

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001091.D
 Acq On : 27 Dec 2019 12:46
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Quant Time: Dec 28 04:01:28 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	310886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	538077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219259	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	144876	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	7.73	113	153256	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.18	98	643089	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.48	95	207975	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	55333	20.426	ug/l 99
3) Chloromethane	2.12	50	67636	18.345	ug/l 98
4) Vinyl Chloride	2.25	62	65635	18.331	ug/l 99
5) Bromomethane	2.64	94	43964	18.602	ug/l 98
6) Chloroethane	2.79	64	43408	19.465	ug/l # 85
7) Trichlorofluoromethane	3.13	101	105095	20.012	ug/l 93
8) Diethyl Ether	3.54	74	42625	19.883	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	71381	20.692	ug/l 98
10) Methyl Iodide	4.10	142	91447	19.186	ug/l 100
11) Tert butyl alcohol	4.96	59	33545	99.499	ug/l # 92
12) 1,1-Dichloroethene	3.88	96	72063	20.633	ug/l 99
13) Acrolein	3.74	56	38791	92.863	ug/l 97
14) Allyl chloride	4.49	41	102493	18.890	ug/l 98
15) Acrylonitrile	5.18	53	107260	100.113	ug/l 98
16) Acetone	3.96	43	72661	102.865	ug/l 99
17) Carbon Disulfide	4.20	76	226219	19.822	ug/l 98
18) Methyl Acetate	4.49	43	51202	18.894	ug/l 96
19) Methyl tert-butyl Ether	5.24	73	176531	19.583	ug/l 100
20) Methylene Chloride	4.72	84	85883	20.656	ug/l 90
21) trans-1,2-Dichloroethene	5.23	96	79085	20.432	ug/l 97
22) Diisopropyl ether	6.13	45	207569	18.927	ug/l 98
23) Vinyl Acetate	6.07	43	645851	93.251	ug/l 97
24) 1,1-Dichloroethane	6.02	63	126948	19.588	ug/l 97
25) 2-Butanone	7.00	43	119417	96.233	ug/l 97
26) 2,2-Dichloropropane	6.99	77	104184	19.567	ug/l 100
27) cis-1,2-Dichloroethene	7.00	96	86564	20.356	ug/l 96
28) Bromochloromethane	7.34	49	44955	17.778	ug/l 96
29) Tetrahydrofuran	7.36	42	80680	91.402	ug/l 94
30) Chloroform	7.52	83	121533	19.832	ug/l 95
31) Cyclohexane	7.79	56	129142	18.950	ug/l 91
32) 1,1,1-Trichloroethane	7.71	97	100581	19.240	ug/l 98
36) 1,1-Dichloropropene	7.93	75	102744	20.016	ug/l 99
37) Ethyl Acetate	7.09	43	55001	19.351	ug/l 98
38) Carbon Tetrachloride	7.91	117	89642	19.932	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	140025	20.541	ug/l	95
40) Benzene	8.17	78	314922	20.336	ug/l	97
41) Methacrylonitrile	7.35	41	69232	56.182	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	72425	19.561	ug/l	98
43) Isopropyl Acetate	8.28	43	97889	18.604	ug/l	96
44) Trichloroethene	8.94	130	83117	20.370	ug/l	98
45) 1,2-Dichloropropane	9.22	63	74982	19.301	ug/l	98
46) Dibromomethane	9.31	93	40704	20.325	ug/l	99
47) Bromodichloromethane	9.50	83	89025	19.191	ug/l	100
48) Methyl methacrylate	9.30	41	43292	19.281	ug/l	95
49) 1,4-Dioxane	9.30	88	11424	389.957	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	257648	93.949	ug/l	96
52) Toluene	10.24	92	191914	20.134	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	98239	19.513	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	119424	19.727	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	60683	20.297	ug/l	92
56) Ethyl methacrylate	10.51	69	82772	19.452	ug/l	96
57) 1,3-Dichloropropane	10.79	76	101340	19.338	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	168638	102.610	ug/l	99
59) 2-Hexanone	10.83	43	174327	91.868	ug/l	96
60) Dibromochloromethane	10.99	129	63149	19.774	ug/l	98
61) 1,2-Dibromoethane	11.09	107	57309	20.045	ug/l	98
64) Tetrachloroethene	10.72	164	89038	21.627	ug/l	93
65) Chlorobenzene	11.52	112	202408	20.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	65873	20.224	ug/l	99
67) Ethyl Benzene	11.59	91	359016	20.223	ug/l	100
68) m/p-Xylenes	11.70	106	275937	40.936	ug/l	98
69) o-Xylene	12.03	106	129065	20.353	ug/l	100
70) Styrene	12.04	104	221872	20.577	ug/l	98
71) Bromoform	12.20	173	35648	19.656	ug/l #	96
73) Isopropylbenzene	12.33	105	337984	19.920	ug/l	99
74) N-amyl acetate	12.14	43	79414	17.816	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	64687	19.353	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	91520	33.858	ug/l #	100
77) Bromobenzene	12.61	156	75058	19.669	ug/l	99
78) n-propylbenzene	12.67	91	413635	20.007	ug/l	100
79) 2-Chlorotoluene	12.75	91	221399	19.391	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	277779	19.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24985	19.714	ug/l	97
82) 4-Chlorotoluene	12.85	91	233784	19.714	ug/l	98
83) tert-Butylbenzene	13.07	119	241608	20.695	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	277875	19.882	ug/l	100
85) sec-Butylbenzene	13.25	105	342491	19.899	ug/l	99
86) p-Isopropyltoluene	13.37	119	296153	19.886	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	147685	20.151	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	150527	20.360	ug/l	100
89) n-Butylbenzene	13.69	91	299883	20.014	ug/l	98
90) Hexachloroethane	13.96	117	55747	19.868	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	135512	20.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10700	19.133	ug/l	97

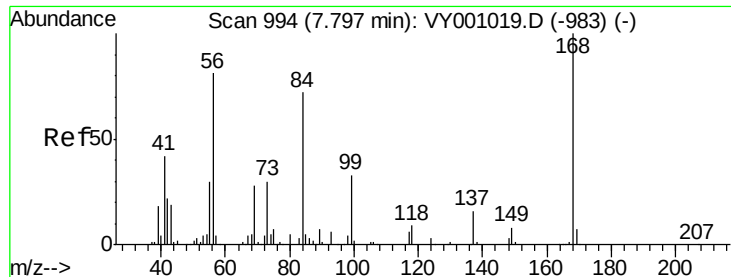
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	91126	19.969	ug/l	99
94) Hexachlorobutadiene	15.11	225	43075	19.836	ug/l	100
95) Naphthalene	15.23	128	211809	19.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	80807	19.857	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

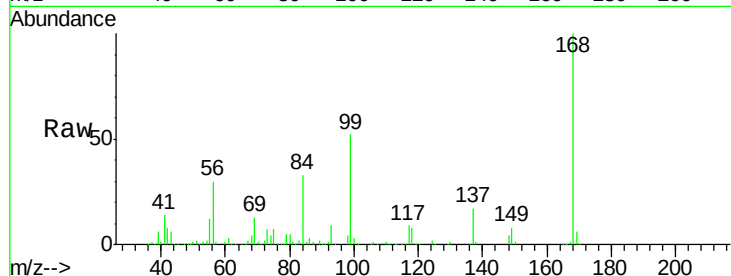
VY1227SBS01

Tgt Ion:168 Resp: 310886

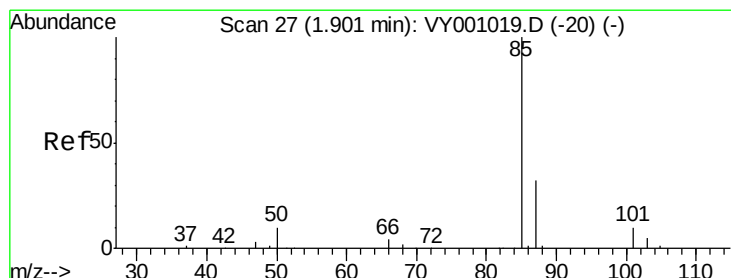
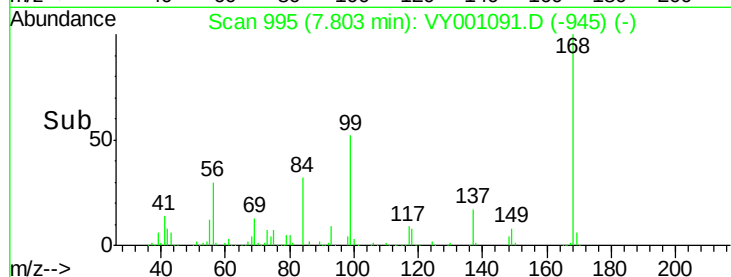
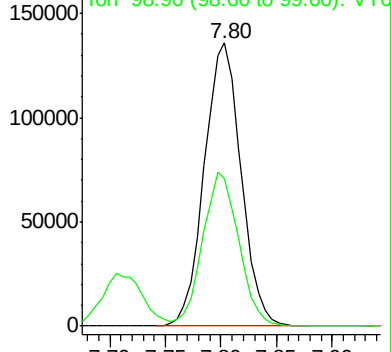
Ion Ratio Lower Upper

168 100

99 52.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001091.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 20.426 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001091.D

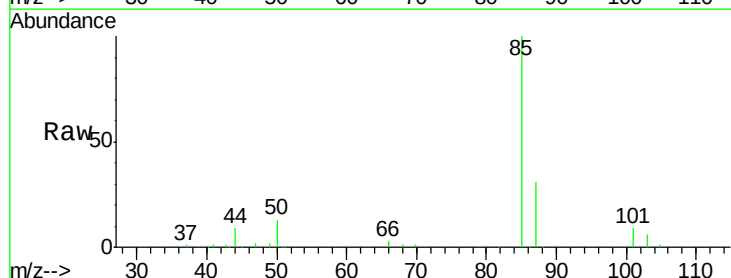
Acq: 27 Dec 2019 12:46

Tgt Ion: 85 Resp: 55333

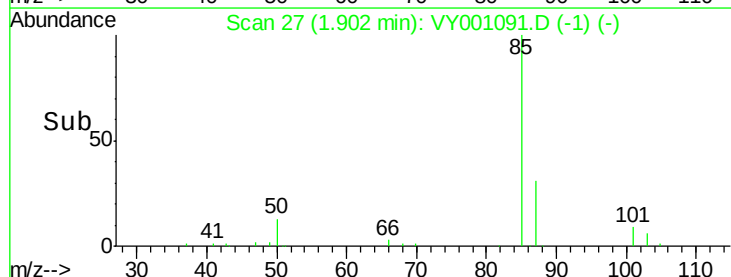
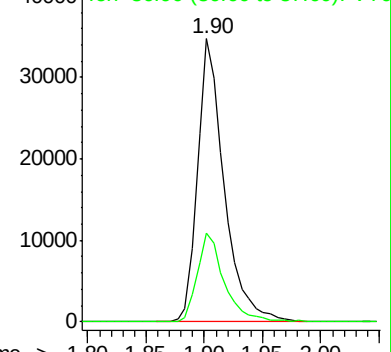
Ion Ratio Lower Upper

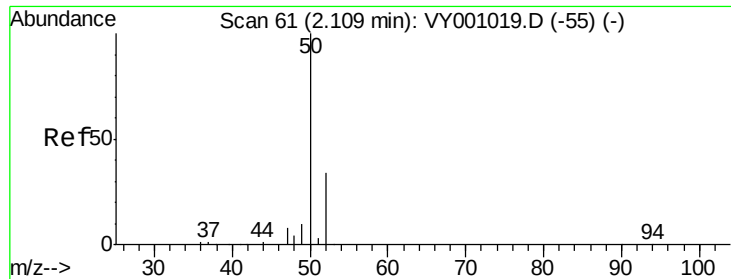
85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001091.D (-20) (-)





#3

Chloromethane

Concen: 18.345 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

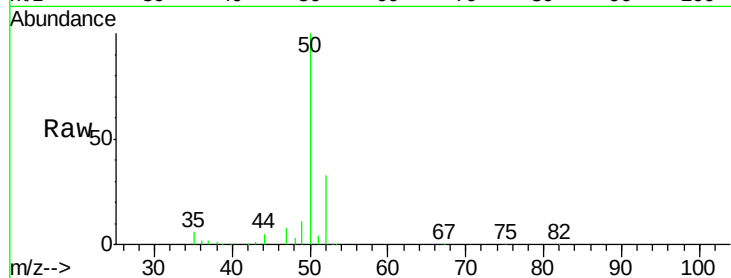
VY1227SBS01

Tgt Ion: 50 Resp: 67636

Ion Ratio Lower Upper

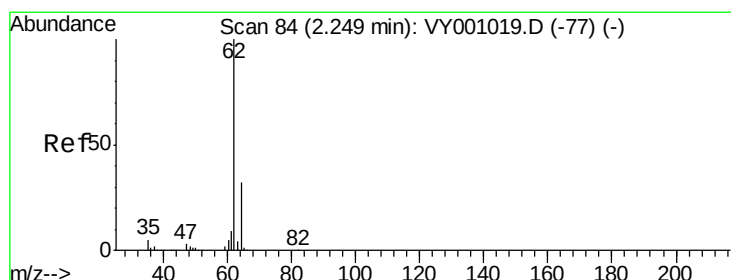
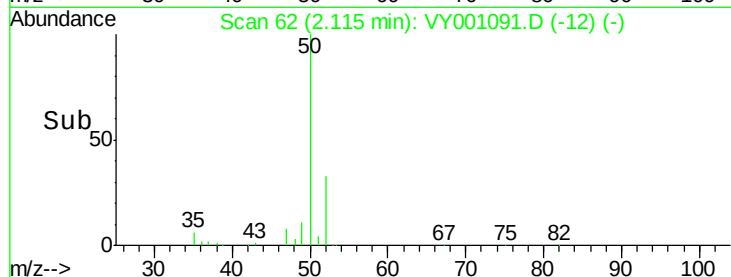
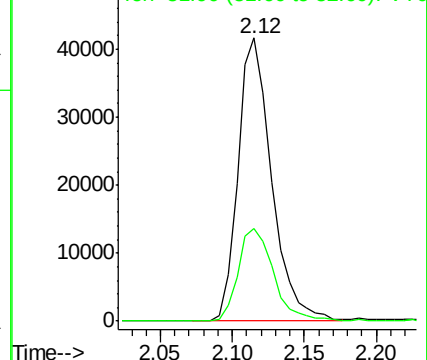
50 100

52 32.5 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: 18.331 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001091.D

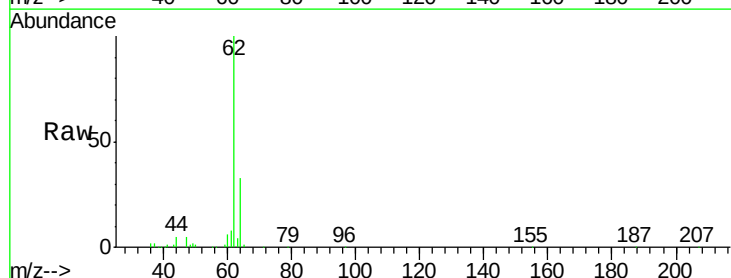
Acq: 27 Dec 2019 12:46

Tgt Ion: 62 Resp: 65635

Ion Ratio Lower Upper

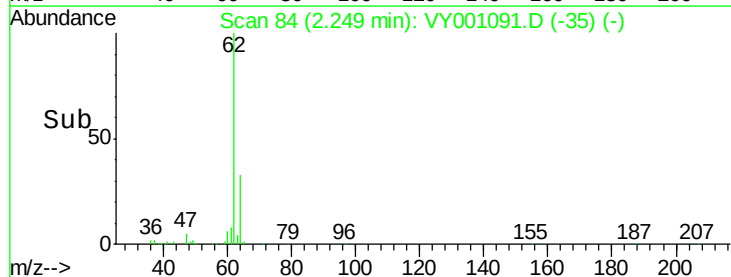
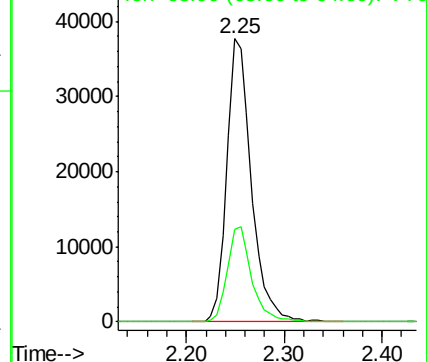
62 100

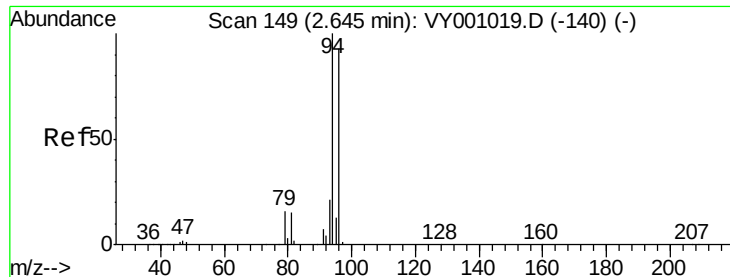
64 32.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.602 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

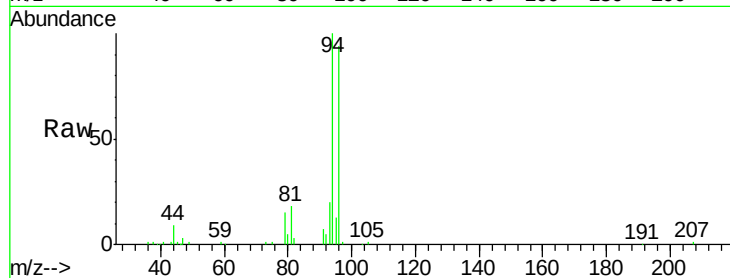
VY1227SBS01

Tgt Ion: 94 Resp: 43964

Ion Ratio Lower Upper

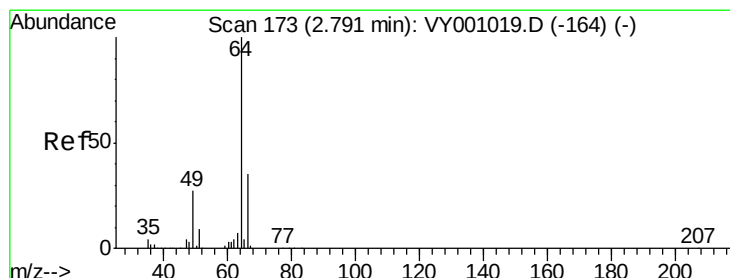
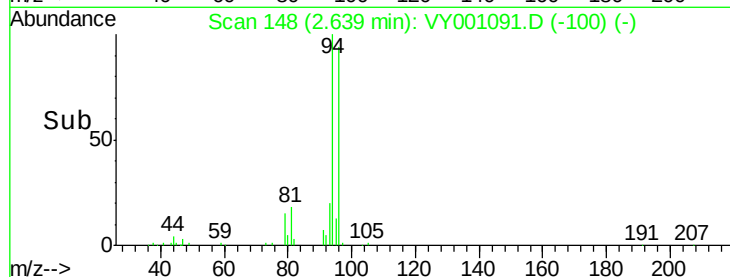
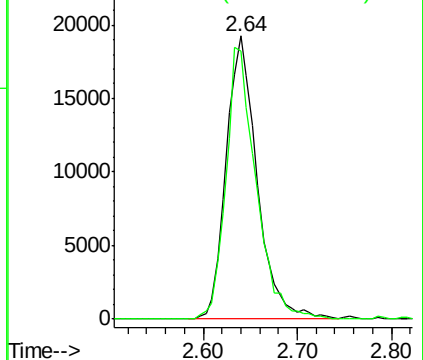
94 100

96 94.5 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: 19.465 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001091.D

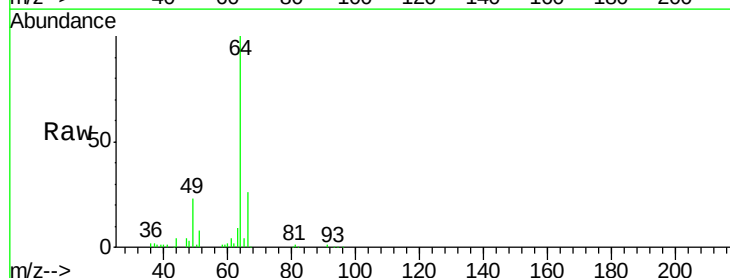
Acq: 27 Dec 2019 12:46

Tgt Ion: 64 Resp: 43408

Ion Ratio Lower Upper

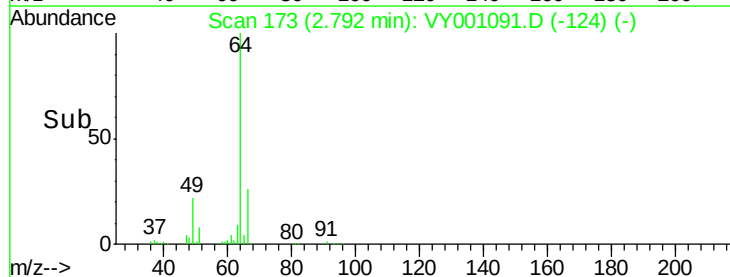
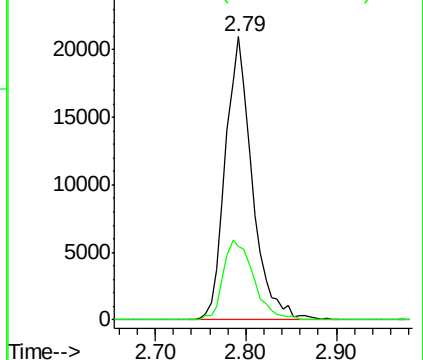
64 100

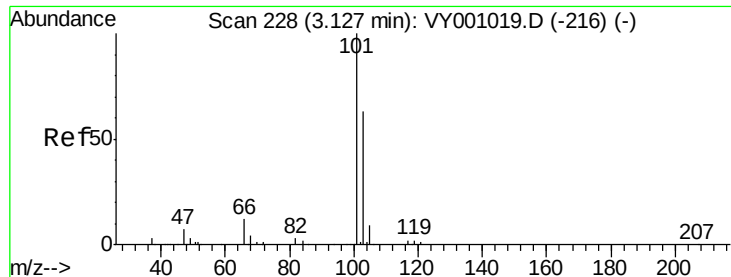
66 26.0 27.8 41.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



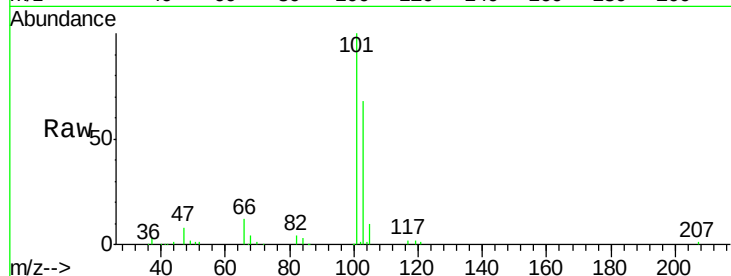


#7

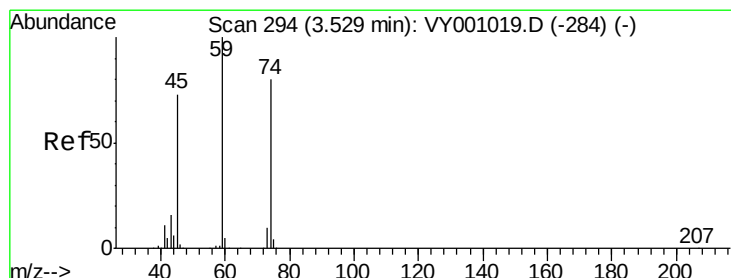
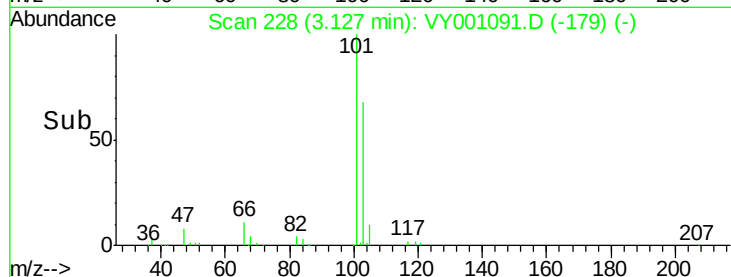
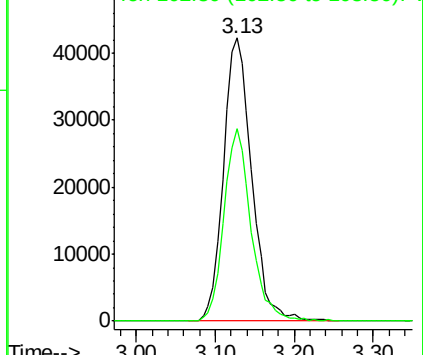
Trichlorofluoromethane
 Concen: 20.012 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Tgt Ion:101 Resp: 105095
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.2 75.2



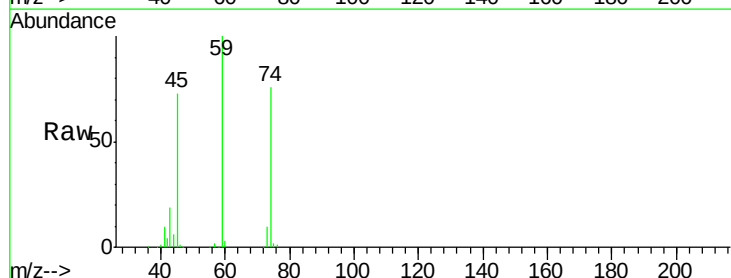
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



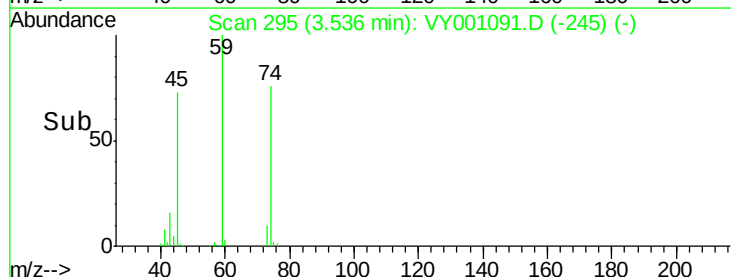
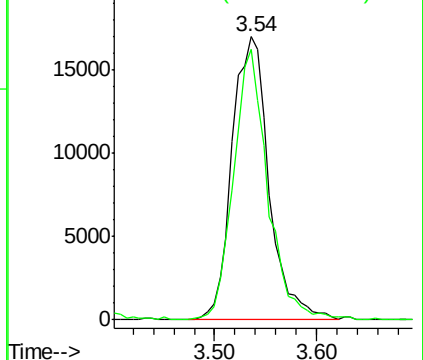
#8

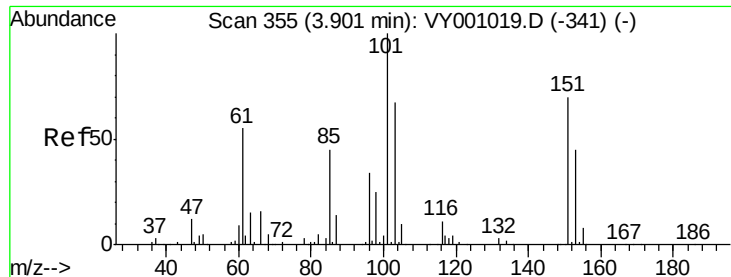
Diethyl Ether
 Concen: 19.883 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion: 74 Resp: 42625
 Ion Ratio Lower Upper
 74 100
 45 88.5 46.4 139.2



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0

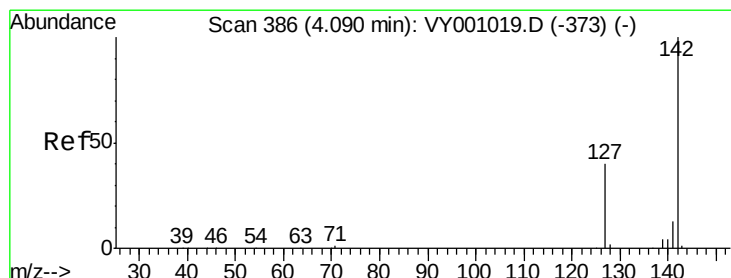
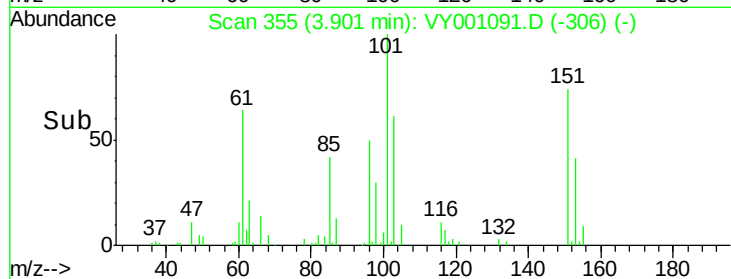
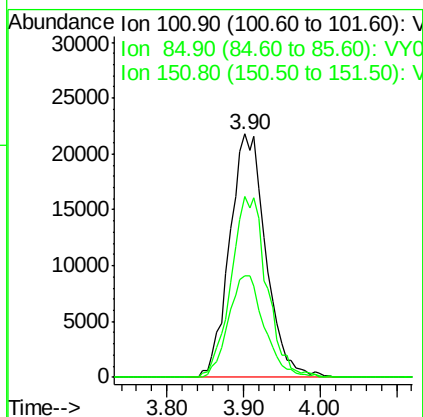
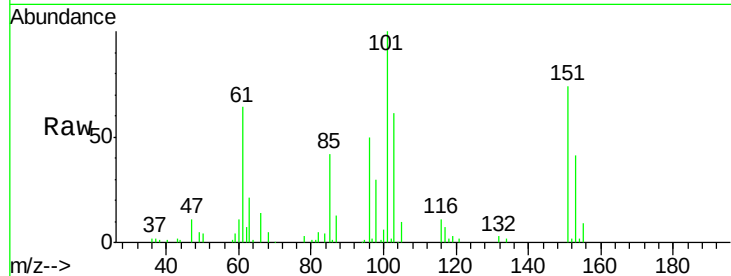




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.692 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

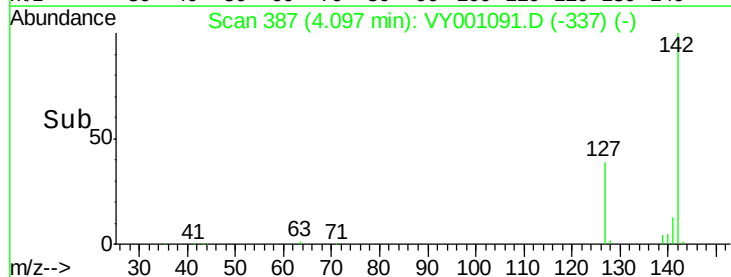
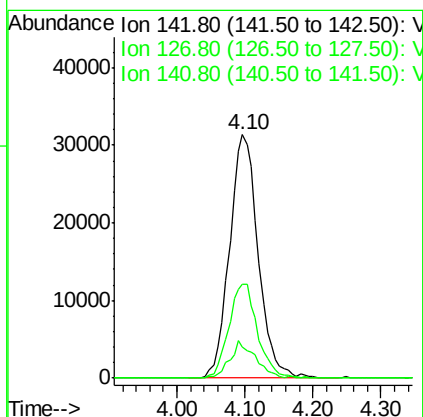
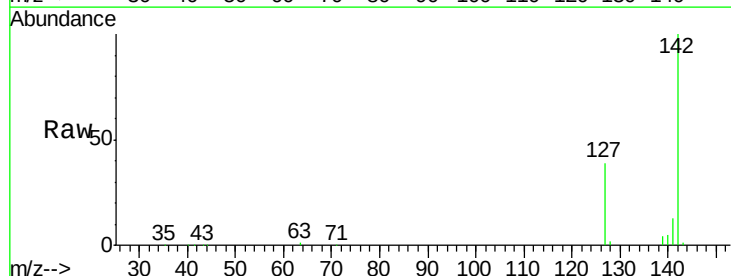
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

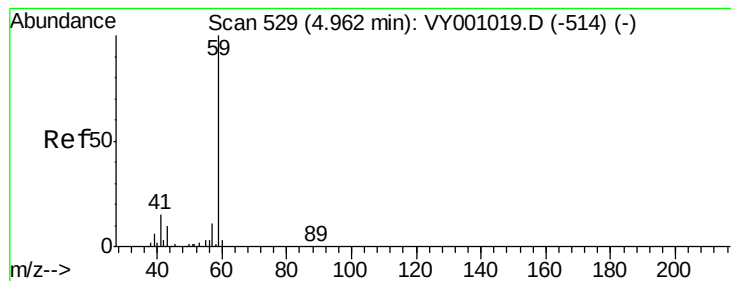
Tgt Ion:101 Resp: 71381
 Ion Ratio Lower Upper
 101 100
 85 41.5 34.2 51.2
 151 73.5 57.0 85.6



#10
 Methyl Iodide
 Concen: 19.186 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion:142 Resp: 91447
 Ion Ratio Lower Upper
 142 100
 127 38.8 31.2 46.8
 141 13.5 11.0 16.4





#11

Tert butyl alcohol

Concen: 99.499 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

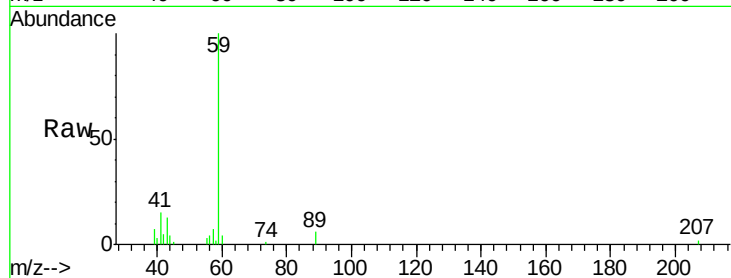
VY1227SBS01

Tgt Ion: 59 Resp: 33545

Ion Ratio Lower Upper

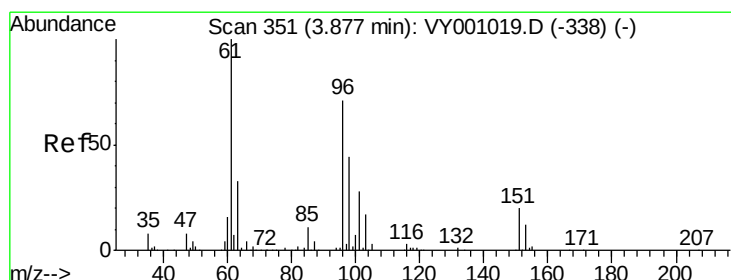
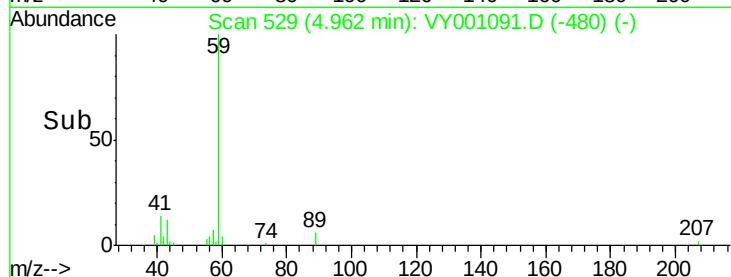
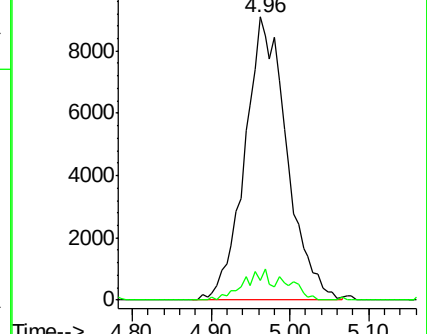
59 100

57 6.7 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 20.633 ug/l

RT: 3.88 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

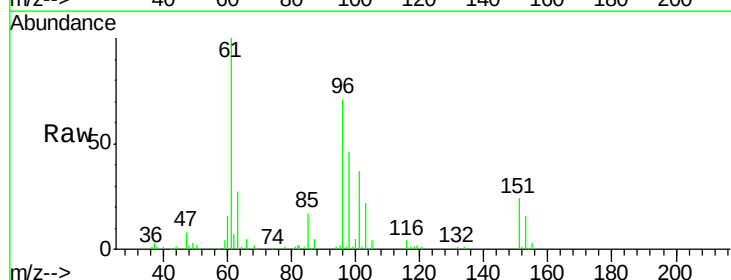
Tgt Ion: 96 Resp: 72063

Ion Ratio Lower Upper

96 100

61 140.0 113.0 169.4

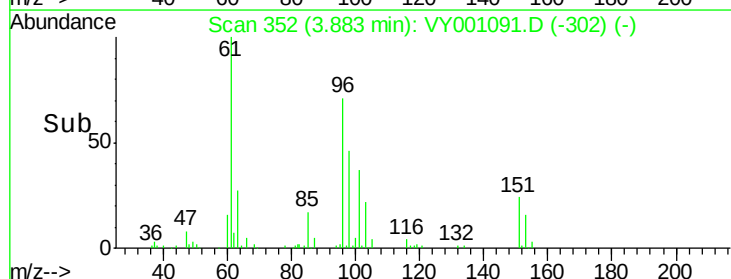
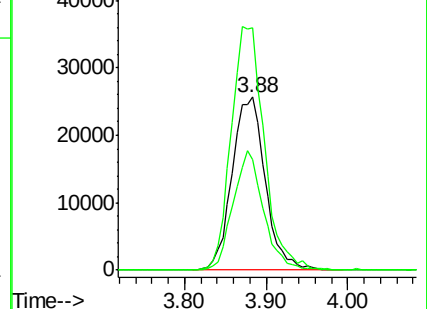
98 64.0 49.8 74.8

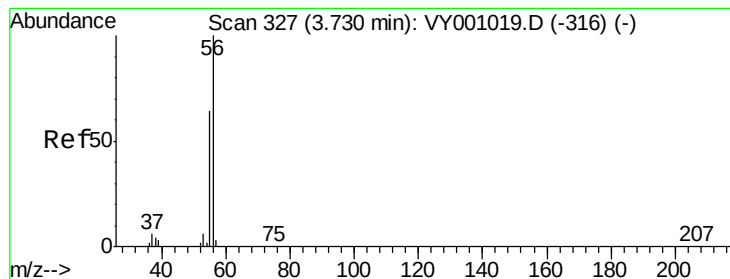


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 92.863 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

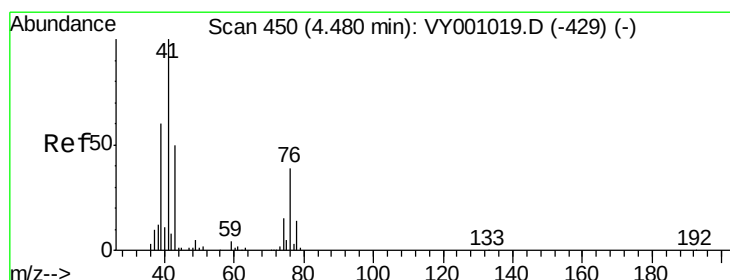
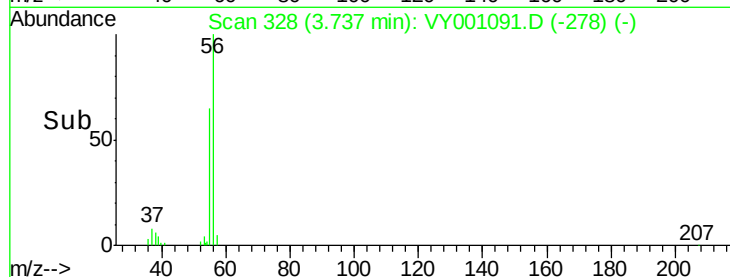
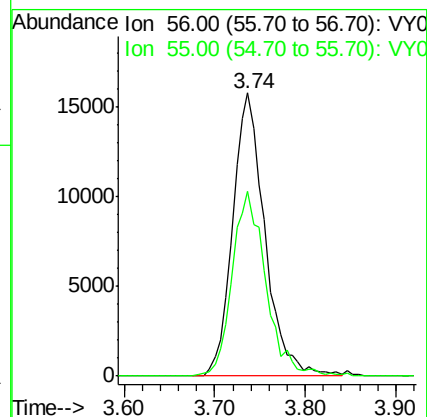
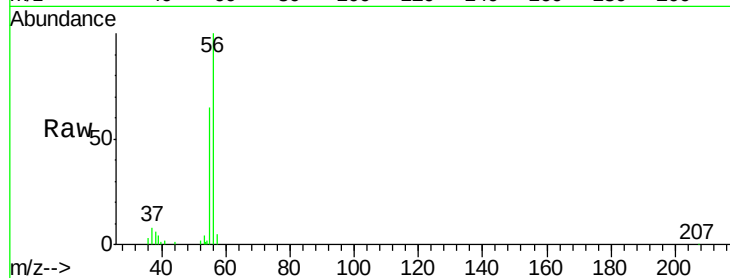
VY1227SBSD01

Tgt Ion: 56 Resp: 38791

Ion Ratio Lower Upper

56 100

55 67.0 55.6 83.4



#14

Allyl chloride

Concen: 18.890 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

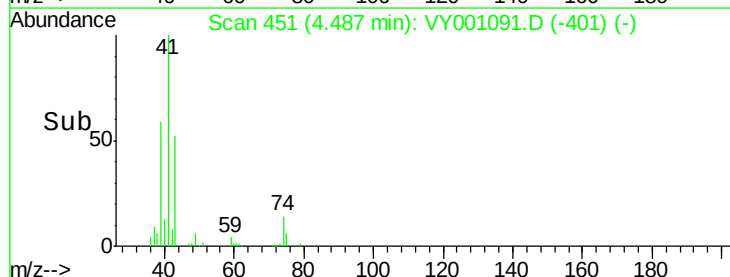
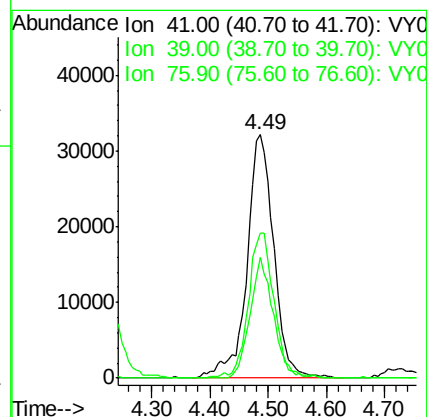
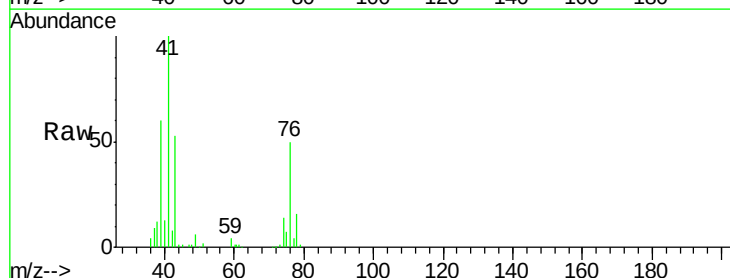
Tgt Ion: 41 Resp: 102493

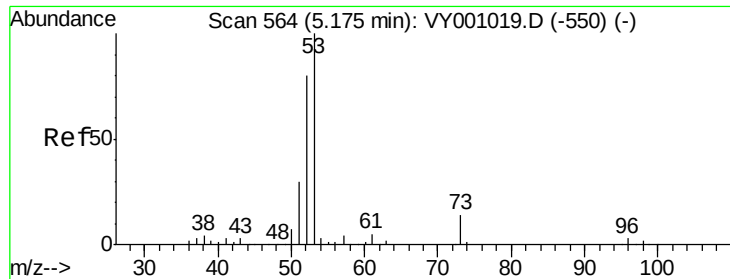
Ion Ratio Lower Upper

41 100

39 57.3 46.0 69.0

76 42.7 32.6 48.8





#15

Acrylonitrile

Concen: 100.113 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

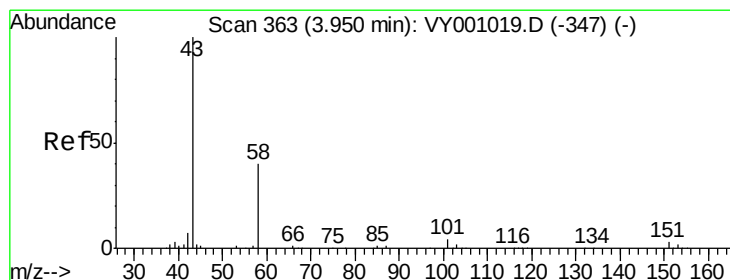
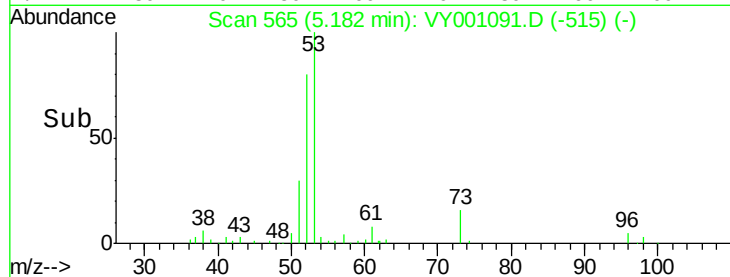
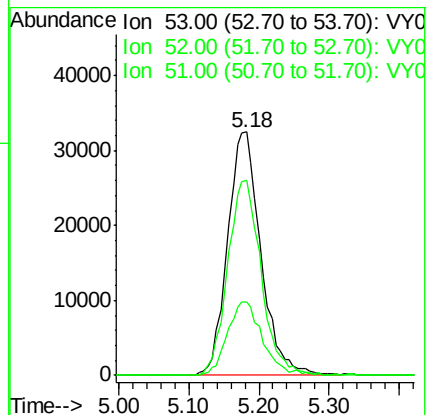
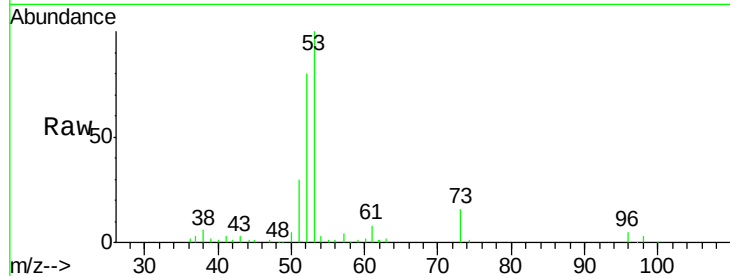
Tgt Ion: 53 Resp: 107260

Ion Ratio Lower Upper

53 100

52 80.4 63.6 95.4

51 31.8 26.7 40.1



#16

Acetone

Concen: 102.865 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001091.D

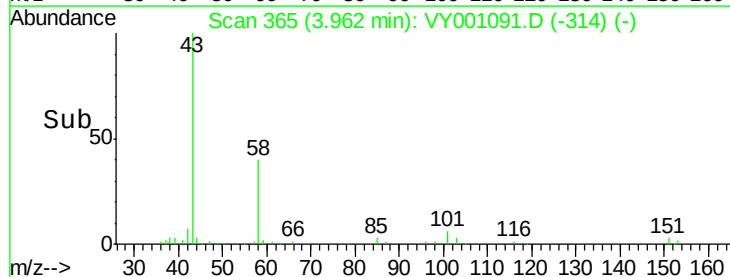
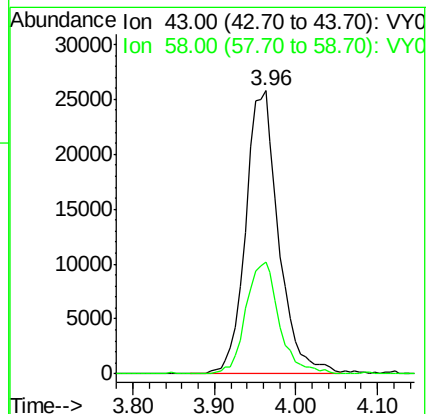
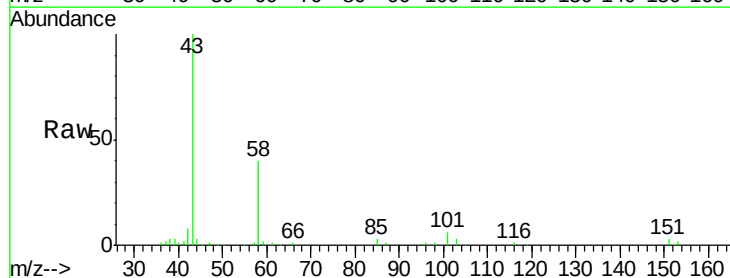
Acq: 27 Dec 2019 12:46

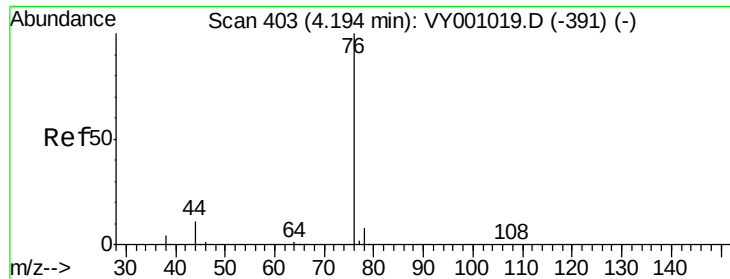
Tgt Ion: 43 Resp: 72661

Ion Ratio Lower Upper

43 100

58 39.6 32.1 48.1

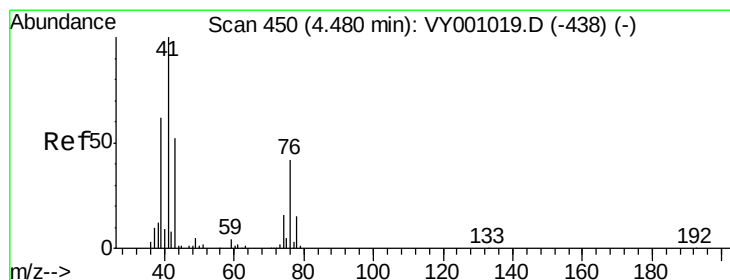
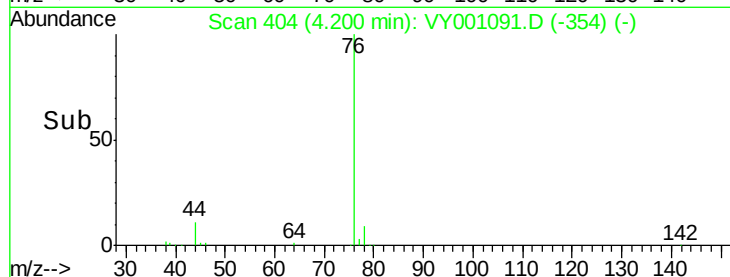
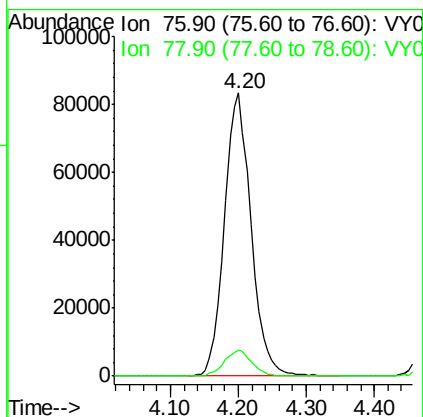
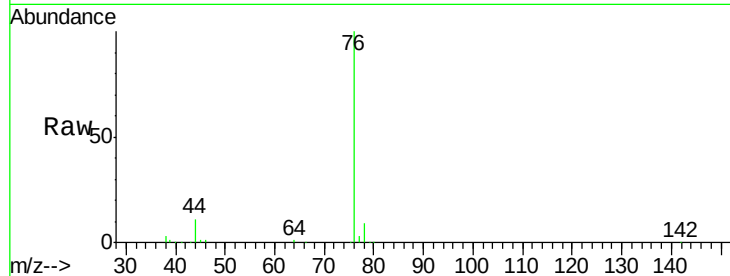




#17
Carbon Disulfide
Concen: 19.822 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

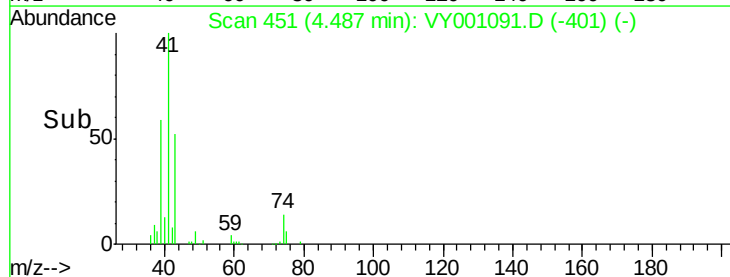
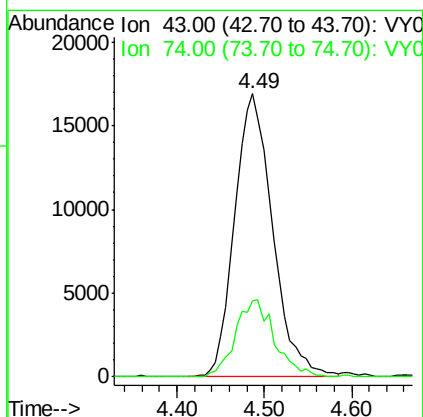
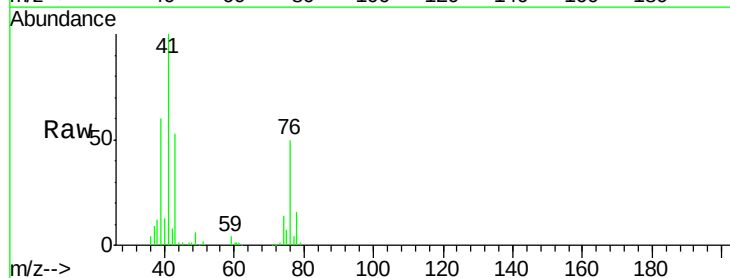
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

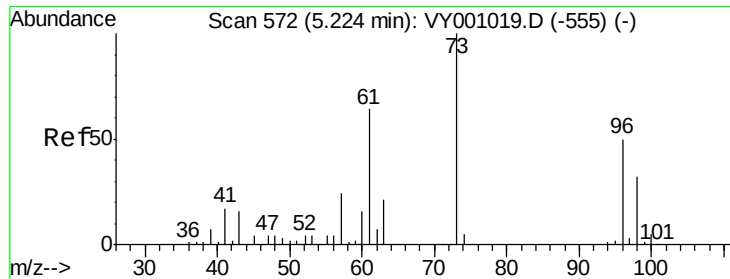
Tgt Ion: 76 Resp: 226219
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1



#18
Methyl Acetate
Concen: 18.894 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 43 Resp: 51202
Ion Ratio Lower Upper
43 100
74 27.9 20.7 31.1

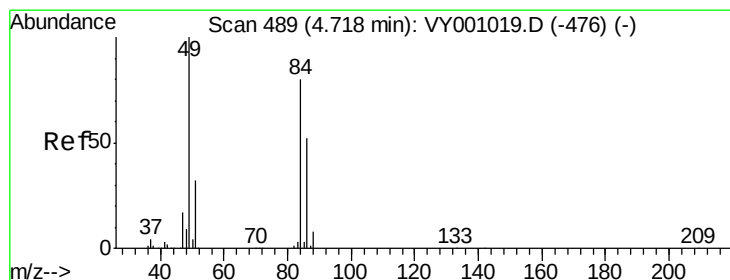
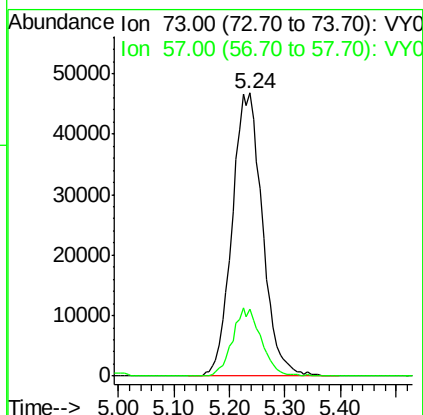
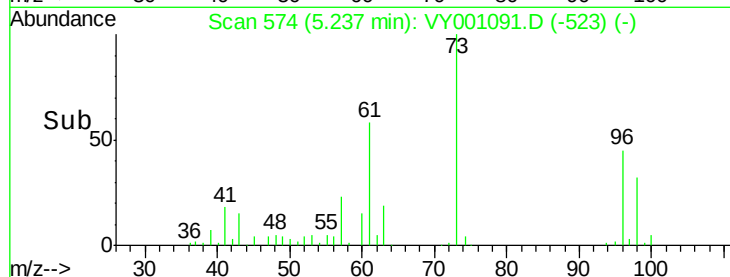
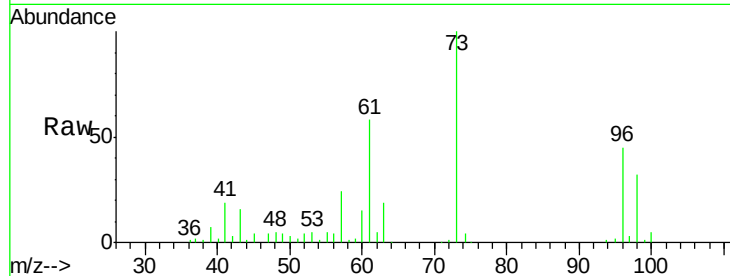




#19
Methyl tert-butyl Ether
Concen: 19.583 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

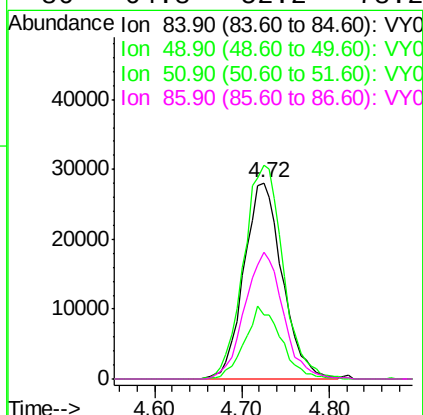
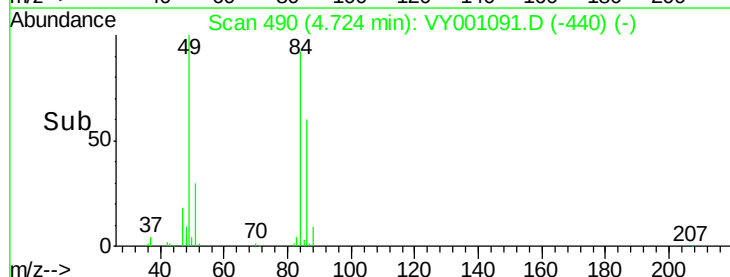
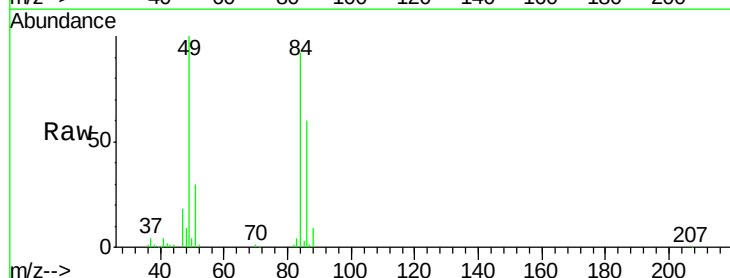
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

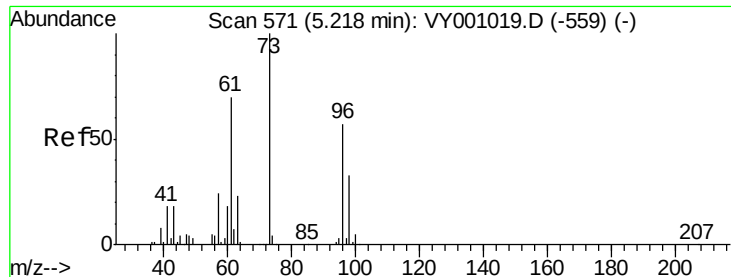
Tgt Ion: 73 Resp: 176531
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6



#20
Methylene Chloride
Concen: 20.656 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 84 Resp: 85883
Ion Ratio Lower Upper
84 100
49 108.7 99.8 149.6
51 32.5 31.4 47.2
86 64.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.432 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

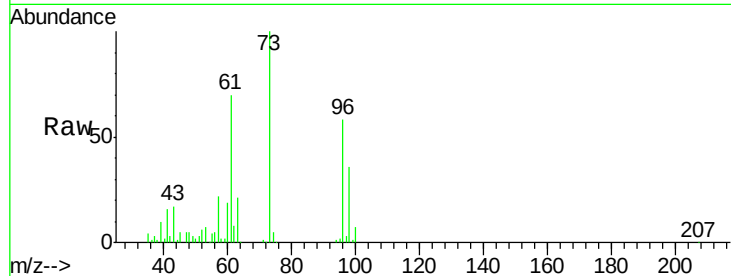
Tgt Ion: 96 Resp: 79085

Ion Ratio Lower Upper

96 100

61 119.1 98.1 147.1

98 61.6 47.2 70.8

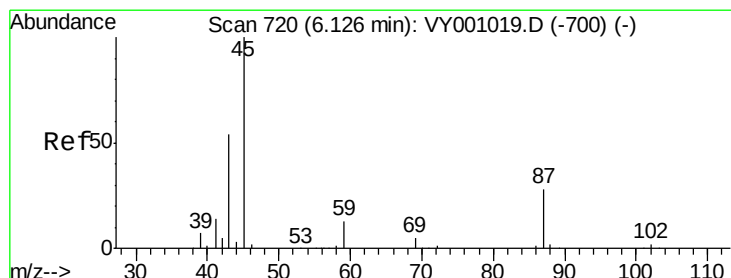
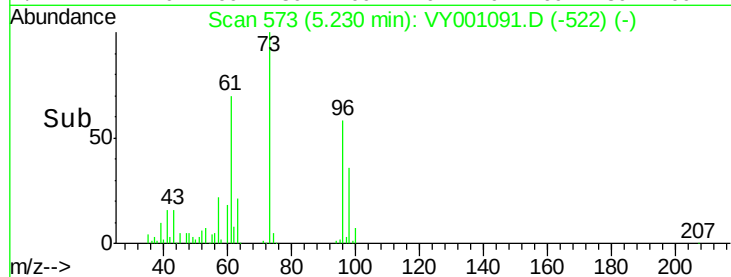
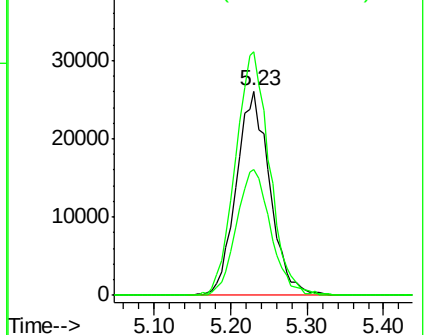


Abundance

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: 18.927 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion: 45 Resp: 207569

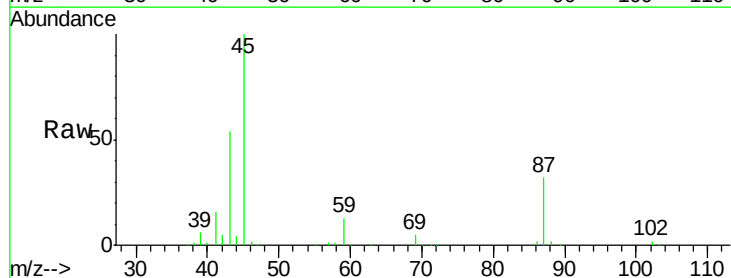
Ion Ratio Lower Upper

45 100

43 54.2 43.6 65.4

87 31.7 23.1 34.7

59 12.6 10.2 15.4



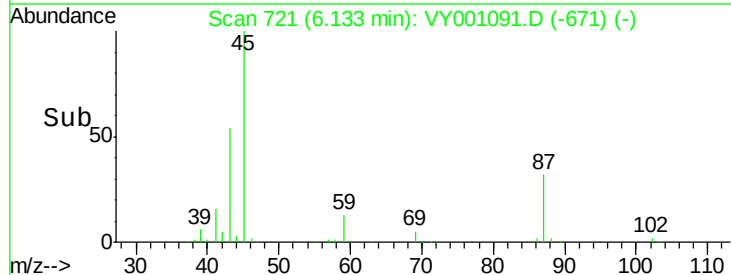
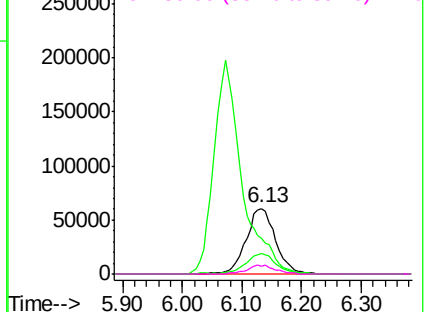
Abundance

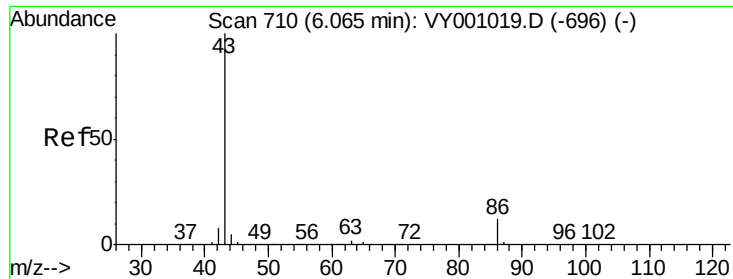
Ion 45.00 (44.70 to 45.70): VY0

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: 93.251 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

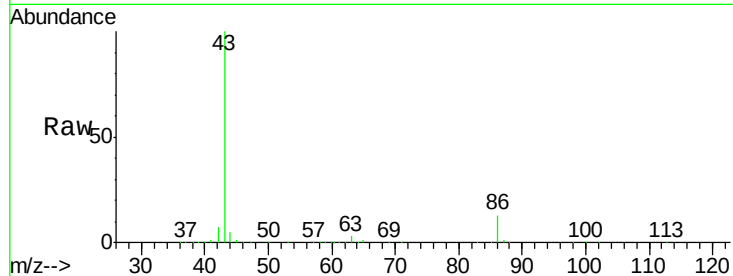
VY1227SBS01

Tgt Ion: 43 Resp: 645851

Ion Ratio Lower Upper

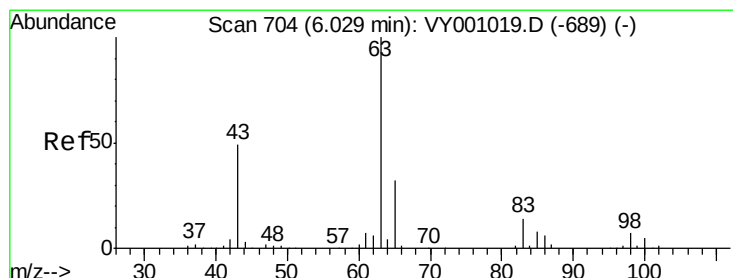
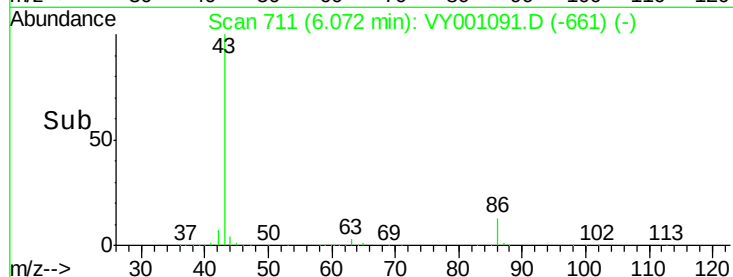
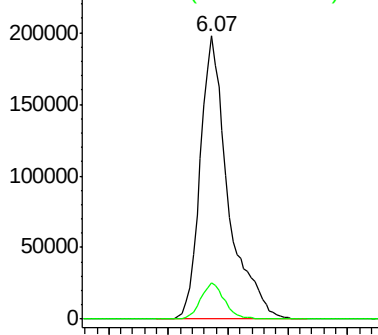
43 100

86 13.0 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: 19.588 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

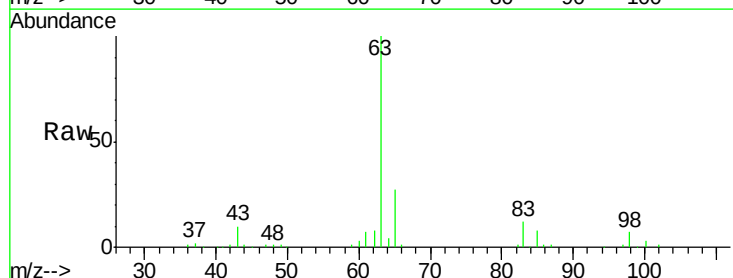
Tgt Ion: 63 Resp: 126948

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

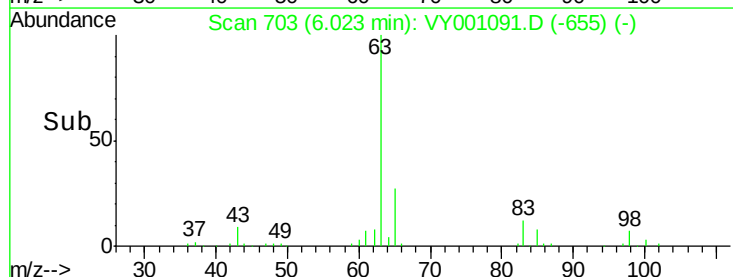
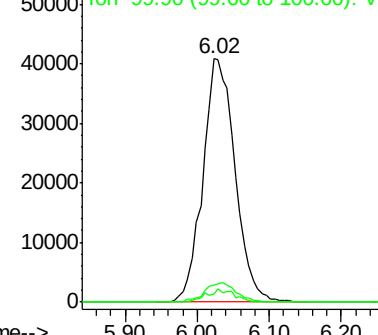
100 3.1 2.5 7.5

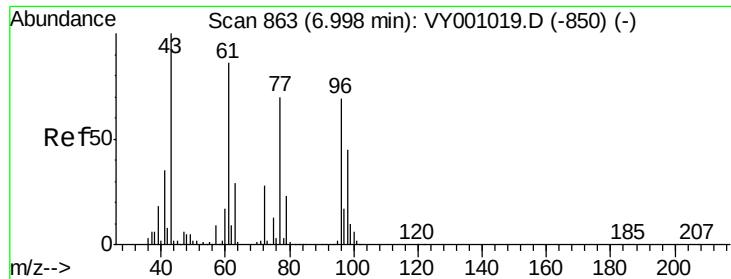


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 96.233 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

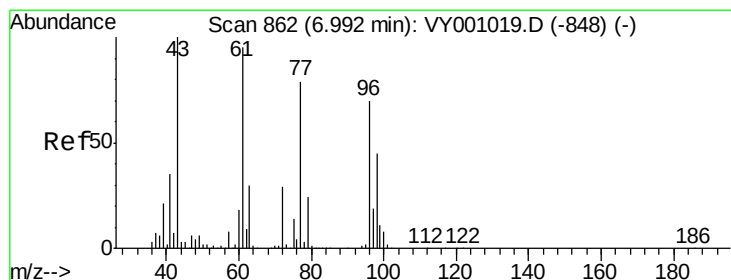
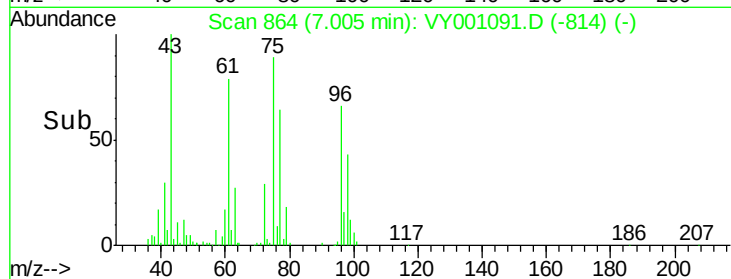
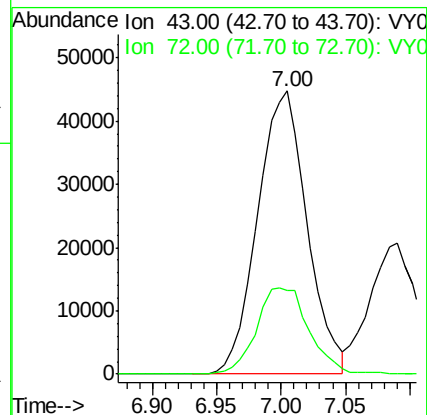
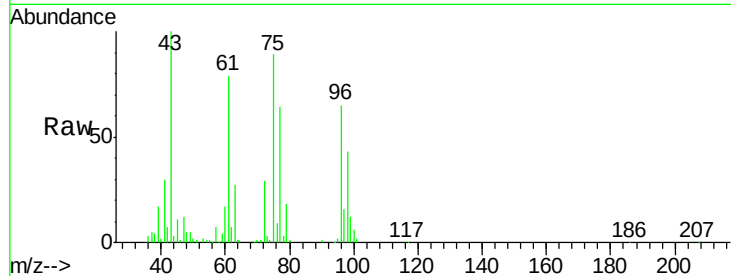
VY1227SBS01

Tgt Ion: 43 Resp: 119417

Ion Ratio Lower Upper

43 100

72 29.4 22.4 33.6



#26

2,2-Dichloropropane

Concen: 19.567 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001091.D

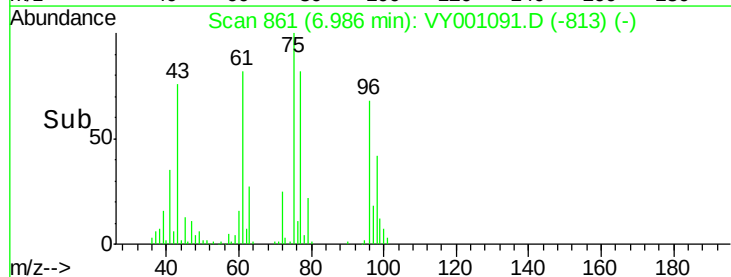
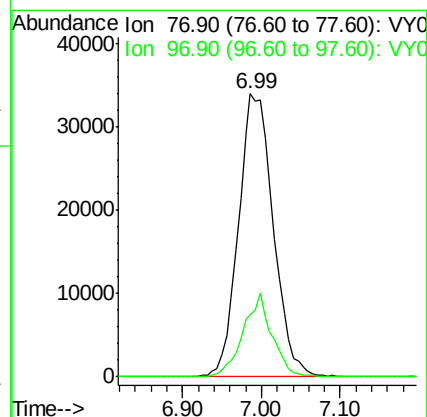
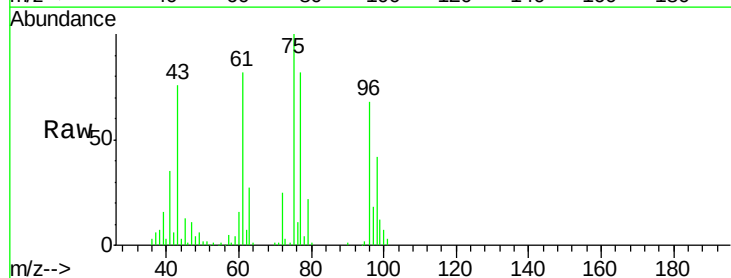
Acq: 27 Dec 2019 12:46

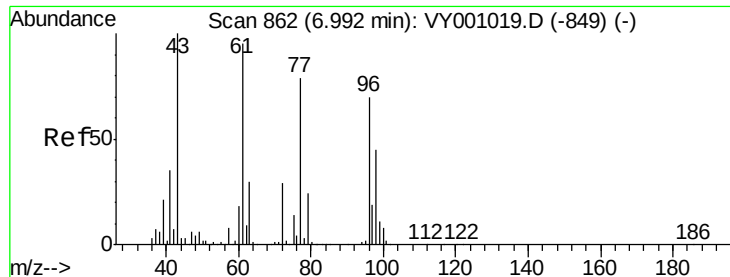
Tgt Ion: 77 Resp: 104184

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1



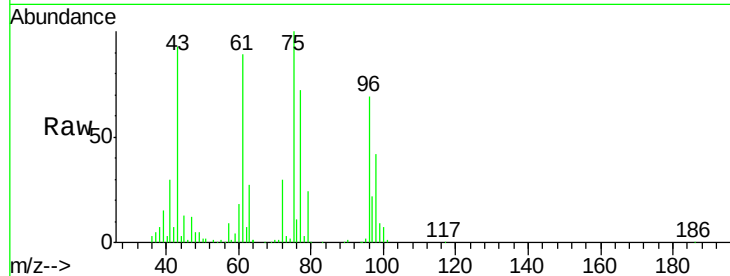


#27

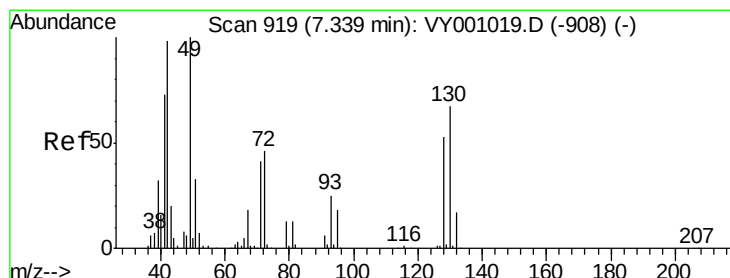
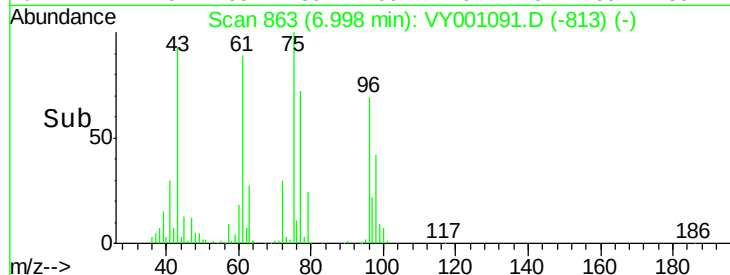
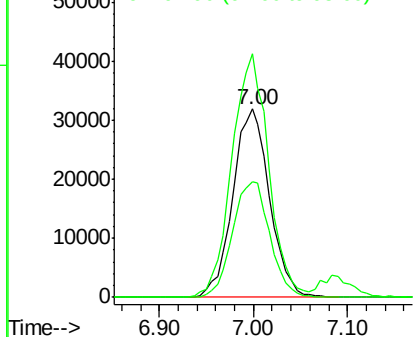
cis-1,2-Dichloroethene
Concen: 20.356 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 96 Resp: 86564
Ion Ratio Lower Upper
96 100
61 129.5 0.0 268.2
98 62.2 0.0 129.2



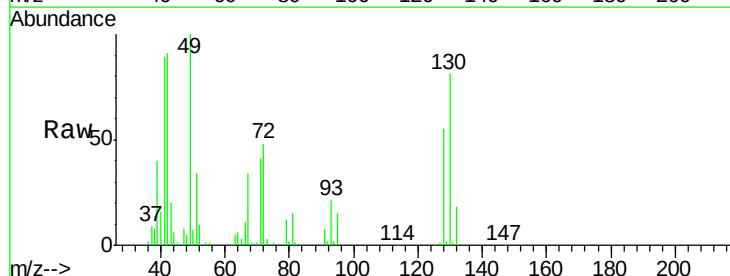
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



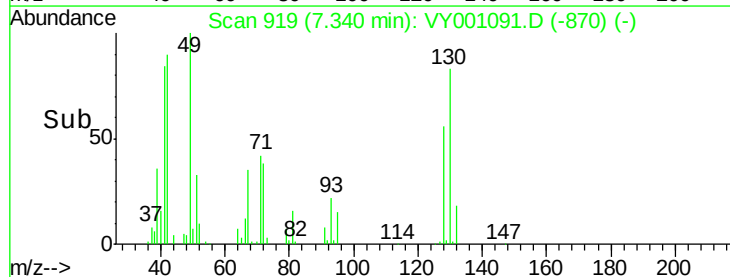
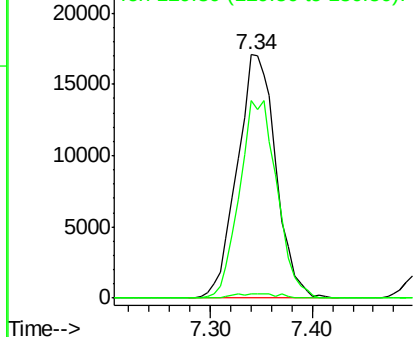
#28

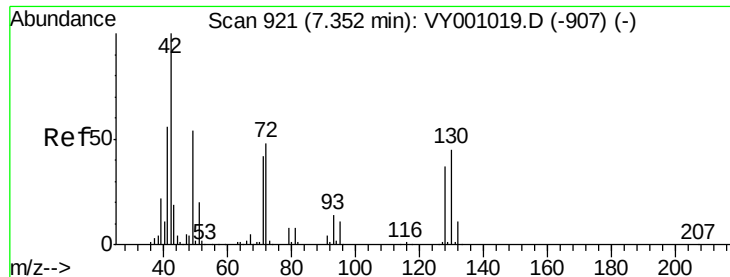
Bromochloromethane
Concen: 17.778 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 49 Resp: 44955
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 78.9 60.4 90.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

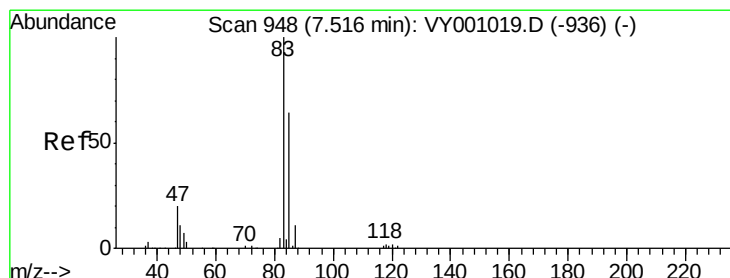
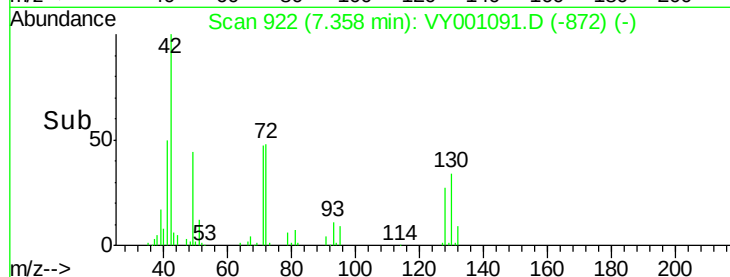
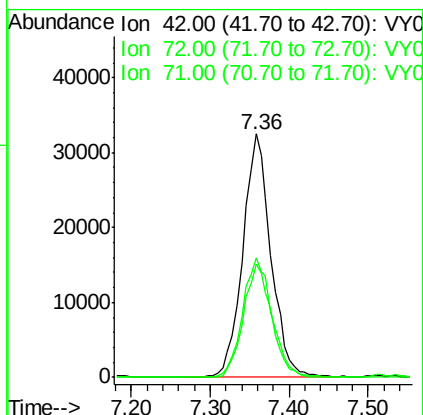
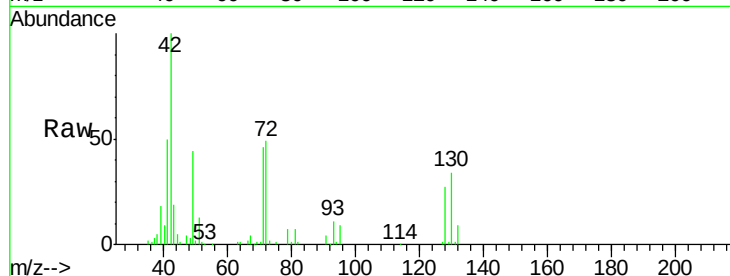




#29
Tetrahydrofuran
Concen: 91.402 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

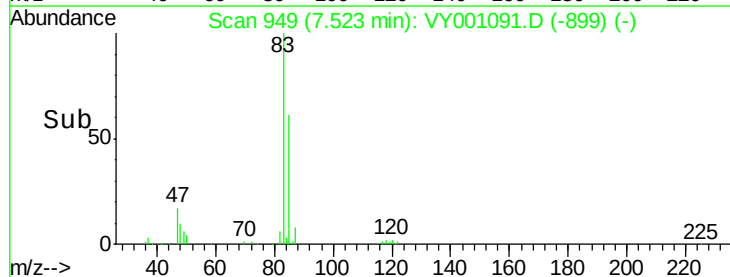
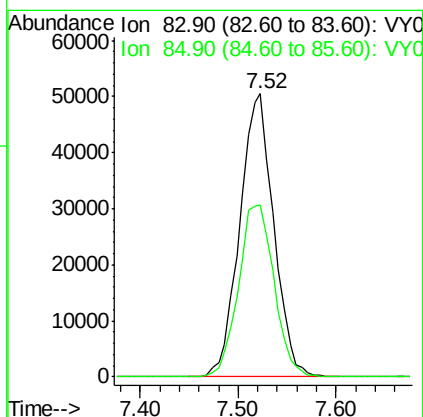
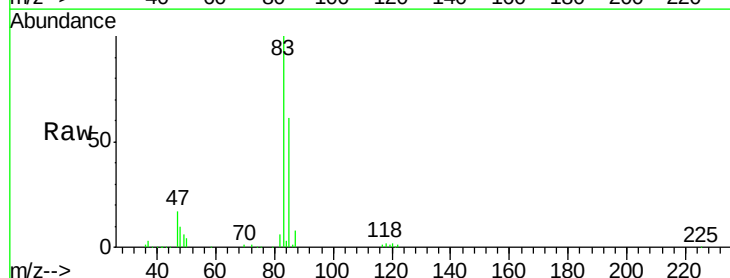
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

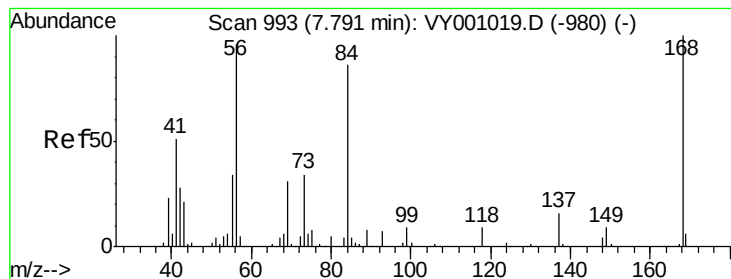
Tgt Ion: 42 Resp: 80680
Ion Ratio Lower Upper
42 100
72 50.8 37.7 56.5
71 46.7 34.6 51.8



#30
Chloroform
Concen: 19.832 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 83 Resp: 121533
Ion Ratio Lower Upper
83 100
85 60.9 51.6 77.4





#31

Cyclohexane

Concen: 18.950 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBSD01

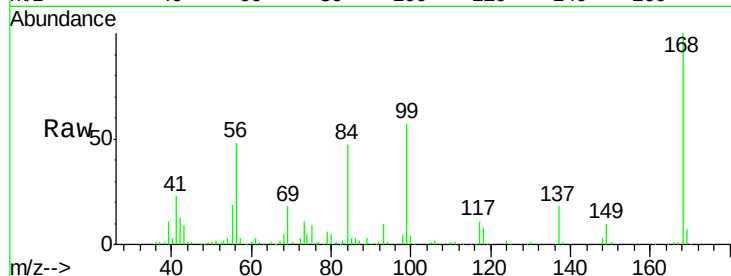
Tgt Ion: 56 Resp: 129142

Ion Ratio Lower Upper

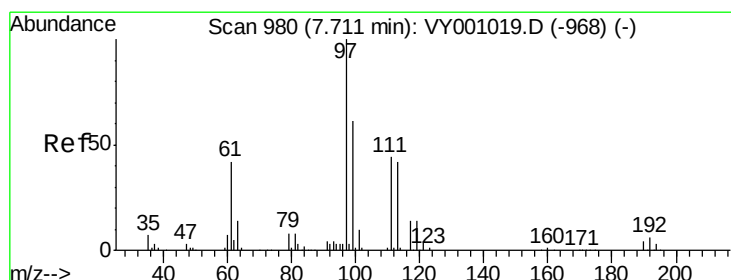
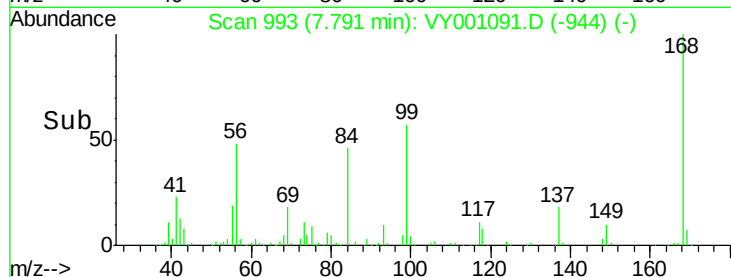
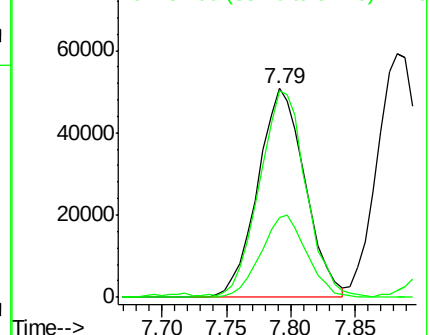
56 100

69 38.4 26.1 39.1

84 98.2 71.8 107.8



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



#32

1,1,1-Trichloroethane

Concen: 19.240 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

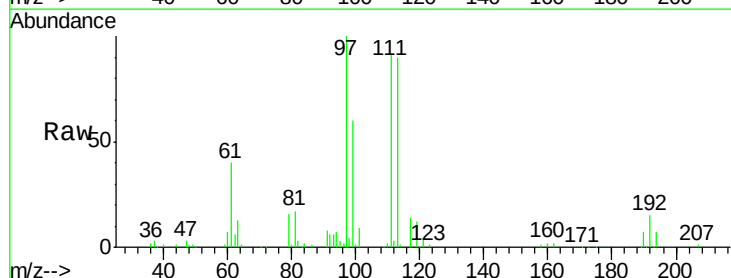
Tgt Ion: 97 Resp: 100581

Ion Ratio Lower Upper

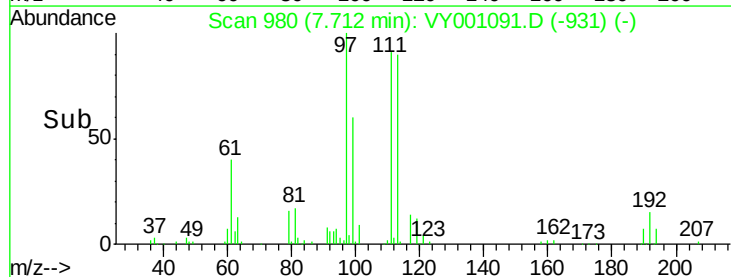
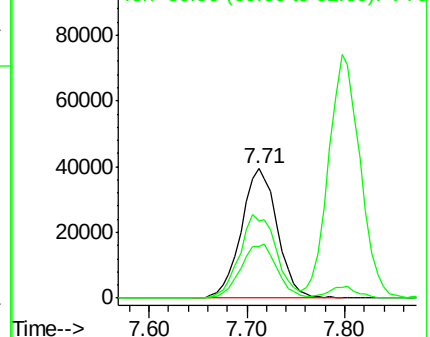
97 100

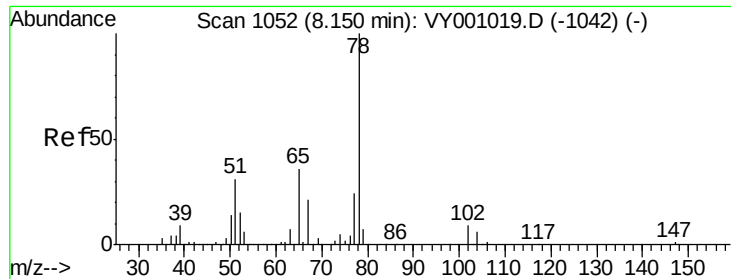
99 65.6 50.6 76.0

61 41.9 33.0 49.6



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

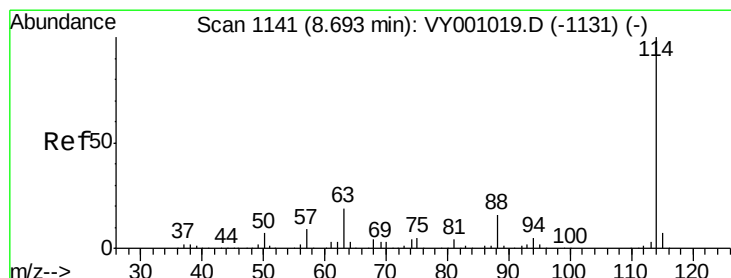
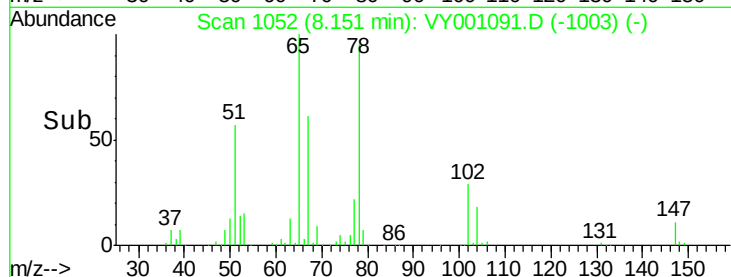
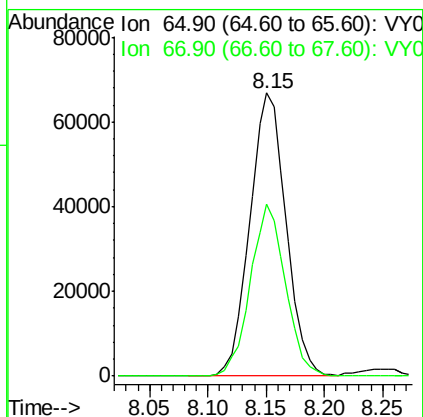
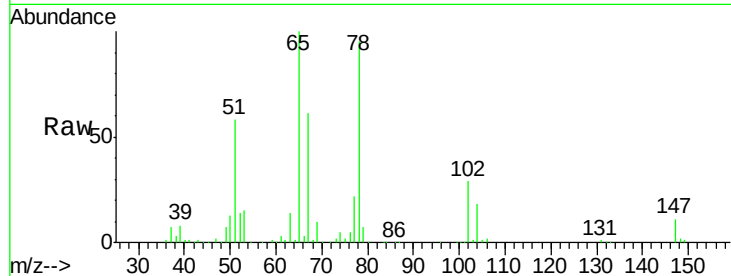




#33
 1,2-Dichloroethane-d4
 Concen: 47.249 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

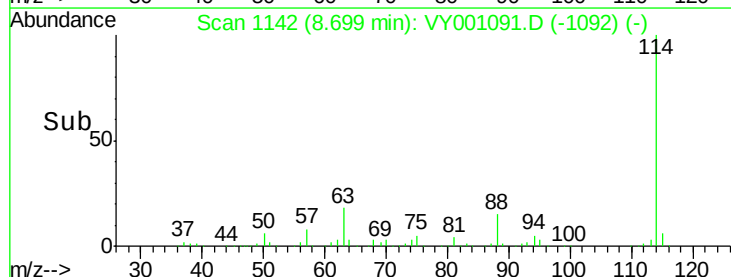
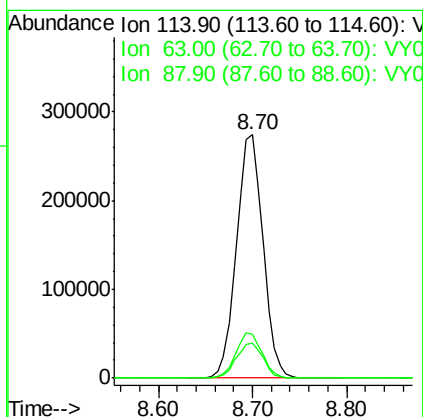
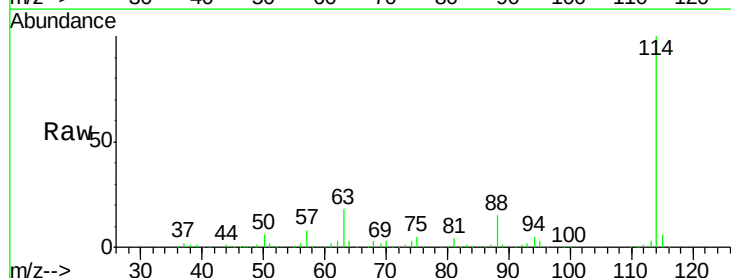
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBSD01

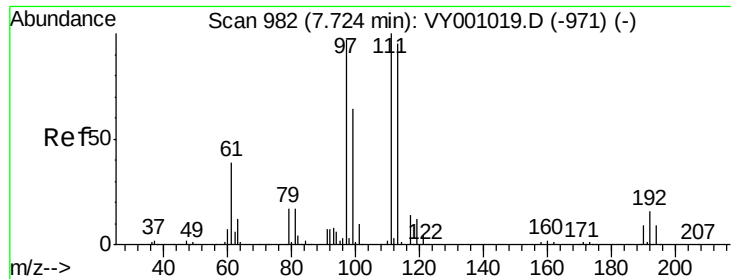
Tgt Ion: 65 Resp: 144876
 Ion Ratio Lower Upper
 65 100
 67 59.0 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion: 114 Resp: 538077
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.0
 88 14.6 0.0 32.0

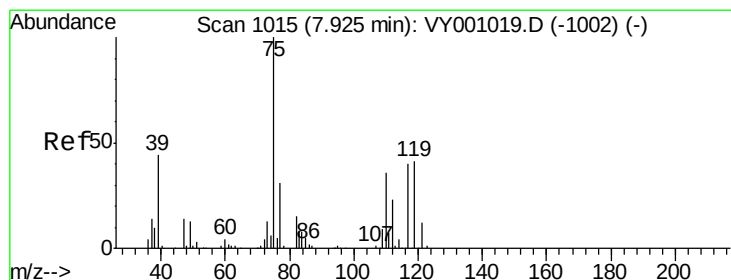
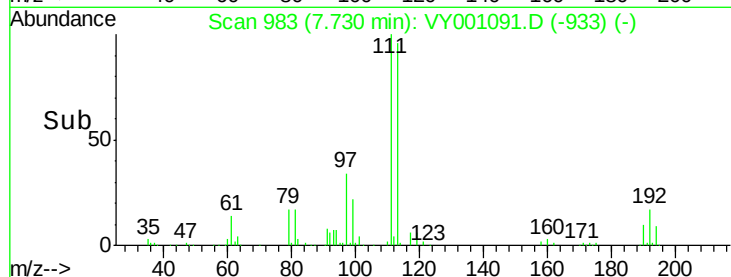
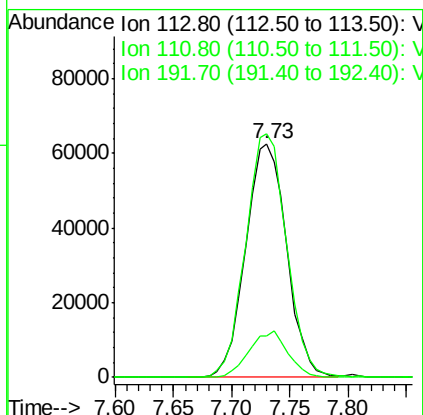
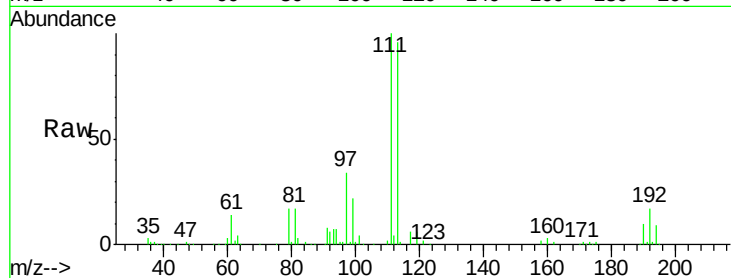




#35
 Dibromofluoromethane
 Concen: 48.369 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

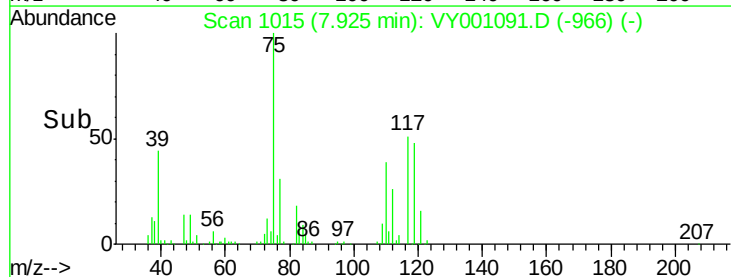
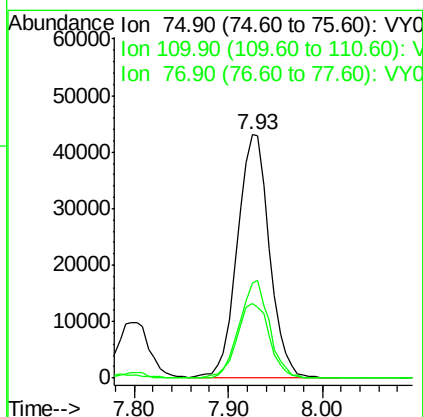
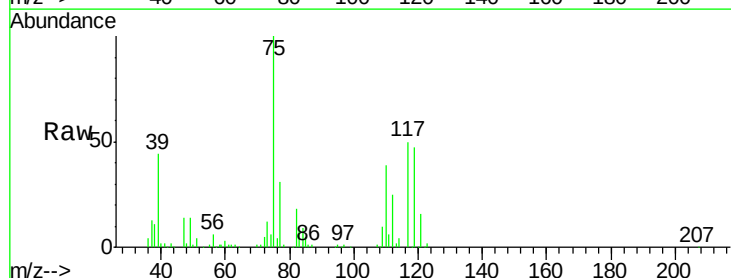
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

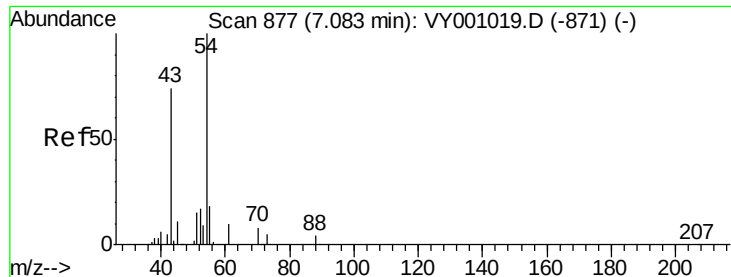
Tgt Ion: 113 Resp: 153256
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.0 124.4
 192 18.8 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 20.016 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion: 75 Resp: 102744
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.1 54.4
 77 31.1 24.6 37.0

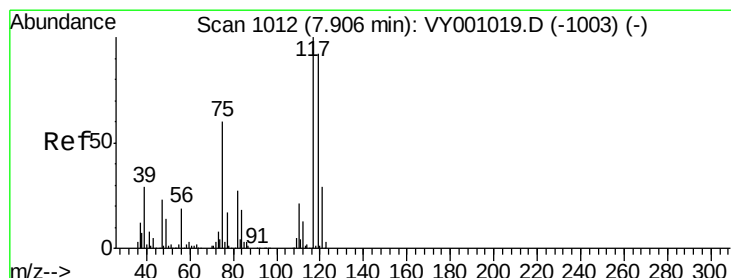
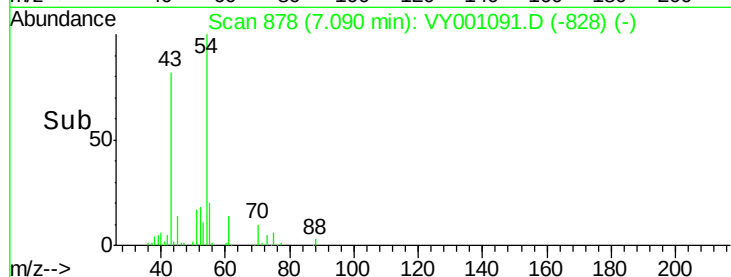
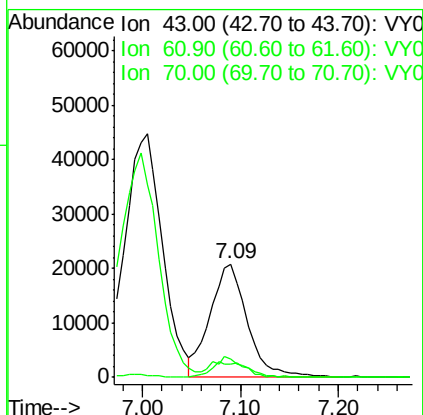
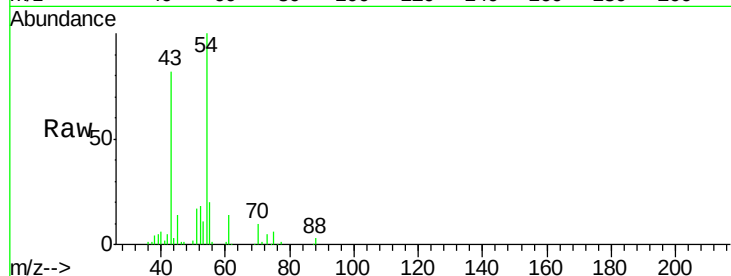




#37
Ethyl Acetate
Concen: 19.351 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

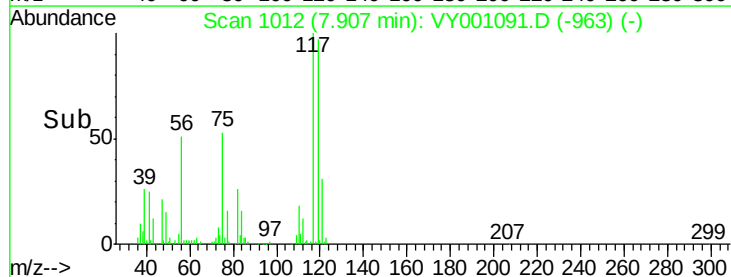
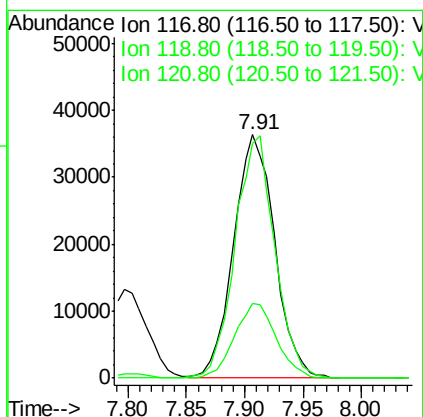
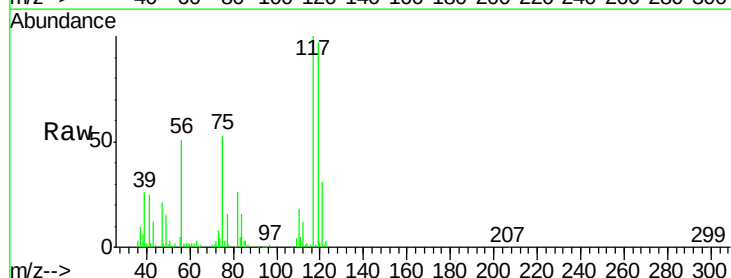
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

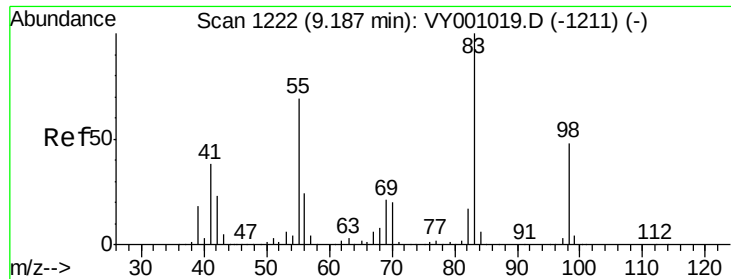
Tgt Ion: 43 Resp: 55001
Ion Ratio Lower Upper
43 100
61 15.3 12.5 18.7
70 12.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.932 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 117 Resp: 89642
Ion Ratio Lower Upper
117 100
119 96.6 74.2 111.2
121 30.7 22.9 34.3

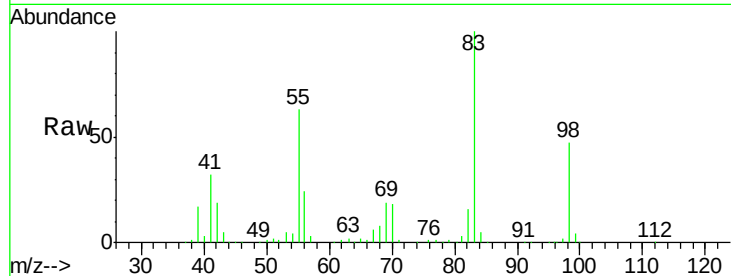




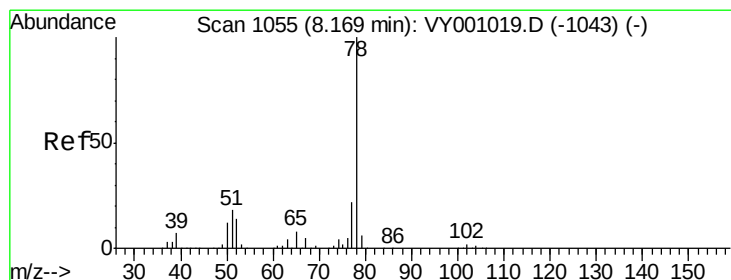
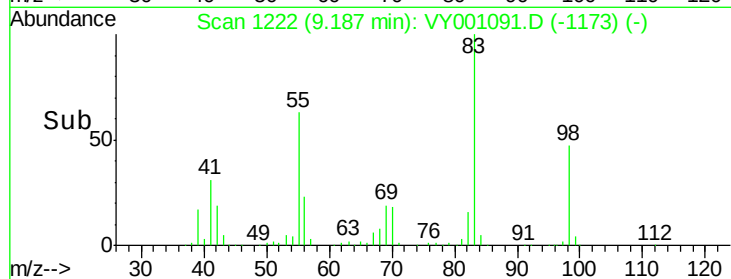
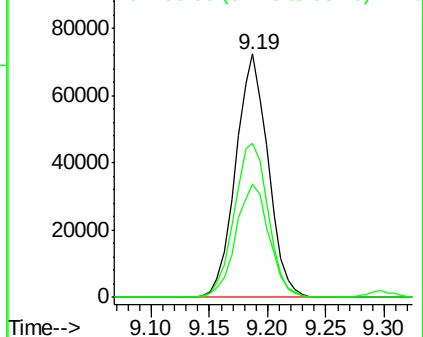
#39
Methylcyclohexane
Concen: 20.541 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 83 Resp: 140025
Ion Ratio Lower Upper
83 100
55 63.3 55.1 82.7
98 46.5 38.3 57.5

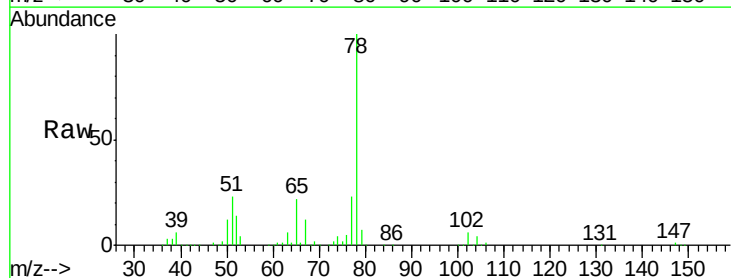


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

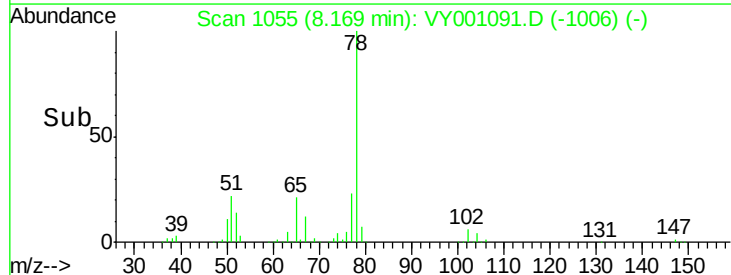
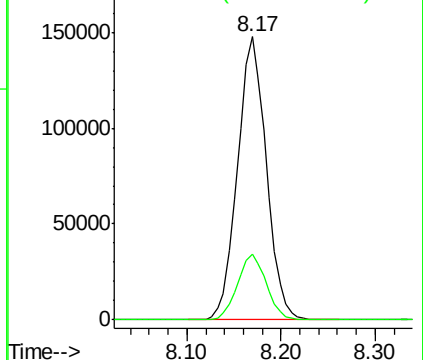


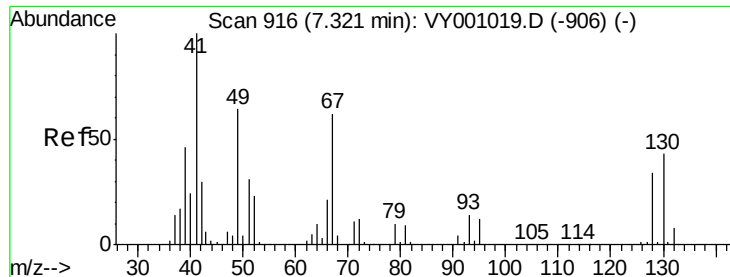
#40
Benzene
Concen: 20.336 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 78 Resp: 314922
Ion Ratio Lower Upper
78 100
77 23.3 17.7 26.5



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

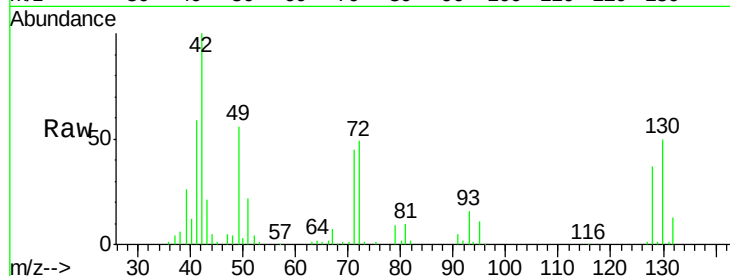




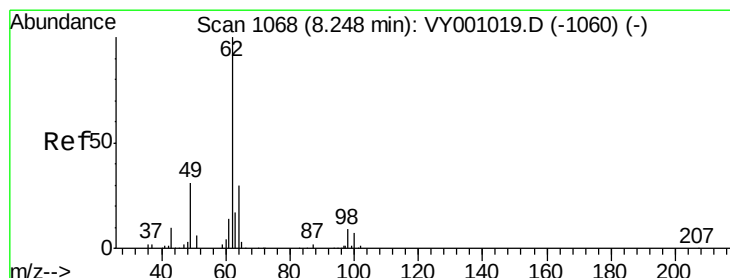
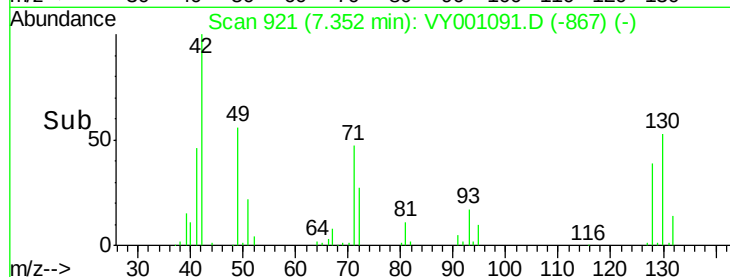
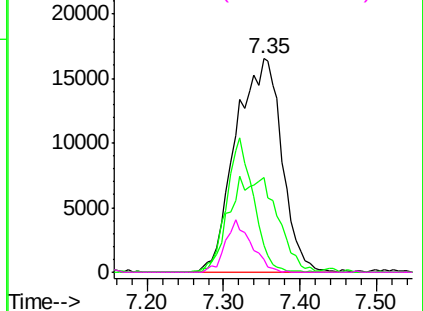
#41
Methacrylonitrile
Concen: 56.182 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:	41	Resp:	69232
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

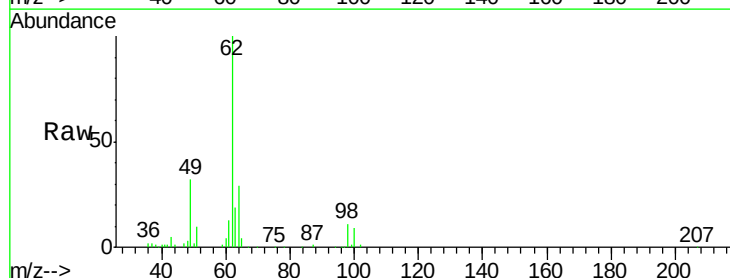


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

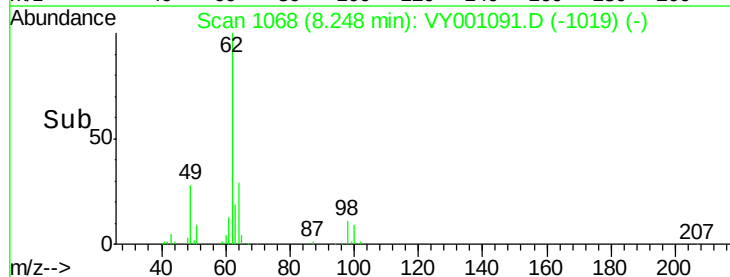
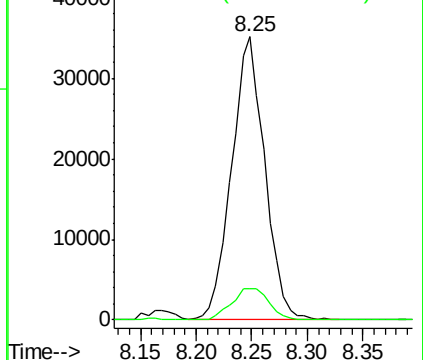


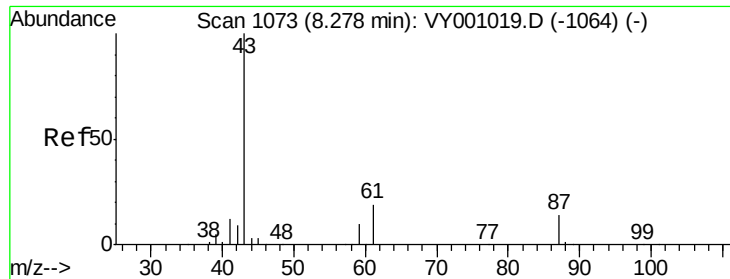
#42
1,2-Dichloroethane
Concen: 19.561 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion:	62	Resp:	72425
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	23.4



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

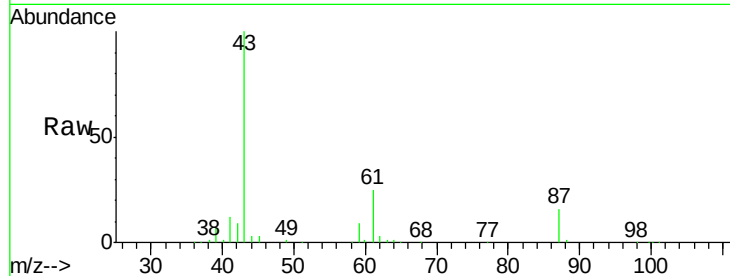




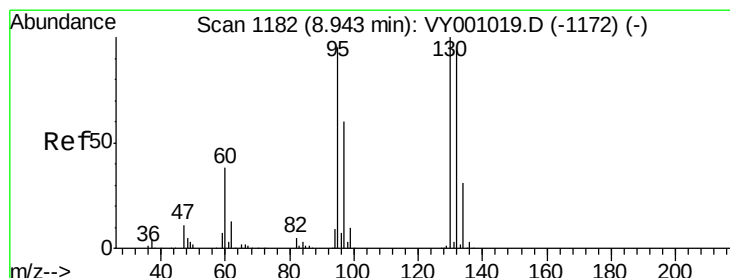
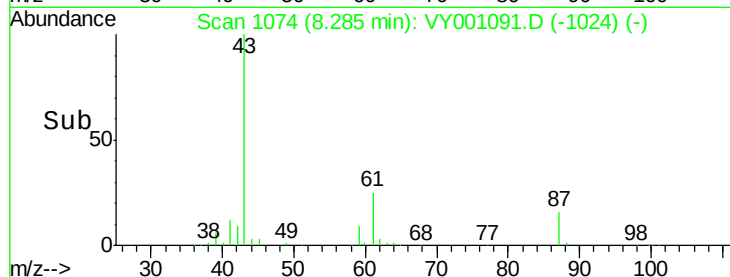
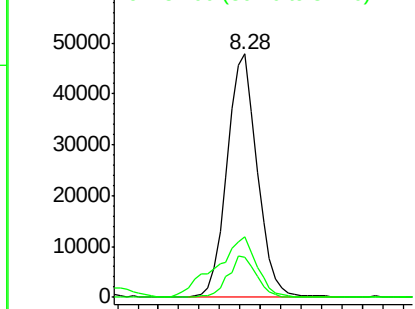
#43
Isopropyl Acetate
Concen: 18.604 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 43 Resp: 97889
Ion Ratio Lower Upper
43 100
61 33.8 25.0 37.6
87 16.0 12.0 18.0

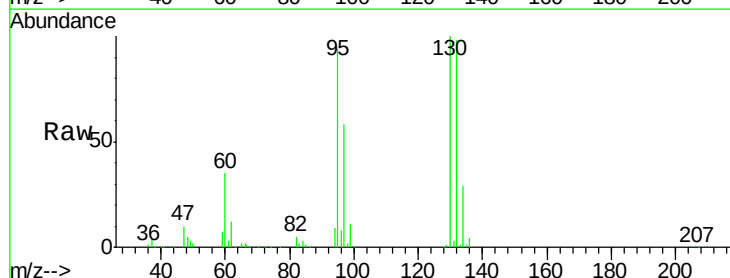


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

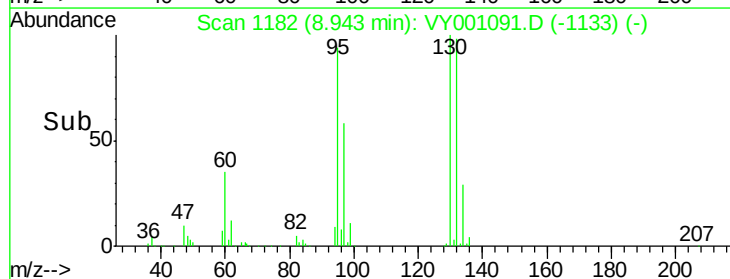
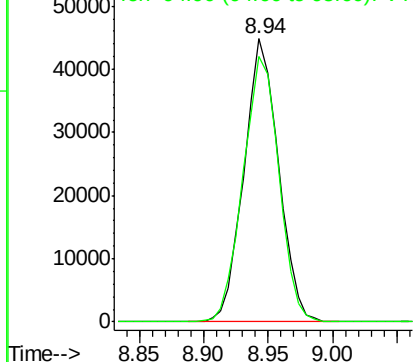


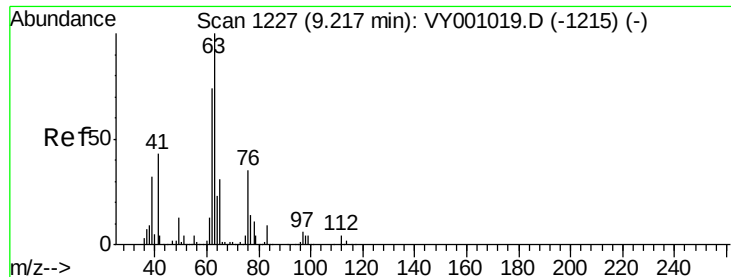
#44
Trichloroethene
Concen: 20.370 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 130 Resp: 83117
Ion Ratio Lower Upper
130 100
95 93.7 0.0 190.6



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

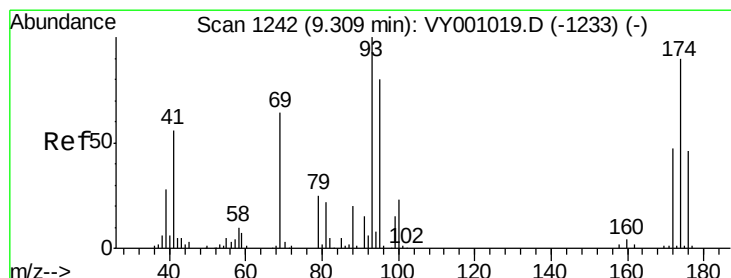
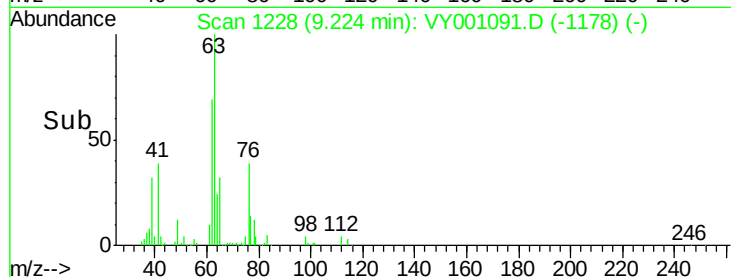
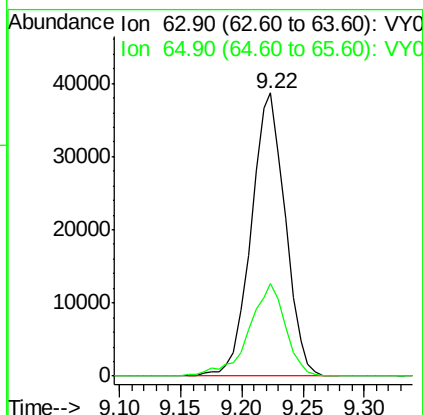
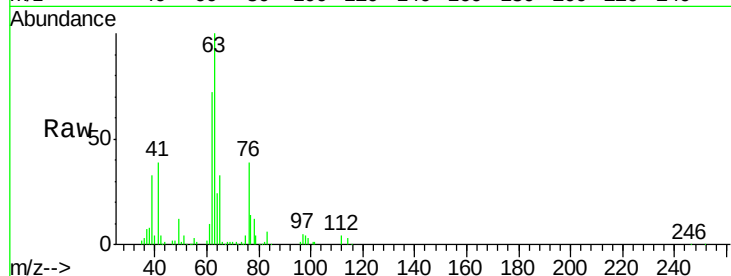




#45
 1,2-Dichloropropane
 Concen: 19.301 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

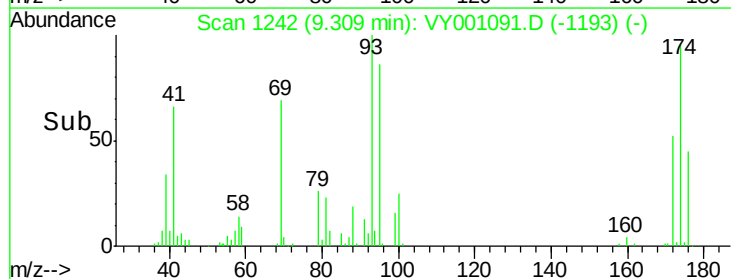
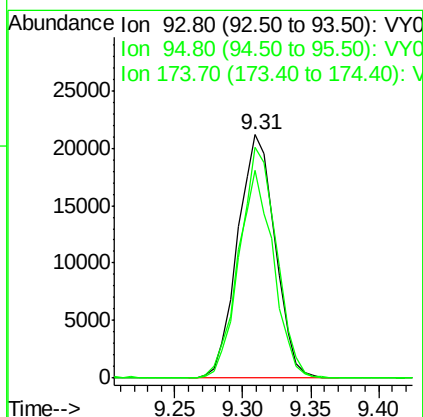
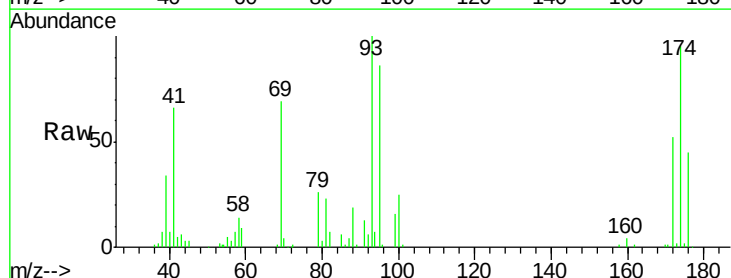
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBSD01

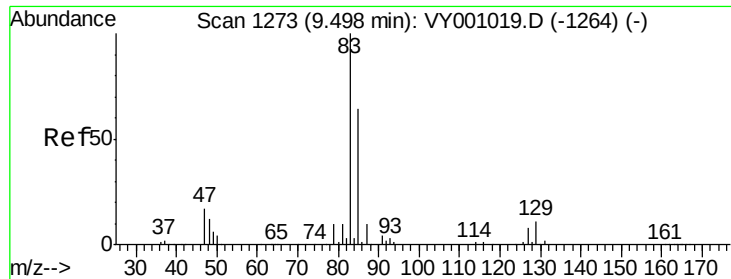
Tgt Ion: 63 Resp: 74982
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.1 37.7



#46
 Dibromomethane
 Concen: 20.325 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion: 93 Resp: 40704
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.7 100.1
 174 92.7 73.6 110.4





#47

Bromodichloromethane

Concen: 19.191 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

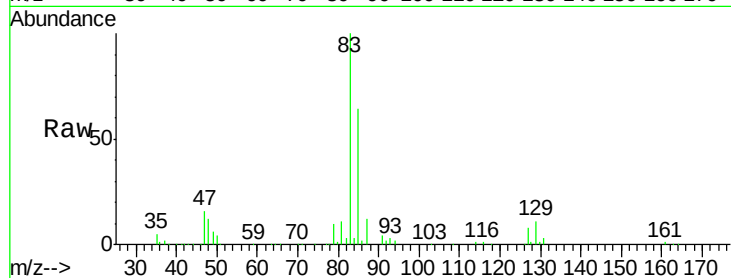
Tgt Ion: 83 Resp: 89025

Ion Ratio Lower Upper

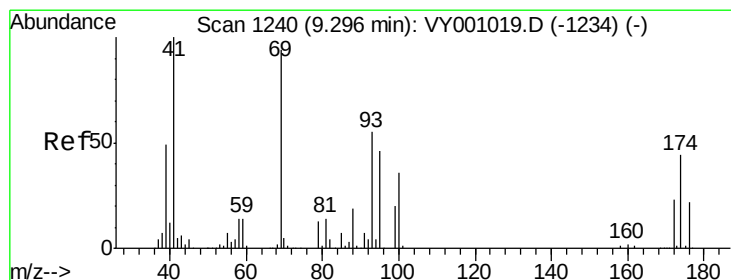
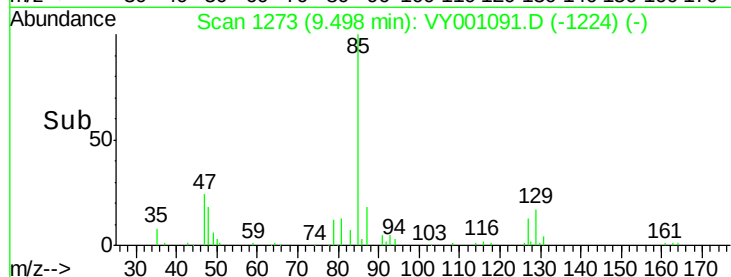
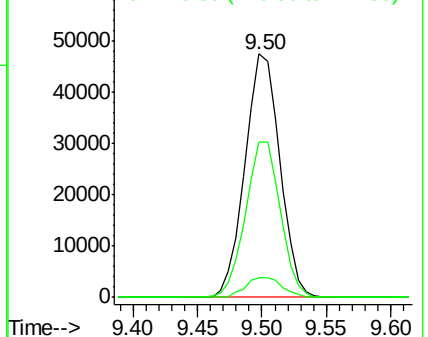
83 100

85 63.7 50.9 76.3

127 8.1 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): VY0



#48

Methyl methacrylate

Concen: 19.281 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

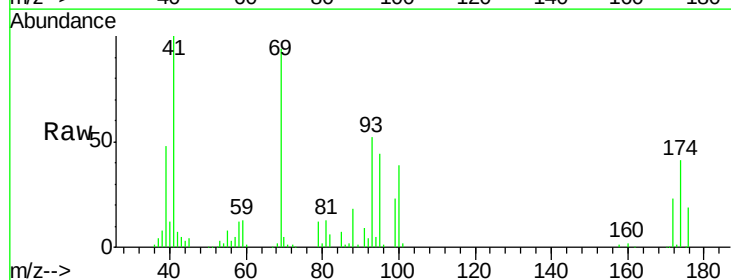
Tgt Ion: 41 Resp: 43292

Ion Ratio Lower Upper

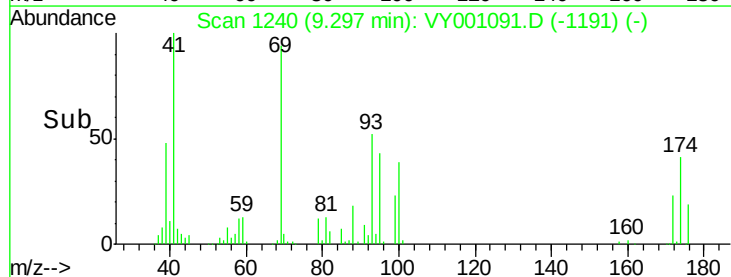
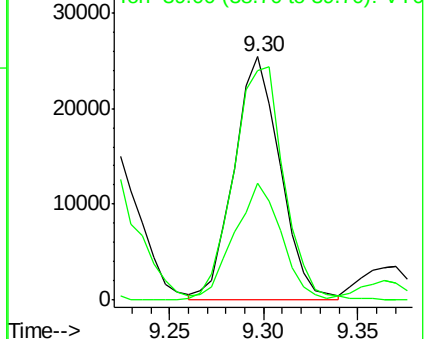
41 100

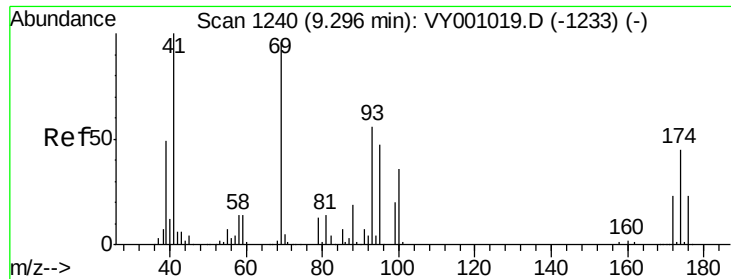
69 104.2 79.8 119.6

39 48.8 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

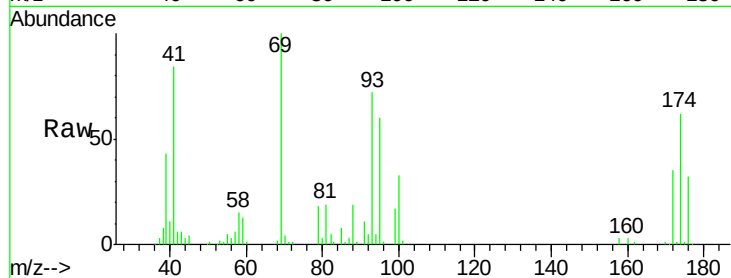




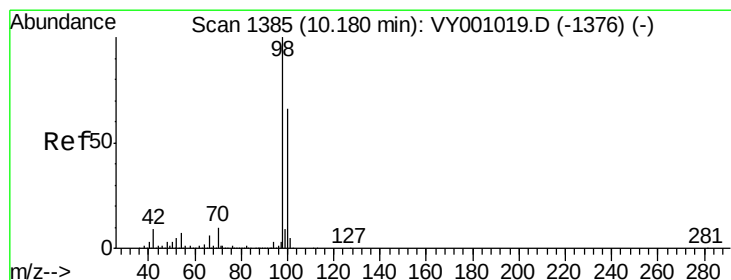
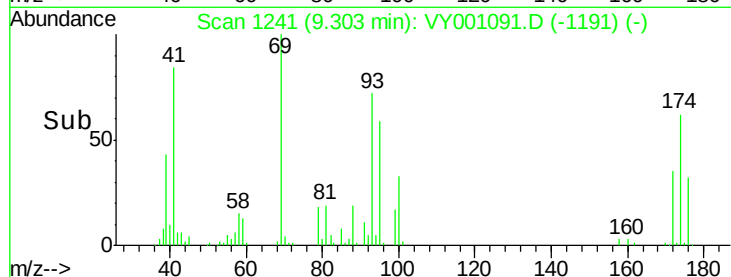
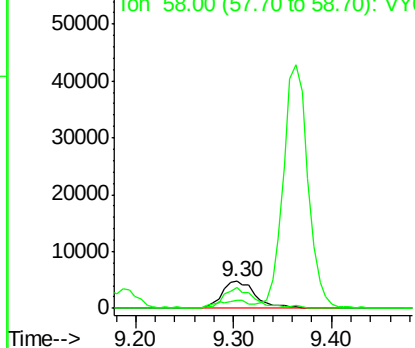
#49
1,4-Dioxane
Concen: 389.957 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 88 Resp: 11424
Ion Ratio Lower Upper
88 100
43 24.5 23.0 34.4
58 73.4 54.9 82.3

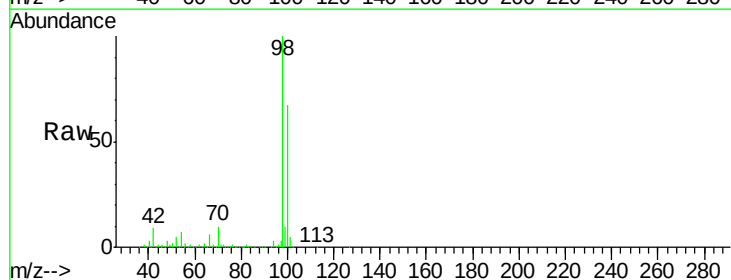


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

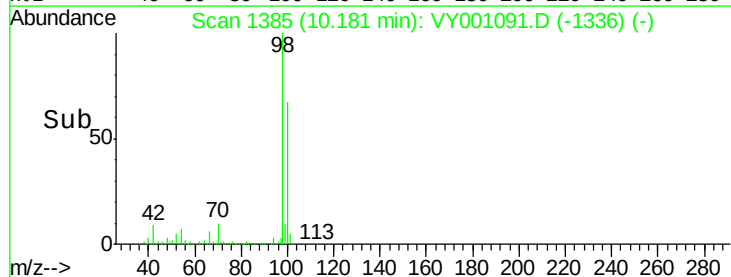
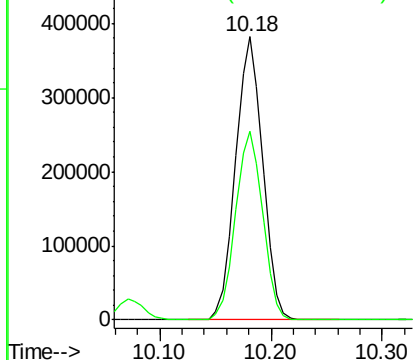


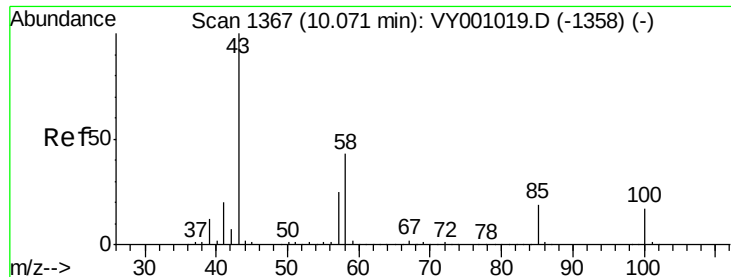
#50
Toluene-d8
Concen: 51.936 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 98 Resp: 643089
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



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

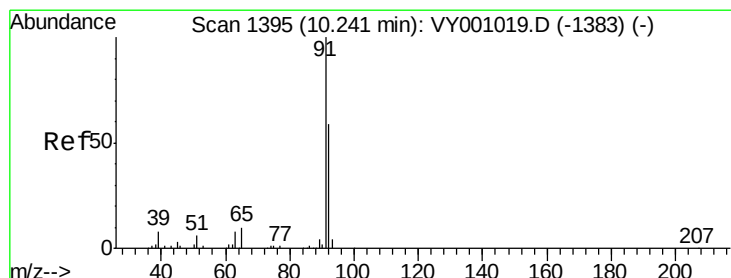
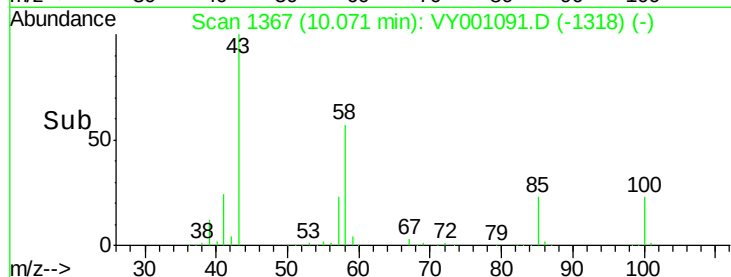
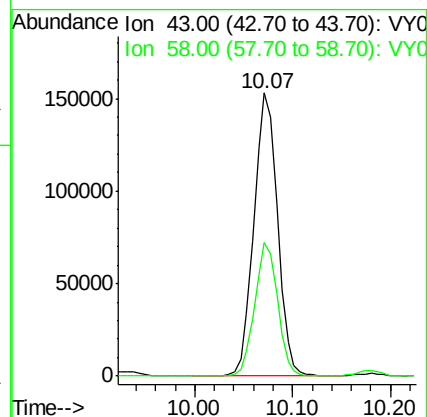
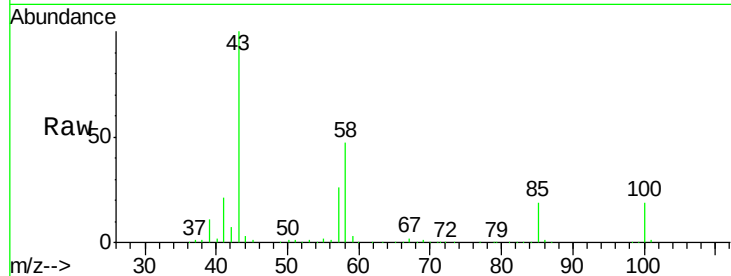




#51
4-Methyl-2-Pentanone
Concen: 93.949 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

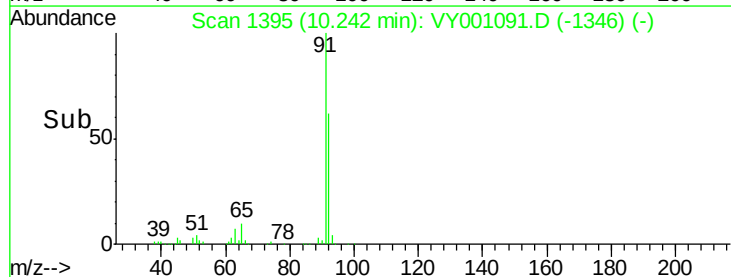
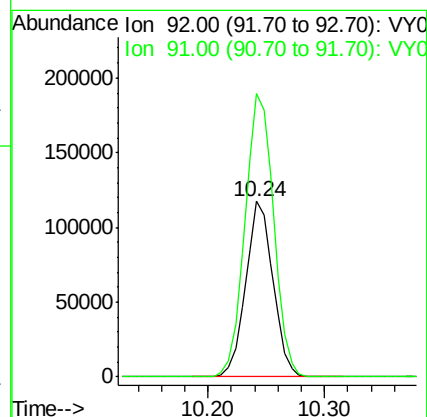
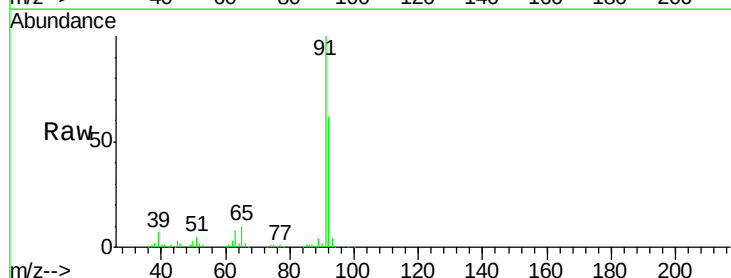
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

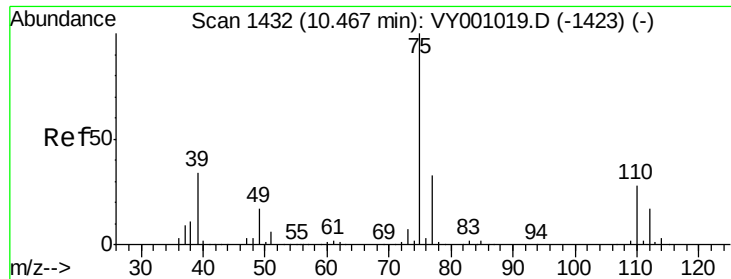
Tgt Ion: 43 Resp: 257648
Ion Ratio Lower Upper
43 100
58 45.8 34.6 52.0



#52
Toluene
Concen: 20.134 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 92 Resp: 191914
Ion Ratio Lower Upper
92 100
91 169.7 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.513 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

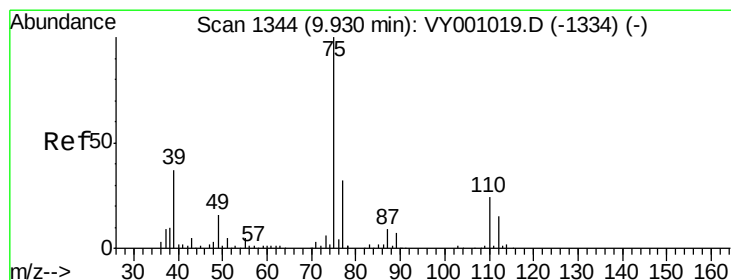
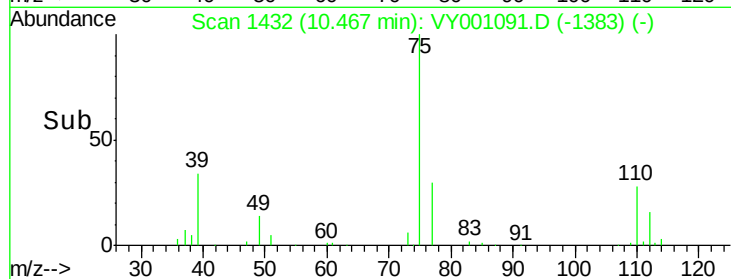
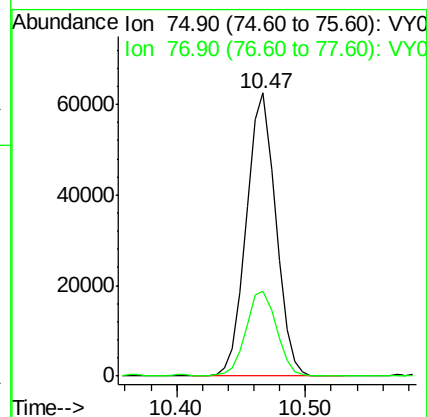
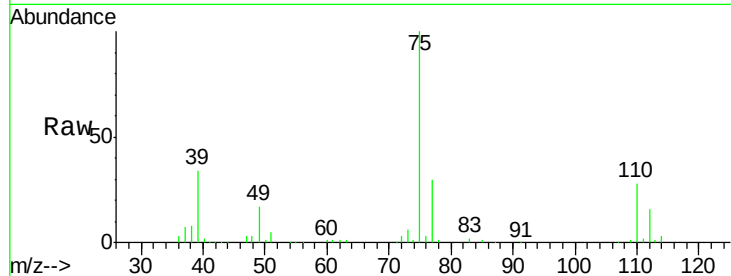
VY1227SBS01

Tgt Ion: 75 Resp: 98239

Ion Ratio Lower Upper

75 100

77 29.9 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 19.727 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

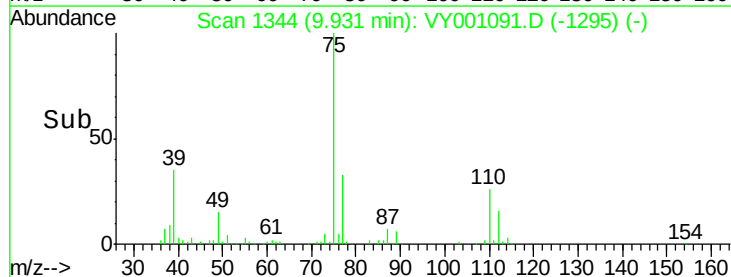
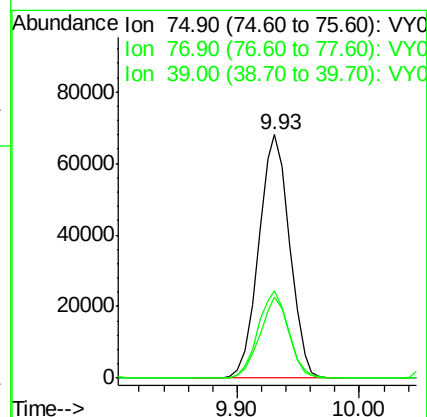
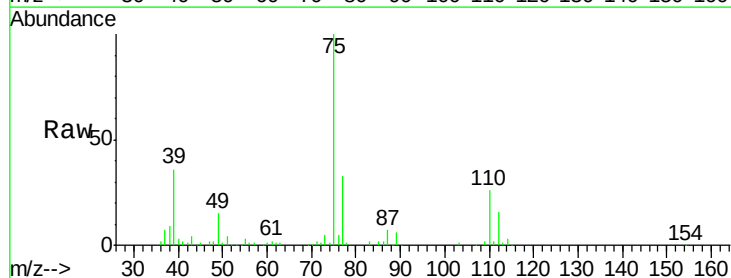
Tgt Ion: 75 Resp: 119424

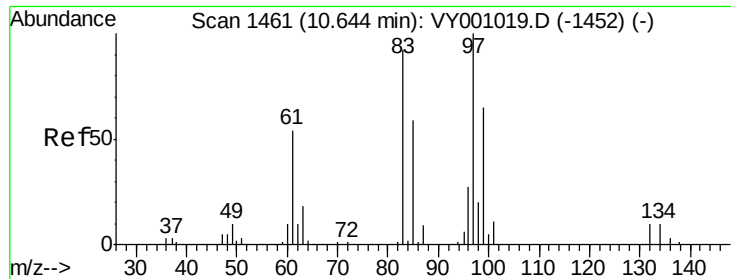
Ion Ratio Lower Upper

75 100

77 33.3 25.2 37.8

39 35.7 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 20.297 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion: 97 Resp: 60683

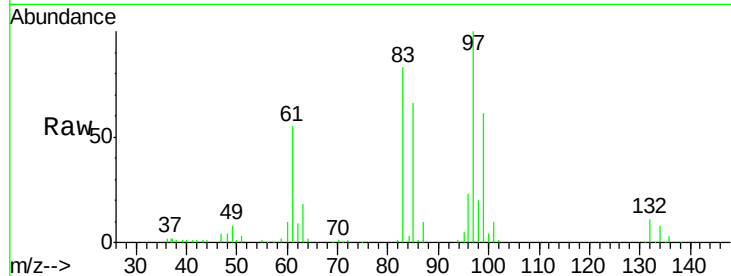
Ion Ratio Lower Upper

97 100

83 83.2 73.7 110.5

85 66.4 47.3 70.9

99 61.5 51.9 77.9

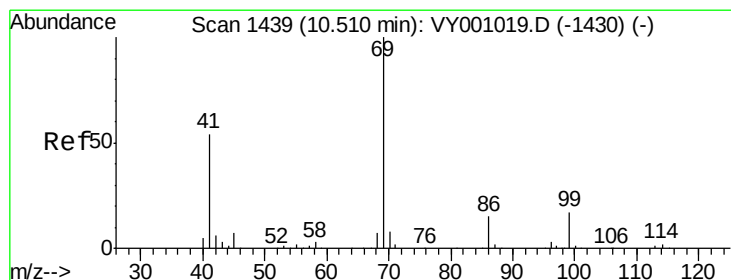
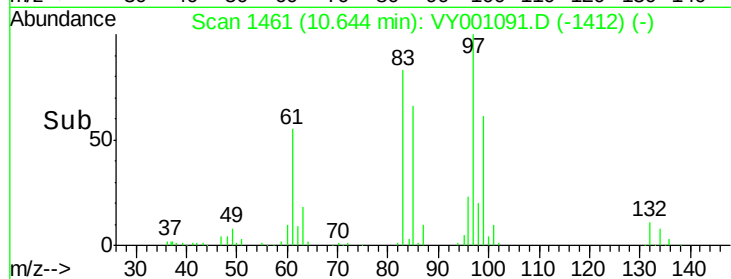
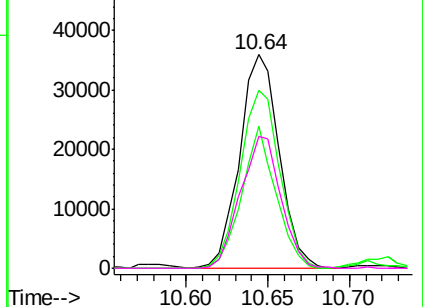


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.452 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

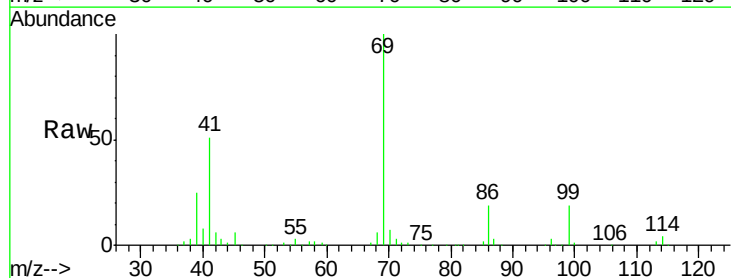
Tgt Ion: 69 Resp: 82772

Ion Ratio Lower Upper

69 100

41 52.2 44.7 67.1

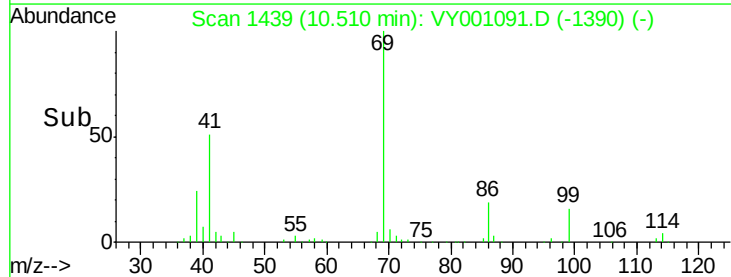
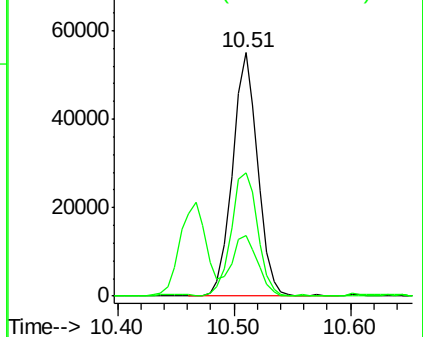
39 26.3 22.2 33.4

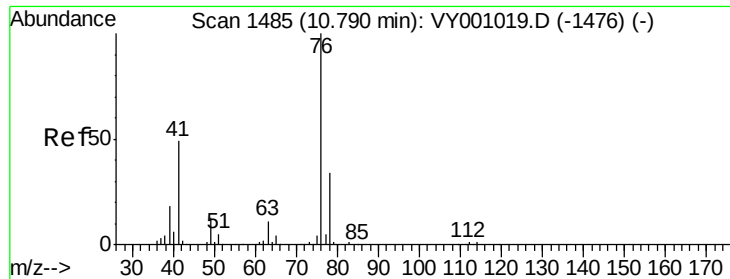


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.338 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

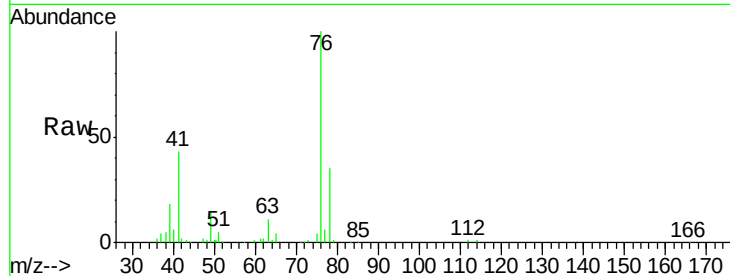
VY1227SBS01

Tgt Ion: 76 Resp: 101340

Ion Ratio Lower Upper

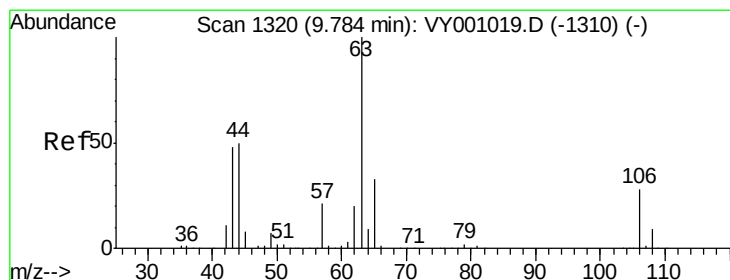
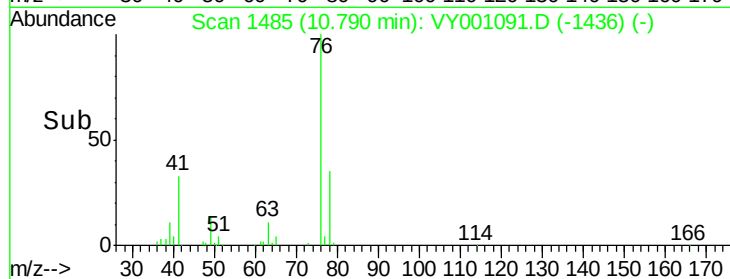
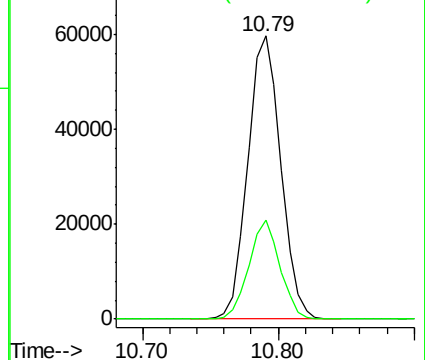
76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 102.610 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001091.D

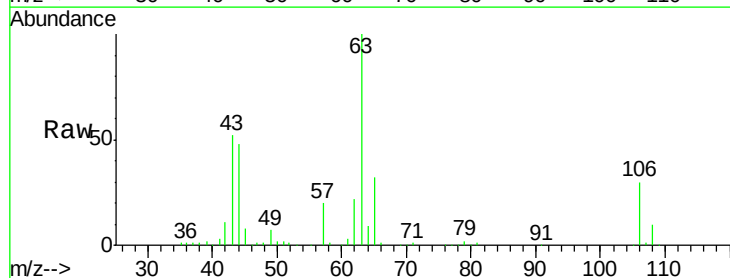
Acq: 27 Dec 2019 12:46

Tgt Ion: 63 Resp: 168638

Ion Ratio Lower Upper

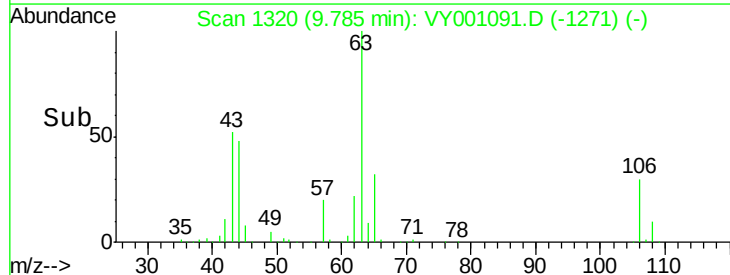
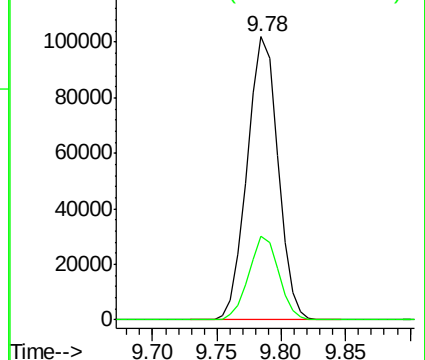
63 100

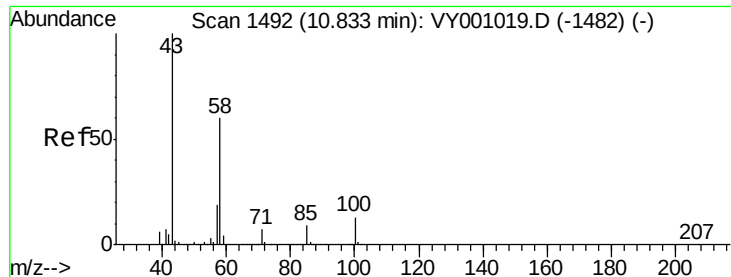
106 28.9 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

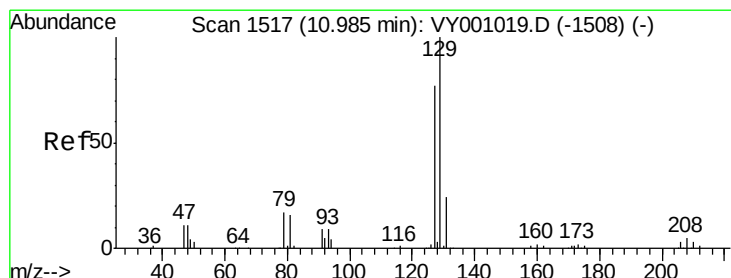
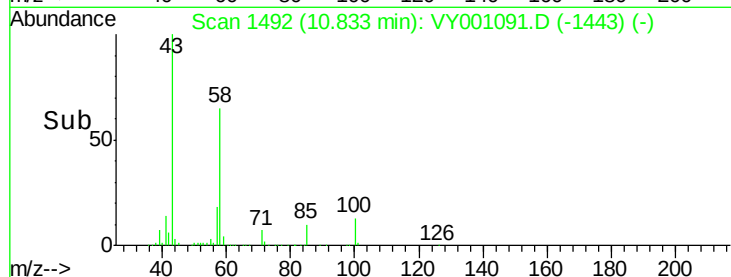
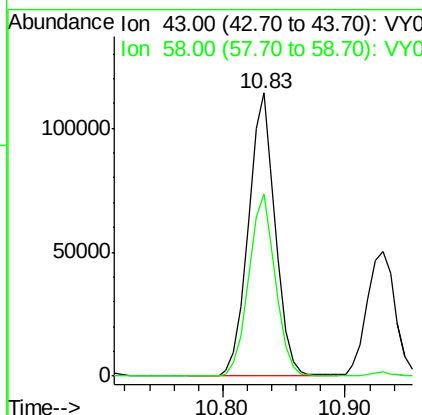
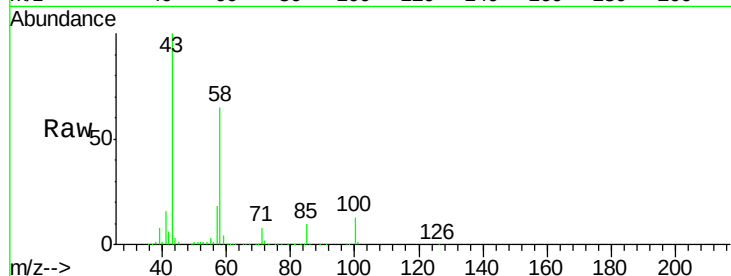




#59
2-Hexanone
Concen: 91.868 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

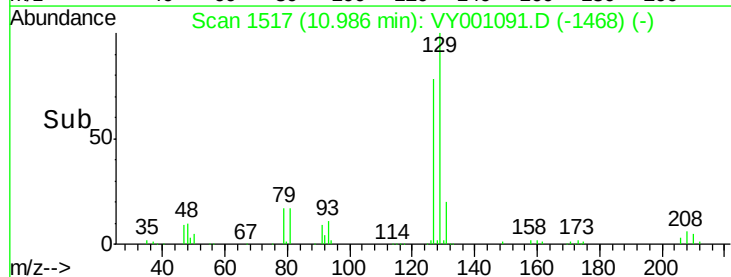
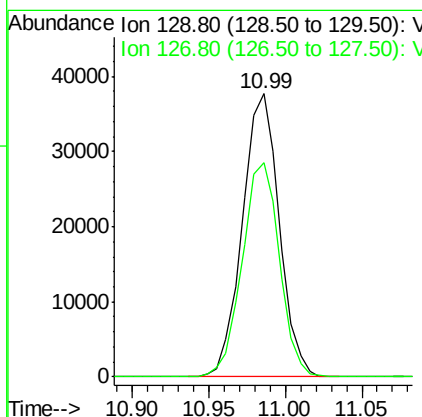
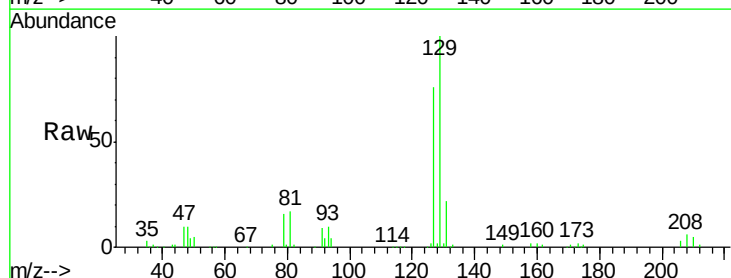
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBSD01

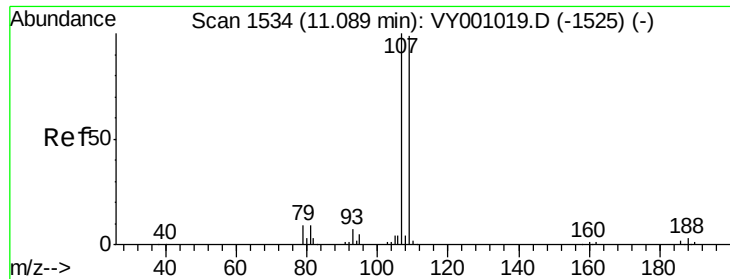
Tgt Ion: 43 Resp: 174327
Ion Ratio Lower Upper
43 100
58 63.9 30.6 91.6



#60
Dibromochloromethane
Concen: 19.774 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 129 Resp: 63149
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

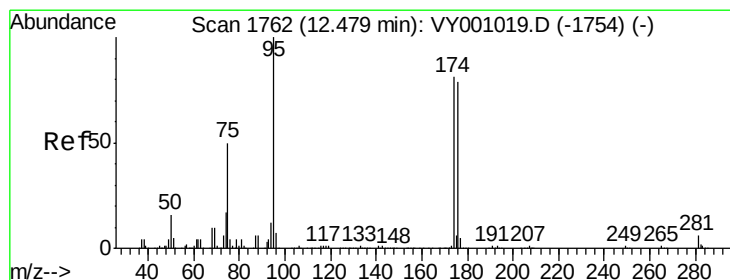
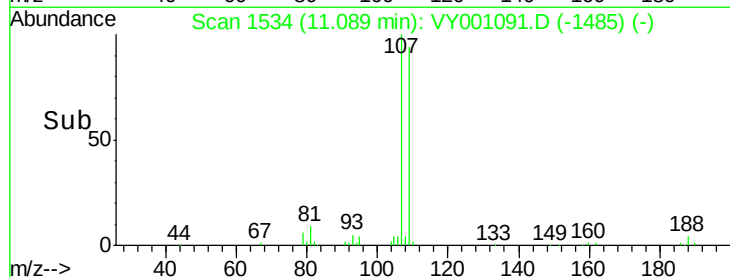
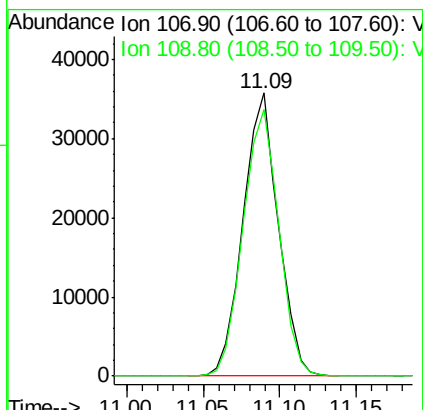
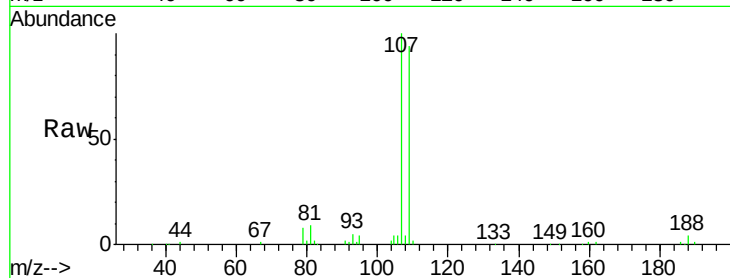




#61
 1,2-Dibromoethane
 Concen: 20.045 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

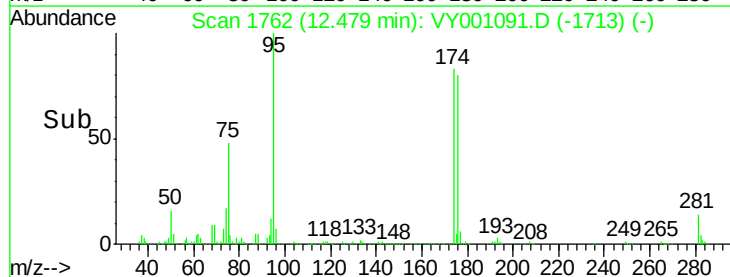
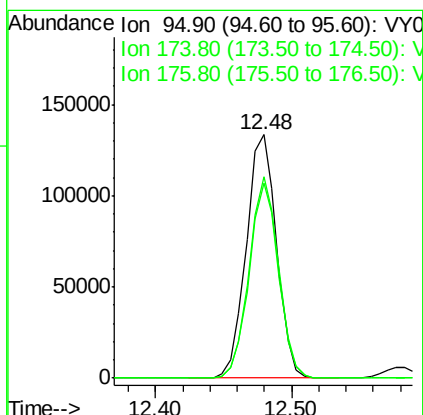
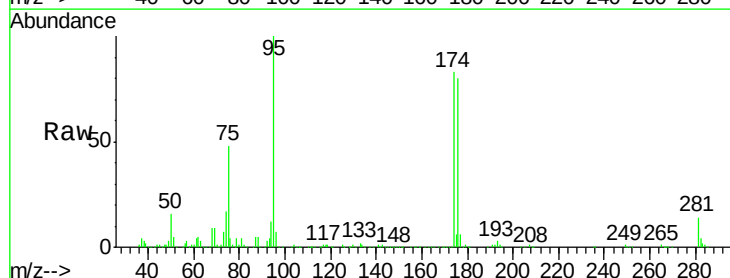
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

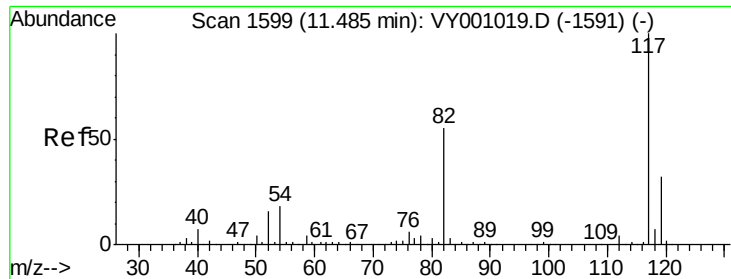
Tgt Ion: 107 Resp: 57309
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 45.939 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion: 95 Resp: 207975
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 156.4
 176 78.0 0.0 155.0

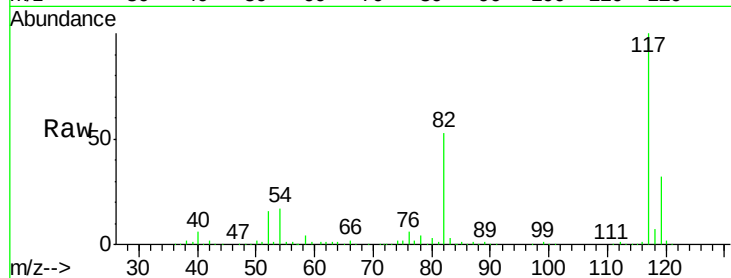




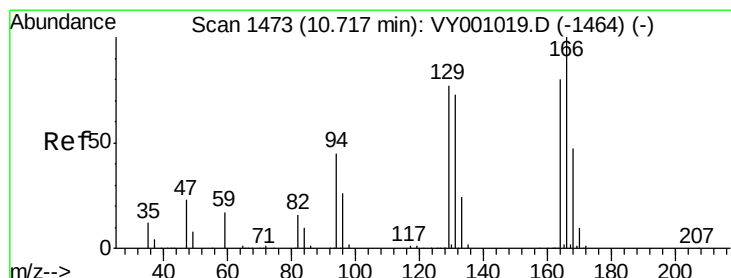
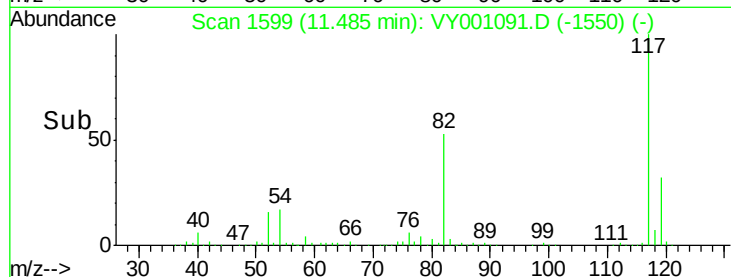
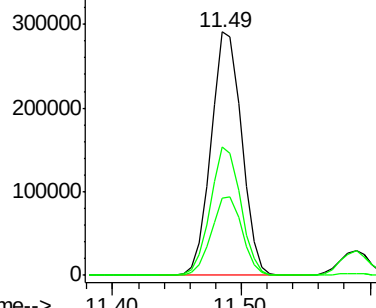
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:117 Resp: 475815
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.8
119 31.7 25.8 38.6



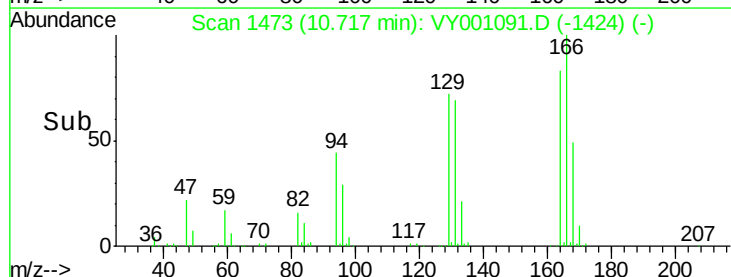
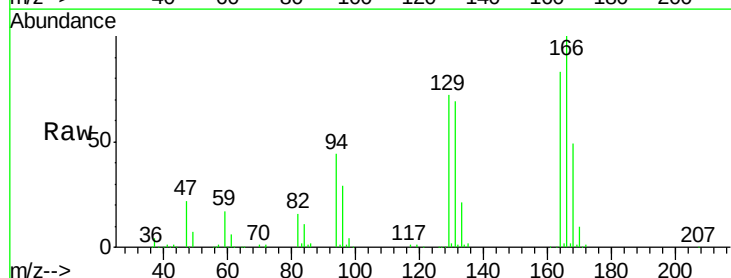
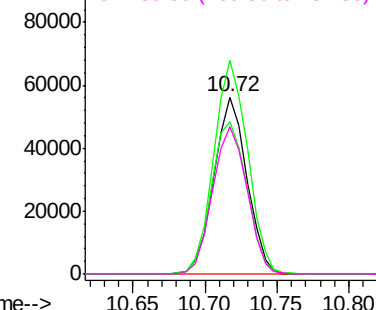
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

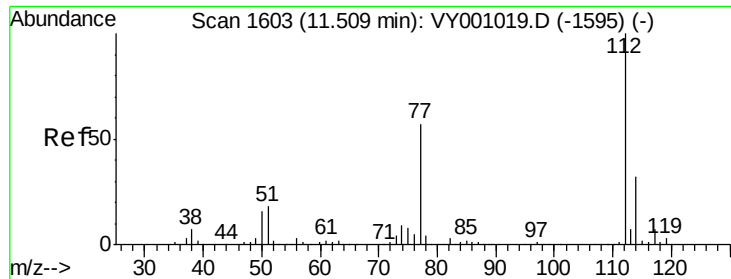


#64
Tetrachloroethene
Concen: 21.627 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion:164 Resp: 89038
Ion Ratio Lower Upper
164 100
166 120.7 99.7 149.5
129 86.4 76.9 115.3
131 83.2 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

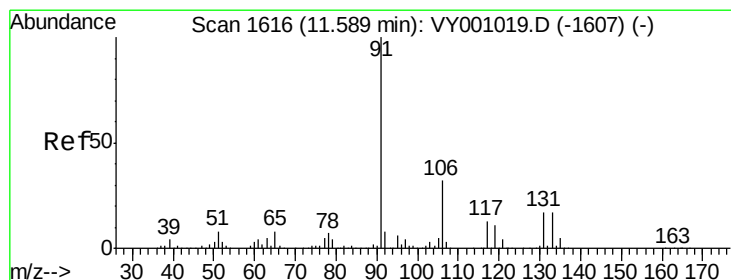
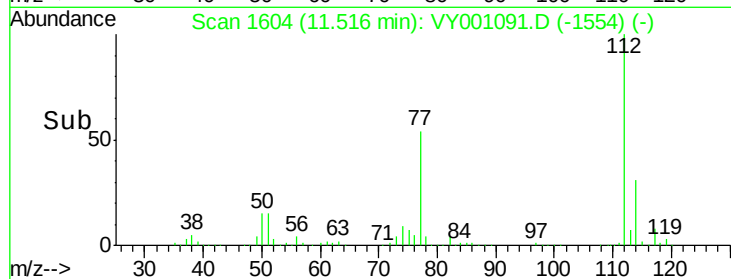
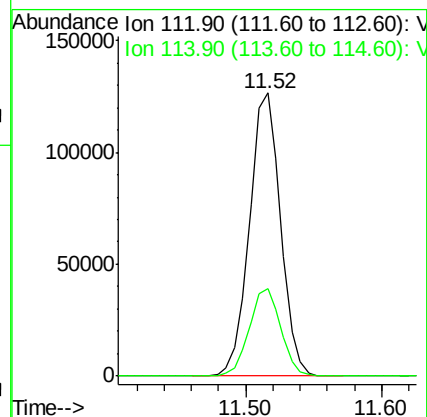
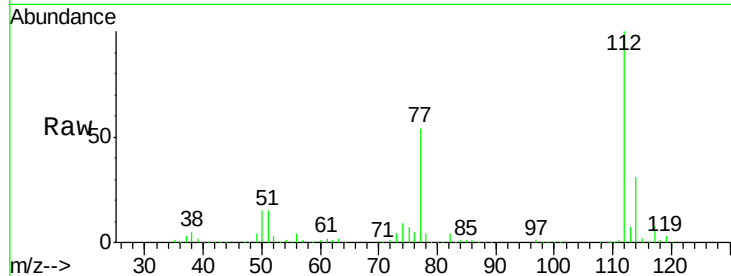




#65
Chlorobenzene
Concen: 20.508 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

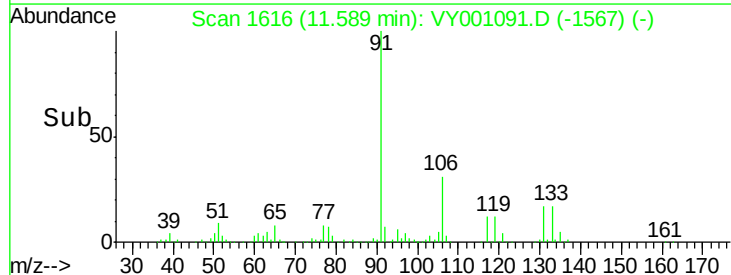
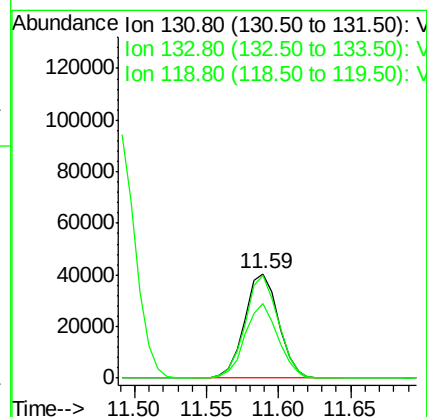
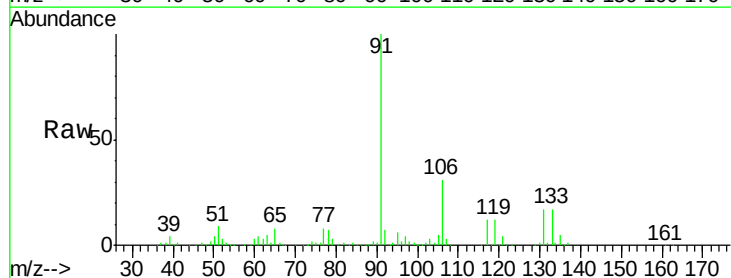
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBSD01

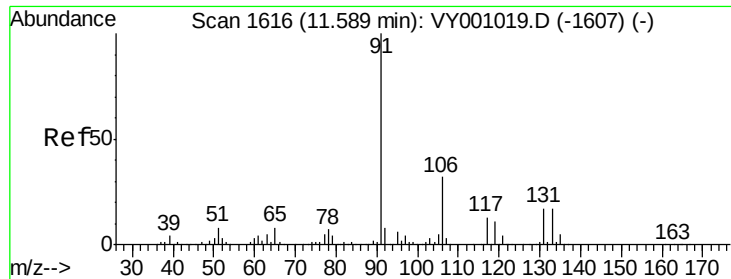
Tgt Ion:112 Resp: 202408
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.224 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion:131 Resp: 65873
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 69.6 34.0 101.8

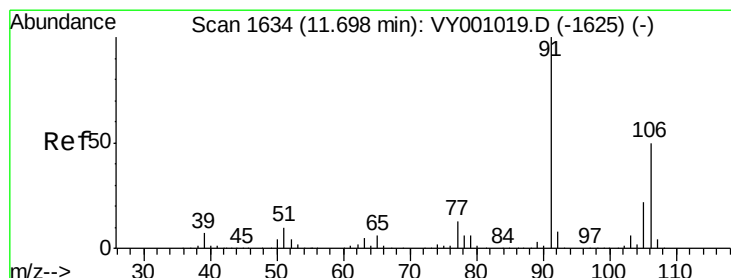
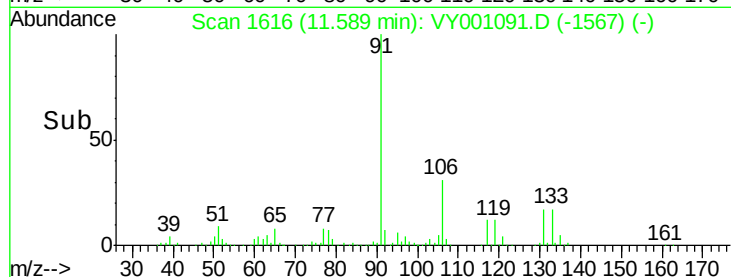
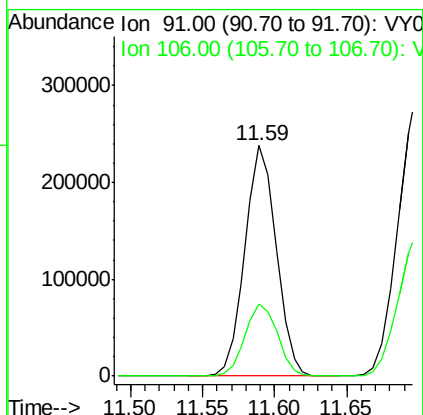
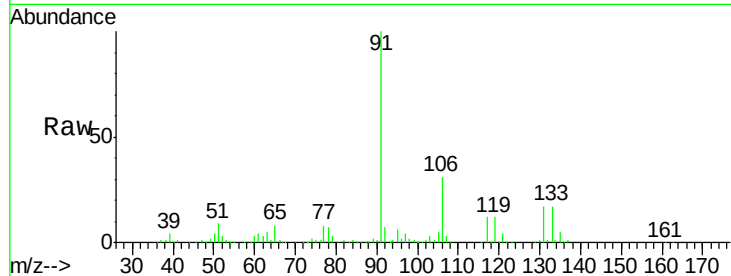




#67
Ethyl Benzene
Concen: 20.223 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

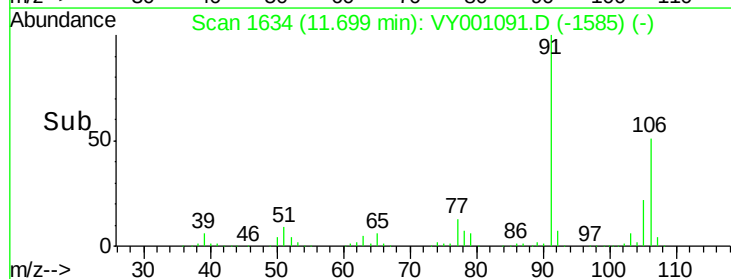
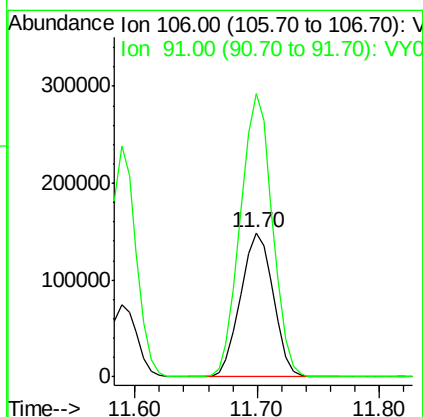
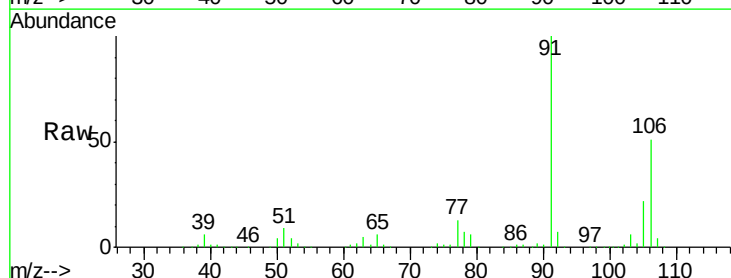
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

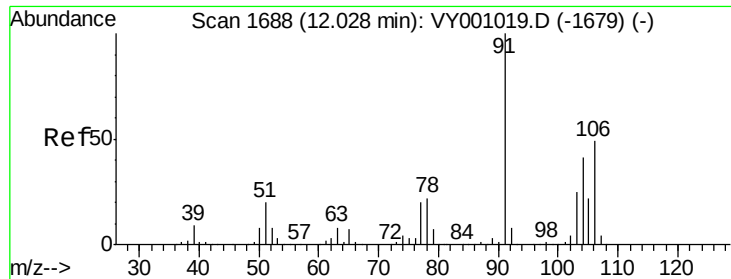
Tgt Ion: 91 Resp: 359016
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 40.936 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 106 Resp: 275937
Ion Ratio Lower Upper
106 100
91 192.1 156.4 234.6

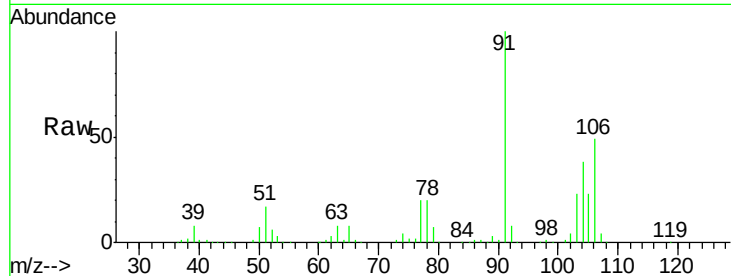




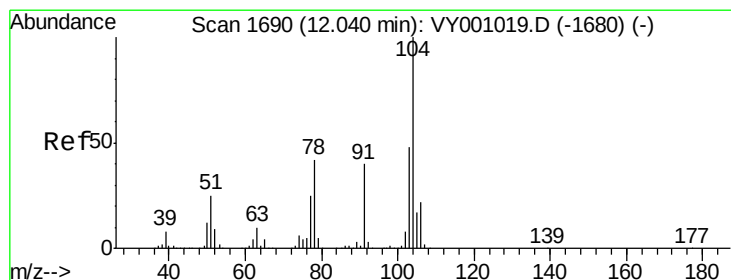
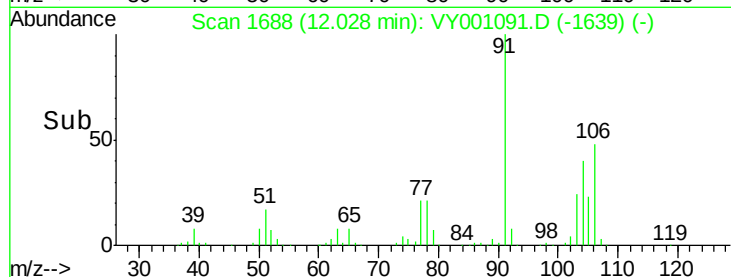
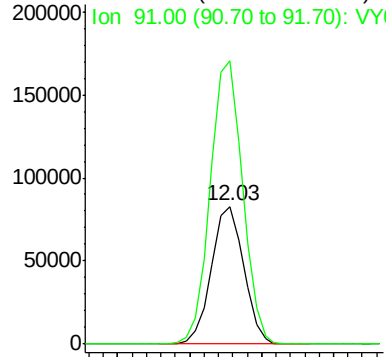
#69
o-Xylene
Concen: 20.353 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:106 Resp: 129065
Ion Ratio Lower Upper
106 100
91 205.9 103.0 309.0

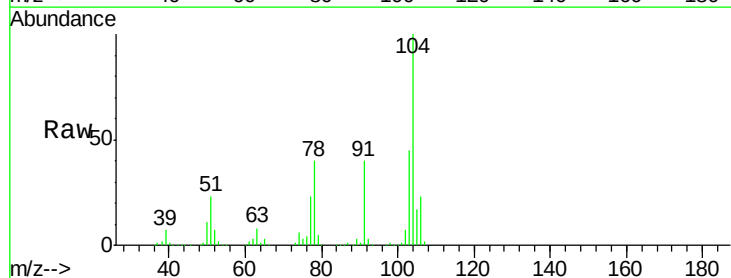


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

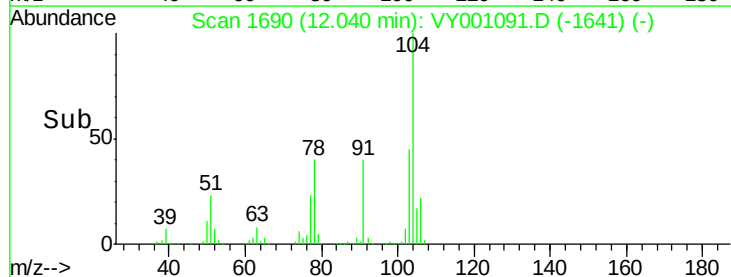
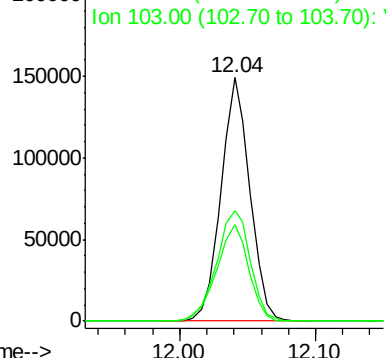


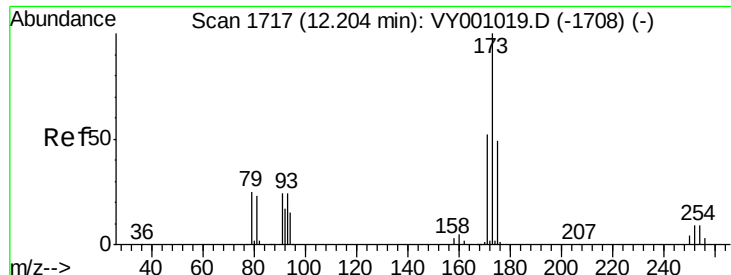
#70
Styrene
Concen: 20.577 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion:104 Resp: 221872
Ion Ratio Lower Upper
104 100
78 44.3 36.6 54.8
103 52.6 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: 19.656 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBSD01

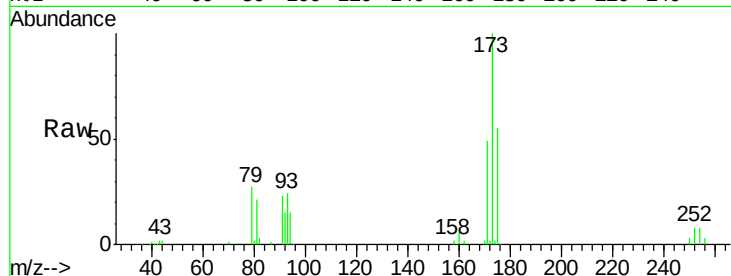
Tgt Ion:173 Resp: 35648

Ion Ratio Lower Upper

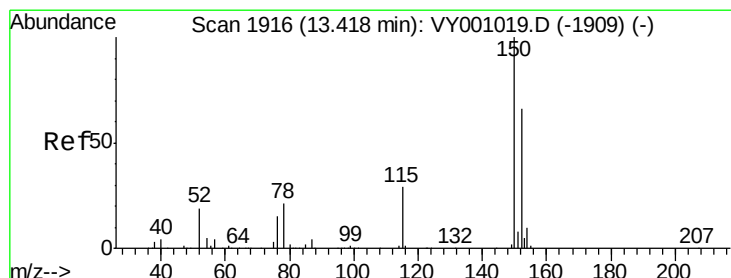
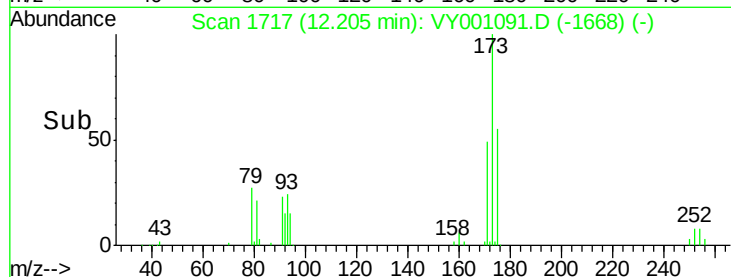
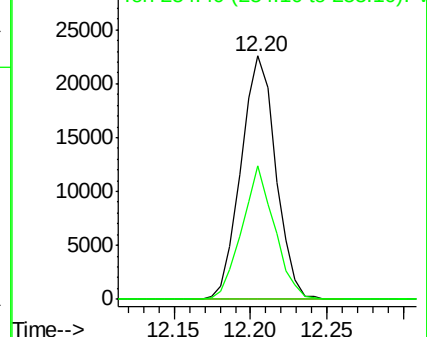
173 100

175 51.7 24.5 73.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

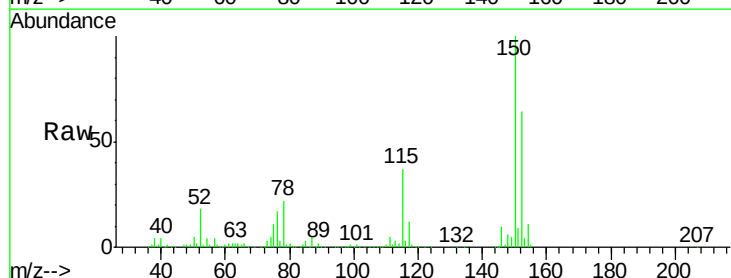
Tgt Ion:152 Resp: 219259

Ion Ratio Lower Upper

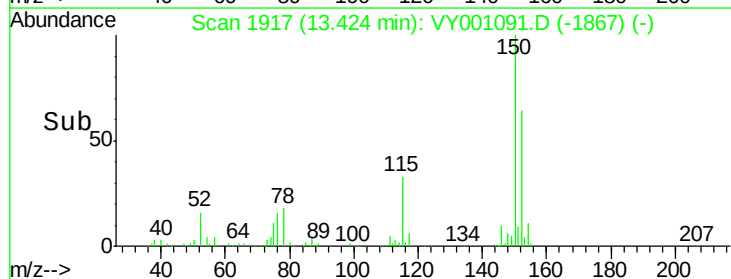
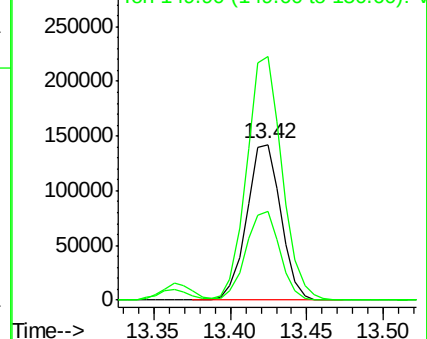
152 100

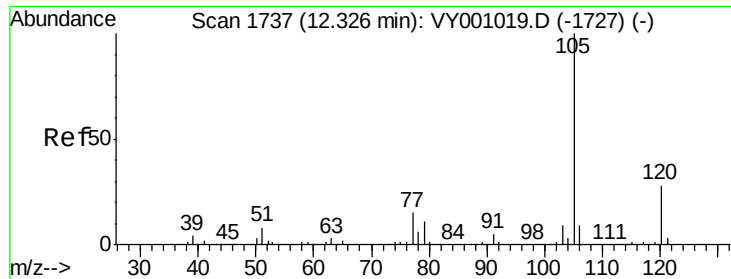
115 57.1 29.8 89.3

150 162.9 0.0 352.6



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





#73

Isopropylbenzene

Concen: 19.920 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

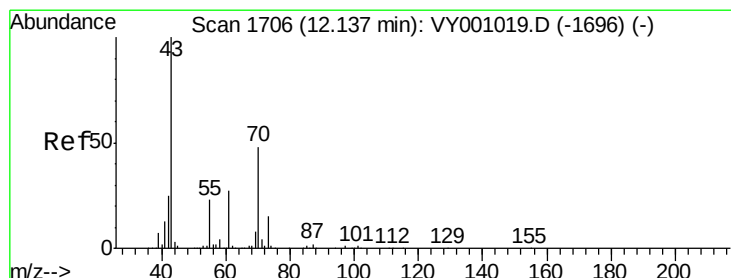
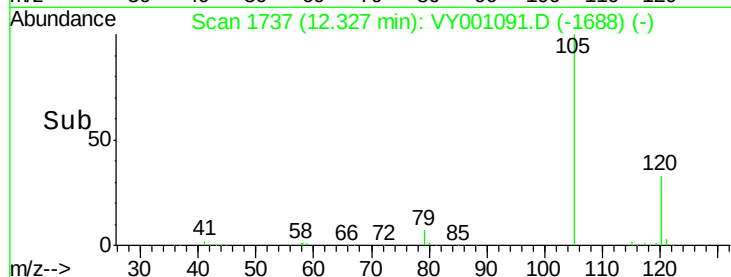
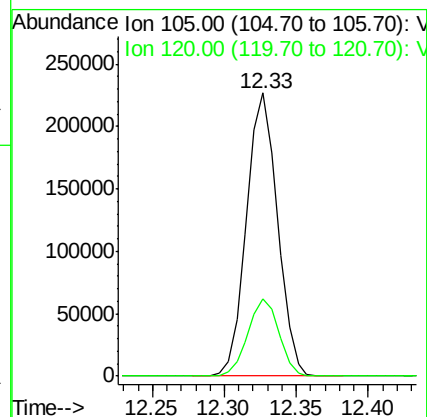
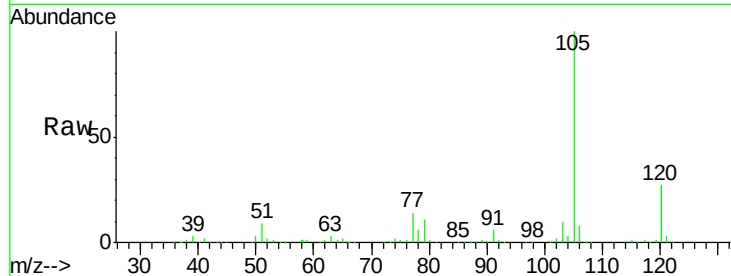
VY1227SBS01

Tgt Ion: 105 Resp: 337984

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 17.816 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion: 43 Resp: 79414

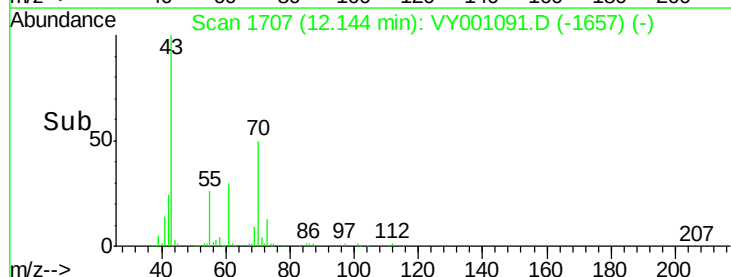
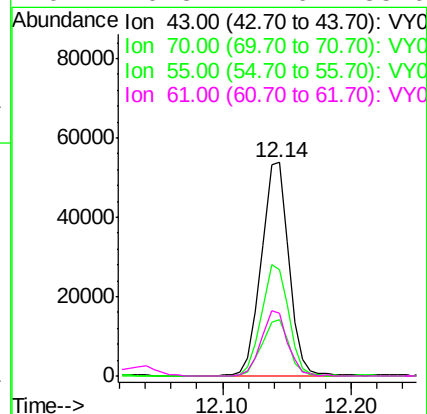
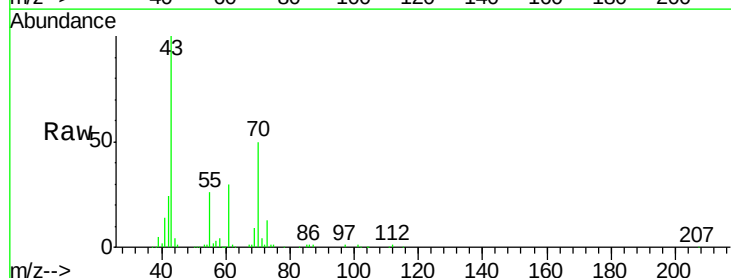
Ion Ratio Lower Upper

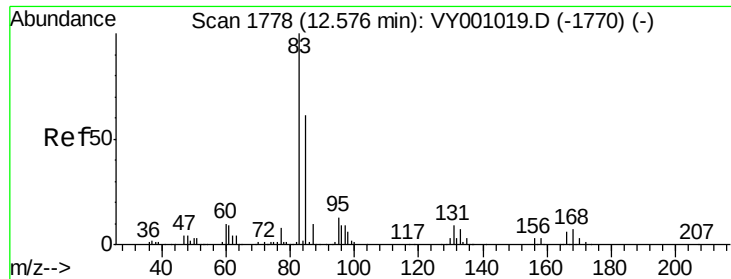
43 100

70 51.6 39.0 58.6

55 26.0 19.5 29.3

61 29.3 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.353 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

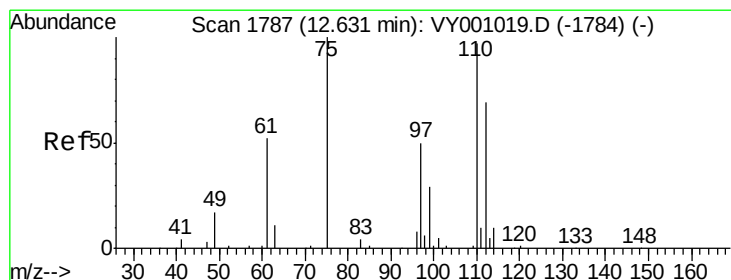
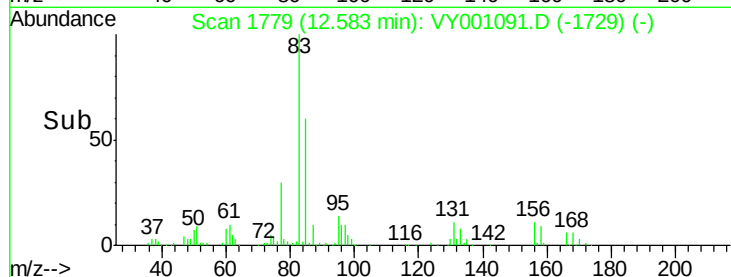
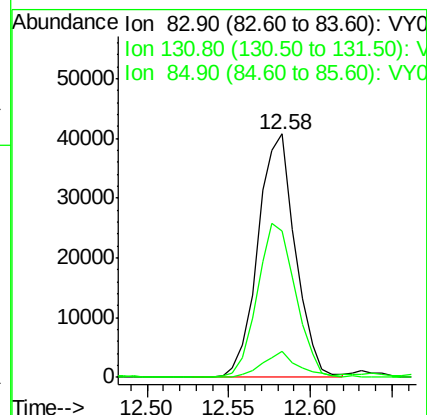
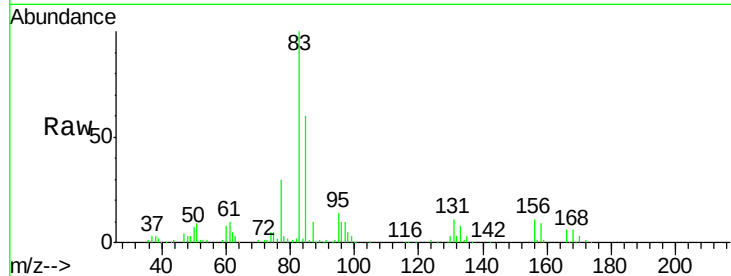
Tgt Ion: 83 Resp: 64687

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 64.8 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 33.858 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001091.D

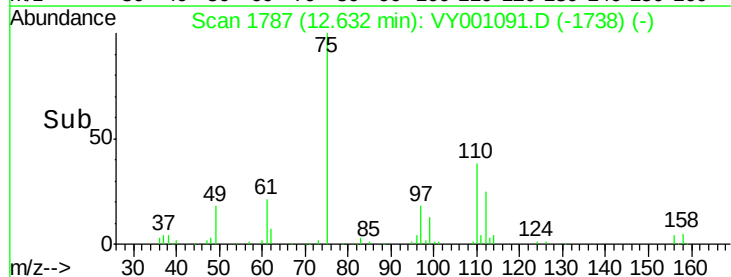
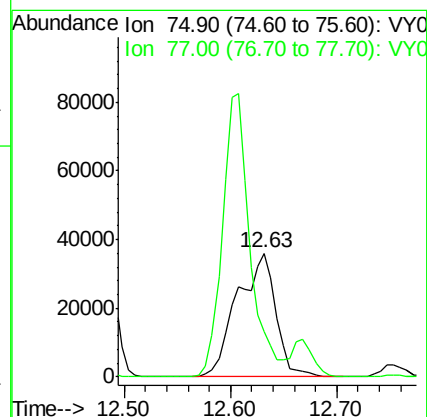
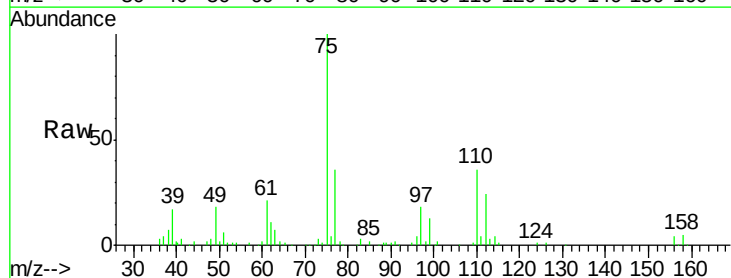
Acq: 27 Dec 2019 12:46

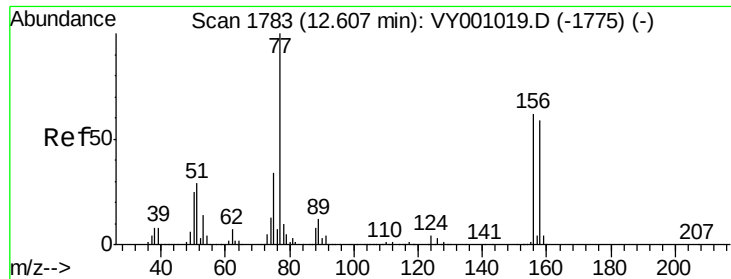
Tgt Ion: 75 Resp: 91520

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.669 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

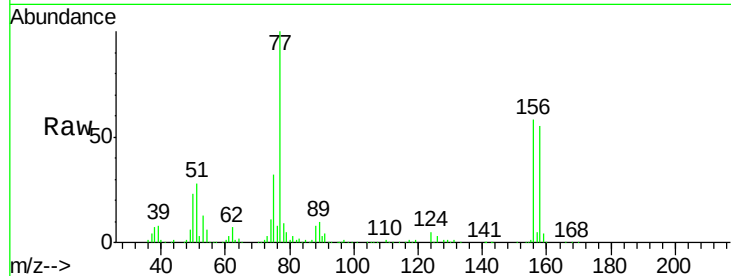
Tgt Ion:156 Resp: 75058

Ion Ratio Lower Upper

156 100

77 198.0 98.0 294.1

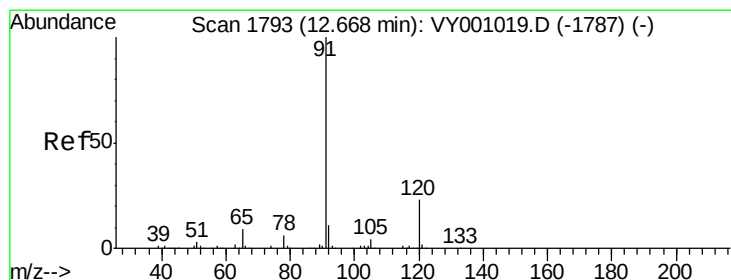
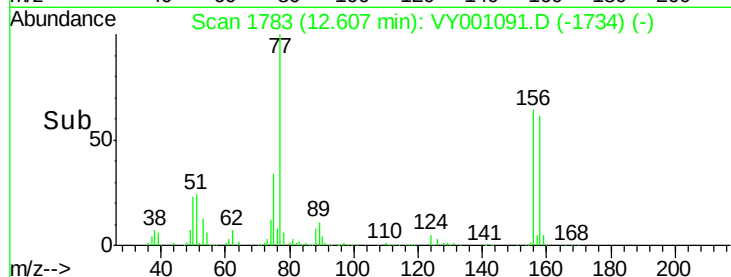
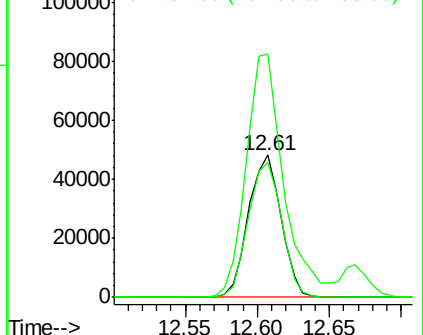
158 97.2 48.5 145.6



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: 20.007 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001091.D

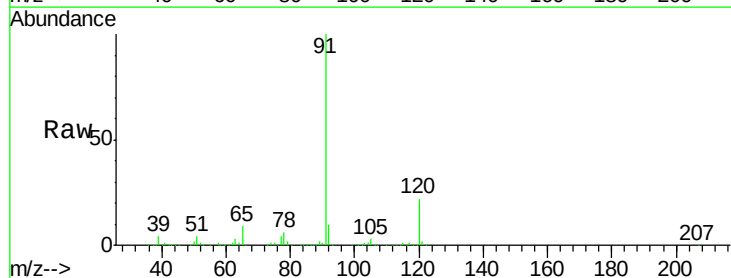
Acq: 27 Dec 2019 12:46

Tgt Ion: 91 Resp: 413635

Ion Ratio Lower Upper

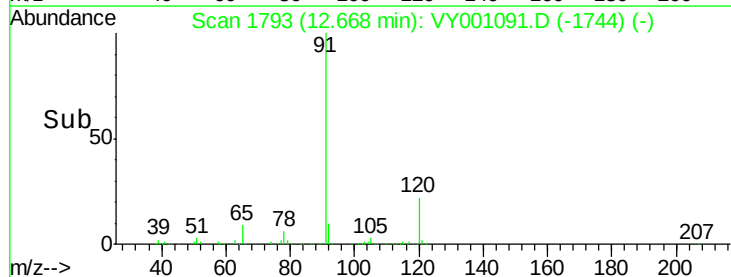
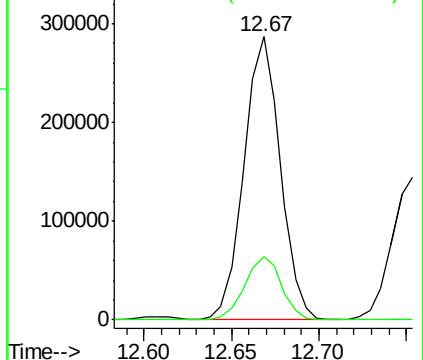
91 100

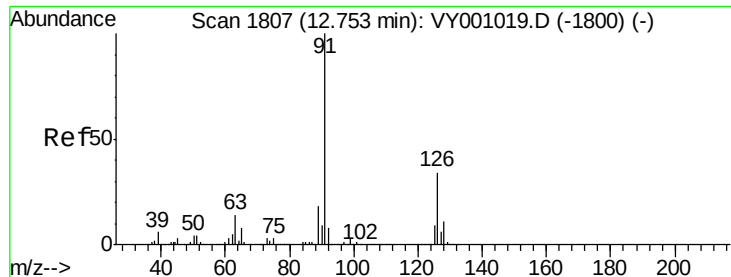
120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

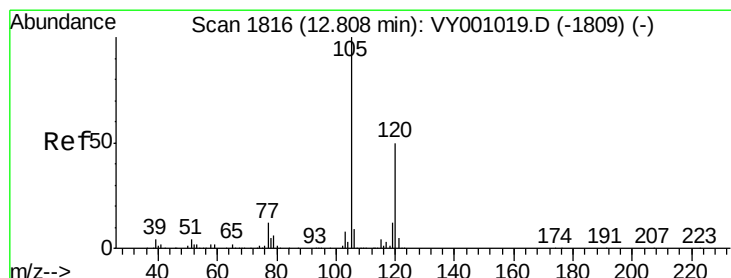
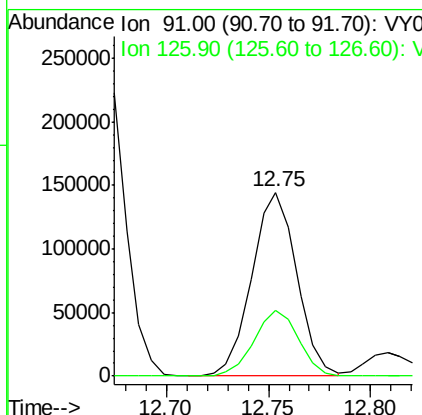
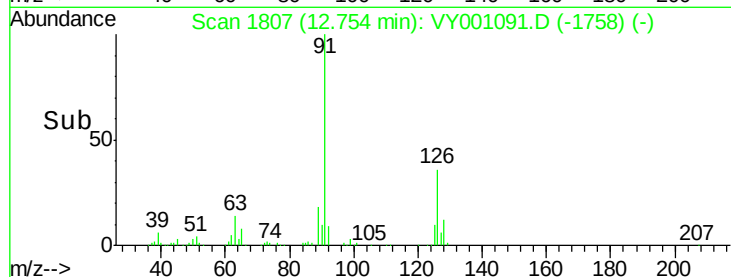
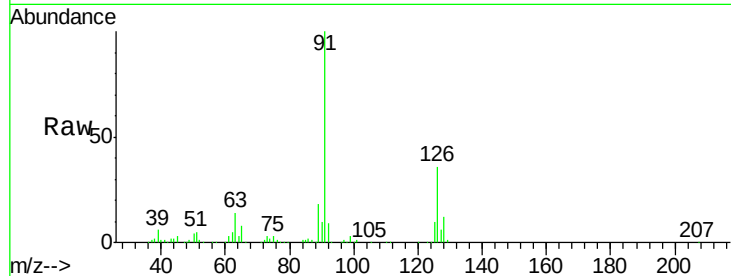




#79
 2-Chlorotoluene
 Concen: 19.391 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

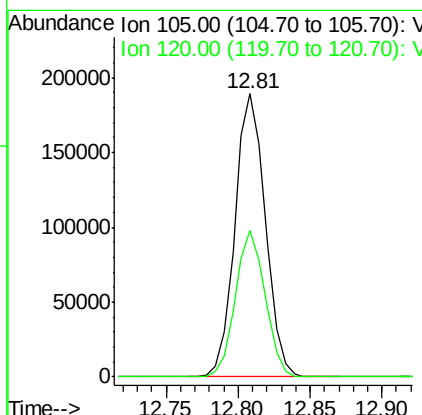
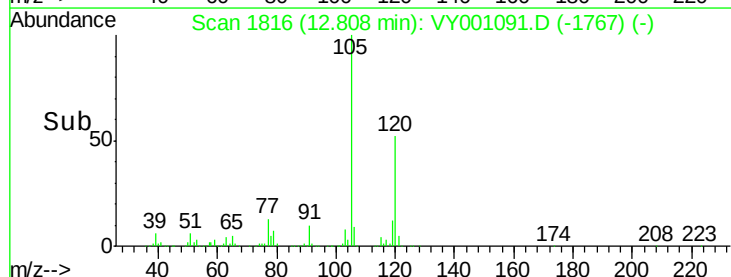
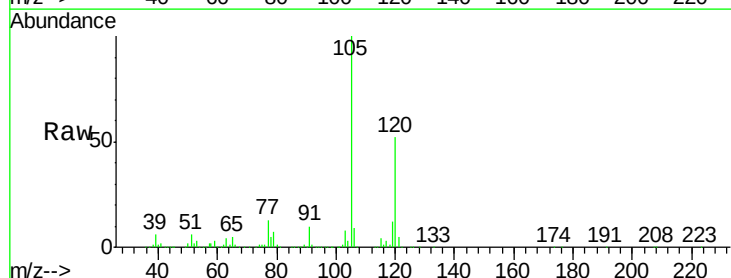
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

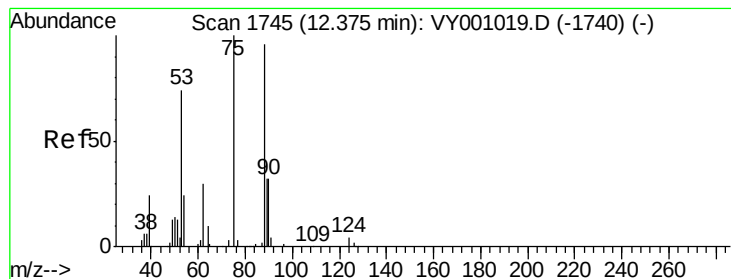
Tgt Ion: 91 Resp: 221399
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.973 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion: 105 Resp: 277779
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.714 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

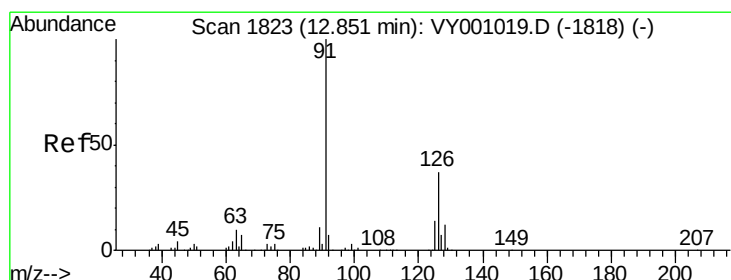
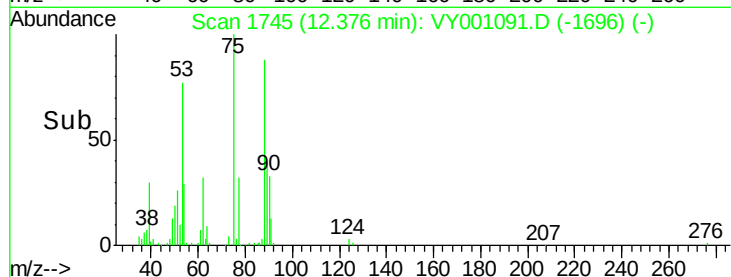
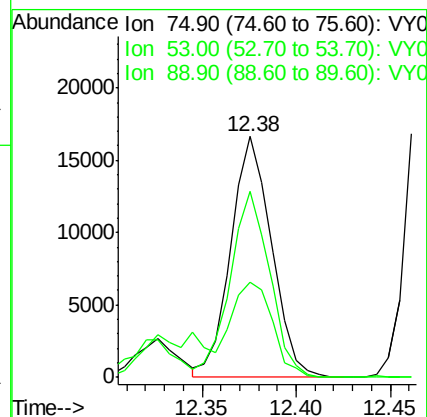
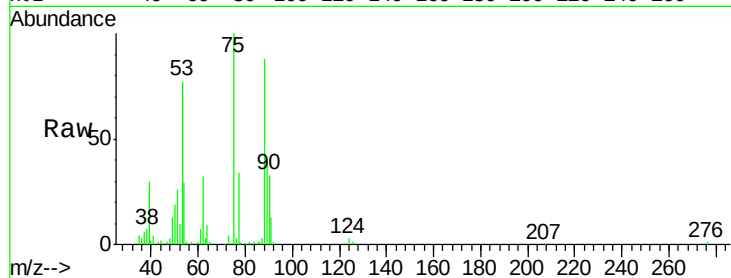
Tgt Ion: 75 Resp: 24985

Ion Ratio Lower Upper

75 100

53 75.4 60.6 91.0

89 39.9 35.4 53.0



#82

4-Chlorotoluene

Concen: 19.714 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001091.D

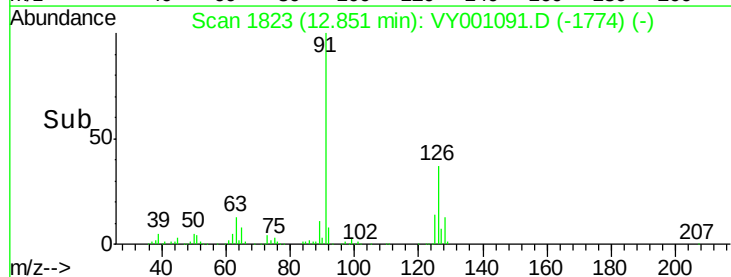
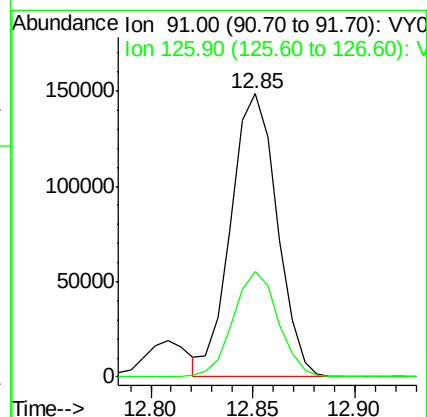
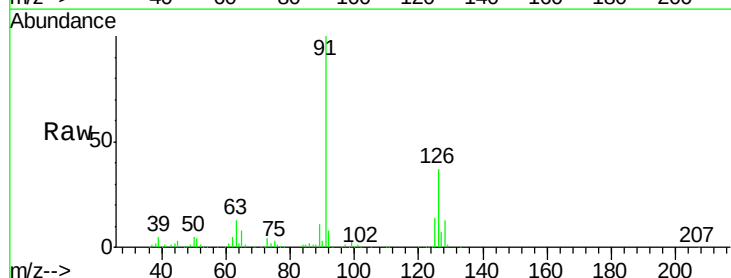
Acq: 27 Dec 2019 12:46

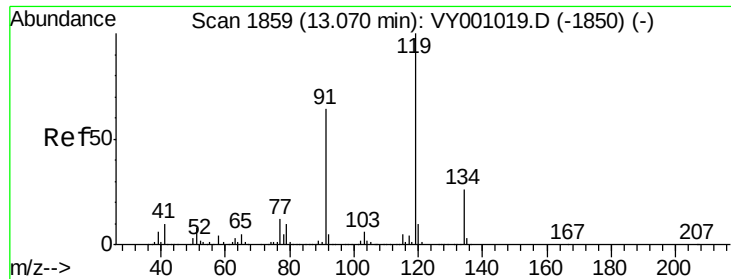
Tgt Ion: 91 Resp: 233784

Ion Ratio Lower Upper

91 100

126 36.1 17.6 52.8

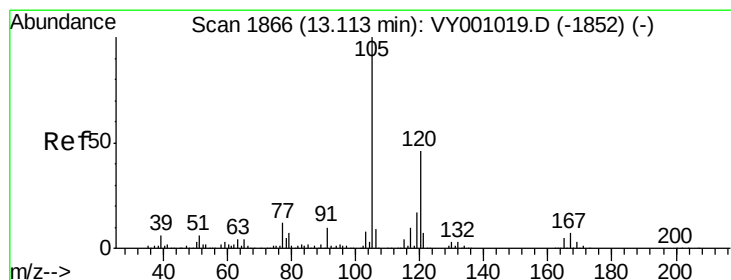
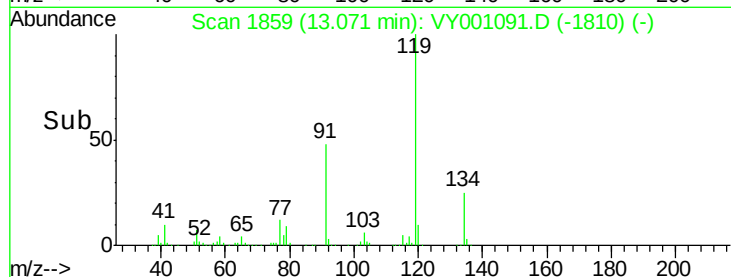
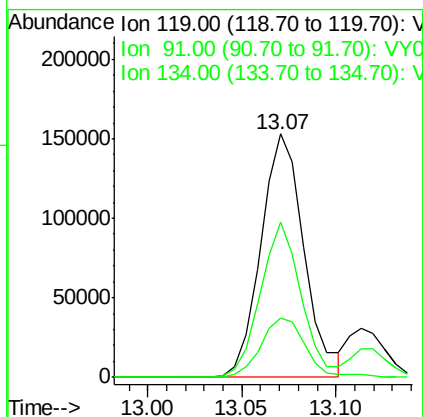
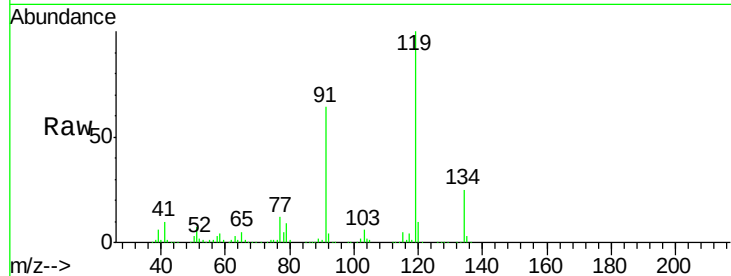




#83
 tert-Butylbenzene
 Concen: 20.695 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

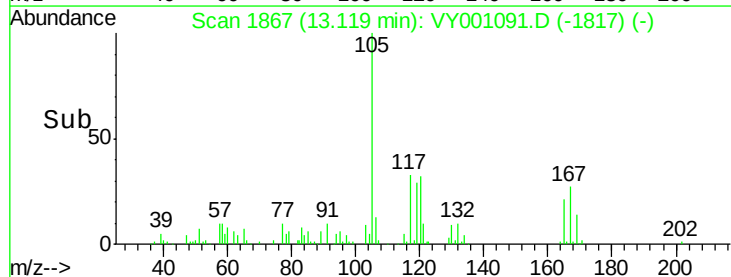
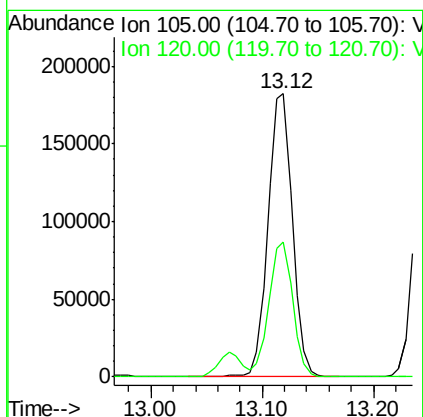
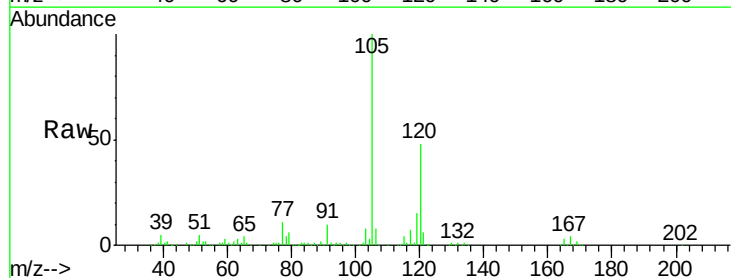
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

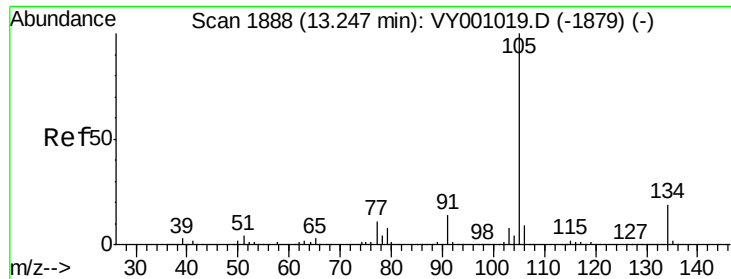
Tgt Ion:119 Resp: 241608
 Ion Ratio Lower Upper
 119 100
 91 60.7 31.9 95.7
 134 25.6 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.882 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion:105 Resp: 277875
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.2





#85

sec-Butylbenzene

Concen: 19.899 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

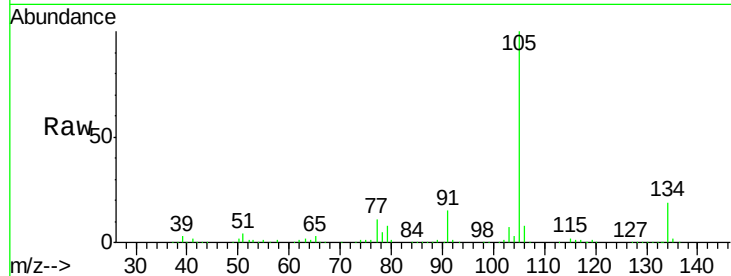
VY1227SBS01

Tgt Ion:105 Resp: 342491

Ion Ratio Lower Upper

105 100

134 20.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

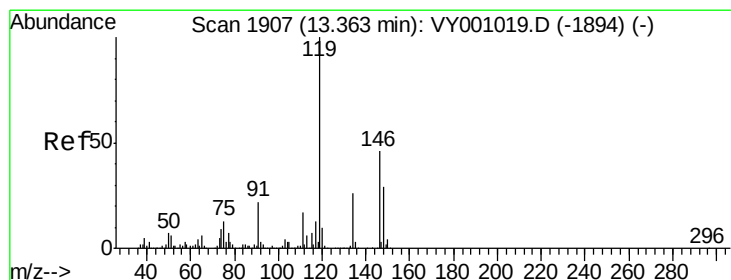
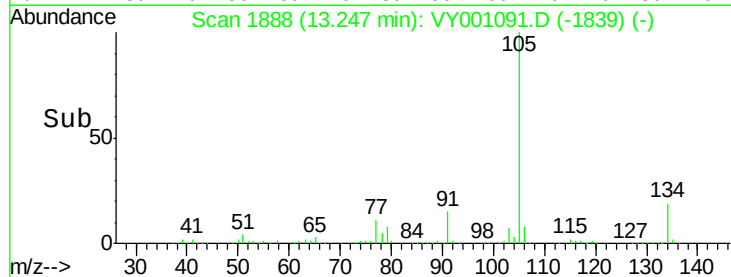
100000

50000

0

13.15 13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 19.886 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

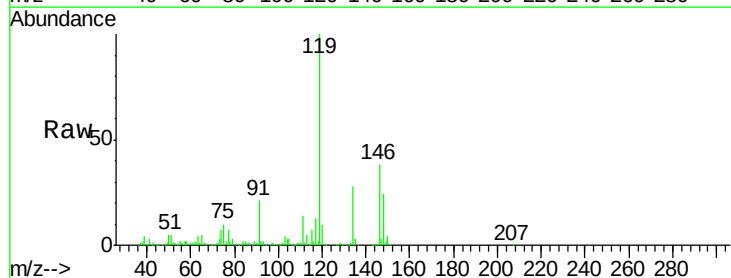
Tgt Ion:119 Resp: 296153

Ion Ratio Lower Upper

119 100

134 28.4 13.6 40.7

91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

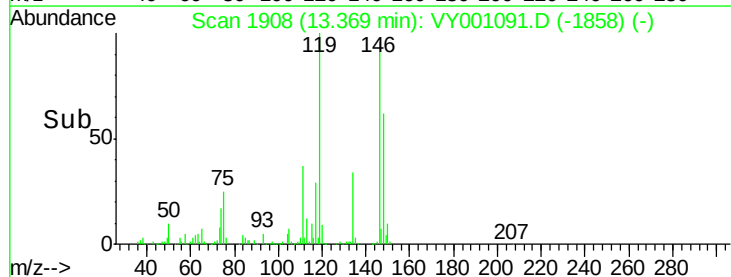
100000

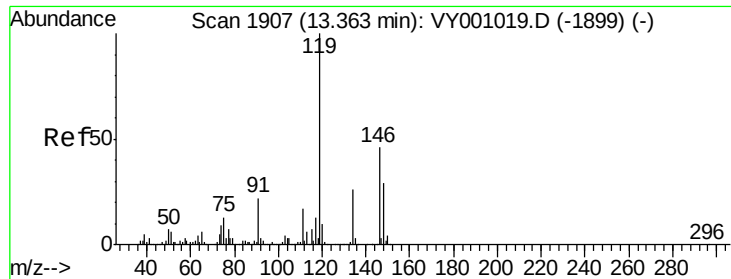
50000

0

13.30 13.35 13.40

Time-->

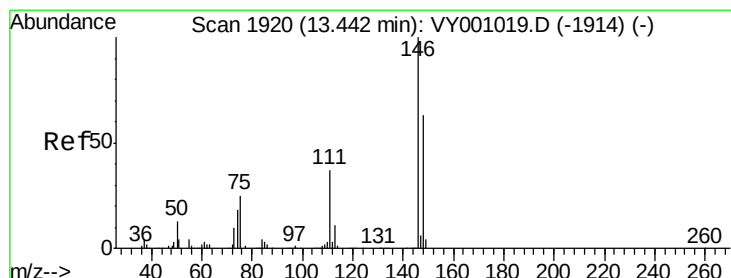
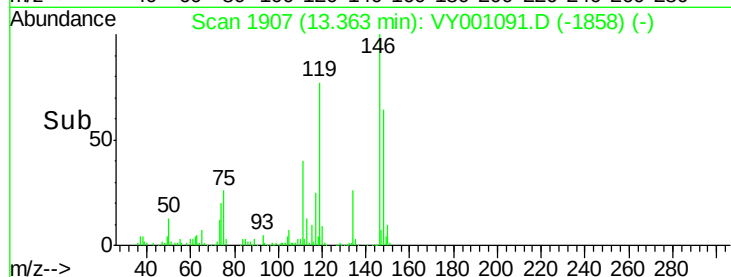
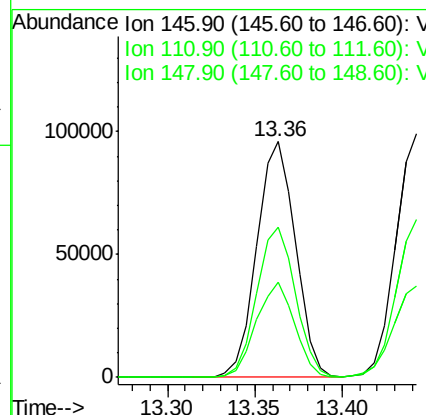
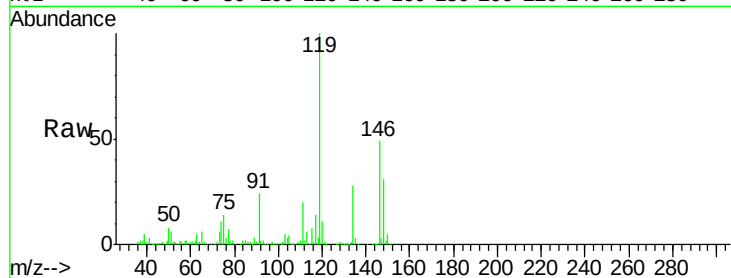




#87
 1,3-Dichlorobenzene
 Concen: 20.151 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

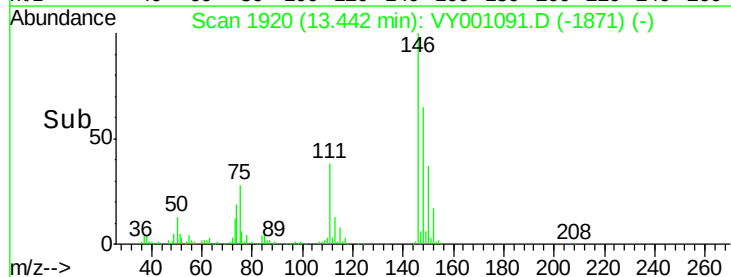
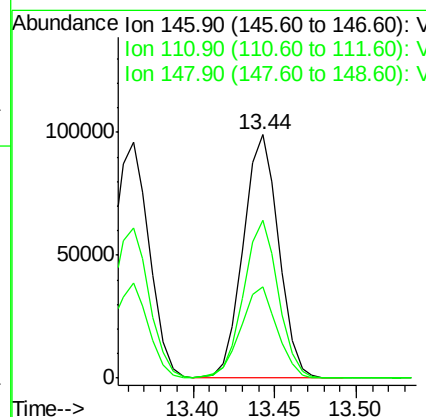
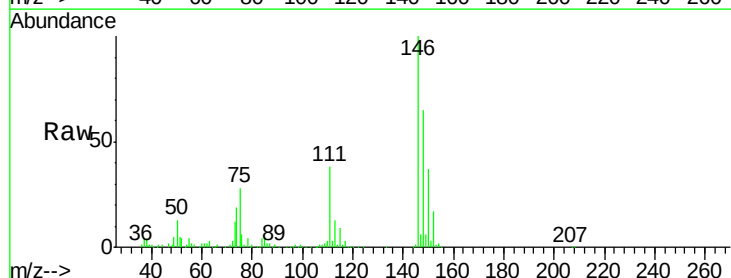
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

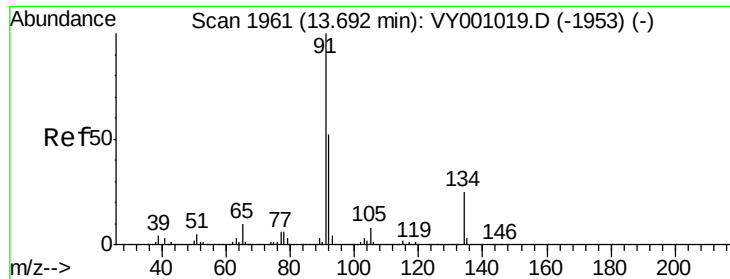
Tgt Ion:146 Resp: 147685
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.0
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.360 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion:146 Resp: 150527
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 63.3 31.8 95.3

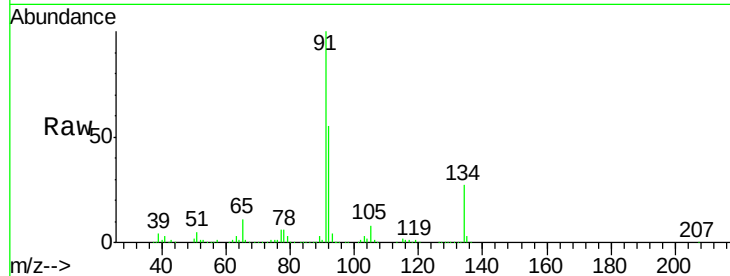




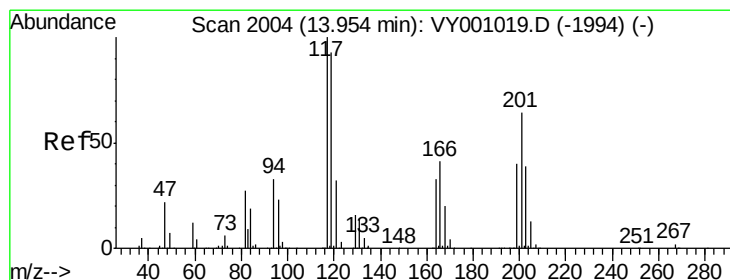
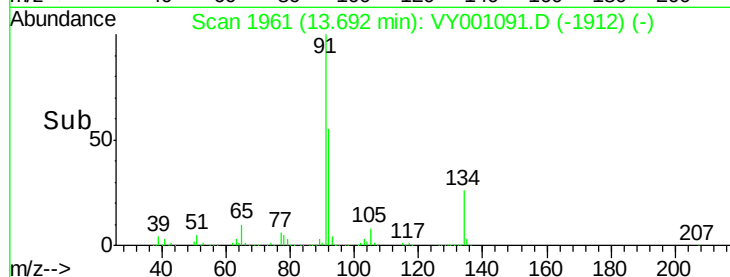
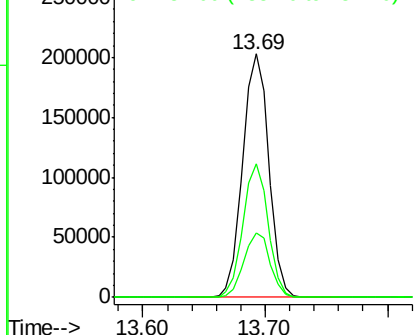
#89
n-Butylbenzene
Concen: 20.014 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 91 Resp: 299883
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 26.7 12.7 38.0

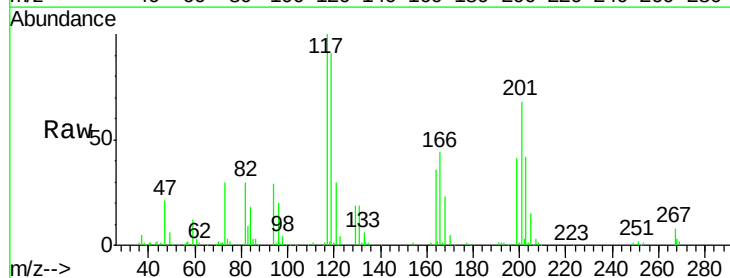


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

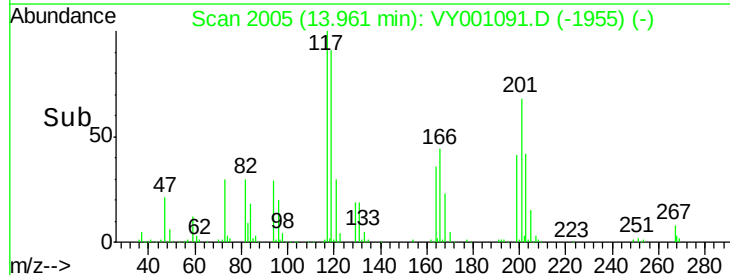
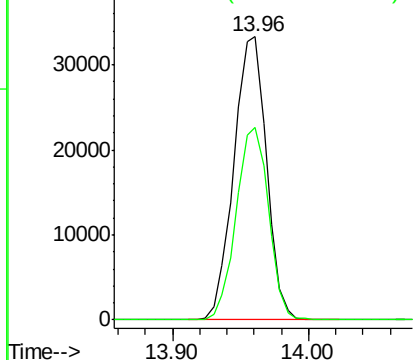


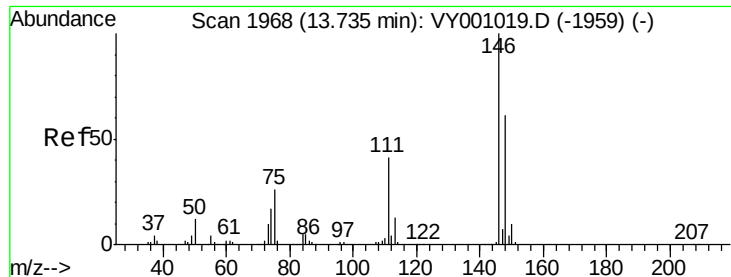
#90
Hexachloroethane
Concen: 19.868 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 117 Resp: 55747
Ion Ratio Lower Upper
117 100
201 67.6 33.7 101.1



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

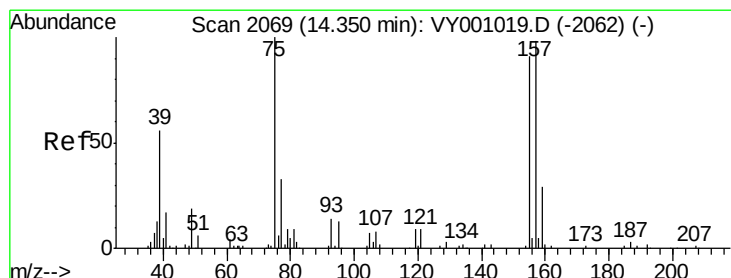
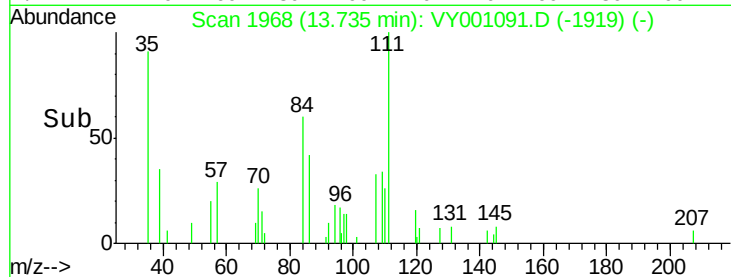
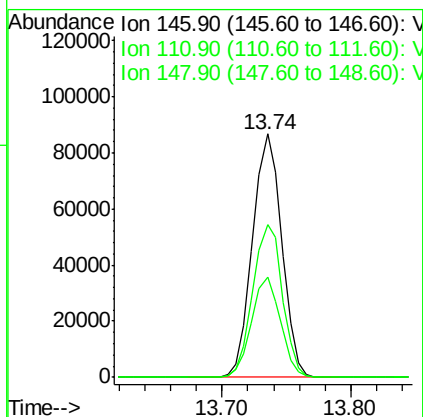
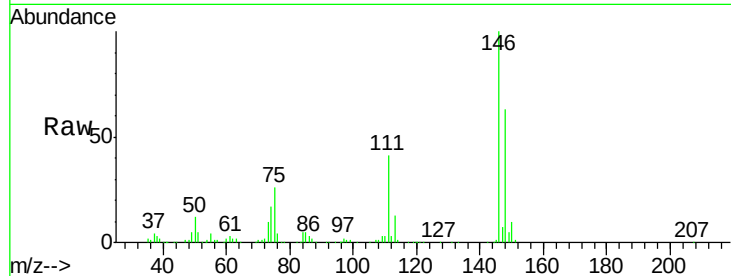




#91
 1,2-Dichlorobenzene
 Concen: 20.044 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

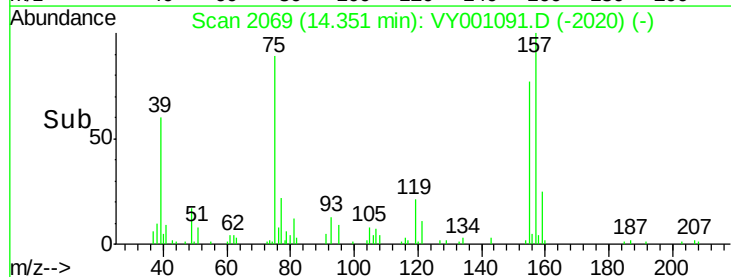
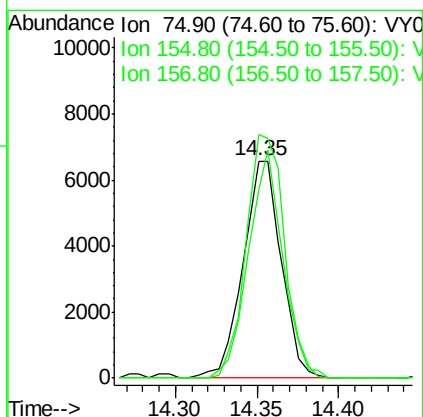
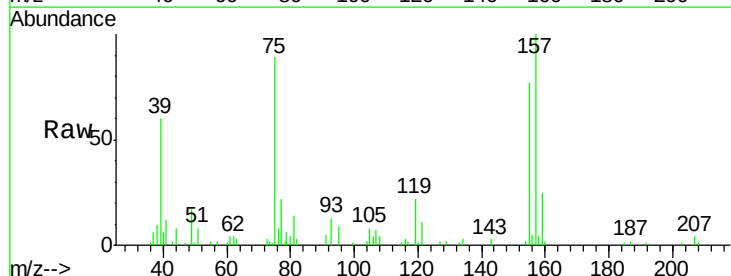
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

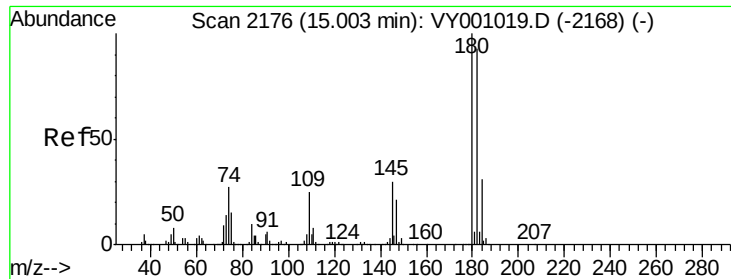
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	63.6	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.133 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	46.3	138.9
157	113.0	58.1	174.4

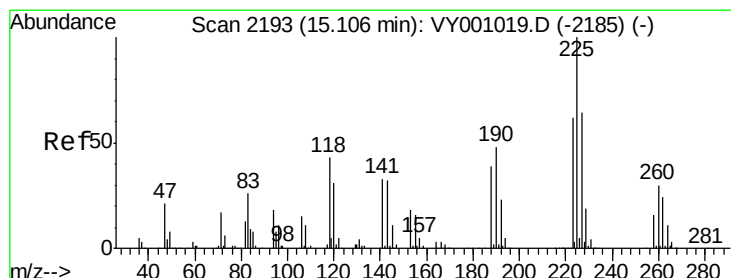
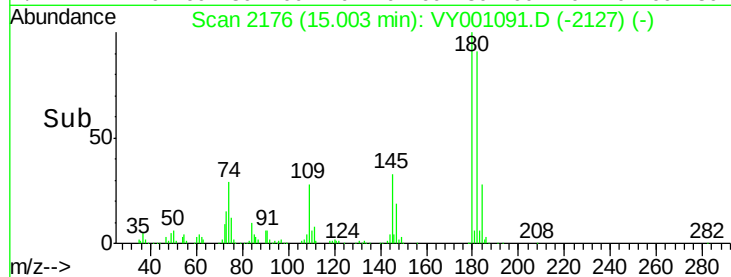
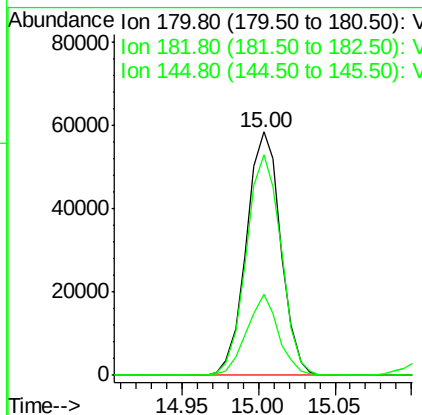
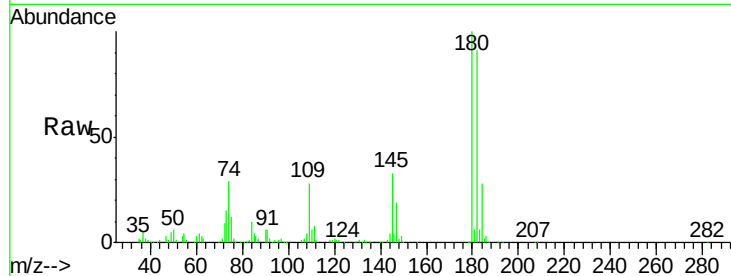




#93
 1,2,4-Trichlorobenzene
 Concen: 19.969 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

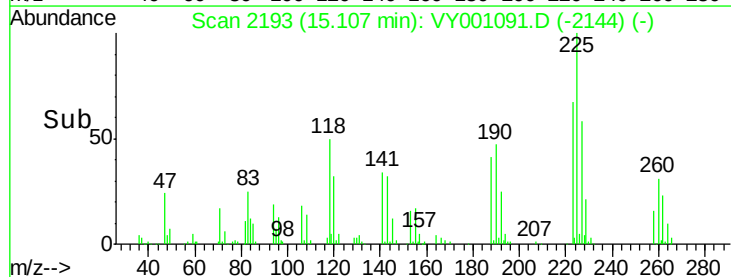
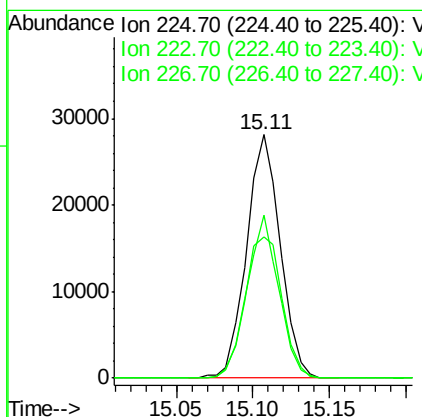
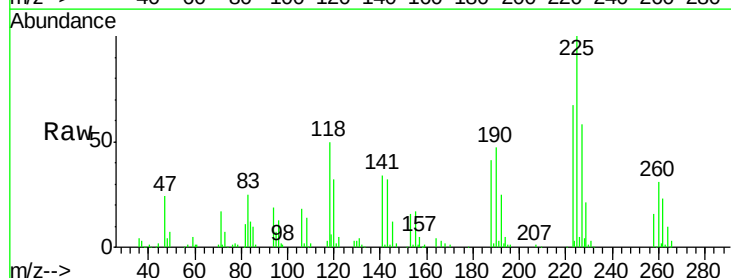
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

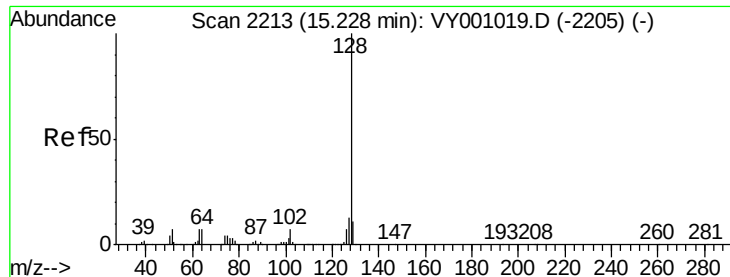
Tgt Ion:180 Resp: 91126
 Ion Ratio Lower Upper
 180 100
 182 92.5 46.8 140.3
 145 31.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 19.836 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion:225 Resp: 43075
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.8
 227 64.1 31.9 95.5

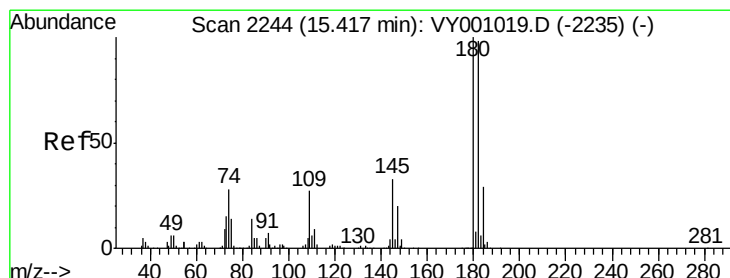
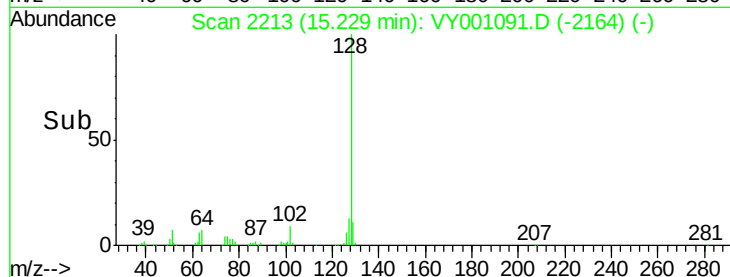
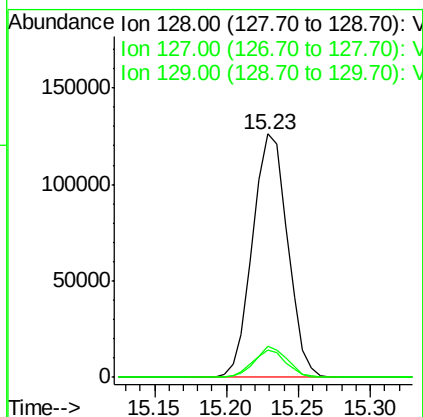
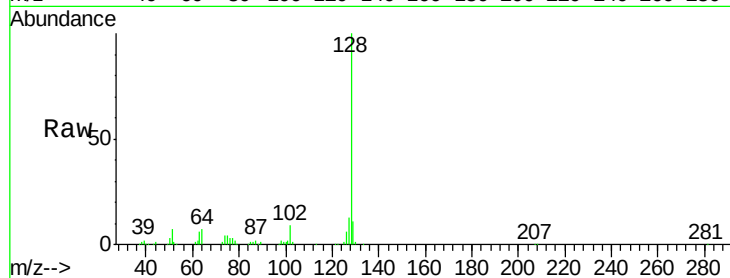




#95
Naphthalene
Concen: 19.737 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:128 Resp: 211809
Ion Ratio Lower Upper
128 100
127 12.0 9.9 14.9
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.857 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion:180 Resp: 80807
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.8
145 32.4 16.3 48.9

