1224SBS01

Tgt Ion:168 Resp: 316729

Ion Ratio Lower Upper

168 100

99 55.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

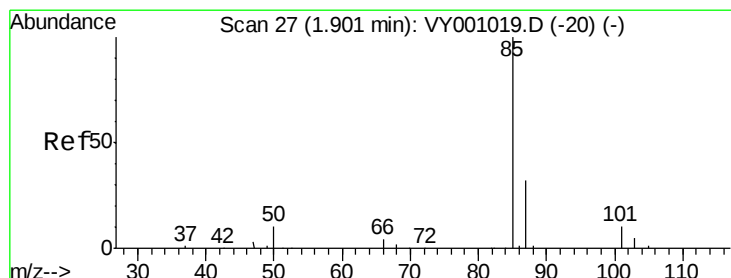
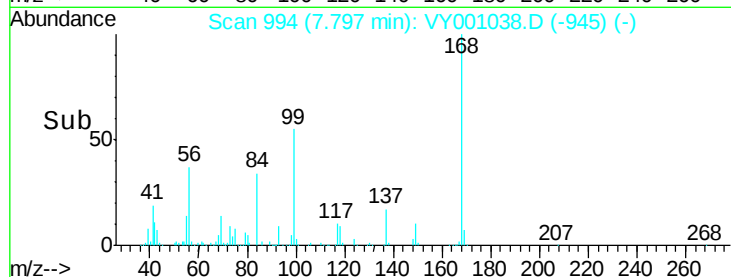
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.674 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001038.D

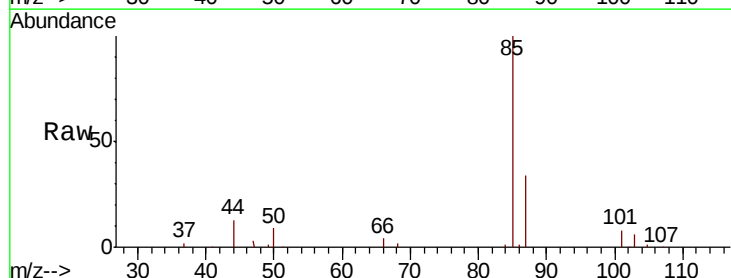
Acq: 24 Dec 2019 11:37

Tgt Ion: 85 Resp: 59819

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.91

40000

30000

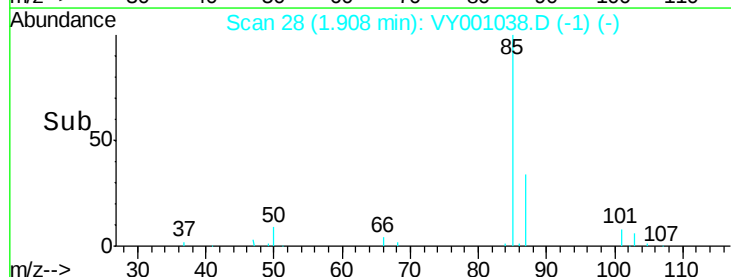
20000

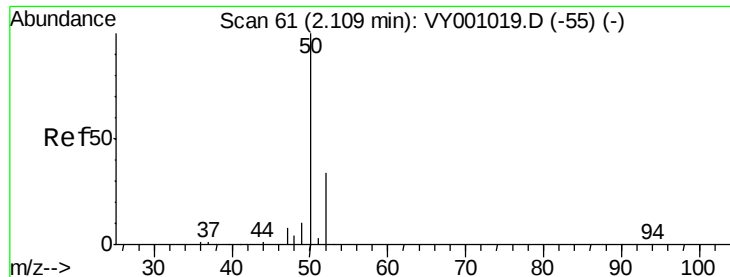
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.507 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

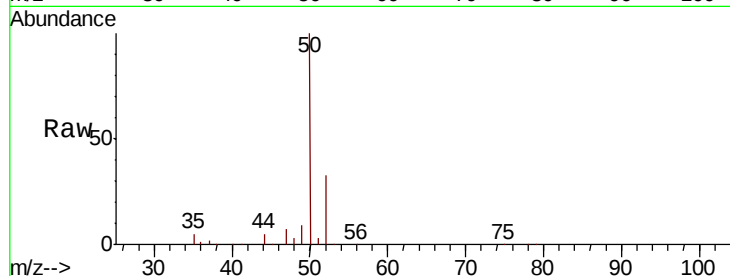
VY1224SBS01

Tgt Ion: 50 Resp: 80787

Ion Ratio Lower Upper

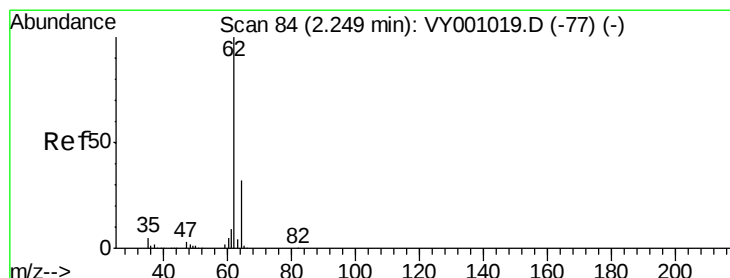
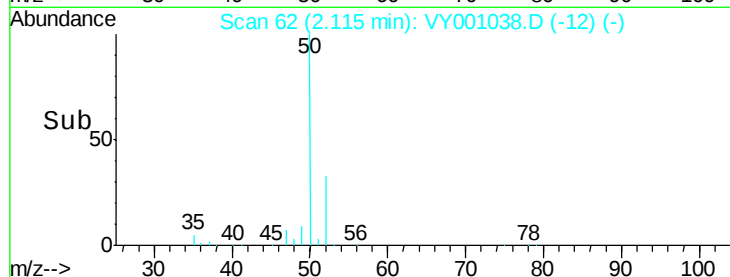
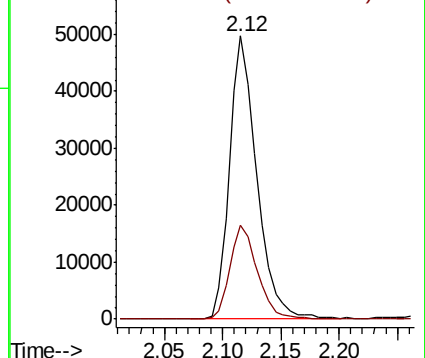
50 100

52 33.3 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.002 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001038.D

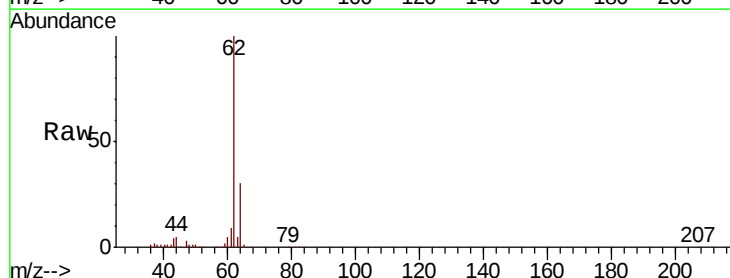
Acq: 24 Dec 2019 11:37

Tgt Ion: 62 Resp: 80261

Ion Ratio Lower Upper

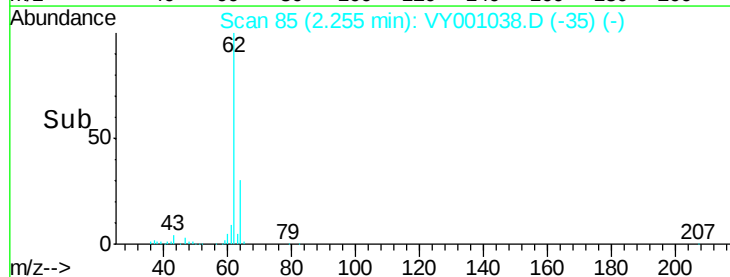
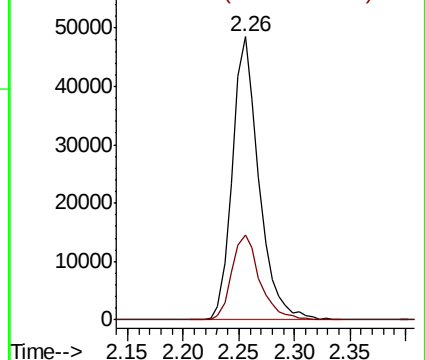
62 100

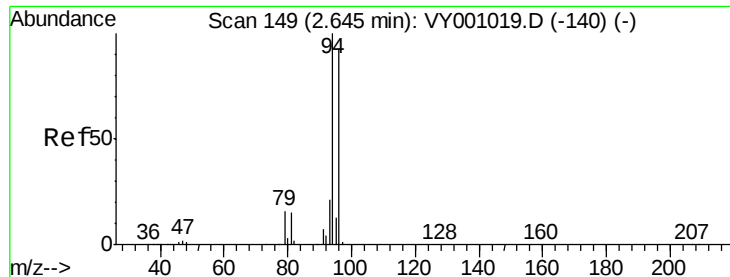
64 29.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.713 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

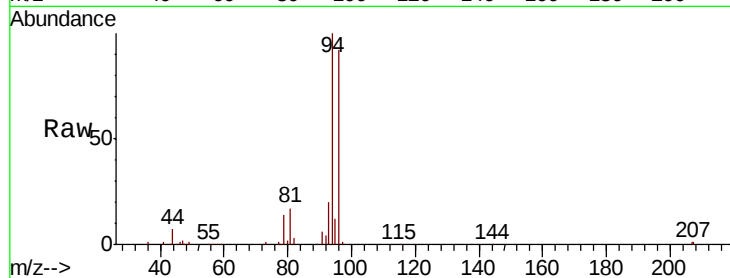
VY1224SBS01

Tgt Ion: 94 Resp: 49839

Ion Ratio Lower Upper

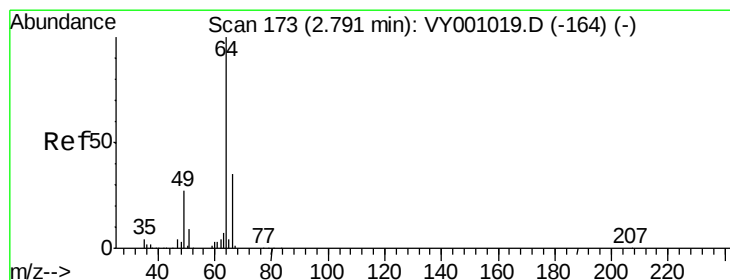
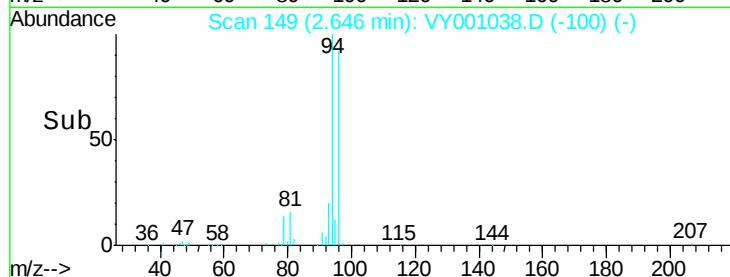
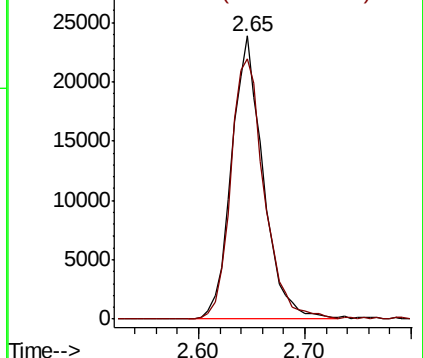
94 100

96 91.8 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.725 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001038.D

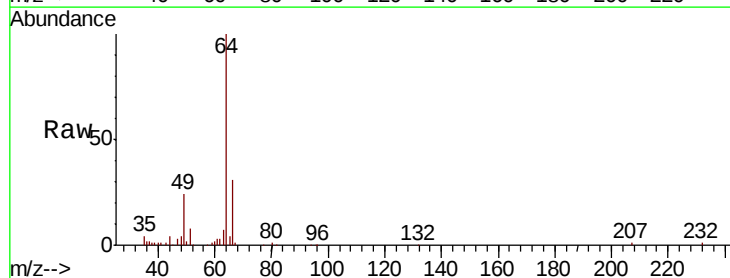
Acq: 24 Dec 2019 11:37

Tgt Ion: 64 Resp: 49359

Ion Ratio Lower Upper

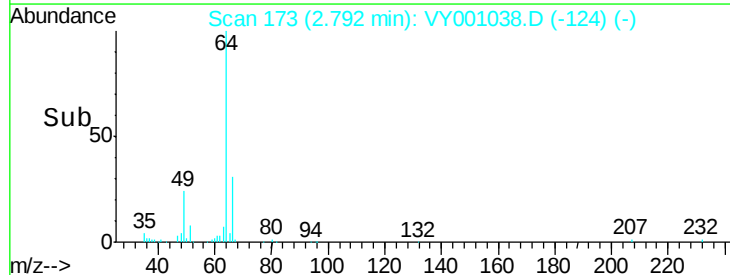
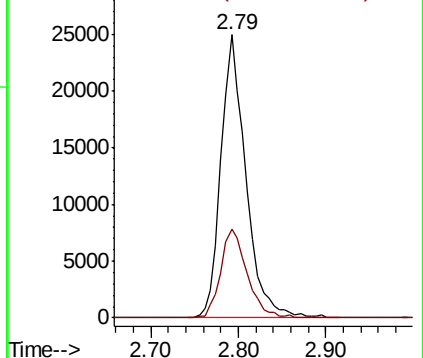
64 100

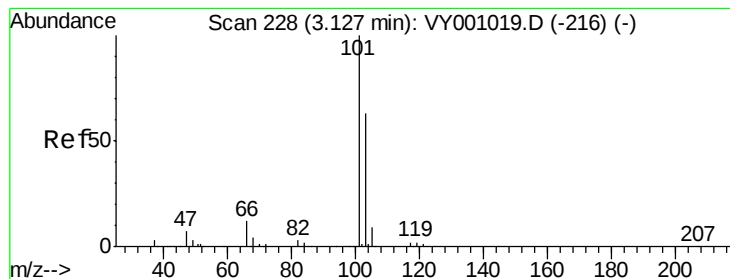
66 31.4 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



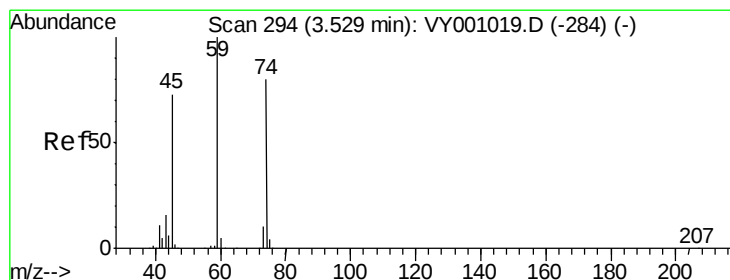
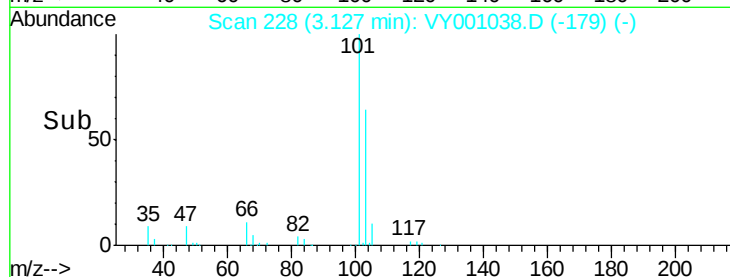
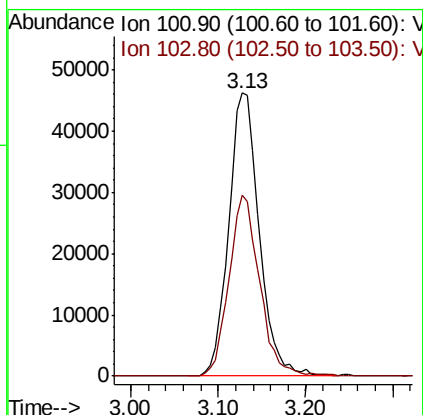
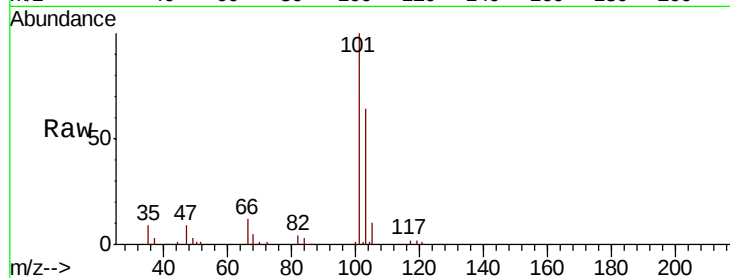


#7

Trichlorofluoromethane
 Concen: 21.036 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
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 VY1224SBS01

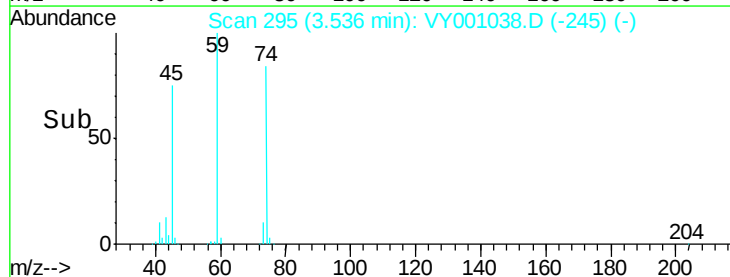
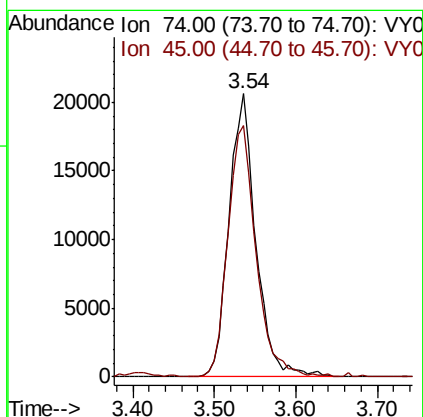
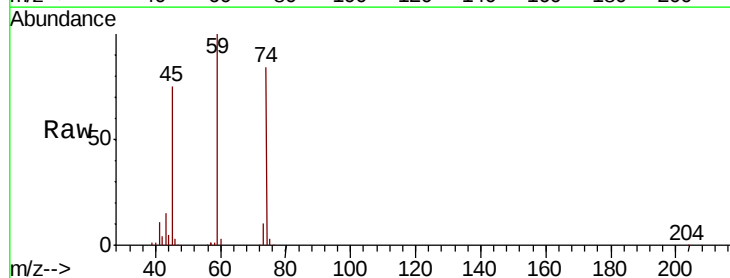
Tgt Ion:101 Resp: 112550
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.2 75.2

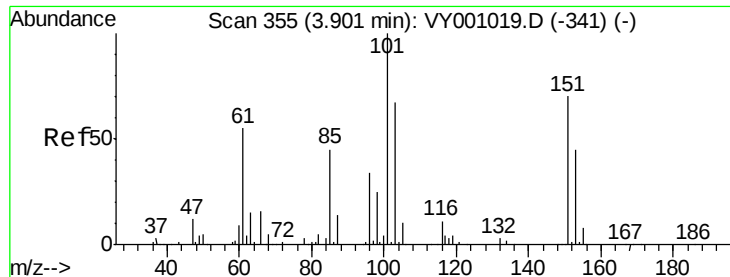


#8

Diethyl Ether
 Concen: 21.393 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 74 Resp: 46722
 Ion Ratio Lower Upper
 74 100
 45 92.8 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.120 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

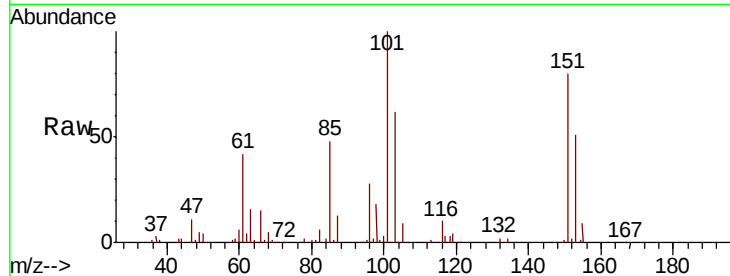
Tgt Ion:101 Resp: 74227

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.2

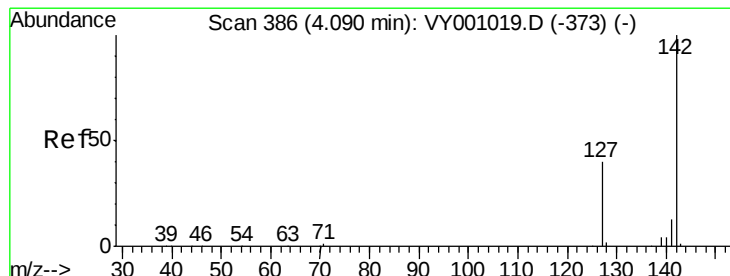
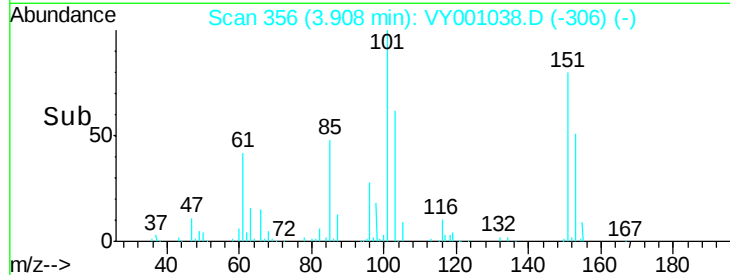
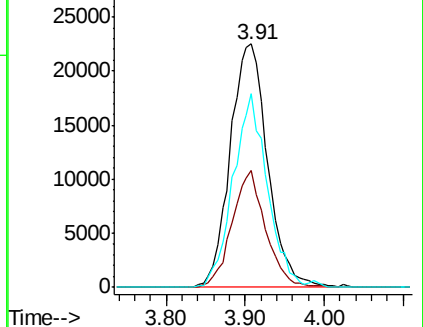
151 72.5 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.718 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

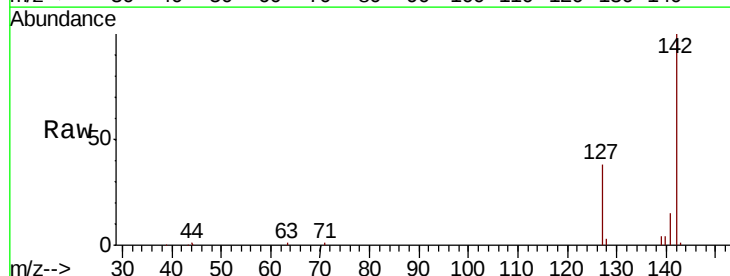
Tgt Ion:142 Resp: 95750

Ion Ratio Lower Upper

142 100

127 39.2 31.2 46.8

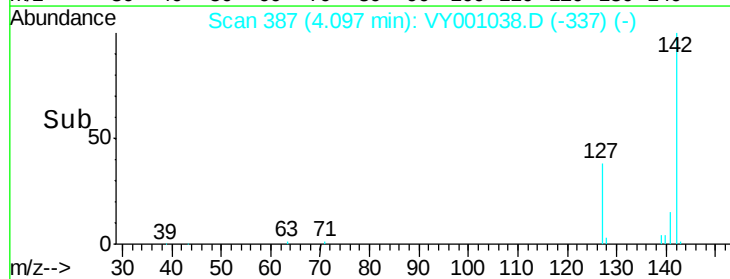
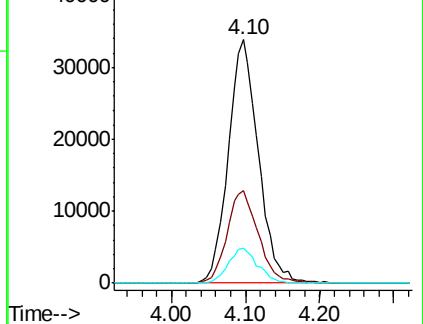
141 14.0 11.0 16.4

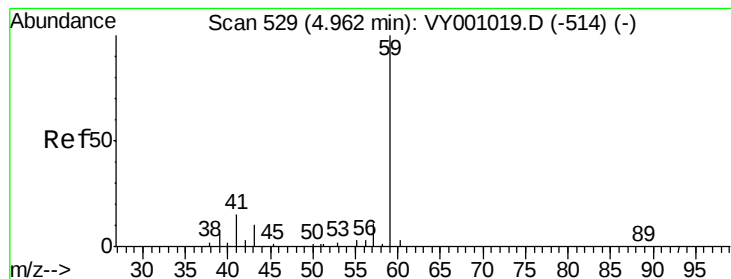


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



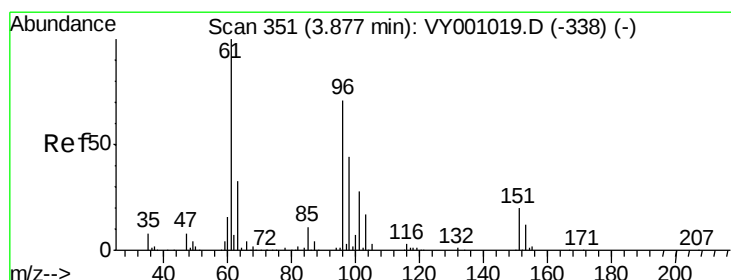
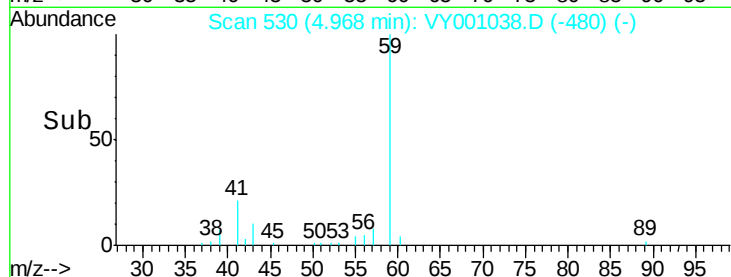
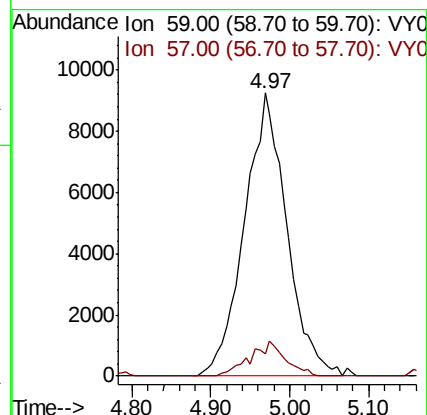
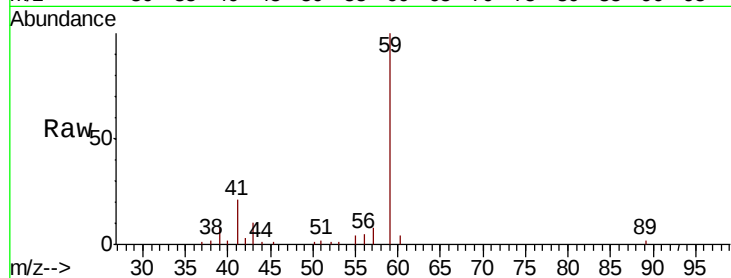


#11

Tert butyl alcohol
 Concen: 100.456 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

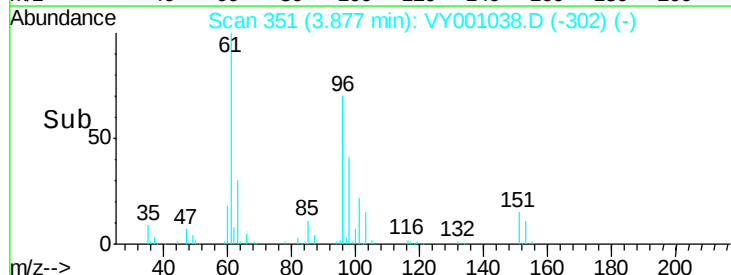
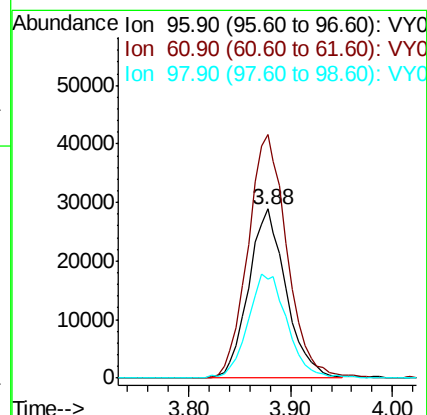
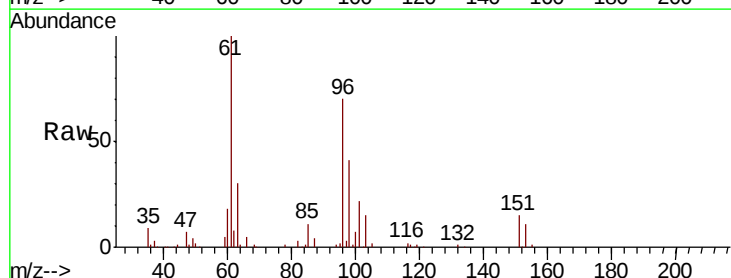
Tgt Ion: 59 Resp: 34504
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

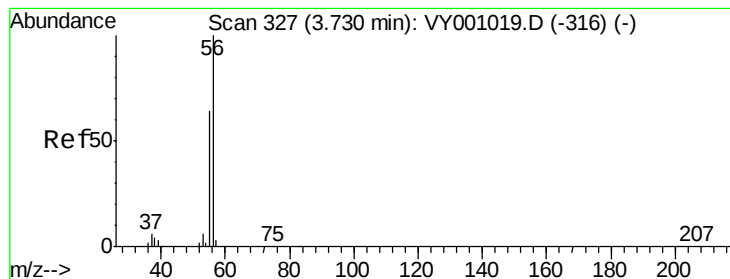


#12

1,1-Dichloroethene
 Concen: 20.816 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 96 Resp: 74067
 Ion Ratio Lower Upper
 96 100
 61 143.8 113.0 169.4
 98 58.7 49.8 74.8





#13

Acrolein

Concen: 90.816 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

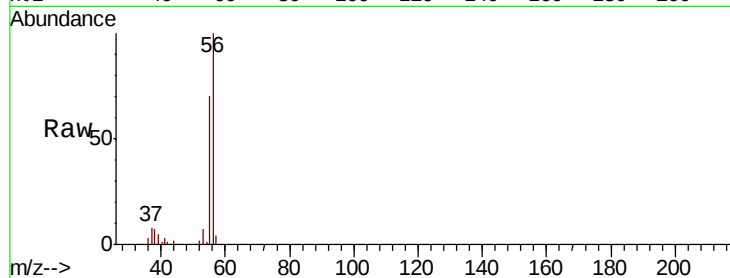
VY1224SBS01

Tgt Ion: 56 Resp: 38649

Ion Ratio Lower Upper

56 100

55 71.1 55.6 83.4



Abundance Ion 56.00 (55.70 to 56.70): VY001019.D (-316) (-)

Ion 55.00 (54.70 to 55.70): VY001019.D (-316) (-)

3.74

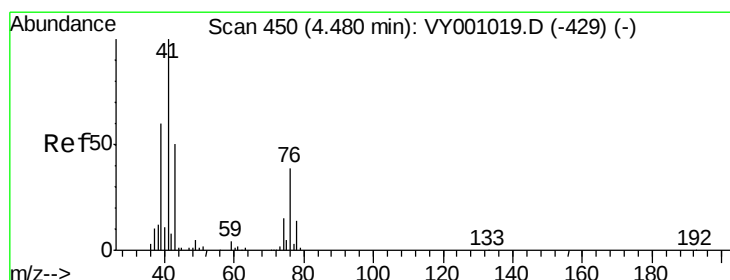
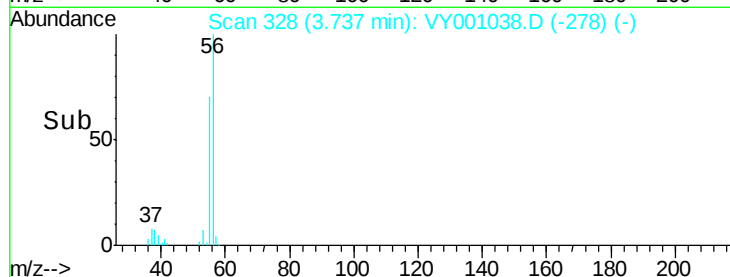
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 21.100 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

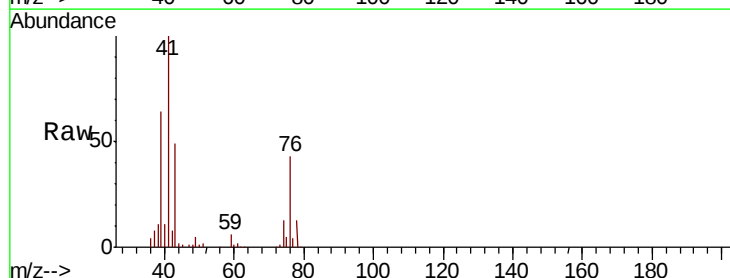
Tgt Ion: 41 Resp: 116634

Ion Ratio Lower Upper

41 100

39 58.6 46.0 69.0

76 39.6 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY001019.D (-429) (-)

Ion 39.00 (38.70 to 39.70): VY001019.D (-429) (-)

Ion 75.90 (75.60 to 76.60): VY001019.D (-429) (-)

4.49

50000

40000

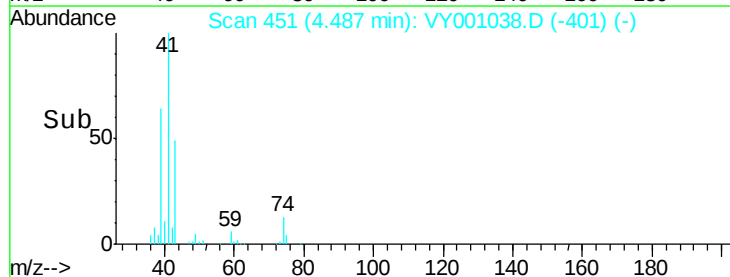
30000

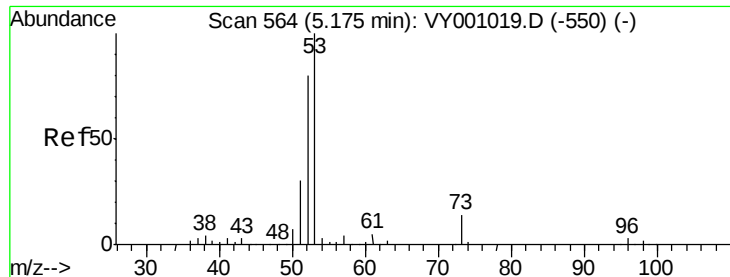
20000

10000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 103.317 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

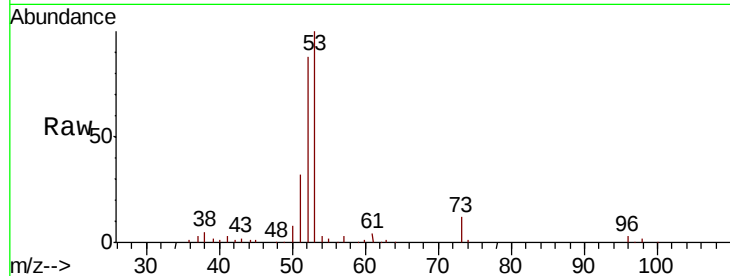
Tgt Ion: 53 Resp: 112773

Ion Ratio Lower Upper

53 100

52 81.2 63.6 95.4

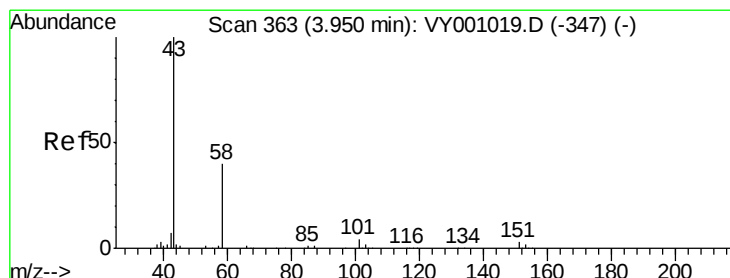
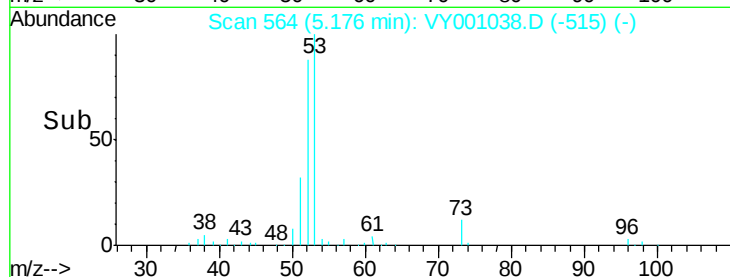
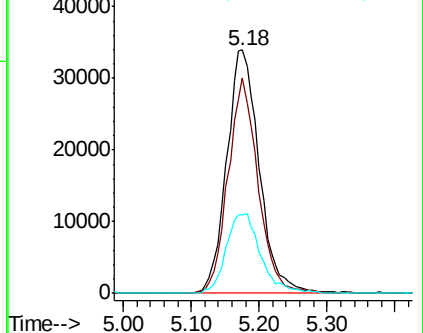
51 34.7 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY001019.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY001019.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY001019.D (-550) (-)



#16

Acetone

Concen: 107.590 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001038.D

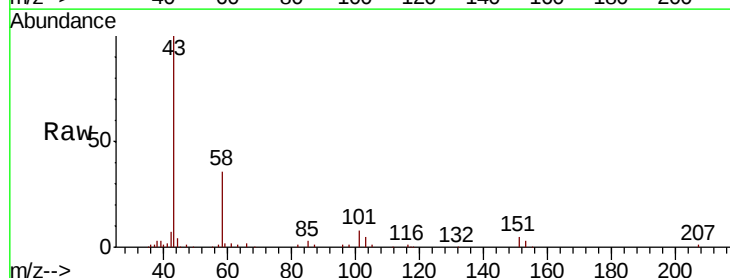
Acq: 24 Dec 2019 11:37

Tgt Ion: 43 Resp: 77427

Ion Ratio Lower Upper

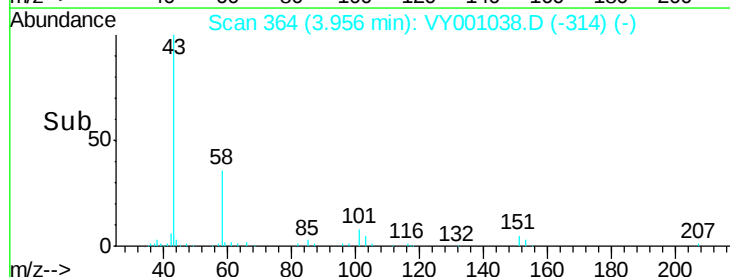
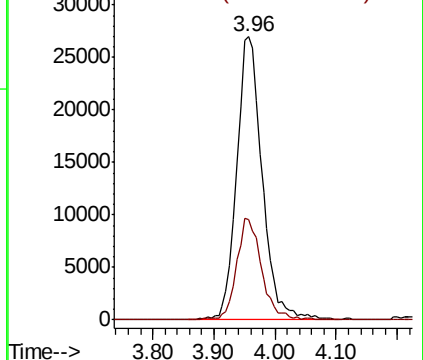
43 100

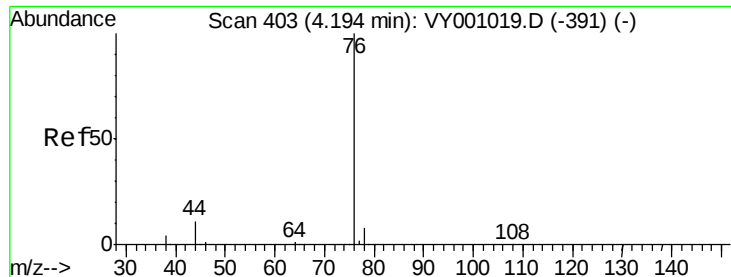
58 35.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

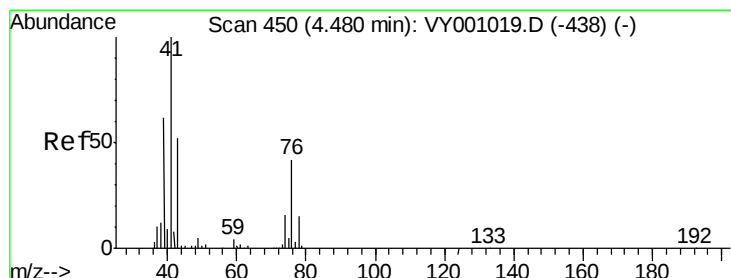
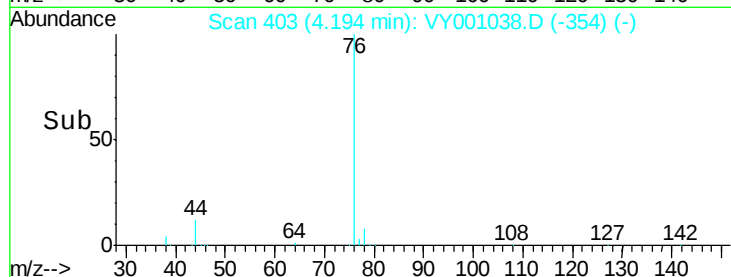
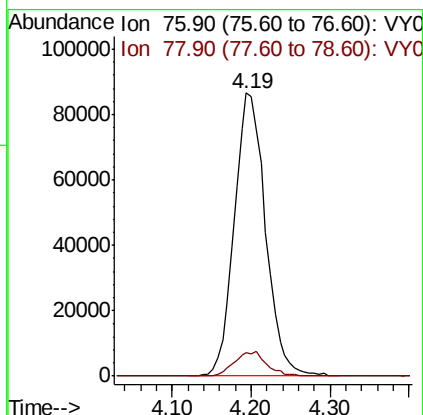
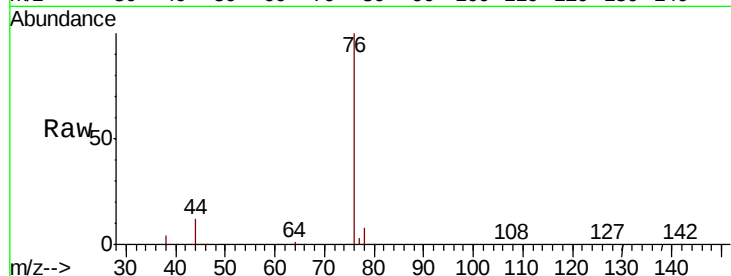




#17
Carbon Disulfide
Concen: 20.532 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

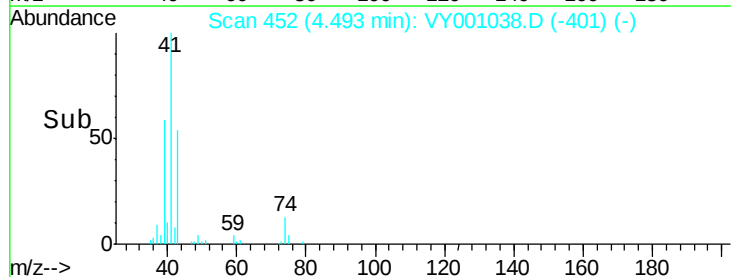
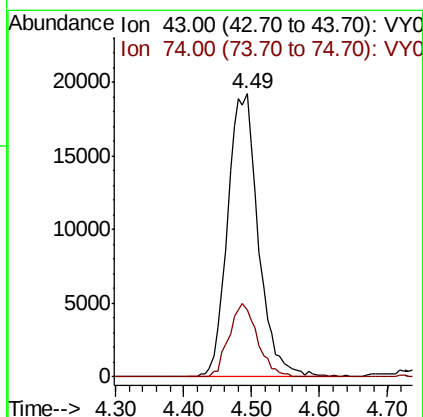
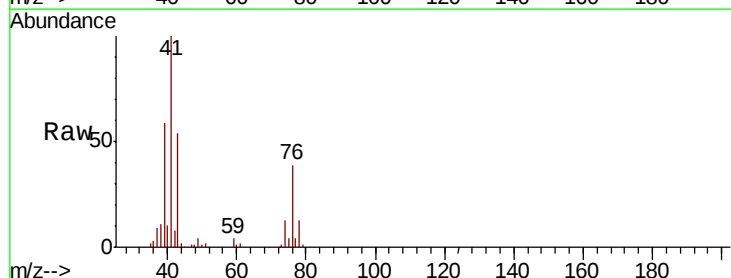
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

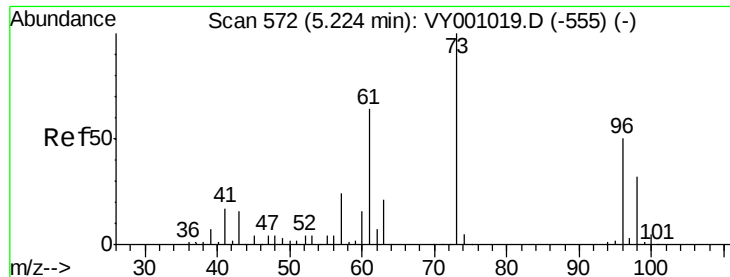
Tgt Ion: 76 Resp: 238729
Ion Ratio Lower Upper
76 100
78 8.5 6.7 10.1



#18
Methyl Acetate
Concen: 21.837 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 43 Resp: 60290
Ion Ratio Lower Upper
43 100
74 24.0 20.7 31.1



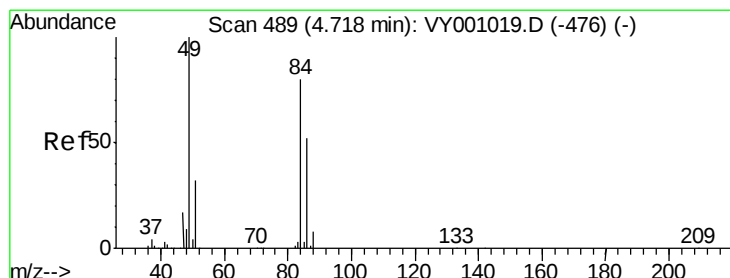
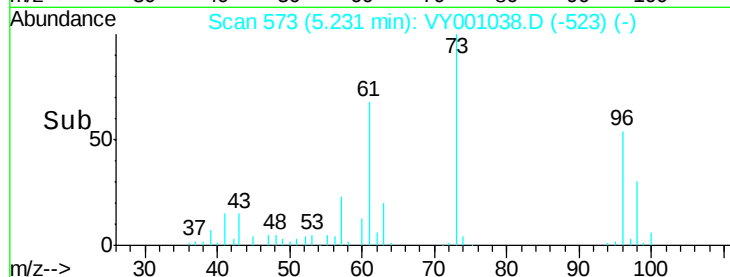
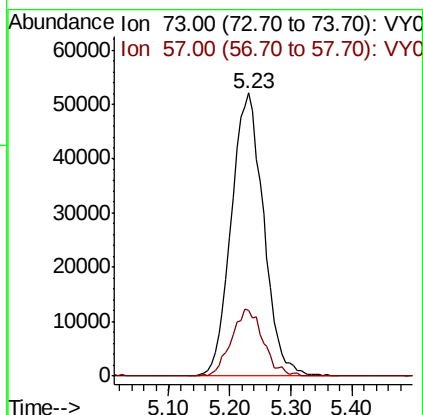
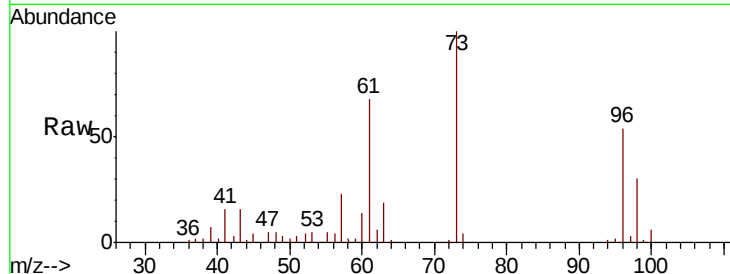


#19

Methyl tert-butyl Ether
 Concen: 20.710 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

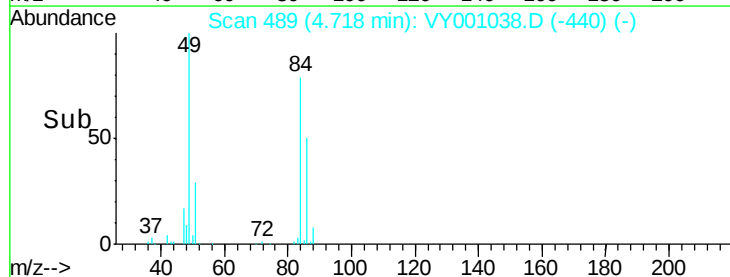
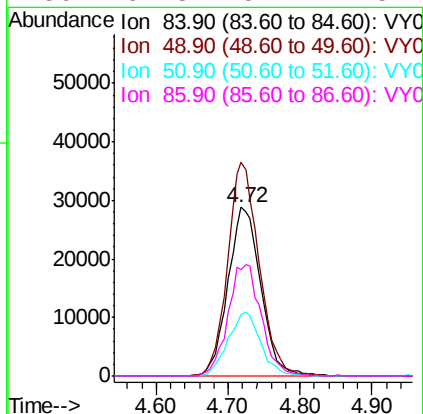
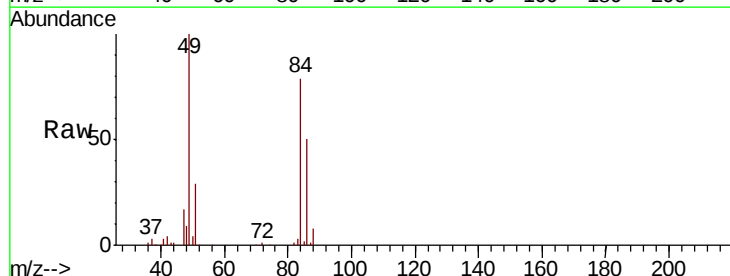
Tgt Ion: 73 Resp: 190199
 Ion Ratio Lower Upper
 73 100
 57 23.2 19.0 28.6

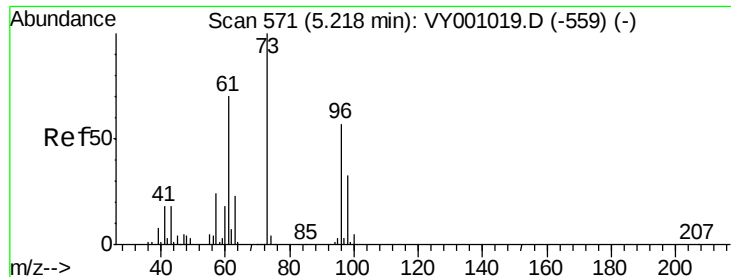


#20

Methylene Chloride
 Concen: 21.517 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 84 Resp: 91143
 Ion Ratio Lower Upper
 84 100
 49 126.5 99.8 149.6
 51 36.3 31.4 47.2
 86 62.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.237 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

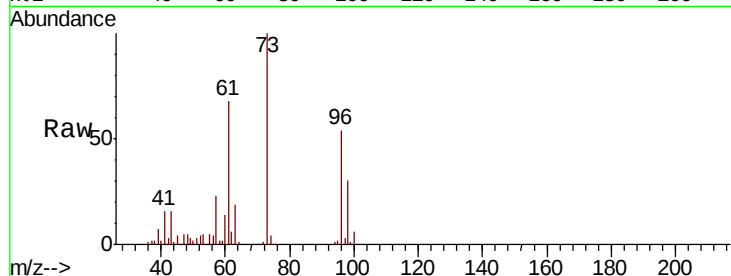
Tgt Ion: 96 Resp: 83746

Ion Ratio Lower Upper

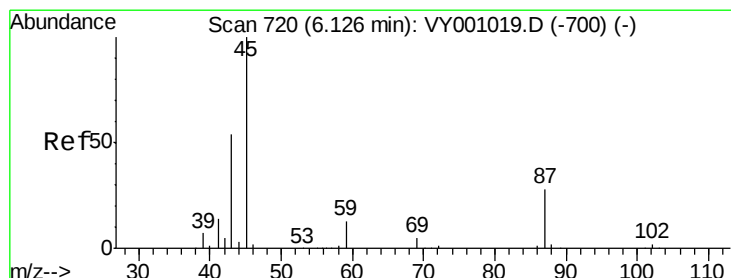
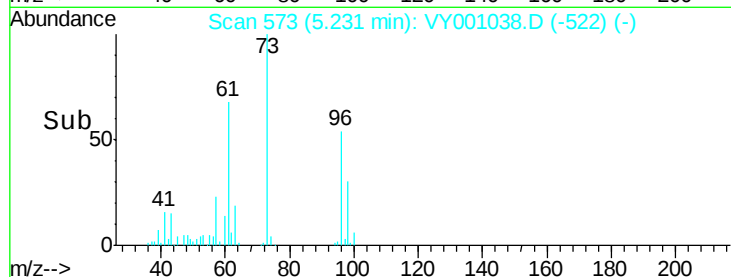
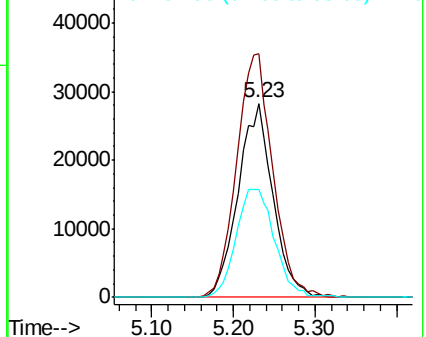
96 100

61 125.5 98.1 147.1

98 55.8 47.2 70.8



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: 21.745 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion: 45 Resp: 242950

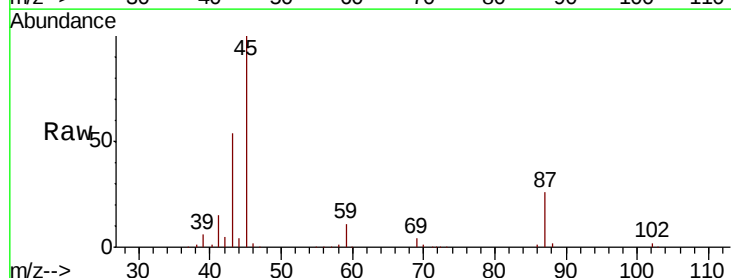
Ion Ratio Lower Upper

45 100

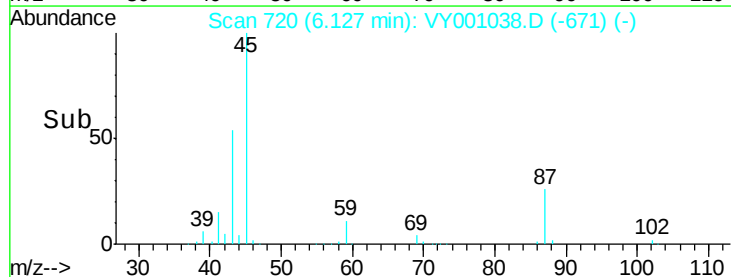
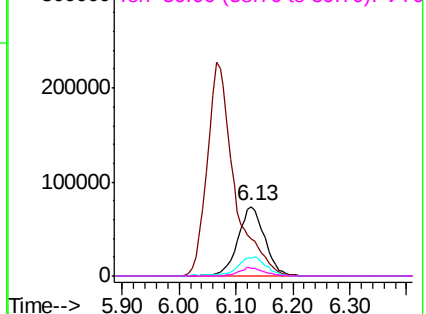
43 53.8 43.6 65.4

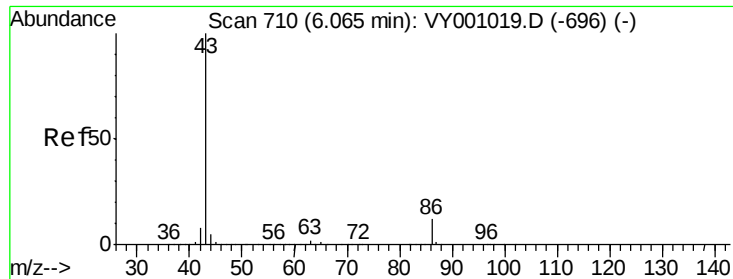
87 25.9 23.1 34.7

59 11.3 10.2 15.4



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: 106.430 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

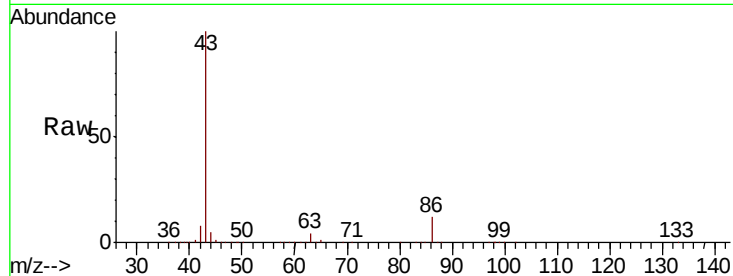
VY1224SBS01

Tgt Ion: 43 Resp: 750986

Ion Ratio Lower Upper

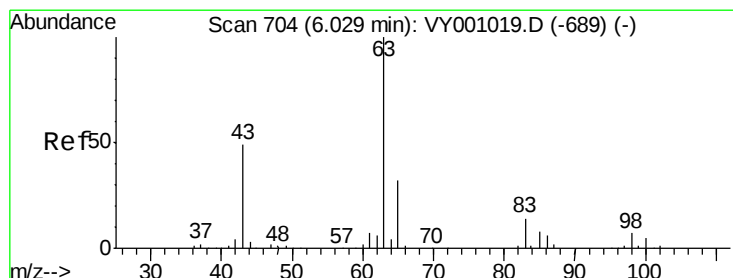
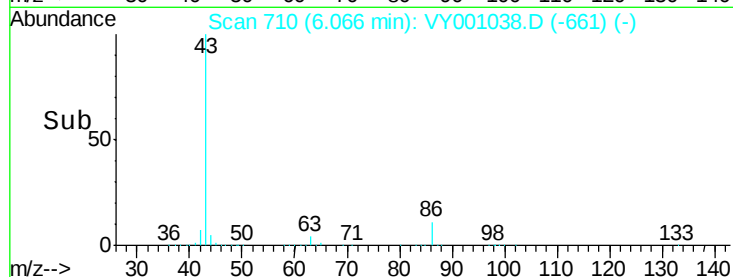
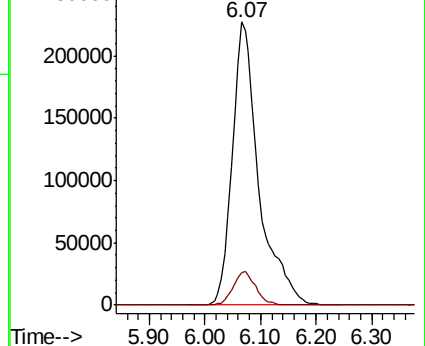
43 100

86 11.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.967 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

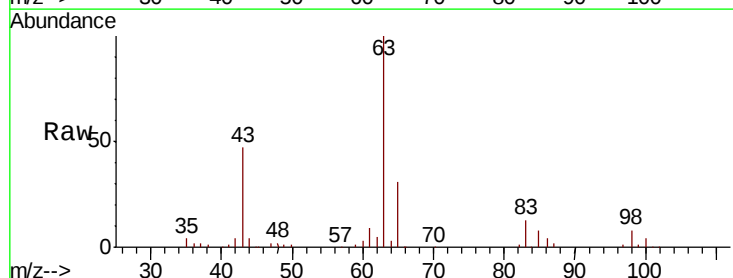
Tgt Ion: 63 Resp: 138438

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

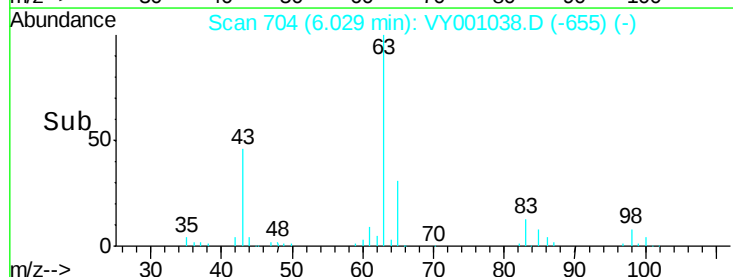
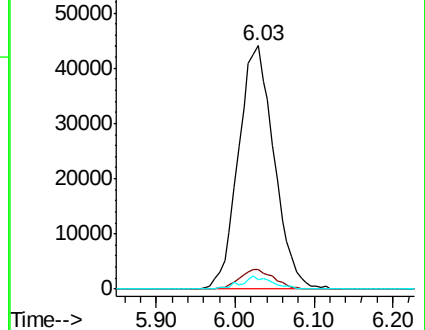
100 3.9 2.5 7.5

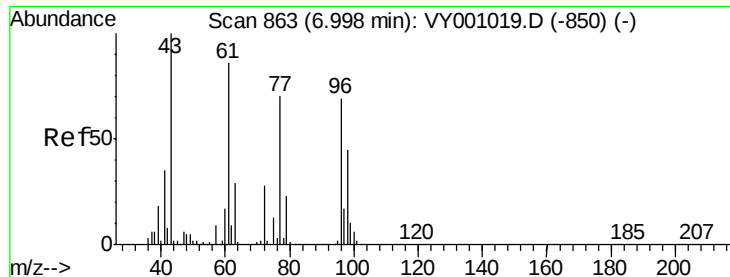


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 106.456 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

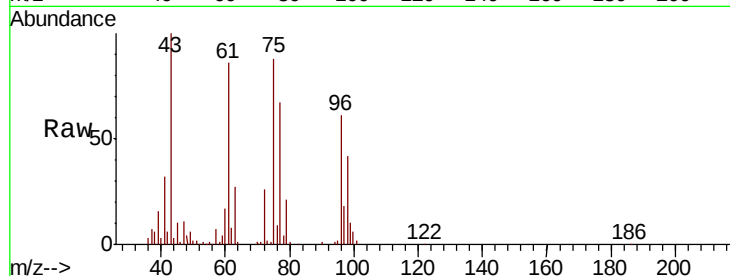
VY1224SBS01

Tgt Ion: 43 Resp: 134585

Ion Ratio Lower Upper

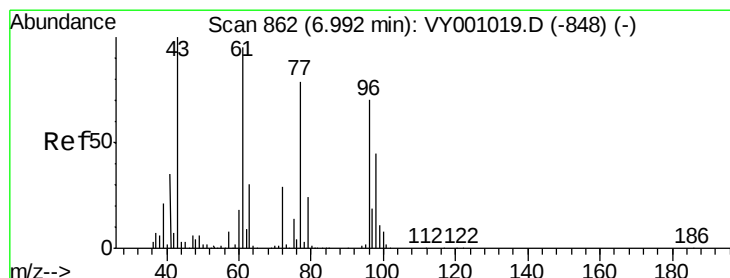
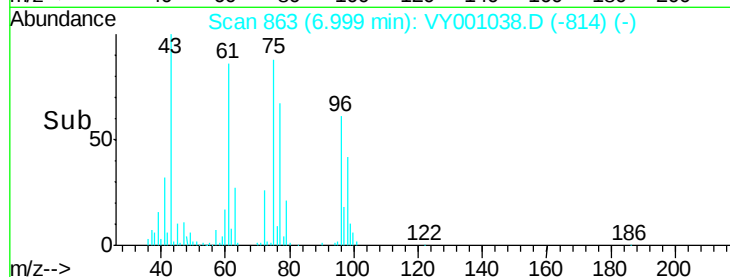
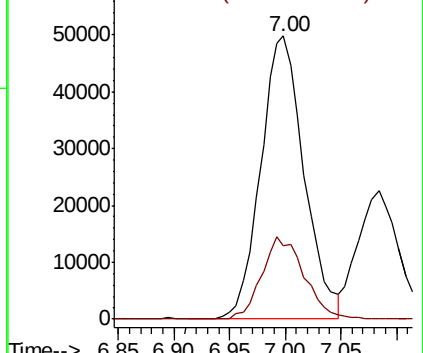
43 100

72 26.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 21.267 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001038.D

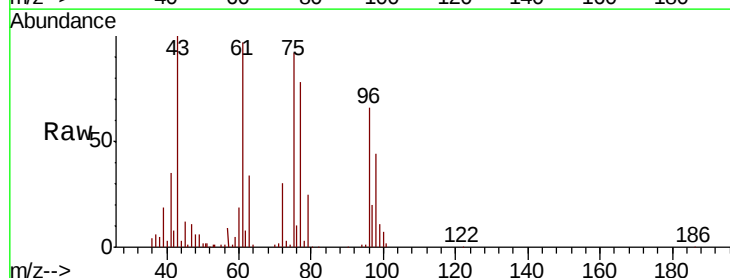
Acq: 24 Dec 2019 11:37

Tgt Ion: 77 Resp: 115363

Ion Ratio Lower Upper

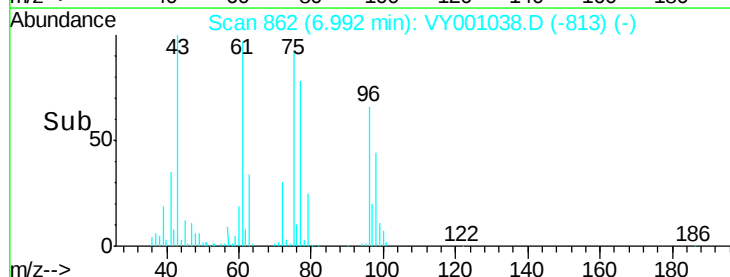
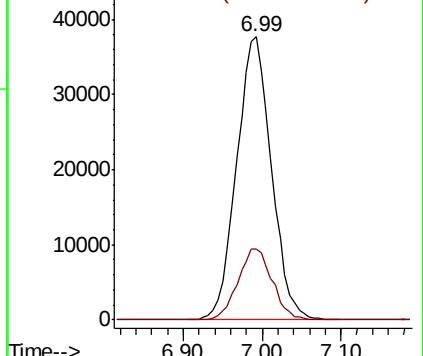
77 100

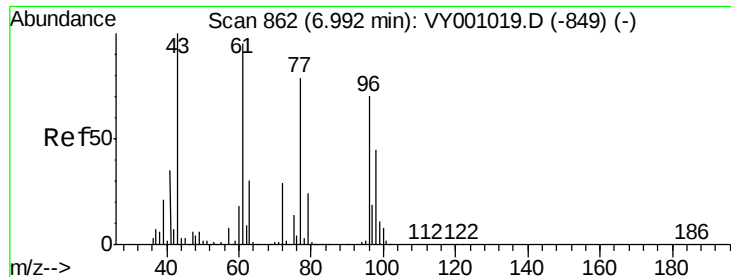
97 24.8 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



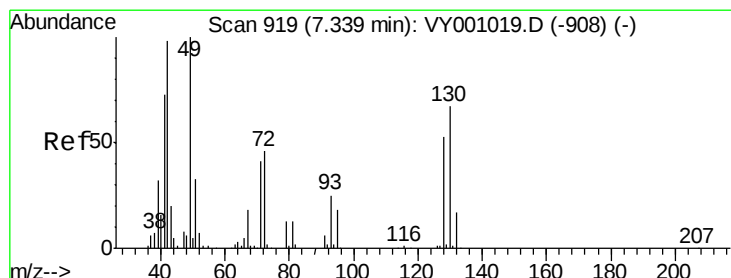
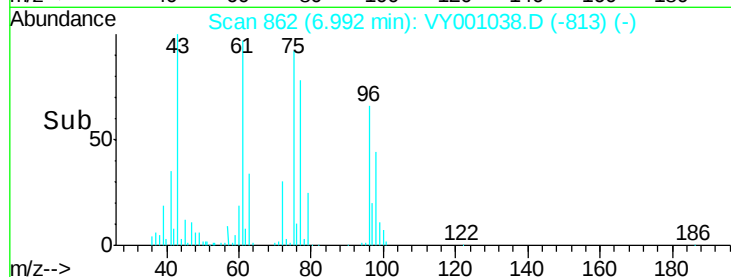
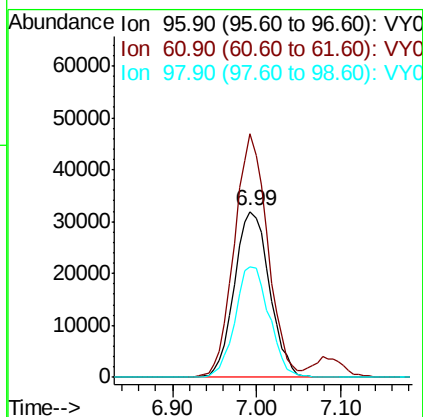
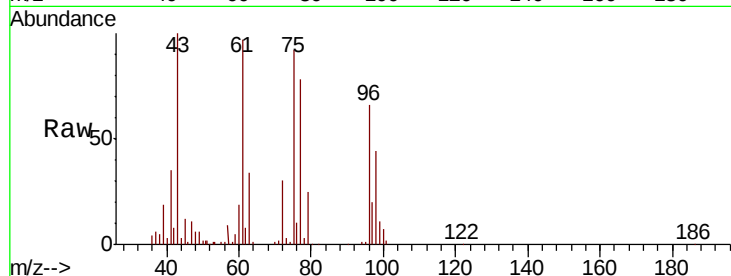


#27

cis-1,2-Dichloroethene
Concen: 20.773 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

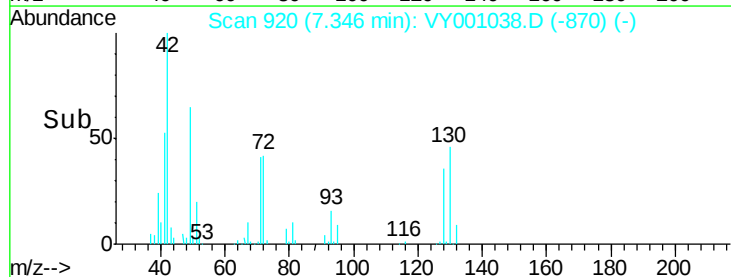
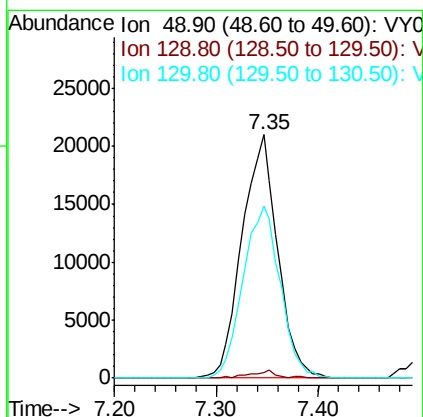
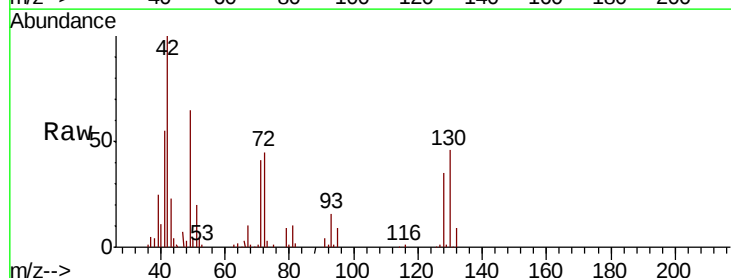
Tgt Ion: 96 Resp: 89997
Ion Ratio Lower Upper
96 100
61 139.9 0.0 268.2
98 65.2 0.0 129.2

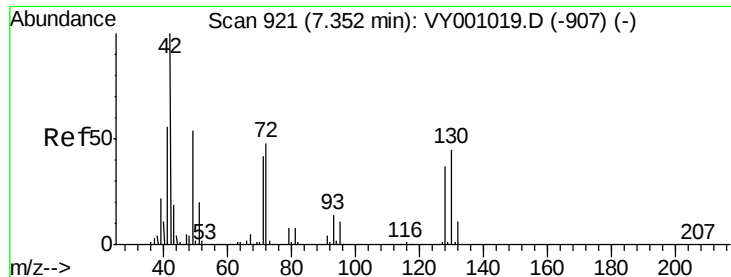


#28

Bromochloromethane
Concen: 19.803 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 49 Resp: 51016
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 73.8 60.4 90.6

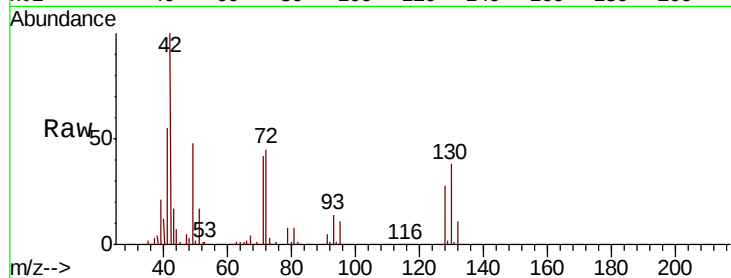




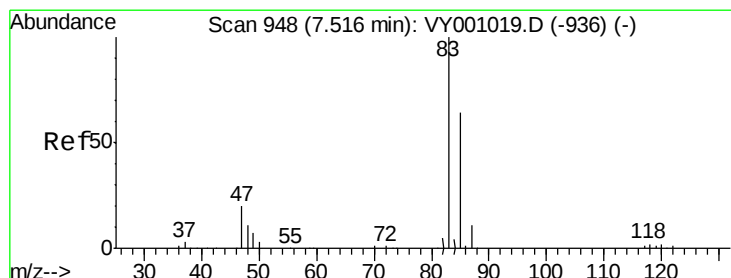
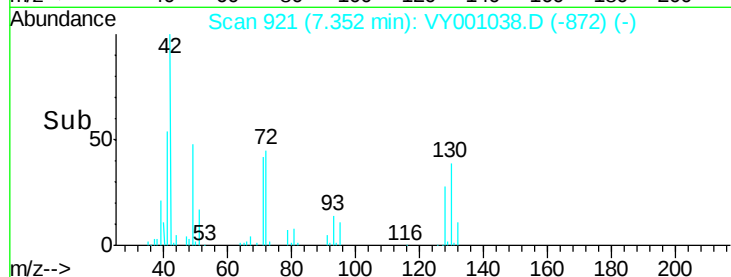
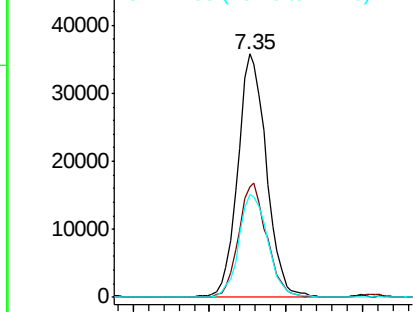
#29
Tetrahydrofuran
Concen: 103.802 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion: 42 Resp: 93347
Ion Ratio Lower Upper
42 100
72 46.0 37.7 56.5
71 42.8 34.6 51.8

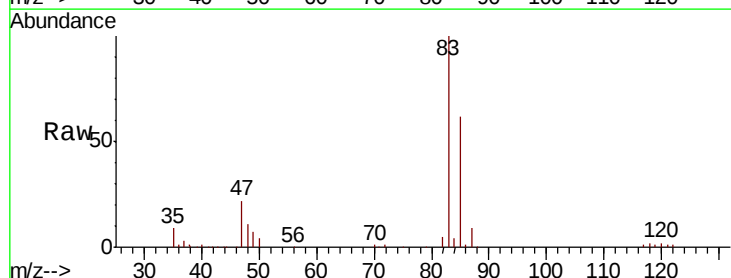


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

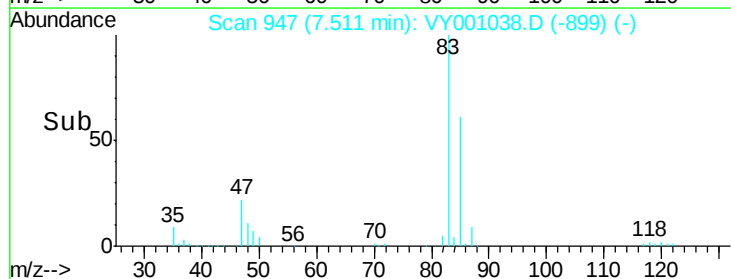
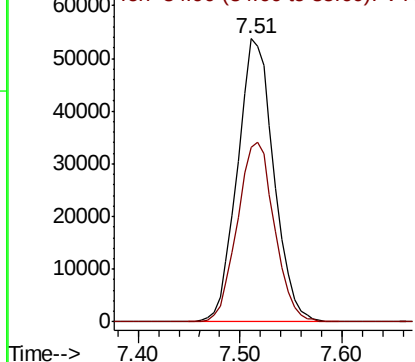


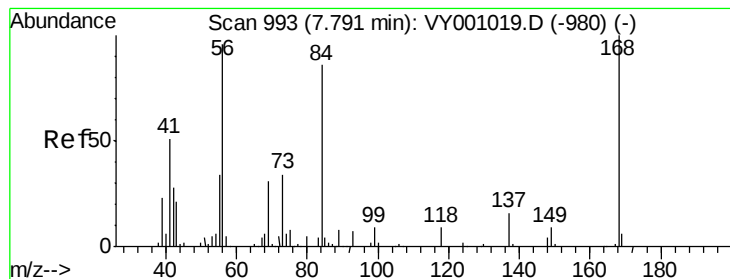
#30
Chloroform
Concen: 21.296 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 83 Resp: 132955
Ion Ratio Lower Upper
83 100
85 61.6 51.6 77.4



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





#31

Cyclohexane

Concen: 20.860 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

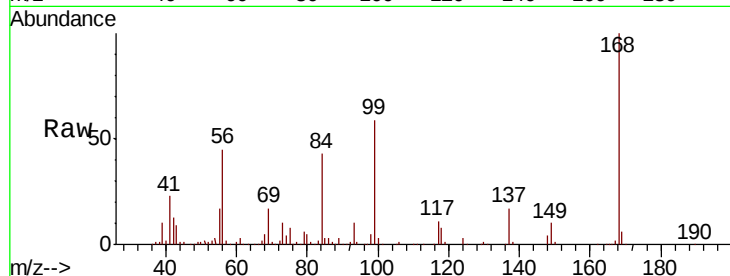
Tgt Ion: 56 Resp: 144832

Ion Ratio Lower Upper

56 100

69 38.5 26.1 39.1

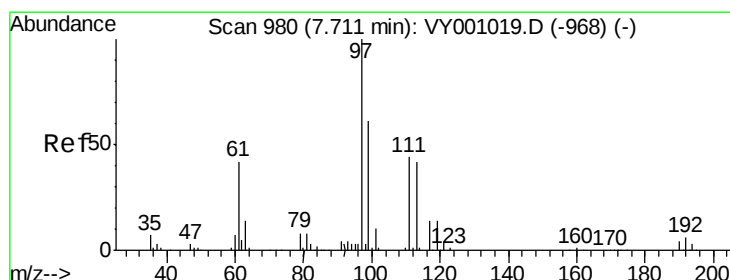
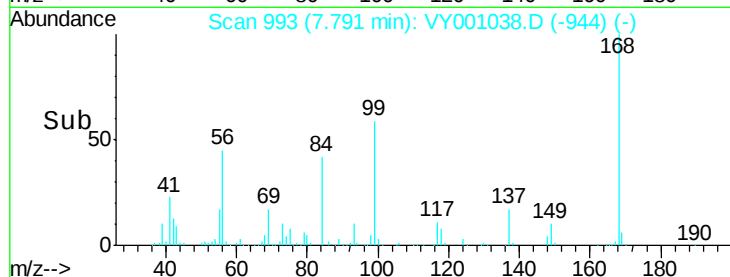
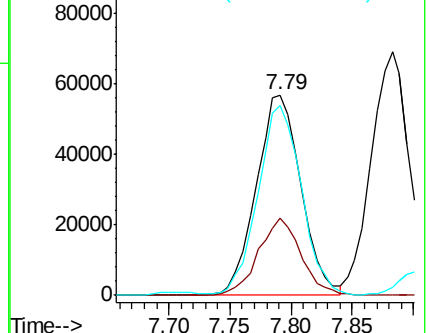
84 93.4 71.8 107.8



Abundance Ion 56.00 (55.70 to 56.70): VY001038.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY001038.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY001038.D (-944) (-)



#32

1,1,1-Trichloroethane

Concen: 20.564 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

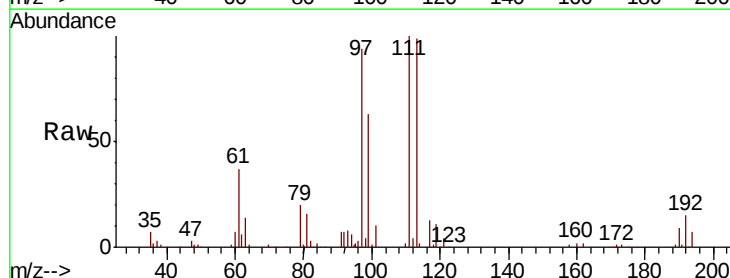
Tgt Ion: 97 Resp: 109521

Ion Ratio Lower Upper

97 100

99 66.0 50.6 76.0

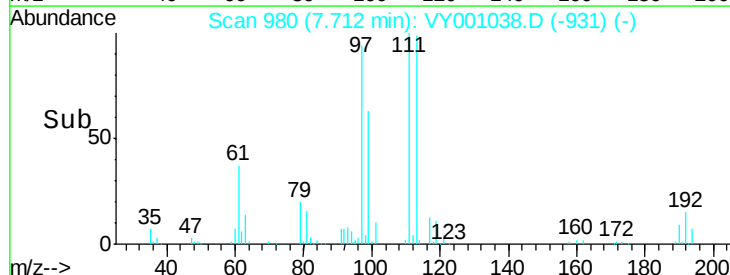
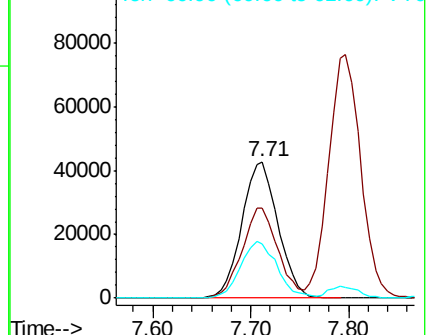
61 41.9 33.0 49.6

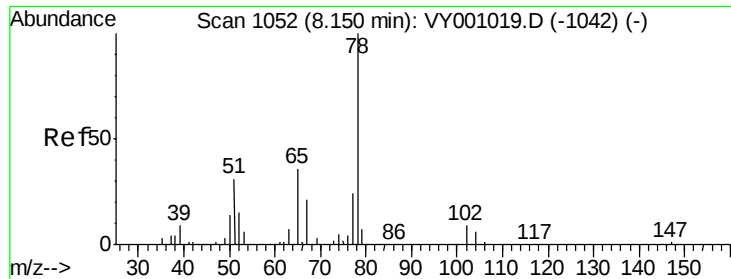


Abundance Ion 96.90 (96.60 to 97.60): VY001038.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY001038.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY001038.D (-931) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.952 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

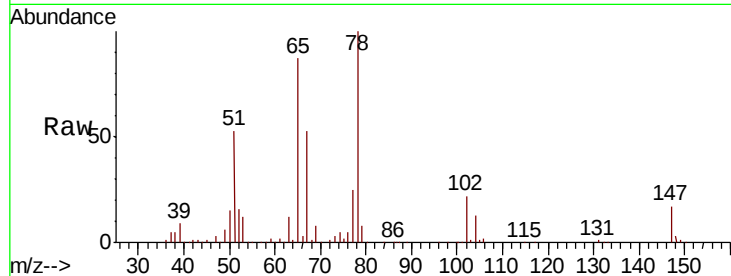
VY1224SBS01

Tgt Ion: 65 Resp: 159164

Ion Ratio Lower Upper

65 100

67 58.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

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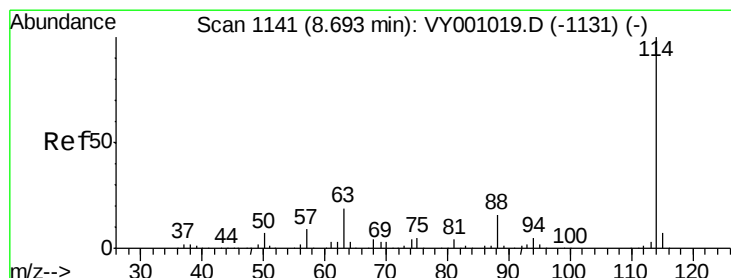
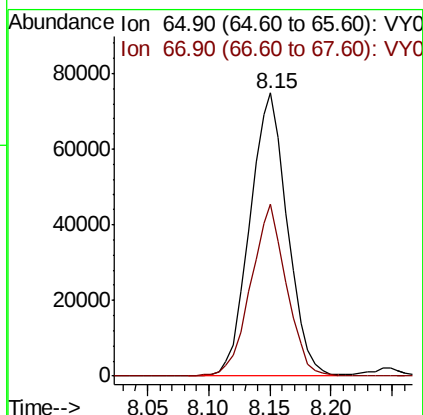
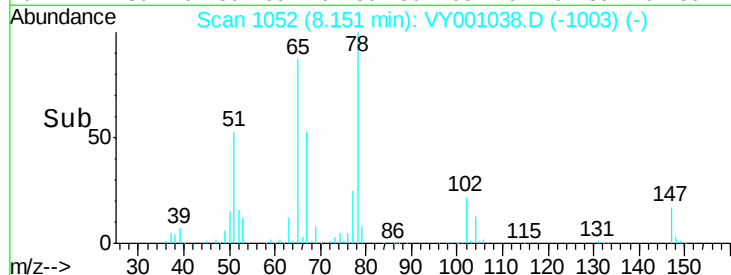
8.15

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8.15

8.15



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

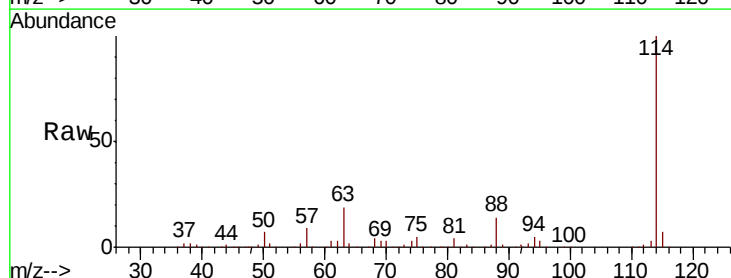
Tgt Ion: 114 Resp: 570123

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

88 14.4 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VY001019.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001019.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001019.D (-1131) (-)

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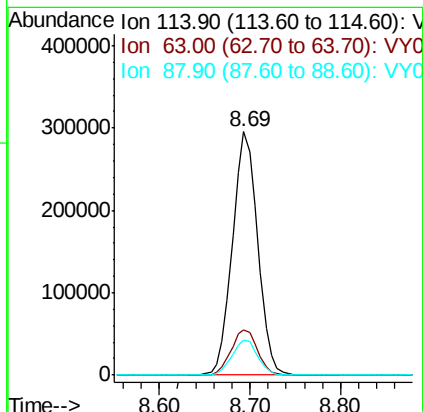
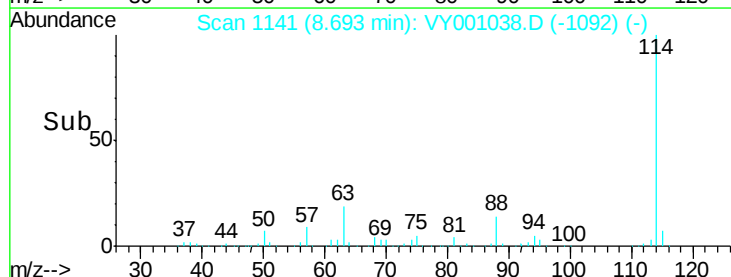
8.69

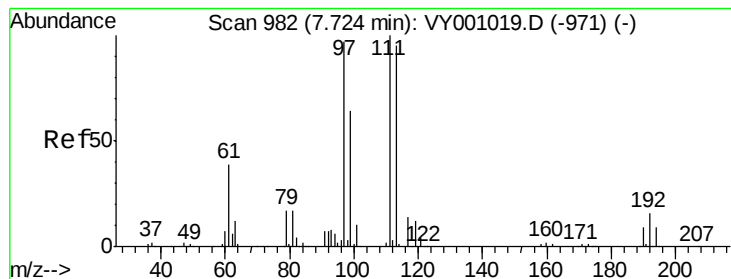
8.69

8.69

8.69

8.69





#35

Dibromofluoromethane

Concen: 47.911 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

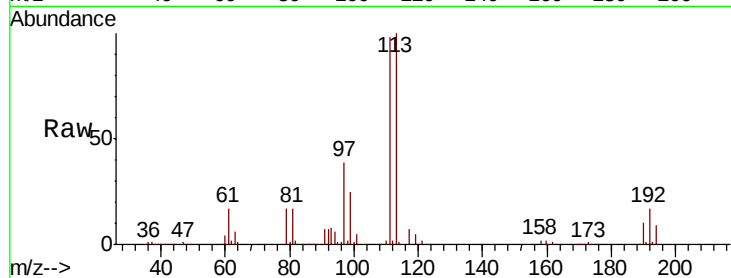
Tgt Ion:113 Resp: 160847

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

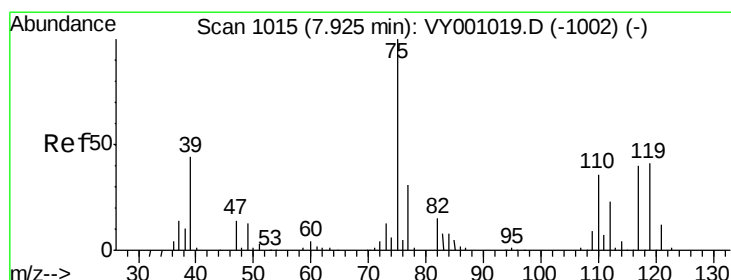
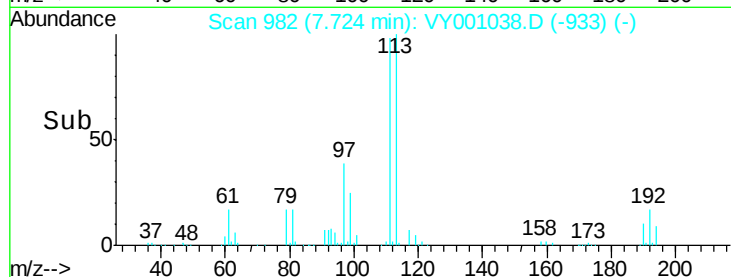
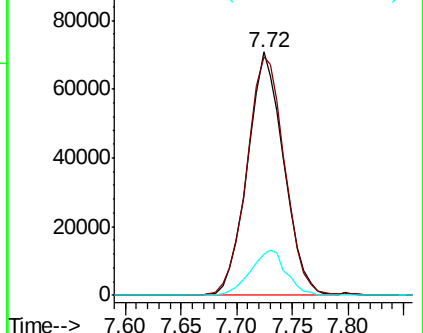
192 18.2 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.575 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

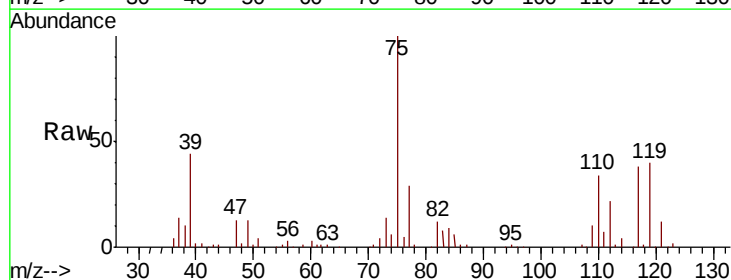
Tgt Ion: 75 Resp: 111907

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

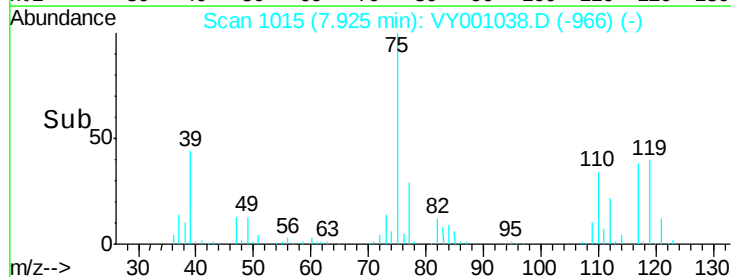
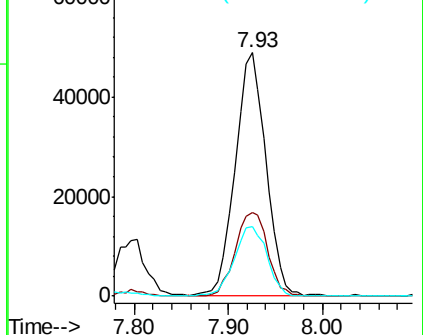
77 30.5 24.6 37.0

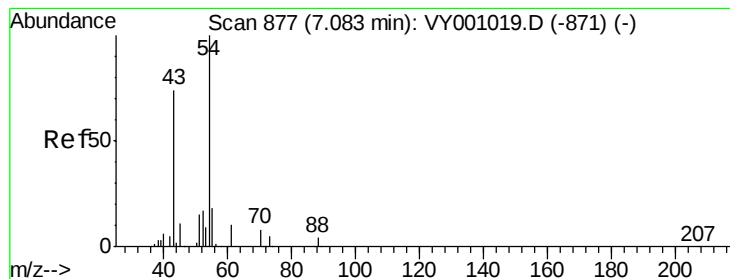


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 19.792 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

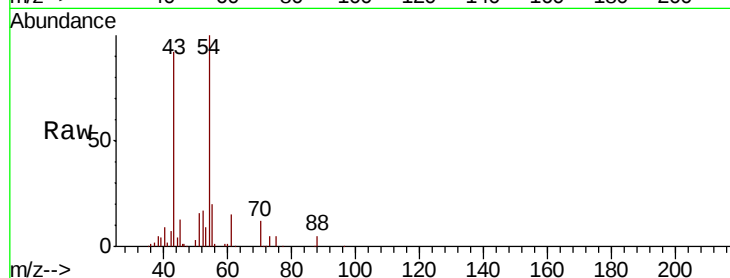
Tgt Ion: 43 Resp: 59606

Ion Ratio Lower Upper

43 100

61 16.2 12.5 18.7

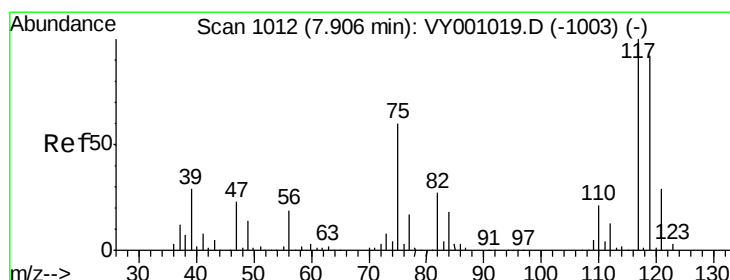
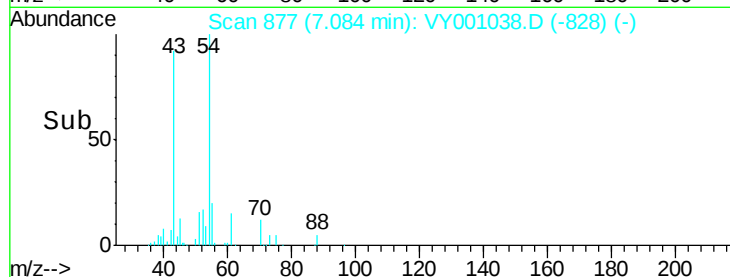
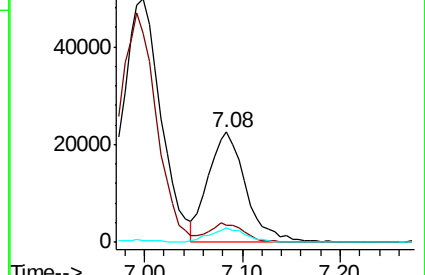
70 12.6 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-871) (-)

Ion 60.90 (60.60 to 61.60): VY001019.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY001019.D (-871) (-)



#38

Carbon Tetrachloride

Concen: 20.086 ug/l

RT: 7.90 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

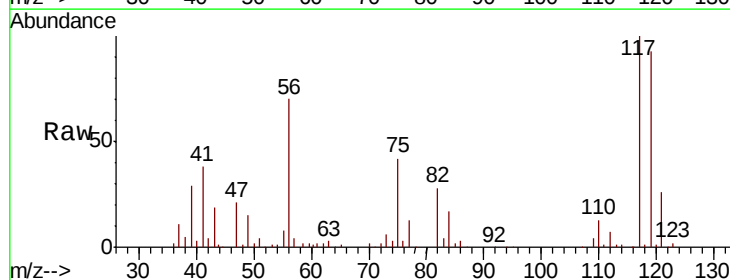
Tgt Ion: 117 Resp: 95718

Ion Ratio Lower Upper

117 100

119 92.8 74.2 111.2

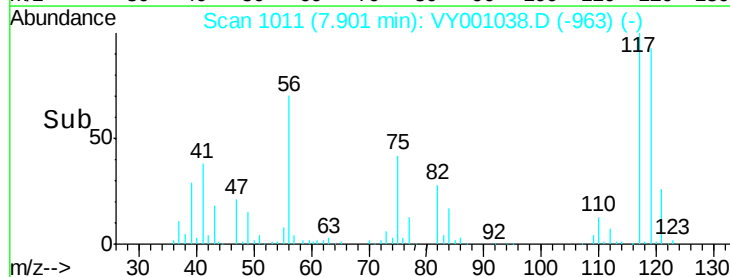
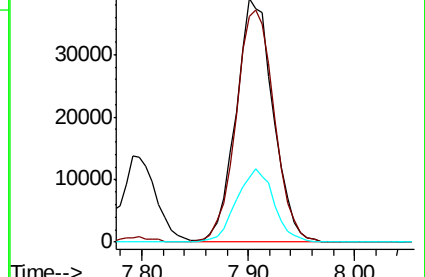
121 26.5 22.9 34.3

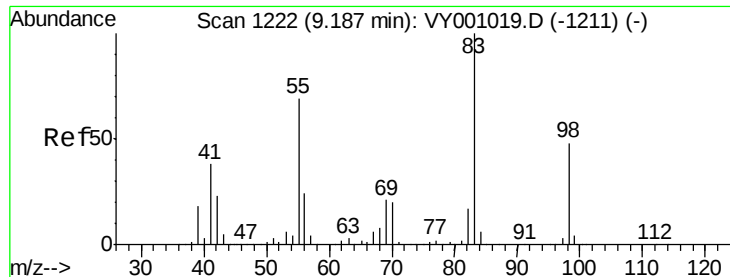


Abundance Ion 116.80 (116.50 to 117.50): VY001019.D (-1003) (-)

Ion 118.80 (118.50 to 119.50): VY001019.D (-1003) (-)

Ion 120.80 (120.50 to 121.50): VY001019.D (-1003) (-)

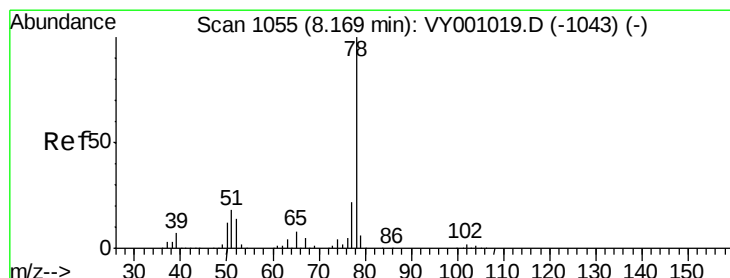
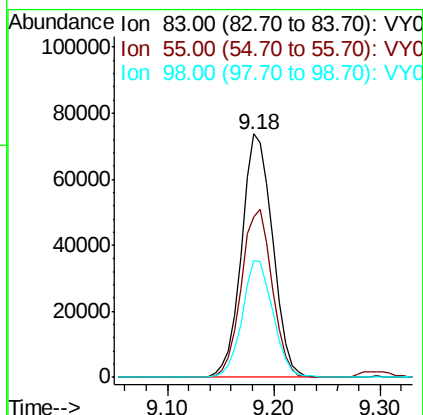
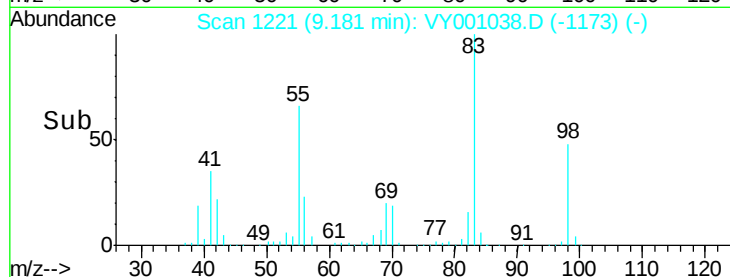
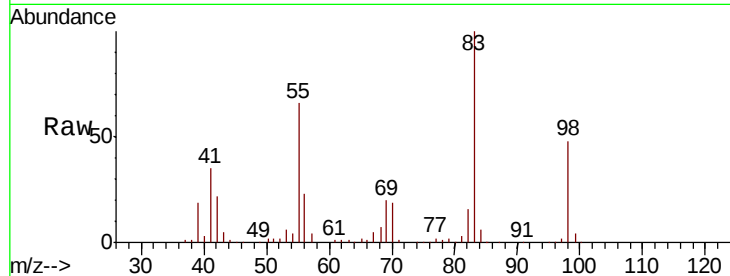




#39
Methylcyclohexane
Concen: 20.926 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

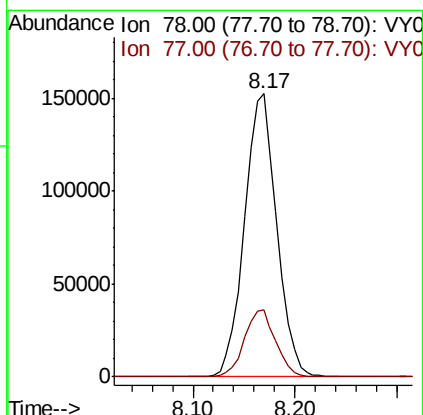
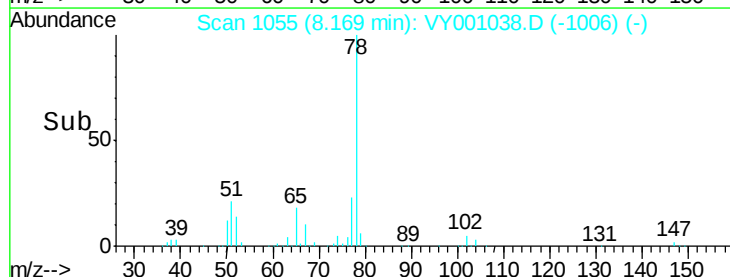
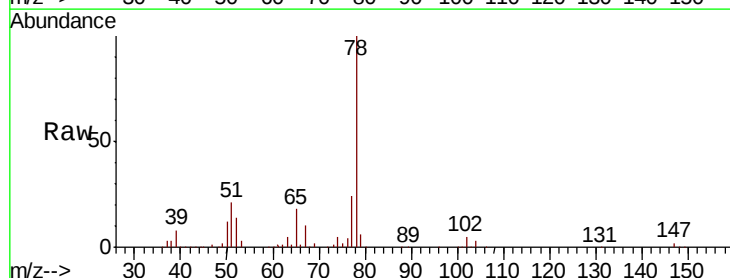
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

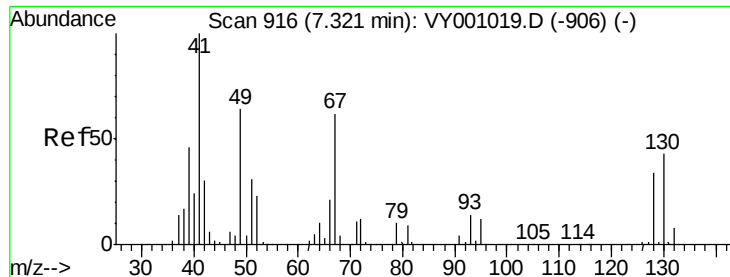
Tgt Ion: 83 Resp: 151140
Ion Ratio Lower Upper
83 100
55 65.8 55.1 82.7
98 47.8 38.3 57.5



#40
Benzene
Concen: 20.464 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 78 Resp: 335790
Ion Ratio Lower Upper
78 100
77 23.5 17.7 26.5

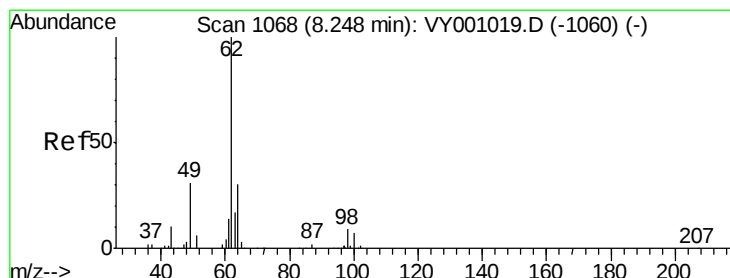
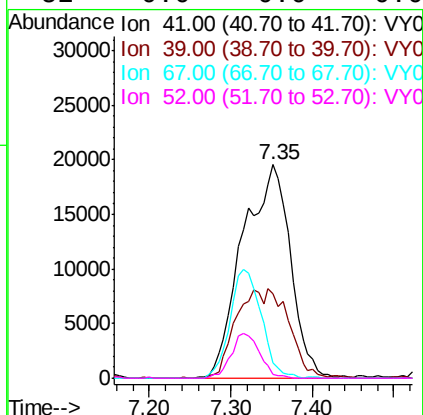
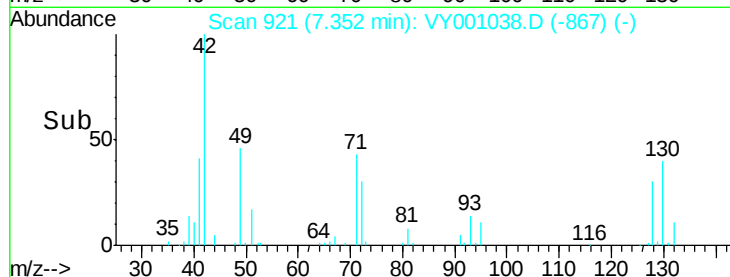
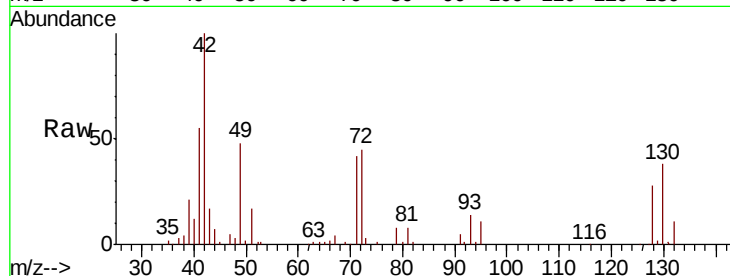




#41
Methacrylonitrile
Concen: 60.870 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

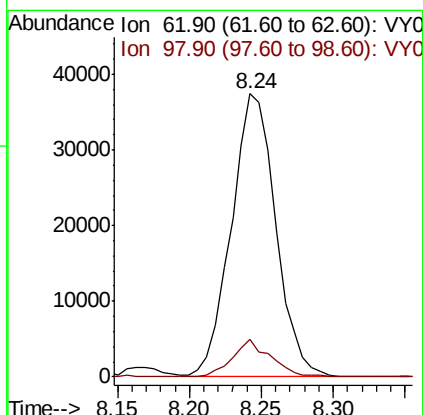
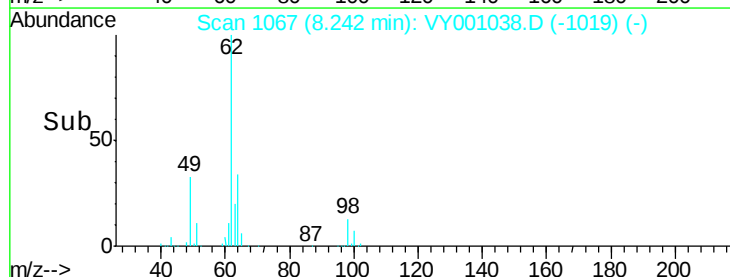
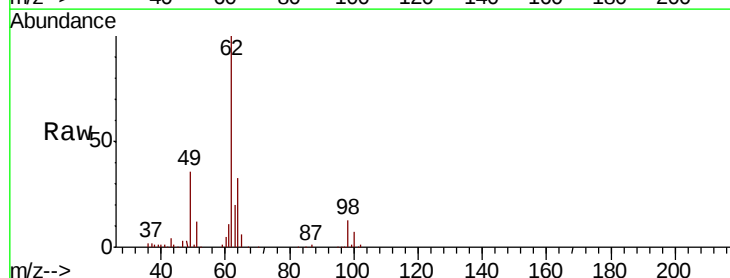
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

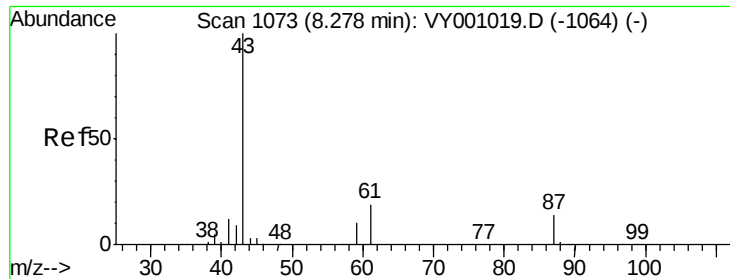
Tgt Ion:	41	Resp:	79477
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.464 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion:	62	Resp:	80282
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	23.4





#43

Isopropyl Acetate

Concen: 20.073 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

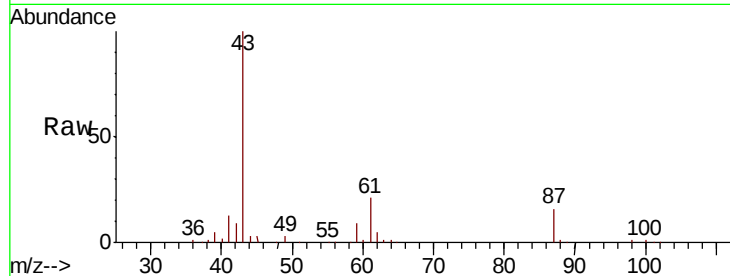
Tgt Ion: 43 Resp: 111907

Ion Ratio Lower Upper

43 100

61 31.2 25.0 37.6

87 15.1 12.0 18.0

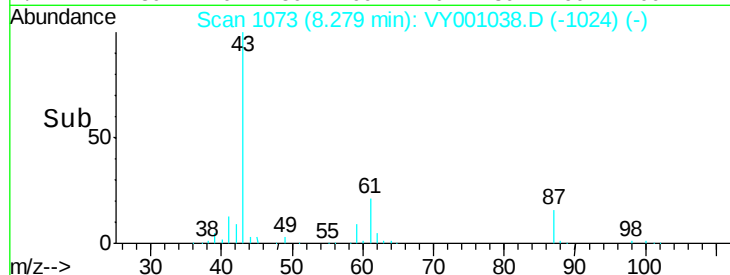


Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)

Time-->



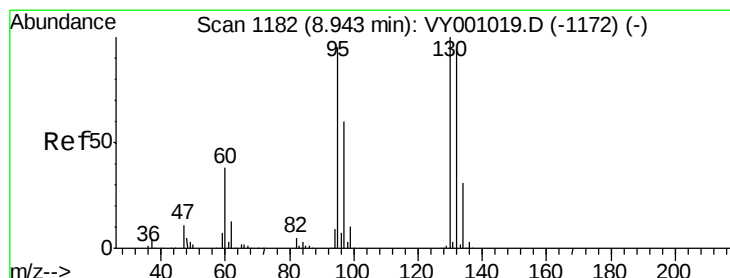
Abundance

Ion 43.00 (42.70 to 43.70): VY001038.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY001038.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY001038.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 20.731 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001038.D

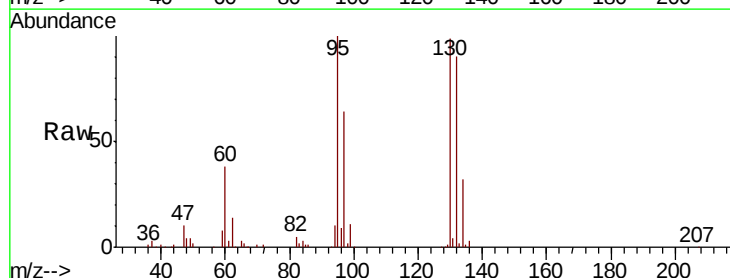
Acq: 24 Dec 2019 11:37

Tgt Ion: 130 Resp: 89628

Ion Ratio Lower Upper

130 100

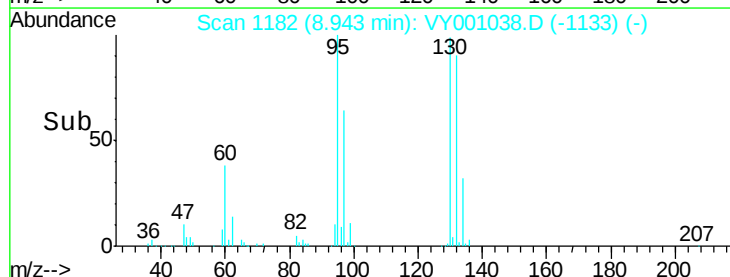
95 100.9 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

Time-->

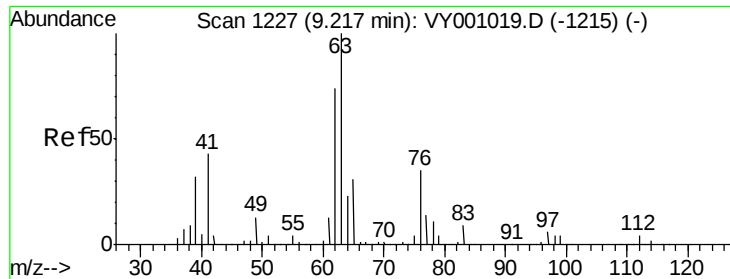


Abundance

Ion 129.80 (129.50 to 130.50): VY001038.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY001038.D (-1133) (-)

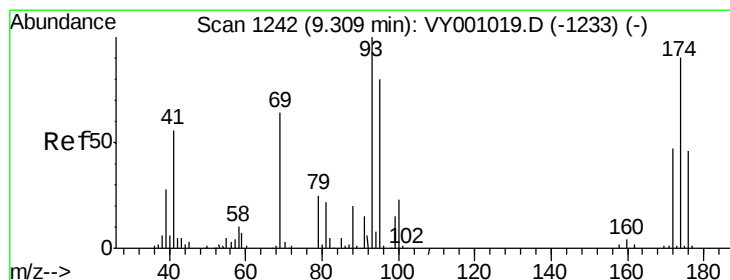
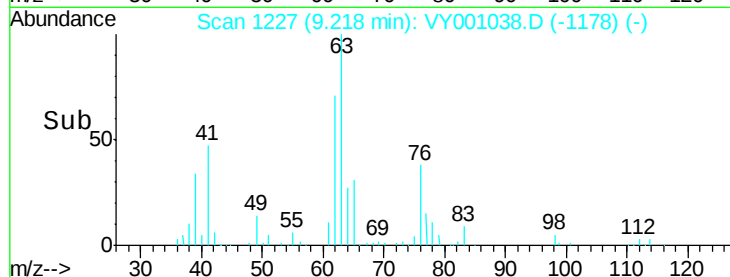
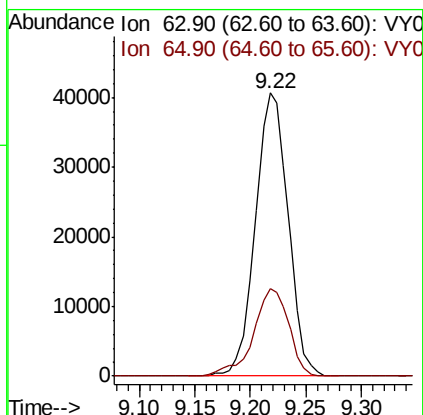
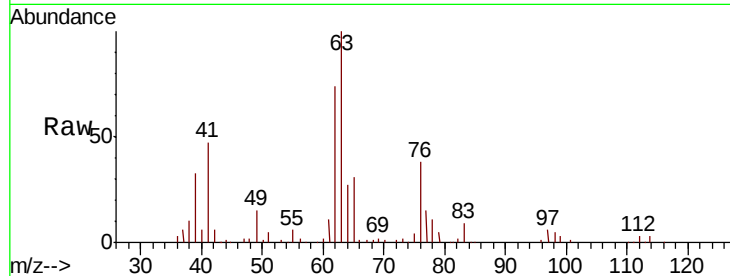
Time-->



#45
 1,2-Dichloropropane
 Concen: 20.281 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

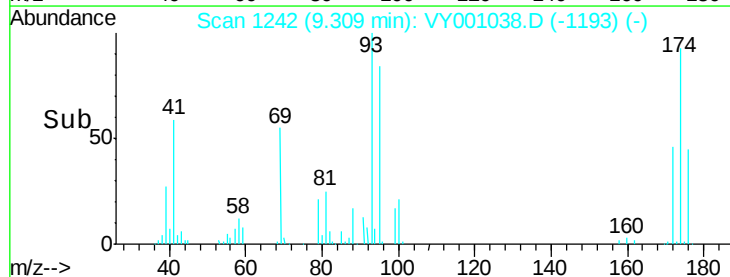
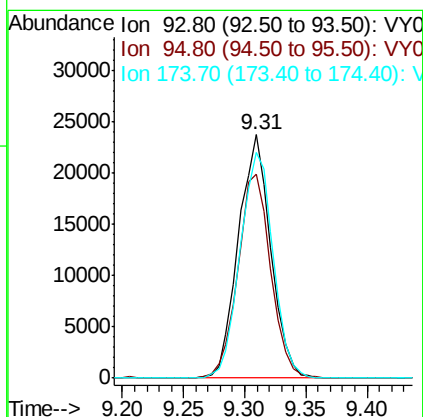
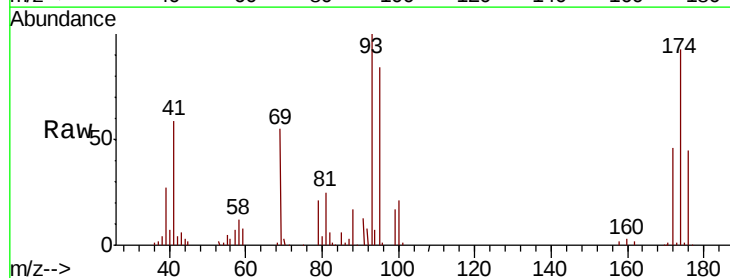
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

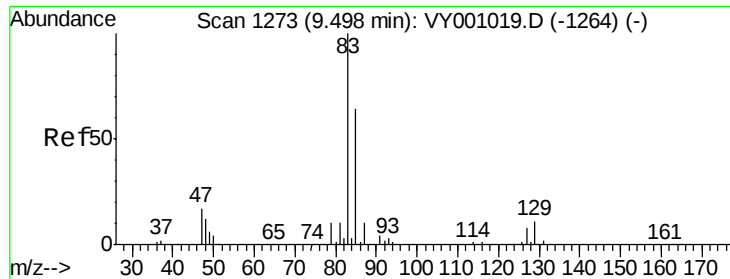
Tgt Ion: 63 Resp: 83483
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7



#46
 Dibromomethane
 Concen: 20.496 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 93 Resp: 43492
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 94.8 73.6 110.4





#47

Bromodichloromethane

Concen: 20.287 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

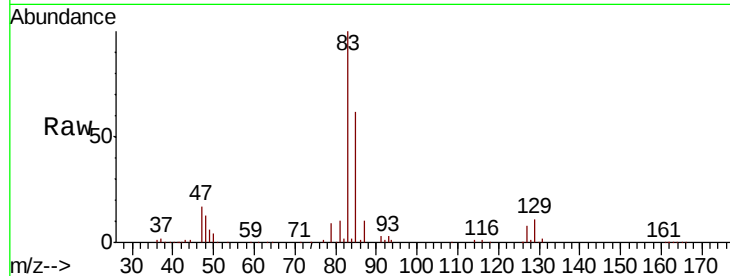
Tgt Ion: 83 Resp: 99713

Ion Ratio Lower Upper

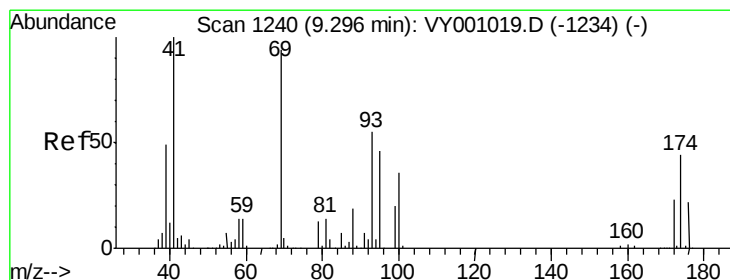
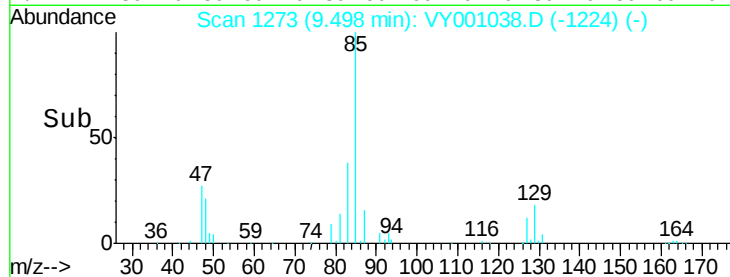
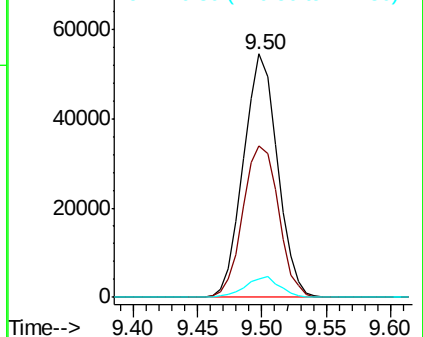
83 100

85 62.0 50.9 76.3

127 7.7 6.4 9.6



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: 21.042 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

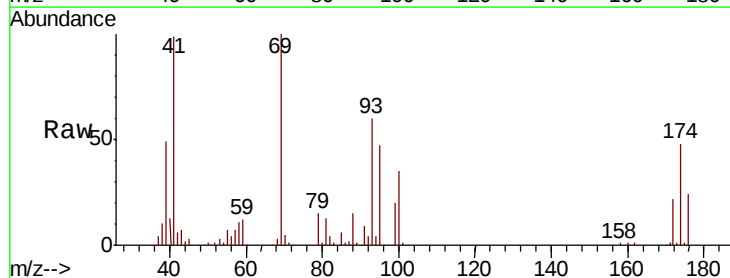
Tgt Ion: 41 Resp: 50059

Ion Ratio Lower Upper

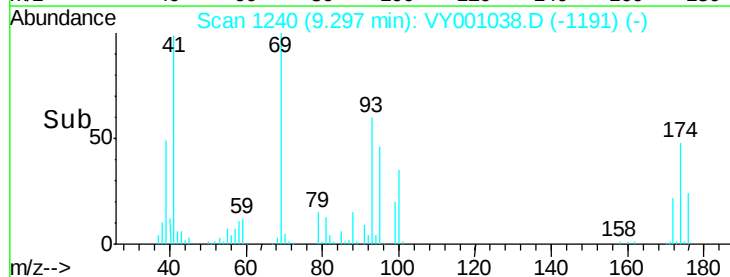
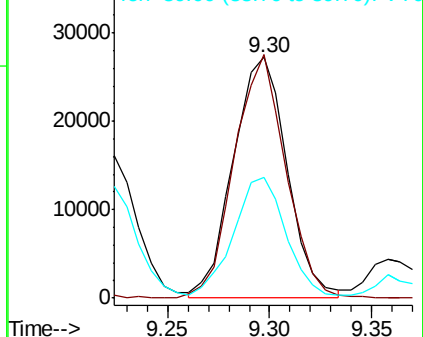
41 100

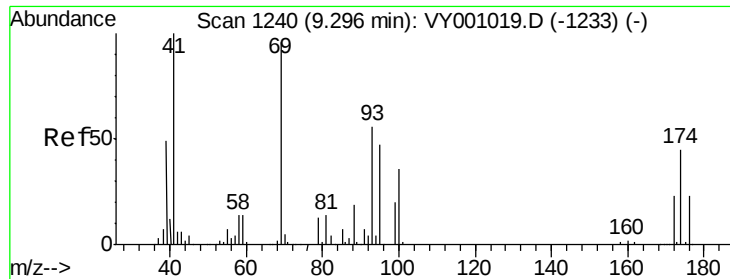
69 96.4 79.8 119.6

39 47.1 41.7 62.5



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

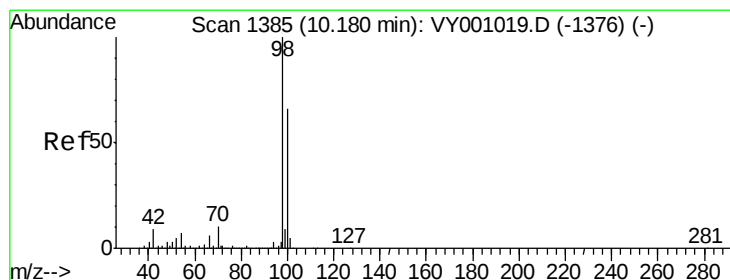
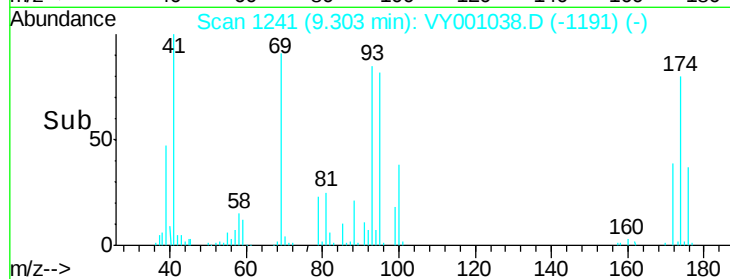
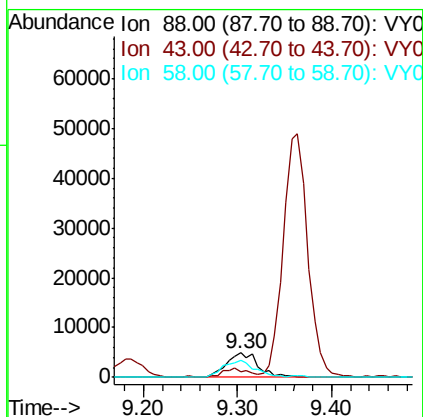
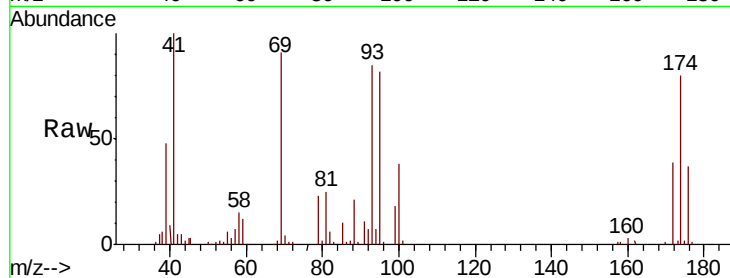




#49
1,4-Dioxane
Concen: 379.120 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

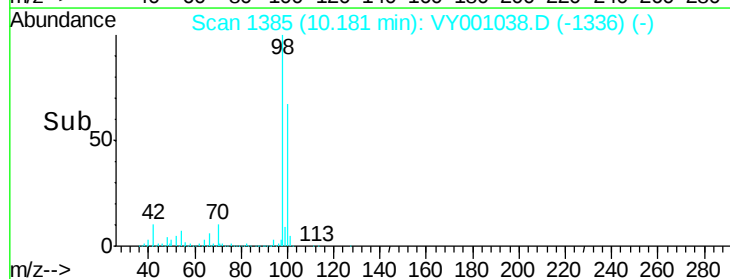
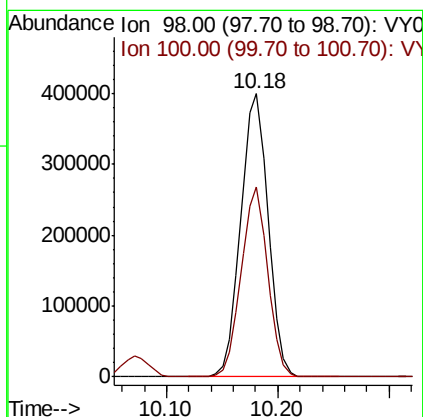
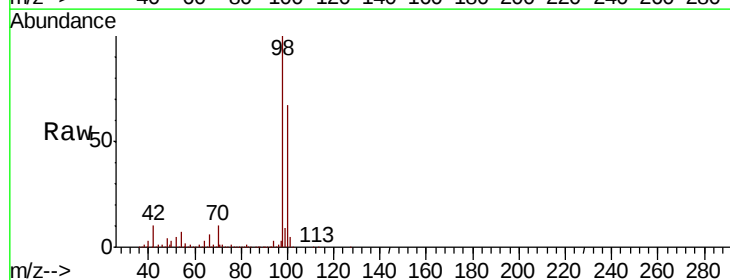
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

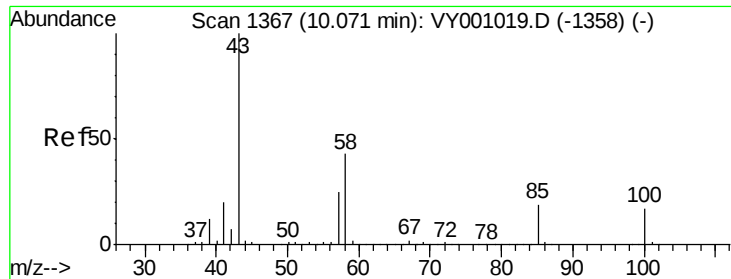
Tgt Ion: 88 Resp: 11768
Ion Ratio Lower Upper
88 100
43 25.5 23.0 34.4
58 67.9 54.9 82.3



#50
Toluene-d8
Concen: 51.934 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 98 Resp: 681365
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

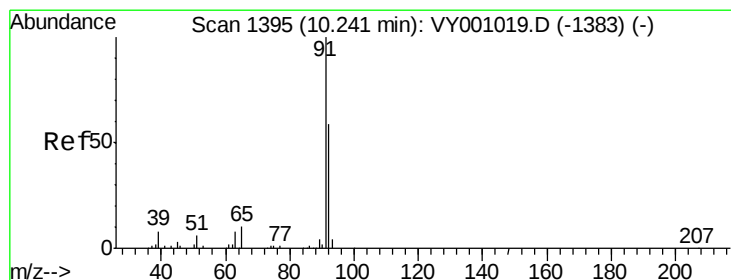
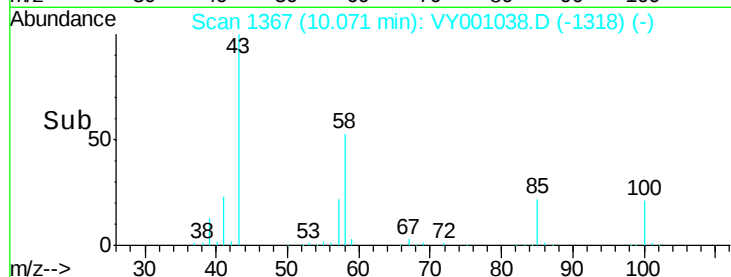
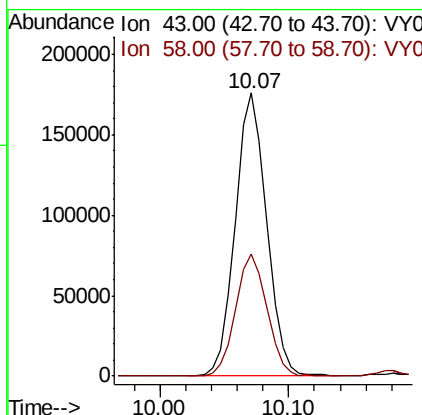
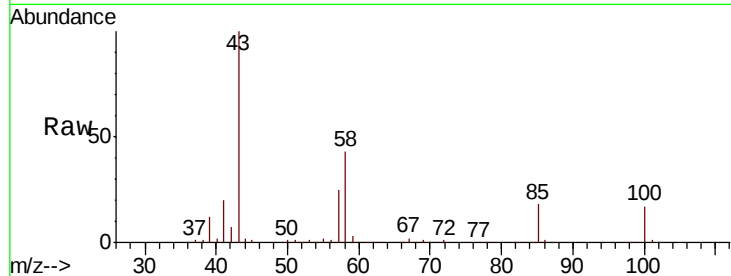




#51
 4-Methyl-2-Pentanone
 Concen: 102.221 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

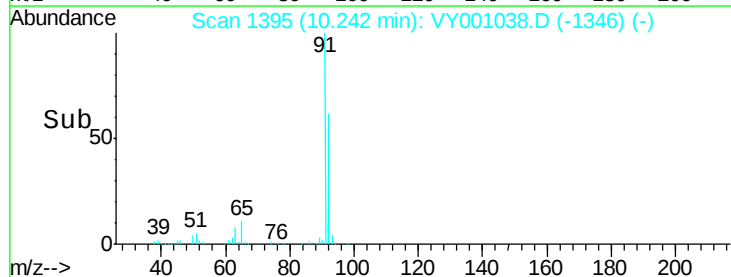
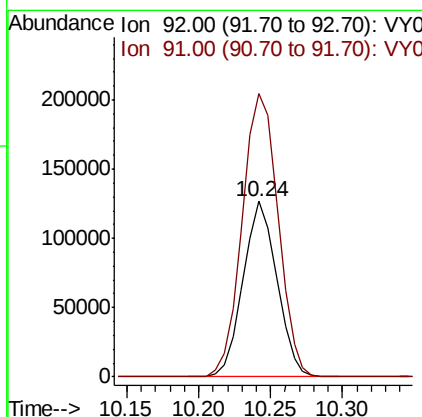
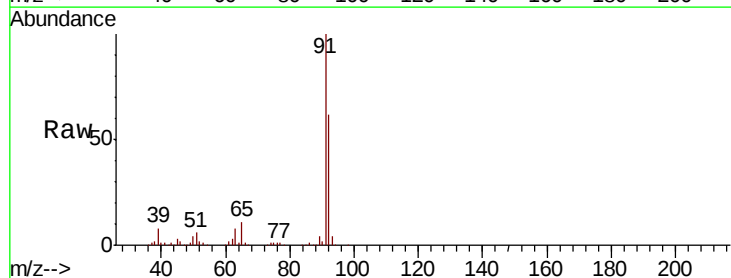
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

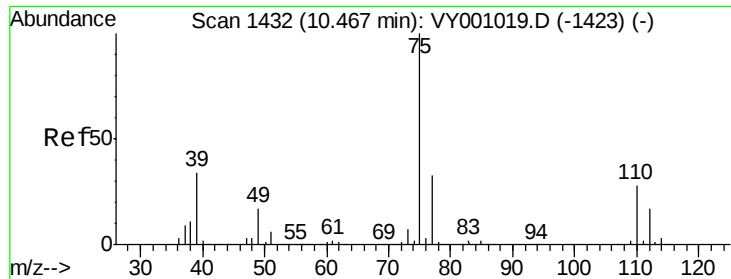
Tgt Ion: 43 Resp: 297028
 Ion Ratio Lower Upper
 43 100
 58 43.1 34.6 52.0



#52
 Toluene
 Concen: 20.450 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 92 Resp: 206532
 Ion Ratio Lower Upper
 92 100
 91 171.1 135.7 203.5

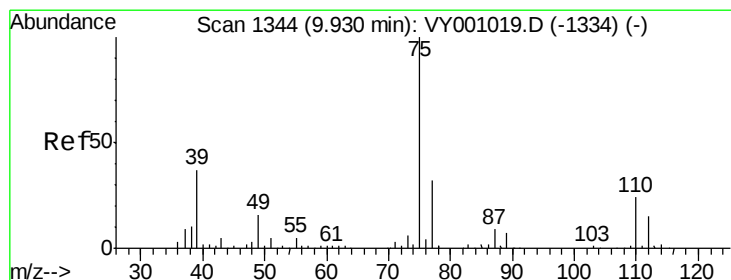
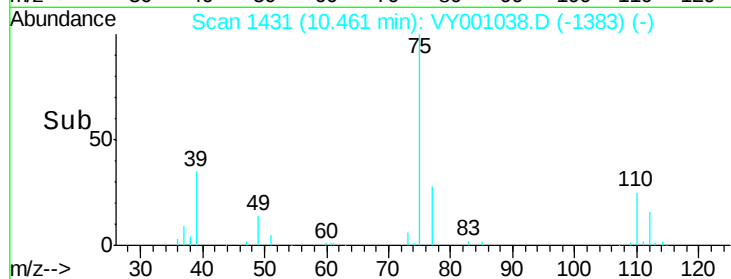
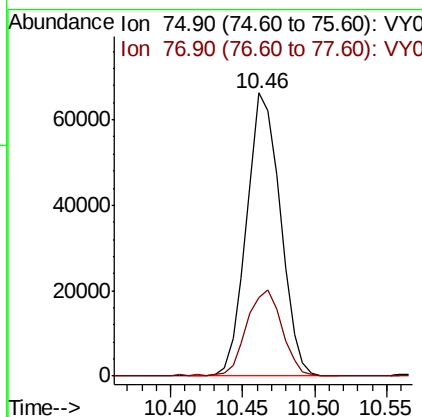
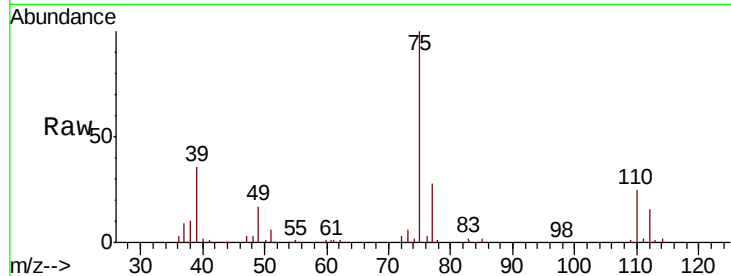




#53
 t-1,3-Dichloropropene
 Concen: 20.115 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

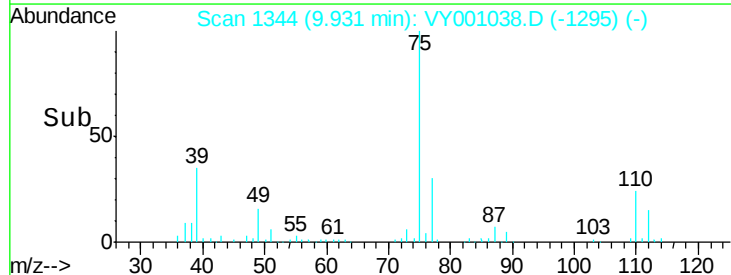
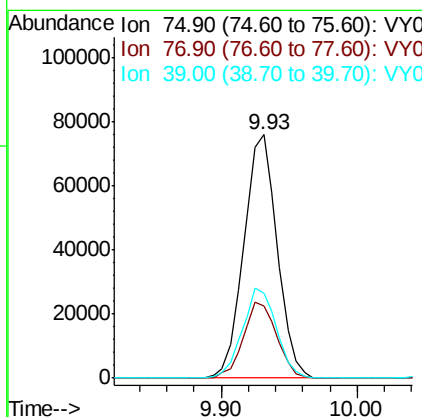
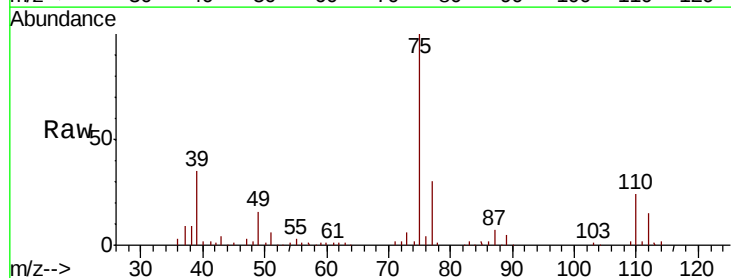
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

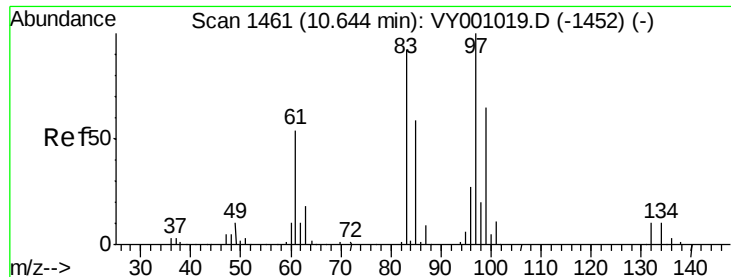
Tgt Ion: 75 Resp: 107302
 Ion Ratio Lower Upper
 75 100
 77 27.9 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.280 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 75 Resp: 130085
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.2 37.8
 39 35.0 29.5 44.3

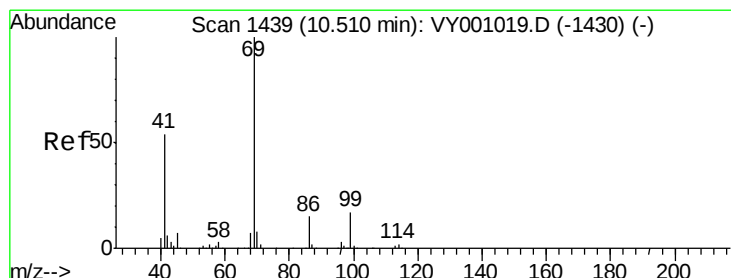
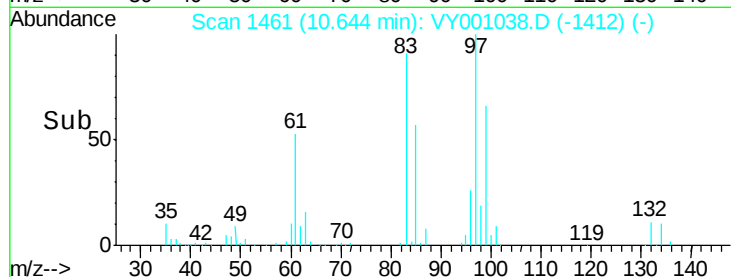
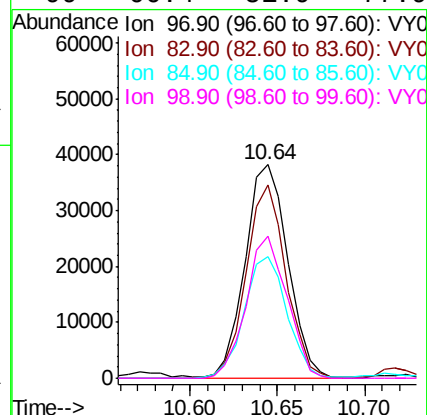
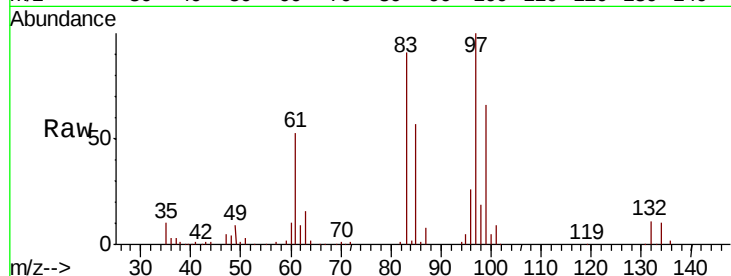




#55
 1,1,2-Trichloroethane
 Concen: 20.550 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

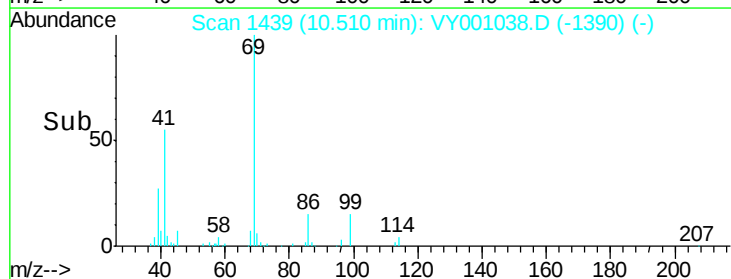
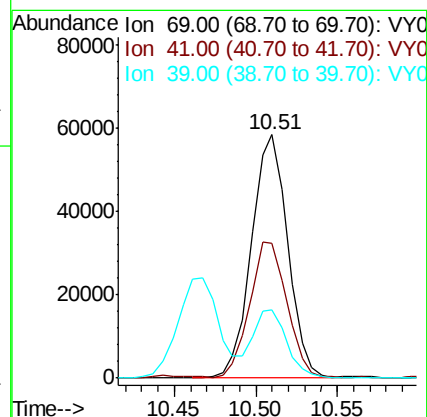
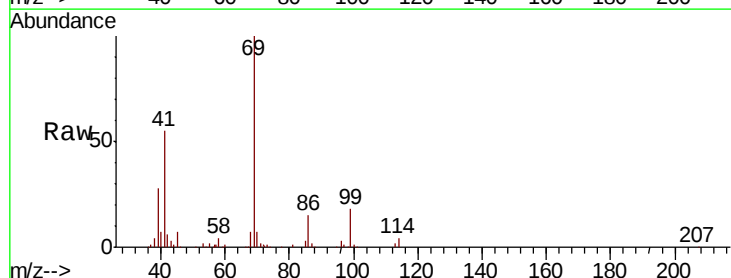
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

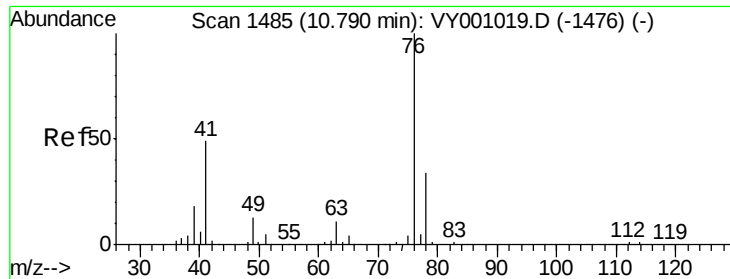
Tgt Ion: 97 Resp: 65098
 Ion Ratio Lower Upper
 97 100
 83 90.8 73.7 110.5
 85 56.9 47.3 70.9
 99 66.4 51.9 77.9



#56
 Ethyl methacrylate
 Concen: 20.192 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 69 Resp: 91037
 Ion Ratio Lower Upper
 69 100
 41 57.2 44.7 67.1
 39 27.7 22.2 33.4

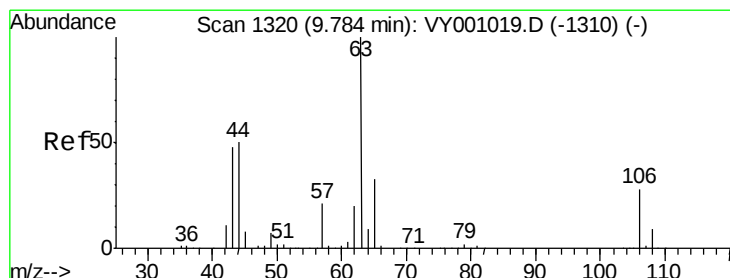
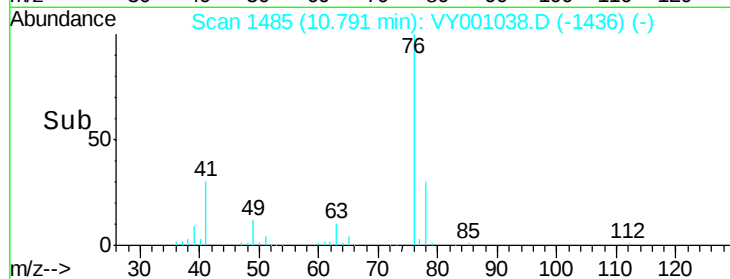
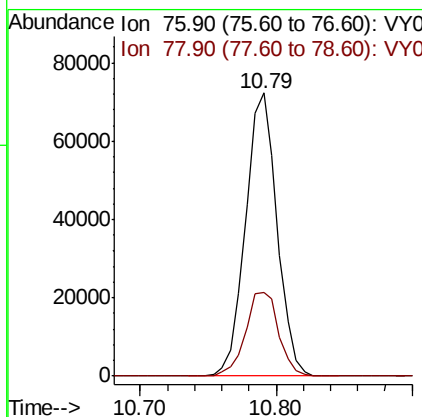
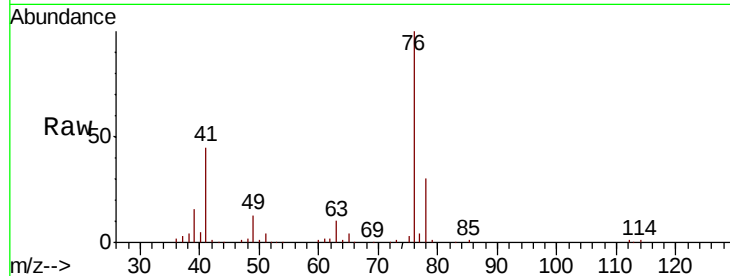




#57
 1,3-Dichloropropane
 Concen: 21.075 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

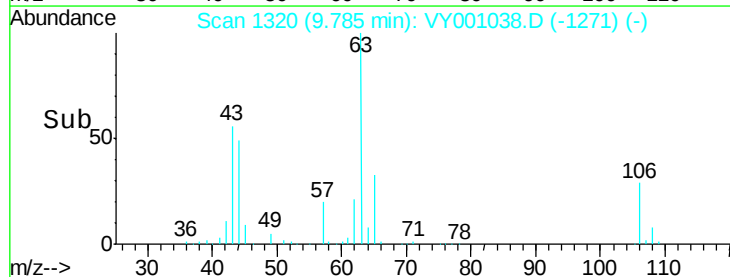
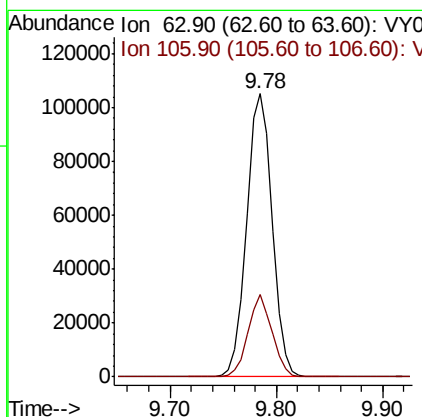
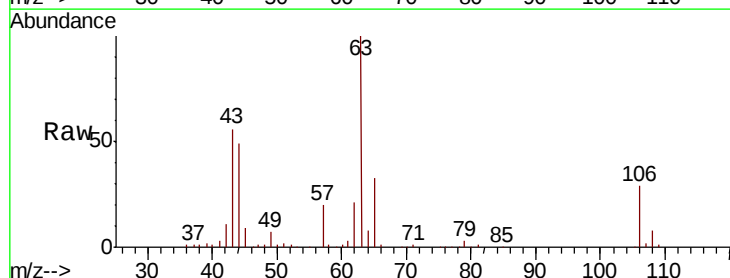
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

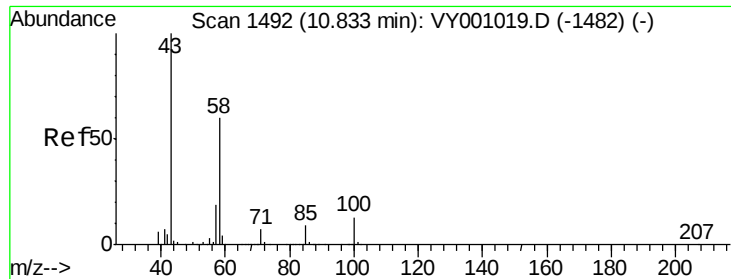
Tgt Ion: 76 Resp: 117019
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.471 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 63 Resp: 176698
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.7 34.1

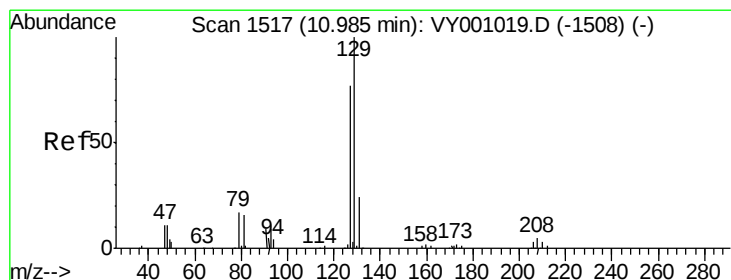
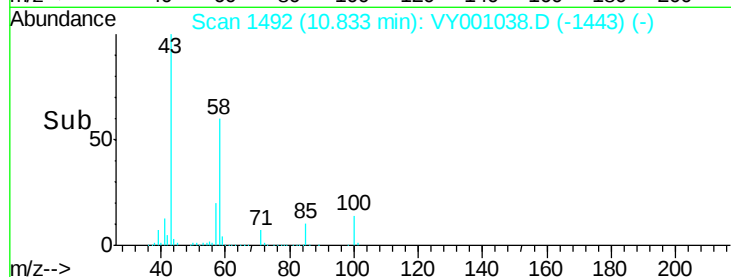
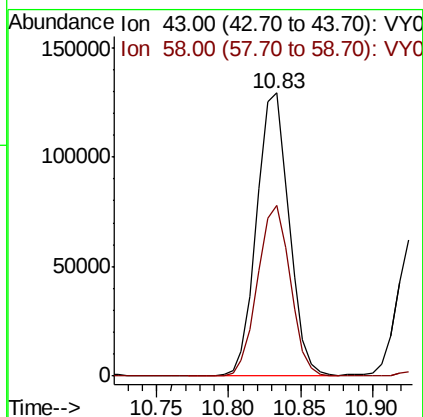
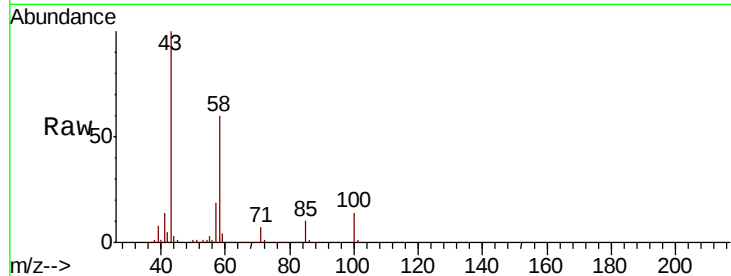




#59
2-Hexanone
Concen: 99.884 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

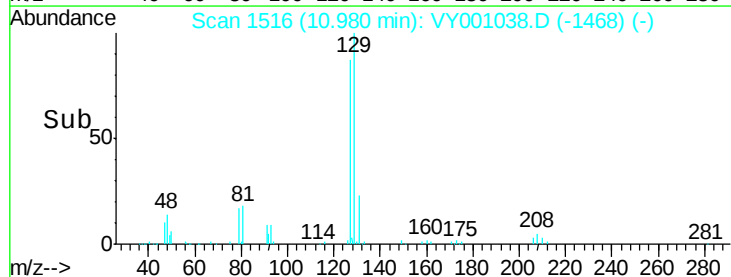
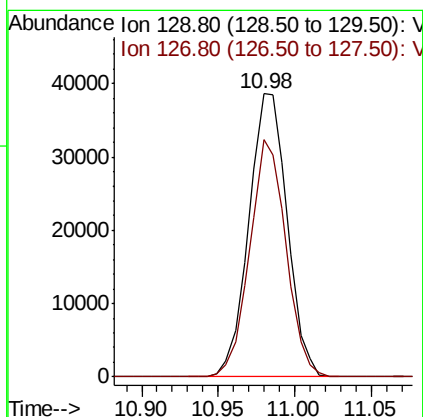
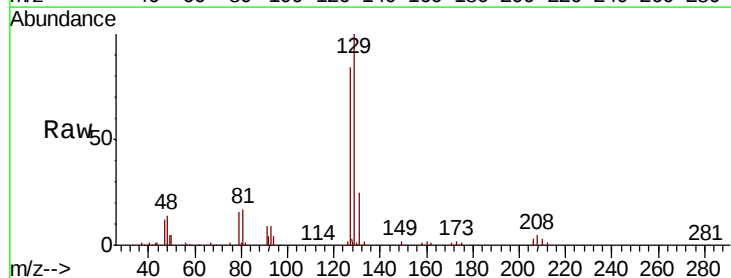
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

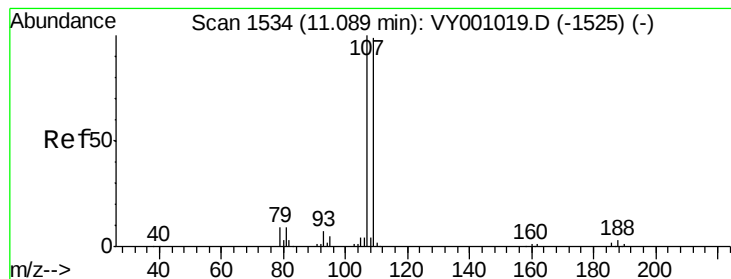
Tgt Ion: 43 Resp: 200828
Ion Ratio Lower Upper
43 100
58 60.8 30.6 91.6



#60
Dibromochloromethane
Concen: 19.932 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 129 Resp: 67444
Ion Ratio Lower Upper
129 100
127 79.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.007 ug/l

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

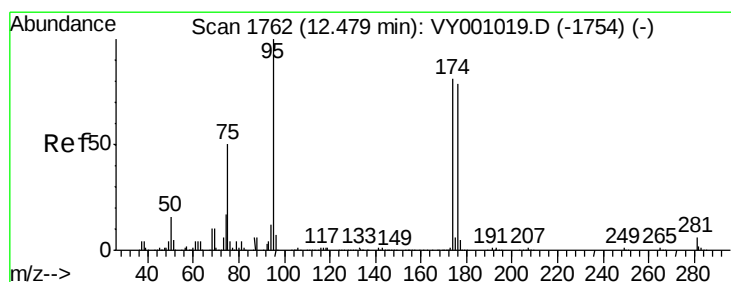
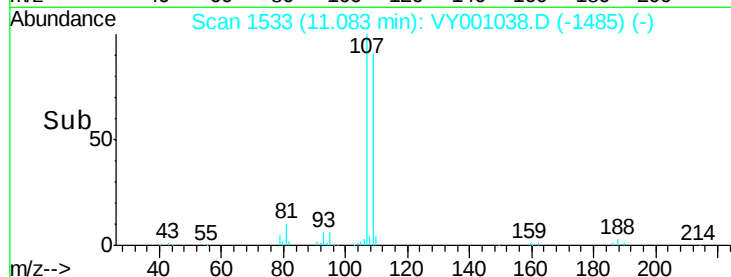
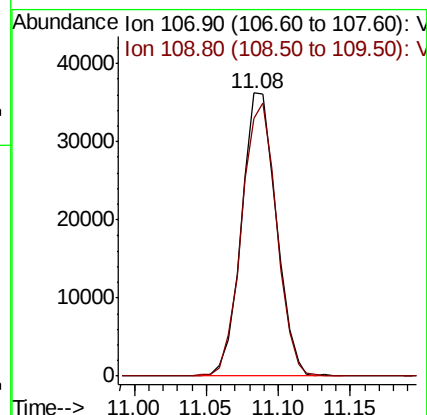
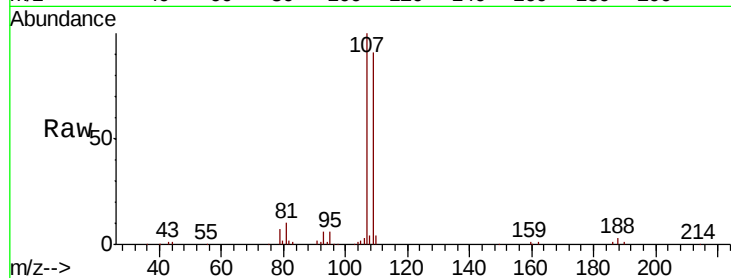
VY1224SBS01

Tgt Ion: 107 Resp: 60605

Ion Ratio Lower Upper

107 100

109 97.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 46.705 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

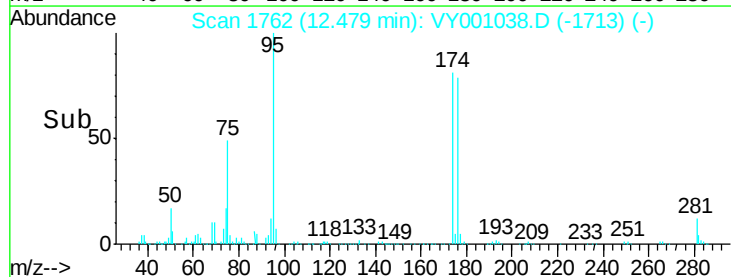
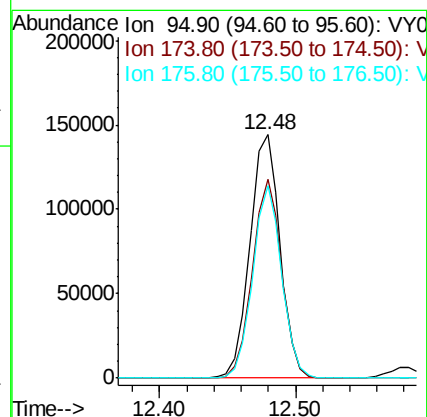
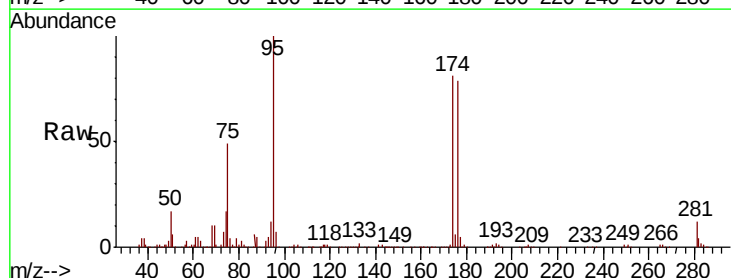
Tgt Ion: 95 Resp: 224035

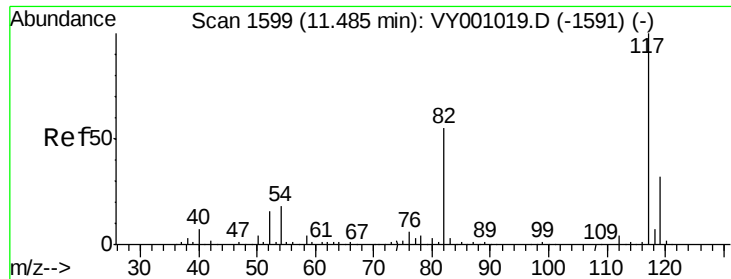
Ion Ratio Lower Upper

95 100

174 79.1 0.0 156.4

176 76.0 0.0 155.0

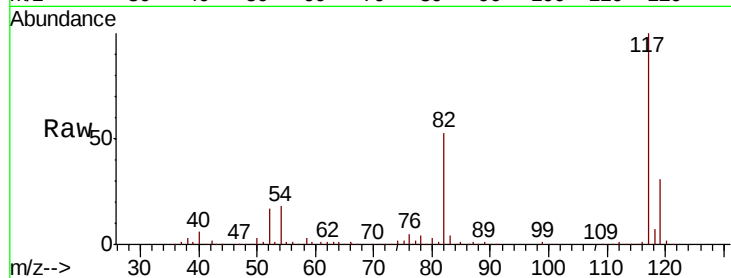




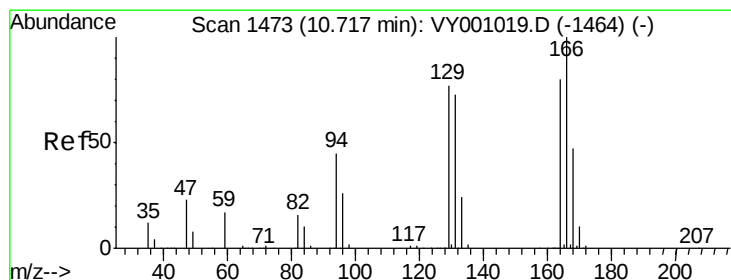
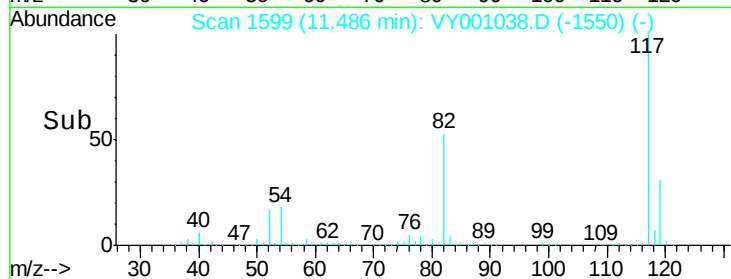
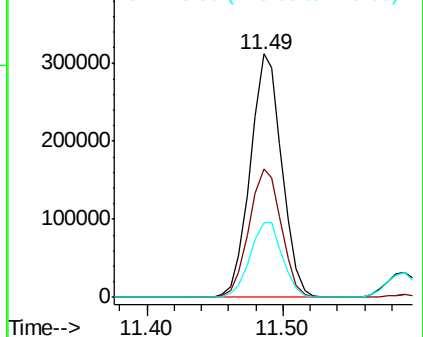
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion:117 Resp: 505529
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.8
119 30.8 25.8 38.6

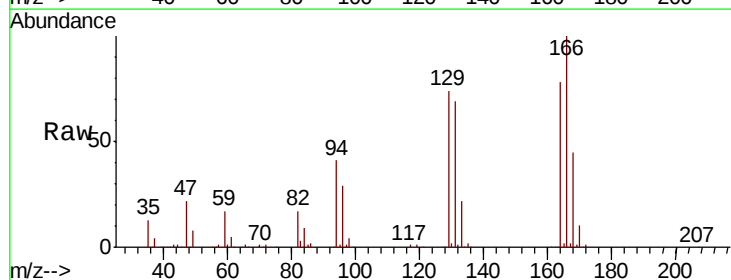


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

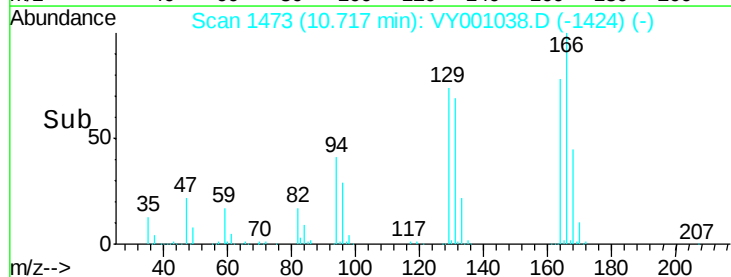
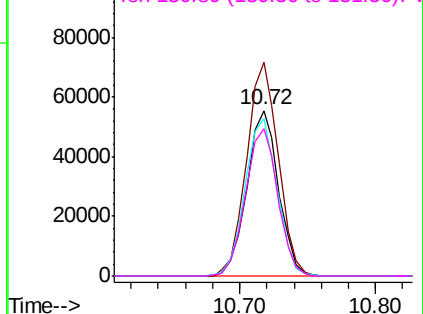


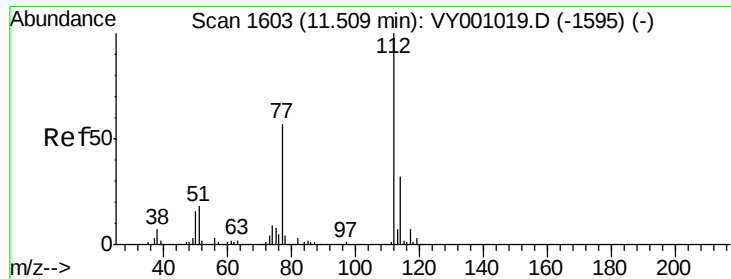
#64
Tetrachloroethene
Concen: 20.575 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion:164 Resp: 89996
Ion Ratio Lower Upper
164 100
166 129.0 99.7 149.5
129 95.1 76.9 115.3
131 88.9 72.3 108.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

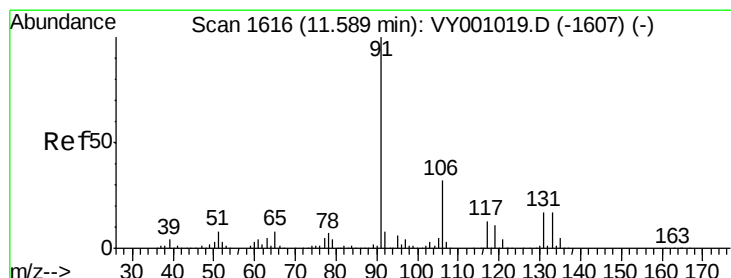
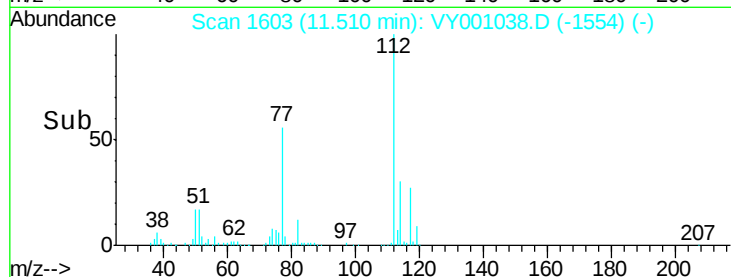
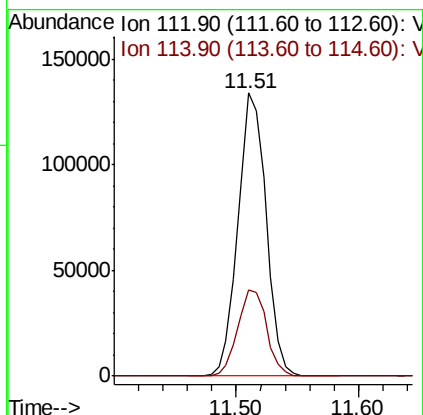
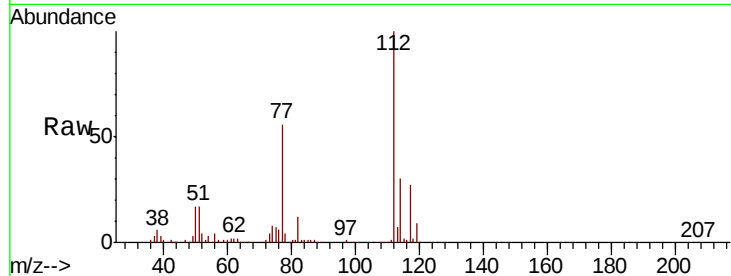




#65
Chlorobenzene
Concen: 20.287 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

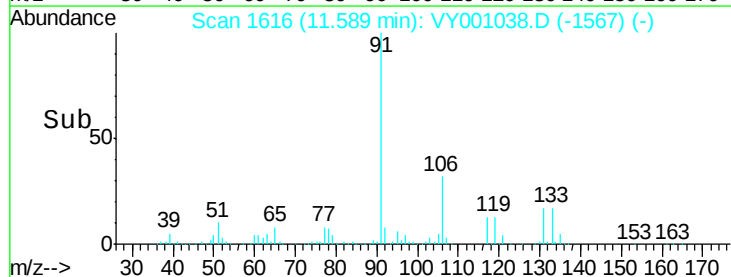
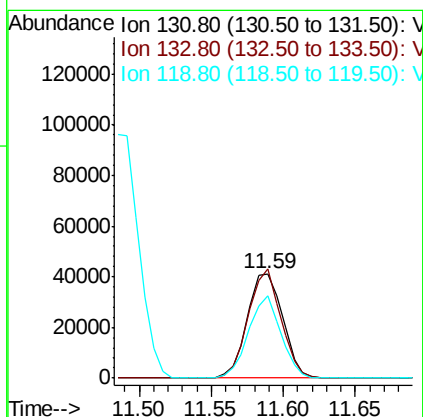
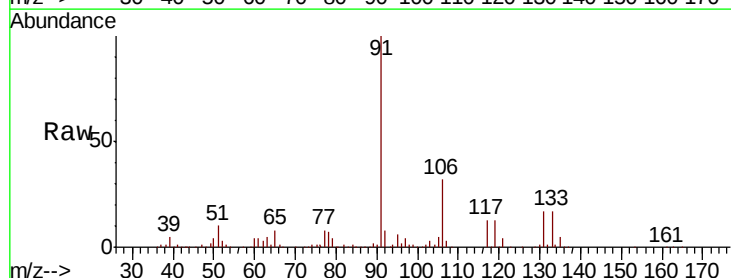
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

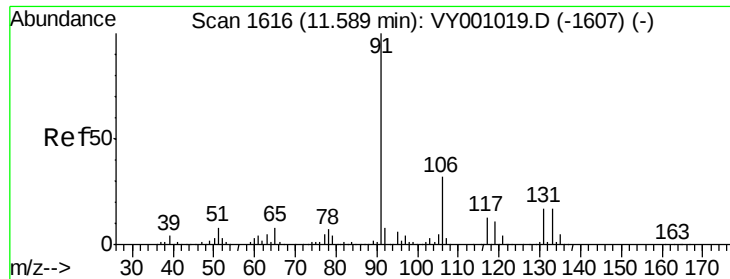
Tgt Ion:112 Resp: 212739
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.370 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion:131 Resp: 70491
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 71.7 34.0 101.8

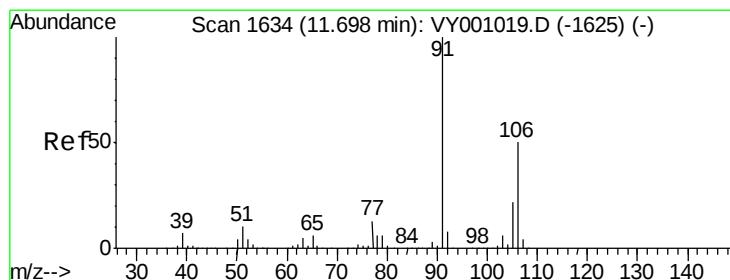
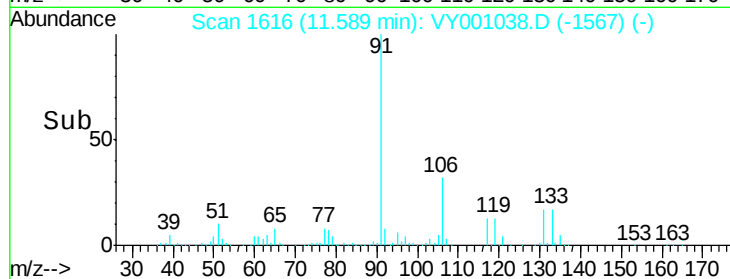
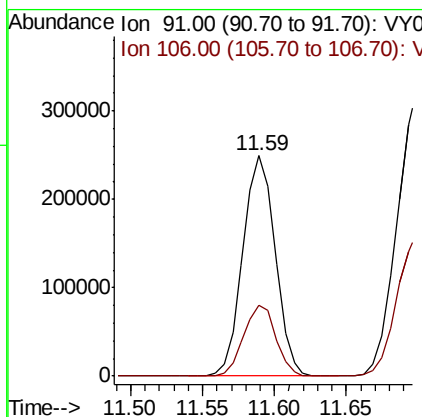
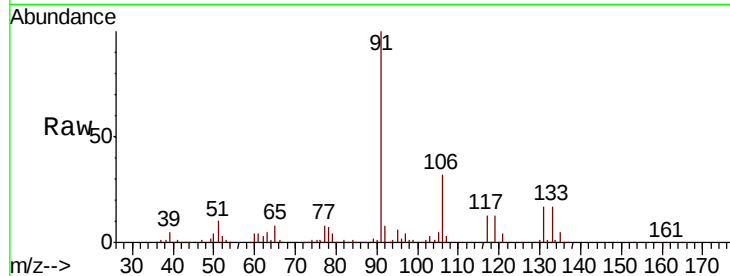




#67
Ethyl Benzene
Concen: 20.615 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

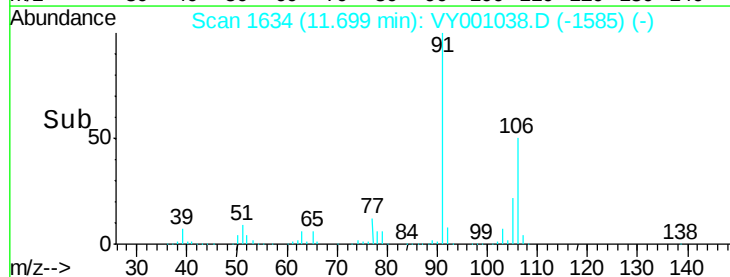
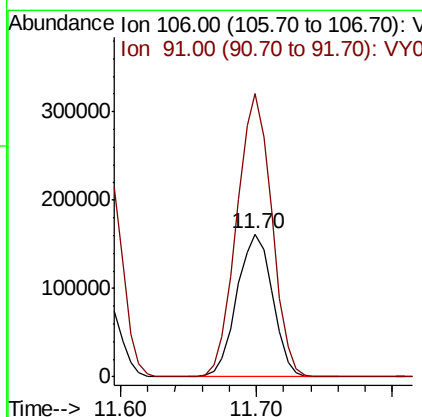
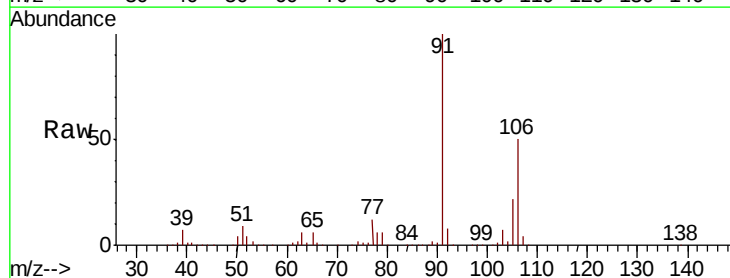
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

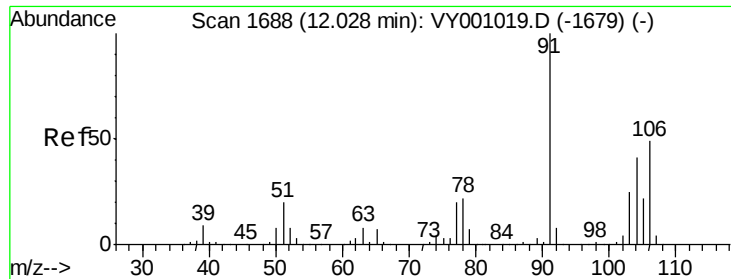
Tgt Ion: 91 Resp: 388820
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 41.262 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 106 Resp: 295498
Ion Ratio Lower Upper
106 100
91 195.2 156.4 234.6

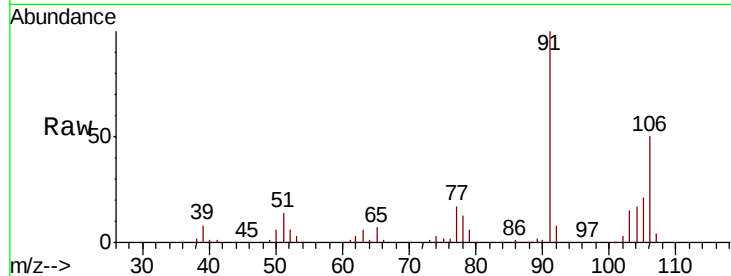




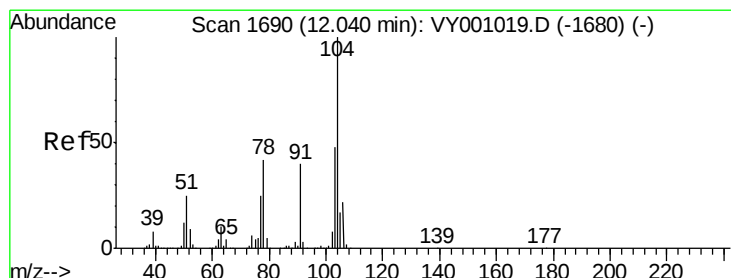
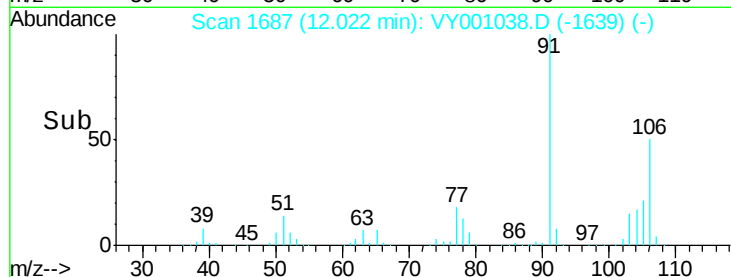
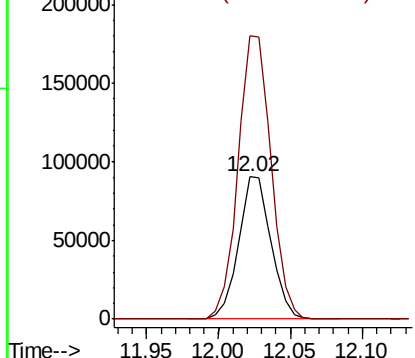
#69
o-Xylene
Concen: 20.894 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion:106 Resp: 140774
Ion Ratio Lower Upper
106 100
91 203.5 103.0 309.0

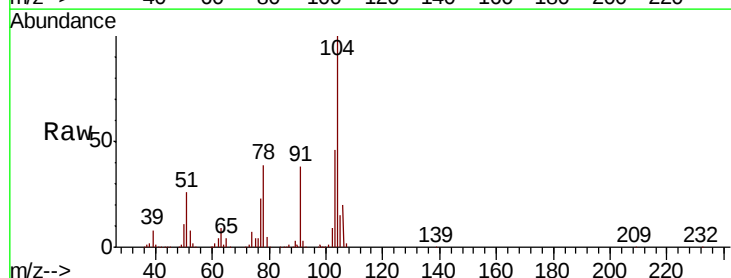


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

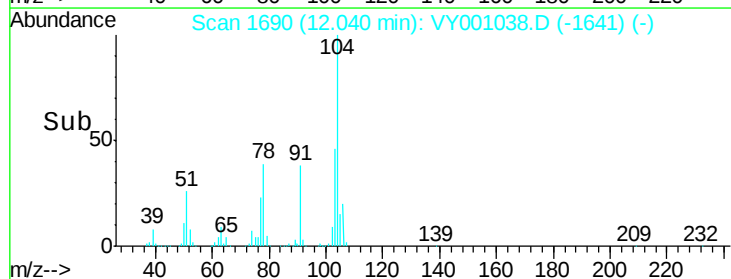
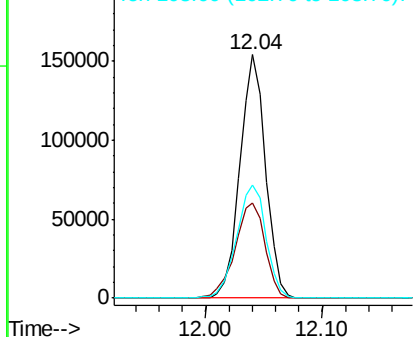


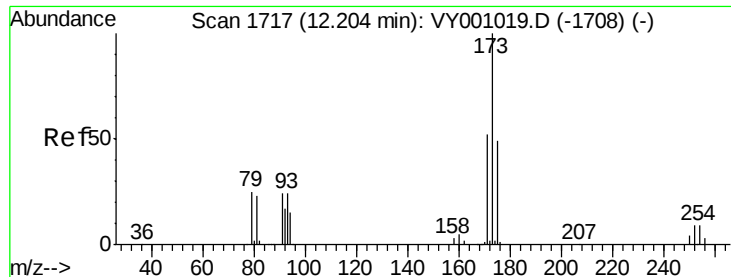
#70
Styrene
Concen: 20.670 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion:104 Resp: 236798
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 53.1 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

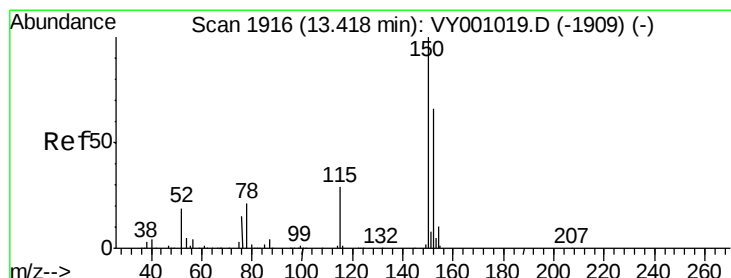
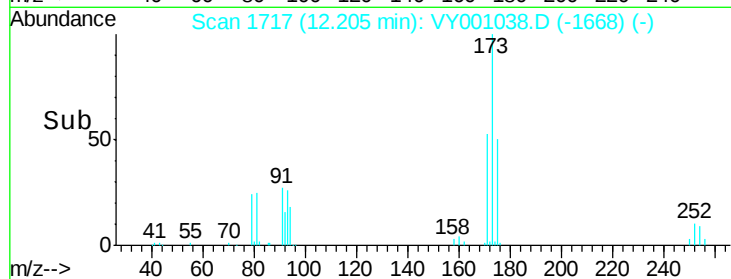
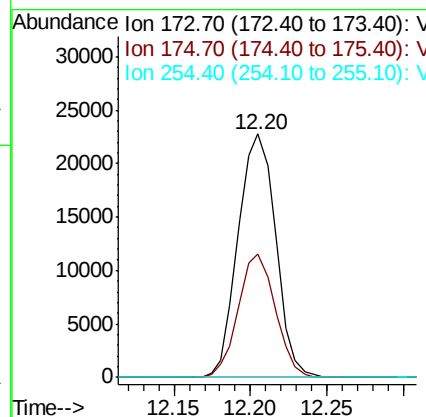
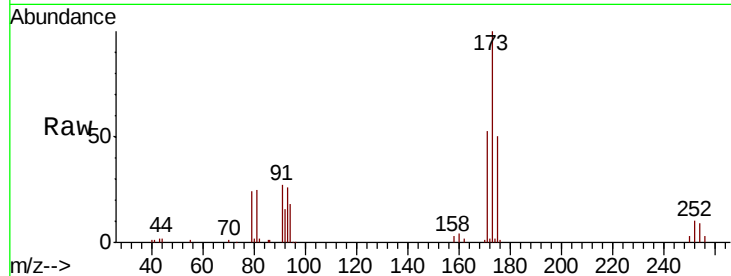




#71
 Bromoform
 Concen: 20.147 ug/l
 RT: 12.20 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

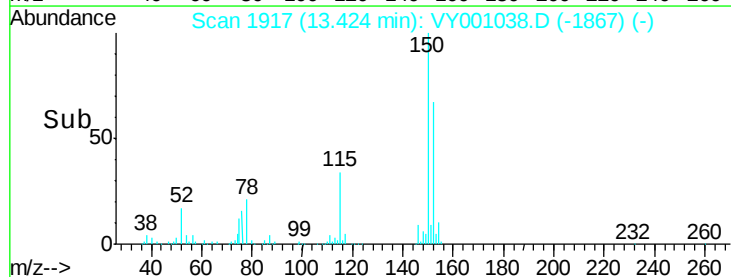
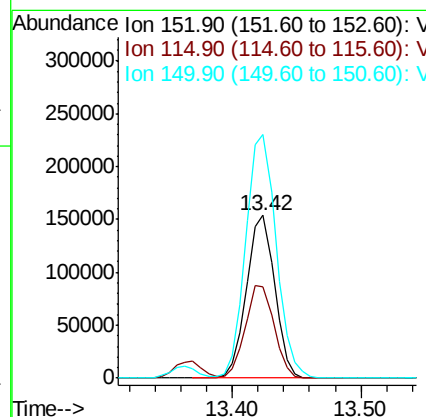
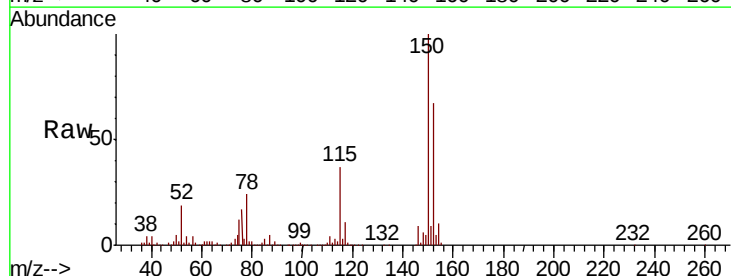
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

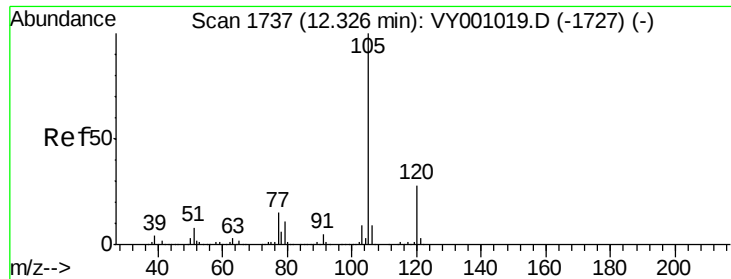
Tgt Ion:173 Resp: 38820
 Ion Ratio Lower Upper
 173 100
 175 50.1 24.5 73.5
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion:152 Resp: 232675
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.8 89.3
 150 161.6 0.0 352.6





#73

Isopropylbenzene

Concen: 20.407 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

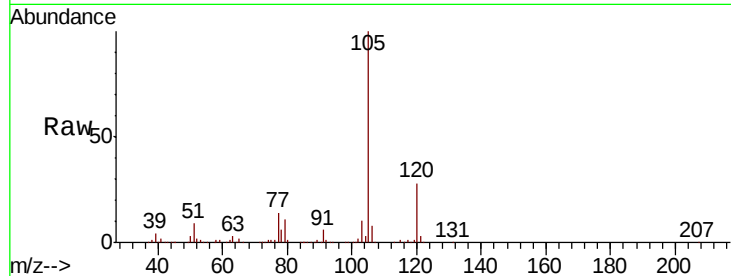
VY1224SBS01

Tgt Ion:105 Resp: 367446

Ion Ratio Lower Upper

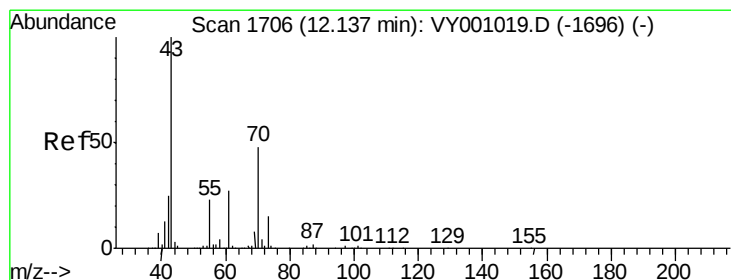
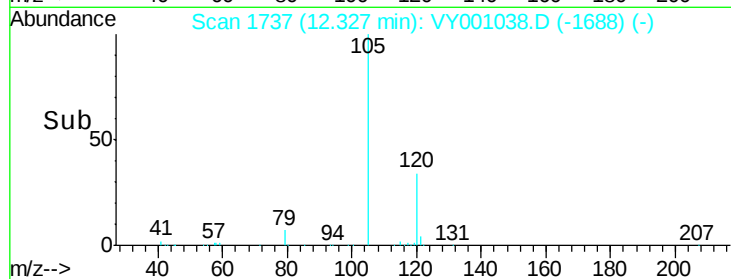
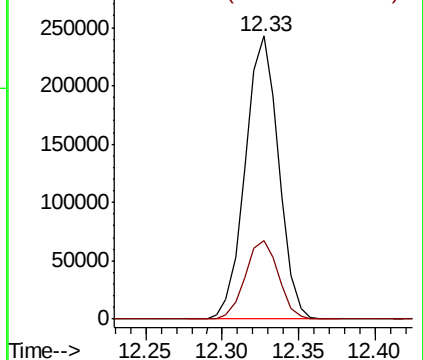
105 100

120 27.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.669 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion: 43 Resp: 93039

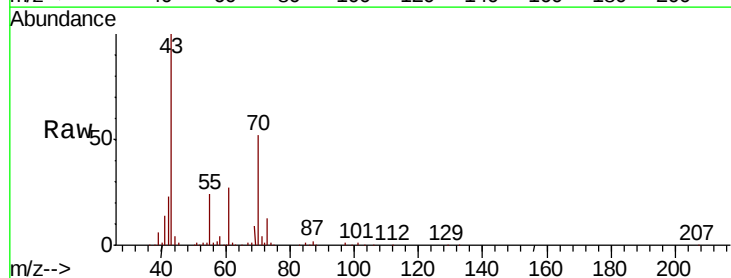
Ion Ratio Lower Upper

43 100

70 48.7 39.0 58.6

55 25.6 19.5 29.3

61 26.8 22.0 33.0

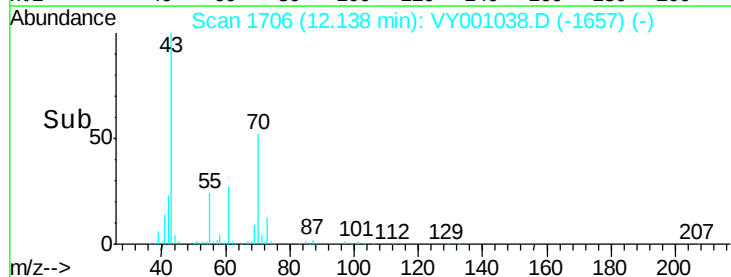
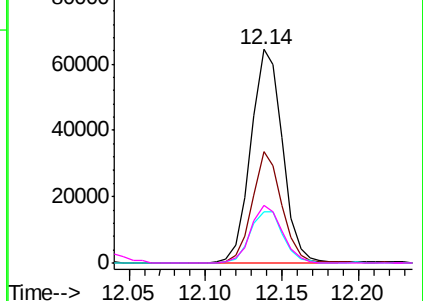


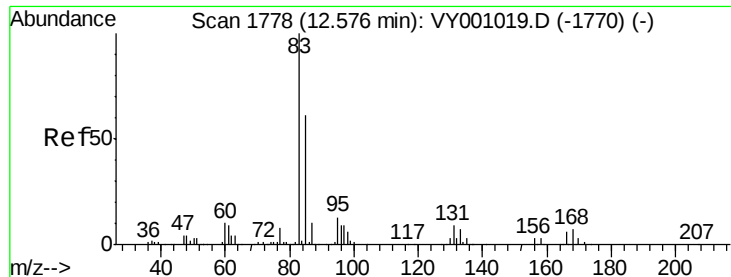
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.358 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

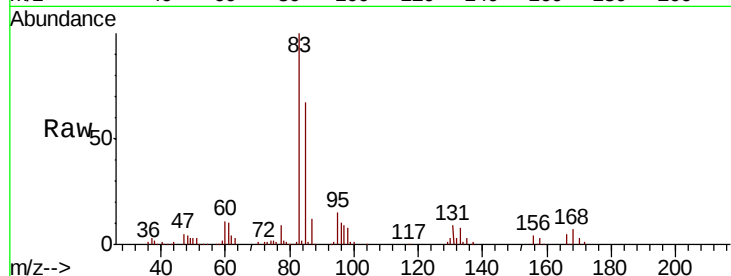
Tgt Ion: 83 Resp: 68664

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

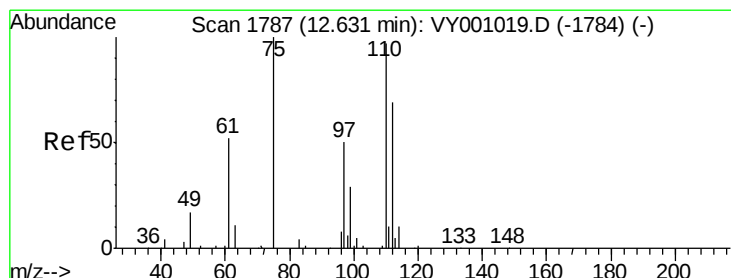
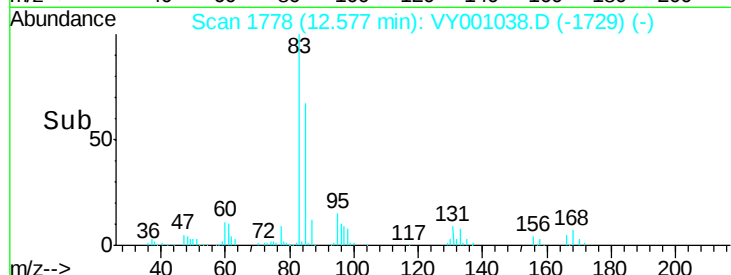
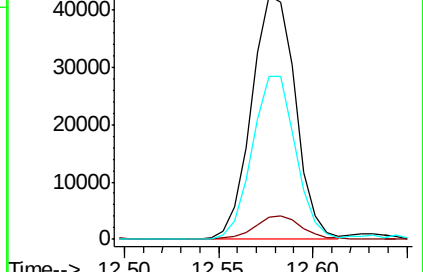
85 66.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001019.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 33.948 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001038.D

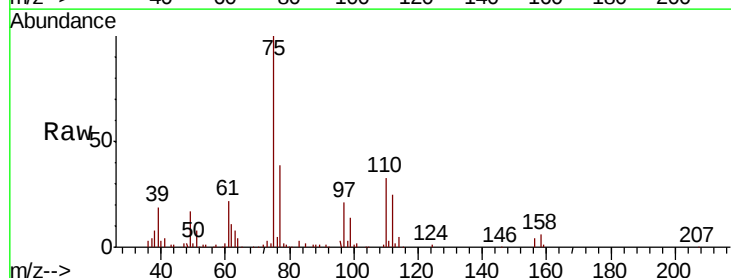
Acq: 24 Dec 2019 11:37

Tgt Ion: 75 Resp: 97377

Ion Ratio Lower Upper

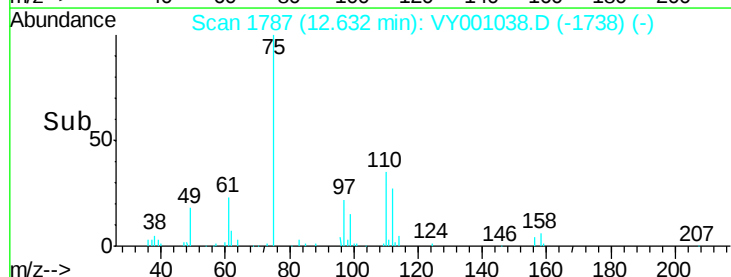
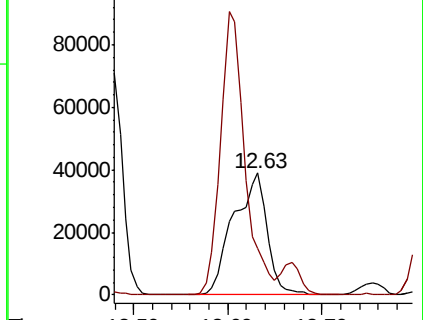
75 100

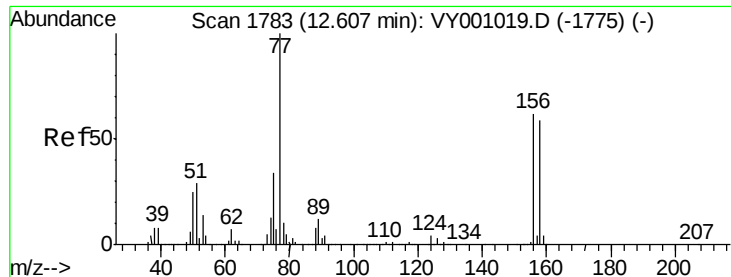
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001019.D (-1784) (-)





#77

Bromobenzene

Concen: 19.825 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

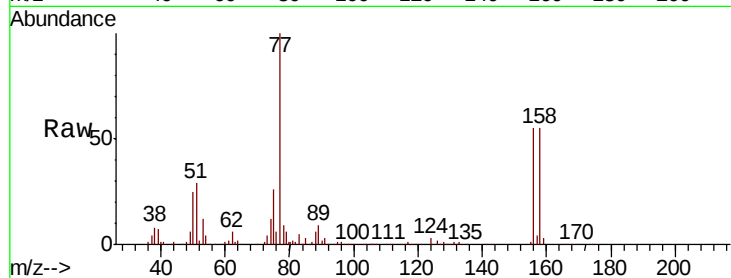
Tgt Ion:156 Resp: 80281

Ion Ratio Lower Upper

156 100

77 204.1 98.0 294.1

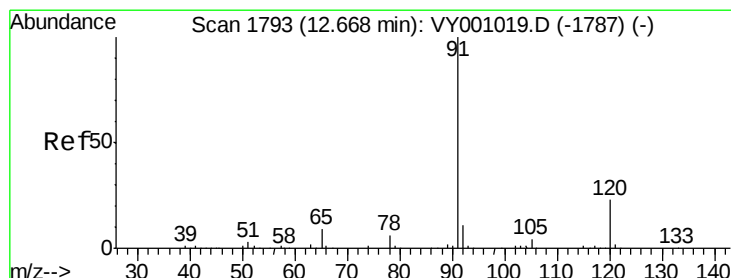
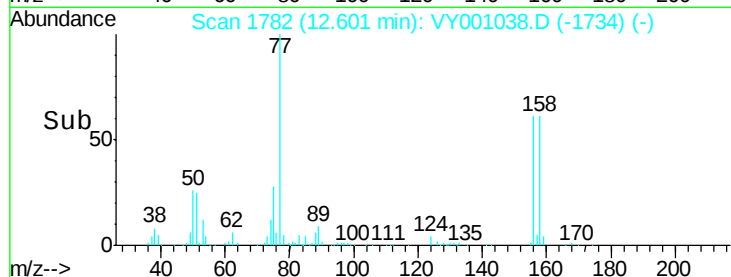
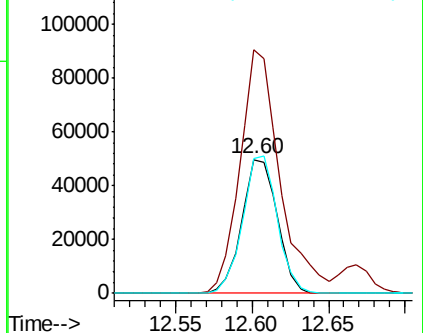
158 100.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.489 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001038.D

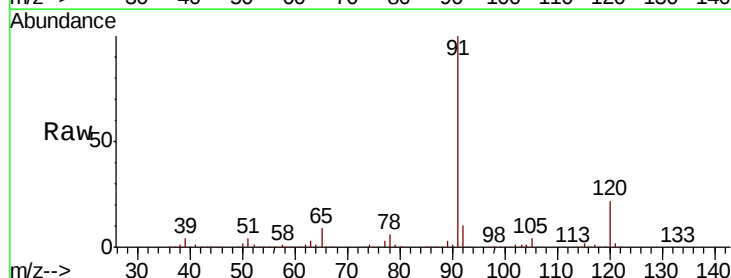
Acq: 24 Dec 2019 11:37

Tgt Ion: 91 Resp: 449532

Ion Ratio Lower Upper

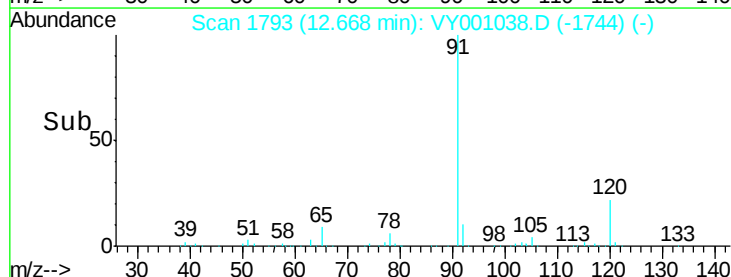
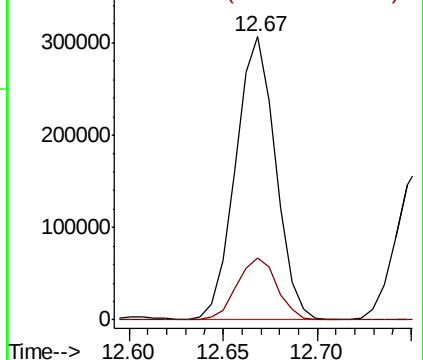
91 100

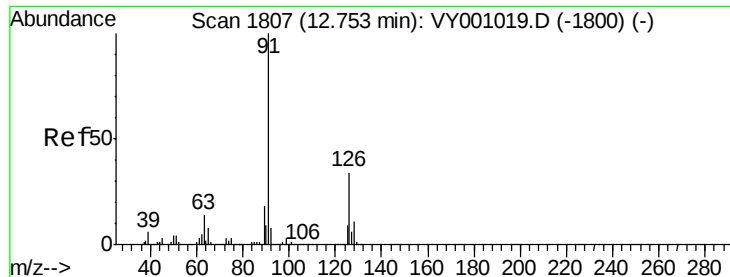
120 21.9 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

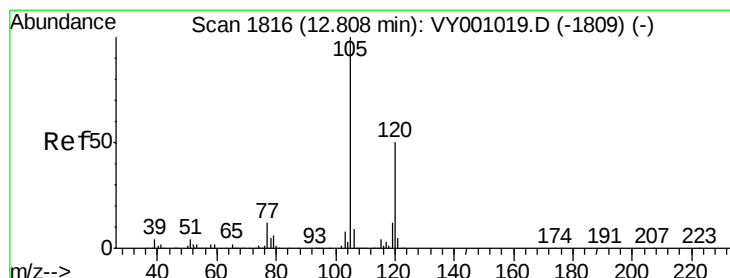
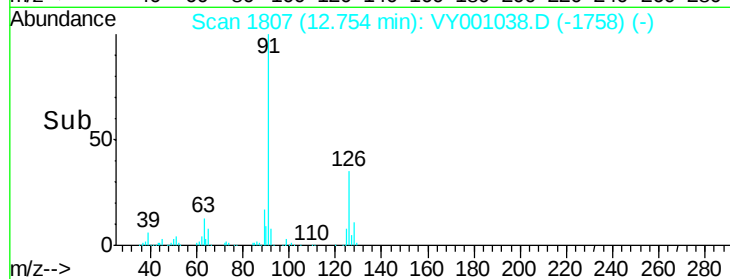
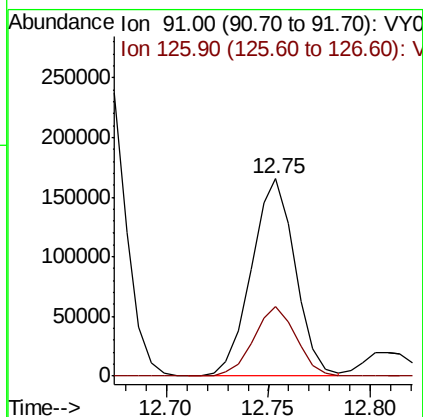
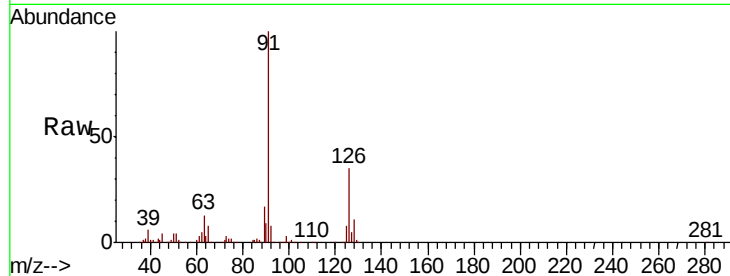




#79
 2-Chlorotoluene
 Concen: 20.359 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

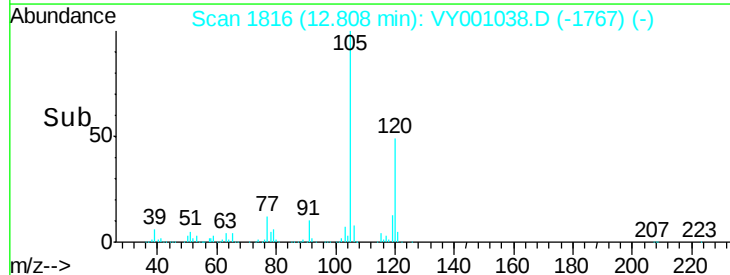
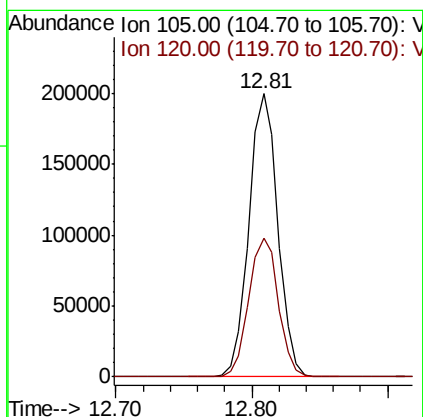
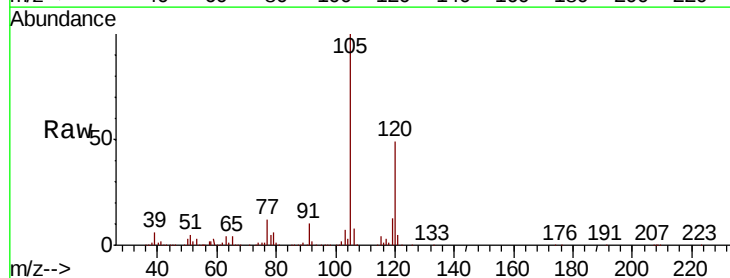
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

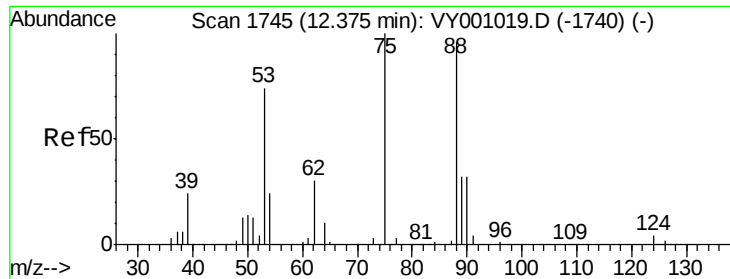
Tgt Ion: 91 Resp: 246676
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.166 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 105 Resp: 297626
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.4

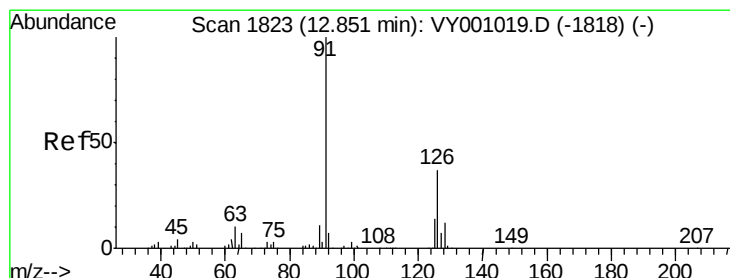
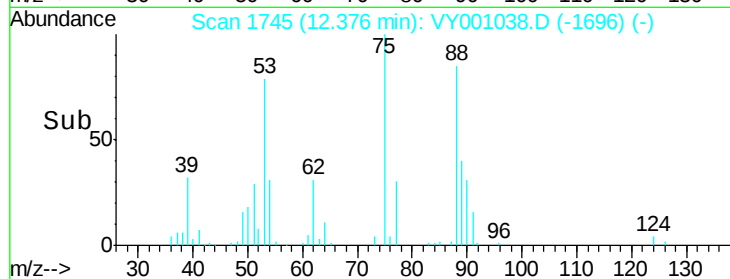
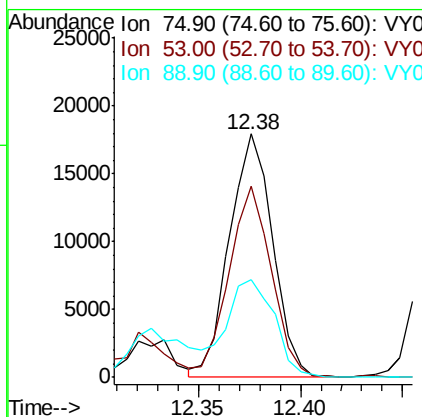
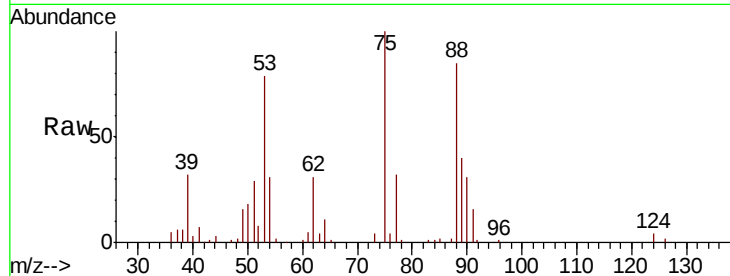




#81
trans-1,4-Dichloro-2-butene
Concen: 19.654 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

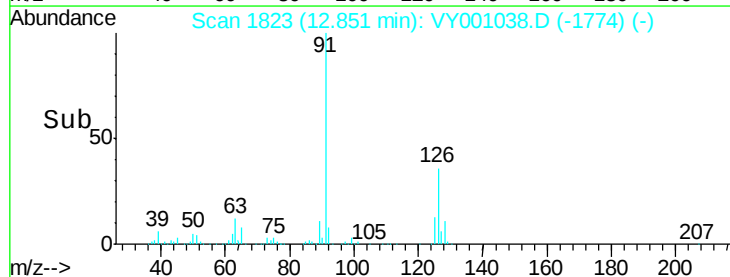
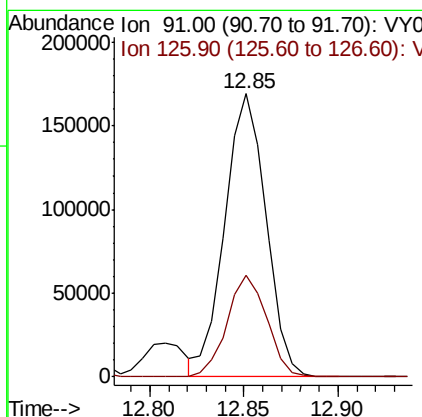
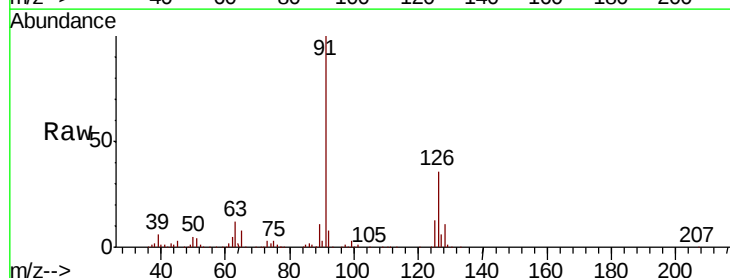
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

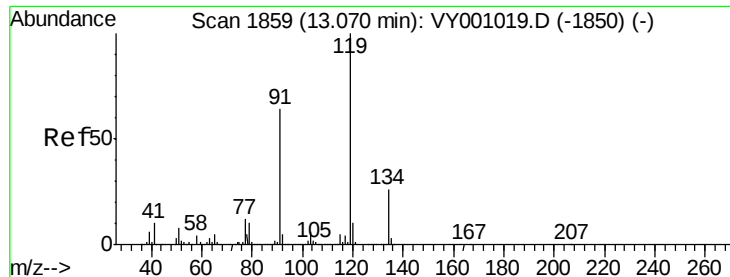
Tgt Ion: 75 Resp: 26433
Ion Ratio Lower Upper
75 100
53 77.3 60.6 91.0
89 44.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.392 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 91 Resp: 256627
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.8





#83

tert-Butylbenzene

Concen: 20.954 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

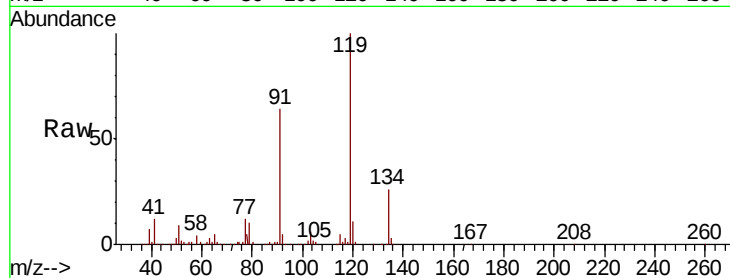
Tgt Ion:119 Resp: 259598

Ion Ratio Lower Upper

119 100

91 62.2 31.9 95.7

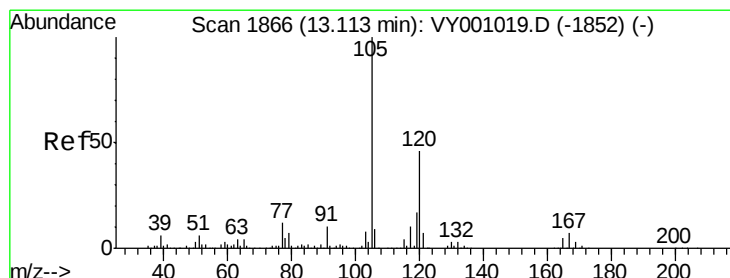
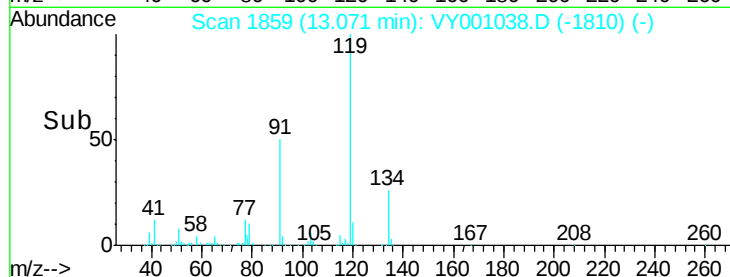
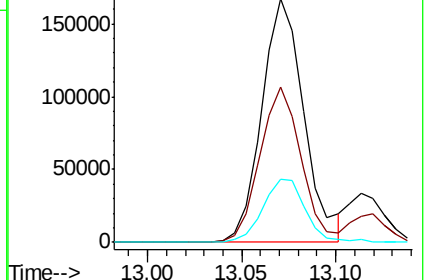
134 26.5 13.6 40.7



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: 20.311 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VY001038.D

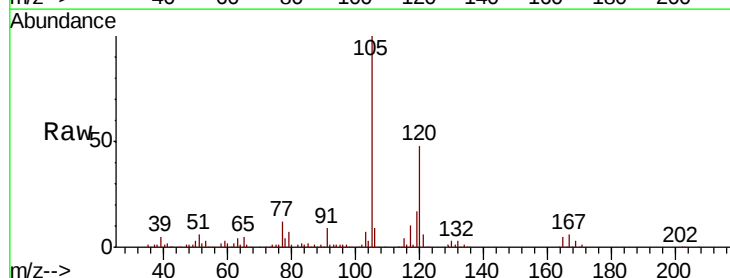
Acq: 24 Dec 2019 11:37

Tgt Ion:105 Resp: 301227

Ion Ratio Lower Upper

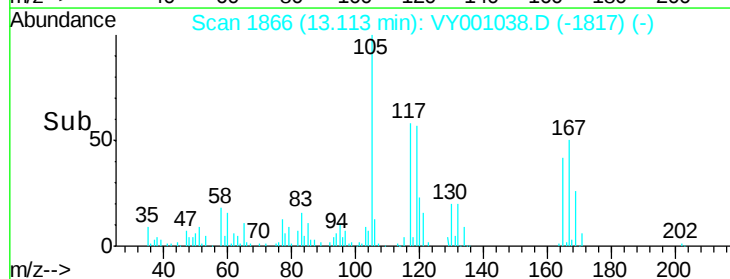
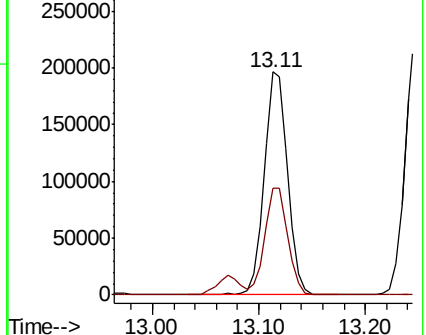
105 100

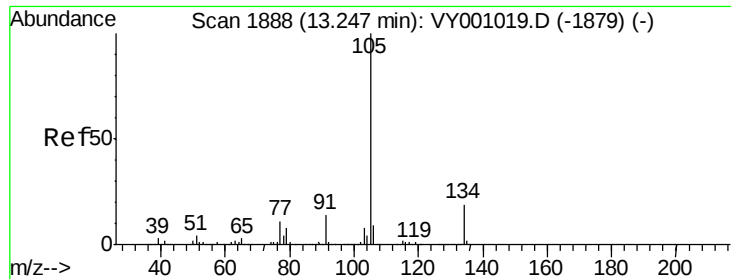
120 47.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

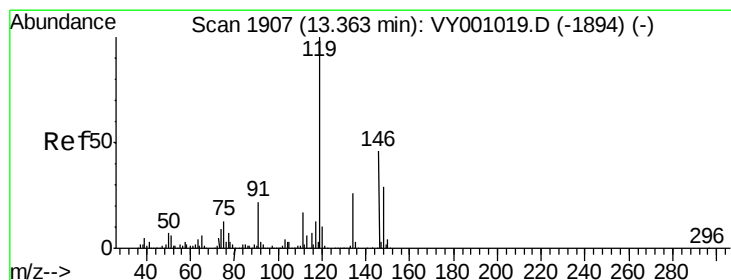
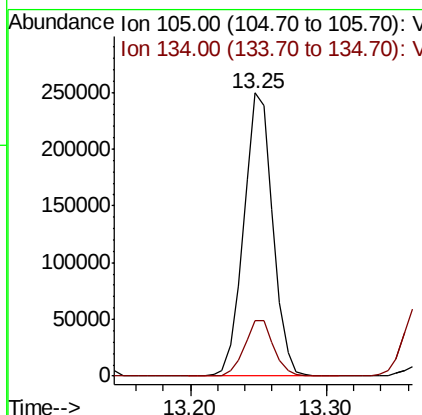
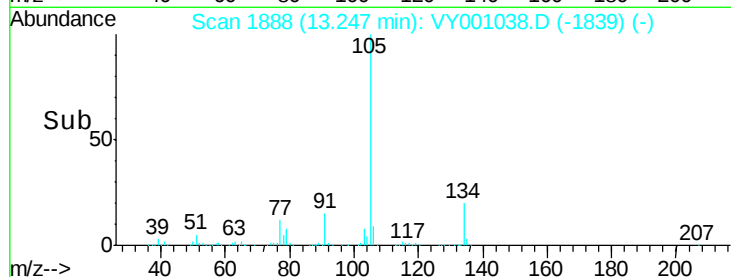
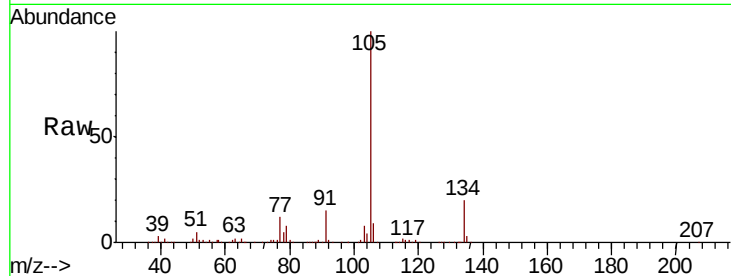




#85
 sec-Butylbenzene
 Concen: 20.288 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

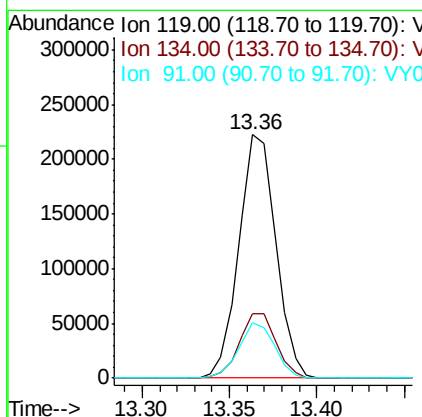
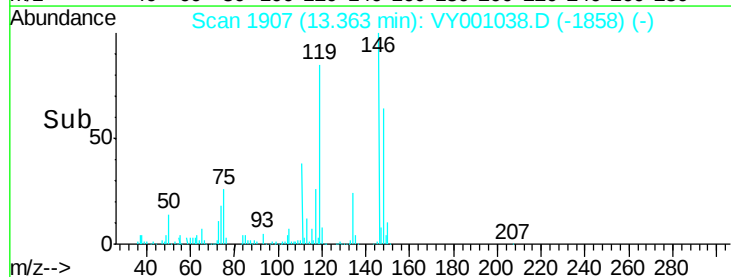
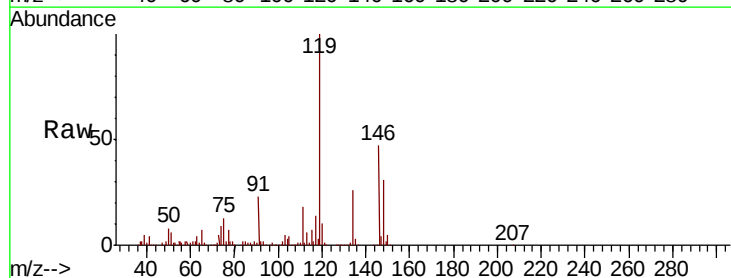
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

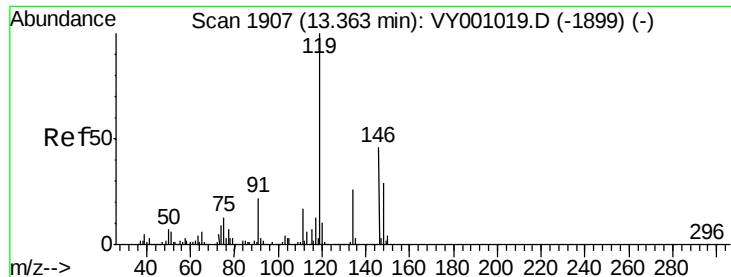
Tgt Ion:105 Resp: 370541
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.659 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion:119 Resp: 326496
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 20.340 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

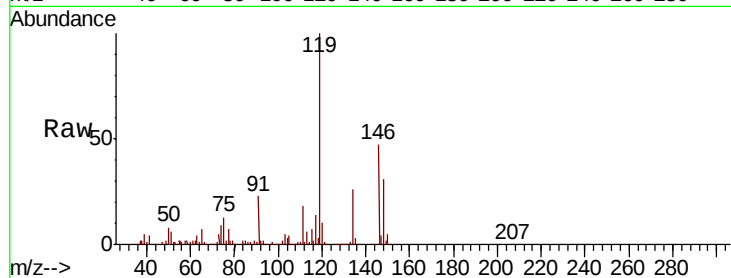
Tgt Ion:146 Resp: 158191

Ion Ratio Lower Upper

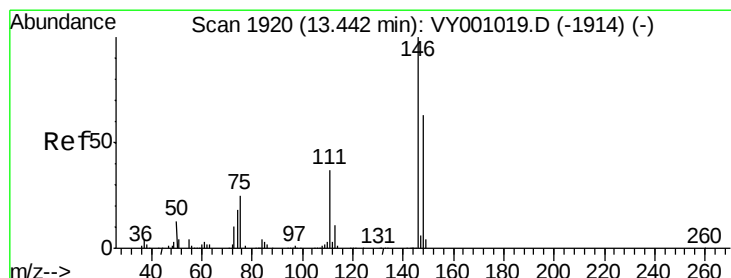
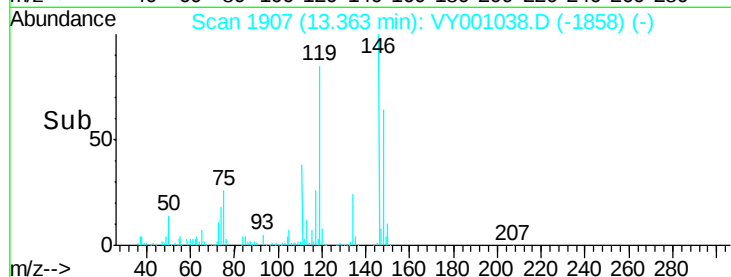
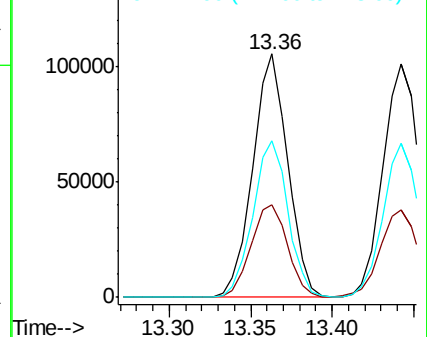
146 100

111 39.7 19.7 59.0

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



#88

1,4-Dichlorobenzene

Concen: 19.874 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

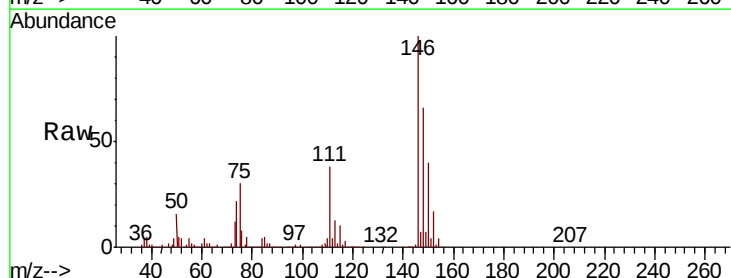
Tgt Ion:146 Resp: 155927

Ion Ratio Lower Upper

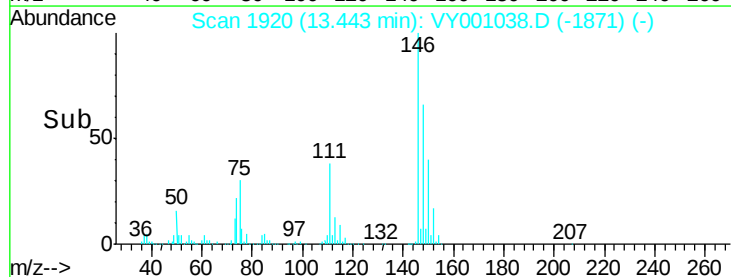
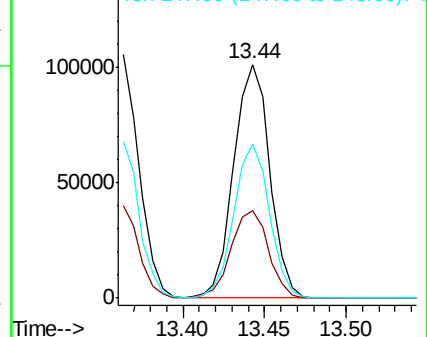
146 100

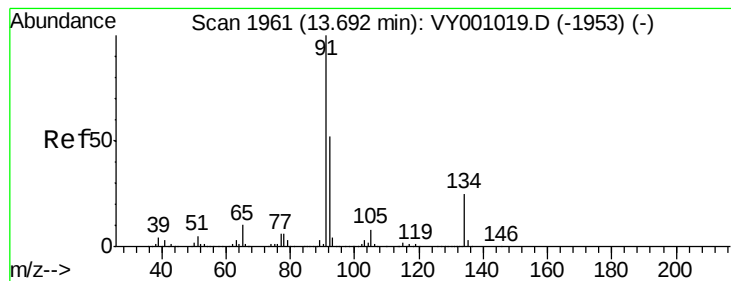
111 39.3 19.4 58.2

148 65.4 31.8 95.3



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





#89

n-Butylbenzene

Concen: 20.469 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

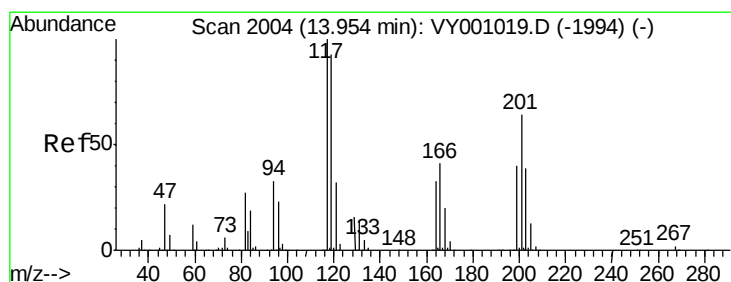
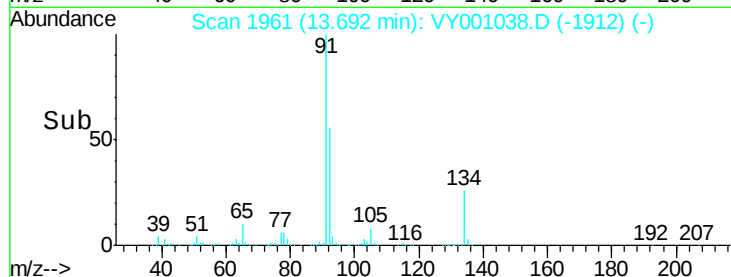
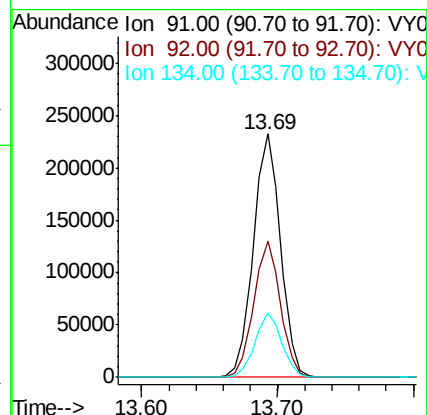
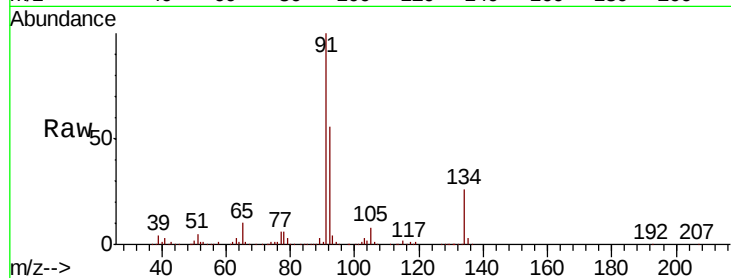
Tgt Ion: 91 Resp: 325475

Ion Ratio Lower Upper

91 100

92 55.1 26.9 80.7

134 26.3 12.7 38.0



#90

Hexachloroethane

Concen: 19.912 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY001038.D

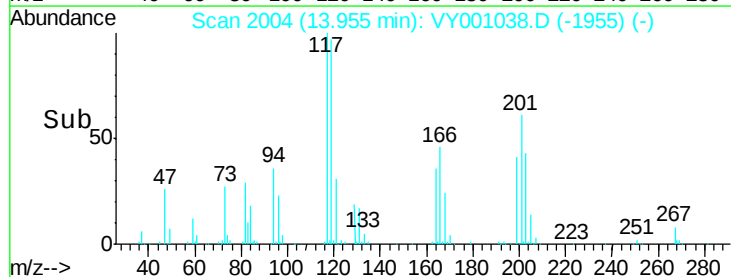
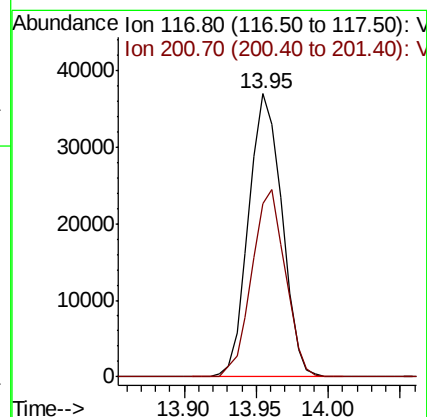
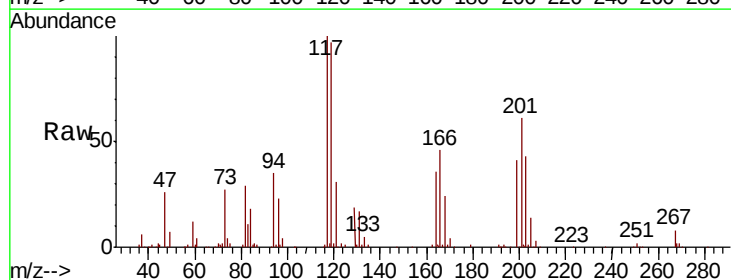
Acq: 24 Dec 2019 11:37

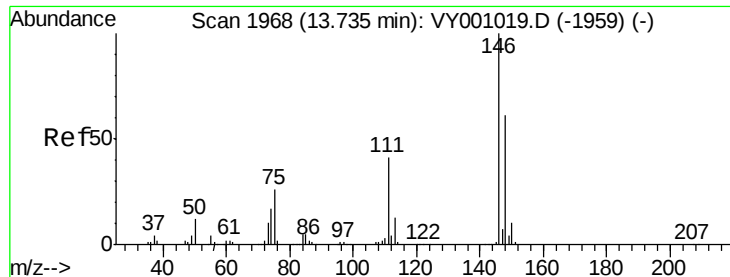
Tgt Ion: 117 Resp: 59289

Ion Ratio Lower Upper

117 100

201 66.4 33.7 101.1

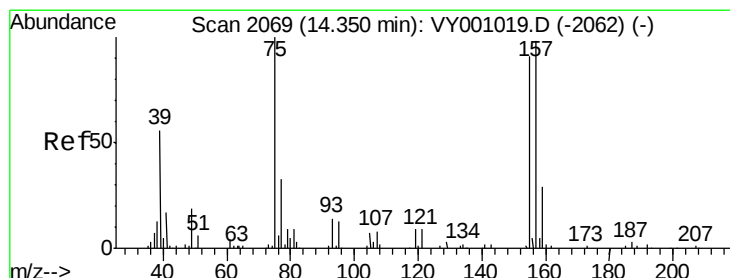
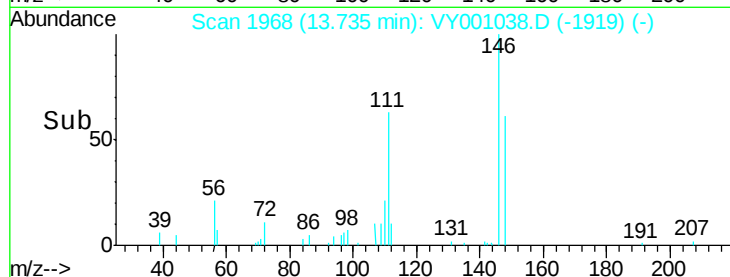
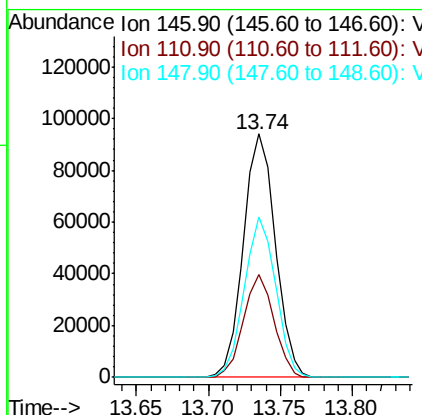
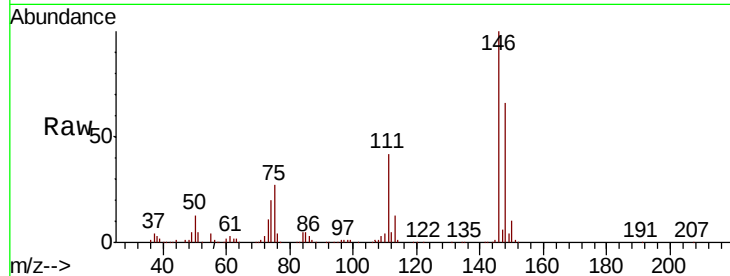




#91
 1,2-Dichlorobenzene
 Concen: 20.166 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

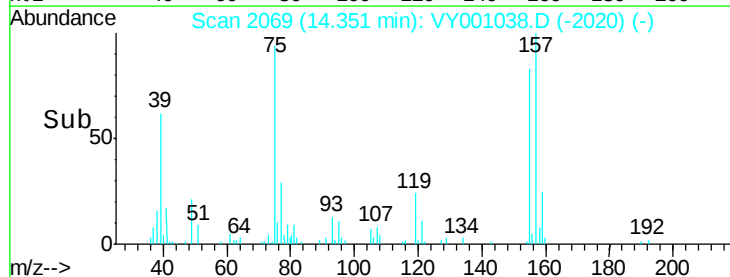
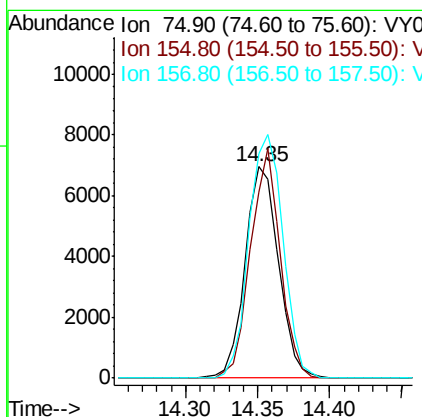
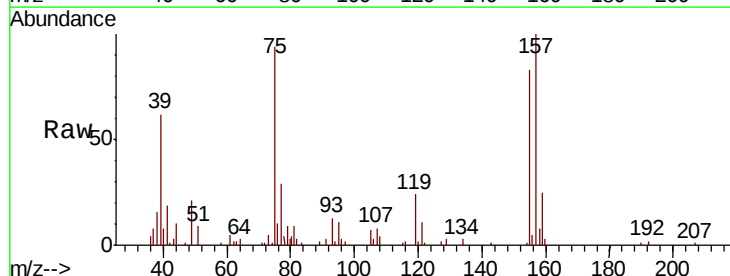
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

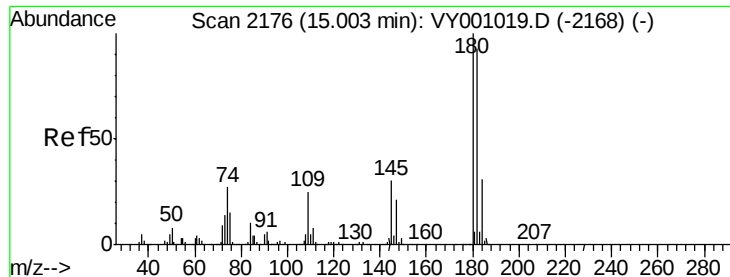
Tgt Ion:146 Resp: 144674
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.9
 148 64.6 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.834 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 75 Resp: 11177
 Ion Ratio Lower Upper
 75 100
 155 95.4 46.3 138.9
 157 117.0 58.1 174.4

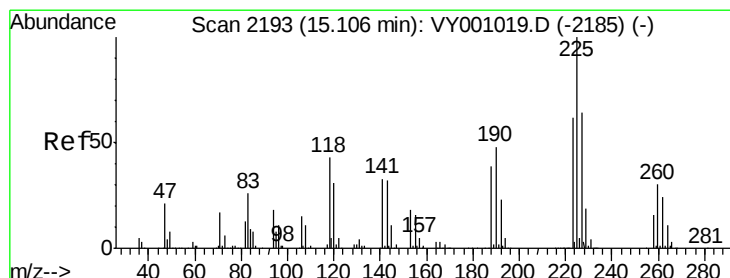
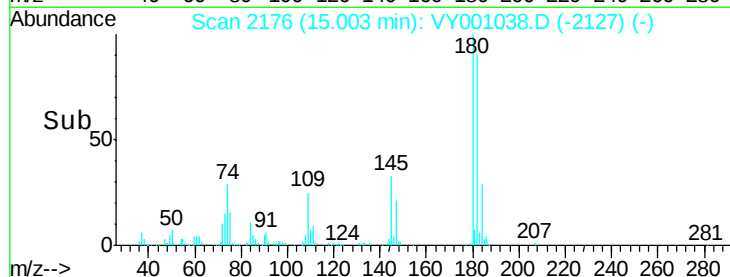
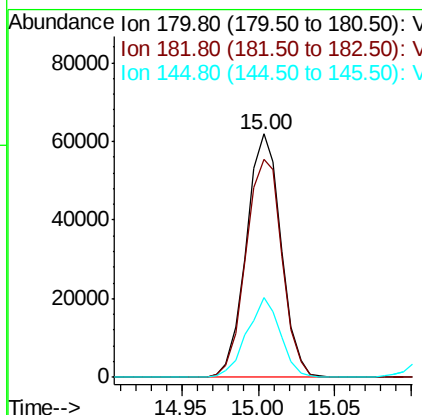
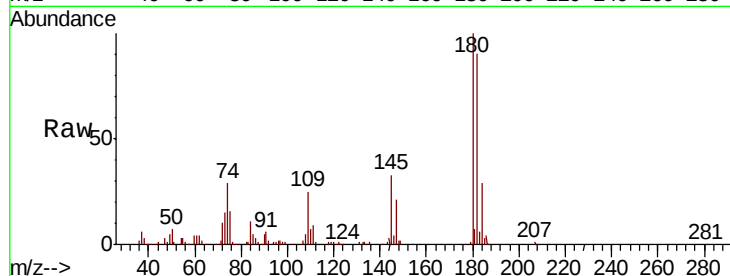




#93
 1,2,4-Trichlorobenzene
 Concen: 20.226 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

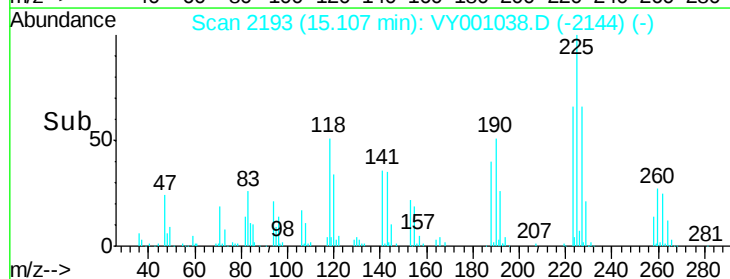
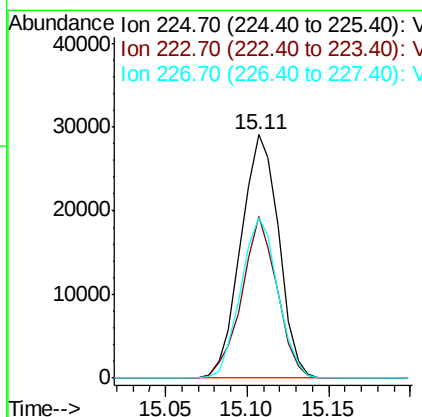
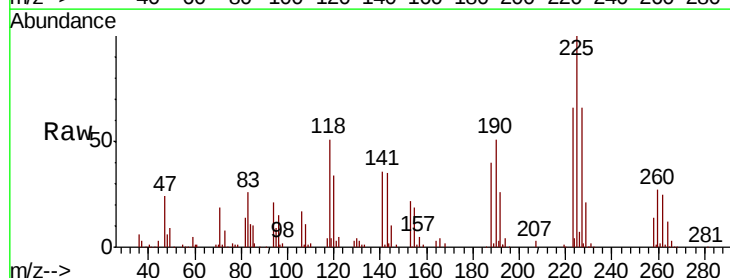
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

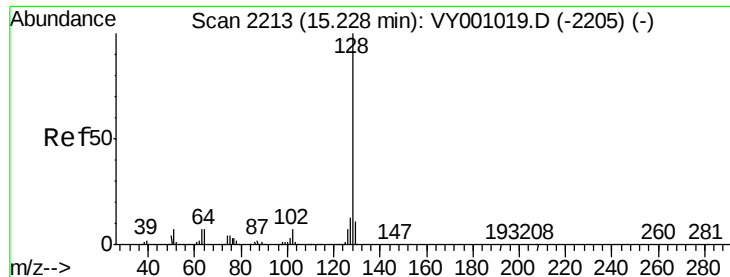
Tgt Ion:180 Resp: 97943
 Ion Ratio Lower Upper
 180 100
 182 92.5 46.8 140.3
 145 31.5 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 20.409 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion:225 Resp: 47029
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 94.8
 227 64.5 31.9 95.5

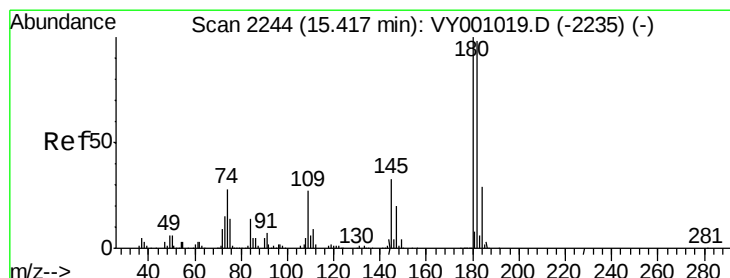
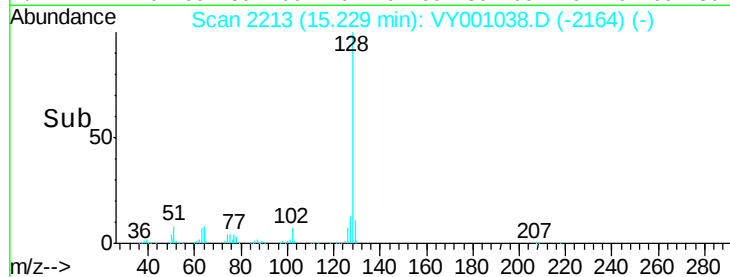
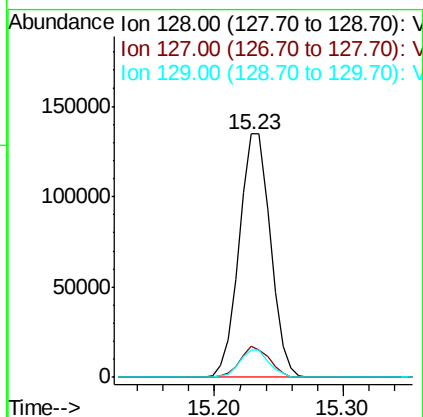
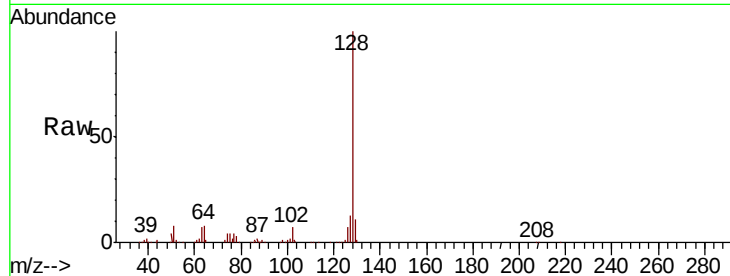




#95
Naphthalene
Concen: 19.858 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion:128 Resp: 226148
Ion Ratio Lower Upper
128 100
127 12.1 9.9 14.9
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.286 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion:180 Resp: 87606
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.8
145 32.5 16.3 48.9

